	LTE Band 2	20M	QPSK	1	0	-	Left Side	10mm	Ant 5	ECI 5	18900	1880	-	17.19	18.50	1.352	-	-	-	n/a	n/a
	LTE Band 2	20M	QPSK	50	0	-	Left Side	10mm	Ant 5	ECI 5	18900	1880	-	17.05	18.50	1.396	-	-	-	n/a	n/a
	LTE Band 2	20M	QPSK	1	0	-	Top Side	10mm	Ant 5	ECI 5	18900	1880	-	17.19	18.50	1.352	-	-	0.08	0.410	0.554
	LTE Band 2	20M	QPSK	50	0	-	Top Side	10mm	Ant 5	ECI 5	18900	1880	-	17.05	18.50	1.396	-	-	-0.02	0.374	0.522
	LTE Band 2 other pa	20M	QPSK	1	0	-	Top Side	10mm	Ant 5	ECI 5	18900	1880	-	17.52	18.50	1.253	-	-	-0.1	0.375	0.470
	LTE Band 25	20M	QPSK	1	0	-	Front	10mm	Ant 2	ECI 5	26340	1880	code:a1	18.66	19.50	1.213	-	-	0.06	0.253	0.307
	LTE Band 25	20M	QPSK	50	0	-	Front	10mm	Ant 2	ECI 5	26340	1880	code:a1	18.57	19.50	1.239	-	-	-0.03	0.255	0.316
	LTE Band 25	20M	QPSK	1	0	-	Back	10mm	Ant 2	ECI 5	26340	1880	code:a1	18.66	19.50	1.213	-	-	-0.03	0.349	0.423
	LTE Band 25	20M	QPSK	50	0	-	Back	10mm	Ant 2	ECI 5	26340	1880	code:a1	18.57	19.50	1.239	-	-	0.08	0.353	0.437
	LTE Band 25	20M	QPSK	1	0	-	Right Side	10mm	Ant 2	ECI 5	26340	1880	code:a1	18.66	19.50	1.213	-	-	-0.11	0.414	0.502
	LTE Band 25	20M	QPSK	50	0	-	Right Side	10mm	Ant 2	ECI 5	26340	1880	code:a1	18.57	19.50	1.239	-	-	-0.12	0.404	0.501
	LTE Band 25	20M	QPSK	1	0	-	Right Side	10mm	Ant 2	ECI 5	26340	1880	code:83	18.66	19.50	1.213	-	-	-0.02	0.310	0.376
	LTE Band 25	20M	QPSK	1	0	-	Front	10mm	Ant 3	ECI 5	26340	1880	code:0	17.35	18.70	1.365	-	-	0.15	0.127	0.173
	LTE Band 25	20M	QPSK	50	0	-	Front	10mm	Ant 3	ECI 5	26340	1880	code:0	17.22	18.70	1.406	-	-	-0.09	0.126	0.177
	LTE Band 25	20M	QPSK	1	0	-	Back	10mm	Ant 3	ECI 5	26340	1880	code:0	17.35	18.70	1.365	-	-	0.11	0.158	0.216
	LTE Band 25	20M	QPSK	50	0	-	Back	10mm	Ant 3	ECI 5	26340	1880	code:0	17.22	18.70	1.406	-	-	-0.05	0.159	0.224
	LTE Band 25	20M	QPSK	1	0	-	Left Side	10mm	Ant 3	ECI 5	26340	1880	code:0	17.35	18.70	1.365	-	-	-0.08	0.233	0.318
	LTE Band 25	20M	QPSK	50	0	-	Left Side	10mm	Ant 3	ECI 5	26340	1880	code:0	17.22	18.70	1.406	-	-	0.16	0.225	0.316
	LTE Band 25	20M	QPSK	1	0	-	Top Side	10mm	Ant 3	ECI 5	26340	1880	code:0	17.35	18.70	1.365	-	-	-0.03	0.055	0.075
	LTE Band 25	20M	QPSK	50	0	-	Top Side	10mm	Ant 3	ECI 5	26340	1880	code:0	17.22	18.70	1.406	-	-	-0.15	0.053	0.075
	LTE Band 25	20M	QPSK	1	0	-	Front	10mm	Ant 4	ECI 5	26340	1880		19.25	20.50	1.334	-	-	0.05	0.244	0.325
	LTE Band 25	20M	QPSK	50	0	-	Front	10mm	Ant 4	ECI 5	26340	1880		19.03	20.50	1.403	-	-	0.05	0.249	0.349
	LTE Band 25	20M	QPSK	1	0	-	Back	10mm	Ant 4	ECI 5	26340	1880		19.25	20.50	1.334	-	-	-0.03	0.319	0.426
	LTE Band 25	20M	QPSK	50	0	-	Back	10mm	Ant 4	ECI 5	26340	1880		19.03	20.50	1.403	-	-	-0.15	0.317	0.445
	LTE Band 25	20M	QPSK	1	0	-	Left Side	10mm	Ant 4	ECI 5	26340	1880		19.25	20.50	1.334	-	-	0.02	0.099	0.132
	LTE Band 25	20M	QPSK	50	0	-	Left Side	10mm	Ant 4	ECI 5	26340	1880		19.03	20.50	1.403	-	-	0.07	0.096	0.135
	LTE Band 25	20M	QPSK	1	0	-	Bottom Side	10mm	Ant 4	ECI 5	26340	1880		19.25	20.50	1.334	-	-	-0.18	0.549	0.732
	LTE Band 25	20M	QPSK	50	0	-	Bottom Side	10mm	Ant 4	ECI 5	26340	1880		19.03	20.50	1.403	-	-	0.16	0.574	0.805
58	LTE Band 25	20M	QPSK	50	0	-	Bottom Side	10mm	Ant 4	ECI 5	26140	1860		18.94	20.50	1.432	-	-	-0.09	0.614	**0.879**
	LTE Band 25	20M	QPSK	50	0	-	Bottom Side	10mm	Ant 4	ECI 5	26590	1905		18.99	20.50	1.416	-	-	0.07	0.556	0.787
	LTE Band 25	20M	QPSK	100	0	-	Bottom Side	10mm	Ant 4	ECI 5	26340	1880		18.91	20.50	1.442	-	-	-0.18	0.575	0.829
	LTE Band 25	20M	QPSK	1	0	-	Front	10mm	Ant 5	ECI 5	26340	1880		17.69	19.00	1.352	-	-	0.1	0.202	0.273
	LTE Band 25	20M	QPSK	50	0	-	Front	10mm	Ant 5	ECI 5	26340	1880		17.60	19.00	1.380	-	-	0.04	0.191	0.264
	LTE Band 25	20M	QPSK	1	0	-	Back	10mm	Ant 5	ECI 5	26340	1880		17.69	19.00	1.352	-	-	0.13	0.287	0.388
	LTE Band 25	20M	QPSK	50	0	-	Back	10mm	Ant 5	ECI 5	26340	1880		17.60	19.00	1.380	-	-	-0.18	0.267	0.368
	LTE Band 25	20M	QPSK	1	0	-	Left Side	10mm	Ant 5	ECI 5	26340	1880		17.69	19.00	1.352	-	-	-	n/a	n/a
	LTE Band 25	20M	QPSK	50	0	-	Left Side	10mm	Ant 5	ECI 5	26340	1880		17.60	19.00	1.380	-	-	-	n/a	n/a
	LTE Band 25	20M	QPSK	1	0	-	Top Side	10mm	Ant 5	ECI 5	26340	1880		17.69	19.00	1.352	-	-	0.03	0.359	0.485
	LTE Band 25	20M	QPSK	50	0	-	Top Side	10mm	Ant 5	ECI 5	26340	1880		17.60	19.00	1.380	-	-	-0.19	0.342	0.472
	FR1 n2	20M	QPSK	1	1	DFT-SCS-15KHz	Front	10mm	Ant 2	ECI 5	376000	1880	code:a1	17.64	18.50	1.219	-	-	-0.09	0.328	0.400
	FR1 n2	20M	QPSK	50	28	DFT-SCS-15KHz	Front	10mm	Ant 2	ECI 5	376000	1880	code:a1	17.61	18.50	1.227	-	-	0.05	0.308	0.378
	FR1 n2	20M	QPSK	1	1	DFT-SCS-15KHz	Back	10mm	Ant 2	ECI 5	376000	1880	code:a1	17.64	18.50	1.219	-	-	0.02	0.431	0.525
	FR1 n2	20M	QPSK	50	28	DFT-SCS-15KHz	Back	10mm	Ant 2	ECI 5	376000	1880	code:a1	17.61	18.50	1.227	-	-	-0.13	0.396	0.486
	FR1 n2	20M	QPSK	1	1	DFT-SCS-15KHz	Right Side	10mm	Ant 2	ECI 5	376000	1880	code:a1	17.64	18.50	1.219	-	-	0.07	0.512	0.624
	FR1 n2	20M	QPSK	50	28	DFT-SCS-15KHz	Right Side	10mm	Ant 2	ECI 5	376000	1880	code:a1	17.61	18.50	1.227	-	-	-0.04	0.497	0.610
	FR1 n2	20M	QPSK	1	1	DFT-SCS-15KHz	Right Side	10mm	Ant 2	ECI 5	376000	1880	code:83	17.64	18.50	1.219	-	-	-0.02	0.376	0.458
	FR1 n2	20M	QPSK	1	1	DFT-SCS-15KHz	Front	10mm	Ant 3	ECI 5	376000	1880	code:2	16.79	18.20	1.384	-	-	0.02	0.129	0.179
	FR1 n2	20M	QPSK	50	28	DFT-SCS-15KHz	Front	10mm	Ant 3	ECI 5	376000	1880	code:2	16.63	18.20	1.435	-	-	0.07	0.134	0.192
	FR1 n2	20M	QPSK	1	1	DFT-SCS-15KHz	Back	10mm	Ant 3	ECI 5	376000	1880	code:2	16.79	18.20	1.384	-	-	0.16	0.162	0.224
	FR1 n2	20M	QPSK	50	28	DFT-SCS-15KHz	Back	10mm	Ant 3	ECI 5	376000	1880	code:2	16.63	18.20	1.435	-	-	0.13	0.165	0.237
	FR1 n2	20M	QPSK	1	1	DFT-SCS-15KHz	Left Side	10mm	Ant 3	ECI 5	376000	1880	code:2	16.79	18.20	1.384	-	-	-0.18	0.229	0.317
	FR1 n2	20M	QPSK	50	28	DFT-SCS-15KHz	Left Side	10mm	Ant 3	ECI 5	376000	1880	code:2	16.63	18.20	1.435	-	-	0.02	0.215	0.309
	FR1 n2	20M	QPSK	1	1	DFT-SCS-15KHz	Top Side	10mm	Ant 3	ECI 5	376000	1880	code:2	16.79	18.20	1.384	-	-	0.07	0.061	0.084
	FR1 n2	20M	QPSK	50	28	DFT-SCS-15KHz	Top Side	10mm	Ant 3	ECI 5	376000	1880	code:2	16.63	18.20	1.435	-	-	0.1	0.060	0.086
	FR1 n2	20M	QPSK	1	1	DFT-SCS-15KHz	Front	10mm	Ant 4	ECI 5	376000	1880	-	19.05	20.50	1.396	-	-	0.08	0.332	0.463
	FR1 n2	20M	QPSK	50	28	DFT-SCS-15KHz	Front	10mm	Ant 4	ECI 5	376000	1880	-	19.00	20.50	1.413	-	-	0.01	0.285	0.403

	FR1 n2	20M	QPSK	1	1	DFT-SCS-15KHz	Back	10mm	Ant 4	ECI 5	376000	1880	-	19.05	20.50	1.396	-	-	0.03	0.388	0.542
	FR1 n2	20M	QPSK	50	28	DFT-SCS-15KHz	Back	10mm	Ant 4	ECI 5	376000	1880	-	19.00	20.50	1.413	-	-	-0.08	0.357	0.504
	FR1 n2	20M	QPSK	1	1	DFT-SCS-15KHz	Left Side	10mm	Ant 4	ECI 5	376000	1880	-	19.05	20.50	1.396	-	-	-0.08	0.147	0.205
	FR1 n2	20M	QPSK	50	28	DFT-SCS-15KHz	Left Side	10mm	Ant 4	ECI 5	376000	1880	-	19.00	20.50	1.413	-	-	0.1	0.130	0.184
59	FR1 n2	20M	QPSK	1	1	DFT-SCS-15KHz	Bottom Side	10mm	Ant 4	ECI 5	376000	1880	-	19.05	20.50	1.396	-	-	-0.07	0.631	**0.881**
	FR1 n2	20M	QPSK	1	1	DFT-SCS-15KHz	Bottom Side	10mm	Ant 4	ECI 5	372000	1860	-	18.93	20.50	1.435	-	-	0.08	0.612	0.878
	FR1 n2	20M	QPSK	1	1	DFT-SCS-15KHz	Bottom Side	10mm	Ant 4	ECI 5	380000	1900	-	19.04	20.50	1.400	-	-	0.01	0.624	0.874
	FR1 n2	20M	QPSK	50	28	DFT-SCS-15KHz	Bottom Side	10mm	Ant 4	ECI 5	376000	1880	-	19.00	20.50	1.413	-	-	0.12	0.598	0.845
	FR1 n2	20M	QPSK	50	28	DFT-SCS-15KHz	Bottom Side	10mm	Ant 4	ECI 5	372000	1860	-	18.91	20.50	1.442	-	-	0.03	0.574	0.828
	FR1 n2	20M	QPSK	50	28	DFT-SCS-15KHz	Bottom Side	10mm	Ant 4	ECI 5	380000	1900	-	18.82	20.50	1.472	-	-	-0.08	0.565	0.832
	FR1 n2	20M	QPSK	100	0	DFT-SCS-15KHz	Bottom Side	10mm	Ant 4	ECI 5	376000	1880	-	18.90	20.50	1.445	-	-	-0.08	0.547	0.790
	FR1 n2	20M	QPSK	1	1	DFT-SCS-15KHz	Front	10mm	Ant 5	ECI 5	376000	1880	-	17.53	19.00	1.403	-	-	0.08	0.148	0.208
	FR1 n2	20M	QPSK	50	28	DFT-SCS-15KHz	Front	10mm	Ant 5	ECI 5	376000	1880	-	17.36	19.00	1.459	-	-	-0.17	0.159	0.232
	FR1 n2	20M	QPSK	1	1	DFT-SCS-15KHz	Back	10mm	Ant 5	ECI 5	376000	1880	-	17.53	19.00	1.403	-	-	-0.03	0.232	0.325
	FR1 n2	20M	QPSK	50	28	DFT-SCS-15KHz	Back	10mm	Ant 5	ECI 5	376000	1880	-	17.36	19.00	1.459	-	-	0.14	0.242	0.353
	FR1 n2	20M	QPSK	1	1	DFT-SCS-15KHz	Left Side	10mm	Ant 5	ECI 5	376000	1880	-	17.53	19.00	1.403	-	-	-	n/a	n/a
	FR1 n2	20M	QPSK	50	28	DFT-SCS-15KHz	Left Side	10mm	Ant 5	ECI 5	376000	1880	-	17.36	19.00	1.459	-	-	-	n/a	n/a
	FR1 n2	20M	QPSK	1	1	DFT-SCS-15KHz	Top Side	10mm	Ant 5	ECI 5	376000	1880	-	17.53	19.00	1.403	-	-	-0.17	0.282	0.396
	FR1 n2	20M	QPSK	50	28	DFT-SCS-15KHz	Top Side	10mm	Ant 5	ECI 5	376000	1880	-	17.36	19.00	1.459	-	-	0.03	0.293	0.427
	FR1 n25	40M	QPSK	1	1	DFT-SCS-15KHz	Front	10mm	Ant 2	ECI 5	376500	1882.5	code:a1	18.16	19.00	1.213	-	-	-0.05	0.268	0.325
	FR1 n25	40M	QPSK	108	54	DFT-SCS-15KHz	Front	10mm	Ant 2	ECI 5	376500	1882.5	code:a1	18.08	19.00	1.236	-	-	0.01	0.260	0.321
	FR1 n25	40M	QPSK	1	1	DFT-SCS-15KHz	Back	10mm	Ant 2	ECI 5	376500	1882.5	code:a1	18.16	19.00	1.213	-	-	0.1	0.340	0.412
	FR1 n25	40M	QPSK	108	54	DFT-SCS-15KHz	Back	10mm	Ant 2	ECI 5	376500	1882.5	code:a1	18.08	19.00	1.236	-	-	-0.17	0.352	0.435
	FR1 n25	40M	QPSK	1	1	DFT-SCS-15KHz	Right Side	10mm	Ant 2	ECI 5	376500	1882.5	code:a1	18.16	19.00	1.213	-	-	0.11	0.458	0.556
	FR1 n25	40M	QPSK	108	54	DFT-SCS-15KHz	Right Side	10mm	Ant 2	ECI 5	376500	1882.5	code:a1	18.08	19.00	1.236	-	-	-0.08	0.408	0.504
	FR1 n25	40M	QPSK	1	1	DFT-SCS-15KHz	Right Side	10mm	Ant 2	ECI 5	376500	1882.5	code:83	18.16	19.00	1.213	-	-	-0.09	0.328	0.398
	FR1 n25	40M	QPSK	1	1	DFT-SCS-15KHz	Front	10mm	Ant 3	ECI 5	376500	1882.5	code:0	16.95	18.20	1.334	-	-	0.01	0.114	0.152
	FR1 n25	40M	QPSK	108	54	DFT-SCS-15KHz	Front	10mm	Ant 3	ECI 5	376500	1882.5	code:0	16.85	18.20	1.365	-	-	-0.01	0.102	0.139
	FR1 n25	40M	QPSK	1	1	DFT-SCS-15KHz	Back	10mm	Ant 3	ECI 5	376500	1882.5	code:0	16.95	18.20	1.334	-	-	-0.06	0.145	0.193
	FR1 n25	40M	QPSK	108	54	DFT-SCS-15KHz	Back	10mm	Ant 3	ECI 5	376500	1882.5	code:0	16.85	18.20	1.365	-	-	-0.04	0.137	0.187
	FR1 n25	40M	QPSK	1	1	DFT-SCS-15KHz	Left Side	10mm	Ant 3	ECI 5	376500	1882.5	code:0	16.95	18.20	1.334	-	-	-0.09	0.217	0.289
	FR1 n25	40M	QPSK	108	54	DFT-SCS-15KHz	Left Side	10mm	Ant 3	ECI 5	376500	1882.5	code:0	16.85	18.20	1.365	-	-	-0.17	0.189	0.258
	FR1 n25	40M	QPSK	1	1	DFT-SCS-15KHz	Top Side	10mm	Ant 3	ECI 5	376500	1882.5	code:0	16.95	18.20	1.334	-	-	-0.17	0.051	0.068
	FR1 n25	40M	QPSK	108	54	DFT-SCS-15KHz	Top Side	10mm	Ant 3	ECI 5	376500	1882.5	code:0	16.85	18.20	1.365	-	-	-	n/a	n/a
	FR1 n25	40M	QPSK	1	1	DFT-SCS-15KHz	Front	10mm	Ant 4	ECI 5	376500	1882.5	-	19.76	21.00	1.330	-	-	-0.1	0.265	0.352
	FR1 n25	40M	QPSK	108	54	DFT-SCS-15KHz	Front	10mm	Ant 4	ECI 5	376500	1882.5	-	19.61	21.00	1.377	-	-	0.01	0.275	0.379
	FR1 n25	40M	QPSK	1	1	DFT-SCS-15KHz	Back	10mm	Ant 4	ECI 5	376500	1882.5	-	19.76	21.00	1.330	-	-	-0.15	0.309	0.411
	FR1 n25	40M	QPSK	108	54	DFT-SCS-15KHz	Back	10mm	Ant 4	ECI 5	376500	1882.5	-	19.61	21.00	1.377	-	-	0.19	0.328	0.452
	FR1 n25	40M	QPSK	1	1	DFT-SCS-15KHz	Left Side	10mm	Ant 4	ECI 5	376500	1882.5	-	19.76	21.00	1.330	-	-	0.07	0.102	0.136
	FR1 n25	40M	QPSK	108	54	DFT-SCS-15KHz	Left Side	10mm	Ant 4	ECI 5	376500	1882.5	-	19.61	21.00	1.377	-	-	-0.18	0.099	0.136
	FR1 n25	40M	QPSK	1	1	DFT-SCS-15KHz	Bottom Side	10mm	Ant 4	ECI 5	376500	1882.5	-	19.76	21.00	1.330	-	-	-0.15	0.585	0.778
60	FR1 n25	40M	QPSK	108	54	DFT-SCS-15KHz	Bottom Side	10mm	Ant 4	ECI 5	376500	1882.5	-	19.61	21.00	1.377	-	-	0.01	0.617	**0.850**
	FR1 n25	40M	QPSK	216	0	DFT-SCS-15KHz	Bottom Side	10mm	Ant 4	ECI 5	376500	1882.5	-	19.34	21.00	1.466	-	-	-0.06	0.542	0.795
	FR1 n25	40M	QPSK	1	1	DFT-SCS-15KHz	Front	10mm	Ant 5	ECI 5	376500	1882.5	-	17.97	19.50	1.422	-	-	-0.08	0.134	0.191
	FR1 n25	40M	QPSK	108	54	DFT-SCS-15KHz	Front	10mm	Ant 5	ECI 5	376500	1882.5	-	17.82	19.50	1.472	-	-	0.13	0.171	0.252
	FR1 n25	40M	QPSK	1	1	DFT-SCS-15KHz	Back	10mm	Ant 5	ECI 5	376500	1882.5	-	17.97	19.50	1.422	-	-	0.12	0.207	0.294
	FR1 n25	40M	QPSK	108	54	DFT-SCS-15KHz	Back	10mm	Ant 5	ECI 5	376500	1882.5	-	17.82	19.50	1.472	-	-	0.03	0.265	0.390
	FR1 n25	40M	QPSK	1	1	DFT-SCS-15KHz	Left Side	10mm	Ant 5	ECI 5	376500	1882.5	-	17.97	19.50	1.422	-	-	-	n/a	n/a
	FR1 n25	40M	QPSK	108	54	DFT-SCS-15KHz	Left Side	10mm	Ant 5	ECI 5	376500	1882.5	-	17.82	19.50	1.472	-	-	-	n/a	n/a
	FR1 n25	40M	QPSK	1	1	DFT-SCS-15KHz	Top Side	10mm	Ant 5	ECI 5	376500	1882.5	-	17.97	19.50	1.422	-	-	0.18	0.251	0.357
	FR1 n25	40M	QPSK	108	54	DFT-SCS-15KHz	Top Side	10mm	Ant 5	ECI 5	376500	1882.5	-	17.82	19.50	1.472	-	-	0.01	0.333	0.490
2600MHz																					
	LTE Band 7	20M	QPSK	1	0	-	Front	10mm	Ant 2	ECI 5	21100	2535	code:b0	17.99	18.70	1.178	-	-	0.08	0.249	0.293
	LTE Band 7	20M	QPSK	50	0	-	Front	10mm	Ant 2	ECI 5	21100	2535	code:b0	17.90	18.70	1.202	-	-	0.01	0.253	0.304
	LTE Band 7	20M	QPSK	1	0	-	Back	10mm	Ant 2	ECI 5	21100	2535	code:b0	17.99	18.70	1.178	-	-	0.03	0.291	0.343
	LTE Band 7	20M	QPSK	50	0	-	Back	10mm	Ant 2	ECI 5	21100	2535	code:b0	17.90	18.70	1.202	-	-	-0.08	0.306	0.368

61	LTE Band 7	20M	QPSK	1	0	-	Right Side	10mm	Ant 2	ECI 5	21100	2535	code:b0	17.99	18.70	1.178	-	-	0.06	0.483	**0.569**
	LTE Band 7C	20M	QPSK	1	99	-	Right Side	10mm	Ant 2	ECI 5	21100+ 21298	2535+ 2554.8	code:b0	17.73	18.70	1.250	-	-	0.01	0.439	0.549
	LTE Band 7	20M	QPSK	50	0	-	Right Side	10mm	Ant 2	ECI 5	21100	2535	code:b0	17.90	18.70	1.202	-	-	-0.08	0.471	0.566
	LTE Band 7	20M	QPSK	1	0	-	Front	10mm	Ant 3	ECI 5	21100	2535	code:e	15.81	16.70	1.227	-	-	-0.05	0.148	0.182
	LTE Band 7	20M	QPSK	50	0	-	Front	10mm	Ant 3	ECI 5	21100	2535	code:e	15.74	16.70	1.247	-	-	0.12	0.144	0.180
	LTE Band 7	20M	QPSK	1	0	-	Back	10mm	Ant 3	ECI 5	21100	2535	code:e	15.81	16.70	1.227	-	-	-0.13	0.166	0.204
	LTE Band 7	20M	QPSK	50	0	-	Back	10mm	Ant 3	ECI 5	21100	2535	code:e	15.74	16.70	1.247	-	-	-0.01	0.177	0.221
	LTE Band 7	20M	QPSK	1	0	-	Left Side	10mm	Ant 3	ECI 5	21100	2535	code:e	15.81	16.70	1.227	-	-	-0.09	0.229	0.281
	LTE Band 7C	20M	QPSK	1	99	-	Left Side	10mm	Ant 3	ECI 5	21100+ 21298	2535+ 2554.8	code:e	15.44	16.70	1.337	-	-	0.02	0.201	0.269
	LTE Band 7	20M	QPSK	50	0	-	Left Side	10mm	Ant 3	ECI 5	21100	2535	code:e	15.74	16.70	1.247	-	-	0.05	0.222	0.277
	LTE Band 7	20M	QPSK	1	0	-	Top Side	10mm	Ant 3	ECI 5	21100	2535	code:e	15.81	16.70	1.227	-	-	-	n/a	n/a
	LTE Band 7	20M	QPSK	50	0	-	Top Side	10mm	Ant 3	ECI 5	21100	2535	code:e	15.74	16.70	1.247	-	-	-	n/a	n/a
	LTE Band 7	20M	QPSK	1	0	-	Front	10mm	Ant 4	ECI 5	21100	2535	-	19.69	20.70	1.262	-	-	0.03	0.233	0.294
	LTE Band 7	20M	QPSK	50	0	-	Front	10mm	Ant 4	ECI 5	21100	2535	-	19.62	20.70	1.282	-	-	-0.16	0.251	0.322
	LTE Band 7	20M	QPSK	1	0	-	Back	10mm	Ant 4	ECI 5	21100	2535	-	19.69	20.70	1.262	-	-	-0.02	0.290	0.366
	LTE Band 7	20M	QPSK	50	0	-	Back	10mm	Ant 4	ECI 5	21100	2535	-	19.62	20.70	1.282	-	-	0.15	0.294	0.377
	LTE Band 7	20M	QPSK	1	0	-	Left Side	10mm	Ant 4	ECI 5	21100	2535	-	19.69	20.70	1.262	-	-	-0.09	0.082	0.103
	LTE Band 7	20M	QPSK	50	0	-	Left Side	10mm	Ant 4	ECI 5	21100	2535	-	19.62	20.70	1.282	-	-	0.11	0.077	0.099
	LTE Band 7	20M	QPSK	1	0	-	Bottom Side	10mm	Ant 4	ECI 5	21100	2535	-	19.69	20.70	1.262	-	-	0.02	0.440	0.555
	LTE Band 7C	20M	QPSK	1	99	-	Bottom Side	10mm	Ant 4	ECI 5	21100+ 21298	2535+ 2554.8	-	18.89	20.70	1.517	-	-	0.08	0.356	0.540
	LTE Band 7	20M	QPSK	50	0	-	Bottom Side	10mm	Ant 4	ECI 5	21100	2535	-	19.62	20.70	1.282	-	-	0.16	0.415	0.532
	LTE Band 7	20M	QPSK	1	0	-	Front	10mm	Ant 5	ECI 5	21100	2535	-	15.06	16.50	1.393	-	-	-0.08	0.106	0.148
	LTE Band 7	20M	QPSK	50	0	-	Front	10mm	Ant 5	ECI 5	21100	2535	-	14.95	16.50	1.429	-	-	0.06	0.108	0.154
	LTE Band 7	20M	QPSK	1	0	-	Back	10mm	Ant 5	ECI 5	21100	2535	-	15.06	16.50	1.393	-	-	0.15	0.163	0.227
	LTE Band 7	20M	QPSK	50	0	-	Back	10mm	Ant 5	ECI 5	21100	2535	-	14.95	16.50	1.429	-	-	-0.08	0.156	0.223
	LTE Band 7	20M	QPSK	1	0	-	Left Side	10mm	Ant 5	ECI 5	21100	2535	-	15.06	16.50	1.393	-	-	-0.05	0.049	0.068
	LTE Band 7	20M	QPSK	50	0	-	Left Side	10mm	Ant 5	ECI 5	21100	2535	-	14.95	16.50	1.429	-	-	-0.18	0.050	0.071
	LTE Band 7	20M	QPSK	1	0	-	Top Side	10mm	Ant 5	ECI 5	21100	2535	-	15.06	16.50	1.393	-	-	0.08	0.299	0.417
	LTE Band 7C	20M	QPSK	1	99	-	Top Side	10mm	Ant 5	ECI 5	21100+ 21298	2535+ 2554.8	-	14.96	16.50	1.426	-	-	0.01	0.238	0.339
	LTE Band 7	20M	QPSK	50	0	-	Top Side	10mm	Ant 5	ECI 5	21100	2535	-	14.95	16.50	1.429	-	-	0.1	0.275	0.393
	LTE Band 38	20M	QPSK	1	0	-	Front	10mm	Ant 2	ECI 5	38000	2595	code:b0	20.71	21.20	1.119	62.9	1.006	-0.04	0.235	0.265
	LTE Band 38	20M	QPSK	50	0	-	Front	10mm	Ant 2	ECI 5	38000	2595	code:b0	20.67	21.20	1.130	62.9	1.006	0.17	0.235	0.267
	LTE Band 38	20M	QPSK	1	0	-	Back	10mm	Ant 2	ECI 5	38000	2595	code:b0	20.71	21.20	1.119	62.9	1.006	0.06	0.287	0.323
	LTE Band 38	20M	QPSK	50	0	-	Back	10mm	Ant 2	ECI 5	38000	2595	code:b0	20.67	21.20	1.130	62.9	1.006	0.01	0.295	0.335
	LTE Band 38	20M	QPSK	1	0	-	Right Side	10mm	Ant 2	ECI 5	38000	2595	code:b0	20.71	21.20	1.119	62.9	1.006	0.09	0.429	0.483
	LTE Band 38C	20M	QPSK	1	99	-	Right Side	10mm	Ant 2	ECI 5	37901+ 38099	2585.1+ 2604.9	code:b0	20.07	21.20	1.297	62.9	1.006	0.01	0.334	0.436
	LTE Band 38	20M	QPSK	50	0	-	Right Side	10mm	Ant 2	ECI 5	38000	2595	code:b0	20.67	21.20	1.130	62.9	1.006	0.03	0.423	0.481
	LTE Band 38	20M	QPSK	1	0	-	Front	10mm	Ant 3	ECI 5	38000	2595	code:e	18.09	19.20	1.291	62.9	1.006	0.08	0.174	0.226
	LTE Band 38	20M	QPSK	50	0	-	Front	10mm	Ant 3	ECI 5	38000	2595	code:e	17.94	19.20	1.337	62.9	1.006	-0.04	0.171	0.230
	LTE Band 38	20M	QPSK	1	0	-	Back	10mm	Ant 3	ECI 5	38000	2595	code:e	18.09	19.20	1.291	62.9	1.006	-0.15	0.198	0.257
	LTE Band 38	20M	QPSK	50	0	-	Back	10mm	Ant 3	ECI 5	38000	2595	code:e	17.94	19.20	1.337	62.9	1.006	0.11	0.203	0.273
	LTE Band 38	20M	QPSK	1	0	-	Left Side	10mm	Ant 3	ECI 5	38000	2595	code:e	18.09	19.20	1.291	62.9	1.006	-0.02	0.258	0.335
	LTE Band 38C	20M	QPSK	1	99	-	Left Side	10mm	Ant 3	ECI 5	37901+ 38099	2585.1+ 2604.9	code:e	18.01	19.20	1.315	62.9	1.006	0.06	0.211	0.279
	LTE Band 38	20M	QPSK	50	0	-	Left Side	10mm	Ant 3	ECI 5	38000	2595	code:e	17.94	19.20	1.337	62.9	1.006	0.1	0.247	0.332
	LTE Band 38	20M	QPSK	1	0	-	Top Side	10mm	Ant 3	ECI 5	38000	2595	code:e	18.09	19.20	1.291	62.9	1.006	-	n/a	n/a
	LTE Band 38	20M	QPSK	50	0	-	Top Side	10mm	Ant 3	ECI 5	38000	2595	code:e	17.94	19.20	1.337	62.9	1.006	-	n/a	n/a
	LTE Band 38	20M	QPSK	1	0	-	Front	10mm	Ant 4	ECI 5	38000	2595	-	22.21	23.20	1.256	62.9	1.006	-0.13	0.282	0.356
	LTE Band 38	20M	QPSK	50	0	-	Front	10mm	Ant 4	ECI 5	38000	2595	-	22.10	23.20	1.288	62.9	1.006	0.06	0.287	0.372
	LTE Band 38	20M	QPSK	1	0	-	Back	10mm	Ant 4	ECI 5	38000	2595	-	22.21	23.20	1.256	62.9	1.006	-0.03	0.358	0.452
	LTE Band 38	20M	QPSK	50	0	-	Back	10mm	Ant 4	ECI 5	38000	2595	-	22.10	23.20	1.288	62.9	1.006	-0.03	0.360	0.466
	LTE Band 38	20M	QPSK	1	0	-	Left Side	10mm	Ant 4	ECI 5	38000	2595	-	22.21	23.20	1.256	62.9	1.006	0.08	0.073	0.092
	LTE Band 38	20M	QPSK	50	0	-	Left Side	10mm	Ant 4	ECI 5	38000	2595	-	22.10	23.20	1.288	62.9	1.006	-0.07	0.069	0.089
62	LTE Band 38	20M	QPSK	1	0	-	Bottom Side	10mm	Ant 4	ECI 5	38000	2595	-	22.21	23.20	1.256	62.9	1.006	0.08	0.510	**0.644**
	LTE Band 38C	20M	QPSK	1	99	-	Bottom Side	10mm	Ant 4	ECI 5	37901+ 38099	2585.1+ 2604.9	-	21.59	23.20	1.449	62.9	1.006	0.02	0.439	0.640

	LTE Band 38	20M	QPSK	50	0	-	Bottom Side	10mm	Ant 4	ECI 5	38000	2595	-	22.10	23.20	1.288	62.9	1.006	0.08	0.491	0.636
	LTE Band 38	20M	QPSK	1	0	-	Front	10mm	Ant 5	ECI 5	38000	2595	-	18.84	20.00	1.306	62.9	1.006	-0.16	0.111	0.146
	LTE Band 38	20M	QPSK	50	0	-	Front	10mm	Ant 5	ECI 5	38000	2595	-	18.75	20.00	1.334	62.9	1.006	-0.15	0.116	0.156
	LTE Band 38	20M	QPSK	1	0	-	Back	10mm	Ant 5	ECI 5	38000	2595	-	18.84	20.00	1.306	62.9	1.006	-0.06	0.178	0.234
	LTE Band 38	20M	QPSK	50	0	-	Back	10mm	Ant 5	ECI 5	38000	2595	-	18.75	20.00	1.334	62.9	1.006	-0.14	0.175	0.235
	LTE Band 38	20M	QPSK	1	0	-	Left Side	10mm	Ant 5	ECI 5	38000	2595	-	18.84	20.00	1.306	62.9	1.006	-0.19	0.098	0.129
	LTE Band 38	20M	QPSK	50	0	-	Left Side	10mm	Ant 5	ECI 5	38000	2595	-	18.75	20.00	1.334	62.9	1.006	0.01	0.098	0.132
	LTE Band 38	20M	QPSK	1	0	-	Top Side	10mm	Ant 5	ECI 5	38000	2595	-	18.84	20.00	1.306	62.9	1.006	0.12	0.294	0.386
	LTE Band 38C	20M	QPSK	1	99	-	Top Side	10mm	Ant 5	ECI 5	37901+38099	2585.1+2604.9	-	18.67	20.00	1.358	62.9	1.006	-0.06	0.273	0.373
	LTE Band 38	20M	QPSK	50	0	-	Top Side	10mm	Ant 5	ECI 5	38000	2595	-	18.75	20.00	1.334	62.9	1.006	-0.16	0.281	0.377
	LTE Band 41	20M	QPSK	1	0	-	Front	10mm	Ant 2	ECI 5	40620	2593	code:b0	20.26	20.70	1.107	62.9	1.006	-0.08	0.212	0.236
	LTE Band 41	20M	QPSK	50	0	-	Front	10mm	Ant 2	ECI 5	40620	2593	code:b0	20.23	20.70	1.114	62.9	1.006	0.12	0.218	0.244
	LTE Band 41	20M	QPSK	1	0	-	Back	10mm	Ant 2	ECI 5	40620	2593	code:b0	20.26	20.70	1.107	62.9	1.006	-0.07	0.260	0.290
	LTE Band 41	20M	QPSK	50	0	-	Back	10mm	Ant 2	ECI 5	40620	2593	code:b0	20.23	20.70	1.114	62.9	1.006	-0.05	0.271	0.304
	LTE Band 41	20M	QPSK	1	0	-	Right Side	10mm	Ant 2	ECI 5	40620	2593	code:b0	20.26	20.70	1.107	62.9	1.006	0.06	0.388	0.432
	LTE Band 41	20M	QPSK	50	0	-	Right Side	10mm	Ant 2	ECI 5	40620	2593	code:b0	20.23	20.70	1.114	62.9	1.006	-0.03	0.381	0.427
	LTE Band 41	20M	QPSK	1	0	-	Front	10mm	Ant 3	ECI 5	40620	2593	code:e	17.58	18.70	1.294	62.9	1.006	-0.12	0.155	0.202
	LTE Band 41	20M	QPSK	50	0	-	Front	10mm	Ant 3	ECI 5	40620	2593	code:e	17.50	18.70	1.318	62.9	1.006	0.07	0.151	0.200
	LTE Band 41	20M	QPSK	1	0	-	Back	10mm	Ant 3	ECI 5	40620	2593	code:e	17.58	18.70	1.294	62.9	1.006	-0.02	0.176	0.229
	LTE Band 41	20M	QPSK	50	0	-	Back	10mm	Ant 3	ECI 5	40620	2593	code:e	17.50	18.70	1.318	62.9	1.006	-0.05	0.180	0.239
	LTE Band 41	20M	QPSK	1	0	-	Left Side	10mm	Ant 3	ECI 5	40620	2593	code:e	17.58	18.70	1.294	62.9	1.006	-0.13	0.231	0.301
	LTE Band 41	20M	QPSK	50	0	-	Left Side	10mm	Ant 3	ECI 5	40620	2593	code:e	17.50	18.70	1.318	62.9	1.006	0.08	0.255	0.338
	LTE Band 41	20M	QPSK	1	0	-	Top Side	10mm	Ant 3	ECI 5	40620	2593	code:e	17.58	18.70	1.294	62.9	1.006	-	n/a	n/a
	LTE Band 41	20M	QPSK	50	0	-	Top Side	10mm	Ant 3	ECI 5	40620	2593	code:e	17.50	18.70	1.318	62.9	1.006	-	n/a	n/a
	LTE Band 41	20M	QPSK	1	0	-	Front	10mm	Ant 4	ECI 5	40620	2593	-	21.66	22.70	1.271	62.9	1.006	-0.1	0.246	0.315
	LTE Band 41	20M	QPSK	50	0	-	Front	10mm	Ant 4	ECI 5	40620	2593	-	21.53	22.70	1.309	62.9	1.006	0.01	0.249	0.328
	LTE Band 41	20M	QPSK	1	0	-	Back	10mm	Ant 4	ECI 5	40620	2593	-	21.66	22.70	1.271	62.9	1.006	-0.15	0.310	0.396
	LTE Band 41	20M	QPSK	50	0	-	Back	10mm	Ant 4	ECI 5	40620	2593	-	21.53	22.70	1.309	62.9	1.006	0.19	0.319	0.420
	LTE Band 41	20M	QPSK	1	0	-	Left Side	10mm	Ant 4	ECI 5	40620	2593	-	21.66	22.70	1.271	62.9	1.006	0.07	0.065	0.083
	LTE Band 41	20M	QPSK	50	0	-	Left Side	10mm	Ant 4	ECI 5	40620	2593	-	21.53	22.70	1.309	62.9	1.006	-0.18	0.065	0.086
	LTE Band 41	20M	QPSK	1	0	-	Bottom Side	10mm	Ant 4	ECI 5	40620	2593	-	21.66	22.70	1.271	62.9	1.006	-0.15	0.448	0.573
	LTE Band 41	20M	QPSK	1	0	-	Bottom Side	10mm	Ant 4	ECI 5	39750	2506	-	21.61	22.70	1.285	62.9	1.006	-0.08	0.452	0.584
	LTE Band 41	20M	QPSK	1	0	-	Bottom Side	10mm	Ant 4	ECI 5	40185	2549.5	-	21.48	22.70	1.324	62.9	1.006	-0.17	0.471	0.627
63	LTE Band 41	20M	QPSK	1	0	-	Bottom Side	10mm	Ant 4	ECI 5	41055	2636.5	-	21.53	22.70	1.309	62.9	1.006	0.06	0.478	**0.629**
	LTE Band 41	20M	QPSK	1	0	-	Bottom Side	10mm	Ant 4	ECI 5	41490	2680	-	21.56	22.70	1.300	62.9	1.006	-0.08	0.464	0.607
	LTE Band 41	20M	QPSK	50	0	-	Bottom Side	10mm	Ant 4	ECI 5	40620	2593	-	21.53	22.70	1.309	62.9	1.006	-0.04	0.445	0.586
	LTE Band 41	20M	QPSK	50	0	-	Bottom Side	10mm	Ant 4	ECI 5	39750	2506	-	21.46	22.70	1.330	62.9	1.006	0.17	0.444	0.594
	LTE Band 41	20M	QPSK	50	0	-	Bottom Side	10mm	Ant 4	ECI 5	40185	2549.5	-	21.42	22.70	1.343	62.9	1.006	0.18	0.455	0.615
	LTE Band 41	20M	QPSK	50	0	-	Bottom Side	10mm	Ant 4	ECI 5	41055	2636.5	-	21.50	22.70	1.318	62.9	1.006	-0.04	0.468	0.621
	LTE Band 41	20M	QPSK	50	0	-	Bottom Side	10mm	Ant 4	ECI 5	41490	2680	-	21.42	22.70	1.343	62.9	1.006	-0.08	0.446	0.603
	LTE Band 41	20M	QPSK	100	0	-	Bottom Side	10mm	Ant 4	ECI 5	40620	2593	-	21.43	22.70	1.340	62.9	1.006	-0.13	0.461	0.621
	LTE Band 41	20M	QPSK	1	0	-	Front	10mm	Ant 5	ECI 5	40620	2593	-	18.16	19.50	1.361	62.9	1.006	-0.18	0.105	0.144
	LTE Band 41	20M	QPSK	50	0	-	Front	10mm	Ant 5	ECI 5	40620	2593	-	18.06	19.50	1.393	62.9	1.006	-0.06	0.103	0.144
	LTE Band 41	20M	QPSK	1	0	-	Back	10mm	Ant 5	ECI 5	40620	2593	-	18.16	19.50	1.361	62.9	1.006	0.07	0.162	0.222
	LTE Band 41	20M	QPSK	50	0	-	Back	10mm	Ant 5	ECI 5	40620	2593	-	18.06	19.50	1.393	62.9	1.006	-0.15	0.153	0.214
	LTE Band 41	20M	QPSK	1	0	-	Left Side	10mm	Ant 5	ECI 5	40620	2593	-	18.16	19.50	1.361	62.9	1.006	-0.15	0.088	0.120
	LTE Band 41	20M	QPSK	50	0	-	Left Side	10mm	Ant 5	ECI 5	40620	2593	-	18.06	19.50	1.393	62.9	1.006	-0.08	0.091	0.128
	LTE Band 41	20M	QPSK	1	0	-	Top Side	10mm	Ant 5	ECI 5	40620	2593	-	18.16	19.50	1.361	62.9	1.006	0.06	0.260	0.356
	LTE Band 41	20M	QPSK	50	0	-	Top Side	10mm	Ant 5	ECI 5	40620	2593	-	18.06	19.50	1.393	62.9	1.006	-0.07	0.246	0.345
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Front	10mm	Ant 2	ECI 5	507000	2535	code:b0	18.28	18.70	1.102	-	-	-0.17	0.249	0.274
	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Front	10mm	Ant 2	ECI 5	507000	2535	code:b0	18.09	18.70	1.151	-	-	-0.1	0.270	0.311
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Back	10mm	Ant 2	ECI 5	507000	2535	code:b0	18.28	18.70	1.102	-	-	0.18	0.288	0.317
	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Back	10mm	Ant 2	ECI 5	507000	2535	code:b0	18.09	18.70	1.151	-	-	-0.17	0.326	0.375
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Right Side	10mm	Ant 2	ECI 5	507000	2535	code:b0	18.28	18.70	1.102	-	-	-0.17	0.502	0.553
	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Right Side	10mm	Ant 2	ECI 5	507000	2535	code:b0	18.09	18.70	1.151	-	-	0.02	0.534	0.615
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Front	10mm	Ant 3	ECI 5	507000	2535	code:e	16.29	17.20	1.233	-	-	0.02	0.151	0.186

	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Front	10mm	Ant 3	ECI 5	507000	2535	code:e	16.14	17.20	1.276	-	-	0.16	0.164	0.209
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Back	10mm	Ant 3	ECI 5	507000	2535	code:e	16.29	17.20	1.233	-	-	-0.03	0.168	0.207
	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Back	10mm	Ant 3	ECI 5	507000	2535	code:e	16.14	17.20	1.276	-	-	0.07	0.187	0.239
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Left Side	10mm	Ant 3	ECI 5	507000	2535	code:e	16.29	17.20	1.233	-	-	-0.03	0.238	0.293
	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Left Side	10mm	Ant 3	ECI 5	507000	2535	code:e	16.14	17.20	1.276	-	-	0.01	0.229	0.292
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Top Side	10mm	Ant 3	ECI 5	507000	2535	code:e	16.29	17.20	1.233	-	-	-0.04	0.083	0.102
	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Top Side	10mm	Ant 3	ECI 5	507000	2535	code:e	16.14	17.20	1.276	-	-	-0.09	0.080	0.102
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Front	10mm	Ant 4	ECI 5	507000	2535	-	20.75	21.70	1.245	-	-	0.05	0.303	0.377
	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Front	10mm	Ant 4	ECI 5	507000	2535	-	20.66	21.70	1.271	-	-	0.05	0.297	0.377
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Back	10mm	Ant 4	ECI 5	507000	2535	-	20.75	21.70	1.245	-	-	-0.03	0.329	0.410
	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Back	10mm	Ant 4	ECI 5	507000	2535	-	20.66	21.70	1.271	-	-	-0.15	0.341	0.433
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Left Side	10mm	Ant 4	ECI 5	507000	2535	-	20.75	21.70	1.245	-	-	0.02	0.093	0.116
	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Left Side	10mm	Ant 4	ECI 5	507000	2535	-	20.66	21.70	1.271	-	-	0.07	0.083	0.105
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Bottom Side	10mm	Ant 4	ECI 5	507000	2535	-	20.75	21.70	1.245	-	-	-0.18	0.480	0.598
64	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Bottom Side	10mm	Ant 4	ECI 5	507000	2535	-	20.66	21.70	1.271	-	-	0.07	0.504	**0.641**
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Front	10mm	Ant 5	ECI 5	507000	2535	-	15.77	17.50	1.489	-	-	-0.12	0.117	0.174
	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Front	10mm	Ant 5	ECI 5	507000	2535	-	15.63	17.50	1.538	-	-	0.03	0.114	0.175
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Back	10mm	Ant 5	ECI 5	507000	2535	-	15.77	17.50	1.489	-	-	-0.16	0.174	0.259
	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Back	10mm	Ant 5	ECI 5	507000	2535	-	15.63	17.50	1.538	-	-	-0.02	0.169	0.260
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Left Side	10mm	Ant 5	ECI 5	507000	2535	-	15.77	17.50	1.489	-	-	0.15	0.067	0.100
	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Left Side	10mm	Ant 5	ECI 5	507000	2535	-	15.63	17.50	1.538	-	-	-0.09	0.066	0.102
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Top Side	10mm	Ant 5	ECI 5	507000	2535	-	15.77	17.50	1.489	-	-	0.05	0.324	0.482
	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Top Side	10mm	Ant 5	ECI 5	507000	2535	-	15.63	17.50	1.538	-	-	0.16	0.312	0.480
	FR1 n38	40M	QPSK	1	1	DFT-SCS-30KHz	Front	10mm	Ant 2	ECI 5	519000	2595	code:b0	17.69	18.20	1.125	-	-	-0.13	0.259	0.291
	FR1 n38	40M	QPSK	50	28	DFT-SCS-30KHz	Front	10mm	Ant 2	ECI 5	519000	2595	code:b0	17.69	18.20	1.125	-	-	-0.13	0.239	0.269
	FR1 n38	40M	QPSK	1	1	DFT-SCS-30KHz	Back	10mm	Ant 2	ECI 5	519000	2595	code:b0	17.69	18.20	1.125	-	-	0.06	0.318	0.358
	FR1 n38	40M	QPSK	50	28	DFT-SCS-30KHz	Back	10mm	Ant 2	ECI 5	519000	2595	code:b0	17.69	18.20	1.125	-	-	-0.03	0.285	0.321
	FR1 n38	40M	QPSK	1	1	DFT-SCS-30KHz	Right Side	10mm	Ant 2	ECI 5	519000	2595	code:b0	17.69	18.20	1.125	-	-	0.03	0.451	0.507
	FR1 n38	40M	QPSK	50	28	DFT-SCS-30KHz	Right Side	10mm	Ant 2	ECI 5	519000	2595	code:b0	17.69	18.20	1.125	-	-	-0.07	0.404	0.455
	FR1 n38	40M	QPSK	1	1	DFT-SCS-30KHz	Front	10mm	Ant 3	ECI 5	519000	2595	code:e	16.24	17.20	1.247	-	-	-0.04	0.202	0.252
	FR1 n38	40M	QPSK	50	28	DFT-SCS-30KHz	Front	10mm	Ant 3	ECI 5	519000	2595	code:e	16.13	17.20	1.279	-	-	-0.01	0.189	0.242
	FR1 n38	40M	QPSK	1	1	DFT-SCS-30KHz	Back	10mm	Ant 3	ECI 5	519000	2595	code:e	16.24	17.20	1.247	-	-	0.14	0.236	0.294
	FR1 n38	40M	QPSK	50	28	DFT-SCS-30KHz	Back	10mm	Ant 3	ECI 5	519000	2595	code:e	16.13	17.20	1.279	-	-	-0.11	0.233	0.298
	FR1 n38	40M	QPSK	1	1	DFT-SCS-30KHz	Left Side	10mm	Ant 3	ECI 5	519000	2595	code:e	16.24	17.20	1.247	-	-	-0.06	0.317	0.395
	FR1 n38	40M	QPSK	50	28	DFT-SCS-30KHz	Left Side	10mm	Ant 3	ECI 5	519000	2595	code:e	16.13	17.20	1.279	-	-	-0.15	0.292	0.373
	FR1 n38	40M	QPSK	1	1	DFT-SCS-30KHz	Top Side	10mm	Ant 3	ECI 5	519000	2595	code:e	16.24	17.20	1.247	-	-	0.16	0.054	0.067
	FR1 n38	40M	QPSK	50	28	DFT-SCS-30KHz	Top Side	10mm	Ant 3	ECI 5	519000	2595	code:e	16.13	17.20	1.279	-	-	-	n/a	n/a
	FR1 n38	40M	QPSK	1	1	DFT-SCS-30KHz	Front	10mm	Ant 4	ECI 5	519000	2595	-	19.25	20.20	1.245	-	-	0.08	0.305	0.380
	FR1 n38	40M	QPSK	50	28	DFT-SCS-30KHz	Front	10mm	Ant 4	ECI 5	519000	2595	-	19.12	20.20	1.282	-	-	0.01	0.296	0.379
	FR1 n38	40M	QPSK	1	1	DFT-SCS-30KHz	Back	10mm	Ant 4	ECI 5	519000	2595	-	19.25	20.20	1.245	-	-	0.03	0.375	0.467
	FR1 n38	40M	QPSK	50	28	DFT-SCS-30KHz	Back	10mm	Ant 4	ECI 5	519000	2595	-	19.12	20.20	1.282	-	-	-0.08	0.347	0.445
	FR1 n38	40M	QPSK	1	1	DFT-SCS-30KHz	Left Side	10mm	Ant 4	ECI 5	519000	2595	-	19.25	20.20	1.245	-	-	-0.08	0.068	0.085
	FR1 n38	40M	QPSK	50	28	DFT-SCS-30KHz	Left Side	10mm	Ant 4	ECI 5	519000	2595	-	19.12	20.20	1.282	-	-	0.1	0.066	0.085
65	FR1 n38	40M	QPSK	1	1	DFT-SCS-30KHz	Bottom Side	10mm	Ant 4	ECI 5	519000	2595	-	19.25	20.20	1.245	-	-	0.15	0.523	**0.651**
	FR1 n38	40M	QPSK	50	28	DFT-SCS-30KHz	Bottom Side	10mm	Ant 4	ECI 5	519000	2595	-	19.12	20.20	1.282	-	-	0.12	0.501	0.642
	FR1 n38	40M	QPSK	1	1	DFT-SCS-30KHz	Front	10mm	Ant 5	ECI 5	519000	2595	-	16.55	18.00	1.396	-	-	0.08	0.114	0.159
	FR1 n38	40M	QPSK	50	28	DFT-SCS-30KHz	Front	10mm	Ant 5	ECI 5	519000	2595	-	16.50	18.00	1.413	-	-	-0.17	0.110	0.155
	FR1 n38	40M	QPSK	1	1	DFT-SCS-30KHz	Back	10mm	Ant 5	ECI 5	519000	2595	-	16.55	18.00	1.396	-	-	-0.03	0.177	0.247
	FR1 n38	40M	QPSK	50	28	DFT-SCS-30KHz	Back	10mm	Ant 5	ECI 5	519000	2595	-	16.50	18.00	1.413	-	-	0.14	0.156	0.220
	FR1 n38	40M	QPSK	1	1	DFT-SCS-30KHz	Left Side	10mm	Ant 5	ECI 5	519000	2595	-	16.55	18.00	1.396	-	-	0.11	0.115	0.161
	FR1 n38	40M	QPSK	50	28	DFT-SCS-30KHz	Left Side	10mm	Ant 5	ECI 5	519000	2595	-	16.50	18.00	1.413	-	-	-0.05	0.091	0.129
	FR1 n38	40M	QPSK	1	1	DFT-SCS-30KHz	Top Side	10mm	Ant 5	ECI 5	519000	2595	-	16.55	18.00	1.396	-	-	0.15	0.287	0.401
	FR1 n38	40M	QPSK	50	28	DFT-SCS-30KHz	Top Side	10mm	Ant 5	ECI 5	519000	2595	-	16.50	18.00	1.413	-	-	-0.17	0.258	0.365
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Front	10mm	Ant 2	ECI 5	518598	2592.99	code:b0	16.93	17.50	1.140	-	-	0.11	0.155	0.177
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Front	10mm	Ant 2	ECI 5	518598	2592.99	code:b0	16.80	17.50	1.175	-	-	-0.08	0.130	0.153
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Back	10mm	Ant 2	ECI 5	518598	2592.99	code:b0	16.93	17.50	1.140	-	-	-0.17	0.174	0.198

	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Back	10mm	Ant 2	ECI 5	518598	2592.99	code:b0	16.80	17.50	1.175	-	-	-0.08	0.167	0.196
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	10mm	Ant 2	ECI 5	518598	2592.99	code:b0	16.93	17.50	1.140	-	-	0.17	0.298	0.340
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Right Side	10mm	Ant 2	ECI 5	518598	2592.99	code:b0	16.80	17.50	1.175	-	-	0.18	0.240	0.282
	FR1 n41_HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	10mm	Ant 2	ECI 5	518598	2592.99	code:b0	19.75	20.50	1.189	50	1.000	0.08	0.313	0.372
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Front	10mm	Ant 3	ECI 5	518598	2592.99	code:e	15.67	17.00	1.358	-	-	-0.02	0.162	0.220
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Front	10mm	Ant 3	ECI 5	518598	2592.99	code:e	15.56	17.00	1.393	-	-	-0.09	0.170	0.237
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Back	10mm	Ant 3	ECI 5	518598	2592.99	code:e	15.67	17.00	1.358	-	-	0.14	0.181	0.246
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Back	10mm	Ant 3	ECI 5	518598	2592.99	code:e	15.56	17.00	1.393	-	-	0.1	0.209	0.291
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	10mm	Ant 3	ECI 5	518598	2592.99	code:e	15.67	17.00	1.358	-	-	-0.09	0.246	0.334
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Left Side	10mm	Ant 3	ECI 5	518598	2592.99	code:e	15.56	17.00	1.393	-	-	0.07	0.289	0.403
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	10mm	Ant 3	ECI 5	518598	2592.99	code:e	15.67	17.00	1.358	-	-	-0.18	0.074	0.100
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	10mm	Ant 3	ECI 5	518598	2592.99	code:e	15.56	17.00	1.393	-	-	-	n/a	n/a
	FR1 n41_HPUE	100M	QPSK	135	69	DFT-SCS-30KHz	Left Side	10mm	Ant 3	ECI 5	518598	2592.99	code:e	18.60	20.00	1.380	50	1.000	0.11	0.315	0.435
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Front	10mm	Ant 4	ECI 5	518598	2592.99	-	18.97	20.00	1.268	-	-	0.17	0.203	0.257
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Front	10mm	Ant 4	ECI 5	518598	2592.99	-	18.86	20.00	1.300	-	-	-0.05	0.193	0.251
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Back	10mm	Ant 4	ECI 5	518598	2592.99	-	18.97	20.00	1.268	-	-	0.01	0.240	0.304
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Back	10mm	Ant 4	ECI 5	518598	2592.99	-	18.86	20.00	1.300	-	-	0.1	0.239	0.311
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	10mm	Ant 4	ECI 5	518598	2592.99	-	18.97	20.00	1.268	-	-	-0.17	0.051	0.065
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Left Side	10mm	Ant 4	ECI 5	518598	2592.99	-	18.86	20.00	1.300	-	-	0.04	0.049	0.064
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Bottom Side	10mm	Ant 4	ECI 5	518598	2592.99	-	18.97	20.00	1.268	-	-	0.05	0.429	0.544
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Bottom Side	10mm	Ant 4	ECI 5	518598	2592.99	-	18.86	20.00	1.300	-	-	0.06	0.384	0.499
66	FR1 n41_HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Bottom Side	10mm	Ant 4	ECI 5	518598	2592.99	-	21.69	23.00	1.352	50	1.000	0.02	0.436	**0.589**
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Front	10mm	Ant 5	ECI 5	518598	2592.99	-	16.03	17.50	1.403	-	-	-0.09	0.101	0.142
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Front	10mm	Ant 5	ECI 5	518598	2592.99	-	15.87	17.50	1.455	-	-	-0.08	0.089	0.129
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Back	10mm	Ant 5	ECI 5	518598	2592.99	-	16.03	17.50	1.403	-	-	0.13	0.159	0.223
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Back	10mm	Ant 5	ECI 5	518598	2592.99	-	15.87	17.50	1.455	-	-	0.12	0.143	0.208
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	10mm	Ant 5	ECI 5	518598	2592.99	-	16.03	17.50	1.403	-	-	0.03	0.084	0.118
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Left Side	10mm	Ant 5	ECI 5	518598	2592.99	-	15.87	17.50	1.455	-	-	0.18	0.092	0.134
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	10mm	Ant 5	ECI 5	518598	2592.99	-	16.03	17.50	1.403	-	-	0.07	0.299	0.419
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	10mm	Ant 5	ECI 5	518598	2592.99	-	15.87	17.50	1.455	-	-	0.18	0.246	0.358
	FR1 n41_HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	10mm	Ant 5	ECI 5	518598	2592.99	-	18.90	20.50	1.445	50	1.000	0.08	0.313	0.452
3500MHz																					
	LTE Band 42	20M	QPSK	1	0	-	Front	10mm	Ant 6	ECI 5	42590	3500	-	16.20	16.70	1.122	62.9	1.006	-0.1	0.097	0.109
	LTE Band 42	20M	QPSK	50	0	-	Front	10mm	Ant 6	ECI 5	42590	3500	-	16.07	16.70	1.156	62.9	1.006	0.07	0.102	0.119
	LTE Band 42	20M	QPSK	1	0	-	Back	10mm	Ant 6	ECI 5	42590	3500	-	16.20	16.70	1.122	62.9	1.006	0.18	0.117	0.132
	LTE Band 42	20M	QPSK	50	0	-	Back	10mm	Ant 6	ECI 5	42590	3500	-	16.07	16.70	1.156	62.9	1.006	-0.1	0.118	0.137
	LTE Band 42	20M	QPSK	1	0	-	Right Side	10mm	Ant 6	ECI 5	42590	3500	-	16.20	16.70	1.122	62.9	1.006	0.01	0.041	0.046
	LTE Band 42	20M	QPSK	50	0	-	Right Side	10mm	Ant 6	ECI 5	42590	3500	-	16.07	16.70	1.156	62.9	1.006	-0.15	0.046	0.053
	LTE Band 42	20M	QPSK	1	0	-	Top Side	10mm	Ant 6	ECI 5	42590	3500	-	16.20	16.70	1.122	62.9	1.006	0.19	0.171	0.193
	LTE Band 42	20M	QPSK	50	0	-	Top Side	10mm	Ant 6	ECI 5	42590	3500	-	16.07	16.70	1.156	62.9	1.006	0.05	0.179	0.208
	LTE Band 42	20M	QPSK	1	0	-	Front	10mm	Ant 7	ECI 5	42590	3500	-	20.85	22.00	1.303	62.9	1.006	0.16	0.174	0.228
	LTE Band 42	20M	QPSK	50	0	-	Front	10mm	Ant 7	ECI 5	42590	3500	-	20.79	22.00	1.321	62.9	1.006	0.19	0.184	0.245
	LTE Band 42	20M	QPSK	1	0	-	Back	10mm	Ant 7	ECI 5	42590	3500	-	20.85	22.00	1.303	62.9	1.006	0.13	0.337	0.442
	LTE Band 42	20M	QPSK	50	0	-	Back	10mm	Ant 7	ECI 5	42590	3500	-	20.79	22.00	1.321	62.9	1.006	-0.03	0.350	0.465
	LTE Band 42	20M	QPSK	1	0	-	Left Side	10mm	Ant 7	ECI 5	42590	3500	-	20.85	22.00	1.303	62.9	1.006	0.12	0.462	0.606
	LTE Band 42	20M	QPSK	1	0	-	Left Side	10mm	Ant 7	ECI 5	42190	3460	-	20.73	22.00	1.340	62.9	1.006	0.08	0.443	0.597
	LTE Band 42	20M	QPSK	1	0	-	Left Side	10mm	Ant 7	ECI 5	42990	3540	-	20.80	22.00	1.318	62.9	1.006	0.03	0.456	0.604
67	LTE Band 42	20M	QPSK	50	0	-	Left Side	10mm	Ant 7	ECI 5	42590	3500	-	20.79	22.00	1.321	62.9	1.006	0.05	0.510	**0.678**
	LTE Band 42	20M	QPSK	50	0	-	Left Side	10mm	Ant 7	ECI 5	42190	3460	-	20.64	22.00	1.368	62.9	1.006	-0.04	0.482	0.663
	LTE Band 42	20M	QPSK	50	0	-	Left Side	10mm	Ant 7	ECI 5	42990	3540	-	20.60	22.00	1.380	62.9	1.006	0.01	0.471	0.654
	LTE Band 42	20M	QPSK	100	0	-	Left Side	10mm	Ant 7	ECI 5	42590	3500	-	20.63	22.00	1.371	62.9	1.006	-0.05	0.438	0.604
	LTE Band 42	20M	QPSK	1	0	-	Front	10mm	Ant 8	ECI 5	42590	3500	-	18.34	19.50	1.306	62.9	1.006	-0.09	0.103	0.135
	LTE Band 42	20M	QPSK	50	0	-	Front	10mm	Ant 8	ECI 5	42590	3500	-	18.27	19.50	1.327	62.9	1.006	-0.08	0.105	0.140
	LTE Band 42	20M	QPSK	1	0	-	Back	10mm	Ant 8	ECI 5	42590	3500	-	18.34	19.50	1.306	62.9	1.006	0.13	0.130	0.171
	LTE Band 42	20M	QPSK	50	0	-	Back	10mm	Ant 8	ECI 5	42590	3500	-	18.27	19.50	1.327	62.9	1.006	0.12	0.124	0.166

	LTE Band 42	20M	QPSK	1	0	-	Right Side	10mm	Ant 8	ECI 5	42590	3500	-	18.34	19.50	1.306	62.9	1.006	0.03	0.225	0.296
	LTE Band 42	20M	QPSK	50	0	-	Right Side	10mm	Ant 8	ECI 5	42590	3500	-	18.27	19.50	1.327	62.9	1.006	0.04	0.242	0.323
	LTE Band 42	20M	QPSK	1	0	-	Top Side	10mm	Ant 8	ECI 5	42590	3500	-	18.34	19.50	1.306	62.9	1.006	0.18	0.021	0.028
	LTE Band 42	20M	QPSK	50	0	-	Top Side	10mm	Ant 8	ECI 5	42590	3500	-	18.27	19.50	1.327	62.9	1.006	0.16	0.029	0.039
	LTE Band 42	20M	QPSK	1	0	-	Front	10mm	Ant 9	ECI 5	42590	3500	-	16.17	17.50	1.358	62.9	1.006	0.03	0.029	0.040
	LTE Band 42	20M	QPSK	50	0	-	Front	10mm	Ant 9	ECI 5	42590	3500	-	16.03	17.50	1.403	62.9	1.006	-0.06	0.029	0.041
	LTE Band 42	20M	QPSK	1	0	-	Back	10mm	Ant 9	ECI 5	42590	3500	-	16.17	17.50	1.358	62.9	1.006	-0.02	0.207	0.283
	LTE Band 42	20M	QPSK	50	0	-	Back	10mm	Ant 9	ECI 5	42590	3500	-	16.03	17.50	1.403	62.9	1.006	0.01	0.195	0.275
	LTE Band 42	20M	QPSK	1	0	-	Left Side	10mm	Ant 9	ECI 5	42590	3500	-	16.17	17.50	1.358	62.9	1.006	-0.03	0.050	0.068
	LTE Band 42	20M	QPSK	50	0	-	Left Side	10mm	Ant 9	ECI 5	42590	3500	-	16.03	17.50	1.403	62.9	1.006	0.03	0.049	0.069
	LTE Band 42	20M	QPSK	1	0	-	Top Side	10mm	Ant 9	ECI 5	42590	3500	-	16.17	17.50	1.358	62.9	1.006	-0.11	0.036	0.049
	LTE Band 42	20M	QPSK	50	0	-	Top Side	10mm	Ant 9	ECI 5	42590	3500	-	16.03	17.50	1.403	62.9	1.006	0.18	0.036	0.051
	LTE Band 48	20M	QPSK	1	0	-	Front	10mm	Ant 6	ECI 5	55830	3609	-	16.82	17.50	1.169	62.9	1.006	0.1	0.081	0.095
	LTE Band 48	20M	QPSK	50	0	-	Front	10mm	Ant 6	ECI 5	55830	3609	-	16.75	17.50	1.189	62.9	1.006	-0.17	0.081	0.097
	LTE Band 48	20M	QPSK	1	0	-	Back	10mm	Ant 6	ECI 5	55830	3609	-	16.82	17.50	1.169	62.9	1.006	0.04	0.090	0.106
	LTE Band 48	20M	QPSK	50	0	-	Back	10mm	Ant 6	ECI 5	55830	3609	-	16.75	17.50	1.189	62.9	1.006	-0.01	0.091	0.109
	LTE Band 48	20M	QPSK	1	0	-	Right Side	10mm	Ant 6	ECI 5	55830	3609	-	16.82	17.50	1.169	62.9	1.006	-0.08	0.035	0.041
	LTE Band 48	20M	QPSK	50	0	-	Right Side	10mm	Ant 6	ECI 5	55830	3609	-	16.75	17.50	1.189	62.9	1.006	0.05	0.034	0.041
	LTE Band 48	20M	QPSK	1	0	-	Top Side	10mm	Ant 6	ECI 5	55830	3609	-	16.82	17.50	1.169	62.9	1.006	0.06	0.149	0.175
	LTE Band 48	20M	QPSK	50	0	-	Top Side	10mm	Ant 6	ECI 5	55830	3609	-	16.75	17.50	1.189	62.9	1.006	0.09	0.161	0.193
	LTE Band 48	20M	QPSK	1	0	-	Front	10mm	Ant 7	ECI 5	55830	3609	-	18.83	20.00	1.309	62.9	1.006	-0.17	0.080	0.105
	LTE Band 48	20M	QPSK	50	0	-	Front	10mm	Ant 7	ECI 5	55830	3609	-	18.79	20.00	1.321	62.9	1.006	0.17	0.084	0.112
	LTE Band 48	20M	QPSK	1	0	-	Back	10mm	Ant 7	ECI 5	55830	3609	-	18.83	20.00	1.309	62.9	1.006	-0.05	0.187	0.246
	LTE Band 48	20M	QPSK	50	0	-	Back	10mm	Ant 7	ECI 5	55830	3609	-	18.79	20.00	1.321	62.9	1.006	0.01	0.190	0.252
	LTE Band 48	20M	QPSK	1	0	-	Left Side	10mm	Ant 7	ECI 5	55830	3609	-	18.83	20.00	1.309	62.9	1.006	0.1	0.209	0.275
	LTE Band 48	20M	QPSK	50	0	-	Left Side	10mm	Ant 7	ECI 5	55830	3609	-	18.79	20.00	1.321	62.9	1.006	-0.17	0.212	0.282
	LTE Band 48	20M	QPSK	1	0	-	Front	10mm	Ant 8	ECI 5	55830	3609	-	18.85	20.00	1.303	62.9	1.006	-0.05	0.148	0.194
	LTE Band 48	20M	QPSK	50	0	-	Front	10mm	Ant 8	ECI 5	55830	3609	-	18.74	20.00	1.337	62.9	1.006	0.18	0.150	0.202
	LTE Band 48	20M	QPSK	1	0	-	Back	10mm	Ant 8	ECI 5	55830	3609	-	18.85	20.00	1.303	62.9	1.006	0.14	0.203	0.266
	LTE Band 48	20M	QPSK	50	0	-	Back	10mm	Ant 8	ECI 5	55830	3609	-	18.74	20.00	1.337	62.9	1.006	-0.17	0.199	0.268
	LTE Band 48	20M	QPSK	1	0	-	Right Side	10mm	Ant 8	ECI 5	55830	3609	-	18.85	20.00	1.303	62.9	1.006	0.17	0.288	0.378
68	LTE Band 48	20M	QPSK	50	0	-	Right Side	10mm	Ant 8	ECI 5	55830	3609	-	18.74	20.00	1.337	62.9	1.006	0.01	0.305	**0.410**
	LTE Band 48	20M	QPSK	1	0	-	Top Side	10mm	Ant 8	ECI 5	55830	3609	-	18.85	20.00	1.303	62.9	1.006	-0.05	0.052	0.068
	LTE Band 48	20M	QPSK	50	0	-	Top Side	10mm	Ant 8	ECI 5	55830	3609	-	18.74	20.00	1.337	62.9	1.006	0.01	0.045	0.061
	LTE Band 48	20M	QPSK	1	0	-	Front	10mm	Ant 9	ECI 5	55830	3609	-	14.82	16.00	1.312	62.9	1.006	0.08	0.016	0.021
	LTE Band 48	20M	QPSK	50	0	-	Front	10mm	Ant 9	ECI 5	55830	3609	-	14.71	16.00	1.346	62.9	1.006	0.01	0.017	0.023
	LTE Band 48	20M	QPSK	1	0	-	Back	10mm	Ant 9	ECI 5	55830	3609	-	14.82	16.00	1.312	62.9	1.006	0.03	0.210	0.277
	LTE Band 48	20M	QPSK	50	0	-	Back	10mm	Ant 9	ECI 5	55830	3609	-	14.71	16.00	1.346	62.9	1.006	0.1	0.200	0.271
	LTE Band 48	20M	QPSK	1	0	-	Left Side	10mm	Ant 9	ECI 5	55830	3609	-	14.82	16.00	1.312	62.9	1.006	-0.17	0.041	0.054
	LTE Band 48	20M	QPSK	50	0	-	Left Side	10mm	Ant 9	ECI 5	55830	3609	-	14.71	16.00	1.346	62.9	1.006	-0.03	0.041	0.056
	LTE Band 48	20M	QPSK	1	0	-	Top Side	10mm	Ant 9	ECI 5	55830	3609	-	14.82	16.00	1.312	62.9	1.006	0.14	0.026	0.034
	LTE Band 48	20M	QPSK	50	0	-	Top Side	10mm	Ant 9	ECI 5	55830	3609	-	14.71	16.00	1.346	62.9	1.006	0.11	0.026	0.035
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Front	10mm	Ant 6	ECI 5	641666	3624.99	-	13.87	14.50	1.156	-	-	0.11	0.070	0.081
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Front	10mm	Ant 6	ECI 5	641666	3624.99	-	13.75	14.50	1.189	-	-	-0.06	0.068	0.081
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Back	10mm	Ant 6	ECI 5	641666	3624.99	-	13.87	14.50	1.156	-	-	-0.02	0.081	0.094
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Back	10mm	Ant 6	ECI 5	641666	3624.99	-	13.75	14.50	1.189	-	-	0.02	0.075	0.089
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Right Side	10mm	Ant 6	ECI 5	641666	3624.99	-	13.87	14.50	1.156	-	-	-0.11	0.031	0.036
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Right Side	10mm	Ant 6	ECI 5	641666	3624.99	-	13.75	14.50	1.189	-	-	-0.11	0.030	0.036
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Top Side	10mm	Ant 6	ECI 5	641666	3624.99	-	13.87	14.50	1.156	-	-	-0.05	0.123	0.142
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Top Side	10mm	Ant 6	ECI 5	641666	3624.99	-	13.75	14.50	1.189	-	-	0.06	0.141	0.168
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Front	10mm	Ant 7	ECI 5	641666	3624.99	-	17.54	18.50	1.247	-	-	0.18	0.064	0.080
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Front	10mm	Ant 7	ECI 5	641666	3624.99	-	17.44	18.50	1.276	-	-	0.14	0.066	0.084
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Back	10mm	Ant 7	ECI 5	641666	3624.99	-	17.54	18.50	1.247	-	-	0.03	0.140	0.175
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Back	10mm	Ant 7	ECI 5	641666	3624.99	-	17.44	18.50	1.276	-	-	0.09	0.142	0.181
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Left Side	10mm	Ant 7	ECI 5	641666	3624.99	-	17.54	18.50	1.247	-	-	-0.13	0.156	0.195
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Left Side	10mm	Ant 7	ECI 5	641666	3624.99	-	17.44	18.50	1.276	-	-	0.01	0.157	0.200

	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Front	10mm	Ant 8	ECI 5	641666	3624.99	-	15.27	16.00	1.183	-	-	0.1	0.118	0.140
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Front	10mm	Ant 8	ECI 5	641666	3624.99	-	15.11	16.00	1.227	-	-	0.15	0.105	0.129
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Back	10mm	Ant 8	ECI 5	641666	3624.99	-	15.27	16.00	1.183	-	-	0.12	0.149	0.176
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Back	10mm	Ant 8	ECI 5	641666	3624.99	-	15.11	16.00	1.227	-	-	-0.12	0.149	0.183
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Right Side	10mm	Ant 8	ECI 5	641666	3624.99	-	15.27	16.00	1.183	-	-	0.01	0.251	0.297
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Right Side	10mm	Ant 8	ECI 5	641666	3624.99	-	15.11	16.00	1.227	-	-	-0.13	0.241	0.296
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Top Side	10mm	Ant 8	ECI 5	641666	3624.99	-	15.27	16.00	1.183	-	-	-	n/a	n/a
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Top Side	10mm	Ant 8	ECI 5	641666	3624.99	-	15.11	16.00	1.227	-	-	-0.12	0.042	0.052
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Front	10mm	Ant 9	ECI 5	641666	3624.99	-	12.54	13.50	1.247	-	-	-0.15	0.016	0.020
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Front	10mm	Ant 9	ECI 5	641666	3624.99	-	12.49	13.50	1.262	-	-	-	n/a	n/a
69	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Back	10mm	Ant 9	ECI 5	641666	3624.99	-	12.54	13.50	1.247	-	-	-0.09	0.242	**0.302**
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Back	10mm	Ant 9	ECI 5	641666	3624.99	-	12.49	13.50	1.262	-	-	0.11	0.230	0.290
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Left Side	10mm	Ant 9	ECI 5	641666	3624.99	-	12.54	13.50	1.247	-	-	-0.12	0.042	0.052
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Left Side	10mm	Ant 9	ECI 5	641666	3624.99	-	12.49	13.50	1.262	-	-	0.19	0.039	0.049
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Top Side	10mm	Ant 9	ECI 5	641666	3624.99	-	12.54	13.50	1.247	-	-	-0.03	0.025	0.031
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Top Side	10mm	Ant 9	ECI 5	641666	3624.99	-	12.49	13.50	1.262	-	-	-0.08	0.022	0.028
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Front	10mm	Ant 6	ECI 5	656000	3840	-	13.03	13.50	1.114	-	-	-0.02	0.038	0.042
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Front	10mm	Ant 6	ECI 5	656000	3840	-	12.95	13.50	1.135	-	-	-0.05	0.036	0.041
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Back	10mm	Ant 6	ECI 5	656000	3840	-	13.03	13.50	1.114	-	-	0.1	0.046	0.051
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Back	10mm	Ant 6	ECI 5	656000	3840	-	12.95	13.50	1.135	-	-	0.13	0.041	0.047
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	10mm	Ant 6	ECI 5	656000	3840	-	13.03	13.50	1.114	-	-	-	n/a	n/a
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Right Side	10mm	Ant 6	ECI 5	656000	3840	-	12.95	13.50	1.135	-	-	-	n/a	n/a
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	10mm	Ant 6	ECI 5	656000	3840	-	13.03	13.50	1.114	-	-	-0.13	0.089	0.099
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	10mm	Ant 6	ECI 5	656000	3840	-	12.95	13.50	1.135	-	-	0.05	0.091	0.103
	FR1 n77_HPUE	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	10mm	Ant 6	ECI 5	656000	3840	-	15.85	16.50	1.161	50	1.000	0.01	0.097	0.112
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Front	10mm	Ant 6	ECI 5	633332	3499.98	-	13.09	13.50	1.099	-	-	0.03	0.078	0.086
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Front	10mm	Ant 6	ECI 5	633332	3499.98	-	12.94	13.50	1.138	-	-	-0.11	0.077	0.088
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Back	10mm	Ant 6	ECI 5	633332	3499.98	-	13.09	13.50	1.099	-	-	-0.16	0.097	0.107
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Back	10mm	Ant 6	ECI 5	633332	3499.98	-	12.94	13.50	1.138	-	-	0.15	0.098	0.112
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	10mm	Ant 6	ECI 5	633332	3499.98	-	13.09	13.50	1.099	-	-	0.15	0.039	0.043
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Right Side	10mm	Ant 6	ECI 5	633332	3499.98	-	12.94	13.50	1.138	-	-	-0.1	0.035	0.040
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	10mm	Ant 6	ECI 5	633332	3499.98	-	13.09	13.50	1.099	-	-	0.17	0.150	0.165
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	10mm	Ant 6	ECI 5	633332	3499.98	-	12.94	13.50	1.138	-	-	0.13	0.158	0.180
	FR1 n77_HPUE	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	10mm	Ant 6	ECI 5	633332	3499.98	-	15.88	16.50	1.153	50	1.000	0.05	0.169	0.195
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Front	10mm	Ant 7	ECI 5	656000	3840	-	17.11	18.50	1.377	-	-	-0.1	0.086	0.118
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Front	10mm	Ant 7	ECI 5	656000	3840	-	16.96	18.50	1.426	-	-	0.14	0.088	0.125
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Back	10mm	Ant 7	ECI 5	656000	3840	-	17.11	18.50	1.377	-	-	-0.16	0.106	0.146
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Back	10mm	Ant 7	ECI 5	656000	3840	-	16.96	18.50	1.426	-	-	-0.02	0.083	0.118
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	10mm	Ant 7	ECI 5	656000	3840	-	17.11	18.50	1.377	-	-	0.02	0.120	0.165
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Left Side	10mm	Ant 7	ECI 5	656000	3840	-	16.96	18.50	1.426	-	-	0.1	0.105	0.150
	FR1 n77_HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	10mm	Ant 7	ECI 5	656000	3840	-	19.94	21.50	1.432	50	1.000	-0.09	0.109	0.156
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Front	10mm	Ant 7	ECI 5	633332	3499.98	-	17.35	18.50	1.303	-	-	0.04	0.102	0.133
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Front	10mm	Ant 7	ECI 5	633332	3499.98	-	17.31	18.50	1.315	-	-	0.17	0.095	0.125
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Back	10mm	Ant 7	ECI 5	633332	3499.98	-	17.35	18.50	1.303	-	-	-0.1	0.175	0.228
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Back	10mm	Ant 7	ECI 5	633332	3499.98	-	17.31	18.50	1.315	-	-	0.17	0.200	0.263
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	10mm	Ant 7	ECI 5	633332	3499.98	-	17.35	18.50	1.303	-	-	-0.15	0.291	0.379
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Left Side	10mm	Ant 7	ECI 5	633332	3499.98	-	17.31	18.50	1.315	-	-	0.18	0.258	0.339
	FR1 n77_HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	10mm	Ant 7	ECI 5	633332	3499.98	-	20.26	21.50	1.330	50	1.000	0.01	0.307	0.408
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Front	10mm	Ant 8	ECI 5	656000	3840	-	16.92	18.00	1.282	-	-	-0.09	0.128	0.164
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Front	10mm	Ant 8	ECI 5	656000	3840	-	16.85	18.00	1.303	-	-	-0.09	0.098	0.128
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Back	10mm	Ant 8	ECI 5	656000	3840	-	16.92	18.00	1.282	-	-	-0.12	0.192	0.246
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Back	10mm	Ant 8	ECI 5	656000	3840	-	16.85	18.00	1.303	-	-	-0.06	0.153	0.199
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	10mm	Ant 8	ECI 5	656000	3840	-	16.92	18.00	1.282	-	-	0.13	0.294	0.377
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Right Side	10mm	Ant 8	ECI 5	656000	3840	-	16.85	18.00	1.303	-	-	-0.08	0.265	0.345
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	10mm	Ant 8	ECI 5	656000	3840	-	16.92	18.00	1.282	-	-	0.08	0.050	0.064

	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	10mm	Ant 8	ECI 5	656000	3840	-	16.85	18.00	1.303	-	-	-0.04	0.045	0.059
	FR1 n77_HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	10mm	Ant 8	ECI 5	656000	3840	-	19.70	21.00	1.349	50	1.000	0.06	0.306	0.413
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Front	10mm	Ant 8	ECI 5	633332	3499.98	-	16.95	18.00	1.274	-	-	0.12	0.105	0.134
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Front	10mm	Ant 8	ECI 5	633332	3499.98	-	16.75	18.00	1.334	-	-	0.09	0.126	0.168
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Back	10mm	Ant 8	ECI 5	633332	3499.98	-	16.95	18.00	1.274	-	-	-0.02	0.127	0.162
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Back	10mm	Ant 8	ECI 5	633332	3499.98	-	16.75	18.00	1.334	-	-	-0.16	0.150	0.200
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	10mm	Ant 8	ECI 5	633332	3499.98	-	16.95	18.00	1.274	-	-	0.08	0.302	0.385
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Right Side	10mm	Ant 8	ECI 5	633332	3499.98	-	16.75	18.00	1.334	-	-	-0.07	0.334	0.446
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	10mm	Ant 8	ECI 5	633332	3499.98	-	16.95	18.00	1.274	-	-	-	n/a	n/a
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	10mm	Ant 8	ECI 5	633332	3499.98	-	16.75	18.00	1.334	-	-	-0.13	0.033	0.044
70	FR1 n77_HPUE	100M	QPSK	135	69	DFT-SCS-30KHz	Right Side	10mm	Ant 8	ECI 5	633332	3499.98	-	19.44	21.00	1.432	50	1.000	0.05	0.340	**0.487**
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Front	10mm	Ant 9	ECI 5	656000	3840	-	11.42	13.00	1.439	-	-	-	n/a	n/a
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Front	10mm	Ant 9	ECI 5	656000	3840	-	11.38	13.00	1.452	-	-	-	n/a	n/a
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Back	10mm	Ant 9	ECI 5	656000	3840	-	11.42	13.00	1.439	-	-	-0.05	0.204	0.294
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Back	10mm	Ant 9	ECI 5	656000	3840	-	11.38	13.00	1.452	-	-	-0.04	0.212	0.308
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	10mm	Ant 9	ECI 5	656000	3840	-	11.42	13.00	1.439	-	-	0.14	0.031	0.045
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Left Side	10mm	Ant 9	ECI 5	656000	3840	-	11.38	13.00	1.452	-	-	0.03	0.027	0.039
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	10mm	Ant 9	ECI 5	656000	3840	-	11.42	13.00	1.439	-	-	-	n/a	n/a
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	10mm	Ant 9	ECI 5	656000	3840	-	11.38	13.00	1.452	-	-	-	n/a	n/a
	FR1 n77_HPUE	100M	QPSK	135	69	DFT-SCS-30KHz	Back	10mm	Ant 9	ECI 5	656000	3840	-	14.37	16.00	1.455	50	1.000	-0.09	0.213	0.310
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Front	10mm	Ant 9	ECI 5	633332	3499.98	-	11.75	13.00	1.334	-	-	0.13	0.016	0.021
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Front	10mm	Ant 9	ECI 5	633332	3499.98	-	11.65	13.00	1.365	-	-	0.18	0.017	0.023
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Back	10mm	Ant 9	ECI 5	633332	3499.98	-	11.75	13.00	1.334	-	-	-0.12	0.113	0.151
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Back	10mm	Ant 9	ECI 5	633332	3499.98	-	11.65	13.00	1.365	-	-	-0.02	0.136	0.186
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	10mm	Ant 9	ECI 5	633332	3499.98	-	11.75	13.00	1.334	-	-	0.15	0.029	0.039
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Left Side	10mm	Ant 9	ECI 5	633332	3499.98	-	11.65	13.00	1.365	-	-	-0.05	0.029	0.040
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	10mm	Ant 9	ECI 5	633332	3499.98	-	11.75	13.00	1.334	-	-	-0.11	0.019	0.025
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	10mm	Ant 9	ECI 5	633332	3499.98	-	11.65	13.00	1.365	-	-	-0.02	0.019	0.026
	FR1 n77_HPUE	100M	QPSK	135	69	DFT-SCS-30KHz	Back	10mm	Ant 9	ECI 5	633332	3499.98	-	14.51	16.00	1.409	50	1.000	-0.1	0.123	0.173
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Front	10mm	Ant 6	ECI 5	650000	3750	-	12.74	13.50	1.191	-	-	0.07	0.060	0.071
	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Front	10mm	Ant 6	ECI 5	650000	3750	-	12.59	13.50	1.233	-	-	-0.04	0.056	0.069
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Back	10mm	Ant 6	ECI 5	650000	3750	-	12.74	13.50	1.191	-	-	-0.18	0.064	0.076
	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Back	10mm	Ant 6	ECI 5	650000	3750	-	12.59	13.50	1.233	-	-	-0.13	0.061	0.075
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	10mm	Ant 6	ECI 5	650000	3750	-	12.74	13.50	1.191	-	-	-0.04	0.032	0.038
	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Right Side	10mm	Ant 6	ECI 5	650000	3750	-	12.59	13.50	1.233	-	-	-0.15	0.035	0.043
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	10mm	Ant 6	ECI 5	650000	3750	-	12.74	13.50	1.191	-	-	-0.09	0.111	0.132
	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	10mm	Ant 6	ECI 5	650000	3750	-	12.59	13.50	1.233	-	-	0.05	0.128	0.158
	FR1 n78_HPUE	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	10mm	Ant 6	ECI 5	650000	3750	-	15.49	16.50	1.262	50	1.000	0.02	0.136	0.172
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Front	10mm	Ant 6	ECI 5	633332	3499.98	-	13.09	13.50	1.099	-	-	-0.07	0.090	0.099
	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Front	10mm	Ant 6	ECI 5	633332	3499.98	-	12.94	13.50	1.138	-	-	0.18	0.090	0.102
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Back	10mm	Ant 6	ECI 5	633332	3499.98	-	13.09	13.50	1.099	-	-	0.12	0.125	0.137
	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Back	10mm	Ant 6	ECI 5	633332	3499.98	-	12.94	13.50	1.138	-	-	0.07	0.115	0.131
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	10mm	Ant 6	ECI 5	633332	3499.98	-	13.09	13.50	1.099	-	-	-0.03	0.044	0.048
	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Right Side	10mm	Ant 6	ECI 5	633332	3499.98	-	12.94	13.50	1.138	-	-	-0.14	0.041	0.047
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	10mm	Ant 6	ECI 5	633332	3499.98	-	13.09	13.50	1.099	-	-	0.17	0.171	0.188
	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	10mm	Ant 6	ECI 5	633332	3499.98	-	12.94	13.50	1.138	-	-	0.11	0.170	0.193
	FR1 n78_HPUE	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	10mm	Ant 6	ECI 5	633332	3499.98	-	15.90	16.50	1.148	50	1.000	0.01	0.179	0.205
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Front	10mm	Ant 7	ECI 5	650000	3750	-	16.96	18.50	1.426	-	-	0.08	0.107	0.153
	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Front	10mm	Ant 7	ECI 5	650000	3750	-	16.69	18.50	1.517	-	-	0.14	0.136	0.206
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Back	10mm	Ant 7	ECI 5	650000	3750	-	16.96	18.50	1.426	-	-	-0.13	0.257	0.366
	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Back	10mm	Ant 7	ECI 5	650000	3750	-	16.69	18.50	1.517	-	-	-0.1	0.210	0.319
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	10mm	Ant 7	ECI 5	650000	3750	-	16.96	18.50	1.426	-	-	-0.07	0.193	0.275
	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Left Side	10mm	Ant 7	ECI 5	650000	3750	-	16.69	18.50	1.517	-	-	0.11	0.178	0.270
	FR1 n78_HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Back	10mm	Ant 7	ECI 5	650000	3750	-	19.83	21.50	1.469	50	1.000	-0.04	0.266	0.391

	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Front	10mm	Ant 7	ECI 5	633332	3499.98	-	16.96	18.50	1.426	-	-	-0.14	0.085	0.121
	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Front	10mm	Ant 7	ECI 5	633332	3499.98	-	16.79	18.50	1.483	-	-	0.01	0.090	0.133
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Back	10mm	Ant 7	ECI 5	633332	3499.98	-	16.96	18.50	1.426	-	-	0.18	0.140	0.200
	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Back	10mm	Ant 7	ECI 5	633332	3499.98	-	16.79	18.50	1.483	-	-	0.02	0.160	0.237
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	10mm	Ant 7	ECI 5	633332	3499.98	-	16.96	18.50	1.426	-	-	0.16	0.222	0.317
	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Left Side	10mm	Ant 7	ECI 5	633332	3499.98	-	16.79	18.50	1.483	-	-	0.06	0.238	0.353
	FR1 n78_HPUE	100M	QPSK	135	69	DFT-SCS-30KHz	Left Side	10mm	Ant 7	ECI 5	633332	3499.98	-	20.09	21.50	1.384	50	1.000	0.01	0.264	0.365
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Front	10mm	Ant 8	ECI 5	650000	3750	-	16.97	18.50	1.422	-	-	-0.03	0.178	0.253
	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Front	10mm	Ant 8	ECI 5	650000	3750	-	16.93	18.50	1.435	-	-	0.17	0.167	0.240
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Back	10mm	Ant 8	ECI 5	650000	3750	-	16.97	18.50	1.422	-	-	0.02	0.271	0.385
	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Back	10mm	Ant 8	ECI 5	650000	3750	-	16.93	18.50	1.435	-	-	-0.17	0.265	0.380
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	10mm	Ant 8	ECI 5	650000	3750	-	16.97	18.50	1.422	-	-	-0.05	0.422	0.600
	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Right Side	10mm	Ant 8	ECI 5	650000	3750	-	16.93	18.50	1.435	-	-	-0.04	0.412	0.591
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	10mm	Ant 8	ECI 5	650000	3750	-	16.97	18.50	1.422	-	-	-0.08	0.065	0.092
	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	10mm	Ant 8	ECI 5	650000	3750	-	16.93	18.50	1.435	-	-	0.17	0.068	0.098
71	FR1 n78_HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	10mm	Ant 8	ECI 5	650000	3750	-	19.95	21.50	1.429	50	1.000	0.06	0.430	**0.614**
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Front	10mm	Ant 8	ECI 5	633332	3499.98	-	16.81	18.50	1.476	-	-	-0.08	0.138	0.204
	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Front	10mm	Ant 8	ECI 5	633332	3499.98	-	16.71	18.50	1.510	-	-	-0.05	0.157	0.237
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Back	10mm	Ant 8	ECI 5	633332	3499.98	-	16.81	18.50	1.476	-	-	-0.03	0.157	0.232
	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Back	10mm	Ant 8	ECI 5	633332	3499.98	-	16.71	18.50	1.510	-	-	0.17	0.189	0.285
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Right Side	10mm	Ant 8	ECI 5	633332	3499.98	-	16.81	18.50	1.476	-	-	-0.06	0.321	0.474
	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Right Side	10mm	Ant 8	ECI 5	633332	3499.98	-	16.71	18.50	1.510	-	-	-0.15	0.371	0.560
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	10mm	Ant 8	ECI 5	633332	3499.98	-	16.81	18.50	1.476	-	-	-	n/a	n/a
	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	10mm	Ant 8	ECI 5	633332	3499.98	-	16.71	18.50	1.510	-	-	-	n/a	n/a
	FR1 n78_HPUE	100M	QPSK	135	69	DFT-SCS-30KHz	Right Side	10mm	Ant 8	ECI 5	633332	3499.98	-	19.96	21.50	1.426	50	1.000	0.11	0.419	0.597
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Front	10mm	Ant 9	ECI 5	650000	3750	-	10.79	12.50	1.483	-	-	-	n/a	n/a
	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Front	10mm	Ant 9	ECI 5	650000	3750	-	10.71	12.50	1.510	-	-	-	n/a	n/a
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Back	10mm	Ant 9	ECI 5	650000	3750	-	10.79	12.50	1.483	-	-	-0.18	0.301	0.446
	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Back	10mm	Ant 9	ECI 5	650000	3750	-	10.71	12.50	1.510	-	-	-0.03	0.269	0.406
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	10mm	Ant 9	ECI 5	650000	3750	-	10.79	12.50	1.483	-	-	-0.09	0.044	0.065
	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Left Side	10mm	Ant 9	ECI 5	650000	3750	-	10.71	12.50	1.510	-	-	0.18	0.041	0.062
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	10mm	Ant 9	ECI 5	650000	3750	-	10.79	12.50	1.483	-	-	-0.03	0.021	0.031
	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	10mm	Ant 9	ECI 5	650000	3750	-	10.71	12.50	1.510	-	-	0.09	0.018	0.027
	FR1 n78_HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Back	10mm	Ant 9	ECI 5	650000	3750	-	13.82	15.50	1.472	50	1.000	-0.09	0.317	0.467
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Front	10mm	Ant 9	ECI 5	633332	3499.98	-	10.87	12.50	1.455	-	-	0.01	0.023	0.033
	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Front	10mm	Ant 9	ECI 5	633332	3499.98	-	10.83	12.50	1.469	-	-	0.02	0.022	0.032
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Back	10mm	Ant 9	ECI 5	633332	3499.98	-	10.87	12.50	1.455	-	-	-0.11	0.172	0.250
	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Back	10mm	Ant 9	ECI 5	633332	3499.98	-	10.83	12.50	1.469	-	-	-0.01	0.176	0.259
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Left Side	10mm	Ant 9	ECI 5	633332	3499.98	-	10.87	12.50	1.455	-	-	0.09	0.041	0.060
	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Left Side	10mm	Ant 9	ECI 5	633332	3499.98	-	10.83	12.50	1.469	-	-	0.1	0.041	0.060
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Top Side	10mm	Ant 9	ECI 5	633332	3499.98	-	10.87	12.50	1.455	-	-	0.09	0.025	0.036
	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Top Side	10mm	Ant 9	ECI 5	633332	3499.98	-	10.83	12.50	1.469	-	-	-0.16	0.028	0.041
	FR1 n78_HPUE	100M	QPSK	135	69	DFT-SCS-30KHz	Back	10mm	Ant 9	ECI 5	633332	3499.98	-	13.84	15.50	1.466	50	1.000	-0.02	0.193	0.283

Plot No.	Band	Mode	Test Position	Gap (mm)	Antenna	Power State	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
						WLAN&BT										
	WLAN2.4GHz	802.11b 1Mbps	Front	10mm	Ant 8	Standalone	6	2437	17.00	17.50	1.122	98.47	1.016	0.18	0.263	0.300
	WLAN2.4GHz	802.11b 1Mbps	Back	10mm	Ant 8	Standalone	6	2437	17.00	17.50	1.122	98.47	1.016	0.14	0.386	0.440
	WLAN2.4GHz	802.11b 1Mbps	Right Side	10mm	Ant 8	Standalone	6	2437	17.00	17.50	1.122	98.47	1.016	0.08	0.549	0.626
	WLAN2.4GHz	802.11b 1Mbps	Top Side	10mm	Ant 8	Standalone	6	2437	17.00	17.50	1.122	98.47	1.016	0.17	0.055	0.063
	WLAN2.4GHz	802.11b 1Mbps	Right Side	10mm	Ant 8	WIFI only DBS	6	2437	14.07	15.00	1.239	98.47	1.016	-0.02	0.214	0.269
	WLAN2.4GHz	802.11b 1Mbps	Front	10mm	Ant 8	Non DBS	6	2437	11.73	12.50	1.194	98.47	1.016	0.08	0.061	0.074
	WLAN2.4GHz	802.11b 1Mbps	Back	10mm	Ant 8	Non DBS	6	2437	11.73	12.50	1.194	98.47	1.016	-0.17	0.074	0.090
	WLAN2.4GHz	802.11b 1Mbps	Right Side	10mm	Ant 8	Non DBS	6	2437	11.73	12.50	1.194	98.47	1.016	-0.03	0.119	0.144
	WLAN2.4GHz	802.11b 1Mbps	Top Side	10mm	Ant 8	Non DBS	6	2437	11.73	12.50	1.194	98.47	1.016	-	n/a	n/a
	WLAN2.4GHz	802.11b 1Mbps	Front	10mm	Ant 8	DBS	6	2437	8.10	9.00	1.230	98.47	1.016	-	n/a	n/a
	WLAN2.4GHz	802.11b 1Mbps	Back	10mm	Ant 8	DBS	6	2437	8.10	9.00	1.230	98.47	1.016	-	n/a	n/a
	WLAN2.4GHz	802.11b 1Mbps	Right Side	10mm	Ant 8	DBS	6	2437	8.10	9.00	1.230	98.47	1.016	0.18	0.058	0.072
	WLAN2.4GHz	802.11b 1Mbps	Top Side	10mm	Ant 8	DBS	6	2437	8.10	9.00	1.230	98.47	1.016	-	n/a	n/a
	WLAN2.4GHz	802.11b 1Mbps	Front	10mm	Ant 10	Standalone	6	2437	17.21	18.00	1.199	98.47	1.016	-0.05	0.154	0.188
	WLAN2.4GHz	802.11b 1Mbps	Back	10mm	Ant 10	Standalone	6	2437	17.21	18.00	1.199	98.47	1.016	0.01	0.171	0.208
	WLAN2.4GHz	802.11b 1Mbps	Right Side	10mm	Ant 10	Standalone	6	2437	17.21	18.00	1.199	98.47	1.016	-0.17	0.139	0.169
	WLAN2.4GHz	802.11b 1Mbps	Top Side	10mm	Ant 10	Standalone	6	2437	17.21	18.00	1.199	98.47	1.016	0.04	0.245	0.299
	WLAN2.4GHz	802.11n-HT20 MCS0	Front	10mm	Ant 10+8(10)	Standalone	6	2437	16.70	17.50	1.202	96.32	1.038	0.08	0.437	0.545
	WLAN2.4GHz	802.11n-HT20 MCS0	Back	10mm	Ant 10+8(10)	Standalone	6	2437	16.70	17.50	1.202	96.32	1.038	0.03	0.527	0.658
72	WLAN2.4GHz	802.11n-HT20 MCS0	Right Side	10mm	Ant 10+8(10)	Standalone	6	2437	16.70	17.50	1.202	96.32	1.038	0.14	0.577	**0.720**
	WLAN2.4GHz	802.11n-HT20 MCS0	Top Side	10mm	Ant 10+8(10)	Standalone	6	2437	16.70	17.50	1.202	96.32	1.038	-0.18	0.301	0.376
	WLAN2.4GHz	802.11n-HT20 MCS0	Right Side	10mm	Ant 10+8(8)	WIFI only DBS	6	2437	14.16	15.00	1.213	96.32	1.038	-0.08	0.217	0.273
	WLAN2.4GHz	802.11n-HT20 MCS0	Front	10mm	Ant 10+8(10)	Non DBS	6	2437	11.35	12.00	1.161	96.32	1.038	-0.18	0.052	0.063
	WLAN2.4GHz	802.11n-HT20 MCS0	Back	10mm	Ant 10+8(10)	Non DBS	6	2437	11.35	12.00	1.161	96.32	1.038	0.1	0.085	0.102
	WLAN2.4GHz	802.11n-HT20 MCS0	Right Side	10mm	Ant 10+8(10)	Non DBS	6	2437	11.35	12.00	1.161	96.32	1.038	0.12	0.133	0.160
	WLAN2.4GHz	802.11n-HT20 MCS0	Top Side	10mm	Ant 10+8(10)	Non DBS	6	2437	11.35	12.00	1.161	96.32	1.038	0.08	0.075	0.090
	WLAN2.4GHz	802.11n-HT20 MCS0	Front	10mm	Ant 10+8(10)	DBS	6	2437	7.60	8.50	1.230	96.32	1.038	0.1	0.043	0.055
	WLAN2.4GHz	802.11n-HT20 MCS0	Back	10mm	Ant 10+8(10)	DBS	6	2437	7.60	8.50	1.230	96.32	1.038	-0.18	0.050	0.064
	WLAN2.4GHz	802.11n-HT20 MCS0	Right Side	10mm	Ant 10+8(10)	DBS	6	2437	7.60	8.50	1.230	96.32	1.038	0.1	0.063	0.080
	WLAN2.4GHz	802.11n-HT20 MCS0	Top Side	10mm	Ant 10+8(10)	DBS	6	2437	7.60	8.50	1.230	96.32	1.038	-	n/a	n/a
	Bluetooth	1Mbps	Front	10mm	Ant 8	Full Power	0	2402	16.80	18.00	1.318	76.8	1.085	0.08	0.149	0.213
	Bluetooth	1Mbps	Back	10mm	Ant 8	Full Power	0	2402	16.80	18.00	1.318	76.8	1.085	-0.17	0.193	0.276
73	Bluetooth	1Mbps	Right Side	10mm	Ant 8	Full Power/WIFI only Non DBS BF	0	2402	16.80	18.00	1.318	76.8	1.085	0.08	0.333	**0.476**
	Bluetooth	1Mbps	Top Side	10mm	Ant 8	Full Power	0	2402	16.80	18.00	1.318	76.8	1.085	-	n/a	n/a
	Bluetooth	1Mbps	Front	10mm	Ant 8	Non DBS	78	2480	12.20	14.00	1.514	76.8	1.085	-0.17	0.037	0.061
	Bluetooth	1Mbps	Back	10mm	Ant 8	Non DBS	78	2480	12.20	14.00	1.514	76.8	1.085	0.17	0.066	0.108
	Bluetooth	1Mbps	Right Side	10mm	Ant 8	Non DBS	78	2480	12.20	14.00	1.514	76.8	1.085	-0.05	0.102	0.168
	Bluetooth	1Mbps	Top Side	10mm	Ant 8	Non DBS	78	2480	12.20	14.00	1.514	76.8	1.085	0.01	0.025	0.041
	Bluetooth	1Mbps	Front	10mm	Ant 8	Non DBS BF	78	2480	9.20	11.00	1.514	76.8	1.085	-	n/a	n/a
	Bluetooth	1Mbps	Back	10mm	Ant 8	Non DBS BF	78	2480	9.20	11.00	1.514	76.8	1.085	-	n/a	n/a
	Bluetooth	1Mbps	Right Side	10mm	Ant 8	Non DBS BF	78	2480	9.20	11.00	1.514	76.8	1.085	0.04	0.057	0.094
	Bluetooth	1Mbps	Top Side	10mm	Ant 8	Non DBS BF	78	2480	9.20	11.00	1.514	76.8	1.085	-	n/a	n/a
	Bluetooth	1Mbps	Front	10mm	Ant 10	Full Power	39	2441	16.80	18.50	1.479	76.8	1.085	0.11	0.105	0.169
	Bluetooth	1Mbps	Back	10mm	Ant 10	Full Power	39	2441	16.80	18.50	1.479	76.8	1.085	-0.05	0.144	0.231
	Bluetooth	1Mbps	Right Side	10mm	Ant 10	Full Power	39	2441	16.80	18.50	1.479	76.8	1.085	0.08	0.108	0.173
	Bluetooth	1Mbps	Top Side	10mm	Ant 10	Full Power	39	2441	16.80	18.50	1.479	76.8	1.085	0.14	0.263	0.422
	Bluetooth	1Mbps	Top Side	10mm	Ant 10	WIFI onlyNon DBS BF	78	2480	14.20	16.00	1.514	76.8	1.085	-0.08	0.157	0.258
	Bluetooth	1Mbps	Front	10mm	Ant 10	Non DBS	78	2480	12.10	14.00	1.549	76.8	1.085	0.05	0.039	0.066
	Bluetooth	1Mbps	Back	10mm	Ant 10	Non DBS	78	2480	12.10	14.00	1.549	76.8	1.085	0.06	0.054	0.091
	Bluetooth	1Mbps	Right Side	10mm	Ant 10	Non DBS	78	2480	12.10	14.00	1.549	76.8	1.085	-	n/a	n/a
	Bluetooth	1Mbps	Top Side	10mm	Ant 10	Non DBS	78	2480	12.10	14.00	1.549	76.8	1.085	-0.08	0.083	0.139
	Bluetooth	1Mbps	Front	10mm	Ant 10	Non DBS BF/DBS	78	2480	9.30	11.00	1.479	76.8	1.085	-	n/a	n/a

	Bluetooth	1Mbps	Back	10mm	Ant 10	Non DBS BF/DBS	78	2480	9.30	11.00	1.479	76.8	1.085	-	n/a	n/a
	Bluetooth	1Mbps	Right Side	10mm	Ant 10	Non DBS BF/DBS	78	2480	9.30	11.00	1.479	76.8	1.085	-	n/a	n/a
	Bluetooth	1Mbps	Top Side	10mm	Ant 10	Non DBS BF/DBS	78	2480	9.30	11.00	1.479	76.8	1.085	0.18	0.042	0.067
	WLAN5.2GHz	802.11n-HT40 MCS0	Front	10mm	Ant 6+17(6)	Standalone	46	5230	17.18	18.00	1.208	92.86	1.077	-0.17	0.229	0.298
	WLAN5.2GHz	802.11n-HT40 MCS0	Back	10mm	Ant 6+17(6)	Standalone	46	5230	17.18	18.00	1.208	92.86	1.077	0.17	0.196	0.255
	WLAN5.2GHz	802.11n-HT40 MCS0	Right Side	10mm	Ant 6+17(6)	Standalone	46	5230	17.18	18.00	1.208	92.86	1.077	0.01	0.195	0.254
74	WLAN5.2GHz	802.11n-HT40 MCS0	Top Side	10mm	Ant 6+17(6)	Standalone/WIFI only Non DBS/WIFI only DBS	46	5230	17.18	18.00	1.208	92.86	1.077	0.18	0.234	**0.304**
	WLAN5.2GHz	802.11ac-VHT80 MCS0	Front	10mm	Ant 6+17(6)	Non DBS&DBS	42	5210	10.01	11.00	1.256	85.37	1.171	-0.08	0.056	0.082
	WLAN5.2GHz	802.11ac-VHT80 MCS0	Back	10mm	Ant 6+17(6)	Non DBS&DBS	42	5210	10.01	11.00	1.256	85.37	1.171	0.08	0.056	0.082
	WLAN5.2GHz	802.11ac-VHT80 MCS0	Right Side	10mm	Ant 6+17(6)	Non DBS&DBS	42	5210	10.01	11.00	1.256	85.37	1.171	0.01	0.051	0.075
	WLAN5.2GHz	802.11ac-VHT80 MCS0	Top Side	10mm	Ant 6+17(6)	Non DBS&DBS	42	5210	10.01	11.00	1.256	85.37	1.171	0.03	0.050	0.074
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Front	10mm	Ant 6+17(17)	Standalone	155	5775	17.29	18.00	1.178	85.37	1.171	0.18	0.372	0.513
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Back	10mm	Ant 6+17(17)	Standalone	155	5775	17.29	18.00	1.178	85.37	1.171	-0.15	0.248	0.342
75	WLAN5.8GHz	802.11ac-VHT80 MCS0	Right Side	10mm	Ant 6+17(17)	Standalone	155	5775	17.29	18.00	1.178	85.37	1.171	0.05	0.373	**0.515**
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Top Side	10mm	Ant 6+17(17)	Standalone	155	5775	17.29	18.00	1.178	85.37	1.171	0.03	0.288	0.397
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Front	10mm	Ant 6+17(17)	Non DBS&DBS	155	5775	10.33	11.00	1.167	85.37	1.171	0.12	0.090	0.123
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Back	10mm	Ant 6+17(17)	Non DBS&DBS	155	5775	10.33	11.00	1.167	85.37	1.171	0.08	0.061	0.083
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Right Side	10mm	Ant 6+17(17)	Non DBS&DBS	155	5775	10.33	11.00	1.167	85.37	1.171	-0.17	0.075	0.102
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Top Side	10mm	Ant 6+17(17)	Non DBS&DBS	155	5775	10.33	11.00	1.167	85.37	1.171	-0.03	0.078	0.107

16.3 Body Worn Accessory SAR

Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Mode	Test Position	Gap (mm)	Antenna	Power State	Ch.	Freq. (MHz)	code State	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
750MHz																					
	LTE Band 71	20M	QPSK	1	0	-	Front	5mm	Ant 0	ECI 3	133297	680.5	code:1	24.27	25.00	1.183	-	-	-0.1	0.270	0.319
	LTE Band 71	20M	QPSK	50	0	-	Front	5mm	Ant 0	ECI 3	133297	680.5	code:1	23.47	24.00	1.130	-	-	0.07	0.193	0.218
	LTE Band 71	20M	QPSK	1	0	-	Back	5mm	Ant 0	ECI 3	133297	680.5	code:1	24.27	25.00	1.183	-	-	0.18	0.306	0.362
	LTE Band 71	20M	QPSK	50	0	-	Back	5mm	Ant 0	ECI 3	133297	680.5	code:1	23.47	24.00	1.130	-	-	-0.1	0.219	0.247
	LTE Band 71	20M	QPSK	1	0	-	Front	5mm	Ant 0	ECI 3	133297	680.5	code:3	24.27	25.00	1.183	-	-	0.01	0.153	0.181
	LTE Band 71	20M	QPSK	50	0	-	Front	5mm	Ant 0	ECI 3	133297	680.5	code:3	23.47	24.00	1.130	-	-	-0.15	0.110	0.124
	LTE Band 71	20M	QPSK	1	0	-	Back	5mm	Ant 0	ECI 3	133297	680.5	code:3	24.27	25.00	1.183	-	-	0.19	0.179	0.212
	LTE Band 71	20M	QPSK	50	0	-	Back	5mm	Ant 0	ECI 3	133297	680.5	code:3	23.47	24.00	1.130	-	-	0.07	0.125	0.141
	LTE Band 71	20M	QPSK	1	0	-	Front	5mm	Ant 1	ECI 3	133297	680.5	code:c	21.43	22.50	1.279	-	-	0.03	0.565	0.723
	LTE Band 71	20M	QPSK	50	0	-	Front	5mm	Ant 1	ECI 3	133297	680.5	code:c	21.33	22.50	1.309	-	-	0.1	0.421	0.551
76	LTE Band 71	20M	QPSK	1	0	-	Back	5mm	Ant 1	ECI 3	133297	680.5	code:c	21.43	22.50	1.279	-	-	-0.13	0.671	**0.858**
	LTE Band 71	20M	QPSK	50	0	-	Back	5mm	Ant 1	ECI 3	133297	680.5	code:c	21.33	22.50	1.309	-	-	0.02	0.495	0.648
	LTE Band 71	20M	QPSK	100	0	-	Back	5mm	Ant 1	ECI 3	133297	680.5	code:c	21.12	22.50	1.374	-	-	-0.16	0.448	0.616
	LTE Band 71	20M	QPSK	1	0	-	Front	12mm	Ant 1	ECI 4	133297	680.5	code:c	24.37	25.50	1.297	-	-	-0.08	0.500	0.649
	LTE Band 71	20M	QPSK	50	0	-	Front	12mm	Ant 1	ECI 4	133297	680.5	code:c	23.49	24.50	1.262	-	-	-0.08	0.374	0.472
	LTE Band 71	20M	QPSK	1	0	-	Back	15mm	Ant 1	ECI 4	133297	680.5	code:c	24.37	25.50	1.297	-	-	-0.02	0.471	0.611
	LTE Band 71	20M	QPSK	50	0	-	Back	15mm	Ant 1	ECI 4	133297	680.5	code:c	23.49	24.50	1.262	-	-	0.1	0.467	0.589
	LTE Band 12	10M	QPSK	1	0	-	Front	5mm	Ant 0	ECI 3	23095	707.5	code:2	24.61	25.50	1.227	-	-	0.1	0.689	0.845
	LTE Band 12	10M	QPSK	25	0	-	Front	5mm	Ant 0	ECI 3	23095	707.5	code:2	23.86	24.50	1.159	-	-	0.12	0.567	0.657
	LTE Band 12	10M	QPSK	50	0	-	Front	5mm	Ant 0	ECI 3	23095	707.5	code:2	23.45	24.50	1.274	-	-	0.05	0.522	0.665
77	LTE Band 12	10M	QPSK	1	0	-	Back	5mm	Ant 0	ECI 3	23095	707.5	code:2	24.61	25.50	1.227	-	-	-0.03	0.778	**0.955**
	LTE Band 12	10M	QPSK	25	0	-	Back	5mm	Ant 0	ECI 3	23095	707.5	code:2	23.86	24.50	1.159	-	-	0.08	0.644	0.746
	LTE Band 12	10M	QPSK	50	0	-	Back	5mm	Ant 0	ECI 3	23095	707.5	code:2	23.45	24.50	1.274	-	-	-0.06	0.602	0.767
	LTE Band 12	10M	QPSK	1	0	-	Front	5mm	Ant 1	ECI 3	23095	707.5	code:a	20.65	21.70	1.274	-	-	0.08	0.619	0.789
	LTE Band 12	10M	QPSK	25	0	-	Front	5mm	Ant 1	ECI 3	23095	707.5	code:a	20.59	21.70	1.291	-	-	0.01	0.509	0.657
	LTE Band 12	10M	QPSK	1	0	-	Back	5mm	Ant 1	ECI 3	23095	707.5	code:a	20.65	21.70	1.274	-	-	-0.01	0.711	0.906
	LTE Band 12	10M	QPSK	25	0	-	Back	5mm	Ant 1	ECI 3	23095	707.5	code:a	20.59	21.70	1.291	-	-	-0.08	0.575	0.742
	LTE Band 12	10M	QPSK	50	0	-	Back	5mm	Ant 1	ECI 3	23095	707.5	code:a	20.51	21.70	1.315	-	-	0.1	0.579	0.761
	LTE Band 12	10M	QPSK	1	0	-	Front	12mm	Ant 1	ECI 4	23095	707.5	code:a	24.59	25.70	1.291	-	-	0.08	0.579	0.747
	LTE Band 12	10M	QPSK	25	0	-	Front	12mm	Ant 1	ECI 4	23095	707.5	code:a	23.79	24.70	1.233	-	-	-0.17	0.473	0.583
	LTE Band 12	10M	QPSK	1	0	-	Back	15mm	Ant 1	ECI 4	23095	707.5	code:a	24.59	25.70	1.291	-	-	0.04	0.550	0.710
	LTE Band 12	10M	QPSK	25	0	-	Back	15mm	Ant 1	ECI 4	23095	707.5	code:a	23.79	24.70	1.233	-	-	-0.03	0.457	0.563
	LTE Band 13	10M	QPSK	1	0	-	Front	5mm	Ant 0	ECI 3	23230	782	code:0	24.72	25.50	1.197	-	-	-0.17	0.506	0.606
	LTE Band 13	10M	QPSK	25	0	-	Front	5mm	Ant 0	ECI 3	23230	782	code:0	23.81	24.50	1.172	-	-	-0.03	0.396	0.464
	LTE Band 13	10M	QPSK	1	0	-	Back	5mm	Ant 0	ECI 3	23230	782	code:0	24.72	25.50	1.197	-	-	-0.06	0.566	0.678
	LTE Band 13	10M	QPSK	25	0	-	Back	5mm	Ant 0	ECI 3	23230	782	code:0	23.81	24.50	1.172	-	-	0.14	0.440	0.516
	LTE Band 13	10M	QPSK	1	0	-	Front	5mm	Ant 1	ECI 3	23230	782	code:6	21.63	22.70	1.279	-	-	0.11	0.741	0.948
	LTE Band 13	10M	QPSK	25	0	-	Front	5mm	Ant 1	ECI 3	23230	782	code:6	21.57	22.70	1.297	-	-	-0.05	0.675	0.875
	LTE Band 13	10M	QPSK	50	0	-	Front	5mm	Ant 1	ECI 3	23230	782	code:6	21.36	22.70	1.361	-	-	0.04	0.628	0.855
78	LTE Band 13	10M	QPSK	1	0	-	Back	5mm	Ant 1	ECI 3	23230	782	code:6	21.63	22.70	1.279	-	-	-0.05	0.811	**1.037**
	LTE Band 13	10M	QPSK	25	0	-	Back	5mm	Ant 1	ECI 3	23230	782	code:6	21.57	22.70	1.297	-	-	0.18	0.752	0.975
	LTE Band 13	10M	QPSK	50	0	-	Back	5mm	Ant 1	ECI 3	23230	782	code:6	21.36	22.70	1.361	-	-	0.02	0.713	0.970
	LTE Band 13	10M	QPSK	1	0	-	Front	12mm	Ant 1	ECI 4	23230	782	code:6	24.61	25.70	1.285	-	-	0.18	0.432	0.555
	LTE Band 13	10M	QPSK	25	0	-	Front	12mm	Ant 1	ECI 4	23230	782	code:6	23.79	24.70	1.233	-	-	0.14	0.322	0.397
	LTE Band 13	10M	QPSK	1	0	-	Back	15mm	Ant 1	ECI 4	23230	782	code:6	24.61	25.70	1.285	-	-	0.01	0.438	0.563
	LTE Band 13	10M	QPSK	25	0	-	Back	15mm	Ant 1	ECI 4	23230	782	code:6	23.79	24.70	1.233	-	-	-0.17	0.328	0.404
	LTE Band 17	10M	QPSK	1	0	-	Front	5mm	Ant 0	ECI 3	23790	710	code:2	24.61	25.50	1.227	-	-	0.14	0.663	0.814
	LTE Band 17	10M	QPSK	25	0	-	Front	5mm	Ant 0	ECI 3	23790	710	code:2	23.75	24.50	1.189	-	-	-0.17	0.548	0.652
	LTE Band 17	10M	QPSK	50	0	-	Front	5mm	Ant 0	ECI 3	23790	710	code:2	23.45	24.50	1.274	-	-	0.07	0.517	0.659
	LTE Band 17	10M	QPSK	1	0	-	Back	5mm	Ant 0	ECI 3	23790	710	code:2	24.61	25.50	1.227	-	-	-0.01	0.763	0.936

	LTE Band 17	10M	QPSK	25	0	-	Back	5mm	Ant 0	ECI 3	23790	710	code:2	23.75	24.50	1.189	-	-	0.17	0.623	0.741
	LTE Band 17	10M	QPSK	50	0	-	Back	5mm	Ant 0	ECI 3	23790	710	code:2	23.45	24.50	1.274	-	-	-0.11	0.588	0.749
	LTE Band 17	10M	QPSK	1	0	-	Front	5mm	Ant 1	ECI 3	23790	710	code:a	20.52	21.70	1.312	-	-	-0.18	0.672	0.882
	LTE Band 17	10M	QPSK	25	0	-	Front	5mm	Ant 1	ECI 3	23790	710	code:a	20.35	21.70	1.365	-	-	0.1	0.543	0.741
	LTE Band 17	10M	QPSK	50	0	-	Front	5mm	Ant 1	ECI 3	23790	710	code:a	20.16	21.70	1.426	-	-	0.12	0.525	0.749
79	LTE Band 17	10M	QPSK	1	0	-	Back	5mm	Ant 1	ECI 3	23790	710	code:a	20.52	21.70	1.312	-	-	-0.01	0.750	**0.984**
	LTE Band 17	10M	QPSK	25	0	-	Back	5mm	Ant 1	ECI 3	23790	710	code:a	20.35	21.70	1.365	-	-	0.08	0.617	0.842
	LTE Band 17	10M	QPSK	50	0	-	Back	5mm	Ant 1	ECI 3	23790	710	code:a	20.16	21.70	1.426	-	-	-0.17	0.617	0.880
	LTE Band 17	10M	QPSK	1	0	-	Front	12mm	Ant 1	ECI 4	23790	710	code:a	24.49	25.70	1.321	-	-	0.1	0.609	0.804
	LTE Band 17	10M	QPSK	25	0	-	Front	12mm	Ant 1	ECI 4	23790	710	code:a	23.69	24.70	1.262	-	-	-0.17	0.491	0.620
	LTE Band 17	10M	QPSK	50	0	-	Front	12mm	Ant 1	ECI 4	23790	710	code:a	23.35	24.70	1.365	-	-	-0.02	0.477	0.651
	LTE Band 17	10M	QPSK	1	0	-	Back	15mm	Ant 1	ECI 4	23790	710	code:a	24.49	25.70	1.321	-	-	0.01	0.556	0.734
	LTE Band 17	10M	QPSK	25	0	-	Back	15mm	Ant 1	ECI 4	23790	710	code:a	23.69	24.70	1.262	-	-	0.04	0.451	0.569
	FR1 n71	20M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 0	ECI 3	136100	680.5	code:1	24.37	25.00	1.156	-	-	-0.18	0.355	0.410
	FR1 n71	20M	QPSK	50	28	DFT-SCS-15KHz	Front	5mm	Ant 0	ECI 3	136100	680.5	code:1	24.14	25.00	1.219	-	-	0.03	0.307	0.374
	FR1 n71	20M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 0	ECI 3	136100	680.5	code:1	24.37	25.00	1.156	-	-	-0.15	0.376	0.435
	FR1 n71	20M	QPSK	50	28	DFT-SCS-15KHz	Back	5mm	Ant 0	ECI 3	136100	680.5	code:1	24.14	25.00	1.219	-	-	-0.15	0.324	0.395
	FR1 n71	20M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 0	ECI 3	136100	680.5	code:3	24.37	25.00	1.156	-	-	-0.08	0.231	0.267
	FR1 n71	20M	QPSK	50	28	DFT-SCS-15KHz	Front	5mm	Ant 0	ECI 3	136100	680.5	code:3	24.14	25.00	1.219	-	-	-0.17	0.180	0.219
	FR1 n71	20M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 0	ECI 3	136100	680.5	code:3	24.37	25.00	1.156	-	-	-0.08	0.248	0.287
	FR1 n71	20M	QPSK	50	28	DFT-SCS-15KHz	Back	5mm	Ant 0	ECI 3	136100	680.5	code:3	24.14	25.00	1.219	-	-	-0.04	0.187	0.228
	FR1 n71	20M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 1	ECI 3	136100	680.5	-	21.33	22.50	1.309	-	-	0.1	0.631	0.826
	FR1 n71	20M	QPSK	50	28	DFT-SCS-15KHz	Front	5mm	Ant 1	ECI 3	136100	680.5	-	21.21	22.50	1.346	-	-	0.08	0.547	0.736
	FR1 n71	20M	QPSK	100	0	DFT-SCS-15KHz	Front	5mm	Ant 1	ECI 3	136100	680.5	-	20.99	22.50	1.416	-	-	0.08	0.566	0.801
80	FR1 n71	20M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 1	ECI 3	136100	680.5	-	21.33	22.50	1.309	-	-	-0.04	0.740	**0.969**
	FR1 n71	20M	QPSK	50	28	DFT-SCS-15KHz	Back	5mm	Ant 1	ECI 3	136100	680.5	-	21.21	22.50	1.346	-	-	-0.1	0.625	0.841
	FR1 n71	20M	QPSK	100	0	DFT-SCS-15KHz	Back	5mm	Ant 1	ECI 3	136100	680.5	-	20.99	22.50	1.416	-	-	-0.07	0.634	0.898
	FR1 n71	20M	QPSK	1	1	DFT-SCS-15KHz	Front	12mm	Ant 1	ECI 4	136100	680.5	-	24.47	25.50	1.268	-	-	0.06	0.527	0.668
	FR1 n71	20M	QPSK	50	28	DFT-SCS-15KHz	Front	12mm	Ant 1	ECI 4	136100	680.5	-	24.23	25.50	1.340	-	-	-0.09	0.463	0.620
	FR1 n71	20M	QPSK	1	1	DFT-SCS-15KHz	Back	15mm	Ant 1	ECI 4	136100	680.5	-	24.47	25.50	1.268	-	-	-0.02	0.524	0.664
	FR1 n71	20M	QPSK	50	28	DFT-SCS-15KHz	Back	15mm	Ant 1	ECI 4	136100	680.5	-	24.23	25.50	1.340	-	-	-0.08	0.449	0.602
	FR1 n12	15M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 0	ECI 3	141500	707.5	code:2	24.76	25.50	1.186	-	-	0.11	0.505	0.599
	FR1 n12	15M	QPSK	36	22	DFT-SCS-15KHz	Front	5mm	Ant 0	ECI 3	141500	707.5	code:2	24.72	25.50	1.197	-	-	-0.17	0.541	0.648
	FR1 n12	15M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 0	ECI 3	141500	707.5	code:2	24.76	25.50	1.186	-	-	0.01	0.568	0.674
	FR1 n12	15M	QPSK	36	22	DFT-SCS-15KHz	Back	5mm	Ant 0	ECI 3	141500	707.5	code:2	24.72	25.50	1.197	-	-	0.1	0.592	0.709
	FR1 n12	15M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 1	ECI 3	141500	707.5	-	21.76	22.70	1.242	-	-	0.11	0.692	0.859
	FR1 n12	15M	QPSK	36	22	DFT-SCS-15KHz	Front	5mm	Ant 1	ECI 3	141500	707.5	-	21.66	22.70	1.271	-	-	-0.07	0.746	0.948
	FR1 n12	15M	QPSK	75	0	DFT-SCS-15KHz	Front	5mm	Ant 1	ECI 3	141500	707.5	-	21.44	22.70	1.337	-	-	0.18	0.586	0.783
	FR1 n12	15M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 1	ECI 3	141500	707.5	-	21.76	22.70	1.242	-	-	0.12	0.789	0.980
81	FR1 n12	15M	QPSK	36	22	DFT-SCS-15KHz	Back	5mm	Ant 1	ECI 3	141500	707.5	-	21.66	22.70	1.271	-	-	-0.04	0.794	**1.009**
	FR1 n12	15M	QPSK	75	0	DFT-SCS-15KHz	Back	5mm	Ant 1	ECI 3	141500	707.5	-	21.44	22.70	1.337	-	-	0.08	0.644	0.861
	FR1 n12	15M	QPSK	1	1	DFT-SCS-15KHz	Front	12mm	Ant 1	ECI 4	141500	707.5	-	24.74	25.70	1.247	-	-	0.13	0.570	0.711
	FR1 n12	15M	QPSK	36	22	DFT-SCS-15KHz	Front	12mm	Ant 1	ECI 4	141500	707.5	-	24.49	25.70	1.321	-	-	0.12	0.575	0.760
	FR1 n12	15M	QPSK	1	1	DFT-SCS-15KHz	Back	15mm	Ant 1	ECI 4	141500	707.5	-	24.74	25.70	1.247	-	-	0.03	0.534	0.666
	FR1 n12	15M	QPSK	36	22	DFT-SCS-15KHz	Back	15mm	Ant 1	ECI 4	141500	707.5	-	24.49	25.70	1.321	-	-	-0.04	0.566	0.748
835MHz																					
	GSM850	-	-	-	-	GPRS (4 Tx slots)	Front	5mm	Ant 0	ECI 3	189	836.4	-	26.84	28.00	1.306	-	-	0.01	0.609	0.795
	GSM850	-	-	-	-	GPRS (4 Tx slots)	Back	5mm	Ant 0	ECI 3	189	836.4	-	26.84	28.00	1.306	-	-	-0.02	0.680	0.888
	GSM850	-	-	-	-	GPRS (4 Tx slots)	Back	5mm	Ant 0	ECI 3	128	824.2	-	26.63	28.00	1.371	-	-	-0.14	0.632	0.866
	GSM850	-	-	-	-	GPRS (4 Tx slots)	Back	5mm	Ant 0	ECI 3	251	848.8	-	26.83	28.00	1.309	-	-	0.09	0.667	0.873
	GSM850	-	-	-	-	GPRS (4 Tx slots)	Front	5mm	Ant 1	ECI 3	189	836.4	-	22.48	24.00	1.419	-	-	0.03	0.599	0.850
	GSM850	-	-	-	-	GPRS (4 Tx slots)	Front	5mm	Ant 1	ECI 3	128	824.2	-	22.37	24.00	1.455	-	-	-0.08	0.543	0.790
	GSM850	-	-	-	-	GPRS (4 Tx slots)	Front	5mm	Ant 1	ECI 3	251	848.8	-	22.42	24.00	1.439	-	-	-0.08	0.582	0.837
82	GSM850	-	-	-	-	GPRS (4 Tx	Back	5mm	Ant 1	ECI 3	189	836.4	-	22.48	24.00	1.419	-	-	-0.09	0.743	**1.054**

						slots)															
	GSM850	-	-	-	-	GPRS (4 Tx slots)	Back	5mm	Ant 1	ECI 3	128	824.2	-	22.37	24.00	1.455	-	-	0.1	0.651	0.947
	GSM850	-	-	-	-	GPRS (4 Tx slots)	Back	5mm	Ant 1	ECI 3	251	848.8	-	22.42	24.00	1.439	-	-	-0.18	0.715	1.029
	GSM850	-	-	-	-	GPRS (4 Tx slots)	Front	12mm	Ant 1	ECI 4	189	836.4	-	26.88	28.50	1.452	-	-	0.18	0.676	0.982
	GSM850	-	-	-	-	GPRS (4 Tx slots)	Front	12mm	Ant 1	ECI 4	128	824.2	-	26.63	28.50	1.538	-	-	-0.17	0.633	0.974
	GSM850	-	-	-	-	GPRS (4 Tx slots)	Front	12mm	Ant 1	ECI 4	251	848.8	-	26.87	28.50	1.455	-	-	-0.03	0.659	0.959
	GSM850	-	-	-	-	GPRS (4 Tx slots)	Back	15mm	Ant 1	ECI 4	189	836.4	-	26.88	28.50	1.452	-	-	-0.02	0.668	0.970
	GSM850	-	-	-	-	GPRS (4 Tx slots)	Back	15mm	Ant 1	ECI 4	128	824.2	-	26.63	28.50	1.538	-	-	0.14	0.617	0.949
	GSM850	-	-	-	-	GPRS (4 Tx slots)	Back	15mm	Ant 1	ECI 4	251	848.8	-	26.87	28.50	1.455	-	-	0.11	0.656	0.954
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Front	5mm	Ant 0	ECI 3	4182	836.4	-	24.26	25.00	1.186	-	-	0.08	0.632	0.750
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Back	5mm	Ant 0	ECI 3	4182	836.4	-	24.26	25.00	1.186	-	-	0.07	0.721	0.855
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Back	5mm	Ant 0	ECI 3	4132	826.4	-	24.12	25.00	1.225	-	-	-0.05	0.694	0.850
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Back	5mm	Ant 0	ECI 3	4233	846.6	-	24.12	25.00	1.225	-	-	0.18	0.681	0.834
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Front	5mm	Ant 1	ECI 3	4182	836.4	-	19.27	20.50	1.327	-	-	-0.11	0.701	0.930
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Front	5mm	Ant 1	ECI 3	4132	826.4	-	19.24	20.50	1.337	-	-	0.03	0.685	0.916
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Front	5mm	Ant 1	ECI 3	4233	846.6	-	19.19	20.50	1.352	-	-	-0.05	0.728	0.984
83	WCDMA V	-	-	-	-	RMC 12.2Kbps	Back	5mm	Ant 1	ECI 3	4182	836.4	-	19.27	20.50	1.327	-	-	-0.09	0.752	**0.998**
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Back	5mm	Ant 1	ECI 3	4132	826.4	-	19.24	20.50	1.337	-	-	0.14	0.716	0.957
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Back	5mm	Ant 1	ECI 3	4233	846.6	-	19.19	20.50	1.352	-	-	-0.01	0.725	0.980
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Front	12mm	Ant 1	ECI 4	4182	836.4	-	24.15	25.50	1.365	-	-	0.01	0.669	0.913
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Front	12mm	Ant 1	ECI 4	4132	826.4	-	23.94	25.50	1.432	-	-	0.14	0.631	0.904
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Front	12mm	Ant 1	ECI 4	4233	846.6	-	24.13	25.50	1.371	-	-	-0.17	0.655	0.898
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Back	15mm	Ant 1	ECI 4	4182	836.4	-	24.15	25.50	1.365	-	-	-0.02	0.651	0.889
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Back	15mm	Ant 1	ECI 4	4132	826.4	-	23.94	25.50	1.432	-	-	0.17	0.613	0.878
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Back	15mm	Ant 1	ECI 4	4233	846.6	-	24.13	25.50	1.371	-	-	-0.05	0.638	0.875
	LTE Band 5	10M	QPSK	1	0	-	Front	5mm	Ant 0	ECI 3	20525	836.5	code:4	25.10	25.70	1.148	-	-	-0.05	0.762	0.875
	LTE Band 5	10M	QPSK	25	0	-	Front	5mm	Ant 0	ECI 3	20525	836.5	code:4	24.24	24.70	1.112	-	-	0.01	0.604	0.672
	LTE Band 5	10M	QPSK	50	0	-	Front	5mm	Ant 0	ECI 3	20525	836.5	code:4	23.94	24.70	1.191	-	-	0.08	0.554	0.660
84	LTE Band 5	10M	QPSK	1	0	-	Back	5mm	Ant 0	ECI 3	20525	836.5	code:4	25.10	25.70	1.148	-	-	-0.04	0.904	**1.038**
	LTE Band 5	10M	QPSK	25	0	-	Back	5mm	Ant 0	ECI 3	20525	836.5	code:4	24.24	24.70	1.112	-	-	0.1	0.710	0.790
	LTE Band 5	10M	QPSK	50	0	-	Back	5mm	Ant 0	ECI 3	20525	836.5	code:4	23.94	24.70	1.191	-	-	-0.17	0.706	0.841
	LTE Band 5 other pa	10M	QPSK	1	0	-	Back	5mm	Ant 0	ECI 3	20525	836.5	code:4	25.24	25.70	1.112	-	-	0.04	0.900	1.001
	LTE Band 5	10M	QPSK	1	0	-	Front	5mm	Ant 0	ECI 3	20525	836.5	code:8	25.10	25.70	1.148	-	-	-0.01	0.494	0.567
	LTE Band 5	10M	QPSK	25	0	-	Front	5mm	Ant 0	ECI 3	20525	836.5	code:8	24.24	24.70	1.112	-	-	-0.08	0.404	0.449
	LTE Band 5	10M	QPSK	1	0	-	Back	5mm	Ant 0	ECI 3	20525	836.5	code:8	25.10	25.70	1.148	-	-	0.06	0.592	0.680
	LTE Band 5	10M	QPSK	25	0	-	Back	5mm	Ant 0	ECI 3	20525	836.5	code:8	24.24	24.70	1.112	-	-	0.05	0.476	0.529
	LTE Band 5 other pa	10M	QPSK	1	0	-	Back	5mm	Ant 0	ECI 3	20525	836.5	code:8	25.24	25.70	1.112	-	-	0.06	0.564	0.627
	LTE Band 5	10M	QPSK	1	0	-	Front	5mm	Ant 1	ECI 3	20525	836.5	code:2	20.25	20.70	1.109	-	-	-0.09	0.827	0.917
	LTE Band 5	10M	QPSK	25	0	-	Front	5mm	Ant 1	ECI 3	20525	836.5	code:2	20.14	20.70	1.138	-	-	-0.08	0.826	0.940
	LTE Band 5	10M	QPSK	50	0	-	Front	5mm	Ant 1	ECI 3	20525	836.5	code:2	20.00	20.70	1.175	-	-	0.13	0.829	0.974
	LTE Band 5	10M	QPSK	1	0	-	Back	5mm	Ant 1	ECI 3	20525	836.5	code:2	20.25	20.70	1.109	-	-	-0.03	0.922	1.022
	LTE Band 5	10M	QPSK	25	0	-	Back	5mm	Ant 1	ECI 3	20525	836.5	code:2	20.14	20.70	1.138	-	-	0.12	0.897	1.021
	LTE Band 5	10M	QPSK	50	0	-	Back	5mm	Ant 1	ECI 3	20525	836.5	code:2	20.00	20.70	1.175	-	-	0.03	0.861	1.012
	LTE Band 5	10M	QPSK	1	0	-	Back	5mm	Ant 1	ECI 3	20525	836.5	code:0	20.25	20.70	1.109	-	-	0.18	0.747	0.828
	LTE Band 5 other pa	10M	QPSK	1	0	-	Back	5mm	Ant 1	ECI 3	20525	836.5	code:2	20.47	20.70	1.054	-	-	0.16	0.675	0.711
	LTE Band 5	10M	QPSK	1	0	-	Front	12mm	Ant 1	ECI 4	20525	836.5	code:2	25.24	25.70	1.112	-	-	0.03	0.878	0.976
	LTE Band 5	10M	QPSK	25	0	-	Front	12mm	Ant 1	ECI 4	20525	836.5	code:2	24.52	24.70	1.042	-	-	-0.08	0.736	0.767
	LTE Band 5	10M	QPSK	50	0	-	Front	12mm	Ant 1	ECI 4	20525	836.5	code:2	24.12	24.70	1.143	-	-	-0.08	0.740	0.846
	LTE Band 5	10M	QPSK	1	0	-	Back	15mm	Ant 1	ECI 4	20525	836.5	code:2	25.24	25.70	1.112	-	-	-0.01	0.902	1.003
	LTE Band 5	10M	QPSK	25	0	-	Back	15mm	Ant 1	ECI 4	20525	836.5	code:2	24.52	24.70	1.042	-	-	0.1	0.732	0.763
	LTE Band 5	10M	QPSK	50	0	-	Back	15mm	Ant 1	ECI 4	20525	836.5	code:2	24.12	24.70	1.143	-	-	-0.18	0.739	0.845
	LTE Band 5	10M	QPSK	1	0	-	Back	15mm	Ant 1	ECI 4	20525	836.5	code:0	25.24	25.70	1.112	-	-	0.1	0.653	0.726

	LTE Band 5 other pa	10M	QPSK	1	0	-	Back	15mm	Ant 1	ECI 4	20525	836.5	code:2	25.41	25.70	1.069	-	-	0.12	0.576	0.616
	LTE Band 26	15M	QPSK	1	0	-	Front	5mm	Ant 0	ECI 3	26865	831.5	code:4	25.07	25.70	1.156	-	-	0.19	0.738	0.853
	LTE Band 26	15M	QPSK	36	0	-	Front	5mm	Ant 0	ECI 3	26865	831.5	code:4	24.28	24.70	1.102	-	-	0.07	0.584	0.644
	LTE Band 26	15M	QPSK	75	0	-	Front	5mm	Ant 0	ECI 3	26865	831.5	code:4	23.91	24.70	1.199	-	-	-0.07	0.535	0.641
85	LTE Band 26	15M	QPSK	1	0	-	Back	5mm	Ant 0	ECI 3	26865	831.5	code:4	25.07	25.70	1.156	-	-	-0.01	0.875	**1.012**
	LTE Band 26	15M	QPSK	36	0	-	Back	5mm	Ant 0	ECI 3	26865	831.5	code:4	24.28	24.70	1.102	-	-	-0.18	0.688	0.758
	LTE Band 26	15M	QPSK	75	0	-	Back	5mm	Ant 0	ECI 3	26865	831.5	code:4	23.91	24.70	1.199	-	-	0.03	0.699	0.838
	LTE Band 26	15M	QPSK	1	0	-	Front	5mm	Ant 0	ECI 3	26865	831.5	code:8	25.07	25.70	1.156	-	-	-0.15	0.418	0.483
	LTE Band 26	15M	QPSK	36	0	-	Front	5mm	Ant 0	ECI 3	26865	831.5	code:8	24.28	24.70	1.102	-	-	-0.15	0.347	0.382
	LTE Band 26	15M	QPSK	1	0	-	Back	5mm	Ant 0	ECI 3	26865	831.5	code:8	25.07	25.70	1.156	-	-	0.01	0.532	0.615
	LTE Band 26	15M	QPSK	36	0	-	Back	5mm	Ant 0	ECI 3	26865	831.5	code:8	24.28	24.70	1.102	-	-	0.11	0.442	0.487
	LTE Band 26	15M	QPSK	1	0	-	Front	5mm	Ant 1	ECI 3	26865	831.5	code:2	20.26	20.70	1.107	-	-	-0.1	0.806	0.892
	LTE Band 26	15M	QPSK	36	0	-	Front	5mm	Ant 1	ECI 3	26865	831.5	code:2	20.23	20.70	1.114	-	-	0.07	0.797	0.888
	LTE Band 26	15M	QPSK	75	0	-	Front	5mm	Ant 1	ECI 3	26865	831.5	code:2	19.94	20.70	1.191	-	-	0.18	0.786	0.936
	LTE Band 26	15M	QPSK	1	0	-	Back	5mm	Ant 1	ECI 3	26865	831.5	code:2	20.26	20.70	1.107	-	-	-0.06	0.891	0.986
	LTE Band 26	15M	QPSK	36	0	-	Back	5mm	Ant 1	ECI 3	26865	831.5	code:2	20.23	20.70	1.114	-	-	-0.1	0.875	0.975
	LTE Band 26	15M	QPSK	75	0	-	Back	5mm	Ant 1	ECI 3	26865	831.5	code:2	19.94	20.70	1.191	-	-	0.01	0.821	0.978
	LTE Band 26	15M	QPSK	1	0	-	Back	5mm	Ant 1	ECI 3	26865	831.5	code:0	20.26	20.70	1.107	-	-	-0.15	0.750	0.830
	LTE Band 26	15M	QPSK	1	0	-	Front	12mm	Ant 1	ECI 4	26865	831.5	code:2	25.14	25.70	1.138	-	-	0.14	0.856	0.974
	LTE Band 26	15M	QPSK	36	0	-	Front	12mm	Ant 1	ECI 4	26865	831.5	code:2	24.40	24.70	1.072	-	-	-0.17	0.705	0.756
	LTE Band 26	15M	QPSK	75	0	-	Front	12mm	Ant 1	ECI 4	26865	831.5	code:2	24.00	24.70	1.175	-	-	-0.17	0.712	0.837
	LTE Band 26	15M	QPSK	1	0	-	Back	15mm	Ant 1	ECI 4	26865	831.5	code:2	25.14	25.70	1.138	-	-	-0.03	0.864	0.983
	LTE Band 26	15M	QPSK	36	0	-	Back	15mm	Ant 1	ECI 4	26865	831.5	code:2	24.40	24.70	1.072	-	-	0.17	0.713	0.764
	LTE Band 26	15M	QPSK	75	0	-	Back	15mm	Ant 1	ECI 4	26865	831.5	code:2	24.00	24.70	1.175	-	-	-0.05	0.739	0.868
	LTE Band 26	15M	QPSK	1	0	-	Back	15mm	Ant 1	ECI 4	26865	831.5	code:0	25.14	25.70	1.138	-	-	0.01	0.584	0.665
	FR1 n5	20M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 0	ECI 3	167300	836.5	code:4	25.37	25.70	1.079	-	-	0.11	0.799	0.862
	FR1 n5	20M	QPSK	50	28	DFT-SCS-15KHz	Front	5mm	Ant 0	ECI 3	167300	836.5	code:4	25.16	25.70	1.132	-	-	-0.05	0.818	0.926
	FR1 n5	20M	QPSK	100	0	DFT-SCS-15KHz	Front	5mm	Ant 0	ECI 3	167300	836.5	code:4	24.19	24.70	1.125	-	-	0.07	0.777	0.874
86	FR1 n5	20M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 0	ECI 3	167300	836.5	code:4	25.37	25.70	1.079	-	-	-0.02	0.882	**0.952**
	FR1 n5	20M	QPSK	50	28	DFT-SCS-15KHz	Back	5mm	Ant 0	ECI 3	167300	836.5	code:4	25.16	25.70	1.132	-	-	0.18	0.840	0.951
	FR1 n5	20M	QPSK	100	0	DFT-SCS-15KHz	Back	5mm	Ant 0	ECI 3	167300	836.5	code:4	24.19	24.70	1.125	-	-	0.14	0.676	0.761
	FR1 n5 main PA	20M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 0	ECI 3	167300	836.5	code:4	25.24	25.70	1.112	-	-	-0.17	0.853	0.949
	FR1 n5	20M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 0	ECI 3	167300	836.5	code:8	25.37	25.70	1.079	-	-	0.010	0.327	0.353
	FR1 n5	20M	QPSK	50	28	DFT-SCS-15KHz	Front	5mm	Ant 0	ECI 3	167300	836.5	code:8	25.16	25.70	1.132	-	-	0.030	0.366	0.414
	FR1 n5	20M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 0	ECI 3	167300	836.5	code:8	25.37	25.70	1.079	-	-	-0.080	0.422	0.455
	FR1 n5	20M	QPSK	50	28	DFT-SCS-15KHz	Back	5mm	Ant 0	ECI 3	167300	836.5	code:8	25.16	25.70	1.132	-	-	0.010	0.442	0.500
	FR1 n5 main PA	20M	QPSK	50	28	DFT-SCS-15KHz	Back	5mm	Ant 0	ECI 3	167300	836.5	code:8	24.98	25.70	1.180	-	-	-0.080	0.394	0.465
	FR1 n5	20M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 1	ECI 3	167300	836.5	code:2	20.31	20.70	1.094	-	-	0.17	0.586	0.641
	FR1 n5	20M	QPSK	50	28	DFT-SCS-15KHz	Front	5mm	Ant 1	ECI 3	167300	836.5	code:2	20.18	20.70	1.127	-	-	-0.05	0.668	0.753
	FR1 n5	20M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 1	ECI 3	167300	836.5	code:2	20.31	20.70	1.094	-	-	0.01	0.738	0.807
	FR1 n5	20M	QPSK	50	28	DFT-SCS-15KHz	Back	5mm	Ant 1	ECI 3	167300	836.5	code:2	20.18	20.70	1.127	-	-	0.1	0.731	0.824
	FR1 n5	20M	QPSK	100	0	DFT-SCS-15KHz	Back	5mm	Ant 1	ECI 3	167300	836.5	code:2	19.98	20.70	1.180	-	-	-0.09	0.750	0.885
	FR1 n5	20M	QPSK	100	0	DFT-SCS-15KHz	Back	5mm	Ant 1	ECI 3	167300	836.5	code:0	19.98	20.70	1.180	-	-	-0.17	0.742	0.876
	FR1 n5 main PA	20M	QPSK	100	0	DFT-SCS-15KHz	Back	5mm	Ant 1	ECI 3	167300	836.5	code:2	20.35	20.70	1.084	-	-	0.04	0.709	0.769
	FR1 n5	20M	QPSK	1	1	DFT-SCS-15KHz	Front	12mm	Ant 1	ECI 4	167300	836.5	code:2	25.28	25.70	1.102	-	-	-0.08	0.635	0.700
	FR1 n5	20M	QPSK	50	28	DFT-SCS-15KHz	Front	12mm	Ant 1	ECI 4	167300	836.5	code:2	24.99	25.70	1.178	-	-	0.05	0.655	0.772
	FR1 n5	20M	QPSK	1	1	DFT-SCS-15KHz	Back	15mm	Ant 1	ECI 4	167300	836.5	code:2	25.28	25.70	1.102	-	-	0.06	0.727	0.801
	FR1 n5	20M	QPSK	50	28	DFT-SCS-15KHz	Back	15mm	Ant 1	ECI 4	167300	836.5	code:2	24.99	25.70	1.178	-	-	0.02	0.731	0.861
	FR1 n5	20M	QPSK	100	0	DFT-SCS-15KHz	Back	15mm	Ant 1	ECI 4	167300	836.5	code:2	24.12	24.70	1.143	-	-	-0.09	0.541	0.618
	FR1 n5	20M	QPSK	50	28	DFT-SCS-15KHz	Back	15mm	Ant 1	ECI 4	167300	836.5	code:0	24.99	25.70	1.178	-	-	-0.08	0.710	0.836
	FR1 n5 main PA	20M	QPSK	50	28	DFT-SCS-15KHz	Back	15mm	Ant 1	ECI 4	167300	836.5	code:2	25.14	25.70	1.138	-	-	0.13	0.726	0.826
	FR1 n26	20M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 0	ECI 3	166300	831.5	code:4	25.25	25.70	1.109	-	-	0.08	0.751	0.833
	FR1 n26	20M	QPSK	50	28	DFT-SCS-15KHz	Front	5mm	Ant 0	ECI 3	166300	831.5	code:4	24.97	25.70	1.183	-	-	-0.17	0.763	0.903
	FR1 n26	20M	QPSK	100	0	DFT-SCS-15KHz	Front	5mm	Ant 0	ECI 3	166300	831.5	code:4	24.11	24.70	1.146	-	-	0.08	0.712	0.816

	FR1 n26	20M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 0	ECI 3	166300	831.5	code:4	25.25	25.70	1.109	-	-	-0.03	0.847	0.939
87	FR1 n26	20M	QPSK	50	28	DFT-SCS-15KHz	Back	5mm	Ant 0	ECI 3	166300	831.5	code:4	24.97	25.70	1.183	-	-	-0.14	0.858	**1.015**
	FR1 n26	20M	QPSK	100	0	DFT-SCS-15KHz	Back	5mm	Ant 0	ECI 3	166300	831.5	code:4	24.11	24.70	1.146	-	-	0.14	0.674	0.772
	FR1 n26	20M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 0	ECI 3	166300	831.5	code:8	25.25	25.70	1.109	-	-	0.1	0.324	0.359
	FR1 n26	20M	QPSK	50	28	DFT-SCS-15KHz	Front	5mm	Ant 0	ECI 3	166300	831.5	code:8	24.97	25.70	1.183	-	-	-0.18	0.390	0.461
	FR1 n26	20M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 0	ECI 3	166300	831.5	code:8	25.25	25.70	1.109	-	-	0.1	0.382	0.424
	FR1 n26	20M	QPSK	50	28	DFT-SCS-15KHz	Back	5mm	Ant 0	ECI 3	166300	831.5	code:8	24.97	25.70	1.183	-	-	0.12	0.424	0.502
	FR1 n26	20M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 1	ECI 3	166300	831.5	code:2	21.49	21.70	1.050	-	-	-0.01	0.722	0.758
	FR1 n26	20M	QPSK	50	28	DFT-SCS-15KHz	Front	5mm	Ant 1	ECI 3	166300	831.5	code:2	21.47	21.70	1.054	-	-	-0.08	0.809	0.853
	FR1 n26	20M	QPSK	100	0	DFT-SCS-15KHz	Front	5mm	Ant 1	ECI 3	166300	831.5	code:2	21.42	21.70	1.067	-	-	0.05	0.827	0.882
	FR1 n26	20M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 1	ECI 3	166300	831.5	code:2	21.49	21.70	1.050	-	-	0.06	0.753	0.791
	FR1 n26	20M	QPSK	50	28	DFT-SCS-15KHz	Back	5mm	Ant 1	ECI 3	166300	831.5	code:2	21.47	21.70	1.054	-	-	-0.09	0.871	0.918
	FR1 n26	20M	QPSK	100	0	DFT-SCS-15KHz	Back	5mm	Ant 1	ECI 3	166300	831.5	code:2	21.42	21.70	1.067	-	-	-0.09	0.883	0.942
	FR1 n26	20M	QPSK	100	0	DFT-SCS-15KHz	Back	5mm	Ant 1	ECI 3	166300	831.5	code:0	21.42	21.70	1.067	-	-	-0.08	0.871	0.929
	FR1 n26	20M	QPSK	1	1	DFT-SCS-15KHz	Front	12mm	Ant 1	ECI 4	166300	831.5	code:2	25.37	25.70	1.079	-	-	0.16	0.559	0.603
	FR1 n26	20M	QPSK	50	28	DFT-SCS-15KHz	Front	12mm	Ant 1	ECI 4	166300	831.5	code:2	25.11	25.70	1.146	-	-	-0.1	0.607	0.696
	FR1 n26	20M	QPSK	1	1	DFT-SCS-15KHz	Back	15mm	Ant 1	ECI 4	166300	831.5	code:2	25.37	25.70	1.079	-	-	0.07	0.625	0.674
	FR1 n26	20M	QPSK	50	28	DFT-SCS-15KHz	Back	15mm	Ant 1	ECI 4	166300	831.5	code:2	25.11	25.70	1.146	-	-	0.18	0.696	0.798
	FR1 n26	20M	QPSK	50	28	DFT-SCS-15KHz	Back	15mm	Ant 1	ECI 4	166300	831.5	code:0	25.11	25.70	1.146	-	-	-0.11	0.617	0.707
1750MHz																					
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Front	5mm	Ant 3	ECI 3	1413	1732.6	-	18.97	20.00	1.268	-	-	-0.12	0.633	0.803
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Front	5mm	Ant 3	ECI 3	1312	1712.4	-	18.93	20.00	1.279	-	-	0.07	0.582	0.744
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Front	5mm	Ant 3	ECI 3	1513	1752.6	-	18.86	20.00	1.300	-	-	0.09	0.646	0.840
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Back	5mm	Ant 3	ECI 3	1413	1732.6	-	18.97	20.00	1.268	-	-	0.04	0.729	0.924
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Back	5mm	Ant 3	ECI 3	1312	1712.4	-	18.93	20.00	1.279	-	-	0.11	0.695	0.889
88	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Back	5mm	Ant 3	ECI 3	1513	1752.6	-	18.86	20.00	1.300	-	-	-0.16	0.784	**1.019**
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Front	12mm	Ant 3	ECI 4	1413	1732.6	-	23.85	25.00	1.303	-	-	0.08	0.492	0.641
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Back	15mm	Ant 3	ECI 4	1413	1732.6	-	23.85	25.00	1.303	-	-	0.15	0.346	0.451
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Front	5mm	Ant 2	ECI 3	1413	1732.6	-	17.32	18.50	1.312	-	-	0.18	0.532	0.698
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Back	5mm	Ant 2	ECI 3	1413	1732.6	-	17.32	18.50	1.312	-	-	0.07	0.721	0.946
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Back	5mm	Ant 2	ECI 3	1312	1712.4	-	17.29	18.50	1.321	-	-	0.18	0.657	0.868
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Back	5mm	Ant 2	ECI 3	1513	1752.6	-	17.25	18.50	1.334	-	-	0.05	0.725	0.967
	LTE Band 4	20M	QPSK	1	0	-	Front	5mm	Ant 2	ECI 3	20175	1732.5	code:b0	18.79	19.20	1.099	-	-	-0.03	0.601	0.660
	LTE Band 4	20M	QPSK	50	0	-	Front	5mm	Ant 2	ECI 3	20175	1732.5	code:b0	18.69	19.20	1.125	-	-	0.14	0.619	0.696
	LTE Band 4	20M	QPSK	1	0	-	Back	5mm	Ant 2	ECI 3	20175	1732.5	code:b0	18.79	19.20	1.099	-	-	0.03	0.909	0.999
	LTE Band 4	20M	QPSK	50	0	-	Back	5mm	Ant 2	ECI 3	20175	1732.5	code:b0	18.69	19.20	1.125	-	-	0.18	0.832	0.936
	LTE Band 4	20M	QPSK	100	0	-	Back	5mm	Ant 2	ECI 3	20175	1732.5	code:b0	18.53	19.20	1.167	-	-	0.14	0.834	0.973
	LTE Band 4	20M	QPSK	1	0	-	Back	5mm	Ant 2	ECI 3	20175	1732.5	code:1e	18.79	19.20	1.099	-	-	-0.17	0.149	0.164
	LTE Band 4 other pa	20M	QPSK	1	0	-	Back	5mm	Ant 2	ECI 3	20175	1732.5	code:b0	18.35	19.20	1.216	-	-	-0.05	0.817	0.993
	LTE Band 4	20M	QPSK	1	0	-	Front	5mm	Ant 3	ECI 3	20175	1732.5	code:0	20.31	21.20	1.227	-	-	-0.1	0.680	0.834
	LTE Band 4	20M	QPSK	50	0	-	Front	5mm	Ant 3	ECI 3	20175	1732.5	code:0	20.29	21.20	1.233	-	-	0.01	0.690	0.851
	LTE Band 4	20M	QPSK	100	0	-	Front	5mm	Ant 3	ECI 3	20175	1732.5	code:0	19.98	21.20	1.324	-	-	-0.15	0.714	0.945
89	LTE Band 4	20M	QPSK	1	0	-	Back	5mm	Ant 3	ECI 3	20175	1732.5	code:0	20.31	21.20	1.227	-	-	-0.09	0.880	**1.080**
	LTE Band 4	20M	QPSK	50	0	-	Back	5mm	Ant 3	ECI 3	20175	1732.5	code:0	20.29	21.20	1.233	-	-	0.19	0.858	1.058
	LTE Band 4	20M	QPSK	100	0	-	Back	5mm	Ant 3	ECI 3	20175	1732.5	code:0	19.98	21.20	1.324	-	-	0.07	0.812	1.075
	LTE Band 4 other pa	20M	QPSK	1	0	-	Back	5mm	Ant 3	ECI 3	20175	1732.5	code:0	20.36	21.20	1.213	-	-	-0.18	0.766	0.929
	LTE Band 4	20M	QPSK	1	0	-	Front	12mm	Ant 3	ECI 4	20175	1732.5	code:0	24.81	25.70	1.227	-	-	0.1	0.332	0.407
	LTE Band 4	20M	QPSK	50	0	-	Front	12mm	Ant 3	ECI 4	20175	1732.5	code:0	24.07	24.70	1.156	-	-	0.12	0.256	0.296
	LTE Band 4	20M	QPSK	1	0	-	Back	15mm	Ant 3	ECI 4	20175	1732.5	code:0	24.81	25.70	1.227	-	-	-0.01	0.389	0.477
	LTE Band 4	20M	QPSK	50	0	-	Back	15mm	Ant 3	ECI 4	20175	1732.5	code:0	24.07	24.70	1.156	-	-	0.08	0.321	0.371
	LTE Band 4 other pa	20M	QPSK	1	0	-	Back	15mm	Ant 3	ECI 4	20175	1732.5	code:0	24.85	25.70	1.216	-	-	-0.17	0.356	0.433
	LTE Band 4	20M	QPSK	1	0	-	Front	5mm	Ant 4	ECI 3	20175	1732.5	-	19.77	20.70	1.239	-	-	0.08	0.610	0.756
	LTE Band 4	20M	QPSK	50	0	-	Front	5mm	Ant 4	ECI 3	20175	1732.5	-	19.62	20.70	1.282	-	-	0.01	0.611	0.783
	LTE Band 4	20M	QPSK	1	0	-	Back	5mm	Ant 4	ECI 3	20175	1732.5	-	19.77	20.70	1.239	-	-	-0.01	0.796	0.986
	LTE Band 4	20M	QPSK	50	0	-	Back	5mm	Ant 4	ECI 3	20175	1732.5	-	19.62	20.70	1.282	-	-	-0.08	0.761	0.976

	LTE Band 4	20M	QPSK	100	0	-	Back	5mm	Ant 4	ECI 3	20175	1732.5	-	19.44	20.70	1.337	-	-	-0.08	0.733	0.980
	LTE Band 4 other pa	20M	QPSK	1	0	-	Back	5mm	Ant 4	ECI 3	20175	1732.5	-	19.52	20.70	1.312	-	-	0.1	0.750	0.984
	LTE Band 4	20M	QPSK	1	0	-	Front	5mm	Ant 5	ECI 3	20175	1732.5	-	19.09	20.50	1.384	-	-	-0.18	0.513	0.710
	LTE Band 4	20M	QPSK	50	0	-	Front	5mm	Ant 5	ECI 3	20175	1732.5	-	18.87	20.50	1.455	-	-	0.1	0.524	0.762
	LTE Band 4	20M	QPSK	1	0	-	Back	5mm	Ant 5	ECI 3	20175	1732.5	-	19.09	20.50	1.384	-	-	0.02	0.705	0.976
	LTE Band 4	20M	QPSK	50	0	-	Back	5mm	Ant 5	ECI 3	20175	1732.5	-	18.87	20.50	1.455	-	-	0.12	0.668	0.972
	LTE Band 4	20M	QPSK	100	0	-	Back	5mm	Ant 5	ECI 3	20175	1732.5	-	18.72	20.50	1.507	-	-	0.08	0.635	0.957
	LTE Band 4 other pa	20M	QPSK	1	0	-	Back	5mm	Ant 5	ECI 3	20175	1732.5	-	19.17	20.50	1.358	-	-	-0.17	0.687	0.933
	LTE Band 4	20M	QPSK	1	0	-	Front	12mm	Ant 5	ECI 4	20175	1732.5	-	24.01	25.50	1.409	-	-	0.18	0.368	0.519
	LTE Band 4	20M	QPSK	50	0	-	Front	12mm	Ant 5	ECI 4	20175	1732.5	-	23.16	24.50	1.361	-	-	0.14	0.312	0.425
	LTE Band 4	20M	QPSK	1	0	-	Back	15mm	Ant 5	ECI 4	20175	1732.5	-	24.01	25.50	1.409	-	-	0.07	0.326	0.459
	LTE Band 4	20M	QPSK	50	0	-	Back	15mm	Ant 5	ECI 4	20175	1732.5	-	23.16	24.50	1.361	-	-	-0.17	0.265	0.361
	LTE Band 4 other pa	20M	QPSK	1	0	-	Front	12mm	Ant 5	ECI 4	20175	1732.5	-	24.09	25.50	1.384	-	-	0.17	0.352	0.487
	LTE Band 66	20M	QPSK	1	0	-	Front	5mm	Ant 2	ECI 3	132322	1745	code:b0	18.59	19.20	1.151	-	-	-0.05	0.637	0.733
	LTE Band 66	20M	QPSK	50	0	-	Front	5mm	Ant 2	ECI 3	132322	1745	code:b0	18.53	19.20	1.167	-	-	-0.17	0.646	0.754
	LTE Band 66	20M	QPSK	1	0	-	Back	5mm	Ant 2	ECI 3	132322	1745	code:b0	18.59	19.20	1.151	-	-	0.05	0.789	0.908
	LTE Band 66	20M	QPSK	1	0	-	Back	5mm	Ant 2	ECI 3	132072	1720	code:b0	18.49	19.20	1.178	-	-	0.06	0.685	0.807
90	LTE Band 66	20M	QPSK	1	0	-	Back	5mm	Ant 2	ECI 3	132572	1770	code:b0	18.48	19.20	1.180	-	-	0.04	0.925	**1.092**
	LTE Band 66	20M	QPSK	50	0	-	Back	5mm	Ant 2	ECI 3	132322	1745	code:b0	18.53	19.20	1.167	-	-	-0.08	0.852	0.994
	LTE Band 66	20M	QPSK	50	0	-	Back	5mm	Ant 2	ECI 3	132072	1720	code:b0	18.26	19.20	1.242	-	-	0.13	0.743	0.923
	LTE Band 66	20M	QPSK	50	0	-	Back	5mm	Ant 2	ECI 3	132572	1770	code:b0	18.34	19.20	1.219	-	-	0.12	0.895	1.091
	LTE Band 66	20M	QPSK	100	0	-	Back	5mm	Ant 2	ECI 3	132322	1745	code:b0	18.26	19.20	1.242	-	-	0.03	0.871	1.082
	LTE Band 66	20M	QPSK	1	0	-	Back	5mm	Ant 2	ECI 3	132322	1745	code:1e	18.59	19.20	1.151	-	-	0.18	0.171	0.197
	LTE Band 66 other pa	20M	QPSK	1	0	-	Back	5mm	Ant 2	ECI 3	132572	1770	code:b0	18.47	19.20	1.183	-	-	-0.09	0.907	1.073
	LTE Band 66	20M	QPSK	1	0	-	Front	5mm	Ant 3	ECI 3	132322	1745	code:0	19.86	20.70	1.213	-	-	0.18	0.556	0.674
	LTE Band 66	20M	QPSK	50	0	-	Front	5mm	Ant 3	ECI 3	132322	1745	code:0	19.82	20.70	1.225	-	-	-0.13	0.565	0.692
	LTE Band 66	20M	QPSK	1	0	-	Back	5mm	Ant 3	ECI 3	132322	1745	code:0	19.86	20.70	1.213	-	-	-0.03	0.756	0.917
	LTE Band 66	20M	QPSK	1	0	-	Back	5mm	Ant 3	ECI 3	132072	1720	code:0	19.67	20.70	1.268	-	-	0.08	0.654	0.829
	LTE Band 66	20M	QPSK	1	0	-	Back	5mm	Ant 3	ECI 3	132572	1770	code:0	19.73	20.70	1.250	-	-	-0.07	0.807	1.009
	LTE Band 66	20M	QPSK	50	0	-	Back	5mm	Ant 3	ECI 3	132322	1745	code:0	19.82	20.70	1.225	-	-	0.05	0.763	0.935
	LTE Band 66	20M	QPSK	50	0	-	Back	5mm	Ant 3	ECI 3	132072	1720	code:0	19.51	20.70	1.315	-	-	-0.11	0.692	0.910
	LTE Band 66	20M	QPSK	50	0	-	Back	5mm	Ant 3	ECI 3	132572	1770	code:0	19.68	20.70	1.265	-	-	-0.05	0.827	1.046
	LTE Band 66	20M	QPSK	100	0	-	Back	5mm	Ant 3	ECI 3	132322	1745	code:0	19.68	20.70	1.265	-	-	0.03	0.769	0.973
	LTE Band 66 other pa	20M	QPSK	50	0	-	Back	5mm	Ant 3	ECI 3	132572	1770	code:0	19.91	20.70	1.199	-	-	-0.16	0.686	0.823
	LTE Band 66	20M	QPSK	1	0	-	Front	12mm	Ant 3	ECI 4	132322	1745	code:0	24.86	25.70	1.213	-	-	-0.01	0.301	0.365
	LTE Band 66	20M	QPSK	50	0	-	Front	12mm	Ant 3	ECI 4	132322	1745	code:0	24.02	24.70	1.169	-	-	-0.08	0.233	0.272
	LTE Band 66	20M	QPSK	1	0	-	Back	15mm	Ant 3	ECI 4	132322	1745	code:0	24.86	25.70	1.213	-	-	0.02	0.469	0.569
	LTE Band 66	20M	QPSK	50	0	-	Back	15mm	Ant 3	ECI 4	132322	1745	code:0	24.02	24.70	1.169	-	-	0.05	0.379	0.443
	LTE Band 66 other pa	20M	QPSK	1	0	-	Back	15mm	Ant 3	ECI 4	132322	1745	code:0	24.88	25.70	1.208	-	-	0.06	0.390	0.471
	LTE Band 66	20M	QPSK	1	0	-	Front	5mm	Ant 4	ECI 3	132322	1745	-	18.71	19.70	1.256	-	-	0.05	0.526	0.661
	LTE Band 66	20M	QPSK	50	0	-	Front	5mm	Ant 4	ECI 3	132322	1745	-	18.59	19.70	1.291	-	-	0.01	0.525	0.678
	LTE Band 66	20M	QPSK	1	0	-	Back	5mm	Ant 4	ECI 3	132322	1745	-	18.71	19.70	1.256	-	-	0.07	0.632	0.794
	LTE Band 66	20M	QPSK	50	0	-	Back	5mm	Ant 4	ECI 3	132322	1745	-	18.59	19.70	1.291	-	-	-0.08	0.668	0.862
	LTE Band 66	20M	QPSK	50	0	-	Back	5mm	Ant 4	ECI 3	132072	1720	-	18.38	19.70	1.355	-	-	-0.08	0.587	0.795
	LTE Band 66	20M	QPSK	50	0	-	Back	5mm	Ant 4	ECI 3	132572	1770	-	18.47	19.70	1.327	-	-	0.12	0.740	0.982
	LTE Band 66	20M	QPSK	100	0	-	Back	5mm	Ant 4	ECI 3	132322	1745	-	18.40	19.70	1.349	-	-	-0.13	0.694	0.936
	LTE Band 66 other pa	20M	QPSK	50	0	-	Back	5mm	Ant 4	ECI 3	132572	1770	-	18.52	19.70	1.312	-	-	0.01	0.688	0.903
	LTE Band 66	20M	QPSK	1	0	-	Front	5mm	Ant 5	ECI 3	132322	1745	-	18.80	20.00	1.318	-	-	-0.03	0.492	0.648
	LTE Band 66	20M	QPSK	50	0	-	Front	5mm	Ant 5	ECI 3	132322	1745	-	18.62	20.00	1.374	-	-	0.14	0.491	0.675
	LTE Band 66	20M	QPSK	1	0	-	Back	5mm	Ant 5	ECI 3	132322	1745	-	18.80	20.00	1.318	-	-	0.11	0.698	0.920
	LTE Band 66	20M	QPSK	1	0	-	Back	5mm	Ant 5	ECI 3	132072	1720	-	18.65	20.00	1.365	-	-	-0.05	0.571	0.779
	LTE Band 66	20M	QPSK	1	0	-	Back	5mm	Ant 5	ECI 3	132572	1770	-	18.68	20.00	1.355	-	-	0.18	0.777	1.053
	LTE Band 66	20M	QPSK	50	0	-	Back	5mm	Ant 5	ECI 3	132322	1745	-	18.62	20.00	1.374	-	-	0.14	0.699	0.960
	LTE Band 66	20M	QPSK	50	0	-	Back	5mm	Ant 5	ECI 3	132072	1720	-	18.51	20.00	1.409	-	-	-0.17	0.597	0.841

	LTE Band 66	20M	QPSK	50	0	-	Back	5mm	Ant 5	ECI 3	132572	1770	-	18.58	20.00	1.387	-	-	0.11	0.785	1.089
	LTE Band 66	20M	QPSK	100	0	-	Back	5mm	Ant 5	ECI 3	132322	1745	-	18.45	20.00	1.429	-	-	0.17	0.712	1.017
	LTE Band 66 other pa	20M	QPSK	50	0	-	Back	5mm	Ant 5	ECI 3	132572	1770	-	18.59	20.00	1.384	-	-	-0.05	0.714	0.988
	LTE Band 66	20M	QPSK	1	0	-	Front	12mm	Ant 5	ECI 4	132322	1745	-	24.14	25.50	1.368	-	-	0.03	0.418	0.572
	LTE Band 66	20M	QPSK	50	0	-	Front	12mm	Ant 5	ECI 4	132322	1745	-	23.28	24.50	1.324	-	-	0.18	0.337	0.446
	LTE Band 66	20M	QPSK	1	0	-	Back	15mm	Ant 5	ECI 4	132322	1745	-	24.14	25.50	1.368	-	-	-0.04	0.337	0.461
	LTE Band 66	20M	QPSK	50	0	-	Back	15mm	Ant 5	ECI 4	132322	1745	-	23.28	24.50	1.324	-	-	0.16	0.266	0.352
	LTE Band 66 other pa	20M	QPSK	1	0	-	Front	12mm	Ant 5	ECI 4	132322	1745	-	24.10	25.50	1.380	-	-	-0.1	0.392	0.541
	FR1 n66	40M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 2	ECI 3	349000	1745	code:b0	18.85	19.20	1.084	-	-	-0.1	0.665	0.721
	FR1 n66	40M	QPSK	108	54	DFT-SCS-15KHz	Front	5mm	Ant 2	ECI 3	349000	1745	code:b0	18.74	19.20	1.112	-	-	0.07	0.643	0.715
	FR1 n66	40M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 2	ECI 3	349000	1745	code:b0	18.85	19.20	1.084	-	-	-0.1	0.824	0.893
	FR1 n66	40M	QPSK	108	54	DFT-SCS-15KHz	Back	5mm	Ant 2	ECI 3	349000	1745	code:b0	18.74	19.20	1.112	-	-	0.04	0.852	0.947
	FR1 n66	40M	QPSK	216	0	DFT-SCS-15KHz	Back	5mm	Ant 2	ECI 3	349000	1745	code:b0	18.52	19.20	1.169	-	-	-0.15	0.803	0.939
	FR1 n66	40M	QPSK	108	54	DFT-SCS-15KHz	Back	5mm	Ant 2	ECI 3	349000	1745	code:1e	18.74	19.20	1.112	-	-	0.19	0.163	0.181
	FR1 n66 other pa	40M	QPSK	108	54	DFT-SCS-15KHz	Back	5mm	Ant 2	ECI 3	349000	1745	code:b0	18.48	19.20	1.180	-	-	0.01	0.801	0.945
	FR1 n66	40M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 3	ECI 3	349000	1745	code:0	20.60	21.20	1.148	-	-	-0.18	0.668	0.767
	FR1 n66	40M	QPSK	108	54	DFT-SCS-15KHz	Front	5mm	Ant 3	ECI 3	349000	1745	code:0	20.58	21.20	1.153	-	-	0.03	0.662	0.763
	FR1 n66	40M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 3	ECI 3	349000	1745	code:0	20.60	21.20	1.148	-	-	-0.15	0.822	0.944
	FR1 n66	40M	QPSK	108	54	DFT-SCS-15KHz	Back	5mm	Ant 3	ECI 3	349000	1745	code:0	20.58	21.20	1.153	-	-	-0.12	0.887	1.023
	FR1 n66	40M	QPSK	216	0	DFT-SCS-15KHz	Back	5mm	Ant 3	ECI 3	349000	1745	code:0	20.56	21.20	1.159	-	-	-0.08	0.863	1.000
	FR1 n66 other pa	40M	QPSK	108	54	DFT-SCS-15KHz	Back	5mm	Ant 3	ECI 3	349000	1745	code:0	20.44	21.20	1.191	-	-	0.11	0.847	1.009
	FR1 n66	40M	QPSK	1	1	DFT-SCS-15KHz	Front	12mm	Ant 3	ECI 4	349000	1745	code:0	25.02	25.70	1.169	-	-	0.19	0.410	0.479
	FR1 n66	40M	QPSK	108	54	DFT-SCS-15KHz	Front	12mm	Ant 3	ECI 4	349000	1745	code:0	24.87	25.70	1.211	-	-	0.07	0.397	0.481
	FR1 n66	40M	QPSK	1	1	DFT-SCS-15KHz	Back	15mm	Ant 3	ECI 4	349000	1745	code:0	25.02	25.70	1.169	-	-	-0.18	0.419	0.490
	FR1 n66	40M	QPSK	108	54	DFT-SCS-15KHz	Back	15mm	Ant 3	ECI 4	349000	1745	code:0	24.87	25.70	1.211	-	-	-0.02	0.440	0.533
	FR1 n66 other pa	40M	QPSK	108	54	DFT-SCS-15KHz	Back	15mm	Ant 3	ECI 4	349000	1745	code:0	24.88	25.70	1.208	-	-	0.03	0.400	0.483
	FR1 n66	40M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 4	ECI 3	349000	1745	-	19.23	20.20	1.250	-	-	-0.03	0.643	0.804
	FR1 n66	40M	QPSK	108	54	DFT-SCS-15KHz	Front	5mm	Ant 4	ECI 3	349000	1745	-	19.12	20.20	1.282	-	-	0.17	0.676	0.867
	FR1 n66	40M	QPSK	216	0	DFT-SCS-15KHz	Front	5mm	Ant 4	ECI 3	349000	1745	-	18.99	20.20	1.321	-	-	0.05	0.651	0.860
	FR1 n66	40M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 4	ECI 3	349000	1745	-	19.23	20.20	1.250	-	-	-0.14	0.699	0.874
	FR1 n66	40M	QPSK	108	54	DFT-SCS-15KHz	Back	5mm	Ant 4	ECI 3	349000	1745	-	19.12	20.20	1.282	-	-	0.17	0.799	1.024
	FR1 n66	40M	QPSK	216	0	DFT-SCS-15KHz	Back	5mm	Ant 4	ECI 3	349000	1745	-	18.99	20.20	1.321	-	-	0.06	0.770	1.017
	FR1 n66 other pa	40M	QPSK	108	54	DFT-SCS-15KHz	Back	5mm	Ant 4	ECI 3	349000	1745	-	19.10	20.20	1.288	-	-	-0.06	0.727	0.936
	FR1 n66	40M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 5	ECI 3	349000	1745	-	19.71	21.00	1.346	-	-	0.13	0.482	0.649
	FR1 n66	40M	QPSK	108	54	DFT-SCS-15KHz	Front	5mm	Ant 5	ECI 3	349000	1745	-	19.70	21.00	1.349	-	-	0.12	0.545	0.735
	FR1 n66	40M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 5	ECI 3	349000	1745	-	19.71	21.00	1.346	-	-	0.03	0.700	0.942
91	FR1 n66	40M	QPSK	108	54	DFT-SCS-15KHz	Back	5mm	Ant 5	ECI 3	349000	1745	-	19.70	21.00	1.349	-	-	0.04	0.773	**1.043**
	FR1 n66	40M	QPSK	216	0	DFT-SCS-15KHz	Back	5mm	Ant 5	ECI 3	349000	1745	-	19.64	21.00	1.368	-	-	0.18	0.757	1.036
	FR1 n66 other pa	40M	QPSK	108	54	DFT-SCS-15KHz	Back	5mm	Ant 5	ECI 3	349000	1745	-	19.68	21.00	1.355	-	-	0.16	0.770	1.043
	FR1 n66	40M	QPSK	1	1	DFT-SCS-15KHz	Front	12mm	Ant 5	ECI 4	349000	1745	-	24.15	25.50	1.365	-	-	0.16	0.392	0.535
	FR1 n66	40M	QPSK	108	54	DFT-SCS-15KHz	Front	12mm	Ant 5	ECI 4	349000	1745	-	23.93	25.50	1.435	-	-	0.05	0.433	0.621
	FR1 n66	40M	QPSK	1	1	DFT-SCS-15KHz	Back	15mm	Ant 5	ECI 4	349000	1745	-	24.15	25.50	1.365	-	-	0.05	0.190	0.259
	FR1 n66	40M	QPSK	108	54	DFT-SCS-15KHz	Back	15mm	Ant 5	ECI 4	349000	1745	-	23.93	25.50	1.435	-	-	-0.03	0.297	0.426
	FR1 n66 other pa	40M	QPSK	108	54	DFT-SCS-15KHz	Front	12mm	Ant 5	ECI 4	349000	1745	-	23.95	25.50	1.429	-	-	-0.15	0.373	0.533
1900MHz																					
	GSM1900	-	-	-	-	GPRS (4 Tx slots)	Front	5mm	Ant 3	ECI 3	661	1880	-	21.79	23.00	1.321	-	-	-0.17	0.478	0.631
	GSM1900	-	-	-	-	GPRS (4 Tx slots)	Back	5mm	Ant 3	ECI 3	661	1880	-	21.79	23.00	1.321	-	-	-0.08	0.608	0.803
	GSM1900	-	-	-	-	GPRS (4 Tx slots)	Back	5mm	Ant 3	ECI 3	512	1850.2	-	21.77	23.00	1.327	-	-	-0.04	0.723	0.959
	GSM1900	-	-	-	-	GPRS (4 Tx slots)	Back	5mm	Ant 3	ECI 3	810	1909.8	-	21.74	23.00	1.337	-	-	0.17	0.625	0.836
	GSM1900	-	-	-	-	GPRS (4 Tx slots)	Front	12mm	Ant 3	ECI 4	661	1880	-	23.69	25.00	1.352	-	-	-0.15	0.195	0.264
	GSM1900	-	-	-	-	GPRS (4 Tx slots)	Back	15mm	Ant 3	ECI 4	661	1880	-	23.69	25.00	1.352	-	-	0.04	0.261	0.353
	GSM1900	-	-	-	-	GPRS (4 Tx	Front	5mm	Ant 2	ECI 3	661	1880	-	20.18	21.50	1.355	-	-	0.03	0.547	0.741

						slots)															
	GSM1900	-	-	-	-	GPRS (4 Tx slots)	Back	5mm	Ant 2	ECI 3	661	1880	-	20.18	21.50	1.355	-	-	0.11	0.765	1.037
	GSM1900	-	-	-	-	GPRS (4 Tx slots)	Back	5mm	Ant 2	ECI 3	512	1850.2	-	20.11	21.50	1.377	-	-	-0.08	0.717	0.987
92	GSM1900	-	-	-	-	GPRS (4 Tx slots)	Back	5mm	Ant 2	ECI 3	810	1909.8	-	20.13	21.50	1.371	-	-	0.07	0.770	**1.056**
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Front	5mm	Ant 3	ECI 3	9400	1880	-	19.06	20.00	1.242	-	-	-0.13	0.599	0.744
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Back	5mm	Ant 3	ECI 3	9400	1880	-	19.06	20.00	1.242	-	-	0.17	0.763	0.948
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Back	5mm	Ant 3	ECI 3	9262	1852.4	-	19.02	20.00	1.253	-	-	-0.04	0.791	0.991
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Back	5mm	Ant 3	ECI 3	9538	1907.6	-	18.99	20.00	1.262	-	-	-0.16	0.720	0.909
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Front	12mm	Ant 3	ECI 4	9400	1880	-	23.90	25.00	1.288	-	-	0.11	0.411	0.529
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Back	15mm	Ant 3	ECI 4	9400	1880	-	23.90	25.00	1.288	-	-	-0.08	0.346	0.446
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Front	5mm	Ant 2	ECI 3	9400	1880	-	17.87	19.00	1.297	-	-	-0.17	0.553	0.717
93	WCDMA II	-	-	-	-	RMC 12.2Kbps	Back	5mm	Ant 2	ECI 3	9400	1880	-	17.87	19.00	1.297	-	-	0.07	0.800	**1.038**
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Back	5mm	Ant 2	ECI 3	9262	1852.4	-	17.83	19.00	1.309	-	-	-0.01	0.728	0.953
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Back	5mm	Ant 2	ECI 3	9538	1907.6	-	17.85	19.00	1.303	-	-	-0.14	0.747	0.973
	LTE Band 2	20M	QPSK	1	0	-	Front	5mm	Ant 2	ECI 3	18900	1880	code:a1	18.85	19.50	1.161	-	-	-0.11	0.556	0.646
	LTE Band 2	20M	QPSK	50	0	-	Front	5mm	Ant 2	ECI 3	18900	1880	code:a1	18.65	19.50	1.216	-	-	-0.01	0.559	0.680
	LTE Band 2	20M	QPSK	1	0	-	Back	5mm	Ant 2	ECI 3	18900	1880	code:a1	18.85	19.50	1.161	-	-	0.09	0.818	0.950
	LTE Band 2	20M	QPSK	1	0	-	Back	5mm	Ant 2	ECI 3	18700	1860	code:a1	18.69	19.50	1.205	-	-	0.1	0.807	0.972
	LTE Band 2	20M	QPSK	1	0	-	Back	5mm	Ant 2	ECI 3	19100	1900	code:a1	18.62	19.50	1.225	-	-	-0.04	0.833	1.020
	LTE Band 2	20M	QPSK	50	0	-	Back	5mm	Ant 2	ECI 3	18900	1880	code:a1	18.65	19.50	1.216	-	-	0.15	0.815	0.991
	LTE Band 2	20M	QPSK	50	0	-	Back	5mm	Ant 2	ECI 3	18700	1860	code:a1	18.49	19.50	1.262	-	-	0.09	0.828	1.045
	LTE Band 2	20M	QPSK	50	0	-	Back	5mm	Ant 2	ECI 3	19100	1900	code:a1	18.61	19.50	1.227	-	-	-0.16	0.825	1.012
94	LTE Band 2	20M	QPSK	100	0	-	Back	5mm	Ant 2	ECI 3	18900	1880	code:a1	18.58	19.50	1.236	-	-	0.07	0.877	**1.084**
	LTE Band 2	20M	QPSK	100	0	-	Back	5mm	Ant 2	ECI 3	18900	1880	code:83	18.58	19.50	1.236	-	-	0.08	0.614	0.759
	LTE Band 2 other pa	20M	QPSK	100	0	-	Back	5mm	Ant 2	ECI 3	18900	1880	code:a1	18.37	19.50	1.297	-	-	-0.18	0.831	1.078
	LTE Band 2	20M	QPSK	1	0	-	Front	5mm	Ant 3	ECI 3	18900	1880	code:2	19.37	20.70	1.358	-	-	0.16	0.598	0.812
	LTE Band 2	20M	QPSK	1	0	-	Front	5mm	Ant 3	ECI 3	18900	1880	code:2	19.37	20.70	1.358	-	-	-0.15	0.571	0.775
	LTE Band 2	20M	QPSK	1	0	-	Front	5mm	Ant 3	ECI 3	18900	1880	code:2	19.37	20.70	1.358	-	-	-0.02	0.622	0.845
	LTE Band 2	20M	QPSK	50	0	-	Front	5mm	Ant 3	ECI 3	18900	1880	code:2	19.32	20.70	1.374	-	-	-0.09	0.596	0.819
	LTE Band 2	20M	QPSK	50	0	-	Front	5mm	Ant 3	ECI 3	18900	1880	code:2	19.32	20.70	1.374	-	-	0.14	0.583	0.801
	LTE Band 2	20M	QPSK	50	0	-	Front	5mm	Ant 3	ECI 3	18900	1880	code:2	19.32	20.70	1.374	-	-	0.1	0.628	0.863
	LTE Band 2	20M	QPSK	100	0	-	Front	5mm	Ant 3	ECI 3	18900	1880	code:2	19.06	20.70	1.459	-	-	-0.09	0.600	0.875
	LTE Band 2	20M	QPSK	1	0	-	Back	5mm	Ant 3	ECI 3	18900	1880	code:2	19.37	20.70	1.358	-	-	0.07	0.751	1.020
	LTE Band 2	20M	QPSK	1	0	-	Back	5mm	Ant 3	ECI 3	18900	1880	code:2	19.37	20.70	1.358	-	-	-0.09	0.696	0.945
	LTE Band 2	20M	QPSK	1	0	-	Back	5mm	Ant 3	ECI 3	18900	1880	code:2	19.37	20.70	1.358	-	-	-0.1	0.776	1.054
	LTE Band 2	20M	QPSK	50	0	-	Back	5mm	Ant 3	ECI 3	18900	1880	code:2	19.32	20.70	1.374	-	-	-0.16	0.757	1.040
	LTE Band 2	20M	QPSK	50	0	-	Back	5mm	Ant 3	ECI 3	18900	1880	code:2	19.32	20.70	1.374	-	-	-0.18	0.678	0.932
	LTE Band 2	20M	QPSK	50	0	-	Back	5mm	Ant 3	ECI 3	18900	1880	code:2	19.32	20.70	1.374	-	-	-0.07	0.744	1.022
	LTE Band 2	20M	QPSK	100	0	-	Back	5mm	Ant 3	ECI 3	18900	1880	code:2	19.06	20.70	1.459	-	-	0.11	0.713	1.040
	LTE Band 2 other pa	20M	QPSK	1	0	-	Back	5mm	Ant 3	ECI 3	18900	1880	code:2	19.33	20.70	1.371	-	-	-0.08	0.766	1.050
	LTE Band 2	20M	QPSK	1	0	-	Front	12mm	Ant 3	ECI 4	18900	1880	code:2	24.38	25.70	1.355	-	-	0.18	0.217	0.294
	LTE Band 2	20M	QPSK	50	0	-	Front	12mm	Ant 3	ECI 4	18900	1880	code:2	23.56	24.70	1.300	-	-	-0.04	0.177	0.230
	LTE Band 2	20M	QPSK	1	0	-	Back	15mm	Ant 3	ECI 4	18900	1880	code:2	24.38	25.70	1.355	-	-	-0.04	0.386	0.523
	LTE Band 2	20M	QPSK	50	0	-	Back	15mm	Ant 3	ECI 4	18900	1880	code:2	23.56	24.70	1.300	-	-	-0.08	0.309	0.402
	LTE Band 2 other pa	20M	QPSK	1	0	-	Back	15mm	Ant 3	ECI 4	18900	1880	code:2	24.33	25.70	1.371	-	-	-0.13	0.349	0.478
	LTE Band 2	20M	QPSK	1	0	-	Front	5mm	Ant 4	ECI 3	18900	1880	-	18.61	20.00	1.377	-	-	0.08	0.559	0.770
	LTE Band 2	20M	QPSK	50	0	-	Front	5mm	Ant 4	ECI 3	18900	1880	-	18.43	20.00	1.435	-	-	0.03	0.528	0.758
	LTE Band 2	20M	QPSK	1	0	-	Back	5mm	Ant 4	ECI 3	18900	1880	-	18.61	20.00	1.377	-	-	-0.03	0.659	0.907
	LTE Band 2	20M	QPSK	1	0	-	Back	5mm	Ant 4	ECI 3	18700	1860	-	18.38	20.00	1.452	-	-	0.02	0.699	1.015
	LTE Band 2	20M	QPSK	1	0	-	Back	5mm	Ant 4	ECI 3	19100	1900	-	18.57	20.00	1.390	-	-	0.12	0.640	0.890
	LTE Band 2	20M	QPSK	50	0	-	Back	5mm	Ant 4	ECI 3	18900	1880	-	18.43	20.00	1.435	-	-	0.02	0.699	1.003
	LTE Band 2	20M	QPSK	50	0	-	Back	5mm	Ant 4	ECI 3	18700	1860	-	18.34	20.00	1.466	-	-	-0.02	0.725	1.063
	LTE Band 2	20M	QPSK	50	0	-	Back	5mm	Ant 4	ECI 3	19100	1900	-	18.41	20.00	1.442	-	-	-0.03	0.647	0.933
	LTE Band 2	20M	QPSK	100	0	-	Back	5mm	Ant 4	ECI 3	18900	1880	-	18.28	20.00	1.486	-	-	-0.08	0.698	1.037

	LTE Band 2 other pa	20M	QPSK	50	0	-	Back	5mm	Ant 4	ECI 3	18700	1860	-	18.15	20.00	1.531	-	-	-0.1	0.680	1.041
	LTE Band 2	20M	QPSK	1	0	-	Front	5mm	Ant 5	ECI 3	18900	1880	-	19.02	20.00	1.253	-	-	0.14	0.475	0.595
	LTE Band 2	20M	QPSK	50	0	-	Front	5mm	Ant 5	ECI 3	18900	1880	-	18.99	20.00	1.262	-	-	-0.05	0.476	0.601
	LTE Band 2	20M	QPSK	1	0	-	Back	5mm	Ant 5	ECI 3	18900	1880	-	19.02	20.00	1.253	-	-	0.04	0.684	0.857
	LTE Band 2	20M	QPSK	1	0	-	Back	5mm	Ant 5	ECI 3	18700	1860	-	18.92	20.00	1.282	-	-	0.02	0.729	0.935
	LTE Band 2	20M	QPSK	1	0	-	Back	5mm	Ant 5	ECI 3	19100	1900	-	18.81	20.00	1.315	-	-	-0.01	0.592	0.778
	LTE Band 2	20M	QPSK	50	0	-	Back	5mm	Ant 5	ECI 3	18900	1880	-	18.99	20.00	1.262	-	-	-0.08	0.667	0.842
	LTE Band 2	20M	QPSK	50	0	-	Back	5mm	Ant 5	ECI 3	18700	1860	-	18.92	20.00	1.282	-	-	0.05	0.706	0.905
	LTE Band 2	20M	QPSK	50	0	-	Back	5mm	Ant 5	ECI 3	19100	1900	-	18.96	20.00	1.271	-	-	0.06	0.568	0.722
	LTE Band 2	20M	QPSK	100	0	-	Back	5mm	Ant 5	ECI 3	18900	1880	-	18.86	20.00	1.300	-	-	-0.09	0.622	0.809
	LTE Band 2 main PA	20M	QPSK	1	0	-	Back	5mm	Ant 5	ECI 3	18900	1880	-	18.69	20.00	1.352	-	-	-0.08	0.670	0.906
	LTE Band 2	20M	QPSK	1	0	-	Front	12mm	Ant 5	ECI 4	18900	1880	-	23.39	24.50	1.291	-	-	-0.03	0.397	0.513
	LTE Band 2	20M	QPSK	50	0	-	Front	12mm	Ant 5	ECI 4	18900	1880	-	22.43	23.50	1.279	-	-	0.08	0.307	0.393
	LTE Band 2	20M	QPSK	1	0	-	Back	15mm	Ant 5	ECI 4	18900	1880	-	23.39	24.50	1.291	-	-	-0.09	0.407	0.525
	LTE Band 2	20M	QPSK	50	0	-	Back	15mm	Ant 5	ECI 4	18900	1880	-	22.43	23.50	1.279	-	-	0.05	0.310	0.396
	LTE Band 2 main PA	20M	QPSK	1	0	-	Back	15mm	Ant 5	ECI 4	18900	1880	-	23.16	24.50	1.361	-	-	-0.07	0.398	0.542
	LTE Band 25	20M	QPSK	1	0	-	Front	5mm	Ant 2	ECI 3	26340	1880	code:a1	18.66	19.50	1.213	-	-	-0.16	0.558	0.677
	LTE Band 25	20M	QPSK	50	0	-	Front	5mm	Ant 2	ECI 3	26340	1880	code:a1	18.57	19.50	1.239	-	-	0.1	0.563	0.698
	LTE Band 25	20M	QPSK	1	0	-	Back	5mm	Ant 2	ECI 3	26340	1880	code:a1	18.66	19.50	1.213	-	-	-0.04	0.821	0.996
	LTE Band 25	20M	QPSK	1	0	-	Back	5mm	Ant 2	ECI 3	26140	1860	code:a1	18.48	19.50	1.265	-	-	-0.01	0.839	1.061
	LTE Band 25	20M	QPSK	1	0	-	Back	5mm	Ant 2	ECI 3	26590	1905	code:a1	18.56	19.50	1.242	-	-	-0.08	0.851	1.057
	LTE Band 25	20M	QPSK	50	0	-	Back	5mm	Ant 2	ECI 3	26340	1880	code:a1	18.57	19.50	1.239	-	-	-0.11	0.826	1.023
	LTE Band 25	20M	QPSK	50	0	-	Back	5mm	Ant 2	ECI 3	26140	1860	code:a1	18.30	19.50	1.318	-	-	-0.06	0.816	1.075
	LTE Band 25	20M	QPSK	50	0	-	Back	5mm	Ant 2	ECI 3	26590	1905	code:a1	18.44	19.50	1.276	-	-	-0.15	0.853	1.088
	LTE Band 25	20M	QPSK	100	0	-	Back	5mm	Ant 2	ECI 3	26340	1880	code:a1	18.42	19.50	1.282	-	-	0.06	0.831	1.065
	LTE Band 25	20M	QPSK	50	0	-	Back	5mm	Ant 2	ECI 3	26340	1880	code:83	18.57	19.50	1.239	-	-	-0.13	0.630	0.781
	LTE Band 25	20M	QPSK	1	0	-	Front	5mm	Ant 3	ECI 3	26340	1880	code:0	19.85	21.20	1.365	-	-	0.01	0.589	0.804
	LTE Band 25	20M	QPSK	1	0	-	Front	5mm	Ant 3	ECI 3	26140	1860	code:0	19.69	21.20	1.416	-	-	0.06	0.610	0.864
	LTE Band 25	20M	QPSK	1	0	-	Front	5mm	Ant 3	ECI 3	26590	1905	code:0	19.72	21.20	1.406	-	-	0.02	0.527	0.741
	LTE Band 25	20M	QPSK	50	0	-	Front	5mm	Ant 3	ECI 3	26340	1880	code:0	19.72	21.20	1.406	-	-	0.12	0.591	0.831
	LTE Band 25	20M	QPSK	50	0	-	Front	5mm	Ant 3	ECI 3	26140	1860	code:0	19.50	21.20	1.479	-	-	-0.16	0.609	0.901
	LTE Band 25	20M	QPSK	50	0	-	Front	5mm	Ant 3	ECI 3	26590	1905	code:0	19.65	21.20	1.429	-	-	-0.12	0.526	0.752
	LTE Band 25	20M	QPSK	100	0	-	Front	5mm	Ant 3	ECI 3	26340	1880	code:0	19.59	21.20	1.449	-	-	0.07	0.563	0.816
	LTE Band 25	20M	QPSK	1	0	-	Back	5mm	Ant 3	ECI 3	26340	1880	code:0	19.85	21.20	1.365	-	-	-0.02	0.753	1.028
95	LTE Band 25	20M	QPSK	1	0	-	Back	5mm	Ant 3	ECI 3	26140	1860	code:0	19.69	21.20	1.416	-	-	-0.04	0.769	**1.089**
	LTE Band 25	20M	QPSK	1	0	-	Back	5mm	Ant 3	ECI 3	26590	1905	code:0	19.72	21.20	1.406	-	-	-0.05	0.685	0.963
	LTE Band 25	20M	QPSK	50	0	-	Back	5mm	Ant 3	ECI 3	26340	1880	code:0	19.72	21.20	1.406	-	-	-0.13	0.750	1.055
	LTE Band 25	20M	QPSK	50	0	-	Back	5mm	Ant 3	ECI 3	26140	1860	code:0	19.50	21.20	1.479	-	-	0.08	0.731	1.081
	LTE Band 25	20M	QPSK	50	0	-	Back	5mm	Ant 3	ECI 3	26590	1905	code:0	19.65	21.20	1.429	-	-	0.16	0.669	0.956
	LTE Band 25	20M	QPSK	100	0	-	Back	5mm	Ant 3	ECI 3	26340	1880	code:0	19.59	21.20	1.449	-	-	0.01	0.736	1.066
	LTE Band 25	20M	QPSK	1	0	-	Front	12mm	Ant 3	ECI 4	26340	1880	code:0	24.33	25.70	1.371	-	-	-0.02	0.318	0.436
	LTE Band 25	20M	QPSK	50	0	-	Front	12mm	Ant 3	ECI 4	26340	1880	code:0	23.55	24.70	1.303	-	-	0.15	0.258	0.336
	LTE Band 25	20M	QPSK	1	0	-	Back	15mm	Ant 3	ECI 4	26340	1880	code:0	24.33	25.70	1.371	-	-	-0.05	0.294	0.403
	LTE Band 25	20M	QPSK	50	0	-	Back	15mm	Ant 3	ECI 4	26340	1880	code:0	23.55	24.70	1.303	-	-	-0.09	0.233	0.304
	LTE Band 25	20M	QPSK	1	0	-	Front	5mm	Ant 4	ECI 3	26340	1880	-	19.25	20.50	1.334	-	-	-0.06	0.550	0.734
	LTE Band 25	20M	QPSK	50	0	-	Front	5mm	Ant 4	ECI 3	26340	1880	-	19.03	20.50	1.403	-	-	0.02	0.516	0.724
	LTE Band 25	20M	QPSK	1	0	-	Back	5mm	Ant 4	ECI 3	26340	1880	-	19.25	20.50	1.334	-	-	0.16	0.658	0.878
	LTE Band 25	20M	QPSK	1	0	-	Back	5mm	Ant 4	ECI 3	26140	1860	-	19.06	20.50	1.393	-	-	0.01	0.718	1.000
	LTE Band 25	20M	QPSK	1	0	-	Back	5mm	Ant 4	ECI 3	26590	1905	-	19.09	20.50	1.384	-	-	-0.04	0.623	0.862
	LTE Band 25	20M	QPSK	50	0	-	Back	5mm	Ant 4	ECI 3	26340	1880	-	19.03	20.50	1.403	-	-	0.13	0.692	0.971
	LTE Band 25	20M	QPSK	50	0	-	Back	5mm	Ant 4	ECI 3	26140	1860	-	18.94	20.50	1.432	-	-	0.03	0.751	1.075
	LTE Band 25	20M	QPSK	50	0	-	Back	5mm	Ant 4	ECI 3	26590	1905	-	18.99	20.50	1.416	-	-	0.12	0.645	0.913
	LTE Band 25	20M	QPSK	100	0	-	Back	5mm	Ant 4	ECI 3	26340	1880	-	18.91	20.50	1.442	-	-	0.07	0.681	0.982
	LTE Band 25	20M	QPSK	1	0	-	Front	5mm	Ant 5	ECI 3	26340	1880	-	18.97	20.00	1.268	-	-	0.01	0.515	0.653
	LTE Band 25	20M	QPSK	50	0	-	Front	5mm	Ant 5	ECI 3	26340	1880	-	18.88	20.00	1.294	-	-	0.1	0.484	0.626

	LTE Band 25	20M	QPSK	1	0	-	Back	5mm	Ant 5	ECI 3	26340	1880	-	18.97	20.00	1.268	-	-	-0.17	0.722	0.915
	LTE Band 25	20M	QPSK	1	0	-	Back	5mm	Ant 5	ECI 3	26140	1860	-	18.84	20.00	1.306	-	-	0.04	0.785	1.025
	LTE Band 25	20M	QPSK	1	0	-	Back	5mm	Ant 5	ECI 3	26590	1905	-	18.87	20.00	1.297	-	-	-0.01	0.660	0.856
	LTE Band 25	20M	QPSK	50	0	-	Back	5mm	Ant 5	ECI 3	26340	1880	-	18.88	20.00	1.294	-	-	-0.08	0.695	0.899
	LTE Band 25	20M	QPSK	50	0	-	Back	5mm	Ant 5	ECI 3	26140	1860	-	18.66	20.00	1.361	-	-	-0.04	0.786	1.070
	LTE Band 25	20M	QPSK	50	0	-	Back	5mm	Ant 5	ECI 3	26590	1905	-	18.68	20.00	1.355	-	-	0.05	0.631	0.855
	LTE Band 25	20M	QPSK	100	0	-	Back	5mm	Ant 5	ECI 3	26340	1880	-	18.73	20.00	1.340	-	-	0.06	0.684	0.917
	LTE Band 25	20M	QPSK	1	0	-	Front	12mm	Ant 5	ECI 4	26340	1880	-	23.16	24.50	1.361	-	-	0.16	0.407	0.554
	LTE Band 25	20M	QPSK	50	0	-	Front	12mm	Ant 5	ECI 4	26340	1880	-	22.29	23.50	1.321	-	-	0.05	0.313	0.413
	LTE Band 25	20M	QPSK	1	0	-	Back	15mm	Ant 5	ECI 4	26340	1880	-	23.16	24.50	1.361	-	-	-0.12	0.376	0.512
	LTE Band 25	20M	QPSK	50	0	-	Back	15mm	Ant 5	ECI 4	26340	1880	-	22.29	23.50	1.321	-	-	0.05	0.281	0.371
	FR1 n2	20M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 2	ECI 3	376000	1880	code:a1	17.64	18.50	1.219	-	-	0.03	0.624	0.761
	FR1 n2	20M	QPSK	50	28	DFT-SCS-15KHz	Front	5mm	Ant 2	ECI 3	376000	1880	code:a1	17.61	18.50	1.227	-	-	0.15	0.574	0.704
	FR1 n2	20M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 2	ECI 3	376000	1880	code:a1	17.64	18.50	1.219	-	-	0.04	0.795	0.969
	FR1 n2	20M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 2	ECI 3	372000	1860	code:a1	17.59	18.50	1.233	-	-	-0.08	0.753	0.928
	FR1 n2	20M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 2	ECI 3	380000	1900	code:a1	17.61	18.50	1.227	-	-	0.16	0.759	0.931
	FR1 n2	20M	QPSK	50	28	DFT-SCS-15KHz	Back	5mm	Ant 2	ECI 3	376000	1880	code:a1	17.61	18.50	1.227	-	-	0.05	0.751	0.921
	FR1 n2	20M	QPSK	50	28	DFT-SCS-15KHz	Back	5mm	Ant 2	ECI 3	372000	1860	code:a1	17.51	18.50	1.256	-	-	0.05	0.727	0.913
	FR1 n2	20M	QPSK	50	28	DFT-SCS-15KHz	Back	5mm	Ant 2	ECI 3	380000	1900	code:a1	17.42	18.50	1.282	-	-	-0.03	0.668	0.856
	FR1 n2	20M	QPSK	100	0	DFT-SCS-15KHz	Back	5mm	Ant 2	ECI 3	376000	1880	code:a1	17.32	18.50	1.312	-	-	-0.15	0.727	0.954
	FR1 n2	20M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 2	ECI 3	376000	1880	code:83	17.64	18.50	1.219	-	-	0.02	0.587	0.716
	FR1 n2	20M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 3	ECI 3	376000	1880	code:2	18.39	19.70	1.352	-	-	0.07	0.607	0.821
	FR1 n2	20M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 3	ECI 3	372000	1860	code:2	18.15	19.70	1.429	-	-	0.16	0.562	0.803
	FR1 n2	20M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 3	ECI 3	380000	1900	code:2	18.28	19.70	1.387	-	-	0.13	0.589	0.817
	FR1 n2	20M	QPSK	50	28	DFT-SCS-15KHz	Front	5mm	Ant 3	ECI 3	376000	1880	code:2	18.33	19.70	1.371	-	-	-0.18	0.591	0.810
	FR1 n2	20M	QPSK	50	28	DFT-SCS-15KHz	Front	5mm	Ant 3	ECI 3	372000	1860	code:2	18.14	19.70	1.432	-	-	0.02	0.530	0.759
	FR1 n2	20M	QPSK	50	28	DFT-SCS-15KHz	Front	5mm	Ant 3	ECI 3	380000	1900	code:2	18.29	19.70	1.384	-	-	0.16	0.564	0.781
	FR1 n2	20M	QPSK	100	0	DFT-SCS-15KHz	Front	5mm	Ant 3	ECI 3	376000	1880	code:2	18.32	19.70	1.374	-	-	-0.03	0.607	0.834
	FR1 n2	20M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 3	ECI 3	376000	1880	code:2	18.39	19.70	1.352	-	-	0.07	0.736	0.995
	FR1 n2	20M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 3	ECI 3	372000	1860	code:2	18.15	19.70	1.429	-	-	0.1	0.703	1.005
	FR1 n2	20M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 3	ECI 3	380000	1900	code:2	18.28	19.70	1.387	-	-	-0.01	0.768	1.065
	FR1 n2	20M	QPSK	50	28	DFT-SCS-15KHz	Back	5mm	Ant 3	ECI 3	376000	1880	code:2	18.33	19.70	1.371	-	-	0.01	0.691	0.947
	FR1 n2	20M	QPSK	50	28	DFT-SCS-15KHz	Back	5mm	Ant 3	ECI 3	372000	1860	code:2	18.14	19.70	1.432	-	-	-0.01	0.652	0.934
	FR1 n2	20M	QPSK	50	28	DFT-SCS-15KHz	Back	5mm	Ant 3	ECI 3	380000	1900	code:2	18.29	19.70	1.384	-	-	-0.06	0.710	0.983
	FR1 n2	20M	QPSK	100	0	DFT-SCS-15KHz	Back	5mm	Ant 3	ECI 3	376000	1880	code:2	18.32	19.70	1.374	-	-	-0.04	0.703	0.966
	FR1 n2	20M	QPSK	1	1	DFT-SCS-15KHz	Front	12mm	Ant 3	ECI 4	376000	1880	code:2	24.33	25.70	1.371	-	-	0.13	0.519	0.712
	FR1 n2	20M	QPSK	50	28	DFT-SCS-15KHz	Front	12mm	Ant 3	ECI 4	376000	1880	code:2	24.15	25.70	1.429	-	-	-0.18	0.523	0.747
	FR1 n2	20M	QPSK	1	1	DFT-SCS-15KHz	Back	15mm	Ant 3	ECI 4	376000	1880	code:2	24.33	25.70	1.371	-	-	0.02	0.429	0.588
	FR1 n2	20M	QPSK	50	28	DFT-SCS-15KHz	Back	15mm	Ant 3	ECI 4	376000	1880	code:2	24.15	25.70	1.429	-	-	-0.01	0.438	0.626
	FR1 n2	20M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 4	ECI 3	376000	1880	-	19.05	20.50	1.396	-	-	-0.15	0.653	0.912
	FR1 n2	20M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 4	ECI 3	372000	1860	-	18.93	20.50	1.435	-	-	-0.12	0.629	0.903
	FR1 n2	20M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 4	ECI 3	380000	1900	-	19.04	20.50	1.400	-	-	-0.16	0.612	0.857
	FR1 n2	20M	QPSK	50	28	DFT-SCS-15KHz	Front	5mm	Ant 4	ECI 3	376000	1880	-	19.00	20.50	1.413	-	-	-0.03	0.592	0.836
	FR1 n2	20M	QPSK	50	28	DFT-SCS-15KHz	Front	5mm	Ant 4	ECI 3	372000	1860	-	18.91	20.50	1.442	-	-	0.17	0.573	0.826
	FR1 n2	20M	QPSK	50	28	DFT-SCS-15KHz	Front	5mm	Ant 4	ECI 3	380000	1900	-	18.82	20.50	1.472	-	-	0.02	0.537	0.790
	FR1 n2	20M	QPSK	100	0	DFT-SCS-15KHz	Front	5mm	Ant 4	ECI 3	376000	1880	-	18.90	20.50	1.445	-	-	-0.18	0.567	0.819
	FR1 n2	20M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 4	ECI 3	376000	1880	-	19.05	20.50	1.396	-	-	-0.07	0.713	0.995
	FR1 n2	20M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 4	ECI 3	372000	1860	-	18.93	20.50	1.435	-	-	0.18	0.682	0.979
	FR1 n2	20M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 4	ECI 3	380000	1900	-	19.04	20.50	1.400	-	-	-0.11	0.661	0.925
	FR1 n2	20M	QPSK	50	28	DFT-SCS-15KHz	Back	5mm	Ant 4	ECI 3	376000	1880	-	19.00	20.50	1.413	-	-	-0.05	0.668	0.944
	FR1 n2	20M	QPSK	50	28	DFT-SCS-15KHz	Back	5mm	Ant 4	ECI 3	372000	1860	-	18.91	20.50	1.442	-	-	-0.04	0.670	0.966
	FR1 n2	20M	QPSK	50	28	DFT-SCS-15KHz	Back	5mm	Ant 4	ECI 3	380000	1900	-	18.82	20.50	1.472	-	-	-0.08	0.600	0.883
	FR1 n2	20M	QPSK	100	0	DFT-SCS-15KHz	Back	5mm	Ant 4	ECI 3	376000	1880	-	18.90	20.50	1.445	-	-	0.1	0.687	0.993
	FR1 n2	20M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 5	ECI 3	376000	1880	-	18.93	20.50	1.435	-	-	0.18	0.466	0.669
	FR1 n2	20M	QPSK	50	28	DFT-SCS-15KHz	Front	5mm	Ant 5	ECI 3	376000	1880	-	18.90	20.50	1.445	-	-	-0.13	0.445	0.643
96	FR1 n2	20M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 5	ECI 3	376000	1880	-	18.93	20.50	1.435	-	-	-0.06	0.761	**1.092**

	FR1 n2	20M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 5	ECI 3	372000	1860	-	18.73	20.50	1.503	-	-	-0.03	0.711	1.069
	FR1 n2	20M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 5	ECI 3	380000	1900	-	18.68	20.50	1.521	-	-	0.08	0.632	0.961
	FR1 n2	20M	QPSK	50	28	DFT-SCS-15KHz	Back	5mm	Ant 5	ECI 3	376000	1880	-	18.90	20.50	1.445	-	-	-0.07	0.632	0.913
	FR1 n2	20M	QPSK	50	28	DFT-SCS-15KHz	Back	5mm	Ant 5	ECI 3	372000	1860	-	18.75	20.50	1.496	-	-	0.05	0.617	0.923
	FR1 n2	20M	QPSK	50	28	DFT-SCS-15KHz	Back	5mm	Ant 5	ECI 3	380000	1900	-	18.70	20.50	1.514	-	-	-0.11	0.572	0.866
	FR1 n2	20M	QPSK	100	0	DFT-SCS-15KHz	Back	5mm	Ant 5	ECI 3	376000	1880	-	18.89	20.50	1.449	-	-	-0.12	0.642	0.930
	FR1 n2	20M	QPSK	1	1	DFT-SCS-15KHz	Front	12mm	Ant 5	ECI 4	376000	1880	-	23.36	25.00	1.459	-	-	0.16	0.437	0.638
	FR1 n2	20M	QPSK	50	28	DFT-SCS-15KHz	Front	12mm	Ant 5	ECI 4	376000	1880	-	23.15	25.00	1.531	-	-	-0.03	0.420	0.643
	FR1 n2	20M	QPSK	1	1	DFT-SCS-15KHz	Back	15mm	Ant 5	ECI 4	376000	1880	-	23.36	25.00	1.459	-	-	0.02	0.410	0.598
	FR1 n2	20M	QPSK	50	28	DFT-SCS-15KHz	Back	15mm	Ant 5	ECI 4	376000	1880	-	23.15	25.00	1.531	-	-	0.07	0.355	0.544
	FR1 n25	40M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 2	ECI 3	376500	1882.5	code:a1	18.16	19.00	1.213	-	-	-0.09	0.602	0.730
	FR1 n25	40M	QPSK	108	54	DFT-SCS-15KHz	Front	5mm	Ant 2	ECI 3	376500	1882.5	code:a1	18.08	19.00	1.236	-	-	-0.17	0.567	0.701
	FR1 n25	40M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 2	ECI 3	376500	1882.5	code:a1	18.16	19.00	1.213	-	-	0.06	0.815	0.989
	FR1 n25	40M	QPSK	108	54	DFT-SCS-15KHz	Back	5mm	Ant 2	ECI 3	376500	1882.5	code:a1	18.08	19.00	1.236	-	-	0.18	0.791	0.978
	FR1 n25	40M	QPSK	216	0	DFT-SCS-15KHz	Back	5mm	Ant 2	ECI 3	376500	1882.5	code:a1	17.86	19.00	1.300	-	-	-0.17	0.758	0.985
	FR1 n25	40M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 2	ECI 3	376500	1882.5	code:83	18.16	19.00	1.213	-	-	-0.04	0.633	0.768
	FR1 n25	40M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 3	ECI 3	376500	1882.5	code:0	18.98	20.20	1.324	-	-	-0.05	0.573	0.759
	FR1 n25	40M	QPSK	108	54	DFT-SCS-15KHz	Front	5mm	Ant 3	ECI 3	376500	1882.5	code:0	18.91	20.20	1.346	-	-	0.12	0.513	0.690
	FR1 n25	40M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 3	ECI 3	376500	1882.5	code:0	18.98	20.20	1.324	-	-	0.01	0.739	0.978
	FR1 n25	40M	QPSK	108	54	DFT-SCS-15KHz	Back	5mm	Ant 3	ECI 3	376500	1882.5	code:0	18.91	20.20	1.346	-	-	-0.01	0.687	0.925
	FR1 n25	40M	QPSK	216	0	DFT-SCS-15KHz	Back	5mm	Ant 3	ECI 3	376500	1882.5	code:0	18.88	20.20	1.355	-	-	-0.09	0.687	0.931
	FR1 n25	40M	QPSK	1	1	DFT-SCS-15KHz	Front	12mm	Ant 3	ECI 4	376500	1882.5	code:0	24.44	25.70	1.337	-	-	-0.09	0.442	0.591
	FR1 n25	40M	QPSK	108	54	DFT-SCS-15KHz	Front	12mm	Ant 3	ECI 4	376500	1882.5	code:0	24.23	25.70	1.403	-	-	-0.17	0.428	0.600
	FR1 n25	40M	QPSK	1	1	DFT-SCS-15KHz	Back	15mm	Ant 3	ECI 4	376500	1882.5	code:0	24.44	25.70	1.337	-	-	-0.01	0.365	0.488
	FR1 n25	40M	QPSK	108	54	DFT-SCS-15KHz	Back	15mm	Ant 3	ECI 4	376500	1882.5	code:0	24.23	25.70	1.403	-	-	-0.1	0.344	0.483
	FR1 n25	40M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 4	ECI 3	376500	1882.5	-	19.76	21.00	1.330	-	-	-0.14	0.699	0.930
	FR1 n25	40M	QPSK	108	54	DFT-SCS-15KHz	Front	5mm	Ant 4	ECI 3	376500	1882.5	-	19.61	21.00	1.377	-	-	0.01	0.613	0.844
	FR1 n25	40M	QPSK	216	0	DFT-SCS-15KHz	Front	5mm	Ant 4	ECI 3	376500	1882.5	-	19.34	21.00	1.466	-	-	0.18	0.632	0.927
	FR1 n25	40M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 4	ECI 3	376500	1882.5	-	19.76	21.00	1.330	-	-	0.13	0.745	0.991
	FR1 n25	40M	QPSK	108	54	DFT-SCS-15KHz	Back	5mm	Ant 4	ECI 3	376500	1882.5	-	19.61	21.00	1.377	-	-	0.02	0.703	0.968
	FR1 n25	40M	QPSK	216	0	DFT-SCS-15KHz	Back	5mm	Ant 4	ECI 3	376500	1882.5	-	19.34	21.00	1.466	-	-	0.16	0.668	0.979
	FR1 n25	40M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 5	ECI 3	376500	1882.5	-	19.08	20.50	1.387	-	-	-0.17	0.571	0.792
	FR1 n25	40M	QPSK	108	54	DFT-SCS-15KHz	Front	5mm	Ant 5	ECI 3	376500	1882.5	-	19.05	20.50	1.396	-	-	-0.08	0.525	0.733
97	FR1 n25	40M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 5	ECI 3	376500	1882.5	-	19.08	20.50	1.387	-	-	-0.05	0.788	**1.093**
	FR1 n25	40M	QPSK	108	54	DFT-SCS-15KHz	Back	5mm	Ant 5	ECI 3	376500	1882.5	-	19.05	20.50	1.396	-	-	-0.08	0.711	0.993
	FR1 n25	40M	QPSK	216	0	DFT-SCS-15KHz	Back	5mm	Ant 5	ECI 3	376500	1882.5	-	19.01	20.50	1.409	-	-	0.17	0.699	0.985
	FR1 n25	40M	QPSK	1	1	DFT-SCS-15KHz	Front	12mm	Ant 5	ECI 4	376500	1882.5	-	23.53	25.00	1.403	-	-	0.18	0.472	0.662
	FR1 n25	40M	QPSK	108	54	DFT-SCS-15KHz	Front	12mm	Ant 5	ECI 4	376500	1882.5	-	23.38	25.00	1.452	-	-	-0.17	0.417	0.605
	FR1 n25	40M	QPSK	1	1	DFT-SCS-15KHz	Back	15mm	Ant 5	ECI 4	376500	1882.5	-	23.53	25.00	1.403	-	-	-0.04	0.282	0.396
	FR1 n25	40M	QPSK	108	54	DFT-SCS-15KHz	Back	15mm	Ant 5	ECI 4	376500	1882.5	-	23.38	25.00	1.452	-	-	-0.11	0.370	0.537
2600MHz																					
	LTE Band 7	20M	QPSK	1	0	-	Front	5mm	Ant 2	ECI 3	21100	2535	code:b0	18.49	19.20	1.178	-	-	-0.03	0.570	0.671
	LTE Band 7	20M	QPSK	50	0	-	Front	5mm	Ant 2	ECI 3	21100	2535	code:b0	18.40	19.20	1.202	-	-	-0.15	0.603	0.725
	LTE Band 7	20M	QPSK	1	0	-	Back	5mm	Ant 2	ECI 3	21100	2535	code:b0	18.49	19.20	1.178	-	-	0.02	0.763	0.899
	LTE Band 7	20M	QPSK	1	0	-	Back	5mm	Ant 2	ECI 3	20850	2510	code:b0	18.28	19.20	1.236	-	-	0.07	0.663	0.819
	LTE Band 7	20M	QPSK	1	0	-	Back	5mm	Ant 2	ECI 3	21350	2560	code:b0	18.38	19.20	1.208	-	-	0.08	0.858	1.036
	LTE Band 7C	20M	QPSK	1	0	-	Back	5mm	Ant 2	ECI 3	21350+ 21152	2560+ 2540.2	code:b0	18.19	19.20	1.262	-	-	-0.04	0.811	1.023
	LTE Band 7	20M	QPSK	50	0	-	Back	5mm	Ant 2	ECI 3	21100	2535	code:b0	18.40	19.20	1.202	-	-	0.13	0.780	0.938
	LTE Band 7	20M	QPSK	50	0	-	Back	5mm	Ant 2	ECI 3	20850	2510	code:b0	18.14	19.20	1.276	-	-	-0.18	0.703	0.897
	LTE Band 7	20M	QPSK	50	0	-	Back	5mm	Ant 2	ECI 3	21350	2560	code:b0	18.24	19.20	1.247	-	-	0.16	0.816	1.018
	LTE Band 7	20M	QPSK	100	0	-	Back	5mm	Ant 2	ECI 3	21100	2535	code:b0	18.16	19.20	1.271	-	-	0.02	0.788	1.002
	LTE Band 7	20M	QPSK	1	0	-	Front	5mm	Ant 3	ECI 3	21100	2535	code:e	18.31	19.20	1.227	-	-	-0.08	0.607	0.745
	LTE Band 7	20M	QPSK	50	0	-	Front	5mm	Ant 3	ECI 3	21100	2535	code:e	18.24	19.20	1.247	-	-	0.17	0.617	0.769
	LTE Band 7	20M	QPSK	1	0	-	Back	5mm	Ant 3	ECI 3	21100	2535	code:e	18.31	19.20	1.227	-	-	0.18	0.675	0.828
	LTE Band 7	20M	QPSK	1	0	-	Back	5mm	Ant 3	ECI 3	20850	2510	code:e	18.16	19.20	1.271	-	-	-0.04	0.622	0.791
	LTE Band 7	20M	QPSK	1	0	-	Back	5mm	Ant 3	ECI 3	21350	2560	code:e	18.19	19.20	1.262	-	-	-0.06	0.786	0.992

	LTE Band 7C	20M	QPSK	1	0	-	Back	5mm	Ant 3	ECI 3	21350+ 21152	2560+ 2540.2	code:e	17.87	19.20	1.358	-	-	0.02	0.726	0.986
	LTE Band 7	20M	QPSK	50	0	-	Back	5mm	Ant 3	ECI 3	21100	2535	code:e	18.24	19.20	1.247	-	-	-0.08	0.682	0.850
	LTE Band 7	20M	QPSK	50	0	-	Back	5mm	Ant 3	ECI 3	20850	2510	code:e	18.03	19.20	1.309	-	-	-0.13	0.641	0.839
	LTE Band 7	20M	QPSK	50	0	-	Back	5mm	Ant 3	ECI 3	21350	2560	code:e	18.07	19.20	1.297	-	-	-0.13	0.715	0.927
	LTE Band 7	20M	QPSK	100	0	-	Back	5mm	Ant 3	ECI 3	21100	2535	code:e	17.95	19.20	1.334	-	-	0.06	0.690	0.920
	LTE Band 7	20M	QPSK	1	0	-	Front	12mm	Ant 3	ECI 4	21100	2535	code:e	23.81	24.70	1.227	-	-	-0.01	0.739	0.907
	LTE Band 7	20M	QPSK	1	0	-	Front	12mm	Ant 3	ECI 4	20850	2510	code:e	23.76	24.70	1.242	-	-	-0.09	0.652	0.810
	LTE Band 7	20M	QPSK	1	0	-	Front	12mm	Ant 3	ECI 4	21350	2560	code:e	23.79	24.70	1.233	-	-	0.05	0.790	0.974
	LTE Band 7C	20M	QPSK	1	0	-	Front	12mm	Ant 3	ECI 4	21350+ 21152	2560+ 2540.2	code:e	23.39	24.70	1.352	-	-	0.06	0.705	0.953
	LTE Band 7	20M	QPSK	50	0	-	Front	12mm	Ant 3	ECI 4	21100	2535	code:e	23.77	24.70	1.239	-	-	0.02	0.599	0.742
	LTE Band 7	20M	QPSK	100	0	-	Front	12mm	Ant 3	ECI 4	21100	2535	code:e	23.74	24.70	1.247	-	-	-0.13	0.711	0.887
	LTE Band 7	20M	QPSK	1	0	-	Back	15mm	Ant 3	ECI 4	21100	2535	code:e	23.81	24.70	1.227	-	-	0.17	0.588	0.721
	LTE Band 7	20M	QPSK	50	0	-	Back	15mm	Ant 3	ECI 4	21100	2535	code:e	23.77	24.70	1.239	-	-	0.08	0.576	0.714
	LTE Band 7	20M	QPSK	1	0	-	Front	5mm	Ant 4	ECI 3	21100	2535	-	19.69	20.70	1.262	-	-	0.05	0.575	0.726
	LTE Band 7	20M	QPSK	50	0	-	Front	5mm	Ant 4	ECI 3	21100	2535	-	19.62	20.70	1.282	-	-	-0.15	0.568	0.728
	LTE Band 7	20M	QPSK	1	0	-	Back	5mm	Ant 4	ECI 3	21100	2535	-	19.69	20.70	1.262	-	-	-0.01	0.733	0.925
	LTE Band 7C	20M	QPSK	1	99	-	Back	5mm	Ant 4	ECI 3	21100+ 21298	2535+ 2554.8	-	18.89	20.70	1.517	-	-	0.06	0.603	0.915
	LTE Band 7	20M	QPSK	1	0	-	Back	5mm	Ant 4	ECI 3	20850	2510	-	19.49	20.70	1.321	-	-	-0.13	0.681	0.900
	LTE Band 7	20M	QPSK	1	0	-	Back	5mm	Ant 4	ECI 3	21350	2560	-	19.61	20.70	1.285	-	-	-0.01	0.715	0.919
	LTE Band 7	20M	QPSK	50	0	-	Back	5mm	Ant 4	ECI 3	21100	2535	-	19.62	20.70	1.282	-	-	-0.11	0.701	0.899
	LTE Band 7	20M	QPSK	50	0	-	Back	5mm	Ant 4	ECI 3	20850	2510	-	19.35	20.70	1.365	-	-	0.19	0.671	0.916
	LTE Band 7	20M	QPSK	50	0	-	Back	5mm	Ant 4	ECI 3	21350	2560	-	19.41	20.70	1.346	-	-	-0.14	0.672	0.905
	LTE Band 7	20M	QPSK	100	0	-	Back	5mm	Ant 4	ECI 3	21100	2535	-	19.33	20.70	1.371	-	-	-0.18	0.673	0.923
	LTE Band 7	20M	QPSK	1	0	-	Front	5mm	Ant 5	ECI 3	21100	2535	-	17.56	19.00	1.393	-	-	-0.09	0.619	0.862
	LTE Band 7	20M	QPSK	1	0	-	Front	5mm	Ant 5	ECI 3	20850	2510	-	17.48	19.00	1.419	-	-	-0.08	0.572	0.812
	LTE Band 7	20M	QPSK	1	0	-	Front	5mm	Ant 5	ECI 3	21350	2560	-	17.52	19.00	1.406	-	-	0.13	0.566	0.796
	LTE Band 7	20M	QPSK	50	0	-	Front	5mm	Ant 5	ECI 3	21100	2535	-	17.45	19.00	1.429	-	-	0.12	0.617	0.882
	LTE Band 7	20M	QPSK	50	0	-	Front	5mm	Ant 5	ECI 3	20850	2510	-	17.43	19.00	1.435	-	-	0.03	0.585	0.839
	LTE Band 7	20M	QPSK	50	0	-	Front	5mm	Ant 5	ECI 3	21350	2560	-	17.40	19.00	1.445	-	-	0.18	0.578	0.835
	LTE Band 7	20M	QPSK	100	0	-	Front	5mm	Ant 5	ECI 3	21100	2535	-	17.37	19.00	1.455	-	-	0.16	0.585	0.851
98	LTE Band 7	20M	QPSK	1	0	-	Back	5mm	Ant 5	ECI 3	21100	2535	-	17.56	19.00	1.393	-	-	0.09	0.783	**1.091**
	LTE Band 7C	20M	QPSK	1	99	-	Back	5mm	Ant 5	ECI 3	21100+ 21298	2535+ 2554.8	-	17.34	19.00	1.466	-	-	0.02	0.729	1.069
	LTE Band 7	20M	QPSK	1	0	-	Back	5mm	Ant 5	ECI 3	20850	2510	-	17.48	19.00	1.419	-	-	-0.1	0.723	1.026
	LTE Band 7	20M	QPSK	1	0	-	Back	5mm	Ant 5	ECI 3	21350	2560	-	17.52	19.00	1.406	-	-	0.07	0.702	0.987
	LTE Band 7	20M	QPSK	50	0	-	Back	5mm	Ant 5	ECI 3	21100	2535	-	17.45	19.00	1.429	-	-	0.18	0.741	1.059
	LTE Band 7	20M	QPSK	50	0	-	Back	5mm	Ant 5	ECI 3	20850	2510	-	17.43	19.00	1.435	-	-	-0.1	0.727	1.043
	LTE Band 7	20M	QPSK	50	0	-	Back	5mm	Ant 5	ECI 3	21350	2560	-	17.40	19.00	1.445	-	-	0.01	0.718	1.038
	LTE Band 7	20M	QPSK	100	0	-	Back	5mm	Ant 5	ECI 3	21100	2535	-	17.37	19.00	1.455	-	-	-0.15	0.749	1.090
	LTE Band 7	20M	QPSK	1	0	-	Front	12mm	Ant 5	ECI 4	21100	2535	-	23.55	25.00	1.396	-	-	0.13	0.552	0.771
	LTE Band 7C	20M	QPSK	1	99	-	Front	12mm	Ant 5	ECI 4	21100+ 21298	2535+ 2554.8	-	23.42	25.00	1.439	-	-	0.06	0.527	0.758
	LTE Band 7	20M	QPSK	50	0	-	Front	12mm	Ant 5	ECI 4	21100	2535	-	22.71	24.00	1.346	-	-	-0.18	0.425	0.572
	LTE Band 7	20M	QPSK	1	0	-	Back	15mm	Ant 5	ECI 4	21100	2535	-	23.55	25.00	1.396	-	-	-0.06	0.487	0.680
	LTE Band 7	20M	QPSK	50	0	-	Back	15mm	Ant 5	ECI 4	21100	2535	-	22.71	24.00	1.346	-	-	-0.11	0.388	0.522
	LTE Band 38	20M	QPSK	1	0	-	Front	5mm	Ant 2	ECI 3	38000	2595	code:b0	21.09	21.70	1.151	62.9	1.006	-0.1	0.634	0.734
	LTE Band 38	20M	QPSK	50	0	-	Front	5mm	Ant 2	ECI 3	38000	2595	code:b0	20.99	21.70	1.178	62.9	1.006	-0.01	0.651	0.771
	LTE Band 38	20M	QPSK	1	0	-	Back	5mm	Ant 2	ECI 3	38000	2595	code:b0	21.09	21.70	1.151	62.9	1.006	-0.09	0.838	0.970
	LTE Band 38	20M	QPSK	1	0	-	Back	5mm	Ant 2	ECI 3	37850	2580	code:b0	20.90	21.70	1.202	62.9	1.006	-0.06	0.789	0.954
	LTE Band 38	20M	QPSK	1	0	-	Back	5mm	Ant 2	ECI 3	38150	2610	code:b0	21.00	21.70	1.175	62.9	1.006	-0.17	0.871	1.030
	LTE Band 38C	20M	QPSK	1	0	-	Back	5mm	Ant 2	ECI 3	38150+ 37952	2610+ 2590.2	code:b0	20.48	21.70	1.324	62.9	1.006	0.02	0.746	0.994
	LTE Band 38	20M	QPSK	50	0	-	Back	5mm	Ant 2	ECI 3	38000	2595	code:b0	20.99	21.70	1.178	62.9	1.006	-0.01	0.834	0.988
	LTE Band 38	20M	QPSK	50	0	-	Back	5mm	Ant 2	ECI 3	37850	2580	code:b0	20.74	21.70	1.247	62.9	1.006	-0.11	0.817	1.025
	LTE Band 38	20M	QPSK	50	0	-	Back	5mm	Ant 2	ECI 3	38150	2610	code:b0	20.75	21.70	1.245	62.9	1.006	0.04	0.802	1.004
	LTE Band 38	20M	QPSK	100	0	-	Back	5mm	Ant 2	ECI 3	38000	2595	code:b0	20.77	21.70	1.239	62.9	1.006	0.14	0.820	1.022
	LTE Band 38	20M	QPSK	1	0	-	Front	5mm	Ant 3	ECI 3	38000	2595	code:e	20.59	21.70	1.291	62.9	1.006	-0.03	0.615	0.799

	LTE Band 38	20M	QPSK	50	0	-	Front	5mm	Ant 3	ECI 3	38000	2595	code:e	20.44	21.70	1.337	62.9	1.006	-0.07	0.610	0.820
	LTE Band 38	20M	QPSK	50	0	-	Front	5mm	Ant 3	ECI 3	37850	2580	code:e	20.23	21.70	1.403	62.9	1.006	0.05	0.619	0.874
	LTE Band 38	20M	QPSK	50	0	-	Front	5mm	Ant 3	ECI 3	38150	2610	code:e	20.32	21.70	1.374	62.9	1.006	-0.11	0.622	0.860
	LTE Band 38	20M	QPSK	100	0	-	Front	5mm	Ant 3	ECI 3	38000	2595	code:e	20.24	21.70	1.400	62.9	1.006	-0.12	0.614	0.865
	LTE Band 38	20M	QPSK	1	0	-	Back	5mm	Ant 3	ECI 3	38000	2595	code:e	20.59	21.70	1.291	62.9	1.006	0.03	0.714	0.927
	LTE Band 38	20M	QPSK	1	0	-	Back	5mm	Ant 3	ECI 3	37850	2580	code:e	20.47	21.70	1.327	62.9	1.006	-0.16	0.676	0.902
	LTE Band 38	20M	QPSK	1	0	-	Back	5mm	Ant 3	ECI 3	38150	2610	code:e	20.48	21.70	1.324	62.9	1.006	-0.05	0.753	1.003
	LTE Band 38C	20M	QPSK	1	0	-	Back	5mm	Ant 3	ECI 3	38150+ 37952	2610+ 2590.2	code:e	20.24	21.70	1.400	62.9	1.006	0.06	0.705	0.993
	LTE Band 38	20M	QPSK	50	0	-	Back	5mm	Ant 3	ECI 3	38000	2595	code:e	20.44	21.70	1.337	62.9	1.006	-0.02	0.717	0.964
	LTE Band 38	20M	QPSK	50	0	-	Back	5mm	Ant 3	ECI 3	37850	2580	code:e	20.23	21.70	1.403	62.9	1.006	0.15	0.683	0.964
	LTE Band 38	20M	QPSK	50	0	-	Back	5mm	Ant 3	ECI 3	38150	2610	code:e	20.32	21.70	1.374	62.9	1.006	-0.09	0.697	0.963
	LTE Band 38	20M	QPSK	100	0	-	Back	5mm	Ant 3	ECI 3	38000	2595	code:e	20.24	21.70	1.400	62.9	1.006	0.11	0.705	0.993
	LTE Band 38	20M	QPSK	1	0	-	Front	12mm	Ant 3	ECI 4	38000	2595	code:e	24.58	25.70	1.294	62.9	1.006	-0.14	0.555	0.722
	LTE Band 38C	20M	QPSK	1	99	-	Front	12mm	Ant 3	ECI 4	37901+ 38099	2585.1+ 2604.9	code:e	24.43	25.70	1.340	62.9	1.006	0.06	0.518	0.698
	LTE Band 38	20M	QPSK	50	0	-	Front	12mm	Ant 3	ECI 4	38000	2595	code:e	23.70	24.70	1.259	62.9	1.006	-0.19	0.458	0.580
	LTE Band 38	20M	QPSK	1	0	-	Back	15mm	Ant 3	ECI 4	38000	2595	code:e	24.58	25.70	1.294	62.9	1.006	-0.09	0.438	0.570
	LTE Band 38	20M	QPSK	50	0	-	Back	15mm	Ant 3	ECI 4	38000	2595	code:e	23.70	24.70	1.259	62.9	1.006	0.01	0.374	0.474
	LTE Band 38	20M	QPSK	1	0	-	Front	5mm	Ant 4	ECI 3	38000	2595	-	22.21	23.20	1.256	62.9	1.006	0.19	0.559	0.706
	LTE Band 38	20M	QPSK	50	0	-	Front	5mm	Ant 4	ECI 3	38000	2595	-	22.10	23.20	1.288	62.9	1.006	0.07	0.561	0.727
	LTE Band 38	20M	QPSK	1	0	-	Back	5mm	Ant 4	ECI 3	38000	2595	-	22.21	23.20	1.256	62.9	1.006	-0.18	0.791	0.999
	LTE Band 38	20M	QPSK	1	0	-	Back	5mm	Ant 4	ECI 3	37850	2580	-	21.97	23.20	1.327	62.9	1.006	0.03	0.765	1.021
99	LTE Band 38	20M	QPSK	1	0	-	Back	5mm	Ant 4	ECI 3	38150	2610	-	22.13	23.20	1.279	62.9	1.006	-0.07	0.824	**1.060**
	LTE Band 38C	20M	QPSK	1	0	-	Back	5mm	Ant 4	ECI 3	38150+ 37952	2610+ 2590.2	-	21.53	23.20	1.469	62.9	1.006	0.09	0.684	1.011
	LTE Band 38	20M	QPSK	50	0	-	Back	5mm	Ant 4	ECI 3	38000	2595	-	22.10	23.20	1.288	62.9	1.006	-0.15	0.794	1.029
	LTE Band 38	20M	QPSK	50	0	-	Back	5mm	Ant 4	ECI 3	37850	2580	-	21.87	23.20	1.358	62.9	1.006	0.11	0.711	0.971
	LTE Band 38	20M	QPSK	50	0	-	Back	5mm	Ant 4	ECI 3	38150	2610	-	21.94	23.20	1.337	62.9	1.006	-0.07	0.731	0.983
	LTE Band 38	20M	QPSK	100	0	-	Back	5mm	Ant 4	ECI 3	38000	2595	-	21.91	23.20	1.346	62.9	1.006	-0.08	0.726	0.983
	LTE Band 38	20M	QPSK	1	0	-	Front	5mm	Ant 5	ECI 3	38000	2595	-	19.84	21.00	1.306	62.9	1.006	-0.02	0.396	0.520
	LTE Band 38	20M	QPSK	50	0	-	Front	5mm	Ant 5	ECI 3	38000	2595	-	19.75	21.00	1.334	62.9	1.006	0.11	0.395	0.530
	LTE Band 38	20M	QPSK	1	0	-	Back	5mm	Ant 5	ECI 3	38000	2595	-	19.84	21.00	1.306	62.9	1.006	0.09	0.712	0.935
	LTE Band 38C	20M	QPSK	1	99	-	Back	5mm	Ant 5	ECI 3	37901+ 38099	2585.1+ 2604.9	-	19.71	21.00	1.346	62.9	1.006	0.02	0.684	0.926
	LTE Band 38	20M	QPSK	1	0	-	Back	5mm	Ant 5	ECI 3	37850	2580	-	19.81	21.00	1.315	62.9	1.006	0.05	0.693	0.917
	LTE Band 38	20M	QPSK	1	0	-	Back	5mm	Ant 5	ECI 3	38150	2610	-	19.74	21.00	1.337	62.9	1.006	0.05	0.694	0.933
	LTE Band 38	20M	QPSK	50	0	-	Back	5mm	Ant 5	ECI 3	38000	2595	-	19.75	21.00	1.334	62.9	1.006	-0.03	0.692	0.929
	LTE Band 38	20M	QPSK	50	0	-	Back	5mm	Ant 5	ECI 3	37850	2580	-	19.70	21.00	1.349	62.9	1.006	-0.15	0.637	0.864
	LTE Band 38	20M	QPSK	50	0	-	Back	5mm	Ant 5	ECI 3	38150	2610	-	19.71	21.00	1.346	62.9	1.006	0.02	0.637	0.863
	LTE Band 38	20M	QPSK	100	0	-	Back	5mm	Ant 5	ECI 3	38000	2595	-	19.71	21.00	1.346	62.9	1.006	0.07	0.689	0.933
	LTE Band 38	20M	QPSK	1	0	-	Front	12mm	Ant 5	ECI 4	38000	2595	-	23.81	25.00	1.315	62.9	1.006	-0.13	0.263	0.348
	LTE Band 38	20M	QPSK	50	0	-	Front	12mm	Ant 5	ECI 4	38000	2595	-	22.96	24.00	1.271	62.9	1.006	0.06	0.211	0.270
	LTE Band 38	20M	QPSK	1	0	-	Back	15mm	Ant 5	ECI 4	38000	2595	-	23.81	25.00	1.315	62.9	1.006	-0.03	0.266	0.352
	LTE Band 38C	20M	QPSK	1	99	-	Back	15mm	Ant 5	ECI 4	37901+ 38099	2585.1+ 2604.9	-	23.72	25.00	1.343	62.9	1.006	0.06	0.251	0.339
	LTE Band 38	20M	QPSK	50	0	-	Back	15mm	Ant 5	ECI 4	38000	2595	-	22.96	24.00	1.271	62.9	1.006	-0.03	0.225	0.288
	LTE Band 41	20M	QPSK	1	0	-	Front	5mm	Ant 2	ECI 3	40620	2593	code:b0	21.26	21.70	1.107	62.9	1.006	-0.05	0.661	0.736
	LTE Band 41	20M	QPSK	1	0	-	Front	5mm	Ant 2	ECI 3	39750	2506	code:b0	21.13	21.70	1.140	62.9	1.006	0.16	0.536	0.615
	LTE Band 41	20M	QPSK	1	0	-	Front	5mm	Ant 2	ECI 3	40185	2549.5	code:b0	21.19	21.70	1.125	62.9	1.006	0.05	0.622	0.704
	LTE Band 41	20M	QPSK	1	0	-	Front	5mm	Ant 2	ECI 3	41055	2636.5	code:b0	21.11	21.70	1.146	62.9	1.006	0.05	0.683	0.787
	LTE Band 41	20M	QPSK	1	0	-	Front	5mm	Ant 2	ECI 3	41490	2680	code:b0	21.05	21.70	1.161	62.9	1.006	-0.03	0.679	0.793
	LTE Band 41	20M	QPSK	50	0	-	Front	5mm	Ant 2	ECI 3	40620	2593	code:b0	21.23	21.70	1.114	62.9	1.006	-0.15	0.686	0.769
	LTE Band 41	20M	QPSK	50	0	-	Front	5mm	Ant 2	ECI 3	39750	2506	code:b0	21.17	21.70	1.130	62.9	1.006	0.07	0.534	0.607
	LTE Band 41	20M	QPSK	50	0	-	Front	5mm	Ant 2	ECI 3	40185	2549.5	code:b0	21.16	21.70	1.132	62.9	1.006	0.16	0.616	0.701
	LTE Band 41	20M	QPSK	50	0	-	Front	5mm	Ant 2	ECI 3	41055	2636.5	code:b0	21.14	21.70	1.138	62.9	1.006	0.13	0.678	0.776
	LTE Band 41	20M	QPSK	50	0	-	Front	5mm	Ant 2	ECI 3	41490	2680	code:b0	21.06	21.70	1.159	62.9	1.006	-0.18	0.672	0.784
	LTE Band 41	20M	QPSK	100	0	-	Front	5mm	Ant 2	ECI 3	40620	2593	code:b0	21.19	21.70	1.125	62.9	1.006	0.02	0.705	0.798
	LTE Band 41	20M	QPSK	1	0	-	Back	5mm	Ant 2	ECI 3	40620	2593	code:b0	21.26	21.70	1.107	62.9	1.006	0.16	0.889	0.990

	LTE Band 41	20M	QPSK	1	0	-	Back	5mm	Ant 2	ECI 3	39750	2506	code:b0	21.13	21.70	1.140	62.9	1.006	0.07	0.685	0.786
	LTE Band 41	20M	QPSK	1	0	-	Back	5mm	Ant 2	ECI 3	40185	2549.5	code:b0	21.19	21.70	1.125	62.9	1.006	-0.17	0.779	0.882
	LTE Band 41	20M	QPSK	1	0	-	Back	5mm	Ant 2	ECI 3	41055	2636.5	code:b0	21.11	21.70	1.146	62.9	1.006	0.01	0.880	1.015
	LTE Band 41	20M	QPSK	1	0	-	Back	5mm	Ant 2	ECI 3	41490	2680	code:b0	21.05	21.70	1.161	62.9	1.006	-0.01	0.908	1.061
	LTE Band 41	20M	QPSK	50	0	-	Back	5mm	Ant 2	ECI 3	40620	2593	code:b0	21.23	21.70	1.114	62.9	1.006	-0.06	0.872	0.977
	LTE Band 41	20M	QPSK	50	0	-	Back	5mm	Ant 2	ECI 3	39750	2506	code:b0	21.17	21.70	1.130	62.9	1.006	-0.09	0.704	0.800
	LTE Band 41	20M	QPSK	50	0	-	Back	5mm	Ant 2	ECI 3	40185	2549.5	code:b0	21.16	21.70	1.132	62.9	1.006	-0.17	0.833	0.949
	LTE Band 41	20M	QPSK	50	0	-	Back	5mm	Ant 2	ECI 3	41055	2636.5	code:b0	21.14	21.70	1.138	62.9	1.006	0.06	0.937	1.073
	LTE Band 41	20M	QPSK	50	0	-	Back	5mm	Ant 2	ECI 3	41490	2680	code:b0	21.06	21.70	1.159	62.9	1.006	0.18	0.912	1.063
	LTE Band 41	20M	QPSK	100	0	-	Back	5mm	Ant 2	ECI 3	40620	2593	code:b0	21.19	21.70	1.125	62.9	1.006	-0.17	0.853	0.965
	LTE Band 41	20M	QPSK	1	0	-	Front	5mm	Ant 3	ECI 3	40620	2593	code:e	20.08	21.20	1.294	62.9	1.006	-0.04	0.545	0.709
	LTE Band 41	20M	QPSK	1	0	-	Front	5mm	Ant 3	ECI 3	39750	2506	code:e	19.93	21.20	1.340	62.9	1.006	-0.03	0.465	0.627
	LTE Band 41	20M	QPSK	1	0	-	Front	5mm	Ant 3	ECI 3	40185	2549.5	code:e	19.95	21.20	1.334	62.9	1.006	-0.13	0.501	0.672
	LTE Band 41	20M	QPSK	1	0	-	Front	5mm	Ant 3	ECI 3	41055	2636.5	code:e	19.85	21.20	1.365	62.9	1.006	-0.01	0.489	0.671
	LTE Band 41	20M	QPSK	1	0	-	Front	5mm	Ant 3	ECI 3	41490	2680	code:e	19.86	21.20	1.361	62.9	1.006	-0.09	0.443	0.607
	LTE Band 41	20M	QPSK	50	0	-	Front	5mm	Ant 3	ECI 3	40620	2593	code:e	20.00	21.20	1.318	62.9	1.006	0.05	0.534	0.708
	LTE Band 41	20M	QPSK	50	0	-	Front	5mm	Ant 3	ECI 3	39750	2506	code:e	19.72	21.20	1.406	62.9	1.006	-0.13	0.475	0.672
	LTE Band 41	20M	QPSK	50	0	-	Front	5mm	Ant 3	ECI 3	40185	2549.5	code:e	19.70	21.20	1.413	62.9	1.006	0.17	0.521	0.741
	LTE Band 41	20M	QPSK	50	0	-	Front	5mm	Ant 3	ECI 3	41055	2636.5	code:e	19.78	21.20	1.387	62.9	1.006	0.06	0.541	0.755
	LTE Band 41	20M	QPSK	50	0	-	Front	5mm	Ant 3	ECI 3	41490	2680	code:e	19.74	21.20	1.400	62.9	1.006	0.14	0.443	0.624
	LTE Band 41	20M	QPSK	100	0	-	Front	5mm	Ant 3	ECI 3	40620	2593	code:e	19.75	21.20	1.396	62.9	1.006	-0.04	0.528	0.742
	LTE Band 41	20M	QPSK	1	0	-	Back	5mm	Ant 3	ECI 3	40620	2593	code:e	20.08	21.20	1.294	62.9	1.006	-0.15	0.607	0.790
	LTE Band 41	20M	QPSK	1	0	-	Back	5mm	Ant 3	ECI 3	39750	2506	code:e	19.93	21.20	1.340	62.9	1.006	-0.02	0.525	0.708
	LTE Band 41	20M	QPSK	1	0	-	Back	5mm	Ant 3	ECI 3	40185	2549.5	code:e	19.95	21.20	1.334	62.9	1.006	0.1	0.572	0.768
	LTE Band 41	20M	QPSK	1	0	-	Back	5mm	Ant 3	ECI 3	41055	2636.5	code:e	19.85	21.20	1.365	62.9	1.006	-0.05	0.744	1.022
	LTE Band 41	20M	QPSK	1	0	-	Back	5mm	Ant 3	ECI 3	41490	2680	code:e	19.86	21.20	1.361	62.9	1.006	0.13	0.628	0.860
	LTE Band 41	20M	QPSK	50	0	-	Back	5mm	Ant 3	ECI 3	40620	2593	code:e	20.00	21.20	1.318	62.9	1.006	-0.18	0.600	0.796
	LTE Band 41	20M	QPSK	50	0	-	Back	5mm	Ant 3	ECI 3	39750	2506	code:e	19.72	21.20	1.406	62.9	1.006	-0.16	0.530	0.750
	LTE Band 41	20M	QPSK	50	0	-	Back	5mm	Ant 3	ECI 3	40185	2549.5	code:e	19.70	21.20	1.413	62.9	1.006	-0.15	0.579	0.823
	LTE Band 41	20M	QPSK	50	0	-	Back	5mm	Ant 3	ECI 3	41055	2636.5	code:e	19.78	21.20	1.387	62.9	1.006	-0.06	0.700	0.977
	LTE Band 41	20M	QPSK	50	0	-	Back	5mm	Ant 3	ECI 3	41490	2680	code:e	19.74	21.20	1.400	62.9	1.006	-0.14	0.627	0.883
	LTE Band 41	20M	QPSK	100	0	-	Back	5mm	Ant 3	ECI 3	40620	2593	code:e	19.75	21.20	1.396	62.9	1.006	-0.19	0.600	0.843
	LTE Band 41	20M	QPSK	1	0	-	Front	12mm	Ant 3	ECI 4	40620	2593	code:e	24.52	25.70	1.312	62.9	1.006	-0.02	0.441	0.582
	LTE Band 41	20M	QPSK	50	0	-	Front	12mm	Ant 3	ECI 4	40620	2593	code:e	23.64	24.70	1.276	62.9	1.006	-0.05	0.454	0.583
	LTE Band 41	20M	QPSK	1	0	-	Back	15mm	Ant 3	ECI 4	40620	2593	code:e	24.52	25.70	1.312	62.9	1.006	-0.13	0.435	0.574
	LTE Band 41	20M	QPSK	50	0	-	Back	15mm	Ant 3	ECI 4	40620	2593	code:e	23.64	24.70	1.276	62.9	1.006	0.1	0.362	0.465
	LTE Band 41	20M	QPSK	1	0	-	Front	5mm	Ant 4	ECI 3	40620	2593	-	21.66	22.70	1.271	62.9	1.006	-0.17	0.540	0.690
	LTE Band 41	20M	QPSK	1	0	-	Front	5mm	Ant 4	ECI 3	39750	2506	-	21.61	22.70	1.285	62.9	1.006	-0.04	0.537	0.694
	LTE Band 41	20M	QPSK	1	0	-	Front	5mm	Ant 4	ECI 3	40185	2549.5	-	21.48	22.70	1.324	62.9	1.006	-0.08	0.552	0.735
	LTE Band 41	20M	QPSK	1	0	-	Front	5mm	Ant 4	ECI 3	41055	2636.5	-	21.53	22.70	1.309	62.9	1.006	0.17	0.534	0.703
	LTE Band 41	20M	QPSK	1	0	-	Front	5mm	Ant 4	ECI 3	41490	2680	-	21.56	22.70	1.300	62.9	1.006	0.18	0.501	0.655
	LTE Band 41	20M	QPSK	50	0	-	Front	5mm	Ant 4	ECI 3	40620	2593	-	21.53	22.70	1.309	62.9	1.006	-0.04	0.535	0.705
	LTE Band 41	20M	QPSK	50	0	-	Front	5mm	Ant 4	ECI 3	39750	2506	-	21.46	22.70	1.330	62.9	1.006	-0.13	0.520	0.696
	LTE Band 41	20M	QPSK	50	0	-	Front	5mm	Ant 4	ECI 3	40185	2549.5	-	21.42	22.70	1.343	62.9	1.006	-0.13	0.533	0.720
	LTE Band 41	20M	QPSK	50	0	-	Front	5mm	Ant 4	ECI 3	41055	2636.5	-	21.50	22.70	1.318	62.9	1.006	0.06	0.530	0.703
	LTE Band 41	20M	QPSK	50	0	-	Front	5mm	Ant 4	ECI 3	41490	2680	-	21.42	22.70	1.343	62.9	1.006	-0.03	0.487	0.658
	LTE Band 41	20M	QPSK	100	0	-	Front	5mm	Ant 4	ECI 3	40620	2593	-	21.43	22.70	1.340	62.9	1.006	-0.03	0.530	0.714
	LTE Band 41	20M	QPSK	1	0	-	Back	5mm	Ant 4	ECI 3	40620	2593	-	21.66	22.70	1.271	62.9	1.006	-0.05	0.745	0.953
	LTE Band 41	20M	QPSK	1	0	-	Back	5mm	Ant 4	ECI 3	39750	2506	-	21.61	22.70	1.285	62.9	1.006	-0.07	0.648	0.838
	LTE Band 41	20M	QPSK	1	0	-	Back	5mm	Ant 4	ECI 3	40185	2549.5	-	21.48	22.70	1.324	62.9	1.006	0.05	0.695	0.926
	LTE Band 41	20M	QPSK	1	0	-	Back	5mm	Ant 4	ECI 3	41055	2636.5	-	21.53	22.70	1.309	62.9	1.006	-0.11	0.711	0.936
	LTE Band 41	20M	QPSK	1	0	-	Back	5mm	Ant 4	ECI 3	41490	2680	-	21.56	22.70	1.300	62.9	1.006	-0.12	0.727	0.951
	LTE Band 41	20M	QPSK	50	0	-	Back	5mm	Ant 4	ECI 3	40620	2593	-	21.53	22.70	1.309	62.9	1.006	0.03	0.697	0.918
	LTE Band 41	20M	QPSK	50	0	-	Back	5mm	Ant 4	ECI 3	39750	2506	-	21.46	22.70	1.330	62.9	1.006	-0.02	0.640	0.856
	LTE Band 41	20M	QPSK	50	0	-	Back	5mm	Ant 4	ECI 3	40185	2549.5	-	21.42	22.70	1.343	62.9	1.006	0.15	0.668	0.903
	LTE Band 41	20M	QPSK	50	0	-	Back	5mm	Ant 4	ECI 3	41055	2636.5	-	21.50	22.70	1.318	62.9	1.006	-0.09	0.715	0.948

	LTE Band 41	20M	QPSK	50	0	-	Back	5mm	Ant 4	ECI 3	41490	2680	-	21.42	22.70	1.343	62.9	1.006	0.11	0.688	0.930
	LTE Band 41	20M	QPSK	100	0	-	Back	5mm	Ant 4	ECI 3	40620	2593	-	21.43	22.70	1.340	62.9	1.006	-0.05	0.701	0.945
	LTE Band 41	20M	QPSK	1	0	-	Front	5mm	Ant 5	ECI 3	40620	2593	-	20.66	22.00	1.361	62.9	1.006	0.07	0.529	0.724
	LTE Band 41	20M	QPSK	1	0	-	Front	5mm	Ant 5	ECI 3	39750	2506	-	20.56	22.00	1.393	62.9	1.006	0.03	0.594	0.832
	LTE Band 41	20M	QPSK	1	0	-	Front	5mm	Ant 5	ECI 3	40185	2549.5	-	20.54	22.00	1.400	62.9	1.006	-0.15	0.589	0.830
	LTE Band 41	20M	QPSK	1	0	-	Front	5mm	Ant 5	ECI 3	41055	2636.5	-	20.64	22.00	1.368	62.9	1.006	-0.15	0.499	0.687
	LTE Band 41	20M	QPSK	1	0	-	Front	5mm	Ant 5	ECI 3	41490	2680	-	20.62	22.00	1.374	62.9	1.006	0.11	0.464	0.641
	LTE Band 41	20M	QPSK	50	0	-	Front	5mm	Ant 5	ECI 3	40620	2593	-	20.56	22.00	1.393	62.9	1.006	-0.08	0.493	0.691
	LTE Band 41	20M	QPSK	50	0	-	Front	5mm	Ant 5	ECI 3	39750	2506	-	20.40	22.00	1.445	62.9	1.006	-0.08	0.537	0.781
	LTE Band 41	20M	QPSK	50	0	-	Front	5mm	Ant 5	ECI 3	40185	2549.5	-	20.39	22.00	1.449	62.9	1.006	-0.04	0.507	0.739
	LTE Band 41	20M	QPSK	50	0	-	Front	5mm	Ant 5	ECI 3	41055	2636.5	-	20.38	22.00	1.452	62.9	1.006	-0.08	0.442	0.646
	LTE Band 41	20M	QPSK	50	0	-	Front	5mm	Ant 5	ECI 3	41490	2680	-	20.40	22.00	1.445	62.9	1.006	0.17	0.416	0.605
	LTE Band 41	20M	QPSK	100	0	-	Front	5mm	Ant 5	ECI 3	40620	2593	-	20.51	22.00	1.409	62.9	1.006	0.18	0.496	0.703
100	LTE Band 41	20M	QPSK	1	0	-	Back	5mm	Ant 5	ECI 3	40620	2593	-	20.66	22.00	1.361	62.9	1.006	0.01	0.798	**1.093**
	LTE Band 41	20M	QPSK	1	0	-	Back	5mm	Ant 5	ECI 3	39750	2506	-	20.56	22.00	1.393	62.9	1.006	-0.08	0.756	1.059
	LTE Band 41	20M	QPSK	1	0	-	Back	5mm	Ant 5	ECI 3	40185	2549.5	-	20.54	22.00	1.400	62.9	1.006	-0.13	0.748	1.053
	LTE Band 41	20M	QPSK	1	0	-	Back	5mm	Ant 5	ECI 3	41055	2636.5	-	20.64	22.00	1.368	62.9	1.006	-0.13	0.781	1.075
	LTE Band 41	20M	QPSK	1	0	-	Back	5mm	Ant 5	ECI 3	41490	2680	-	20.62	22.00	1.374	62.9	1.006	0.06	0.745	1.030
	LTE Band 41	20M	QPSK	50	0	-	Back	5mm	Ant 5	ECI 3	40620	2593	-	20.56	22.00	1.393	62.9	1.006	-0.03	0.737	1.033
	LTE Band 41	20M	QPSK	50	0	-	Back	5mm	Ant 5	ECI 3	39750	2506	-	20.40	22.00	1.445	62.9	1.006	0.08	0.727	1.057
	LTE Band 41	20M	QPSK	50	0	-	Back	5mm	Ant 5	ECI 3	40185	2549.5	-	20.39	22.00	1.449	62.9	1.006	-0.07	0.707	1.031
	LTE Band 41	20M	QPSK	50	0	-	Back	5mm	Ant 5	ECI 3	41055	2636.5	-	20.38	22.00	1.452	62.9	1.006	0.05	0.691	1.009
	LTE Band 41	20M	QPSK	50	0	-	Back	5mm	Ant 5	ECI 3	41490	2680	-	20.40	22.00	1.445	62.9	1.006	-0.11	0.695	1.010
	LTE Band 41	20M	QPSK	100	0	-	Back	5mm	Ant 5	ECI 3	40620	2593	-	20.51	22.00	1.409	62.9	1.006	-0.12	0.761	1.079
	LTE Band 41	20M	QPSK	1	0	-	Front	12mm	Ant 5	ECI 4	40620	2593	-	23.66	25.00	1.361	62.9	1.006	0.18	0.261	0.357
	LTE Band 41	20M	QPSK	50	0	-	Front	12mm	Ant 5	ECI 4	40620	2593	-	22.88	24.00	1.294	62.9	1.006	-0.04	0.212	0.276
	LTE Band 41	20M	QPSK	1	0	-	Back	15mm	Ant 5	ECI 4	40620	2593	-	23.66	25.00	1.361	62.9	1.006	-0.08	0.267	0.366
	LTE Band 41	20M	QPSK	50	0	-	Back	15mm	Ant 5	ECI 4	40620	2593	-	22.88	24.00	1.294	62.9	1.006	-0.13	0.224	0.292
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 2	ECI 3	507000	2535	code:b0	19.19	19.70	1.125	-	-	0.05	0.682	0.767
	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Front	5mm	Ant 2	ECI 3	507000	2535	code:b0	19.12	19.70	1.143	-	-	0.02	0.768	0.878
	FR1 n7	50M	QPSK	270	0	DFT-SCS-15KHz	Front	5mm	Ant 2	ECI 3	507000	2535	code:b0	18.84	19.70	1.219	-	-	-0.13	0.713	0.869
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 2	ECI 3	507000	2535	code:b0	19.19	19.70	1.125	-	-	0.17	0.869	0.978
101	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Back	5mm	Ant 2	ECI 3	507000	2535	code:b0	19.12	19.70	1.143	-	-	-0.09	0.950	**1.086**
	FR1 n7	50M	QPSK	270	0	DFT-SCS-15KHz	Back	5mm	Ant 2	ECI 3	507000	2535	code:b0	18.84	19.70	1.219	-	-	0.06	0.836	1.019
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 3	ECI 3	507000	2535	code:e	19.44	20.20	1.191	-	-	0.08	0.853	1.016
	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Front	5mm	Ant 3	ECI 3	507000	2535	code:e	19.41	20.20	1.199	-	-	0.01	0.889	1.066
	FR1 n7	50M	QPSK	270	0	DFT-SCS-15KHz	Front	5mm	Ant 3	ECI 3	507000	2535	code:e	19.33	20.20	1.222	-	-	0.03	0.839	1.025
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 3	ECI 3	507000	2535	code:e	19.44	20.20	1.191	-	-	-0.08	0.860	1.024
	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Back	5mm	Ant 3	ECI 3	507000	2535	code:e	19.41	20.20	1.199	-	-	-0.08	0.896	1.074
	FR1 n7	50M	QPSK	270	0	DFT-SCS-15KHz	Back	5mm	Ant 3	ECI 3	507000	2535	code:e	19.33	20.20	1.222	-	-	0.1	0.872	1.066
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Front	12mm	Ant 3	ECI 4	507000	2535	code:e	23.92	24.70	1.197	-	-	-0.06	0.687	0.822
	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Front	12mm	Ant 3	ECI 4	507000	2535	code:e	23.90	24.70	1.202	-	-	0.02	0.767	0.922
	FR1 n7	50M	QPSK	270	0	DFT-SCS-15KHz	Front	12mm	Ant 3	ECI 4	507000	2535	code:e	23.86	24.70	1.213	-	-	0.03	0.580	0.704
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Back	15mm	Ant 3	ECI 4	507000	2535	code:e	23.92	24.70	1.197	-	-	-0.13	0.698	0.836
	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Back	15mm	Ant 3	ECI 4	507000	2535	code:e	23.90	24.70	1.202	-	-	0.01	0.787	0.946
	FR1 n7	50M	QPSK	270	0	DFT-SCS-15KHz	Back	15mm	Ant 3	ECI 4	507000	2535	code:e	23.86	24.70	1.213	-	-	0.16	0.609	0.739
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 4	ECI 3	507000	2535	-	20.75	21.70	1.245	-	-	-0.04	0.597	0.743
	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Front	5mm	Ant 4	ECI 3	507000	2535	-	20.66	21.70	1.271	-	-	-0.09	0.618	0.785
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 4	ECI 3	507000	2535	-	20.75	21.70	1.245	-	-	0.11	0.763	0.950
	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Back	5mm	Ant 4	ECI 3	507000	2535	-	20.66	21.70	1.271	-	-	0.07	0.778	0.989
	FR1 n7	50M	QPSK	270	0	DFT-SCS-15KHz	Back	5mm	Ant 4	ECI 3	507000	2535	-	20.44	21.70	1.337	-	-	-0.09	0.781	1.044
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Front	5mm	Ant 5	ECI 3	507000	2535	-	18.56	20.00	1.393	-	-	0.11	0.487	0.678
	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Front	5mm	Ant 5	ECI 3	507000	2535	-	18.48	20.00	1.419	-	-	-0.04	0.482	0.684
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Back	5mm	Ant 5	ECI 3	507000	2535	-	18.56	20.00	1.393	-	-	0.1	0.777	1.082
	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Back	5mm	Ant 5	ECI 3	507000	2535	-	18.48	20.00	1.419	-	-	-0.15	0.694	0.985
	FR1 n7	50M	QPSK	270	0	DFT-SCS-15KHz	Back	5mm	Ant 5	ECI 3	507000	2535	-	18.36	20.00	1.459	-	-	0.11	0.706	1.030

	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Front	12mm	Ant 5	ECI 4	507000	2535	-	23.98	25.50	1.419	-	-	-0.02	0.474	0.673
	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Front	12mm	Ant 5	ECI 4	507000	2535	-	23.86	25.50	1.459	-	-	-0.09	0.500	0.730
	FR1 n7	50M	QPSK	1	1	DFT-SCS-15KHz	Back	15mm	Ant 5	ECI 4	507000	2535	-	23.98	25.50	1.419	-	-	-0.05	0.461	0.654
	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Back	15mm	Ant 5	ECI 4	507000	2535	-	23.86	25.50	1.459	-	-	0.14	0.453	0.661
	FR1 n38	40M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 2	ECI 3	519000	2595	code:b0	18.46	19.20	1.186	-	-	-0.18	0.687	0.815
	FR1 n38	40M	QPSK	50	28	DFT-SCS-30KHz	Front	5mm	Ant 2	ECI 3	519000	2595	code:b0	18.40	19.20	1.202	-	-	0.1	0.625	0.751
	FR1 n38	40M	QPSK	100	0	DFT-SCS-30KHz	Front	5mm	Ant 2	ECI 3	519000	2595	code:b0	18.19	19.20	1.262	-	-	0.12	0.638	0.805
	FR1 n38	40M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 2	ECI 3	519000	2595	code:b0	18.46	19.20	1.186	-	-	0.02	0.875	1.038
	FR1 n38	40M	QPSK	50	28	DFT-SCS-30KHz	Back	5mm	Ant 2	ECI 3	519000	2595	code:b0	18.40	19.20	1.202	-	-	0.08	0.810	0.974
	FR1 n38	40M	QPSK	100	0	DFT-SCS-30KHz	Back	5mm	Ant 2	ECI 3	519000	2595	code:b0	18.19	19.20	1.262	-	-	-0.17	0.759	0.958
	FR1 n38	40M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 3	ECI 3	519000	2595	code:e	17.31	18.20	1.227	-	-	-0.03	0.663	0.814
	FR1 n38	40M	QPSK	50	28	DFT-SCS-30KHz	Front	5mm	Ant 3	ECI 3	519000	2595	code:e	17.28	18.20	1.236	-	-	0.14	0.653	0.807
	FR1 n38	40M	QPSK	100	0	DFT-SCS-30KHz	Front	5mm	Ant 3	ECI 3	519000	2595	code:e	17.25	18.20	1.245	-	-	0.11	0.665	0.828
	FR1 n38	40M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 3	ECI 3	519000	2595	code:e	17.31	18.20	1.227	-	-	-0.09	0.791	0.971
	FR1 n38	40M	QPSK	50	28	DFT-SCS-30KHz	Back	5mm	Ant 3	ECI 3	519000	2595	code:e	17.28	18.20	1.236	-	-	-0.05	0.747	0.923
	FR1 n38	40M	QPSK	100	0	DFT-SCS-30KHz	Back	5mm	Ant 3	ECI 3	519000	2595	code:e	17.25	18.20	1.245	-	-	0.18	0.739	0.920
	FR1 n38	40M	QPSK	1	1	DFT-SCS-30KHz	Front	12mm	Ant 3	ECI 4	519000	2595	code:e	23.28	24.20	1.236	-	-	0.1	0.750	0.927
	FR1 n38	40M	QPSK	50	28	DFT-SCS-30KHz	Front	12mm	Ant 3	ECI 4	519000	2595	code:e	23.26	24.20	1.242	-	-	0.03	0.773	0.960
	FR1 n38	40M	QPSK	100	0	DFT-SCS-30KHz	Front	12mm	Ant 3	ECI 4	519000	2595	code:e	23.24	24.20	1.247	-	-	0.07	0.692	0.863
	FR1 n38	40M	QPSK	1	1	DFT-SCS-30KHz	Back	15mm	Ant 3	ECI 4	519000	2595	code:e	23.28	24.20	1.236	-	-	0.16	0.783	0.968
	FR1 n38	40M	QPSK	50	28	DFT-SCS-30KHz	Back	15mm	Ant 3	ECI 4	519000	2595	code:e	23.26	24.20	1.242	-	-	-0.09	0.769	0.955
	FR1 n38	40M	QPSK	100	0	DFT-SCS-30KHz	Back	15mm	Ant 3	ECI 4	519000	2595	code:e	23.24	24.20	1.247	-	-	-0.16	0.634	0.791
	FR1 n38	40M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 4	ECI 3	519000	2595	-	19.25	20.20	1.245	-	-	0.06	0.633	0.788
	FR1 n38	40M	QPSK	50	28	DFT-SCS-30KHz	Front	5mm	Ant 4	ECI 3	519000	2595	-	19.12	20.20	1.282	-	-	-0.02	0.626	0.803
	FR1 n38	40M	QPSK	100	0	DFT-SCS-30KHz	Front	5mm	Ant 4	ECI 3	519000	2595	-	18.89	20.20	1.352	-	-	-0.17	0.610	0.825
	FR1 n38	40M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 4	ECI 3	519000	2595	-	19.25	20.20	1.245	-	-	-0.04	0.834	1.038
	FR1 n38	40M	QPSK	50	28	DFT-SCS-30KHz	Back	5mm	Ant 4	ECI 3	519000	2595	-	19.12	20.20	1.282	-	-	0.07	0.757	0.970
	FR1 n38	40M	QPSK	100	0	DFT-SCS-30KHz	Back	5mm	Ant 4	ECI 3	519000	2595	-	18.89	20.20	1.352	-	-	-0.17	0.738	0.998
	FR1 n38	40M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 5	ECI 3	519000	2595	-	18.61	20.00	1.377	-	-	-0.02	0.488	0.672
	FR1 n38	40M	QPSK	50	28	DFT-SCS-30KHz	Front	5mm	Ant 5	ECI 3	519000	2595	-	18.59	20.00	1.384	-	-	0.1	0.454	0.628
102	FR1 n38	40M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 5	ECI 3	519000	2595	-	18.61	20.00	1.377	-	-	-0.07	0.793	**1.092**
	FR1 n38	40M	QPSK	50	28	DFT-SCS-30KHz	Back	5mm	Ant 5	ECI 3	519000	2595	-	18.59	20.00	1.384	-	-	0.13	0.678	0.938
	FR1 n38	40M	QPSK	100	0	DFT-SCS-30KHz	Back	5mm	Ant 5	ECI 3	519000	2595	-	18.57	20.00	1.390	-	-	-0.18	0.681	0.947
	FR1 n38	40M	QPSK	1	1	DFT-SCS-30KHz	Front	12mm	Ant 5	ECI 4	519000	2595	-	24.03	25.50	1.403	-	-	0.01	0.463	0.650
	FR1 n38	40M	QPSK	50	28	DFT-SCS-30KHz	Front	12mm	Ant 5	ECI 4	519000	2595	-	23.82	25.50	1.472	-	-	-0.18	0.440	0.648
	FR1 n38	40M	QPSK	1	1	DFT-SCS-30KHz	Back	15mm	Ant 5	ECI 4	519000	2595	-	24.03	25.50	1.403	-	-	-0.07	0.305	0.428
	FR1 n38	40M	QPSK	50	28	DFT-SCS-30KHz	Back	15mm	Ant 5	ECI 4	519000	2595	-	23.82	25.50	1.472	-	-	0.11	0.441	0.649
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 2	ECI 3	518598	2592.99	code:b0	18.40	19.00	1.148	-	-	0.01	0.539	0.619
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 2	ECI 3	518598	2592.99	code:b0	18.38	19.00	1.153	-	-	-0.15	0.540	0.623
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 2	ECI 3	518598	2592.99	code:b0	18.40	19.00	1.148	-	-	0.07	0.741	0.851
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 2	ECI 3	518598	2592.99	code:b0	18.38	19.00	1.153	-	-	0.03	0.689	0.794
	FR1 n41	100M	QPSK	270	0	DFT-SCS-30KHz	Back	5mm	Ant 2	ECI 3	518598	2592.99	code:b0	18.17	19.00	1.211	-	-	-0.18	0.691	0.837
	FR1 n41_HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 2	ECI 3	518598	2592.99	code:b0	21.18	22.00	1.208	50	1.000	0.02	0.760	0.918
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 3	ECI 3	518598	2592.99	code:e	16.75	18.00	1.334	-	-	-0.15	0.536	0.715
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 3	ECI 3	518598	2592.99	code:e	16.73	18.00	1.340	-	-	0.11	0.607	0.813
	FR1 n41	100M	QPSK	270	0	DFT-SCS-30KHz	Front	5mm	Ant 3	ECI 3	518598	2592.99	code:e	16.68	18.00	1.355	-	-	-0.08	0.577	0.782
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 3	ECI 3	518598	2592.99	code:e	16.75	18.00	1.334	-	-	-0.17	0.696	0.928
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 3	ECI 3	518598	2592.99	code:e	16.73	18.00	1.340	-	-	-0.08	0.753	1.009
	FR1 n41	100M	QPSK	270	0	DFT-SCS-30KHz	Back	5mm	Ant 3	ECI 3	518598	2592.99	code:e	16.68	18.00	1.355	-	-	-0.04	0.640	0.867
103	FR1 n41_HPUE	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 3	ECI 3	518598	2592.99	code:e	19.75	21.00	1.334	50	1.000	-0.07	0.786	**1.049**
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Front	12mm	Ant 3	ECI 4	518598	2592.99	code:e	23.20	24.50	1.349	-	-	-0.08	0.742	1.001
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Front	12mm	Ant 3	ECI 4	518598	2592.99	code:e	23.18	24.50	1.355	-	-	-0.1	0.748	1.014
	FR1 n41	100M	QPSK	270	0	DFT-SCS-30KHz	Front	12mm	Ant 3	ECI 4	518598	2592.99	code:e	23.11	24.50	1.377	-	-	-0.01	0.721	0.993
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Back	15mm	Ant 3	ECI 4	518598	2592.99	code:e	23.20	24.50	1.349	-	-	-0.09	0.550	0.742
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Back	15mm	Ant 3	ECI 4	518598	2592.99	code:e	23.18	24.50	1.355	-	-	-0.06	0.639	0.866

	FR1 n41	100M	QPSK	270	0	DFT-SCS-30KHz	Back	15mm	Ant 3	ECI 4	518598	2592.99	code:e	23.11	24.50	1.377	-	-	-0.17	0.618	0.851
	FR1 n41_HPUE	100M	QPSK	135	69	DFT-SCS-30KHz	Front	12mm	Ant 3	ECI 4	518598	2592.99	code:e	26.00	27.50	1.413	50	1.000	0.02	0.741	1.047
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 4	ECI 3	518598	2592.99	-	18.97	20.00	1.268	-	-	-0.03	0.488	0.619
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 4	ECI 3	518598	2592.99	-	18.86	20.00	1.300	-	-	0.09	0.489	0.636
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 4	ECI 3	518598	2592.99	-	18.97	20.00	1.268	-	-	-0.08	0.619	0.785
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 4	ECI 3	518598	2592.99	-	18.86	20.00	1.300	-	-	-0.05	0.651	0.846
	FR1 n41	100M	QPSK	270	0	DFT-SCS-30KHz	Back	5mm	Ant 4	ECI 3	518598	2592.99	-	18.66	20.00	1.361	-	-	0.09	0.605	0.823
	FR1 n41_HPUE	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 4	ECI 3	518598	2592.99	-	21.59	23.00	1.384	50	1.000	-0.01	0.669	0.926
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 5	ECI 3	518598	2592.99	-	18.46	20.00	1.426	-	-	-0.11	0.452	0.645
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 5	ECI 3	518598	2592.99	-	18.45	20.00	1.429	-	-	-0.16	0.394	0.563
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 5	ECI 3	518598	2592.99	-	18.46	20.00	1.426	-	-	-0.15	0.648	0.924
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 5	ECI 3	518598	2592.99	-	18.45	20.00	1.429	-	-	-0.06	0.624	0.892
	FR1 n41	100M	QPSK	270	0	DFT-SCS-30KHz	Back	5mm	Ant 5	ECI 3	518598	2592.99	-	18.42	20.00	1.439	-	-	0.02	0.728	1.048
	FR1 n41_HPUE	100M	QPSK	270	0	DFT-SCS-30KHz	Back	5mm	Ant 5	ECI 3	518598	2592.99	-	21.41	23.00	1.442	50	1.000	-0.14	0.718	1.035
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Front	12mm	Ant 5	ECI 4	518598	2592.99	-	22.39	24.00	1.449	-	-	-0.01	0.333	0.483
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Front	12mm	Ant 5	ECI 4	518598	2592.99	-	22.30	24.00	1.479	-	-	-0.11	0.301	0.445
	FR1 n41	100M	QPSK	1	1	DFT-SCS-30KHz	Back	15mm	Ant 5	ECI 4	518598	2592.99	-	22.39	24.00	1.449	-	-	0.14	0.270	0.391
	FR1 n41	100M	QPSK	135	69	DFT-SCS-30KHz	Back	15mm	Ant 5	ECI 4	518598	2592.99	-	22.30	24.00	1.479	-	-	0.03	0.247	0.365
	FR1 n41_HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Front	12mm	Ant 5	ECI 4	518598	2592.99	-	25.39	27.00	1.449	50	1.000	-0.07	0.306	0.443
3500MHz																					
	LTE Band 42	20M	QPSK	1	0	-	Front	5mm	Ant 6	ECI 3	42590	3500	-	19.70	20.20	1.122	62.9	1.006	-0.19	0.721	0.814
	LTE Band 42	20M	QPSK	1	0	-	Front	5mm	Ant 6	ECI 3	42190	3460	-	19.58	20.20	1.153	62.9	1.006	0.01	0.758	0.879
	LTE Band 42	20M	QPSK	1	0	-	Front	5mm	Ant 6	ECI 3	42990	3540	-	19.53	20.20	1.167	62.9	1.006	0.06	0.664	0.780
	LTE Band 42	20M	QPSK	50	0	-	Front	5mm	Ant 6	ECI 3	42590	3500	-	19.57	20.20	1.156	62.9	1.006	0.02	0.708	0.823
	LTE Band 42	20M	QPSK	50	0	-	Front	5mm	Ant 6	ECI 3	42190	3460	-	19.45	20.20	1.189	62.9	1.006	0.12	0.750	0.897
	LTE Band 42	20M	QPSK	50	0	-	Front	5mm	Ant 6	ECI 3	42990	3540	-	19.38	20.20	1.208	62.9	1.006	-0.16	0.639	0.777
	LTE Band 42	20M	QPSK	100	0	-	Front	5mm	Ant 6	ECI 3	42590	3500	-	19.38	20.20	1.208	62.9	1.006	-0.12	0.705	0.857
	LTE Band 42	20M	QPSK	1	0	-	Back	5mm	Ant 6	ECI 3	42590	3500	-	19.70	20.20	1.122	62.9	1.006	0.07	0.901	1.017
104	LTE Band 42	20M	QPSK	1	0	-	Back	5mm	Ant 6	ECI 3	42190	3460	-	19.58	20.20	1.153	62.9	1.006	0.07	0.914	**1.060**
	LTE Band 42	20M	QPSK	1	0	-	Back	5mm	Ant 6	ECI 3	42990	3540	-	19.53	20.20	1.167	62.9	1.006	-0.02	0.794	0.932
	LTE Band 42	20M	QPSK	50	0	-	Back	5mm	Ant 6	ECI 3	42590	3500	-	19.57	20.20	1.156	62.9	1.006	-0.05	0.899	1.045
	LTE Band 42	20M	QPSK	50	0	-	Back	5mm	Ant 6	ECI 3	42190	3460	-	19.45	20.20	1.189	62.9	1.006	-0.13	0.881	1.054
	LTE Band 42	20M	QPSK	50	0	-	Back	5mm	Ant 6	ECI 3	42990	3540	-	19.38	20.20	1.208	62.9	1.006	0.08	0.785	0.954
	LTE Band 42	20M	QPSK	100	0	-	Back	5mm	Ant 6	ECI 3	42590	3500	-	19.38	20.20	1.208	62.9	1.006	0.16	0.871	1.058
	LTE Band 42	20M	QPSK	1	0	-	Front	12mm	Ant 6	ECI 4	42590	3500	-	25.14	25.70	1.138	62.9	1.006	0.1	0.267	0.306
	LTE Band 42	20M	QPSK	50	0	-	Front	12mm	Ant 6	ECI 4	42590	3500	-	24.35	24.70	1.084	62.9	1.006	0.16	0.223	0.243
	LTE Band 42	20M	QPSK	1	0	-	Back	15mm	Ant 6	ECI 4	42590	3500	-	25.14	25.70	1.138	62.9	1.006	0.03	0.315	0.361
	LTE Band 42	20M	QPSK	50	0	-	Back	15mm	Ant 6	ECI 4	42590	3500	-	24.35	24.70	1.084	62.9	1.006	-0.06	0.265	0.289
	LTE Band 42	20M	QPSK	1	0	-	Front	5mm	Ant 7	ECI 3	42590	3500	-	20.85	22.00	1.303	62.9	1.006	0.01	0.468	0.613
	LTE Band 42	20M	QPSK	50	0	-	Front	5mm	Ant 7	ECI 3	42590	3500	-	20.79	22.00	1.321	62.9	1.006	-0.16	0.466	0.619
	LTE Band 42	20M	QPSK	1	0	-	Back	5mm	Ant 7	ECI 3	42590	3500	-	20.85	22.00	1.303	62.9	1.006	0.1	0.732	0.960
	LTE Band 42	20M	QPSK	1	0	-	Back	5mm	Ant 7	ECI 3	42190	3460	-	20.73	22.00	1.340	62.9	1.006	-0.09	0.748	1.008
	LTE Band 42	20M	QPSK	1	0	-	Back	5mm	Ant 7	ECI 3	42990	3540	-	20.80	22.00	1.318	62.9	1.006	-0.04	0.719	0.953
	LTE Band 42	20M	QPSK	50	0	-	Back	5mm	Ant 7	ECI 3	42590	3500	-	20.79	22.00	1.321	62.9	1.006	-0.01	0.722	0.959
	LTE Band 42	20M	QPSK	50	0	-	Back	5mm	Ant 7	ECI 3	42190	3460	-	20.64	22.00	1.368	62.9	1.006	-0.05	0.731	1.006
	LTE Band 42	20M	QPSK	50	0	-	Back	5mm	Ant 7	ECI 3	42990	3540	-	20.60	22.00	1.380	62.9	1.006	-0.11	0.725	1.007
	LTE Band 42	20M	QPSK	100	0	-	Back	5mm	Ant 7	ECI 3	42590	3500	-	20.63	22.00	1.371	62.9	1.006	-0.06	0.714	0.985
	LTE Band 42	20M	QPSK	1	0	-	Front	12mm	Ant 7	ECI 4	42590	3500	-	24.35	25.50	1.303	62.9	1.006	0.02	0.228	0.299
	LTE Band 42	20M	QPSK	50	0	-	Front	12mm	Ant 7	ECI 4	42590	3500	-	23.52	24.50	1.253	62.9	1.006	-0.16	0.187	0.236
	LTE Band 42	20M	QPSK	1	0	-	Back	15mm	Ant 7	ECI 4	42590	3500	-	24.35	25.50	1.303	62.9	1.006	-0.08	0.322	0.422
	LTE Band 42	20M	QPSK	50	0	-	Back	15mm	Ant 7	ECI 4	42590	3500	-	23.52	24.50	1.253	62.9	1.006	0.05	0.278	0.350
	LTE Band 42	20M	QPSK	1	0	-	Front	5mm	Ant 8	ECI 3	42590	3500	-	19.33	20.50	1.309	62.9	1.006	-0.02	0.352	0.464
	LTE Band 42	20M	QPSK	50	0	-	Front	5mm	Ant 8	ECI 3	42590	3500	-	19.24	20.50	1.337	62.9	1.006	0.04	0.356	0.479
	LTE Band 42	20M	QPSK	1	0	-	Back	5mm	Ant 8	ECI 3	42590	3500	-	19.33	20.50	1.309	62.9	1.006	0.07	0.637	0.839
	LTE Band 42	20M	QPSK	1	0	-	Back	5mm	Ant 8	ECI 3	42190	3460	-	19.29	20.50	1.321	62.9	1.006	0.08	0.589	0.783

	LTE Band 42	20M	QPSK	1	0	-	Back	5mm	Ant 8	ECI 3	42990	3540	-	19.24	20.50	1.337	62.9	1.006	-0.02	0.701	0.943
	LTE Band 42	20M	QPSK	50	0	-	Back	5mm	Ant 8	ECI 3	42590	3500	-	19.24	20.50	1.337	62.9	1.006	0.07	0.641	0.862
	LTE Band 42	20M	QPSK	50	0	-	Back	5mm	Ant 8	ECI 3	42190	3460	-	19.21	20.50	1.346	62.9	1.006	0.04	0.599	0.811
	LTE Band 42	20M	QPSK	50	0	-	Back	5mm	Ant 8	ECI 3	42990	3540	-	19.19	20.50	1.352	62.9	1.006	0.08	0.684	0.930
	LTE Band 42	20M	QPSK	100	0	-	Back	5mm	Ant 8	ECI 3	42590	3500	-	19.16	20.50	1.361	62.9	1.006	0.05	0.647	0.886
	LTE Band 42	20M	QPSK	1	0	-	Front	5mm	Ant 9	ECI 3	42590	3500	-	16.17	17.50	1.358	62.9	1.006	-0.07	0.069	0.094
	LTE Band 42	20M	QPSK	50	0	-	Front	5mm	Ant 9	ECI 3	42590	3500	-	16.03	17.50	1.403	62.9	1.006	0.05	0.069	0.097
	LTE Band 42	20M	QPSK	1	0	-	Back	5mm	Ant 9	ECI 3	42590	3500	-	16.17	17.50	1.358	62.9	1.006	0.04	0.671	0.917
	LTE Band 42	20M	QPSK	1	0	-	Back	5mm	Ant 9	ECI 3	42190	3460	-	15.95	17.50	1.429	62.9	1.006	-0.02	0.620	0.891
	LTE Band 42	20M	QPSK	1	0	-	Back	5mm	Ant 9	ECI 3	42990	3540	-	16.04	17.50	1.400	62.9	1.006	0.04	0.696	0.980
	LTE Band 42	20M	QPSK	50	0	-	Back	5mm	Ant 9	ECI 3	42590	3500	-	16.03	17.50	1.403	62.9	1.006	0.07	0.674	0.951
	LTE Band 42	20M	QPSK	50	0	-	Back	5mm	Ant 9	ECI 3	42190	3460	-	15.87	17.50	1.455	62.9	1.006	0.05	0.631	0.924
	LTE Band 42	20M	QPSK	50	0	-	Back	5mm	Ant 9	ECI 3	42990	3540	-	15.93	17.50	1.435	62.9	1.006	-0.04	0.721	1.041
	LTE Band 42	20M	QPSK	100	0	-	Back	5mm	Ant 9	ECI 3	42590	3500	-	15.98	17.50	1.419	62.9	1.006	-0.02	0.674	0.962
	LTE Band 42	20M	QPSK	1	0	-	Front	12mm	Ant 9	ECI 4	42590	3500	-	23.67	25.00	1.358	62.9	1.006	-0.03	0.091	0.124
	LTE Band 42	20M	QPSK	50	0	-	Front	12mm	Ant 9	ECI 4	42590	3500	-	22.87	24.00	1.297	62.9	1.006	0.17	0.090	0.117
	LTE Band 42	20M	QPSK	1	0	-	Back	15mm	Ant 9	ECI 4	42590	3500	-	23.67	25.00	1.358	62.9	1.006	0.19	0.348	0.475
	LTE Band 42	20M	QPSK	50	0	-	Back	15mm	Ant 9	ECI 4	42590	3500	-	22.87	24.00	1.297	62.9	1.006	-0.15	0.299	0.390
	LTE Band 48	20M	QPSK	1	0	-	Front	5mm	Ant 6	ECI 3	55830	3609	-	20.32	21.00	1.169	62.9	1.006	0.08	0.512	0.602
	LTE Band 48	20M	QPSK	1	0	-	Front	5mm	Ant 6	ECI 3	55340	3560	-	20.09	21.00	1.233	62.9	1.006	0.01	0.595	0.738
	LTE Band 48	20M	QPSK	1	0	-	Front	5mm	Ant 6	ECI 3	56150	3641	-	20.23	21.00	1.194	62.9	1.006	0.03	0.495	0.595
	LTE Band 48	20M	QPSK	1	0	-	Front	5mm	Ant 6	ECI 3	56640	3690	-	20.21	21.00	1.199	62.9	1.006	-0.08	0.432	0.521
	LTE Band 48	20M	QPSK	50	0	-	Front	5mm	Ant 6	ECI 3	55830	3609	-	20.25	21.00	1.189	62.9	1.006	-0.08	0.508	0.608
	LTE Band 48	20M	QPSK	50	0	-	Front	5mm	Ant 6	ECI 3	55340	3560	-	20.03	21.00	1.250	62.9	1.006	0.1	0.584	0.734
	LTE Band 48	20M	QPSK	50	0	-	Front	5mm	Ant 6	ECI 3	56150	3641	-	20.06	21.00	1.242	62.9	1.006	-0.18	0.482	0.602
	LTE Band 48	20M	QPSK	50	0	-	Front	5mm	Ant 6	ECI 3	56640	3690	-	20.14	21.00	1.219	62.9	1.006	0.1	0.420	0.515
	LTE Band 48	20M	QPSK	100	0	-	Front	5mm	Ant 6	ECI 3	55830	3609	-	20.02	21.00	1.253	62.9	1.006	0.12	0.441	0.556
	LTE Band 48	20M	QPSK	1	0	-	Back	5mm	Ant 6	ECI 3	55830	3609	-	20.32	21.00	1.169	62.9	1.006	0.01	0.773	0.909
	LTE Band 48	20M	QPSK	1	0	-	Back	5mm	Ant 6	ECI 3	55340	3560	-	20.09	21.00	1.233	62.9	1.006	-0.17	0.730	0.905
	LTE Band 48	20M	QPSK	1	0	-	Back	5mm	Ant 6	ECI 3	56150	3641	-	20.23	21.00	1.194	62.9	1.006	-0.03	0.666	0.800
	LTE Band 48	20M	QPSK	1	0	-	Back	5mm	Ant 6	ECI 3	56640	3690	-	20.21	21.00	1.199	62.9	1.006	0.14	0.585	0.706
	LTE Band 48	20M	QPSK	50	0	-	Back	5mm	Ant 6	ECI 3	55830	3609	-	20.25	21.00	1.189	62.9	1.006	0.11	0.731	0.874
	LTE Band 48	20M	QPSK	50	0	-	Back	5mm	Ant 6	ECI 3	55340	3560	-	20.03	21.00	1.250	62.9	1.006	-0.05	0.707	0.889
	LTE Band 48	20M	QPSK	50	0	-	Back	5mm	Ant 6	ECI 3	56150	3641	-	20.06	21.00	1.242	62.9	1.006	0.18	0.666	0.832
	LTE Band 48	20M	QPSK	50	0	-	Back	5mm	Ant 6	ECI 3	56640	3690	-	20.14	21.00	1.219	62.9	1.006	0.14	0.587	0.720
	LTE Band 48	20M	QPSK	100	0	-	Back	5mm	Ant 6	ECI 3	55830	3609	-	20.02	21.00	1.253	62.9	1.006	-0.17	0.684	0.862
	LTE Band 48	20M	QPSK	1	0	-	Front	12mm	Ant 6	ECI 4	55830	3609	-	23.80	24.50	1.175	62.9	1.006	0.16	0.327	0.387
	LTE Band 48	20M	QPSK	50	0	-	Front	12mm	Ant 6	ECI 4	55830	3609	-	22.96	23.50	1.132	62.9	1.006	0.05	0.271	0.309
	LTE Band 48	20M	QPSK	1	0	-	Back	15mm	Ant 6	ECI 4	55830	3609	-	23.80	24.50	1.175	62.9	1.006	-0.03	0.158	0.187
	LTE Band 48	20M	QPSK	50	0	-	Back	15mm	Ant 6	ECI 4	55830	3609	-	22.96	23.50	1.132	62.9	1.006	-0.06	0.140	0.159
	LTE Band 48	20M	QPSK	1	0	-	Front	5mm	Ant 7	ECI 3	55830	3609	-	20.33	21.50	1.309	62.9	1.006	0.17	0.426	0.561
	LTE Band 48	20M	QPSK	50	0	-	Front	5mm	Ant 7	ECI 3	55830	3609	-	20.29	21.50	1.321	62.9	1.006	-0.05	0.418	0.555
	LTE Band 48	20M	QPSK	1	0	-	Back	5mm	Ant 7	ECI 3	55830	3609	-	20.33	21.50	1.309	62.9	1.006	0.01	0.740	0.974
	LTE Band 48	20M	QPSK	1	0	-	Back	5mm	Ant 7	ECI 3	55340	3560	-	20.19	21.50	1.352	62.9	1.006	0.1	0.722	0.982
	LTE Band 48	20M	QPSK	1	0	-	Back	5mm	Ant 7	ECI 3	56150	3641	-	20.28	21.50	1.324	62.9	1.006	-0.03	0.780	1.039
	LTE Band 48	20M	QPSK	1	0	-	Back	5mm	Ant 7	ECI 3	56640	3690	-	20.21	21.50	1.346	62.9	1.006	-0.17	0.754	1.021
	LTE Band 48	20M	QPSK	50	0	-	Back	5mm	Ant 7	ECI 3	55830	3609	-	20.29	21.50	1.321	62.9	1.006	0.04	0.742	0.986
	LTE Band 48	20M	QPSK	50	0	-	Back	5mm	Ant 7	ECI 3	55340	3560	-	20.06	21.50	1.393	62.9	1.006	-0.01	0.721	1.010
	LTE Band 48	20M	QPSK	50	0	-	Back	5mm	Ant 7	ECI 3	56150	3641	-	20.07	21.50	1.390	62.9	1.006	-0.08	0.736	1.029
	LTE Band 48	20M	QPSK	50	0	-	Back	5mm	Ant 7	ECI 3	56640	3690	-	19.97	21.50	1.422	62.9	1.006	0.05	0.721	1.031
	LTE Band 48	20M	QPSK	100	0	-	Back	5mm	Ant 7	ECI 3	55830	3609	-	20.01	21.50	1.409	62.9	1.006	0.06	0.725	1.028
	LTE Band 48	20M	QPSK	1	0	-	Front	12mm	Ant 7	ECI 4	55830	3609	-	22.81	24.00	1.315	62.9	1.006	-0.13	0.168	0.222
	LTE Band 48	20M	QPSK	50	0	-	Front	12mm	Ant 7	ECI 4	55830	3609	-	21.97	23.00	1.268	62.9	1.006	-0.01	0.137	0.175
	LTE Band 48	20M	QPSK	1	0	-	Back	15mm	Ant 7	ECI 4	55830	3609	-	22.81	24.00	1.315	62.9	1.006	0.02	0.240	0.317
	LTE Band 48	20M	QPSK	50	0	-	Back	15mm	Ant 7	ECI 4	55830	3609	-	21.97	23.00	1.268	62.9	1.006	-0.11	0.211	0.269
	LTE Band 48	20M	QPSK	1	0	-	Front	5mm	Ant 8	ECI 3	55830	3609	-	19.35	20.50	1.303	62.9	1.006	0.08	0.367	0.481

	LTE Band 48	20M	QPSK	50	0	-	Front	5mm	Ant 8	ECI 3	55830	3609	-	19.24	20.50	1.337	62.9	1.006	0.01	0.359	0.483
	LTE Band 48	20M	QPSK	1	0	-	Back	5mm	Ant 8	ECI 3	55830	3609	-	19.35	20.50	1.303	62.9	1.006	0.03	0.685	0.898
	LTE Band 48	20M	QPSK	1	0	-	Back	5mm	Ant 8	ECI 3	55340	3560	-	19.24	20.50	1.337	62.9	1.006	-0.08	0.651	0.876
	LTE Band 48	20M	QPSK	1	0	-	Back	5mm	Ant 8	ECI 3	56150	3641	-	19.26	20.50	1.330	62.9	1.006	-0.08	0.702	0.939
	LTE Band 48	20M	QPSK	1	0	-	Back	5mm	Ant 8	ECI 3	56640	3690	-	19.22	20.50	1.343	62.9	1.006	-0.05	0.714	0.965
	LTE Band 48	20M	QPSK	50	0	-	Back	5mm	Ant 8	ECI 3	55830	3609	-	19.24	20.50	1.337	62.9	1.006	0.1	0.676	0.909
	LTE Band 48	20M	QPSK	50	0	-	Back	5mm	Ant 8	ECI 3	55340	3560	-	19.03	20.50	1.403	62.9	1.006	-0.18	0.640	0.903
	LTE Band 48	20M	QPSK	50	0	-	Back	5mm	Ant 8	ECI 3	56150	3641	-	19.10	20.50	1.380	62.9	1.006	0.1	0.691	0.959
	LTE Band 48	20M	QPSK	50	0	-	Back	5mm	Ant 8	ECI 3	56640	3690	-	19.18	20.50	1.355	62.9	1.006	0.12	0.698	0.951
	LTE Band 48	20M	QPSK	100	0	-	Back	5mm	Ant 8	ECI 3	55830	3609	-	19.12	20.50	1.374	62.9	1.006	0.08	0.679	0.939
	LTE Band 48	20M	QPSK	1	0	-	Front	5mm	Ant 9	ECI 3	55830	3609	-	14.82	16.00	1.312	62.9	1.006	-0.09	0.042	0.055
	LTE Band 48	20M	QPSK	50	0	-	Front	5mm	Ant 9	ECI 3	55830	3609	-	14.71	16.00	1.346	62.9	1.006	-0.08	0.040	0.054
	LTE Band 48	20M	QPSK	1	0	-	Back	5mm	Ant 9	ECI 3	55830	3609	-	14.82	16.00	1.312	62.9	1.006	0.13	0.695	0.917
	LTE Band 48	20M	QPSK	1	0	-	Back	5mm	Ant 9	ECI 3	55340	3560	-	14.69	16.00	1.352	62.9	1.006	0.12	0.545	0.741
	LTE Band 48	20M	QPSK	1	0	-	Back	5mm	Ant 9	ECI 3	56150	3641	-	14.70	16.00	1.349	62.9	1.006	0.03	0.778	1.056
105	LTE Band 48	20M	QPSK	1	0	-	Back	5mm	Ant 9	ECI 3	56640	3690	-	14.74	16.00	1.337	62.9	1.006	-0.06	0.811	**1.091**
	LTE Band 48	20M	QPSK	50	0	-	Back	5mm	Ant 9	ECI 3	55830	3609	-	14.71	16.00	1.346	62.9	1.006	0.16	0.690	0.934
	LTE Band 48	20M	QPSK	50	0	-	Back	5mm	Ant 9	ECI 3	55340	3560	-	14.50	16.00	1.413	62.9	1.006	-0.1	0.545	0.775
	LTE Band 48	20M	QPSK	50	0	-	Back	5mm	Ant 9	ECI 3	56150	3641	-	14.53	16.00	1.403	62.9	1.006	0.07	0.712	1.005
	LTE Band 48	20M	QPSK	50	0	-	Back	5mm	Ant 9	ECI 3	56640	3690	-	14.63	16.00	1.371	62.9	1.006	0.18	0.769	1.061
	LTE Band 48	20M	QPSK	100	0	-	Back	5mm	Ant 9	ECI 3	55830	3609	-	14.55	16.00	1.396	62.9	1.006	-0.1	0.705	0.990
	LTE Band 48	20M	QPSK	1	0	-	Front	12mm	Ant 9	ECI 4	55830	3609	-	22.28	23.50	1.324	62.9	1.006	-0.06	0.058	0.077
	LTE Band 48	20M	QPSK	50	0	-	Front	12mm	Ant 9	ECI 4	55830	3609	-	21.49	22.50	1.262	62.9	1.006	0.02	0.050	0.063
	LTE Band 48	20M	QPSK	1	0	-	Back	15mm	Ant 9	ECI 4	55830	3609	-	22.28	23.50	1.324	62.9	1.006	0.02	0.348	0.464
	LTE Band 48	20M	QPSK	50	0	-	Back	15mm	Ant 9	ECI 4	55830	3609	-	21.49	22.50	1.262	62.9	1.006	0.16	0.303	0.385
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 6	ECI 3	641666	3624.99	-	16.99	17.50	1.125	-	-	-0.02	0.516	0.581
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Front	5mm	Ant 6	ECI 3	641666	3624.99	-	16.95	17.50	1.135	-	-	0.02	0.483	0.548
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 6	ECI 3	641666	3624.99	-	16.99	17.50	1.125	-	-	-0.02	0.727	0.818
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 6	ECI 3	638000	3570	-	16.80	17.50	1.175	-	-	-0.01	0.756	0.888
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 6	ECI 3	645332	3679.98	-	16.64	17.50	1.219	-	-	-0.02	0.693	0.845
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Back	5mm	Ant 6	ECI 3	641666	3624.99	-	16.95	17.50	1.135	-	-	-0.03	0.757	0.859
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Back	5mm	Ant 6	ECI 3	638000	3570	-	16.83	17.50	1.167	-	-	0.02	0.773	0.902
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Back	5mm	Ant 6	ECI 3	645332	3679.98	-	16.66	17.50	1.213	-	-	0.01	0.716	0.869
	FR1 n48	40M	QPSK	100	0	DFT-SCS-30KHz	Back	5mm	Ant 6	ECI 3	641666	3624.99	-	16.86	17.50	1.159	-	-	0.03	0.634	0.735
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Front	12mm	Ant 6	ECI 4	641666	3624.99	-	23.94	24.50	1.138	-	-	0.12	0.578	0.658
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Front	12mm	Ant 6	ECI 4	641666	3624.99	-	23.77	24.50	1.183	-	-	0.08	0.590	0.698
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Back	15mm	Ant 6	ECI 4	641666	3624.99	-	23.94	24.50	1.138	-	-	-0.05	0.394	0.448
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Back	15mm	Ant 6	ECI 4	641666	3624.99	-	23.77	24.50	1.183	-	-	-0.17	0.377	0.446
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 7	ECI 3	641666	3624.99	-	17.54	18.50	1.247	-	-	-0.03	0.452	0.564
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Front	5mm	Ant 7	ECI 3	641666	3624.99	-	17.44	18.50	1.276	-	-	0.01	0.405	0.517
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 7	ECI 3	641666	3624.99	-	17.54	18.50	1.247	-	-	-0.06	0.740	0.923
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 7	ECI 3	638000	3570	-	17.47	18.50	1.268	-	-	-0.01	0.706	0.895
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 7	ECI 3	645332	3679.98	-	17.49	18.50	1.262	-	-	0.01	0.674	0.851
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Back	5mm	Ant 7	ECI 3	641666	3624.99	-	17.44	18.50	1.276	-	-	0.18	0.719	0.917
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Back	5mm	Ant 7	ECI 3	638000	3570	-	17.34	18.50	1.306	-	-	0.01	0.704	0.919
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Back	5mm	Ant 7	ECI 3	645332	3679.98	-	17.35	18.50	1.303	-	-	-0.01	0.706	0.920
	FR1 n48	40M	QPSK	100	0	DFT-SCS-30KHz	Back	5mm	Ant 7	ECI 3	641666	3624.99	-	17.26	18.50	1.330	-	-	-0.01	0.681	0.906
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Front	12mm	Ant 7	ECI 4	641666	3624.99	-	23.02	24.00	1.253	-	-	-0.03	0.299	0.375
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Front	12mm	Ant 7	ECI 4	641666	3624.99	-	22.79	24.00	1.321	-	-	0.14	0.292	0.386
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Back	15mm	Ant 7	ECI 4	641666	3624.99	-	23.02	24.00	1.253	-	-	0.11	0.556	0.697
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Back	15mm	Ant 7	ECI 4	641666	3624.99	-	22.79	24.00	1.321	-	-	-0.09	0.566	0.748
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 8	ECI 3	641666	3624.99	-	17.80	18.50	1.175	-	-	-0.06	0.359	0.422
	FR1 n48	40M	QPSK	50	28	DFT-SCS-30KHz	Front	5mm	Ant 8	ECI 3	641666	3624.99	-	17.68	18.50	1.208	-	-	-0.08	0.325	0.393
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 8	ECI 3	641666	3624.99	-	17.80	18.50	1.175	-	-	-0.09	0.565	0.664
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 8	ECI 3	638000	3570	-	17.76	18.50	1.186	-	-	-0.11	0.587	0.696
	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 8	ECI 3	645332	3679.98	-	17.68	18.50	1.208	-	-	-0.08	0.612	0.739

	FR1 n48	40M	QPSK	50	28	DFT-S-CS-30KHz	Back	5mm	Ant 8	ECI 3	641666	3624.99	-	17.68	18.50	1.208	-	-	-0.06	0.596	0.720
	FR1 n48	40M	QPSK	50	28	DFT-S-CS-30KHz	Back	5mm	Ant 8	ECI 3	638000	3570	-	17.59	18.50	1.233	-	-	-0.09	0.571	0.704
	FR1 n48	40M	QPSK	50	28	DFT-S-CS-30KHz	Back	5mm	Ant 8	ECI 3	645332	3679.98	-	17.58	18.50	1.236	-	-	-0.14	0.522	0.645
	FR1 n48	40M	QPSK	100	0	DFT-S-CS-30KHz	Back	5mm	Ant 8	ECI 3	641666	3624.99	-	17.51	18.50	1.256	-	-	-0.13	0.534	0.671
	FR1 n48	40M	QPSK	1	1	DFT-S-CS-30KHz	Front	5mm	Ant 9	ECI 3	641666	3624.99	-	12.54	13.50	1.247	-	-	-0.12	0.038	0.047
	FR1 n48	40M	QPSK	50	28	DFT-S-CS-30KHz	Front	5mm	Ant 9	ECI 3	641666	3624.99	-	12.49	13.50	1.262	-	-	-0.11	0.032	0.040
	FR1 n48	40M	QPSK	1	1	DFT-S-CS-30KHz	Back	5mm	Ant 9	ECI 3	641666	3624.99	-	12.54	13.50	1.247	-	-	-0.08	0.644	0.803
	FR1 n48	40M	QPSK	1	1	DFT-S-CS-30KHz	Back	5mm	Ant 9	ECI 3	638000	3570	-	12.50	13.50	1.259	-	-	-0.12	0.619	0.779
	FR1 n48	40M	QPSK	1	1	DFT-S-CS-30KHz	Back	5mm	Ant 9	ECI 3	645332	3679.98	-	12.50	13.50	1.259	-	-	-0.13	0.716	0.901
	FR1 n48	40M	QPSK	50	28	DFT-S-CS-30KHz	Back	5mm	Ant 9	ECI 3	641666	3624.99	-	12.49	13.50	1.262	-	-	-0.1	0.668	0.843
	FR1 n48	40M	QPSK	50	28	DFT-S-CS-30KHz	Back	5mm	Ant 9	ECI 3	638000	3570	-	12.38	13.50	1.294	-	-	-0.08	0.595	0.770
	FR1 n48	40M	QPSK	50	28	DFT-S-CS-30KHz	Back	5mm	Ant 9	ECI 3	645332	3679.98	-	12.34	13.50	1.306	-	-	-0.07	0.644	0.841
106	FR1 n48	40M	QPSK	100	0	DFT-S-CS-30KHz	Back	5mm	Ant 9	ECI 3	641666	3624.99	-	12.47	13.50	1.268	-	-	-0.07	0.764	**0.969**
	FR1 n48	40M	QPSK	1	1	DFT-S-CS-30KHz	Front	12mm	Ant 9	ECI 4	641666	3624.99	-	21.82	23.00	1.312	-	-	0.08	0.083	0.109
	FR1 n48	40M	QPSK	50	28	DFT-S-CS-30KHz	Front	12mm	Ant 9	ECI 4	641666	3624.99	-	21.77	23.00	1.327	-	-	0.01	0.072	0.096
	FR1 n48	40M	QPSK	1	1	DFT-S-CS-30KHz	Back	15mm	Ant 9	ECI 4	641666	3624.99	-	21.82	23.00	1.312	-	-	0.03	0.718	0.942
	FR1 n48	40M	QPSK	1	1	DFT-S-CS-30KHz	Back	15mm	Ant 9	ECI 4	638000	3570	-	21.76	23.00	1.330	-	-	-0.08	0.700	0.931
	FR1 n48	40M	QPSK	1	1	DFT-S-CS-30KHz	Back	15mm	Ant 9	ECI 4	645332	3679.98	-	21.75	23.00	1.334	-	-	0.15	0.716	0.955
	FR1 n48	40M	QPSK	50	28	DFT-S-CS-30KHz	Back	15mm	Ant 9	ECI 4	641666	3624.99	-	21.77	23.00	1.327	-	-	-0.08	0.722	0.958
	FR1 n48	40M	QPSK	50	28	DFT-S-CS-30KHz	Back	15mm	Ant 9	ECI 4	638000	3570	-	21.71	23.00	1.346	-	-	0.1	0.653	0.879
	FR1 n48	40M	QPSK	50	28	DFT-S-CS-30KHz	Back	15mm	Ant 9	ECI 4	645332	3679.98	-	21.74	23.00	1.337	-	-	-0.18	0.722	0.965
	FR1 n48	40M	QPSK	100	0	DFT-S-CS-30KHz	Back	15mm	Ant 9	ECI 4	641666	3624.99	-	21.01	22.50	1.409	-	-	0.1	0.593	0.836
	FR1 n77	100M	QPSK	1	1	DFT-S-CS-30KHz	Front	5mm	Ant 6	ECI 3	656000	3840	-	15.58	16.50	1.236	-	-	-0.08	0.273	0.337
	FR1 n77	100M	QPSK	135	69	DFT-S-CS-30KHz	Front	5mm	Ant 6	ECI 3	656000	3840	-	15.56	16.50	1.242	-	-	-0.11	0.283	0.351
	FR1 n77	100M	QPSK	1	1	DFT-S-CS-30KHz	Back	5mm	Ant 6	ECI 3	656000	3840	-	15.58	16.50	1.236	-	-	-0.12	0.397	0.491
	FR1 n77	100M	QPSK	135	69	DFT-S-CS-30KHz	Back	5mm	Ant 6	ECI 3	656000	3840	-	15.56	16.50	1.242	-	-	-0.08	0.362	0.450
	FR1 n77_HPUE	100M	QPSK	1	1	DFT-S-CS-30KHz	Back	5mm	Ant 6	ECI 3	656000	3840	-	18.79	19.50	1.178	50	1.000	0.01	0.419	0.494
	FR1 n77	100M	QPSK	1	1	DFT-S-CS-30KHz	Front	12mm	Ant 6	ECI 4	656000	3840	-	22.53	23.50	1.250	-	-	0.08	0.371	0.464
	FR1 n77	100M	QPSK	135	69	DFT-S-CS-30KHz	Front	12mm	Ant 6	ECI 4	656000	3840	-	22.49	23.50	1.262	-	-	0.01	0.312	0.394
	FR1 n77	100M	QPSK	1	1	DFT-S-CS-30KHz	Back	15mm	Ant 6	ECI 4	656000	3840	-	22.53	23.50	1.250	-	-	0.03	0.264	0.330
	FR1 n77	100M	QPSK	135	69	DFT-S-CS-30KHz	Back	15mm	Ant 6	ECI 4	656000	3840	-	22.49	23.50	1.262	-	-	-0.08	0.218	0.275
	FR1 n77_HPUE	100M	QPSK	1	1	DFT-S-CS-30KHz	Front	12mm	Ant 6	ECI 4	656000	3840	-	25.72	26.50	1.197	50	1.000	0.06	0.355	0.425
	FR1 n77	100M	QPSK	1	1	DFT-S-CS-30KHz	Front	5mm	Ant 6	ECI 3	633332	3499.98	-	15.51	16.50	1.256	-	-	-0.12	0.434	0.545
	FR1 n77	100M	QPSK	135	69	DFT-S-CS-30KHz	Front	5mm	Ant 6	ECI 3	633332	3499.98	-	15.48	16.50	1.265	-	-	-0.07	0.461	0.583
	FR1 n77	100M	QPSK	1	1	DFT-S-CS-30KHz	Back	5mm	Ant 6	ECI 3	633332	3499.98	-	15.51	16.50	1.256	-	-	-0.1	0.746	0.937
	FR1 n77	100M	QPSK	135	69	DFT-S-CS-30KHz	Back	5mm	Ant 6	ECI 3	633332	3499.98	-	15.48	16.50	1.265	-	-	-0.12	0.695	0.879
	FR1 n77	100M	QPSK	270	0	DFT-S-CS-30KHz	Back	5mm	Ant 6	ECI 3	633332	3499.98	-	15.44	16.50	1.276	-	-	-0.1	0.662	0.845
	FR1 n77_HPUE	100M	QPSK	1	1	DFT-S-CS-30KHz	Back	5mm	Ant 6	ECI 3	633332	3499.98	-	18.85	19.50	1.161	50	1.000	-0.07	0.812	0.943
	FR1 n77	100M	QPSK	1	1	DFT-S-CS-30KHz	Front	12mm	Ant 6	ECI 4	633332	3499.98	-	22.56	23.50	1.242	-	-	-0.08	0.531	0.660
	FR1 n77	100M	QPSK	135	69	DFT-S-CS-30KHz	Front	12mm	Ant 6	ECI 4	633332	3499.98	-	22.48	23.50	1.265	-	-	0.1	0.537	0.679
	FR1 n77	100M	QPSK	1	1	DFT-S-CS-30KHz	Back	15mm	Ant 6	ECI 4	633332	3499.98	-	22.56	23.50	1.242	-	-	-0.18	0.324	0.402
	FR1 n77	100M	QPSK	135	69	DFT-S-CS-30KHz	Back	15mm	Ant 6	ECI 4	633332	3499.98	-	22.48	23.50	1.265	-	-	0.1	0.327	0.414
	FR1 n77_HPUE	100M	QPSK	135	69	DFT-S-CS-30KHz	Front	12mm	Ant 6	ECI 4	633332	3499.98	-	25.64	26.50	1.219	50	1.000	0.08	0.513	0.625
	FR1 n77	100M	QPSK	1	1	DFT-S-CS-30KHz	Front	5mm	Ant 7	ECI 3	656000	3840	-	17.59	19.00	1.384	-	-	-0.14	0.281	0.389
	FR1 n77	100M	QPSK	135	69	DFT-S-CS-30KHz	Front	5mm	Ant 7	ECI 3	656000	3840	-	17.50	19.00	1.413	-	-	-0.1	0.342	0.483
	FR1 n77	100M	QPSK	1	1	DFT-S-CS-30KHz	Back	5mm	Ant 7	ECI 3	656000	3840	-	17.59	19.00	1.384	-	-	-0.06	0.412	0.570
	FR1 n77	100M	QPSK	135	69	DFT-S-CS-30KHz	Back	5mm	Ant 7	ECI 3	656000	3840	-	17.50	19.00	1.413	-	-	-0.11	0.387	0.547
	FR1 n77_HPUE	100M	QPSK	1	1	DFT-S-CS-30KHz	Back	5mm	Ant 7	ECI 3	656000	3840	-	20.50	22.00	1.413	50	1.000	-0.06	0.427	0.603
	FR1 n77	100M	QPSK	1	1	DFT-S-CS-30KHz	Front	12mm	Ant 7	ECI 4	656000	3840	-	22.41	23.50	1.285	-	-	0.12	0.319	0.410
	FR1 n77	100M	QPSK	135	69	DFT-S-CS-30KHz	Front	12mm	Ant 7	ECI 4	656000	3840	-	22.38	23.50	1.294	-	-	0.08	0.299	0.387
	FR1 n77	100M	QPSK	1	1	DFT-S-CS-30KHz	Back	15mm	Ant 7	ECI 4	656000	3840	-	22.41	23.50	1.285	-	-	-0.17	0.302	0.388
	FR1 n77	100M	QPSK	135	69	DFT-S-CS-30KHz	Back	15mm	Ant 7	ECI 4	656000	3840	-	22.38	23.50	1.294	-	-	-0.03	0.239	0.309
	FR1 n77_HPUE	100M	QPSK	1	1	DFT-S-CS-30KHz	Front	12mm	Ant 7	ECI 4	656000	3840	-	25.10	26.50	1.380	50	1.000	-0.02	0.323	0.446
	FR1 n77	100M	QPSK	1	1	DFT-S-CS-30KHz	Front	5mm	Ant 7	ECI 3	633332	3499.98	-	17.86	19.00	1.300	-	-	-0.13	0.305	0.397

	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 7	ECI 3	633332	3499.98	-	17.78	19.00	1.324	-	-	-0.11	0.348	0.461
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 7	ECI 3	633332	3499.98	-	17.86	19.00	1.300	-	-	-0.1	0.588	0.764
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 7	ECI 3	633332	3499.98	-	17.78	19.00	1.324	-	-	-0.14	0.605	0.801
	FR1 n77	100M	QPSK	270	0	DFT-SCS-30KHz	Back	5mm	Ant 7	ECI 3	633332	3499.98	-	17.77	19.00	1.327	-	-	-0.03	0.591	0.784
	FR1 n77_HPUE	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 7	ECI 3	633332	3499.98	-	20.63	22.00	1.371	50	1.000	-0.04	0.621	0.851
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Front	12mm	Ant 7	ECI 4	633332	3499.98	-	21.91	23.50	1.442	-	-	0.14	0.261	0.376
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Front	12mm	Ant 7	ECI 4	633332	3499.98	-	21.87	23.50	1.455	-	-	0.11	0.243	0.354
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Back	15mm	Ant 7	ECI 4	633332	3499.98	-	21.91	23.50	1.442	-	-	-0.05	0.409	0.590
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Back	15mm	Ant 7	ECI 4	633332	3499.98	-	21.87	23.50	1.455	-	-	0.18	0.451	0.656
	FR1 n77_HPUE	100M	QPSK	135	69	DFT-SCS-30KHz	Back	15mm	Ant 7	ECI 4	633332	3499.98	-	24.81	26.50	1.476	50	1.000	-0.03	0.480	0.708
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 8	ECI 3	656000	3840	-	17.91	19.00	1.285	-	-	-0.08	0.432	0.555
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 8	ECI 3	656000	3840	-	17.80	19.00	1.318	-	-	-0.08	0.341	0.449
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 8	ECI 3	656000	3840	-	17.91	19.00	1.285	-	-	-0.11	0.765	0.983
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 8	ECI 3	656000	3840	-	17.80	19.00	1.318	-	-	-0.11	0.694	0.915
	FR1 n77	100M	QPSK	270	0	DFT-SCS-30KHz	Back	5mm	Ant 8	ECI 3	656000	3840	-	17.71	19.00	1.346	-	-	-0.09	0.688	0.926
	FR1 n77_HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 8	ECI 3	656000	3840	-	20.66	22.00	1.361	50	1.000	0.03	0.783	1.066
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 8	ECI 3	633332	3499.98	-	17.92	19.00	1.282	-	-	-0.07	0.387	0.496
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 8	ECI 3	633332	3499.98	-	17.89	19.00	1.291	-	-	-0.12	0.425	0.549
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 8	ECI 3	633332	3499.98	-	17.92	19.00	1.282	-	-	-0.14	0.757	0.970
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 8	ECI 3	633332	3499.98	-	17.89	19.00	1.291	-	-	-0.14	0.781	1.008
	FR1 n77	100M	QPSK	270	0	DFT-SCS-30KHz	Back	5mm	Ant 8	ECI 3	633332	3499.98	-	17.85	19.00	1.303	-	-	-0.14	0.691	0.900
107	FR1 n77_HPUE	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 8	ECI 3	633332	3499.98	-	20.31	22.00	1.476	50	1.000	-0.03	0.739	**1.091**
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 9	ECI 3	656000	3840	-	11.42	13.00	1.439	-	-	-0.06	0.006	0.009
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 9	ECI 3	656000	3840	-	11.38	13.00	1.452	-	-	-0.14	0.001	0.001
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 9	ECI 3	656000	3840	-	11.42	13.00	1.439	-	-	-0.13	0.757	1.089
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 9	ECI 3	656000	3840	-	11.38	13.00	1.452	-	-	-0.06	0.650	0.944
	FR1 n77	100M	QPSK	270	0	DFT-SCS-30KHz	Back	5mm	Ant 9	ECI 3	656000	3840	-	11.34	13.00	1.466	-	-	-0.06	0.734	1.076
	FR1 n77_HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 9	ECI 3	656000	3840	-	14.43	16.00	1.435	50	1.000	-0.09	0.705	1.012
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Front	12mm	Ant 9	ECI 4	656000	3840	-	21.36	23.00	1.459	-	-	-	0.000	0.000
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Front	12mm	Ant 9	ECI 4	656000	3840	-	21.27	23.00	1.489	-	-	-	0.000	0.000
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Back	15mm	Ant 9	ECI 4	656000	3840	-	21.36	23.00	1.459	-	-	0.17	0.693	1.011
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Back	15mm	Ant 9	ECI 4	656000	3840	-	21.27	23.00	1.489	-	-	-0.05	0.589	0.877
	FR1 n77	100M	QPSK	270	0	DFT-SCS-30KHz	Back	15mm	Ant 9	ECI 4	656000	3840	-	21.20	23.00	1.514	-	-	0.01	0.615	0.931
	FR1 n77_HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Back	15mm	Ant 9	ECI 4	656000	3840	-	24.71	26.00	1.346	50	1.000	-0.06	0.753	1.014
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 9	ECI 3	633332	3499.98	-	11.75	13.00	1.334	-	-	-0.1	0.041	0.055
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 9	ECI 3	633332	3499.98	-	11.65	13.00	1.365	-	-	-0.11	0.047	0.064
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 9	ECI 3	633332	3499.98	-	11.75	13.00	1.334	-	-	-0.08	0.432	0.576
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 9	ECI 3	633332	3499.98	-	11.65	13.00	1.365	-	-	-0.05	0.488	0.666
	FR1 n77	100M	QPSK	270	0	DFT-SCS-30KHz	Back	5mm	Ant 9	ECI 3	633332	3499.98	-	11.51	13.00	1.409	-	-	-0.13	0.509	0.717
	FR1 n77_HPUE	100M	QPSK	270	0	DFT-SCS-30KHz	Back	5mm	Ant 9	ECI 3	633332	3499.98	-	14.48	16.00	1.419	50	1.000	-0.09	0.548	0.778
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Front	12mm	Ant 9	ECI 4	633332	3499.98	-	21.30	23.00	1.479	-	-	0.1	0.088	0.130
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Front	12mm	Ant 9	ECI 4	633332	3499.98	-	21.23	23.00	1.503	-	-	-0.17	0.087	0.131
	FR1 n77	100M	QPSK	1	1	DFT-SCS-30KHz	Back	15mm	Ant 9	ECI 4	633332	3499.98	-	21.30	23.00	1.479	-	-	0.04	0.484	0.716
	FR1 n77	100M	QPSK	135	69	DFT-SCS-30KHz	Back	15mm	Ant 9	ECI 4	633332	3499.98	-	21.23	23.00	1.503	-	-	-0.01	0.466	0.700
	FR1 n77_HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Back	15mm	Ant 9	ECI 4	633332	3499.98	-	24.39	26.00	1.449	50	1.000	-0.04	0.522	0.756
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 6	ECI 3	650000	3750	-	15.74	16.50	1.191	-	-	-0.14	0.355	0.423
	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 6	ECI 3	650000	3750	-	15.72	16.50	1.197	-	-	-0.1	0.318	0.381
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 6	ECI 3	650000	3750	-	15.74	16.50	1.191	-	-	-0.15	0.513	0.611
	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 6	ECI 3	650000	3750	-	15.72	16.50	1.197	-	-	-0.12	0.486	0.582
	FR1 n78_HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 6	ECI 3	650000	3750	-	18.62	19.50	1.225	50	1.000	-0.07	0.536	0.657
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Front	12mm	Ant 6	ECI 4	650000	3750	-	23.65	24.50	1.216	-	-	-0.08	0.544	0.662
	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Front	12mm	Ant 6	ECI 4	650000	3750	-	23.62	24.50	1.225	-	-	0.05	0.554	0.679
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Back	15mm	Ant 6	ECI 4	650000	3750	-	23.65	24.50	1.216	-	-	0.06	0.424	0.516

	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Back	15mm	Ant 6	ECI 4	650000	3750	-	23.62	24.50	1.225	-	-	-0.09	0.415	0.508
	FR1 n78_HPUE	100M	QPSK	135	69	DFT-SCS-30KHz	Front	15mm	Ant 6	ECI 4	650000	3750	-	26.48	27.50	1.265	50	1.000	0.04	0.501	0.634
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 6	ECI 3	633332	3499.98	-	15.70	16.50	1.202	-	-	-0.07	0.515	0.619
	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 6	ECI 3	633332	3499.98	-	15.65	16.50	1.216	-	-	-0.09	0.460	0.559
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 6	ECI 3	633332	3499.98	-	15.70	16.50	1.202	-	-	-0.11	0.680	0.817
	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 6	ECI 3	633332	3499.98	-	15.65	16.50	1.216	-	-	-0.09	0.786	0.956
	FR1 n78	100M	QPSK	270	0	DFT-SCS-30KHz	Back	5mm	Ant 6	ECI 3	633332	3499.98	-	15.61	16.50	1.227	-	-	0.14	0.737	0.904
	FR1 n78_HPUE	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 6	ECI 3	633332	3499.98	-	18.71	19.50	1.199	50	1.000	-0.01	0.810	0.971
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Front	12mm	Ant 6	ECI 4	633332	3499.98	-	23.62	24.50	1.225	-	-	-0.08	0.693	0.849
	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Front	12mm	Ant 6	ECI 4	633332	3499.98	-	23.60	24.50	1.230	-	-	0.13	0.671	0.825
	FR1 n78	100M	QPSK	270	0	DFT-SCS-30KHz	Front	12mm	Ant 6	ECI 4	633332	3499.98	-	23.51	24.50	1.256	-	-	0.01	0.634	0.796
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Back	15mm	Ant 6	ECI 4	633332	3499.98	-	23.62	24.50	1.225	-	-	0.12	0.444	0.544
	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Back	15mm	Ant 6	ECI 4	633332	3499.98	-	23.60	24.50	1.230	-	-	0.03	0.438	0.539
	FR1 n78_HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Front	12mm	Ant 6	ECI 4	633332	3499.98	-	26.68	27.50	1.208	50	1.000	-0.02	0.665	0.803
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 7	ECI 3	650000	3750	-	17.58	19.00	1.387	-	-	-0.08	0.412	0.571
	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 7	ECI 3	650000	3750	-	17.43	19.00	1.435	-	-	-0.13	0.448	0.643
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 7	ECI 3	650000	3750	-	17.58	19.00	1.387	-	-	-0.14	0.736	1.021
	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 7	ECI 3	650000	3750	-	17.43	19.00	1.435	-	-	-0.11	0.692	0.993
	FR1 n78	100M	QPSK	270	0	DFT-SCS-30KHz	Back	5mm	Ant 7	ECI 3	650000	3750	-	17.20	19.00	1.514	-	-	-0.13	0.649	0.983
108	FR1 n78_HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 7	ECI 3	650000	3750	-	20.54	22.00	1.400	50	1.000	-0.07	0.781	**1.093**
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Front	12mm	Ant 7	ECI 4	650000	3750	-	22.92	24.50	1.439	-	-	0.18	0.343	0.494
	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Front	12mm	Ant 7	ECI 4	650000	3750	-	22.79	24.50	1.483	-	-	0.16	0.411	0.610
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Back	15mm	Ant 7	ECI 4	650000	3750	-	22.92	24.50	1.439	-	-	-0.1	0.558	0.803
	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Back	15mm	Ant 7	ECI 4	650000	3750	-	22.79	24.50	1.483	-	-	0.07	0.508	0.753
	FR1 n78	100M	QPSK	270	0	DFT-SCS-30KHz	Back	15mm	Ant 7	ECI 4	650000	3750	-	22.76	24.50	1.493	-	-	0.06	0.491	0.733
	FR1 n78_HPUE	100M	QPSK	1	1	DFT-SCS-30KHz	Back	15mm	Ant 7	ECI 4	650000	3750	-	25.98	27.50	1.419	50	1.000	-0.05	0.598	0.849
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 7	ECI 3	633332	3499.98	-	17.72	19.00	1.343	-	-	-0.13	0.378	0.508
	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 7	ECI 3	633332	3499.98	-	17.67	19.00	1.358	-	-	-0.09	0.382	0.519
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 7	ECI 3	633332	3499.98	-	17.72	19.00	1.343	-	-	-0.09	0.600	0.806
	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 7	ECI 3	633332	3499.98	-	17.67	19.00	1.358	-	-	-0.09	0.715	0.971
	FR1 n78	100M	QPSK	270	0	DFT-SCS-30KHz	Back	5mm	Ant 7	ECI 3	633332	3499.98	-	17.44	19.00	1.432	-	-	-0.05	0.640	0.916
	FR1 n78_HPUE	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 7	ECI 3	633332	3499.98	-	20.54	22.00	1.400	50	1.000	-0.05	0.750	1.050
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Front	12mm	Ant 7	ECI 4	633332	3499.98	-	22.85	24.50	1.462	-	-	0.18	0.310	0.453
	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Front	12mm	Ant 7	ECI 4	633332	3499.98	-	22.85	24.50	1.462	-	-	-0.1	0.315	0.461
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Back	15mm	Ant 7	ECI 4	633332	3499.98	-	22.85	24.50	1.462	-	-	0.01	0.354	0.518
	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Back	15mm	Ant 7	ECI 4	633332	3499.98	-	22.85	24.50	1.462	-	-	-0.15	0.419	0.613
	FR1 n78_HPUE	100M	QPSK	135	69	DFT-SCS-30KHz	Back	15mm	Ant 7	ECI 4	633332	3499.98	-	25.86	27.50	1.459	50	1.000	-0.01	0.445	0.649
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 8	ECI 3	650000	3750	-	16.97	18.50	1.422	-	-	-0.05	0.341	0.485
	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 8	ECI 3	650000	3750	-	16.93	18.50	1.435	-	-	-0.1	0.338	0.485
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 8	ECI 3	650000	3750	-	16.97	18.50	1.422	-	-	-0.08	0.680	0.967
	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 8	ECI 3	650000	3750	-	16.93	18.50	1.435	-	-	-0.1	0.706	1.013
	FR1 n78	100M	QPSK	270	0	DFT-SCS-30KHz	Back	5mm	Ant 8	ECI 3	650000	3750	-	16.90	18.50	1.445	-	-	-0.14	0.696	1.006
	FR1 n78_HPUE	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 8	ECI 3	650000	3750	-	19.92	21.50	1.439	50	1.000	-0.02	0.719	1.035
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 8	ECI 3	633332	3499.98	-	16.81	18.50	1.476	-	-	-0.08	0.360	0.531
	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 8	ECI 3	633332	3499.98	-	16.71	18.50	1.510	-	-	-0.05	0.414	0.625
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 8	ECI 3	633332	3499.98	-	16.81	18.50	1.476	-	-	-0.06	0.651	0.961
	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 8	ECI 3	633332	3499.98	-	16.71	18.50	1.510	-	-	-0.1	0.653	0.986
	FR1 n78	100M	QPSK	270	0	DFT-SCS-30KHz	Back	5mm	Ant 8	ECI 3	633332	3499.98	-	16.65	18.50	1.531	-	-	-0.09	0.657	1.006
	FR1 n78_HPUE	100M	QPSK	270	0	DFT-SCS-30KHz	Back	5mm	Ant 8	ECI 3	633332	3499.98	-	19.87	21.50	1.455	50	1.000	-0.02	0.706	1.027
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 9	ECI 3	650000	3750	-	10.79	12.50	1.483	-	-	-0.09	0.091	0.135
	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 9	ECI 3	650000	3750	-	10.71	12.50	1.510	-	-	-0.1	0.086	0.130
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 9	ECI 3	650000	3750	-	10.79	12.50	1.483	-	-	-0.1	0.566	0.839
	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 9	ECI 3	650000	3750	-	10.71	12.50	1.510	-	-	-0.15	0.635	0.959

	FR1 n78	100M	QPSK	270	0	DFT-SCS-30KHz	Back	5mm	Ant 9	ECI 3	650000	3750	-	10.60	12.50	1.549	-	-	-0.07	0.569	0.881
	FR1 n78_HPUE	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 9	ECI 3	650000	3750	-	13.79	15.50	1.483	50	1.000	-0.09	0.651	0.965
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Front	12mm	Ant 9	ECI 4	650000	3750	-	21.33	23.00	1.469	-	-	0.19	0.042	0.062
	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Front	12mm	Ant 9	ECI 4	650000	3750	-	21.31	23.00	1.476	-	-	0.07	0.043	0.063
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Back	15mm	Ant 9	ECI 4	650000	3750	-	21.33	23.00	1.469	-	-	-0.18	0.555	0.815
	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Back	15mm	Ant 9	ECI 4	650000	3750	-	21.31	23.00	1.476	-	-	0.03	0.626	0.924
	FR1 n78	100M	QPSK	270	0	DFT-SCS-30KHz	Back	15mm	Ant 9	ECI 4	650000	3750	-	21.29	23.00	1.483	-	-	-0.15	0.587	0.871
	FR1 n78_HPUE	100M	QPSK	135	69	DFT-SCS-30KHz	Back	15mm	Ant 9	ECI 4	650000	3750	-	24.50	26.00	1.413	50	1.000	-0.05	0.676	0.955
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Front	5mm	Ant 9	ECI 3	633332	3499.98	-	10.87	12.50	1.455	-	-	-0.14	0.030	0.044
	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Front	5mm	Ant 9	ECI 3	633332	3499.98	-	10.83	12.50	1.469	-	-	-0.08	0.028	0.041
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Back	5mm	Ant 9	ECI 3	633332	3499.98	-	10.87	12.50	1.455	-	-	-0.1	0.557	0.810
	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Back	5mm	Ant 9	ECI 3	633332	3499.98	-	10.83	12.50	1.469	-	-	-0.1	0.495	0.727
	FR1 n78	100M	QPSK	270	0	DFT-SCS-30KHz	Back	5mm	Ant 9	ECI 3	633332	3499.98	-	10.79	12.50	1.483	-	-	-0.11	0.552	0.819
	FR1 n78_HPUE	100M	QPSK	270	0	DFT-SCS-30KHz	Back	5mm	Ant 9	ECI 3	633332	3499.98	-	13.81	15.50	1.476	50	1.000	-0.09	0.579	0.855
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Front	12mm	Ant 9	ECI 4	633332	3499.98	-	21.33	23.00	1.469	-	-	-0.15	0.090	0.132
	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Front	12mm	Ant 9	ECI 4	633332	3499.98	-	21.28	23.00	1.486	-	-	0.11	0.089	0.132
	FR1 n78	100M	QPSK	1	1	DFT-SCS-30KHz	Back	15mm	Ant 9	ECI 4	633332	3499.98	-	21.33	23.00	1.469	-	-	-0.08	0.427	0.627
	FR1 n78	100M	QPSK	135	69	DFT-SCS-30KHz	Back	15mm	Ant 9	ECI 4	633332	3499.98	-	21.28	23.00	1.486	-	-	-0.17	0.496	0.737
	FR1 n78_HPUE	100M	QPSK	135	69	DFT-SCS-30KHz	Back	15mm	Ant 9	ECI 4	633332	3499.98	-	24.33	26.00	1.469	50	1.000	0.06	0.534	0.784

Plot No.	Band	Mode	Test Position	Gap (mm)	Antenna	Power State	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
						2450MHz										
	WLAN2.4GHz	802.11b 1Mbps	Front	5mm	Ant 8	Standalone	6	2437	17.00	17.50	1.122	98.47	1.016	0.14	0.478	0.545
	WLAN2.4GHz	802.11b 1Mbps	Back	5mm	Ant 8	Standalone	6	2437	17.00	17.50	1.122	98.47	1.016	-0.05	0.569	0.649
	WLAN2.4GHz	802.11b 1Mbps	Back	5mm	Ant 8	WIFI only DBS	6	2437	14.07	15.00	1.239	98.47	1.016	0.12	0.330	0.415
	WLAN2.4GHz	802.11b 1Mbps	Front	5mm	Ant 8	Non DBS	6	2437	11.73	12.50	1.194	98.47	1.016	0.03	0.166	0.201
	WLAN2.4GHz	802.11b 1Mbps	Back	5mm	Ant 8	Non DBS	6	2437	11.73	12.50	1.194	98.47	1.016	0.18	0.215	0.261
	WLAN2.4GHz	802.11b 1Mbps	Front	5mm	Ant 8	DBS	6	2437	8.10	9.00	1.230	98.47	1.016	0.16	0.080	0.100
	WLAN2.4GHz	802.11b 1Mbps	Back	5mm	Ant 8	DBS	6	2437	8.10	9.00	1.230	98.47	1.016	-0.1	0.098	0.122
	WLAN2.4GHz	802.11b 1Mbps	Front	5mm	Ant 10	Standalone	6	2437	17.21	18.00	1.199	98.47	1.016	0.15	0.306	0.373
	WLAN2.4GHz	802.11b 1Mbps	Back	5mm	Ant 10	Standalone	6	2437	17.21	18.00	1.199	98.47	1.016	0.01	0.545	0.664
	WLAN2.4GHz	802.11n-HT20 MCS0	Front	5mm	Ant 10+8(10)	Standalone	6	2437	16.70	17.50	1.202	96.32	1.038	0.14	0.634	0.791
109	WLAN2.4GHz	802.11n-HT20 MCS0	Back	5mm	Ant 10+8(10)	Standalone	6	2437	16.70	17.50	1.202	96.32	1.038	-0.09	0.869	**1.084**
	WLAN2.4GHz	802.11n-HT20 MCS0	Back	5mm	Ant 10+8(10)	Standalone	11	2462	16.51	17.50	1.256	96.32	1.038	0.08	0.827	1.078
	WLAN2.4GHz	802.11n-HT20 MCS0	Back	5mm	Ant 10+8(8)	WIFI only DBS	6	2437	14.16	15.00	1.213	96.32	1.038	-0.09	0.441	0.555
	WLAN2.4GHz	802.11n-HT20 MCS0	Front	5mm	Ant 10+8(10)	Non DBS	6	2437	11.35	12.00	1.161	96.32	1.038	0.08	0.170	0.205
	WLAN2.4GHz	802.11n-HT20 MCS0	Back	5mm	Ant 10+8(10)	Non DBS	6	2437	11.35	12.00	1.161	96.32	1.038	0.01	0.201	0.242
	WLAN2.4GHz	802.11n-HT20 MCS0	Front	5mm	Ant 10+8(10)	DBS	6	2437	7.60	8.50	1.230	96.32	1.038	-0.08	0.097	0.124
	WLAN2.4GHz	802.11n-HT20 MCS0	Back	5mm	Ant 10+8(10)	DBS	6	2437	7.60	8.50	1.230	96.32	1.038	0.13	0.110	0.140
	Bluetooth	1Mbps	Front	5mm	Ant 8	Full Power	0	2402	16.80	18.00	1.318	76.8	1.085	-0.07	0.385	0.551
110	Bluetooth	1Mbps	Back	5mm	Ant 8	Full Power	0	2402	16.80	18.00	1.318	76.8	1.085	0.08	0.611	**0.874**
	Bluetooth	1Mbps	Back	5mm	Ant 8	Full Power	39	2441	16.30	18.00	1.479	76.8	1.085	0.02	0.514	0.825
	Bluetooth	1Mbps	Back	5mm	Ant 8	WIFI onlyNon DBS BF	78	2480	13.30	15.00	1.479	76.8	1.085	0.08	0.239	0.384
	Bluetooth	1Mbps	Front	5mm	Ant 8	Non DBS	78	2480	12.20	14.00	1.514	76.8	1.085	0.01	0.132	0.217
	Bluetooth	1Mbps	Back	5mm	Ant 8	Non DBS	78	2480	12.20	14.00	1.514	76.8	1.085	0.03	0.142	0.233
	Bluetooth	1Mbps	Front	5mm	Ant 8	Non DBS BF	78	2480	9.20	11.00	1.514	76.8	1.085	-0.08	0.065	0.107
	Bluetooth	1Mbps	Back	5mm	Ant 8	Non DBS BF	78	2480	9.20	11.00	1.514	76.8	1.085	-0.08	0.077	0.126
	Bluetooth	1Mbps	Front	5mm	Ant 10	Full Power	39	2441	16.80	18.50	1.479	77.07	1.081	0.02	0.331	0.529
	Bluetooth	1Mbps	Back	5mm	Ant 10	Full Power	39	2441	16.80	18.50	1.479	77.07	1.081	-0.09	0.544	0.870
	Bluetooth	1Mbps	Back	5mm	Ant 10	Full Power	0	2402	16.80	18.50	1.479	77.07	1.081	0.01	0.506	0.809
	Bluetooth	1Mbps	Back	5mm	Ant 10	WIFI onlyNon DBS BF	78	2480	14.20	16.00	1.514	77.07	1.081	0.1	0.245	0.401
	Bluetooth	1Mbps	Front	5mm	Ant 10	Non DBS	78	2480	12.10	14.00	1.549	77.07	1.081	-0.18	0.089	0.149
	Bluetooth	1Mbps	Back	5mm	Ant 10	Non DBS	78	2480	12.10	14.00	1.549	77.07	1.081	0.1	0.143	0.239

	Bluetooth	1Mbps	Front	5mm	Ant 10	Non DBS BF/DBS	78	2480	9.30	11.00	1.479	77.07	1.081	0.12	0.045	0.072
	Bluetooth	1Mbps	Back	5mm	Ant 10	Non DBS BF/DBS	78	2480	9.30	11.00	1.479	77.07	1.081	0.08	0.067	0.107
	WLAN5.3GHz	802.11n-HT40 MCS0	Front	5mm	Ant 6+17(17)	Standalone	54	5270	18.06	19.00	1.242	92.86	1.077	0.05	0.487	0.651
111	WLAN5.3GHz	802.11n-HT40 MCS0	Back	5mm	Ant 6+17(17)	Standalone	54	5270	18.06	19.00	1.242	92.86	1.077	-0.03	0.773	**1.034**
	WLAN5.3GHz	802.11n-HT40 MCS0	Back	5mm	Ant 6+17(17)	Standalone	62	5310	18.01	19.00	1.256	92.86	1.077	0.08	0.706	0.955
	WLAN5.3GHz	802.11ac-VHT80 MCS0	Back	5mm	Ant 6+17(17)	WIFI only Non DBS	58	5290	17.11	18.00	1.227	85.37	1.171	-0.17	0.555	0.798
	WLAN5.3GHz	802.11ac-VHT160 MCS0	Back	5mm	Ant 6+17(17)	WIFI only DBS	50	5250	15.16	16.00	1.213	92.54	1.081	-0.03	0.420	0.551
	WLAN5.3GHz	802.11ac-VHT160 MCS0	Front	5mm	Ant 6+17(17)	Non DBS&DBS	50	5250	11.07	12.00	1.239	92.54	1.081	0.11	0.138	0.185
	WLAN5.3GHz	802.11ac-VHT160 MCS0	Back	5mm	Ant 6+17(17)	Non DBS&DBS	50	5250	11.07	12.00	1.239	92.54	1.081	0.14	0.179	0.240
	WLAN5.5GHz	802.11n-HT40 MCS0	Front	5mm	Ant 6+17(6)	Standalone	102	5510	17.85	18.50	1.162	92.86	1.077	0.01	0.652	0.816
	WLAN5.5GHz	802.11n-HT40 MCS0	Front	5mm	Ant 6+17(17)	Standalone	134	5670	18.31	19.00	1.172	92.86	1.077	-0.05	0.646	0.815
112	WLAN5.5GHz	802.11n-HT40 MCS0	Back	5mm	Ant 6+17(6)	Standalone	102	5510	17.85	18.50	1.162	92.86	1.077	-0.09	0.830	**1.038**
	WLAN5.5GHz	802.11n-HT40 MCS0	Back	5mm	Ant 6+17(17)	Standalone	134	5670	18.31	19.00	1.172	92.86	1.077	0.08	0.652	0.823
	WLAN5.5GHz	802.11ac-VHT80 MCS0	Back	5mm	Ant 6+17(6)	WIFI only Non DBS	106	5530	16.67	17.50	1.211	85.37	1.171	0.14	0.547	0.775
	WLAN5.5GHz	802.11ac-VHT160 MCS0	Back	5mm	Ant 6+17(6)	WIFI only DBS	114	5570	15.51	16.50	1.256	92.54	1.081	-0.17	0.438	0.595
	WLAN5.5GHz	802.11ac-VHT160 MCS0	Front	5mm	Ant 6+17(6)	Non DBS&DBS	114	5570	11.09	12.00	1.233	92.54	1.081	0.17	0.172	0.229
	WLAN5.5GHz	802.11ac-VHT160 MCS0	Back	5mm	Ant 6+17(6)	Non DBS&DBS	114	5570	11.09	12.00	1.233	92.54	1.081	-0.05	0.190	0.253
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Front	5mm	Ant 6+17(17)	Standalone	155	5775	17.29	18.00	1.178	85.37	1.171	0.01	0.640	0.883
113	WLAN5.8GHz	802.11ac-VHT80 MCS0	Back	5mm	Ant 6+17(17)	Standalone	155	5775	17.29	18.00	1.178	85.37	1.171	0.03	0.772	**1.065**
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Back	5mm	Ant 6+17(17)	WIFI only Non DBS	155	5775	14.85	15.50	1.161	85.37	1.171	-0.17	0.523	0.711
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Back	5mm	Ant 6+17(17)	WIFI only DBS	155	5775	13.52	14.50	1.253	85.37	1.171	0.04	0.407	0.597
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Front	5mm	Ant 6+17(17)	Non DBS&DBS	155	5775	10.33	11.00	1.167	85.37	1.171	-0.01	0.151	0.206
	WLAN5.8GHz	802.11ac-VHT80 MCS0	Back	5mm	Ant 6+17(17)	Non DBS&DBS	155	5775	10.33	11.00	1.167	85.37	1.171	-0.08	0.163	0.223

16.4 Product specific 10g SAR

Plot No.	Band	Mode	Test Position	Gap (mm)	Antenna	Power State	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 10g SAR (W/kg)	Reported 10g SAR (W/kg)
	WLAN2.4GHz	802.11b 1Mbps	Right Side	0mm	Ant 8	Full Power	6	2437	19.70	20.50	1.202	98.47	1.016	0.03	1.23	1.502
114	WLAN2.4GHz	802.11n-HT20 MCS0	Right Side	0mm	Ant 10+8(8)	Full Power	6	2437	19.30	20.00	1.175	96.32	1.038	0.05	1.80	**2.195**
	WLAN2.4GHz	802.11n-HT20 MCS0	Right Side	0mm	Ant 10+8(8)	Full Power	1	2412	18.60	19.50	1.230	96.32	1.038	0.1	1.55	1.979
	WLAN2.4GHz	802.11n-HT20 MCS0	Right Side	0mm	Ant 10+8(8)	Full Power	11	2462	18.60	19.50	1.230	96.32	1.038	0.12	1.32	1.686
	WLAN5.3GHz	802.11n-HT20 MCS0	Front	0mm	Ant 6+17(17)	Full Power	52	5260	19.08	20.00	1.235	96.32	1.038	0.1	1.42	1.821
	WLAN5.3GHz	802.11n-HT20 MCS0	Back	0mm	Ant 6+17(17)	Full Power	52	5260	19.08	20.00	1.235	96.32	1.038	-0.17	0.51	0.650
	WLAN5.3GHz	802.11n-HT20 MCS0	Right Side	0mm	Ant 6+17(17)	Full Power	52	5260	19.08	20.00	1.235	96.32	1.038	-0.01	1.03	1.321
115	WLAN5.3GHz	802.11n-HT20 MCS0	Top Side	0mm	Ant 6+17(17)	Full Power	52	5260	19.08	20.00	1.235	96.32	1.038	0.01	1.79	**2.295**
	WLAN5.3GHz	802.11n-HT20 MCS0	Top Side	0mm	Ant 6+17(6)	Full Power	60	5300	18.74	19.50	1.190	96.32	1.038	-0.08	1.60	1.977
	WLAN5.5GHz	802.11n-HT20 MCS0	Front	0mm	Ant 6+17(6)	Full Power	100	5500	18.67	19.50	1.210	96.32	1.038	0.06	1.63	2.047
	WLAN5.5GHz	802.11n-HT20 MCS0	Front	0mm	Ant 6+17(6)	Full Power	144	5720	18.76	19.50	1.185	96.32	1.038	0.11	1.37	1.685
	WLAN5.5GHz	802.11n-HT20 MCS0	Back	0mm	Ant 6+17(6)	Full Power	100	5500	18.67	19.50	1.210	96.32	1.038	0.12	0.24	0.295
	WLAN5.5GHz	802.11n-HT20 MCS0	Left Side	0mm	Ant 6+17(6)	Full Power	100	5500	18.67	19.50	1.210	96.32	1.038	0.03	0.03	0.033
	WLAN5.5GHz	802.11n-HT20 MCS0	Right Side	0mm	Ant 6+17(6)	Full Power	100	5500	18.67	19.50	1.210	96.32	1.038	0.18	0.99	1.243
116	WLAN5.5GHz	802.11n-HT20 MCS0	Top Side	0mm	Ant 6+17(6)	Full Power	100	5500	18.67	19.50	1.210	96.32	1.038	0.01	1.98	**2.486**
	WLAN5.5GHz	802.11n-HT20 MCS0	Top Side	0mm	Ant 6+17(17)	Full Power	144	5720	18.76	19.50	1.185	96.32	1.038	-0.1	1.68	2.066

16.5 Repeated SAR Measurement

<1g>

Plot No.	Band	BW (MHz)	Modulation	RB Size	RB offset	Mode	Test Position	Gap (mm)	Antenna	Power State	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Ratio	Reported 1g SAR (W/kg)
1st	FR1 n2	20M	QPSK	1	1	DFT-SCS-15KHz	Left Cheek	0mm	Ant 2	ECI 1	376000	1880	18.57	19.50	1.239	-	-	0.07	0.880	1	1.090
2nd	FR1 n2	20M	QPSK	1	1	DFT-SCS-15KHz	Left Cheek	0mm	Ant 2	ECI 1	376000	1880	18.57	19.50	1.239	-	-	0.09	0.874	1.007	1.083
1st	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Left Cheek	0mm	Ant 6	ECI 1	641666	3624.99	13.87	14.50	1.156	-	-	-0.05	0.822	1	0.950
2nd	FR1 n48	40M	QPSK	1	1	DFT-SCS-30KHz	Left Cheek	0mm	Ant 6	ECI 1	641666	3624.99	13.87	14.50	1.156	-	-	0.06	0.813	1.011	0.940
1st	LTE Band 13	10M	QPSK	1	0	-	Back	5mm	Ant 1	ECI 3	23230	782	21.63	22.70	1.279	-	-	-0.05	0.811	1	1.037
2nd	LTE Band 13	10M	QPSK	1	0	-	Back	5mm	Ant 1	ECI 3	23230	782	21.63	22.70	1.279	-	-	0.01	0.803	1.010	1.027
1st	LTE Band 5	10M	QPSK	1	0	-	Back	5mm	Ant 1	ECI 3	20525	836.5	20.25	20.70	1.109	-	-	-0.03	0.922	1	1.022
2nd	LTE Band 5	10M	QPSK	1	0	-	Back	5mm	Ant 1	ECI 3	20525	836.5	20.25	20.70	1.109	-	-	0.01	0.906	1.018	1.005
1st	LTE Band 66	20M	QPSK	1	0	-	Back	5mm	Ant 2	ECI 3	132572	1770	18.48	19.20	1.180	-	-	0.04	0.925	1	1.092
2nd	LTE Band 66	20M	QPSK	1	0	-	Back	5mm	Ant 2	ECI 3	132572	1770	18.48	19.20	1.180	-	-	0.09	0.913	1.013	1.077
1st	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Back	5mm	Ant 2	ECI 3	507000	2535	19.12	19.70	1.143	-	-	-0.09	0.950	1	1.086
2nd	FR1 n7	50M	QPSK	135	68	DFT-SCS-15KHz	Back	5mm	Ant 2	ECI 3	507000	2535	19.12	19.70	1.143	-	-	0.03	0.936	1.015	1.070
1st	LTE Band 42	20M	QPSK	1	0	-	Back	5mm	Ant 6	ECI 3	42190	3460	19.58	20.20	1.153	62.9	1.006	0.07	0.914	1	1.060
2nd	LTE Band 42	20M	QPSK	1	0	-	Back	5mm	Ant 6	ECI 3	42190	3460	19.58	20.20	1.153	62.9	1.006	0.03	0.905	1.010	1.050
1st	WLAN2.4GHz	-	-	-	-	802.11n-HT20 MCS0	Back	5mm	Ant 10+8(10)	Standalone	6	2437	16.70	17.50	1.202	96.32	1.038	-0.09	0.869	1	1.084
2nd	WLAN2.4GHz	-	-	-	-	802.11n-HT20 MCS0	Back	5mm	Ant 10+8(10)	Standalone	6	2437	16.70	17.50	1.202	96.32	1.038	0.02	0.863	1.007	1.077
1st	WLAN5GHz	-	-	-	-	802.11n-HT40 MCS0	Back	5mm	Ant 6+17(6)	Standalone	102	5510	17.85	18.50	1.162	92.86	1.077	-0.09	0.830	1	1.038
2nd	WLAN5GHz	-	-	-	-	802.11n-HT40 MCS0	Back	5mm	Ant 6+17(6)	Standalone	102	5510	17.85	18.50	1.162	92.86	1.077	0.02	0.819	1.013	1.025

General Note:

1. Per KDB 865664 D01v01r04, for each frequency band, repeated SAR measurement is required only when the measured SAR is ≥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. The ratio is the difference in percentage between original and repeated *measured SAR*.
4. All measurement SAR result is scaled-up to account for tune-up tolerance and is compliant.

16.6 NR Linearity Data Analysis

General Note:
This device support Power Class 2 and Power Class 3 operations for 5GNR n41/n77/n78. The highest available duty cycle for Power Class 2 operation is 50% using UL-DL configuration 1. Per FCC Guidance based on the device behavior, all SAR tests were performed using Power Class 3. Power Class 2 is tested using the highest SAR test configuration in Power Class 3 for each 5GNR configuration and exposure condition combination, according to the highest time averaged power for all applicable uplink-downlink configurations in Power Class 2. When the reported SAR vs. output power is linearly scaled with < 10% discrepancy between power classes and all reported SAR are < 1.4 W/kg for 1g and < 3.5 W/kg for 10g, Separate SAR testing for Power Class 2 is not required.

FR1 n41(HPUE)-Linearity Data for Head Ant 2			FR1 n41(HPUE)-Linearity Data for Head Ant 3		
	FR1 n41 (Power Class 3)	FR1 n41 (Power Class 2)		FR1 n41 (Power Class 3)	FR1 n41 (Power Class 2)
Maximum Tune up Power (dBm)	17.50	20.50	Maximum Tune up Power (dBm)	17.00	20.00
Reported 1g SAR (W/kg)	0.955	1.016	Reported 1g SAR (W/kg)	0.827	0.851
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	56.23	56.10	Frame Averaged (mW)	50.12	50.00
Linearity SAR (W/kg)	0.953		Linearity SAR (W/kg)	0.825	
% deviation from expected linearity		6.64%	% deviation from expected linearity		3.15%
FR1 n77 Part 27O(HPUE)-Linearity Data for Head Ant 6			**FR1 n77 Part 27O(HPUE)-Linearity Data for Head Ant 7**		
	FR1 n77 Part 27O (Power Class 3)	FR1 n77 Part 27O (Power Class 2)		FR1 n77 Part 27O (Power Class 3)	FR1 n77 Part 27O (Power Class 2)
Maximum Tune up Power (dBm)	13.50	16.50	Maximum Tune up Power (dBm)	18.50	21.50
Reported 1g SAR (W/kg)	0.611	0.641	Reported 1g SAR (W/kg)	0.854	0.887
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	22.39	22.33	Frame Averaged (mW)	70.79	70.63
Linearity SAR (W/kg)	0.610		Linearity SAR (W/kg)	0.852	
% deviation from expected linearity		5.16%	% deviation from expected linearity		4.11%
FR1 n77 Part 27Q(HPUE)-Linearity Data for Head Ant 6			**FR1 n77 Part 27Q(HPUE)-Linearity Data for Head Ant 7**		
	FR1 n77 Part 27Q (Power Class 3)	FR1 n77 Part 27Q (Power Class 2)		FR1 n77 Part 27Q (Power Class 3)	FR1 n77 Part 27Q (Power Class 2)
Maximum Tune up Power (dBm)	13.50	16.50	Maximum Tune up Power (dBm)	18.50	21.50
Reported 1g SAR (W/kg)	0.857	0.888	Reported 1g SAR (W/kg)	0.836	0.890
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	22.39	22.33	Frame Averaged (mW)	70.79	70.63
Linearity SAR (W/kg)	0.855		Linearity SAR (W/kg)	0.834	
% deviation from expected linearity		3.86%	% deviation from expected linearity		6.71%
FR1 n78 Part 27O(HPUE)-Linearity Data for Head Ant 6			**FR1 n78 Part 27O(HPUE)-Linearity Data for Head Ant 7**		
	FR1 n78 Part 27O (Power Class 3)	FR1 n78 Part 27O (Power Class 2)		FR1 n78 Part 27O (Power Class 3)	FR1 n78 Part 27O (Power Class 2)
Maximum Tune up Power (dBm)	13.50	16.50	Maximum Tune up Power (dBm)	18.50	21.50
Reported 1g SAR (W/kg)	0.638	0.679	Reported 1g SAR (W/kg)	0.792	0.850
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	22.39	22.33	Frame Averaged (mW)	70.79	70.63
Linearity SAR (W/kg)	0.636		Linearity SAR (W/kg)	0.790	
% deviation from expected linearity		6.68%	% deviation from expected linearity		7.58%
FR1 n78 Part 27Q(HPUE)-Linearity Data for Head Ant 6			**FR1 n78 Part 27Q(HPUE)-Linearity Data for Head Ant 7**		
	FR1 n78 Part 27Q (Power Class 3)	FR1 n78 Part 27Q (Power Class 2)		FR1 n78 Part 27Q (Power Class 3)	FR1 n78 Part 27Q (Power Class 2)
Maximum Tune up Power (dBm)	13.50	16.50	Maximum Tune up Power (dBm)	18.50	21.50
Reported 1g SAR (W/kg)	0.865	0.906	Reported 1g SAR (W/kg)	1.057	1.092
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	22.39	22.33	Frame Averaged (mW)	70.79	70.63
Linearity SAR (W/kg)	0.863		Linearity SAR (W/kg)	1.054	
% deviation from expected linearity		4.99%	% deviation from expected linearity		3.56%
FR1 n41(HPUE)-Linearity Data for Body-worn Ant 2			**FR1 n41(HPUE)-Linearity Data for Body-worn Ant 3**		
	FR1 n41 (Power Class 3)	FR1 n41 (Power Class 2)		FR1 n41 (Power Class 3)	FR1 n41 (Power Class 2)
Maximum Tune up Power (dBm)	19.00	22.00	Maximum Tune up Power (dBm)	18.00	21.00
Reported 1g SAR (W/kg)	0.851	0.918	Reported 1g SAR (W/kg)	1.009	1.049
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%

Frame Averaged (mW)	79.43	79.24	Frame Averaged (mW)	63.10	62.95
Linearity SAR (W/kg)	0.849		Linearity SAR (W/kg)	1.007	
% deviation from expected linearity		8.13%	% deviation from expected linearity		4.21%
FR1 n77 Part 27O(HPUE)-Linearity Data for Body-worn Ant 6			**FR1 n77 Part 27O(HPUE)-Linearity Data for Body-worn Ant 7**		
	FR1 n77 Part 27O (Power Class 3)	FR1 n77 Part 27O (Power Class 2)		FR1 n77 Part 27O (Power Class 3)	FR1 n77 Part 27O (Power Class 2)
Maximum Tune up Power (dBm)	16.50	19.50	Maximum Tune up Power (dBm)	19.00	22.00
Reported 1g SAR (W/kg)	0.491	0.494	Reported 1g SAR (W/kg)	0.570	0.603
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	44.67	44.56	Frame Averaged (mW)	79.43	79.24
Linearity SAR (W/kg)	0.490		Linearity SAR (W/kg)	0.569	
% deviation from expected linearity		0.85%	% deviation from expected linearity		6.04%
FR1 n77 Part 27Q(HPUE)-Linearity Data for Body-worn Ant 6			**FR1 n77 Part 27Q(HPUE)-Linearity Data for Body-worn Ant 7**		
	FR1 n77 Part 27Q (Power Class 3)	FR1 n77 Part 27Q (Power Class 2)		FR1 n77 Part 27Q (Power Class 3)	FR1 n77 Part 27Q (Power Class 2)
Maximum Tune up Power (dBm)	16.50	19.50	Maximum Tune up Power (dBm)	19.00	22.00
Reported 1g SAR (W/kg)	0.937	0.943	Reported 1g SAR (W/kg)	0.801	0.851
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	44.67	44.56	Frame Averaged (mW)	79.43	79.24
Linearity SAR (W/kg)	0.935		Linearity SAR (W/kg)	0.799	
% deviation from expected linearity		0.88%	% deviation from expected linearity		6.49%
FR1 n78 Part 27O(HPUE)-Linearity Data for Body-worn Ant 6			**FR1 n78 Part 27O(HPUE)-Linearity Data for Body-worn Ant 7**		
	FR1 n78 Part 27O (Power Class 3)	FR1 n78 Part 27O (Power Class 2)		FR1 n78 Part 27O (Power Class 3)	FR1 n78 Part 27O (Power Class 2)
Maximum Tune up Power (dBm)	16.50	19.50	Maximum Tune up Power (dBm)	19.00	22.00
Reported 1g SAR (W/kg)	0.611	0.657	Reported 1g SAR (W/kg)	1.021	1.093
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	44.67	44.56	Frame Averaged (mW)	79.43	79.24
Linearity SAR (W/kg)	0.610		Linearity SAR (W/kg)	1.019	
% deviation from expected linearity		7.78%	% deviation from expected linearity		7.31%
FR1 n78 Part 27Q(HPUE)-Linearity Data for Body-worn Ant 6			**FR1 n78 Part 27Q(HPUE)-Linearity Data for Body-worn Ant 7**		
	FR1 n78 Part 27Q (Power Class 3)	FR1 n78 Part 27Q (Power Class 2)		FR1 n78 Part 27Q (Power Class 3)	FR1 n78 Part 27Q (Power Class 2)
Maximum Tune up Power (dBm)	16.50	19.50	Maximum Tune up Power (dBm)	19.00	22.00
Reported 1g SAR (W/kg)	0.956	0.971	Reported 1g SAR (W/kg)	0.971	1.050
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	44.67	44.56	Frame Averaged (mW)	79.43	79.24
Linearity SAR (W/kg)	0.954		Linearity SAR (W/kg)	0.969	
% deviation from expected linearity		1.81%	% deviation from expected linearity		8.39%
FR1 n41(HPUE)-Linearity Data for Hotspot Ant 2			**FR1 n41(HPUE)-Linearity Data for Hotspot Ant 3**		
	FR1 n41 (Power Class 3)	FR1 n41 (Power Class 2)		FR1 n41 (Power Class 3)	FR1 n41 (Power Class 2)
Maximum Tune up Power (dBm)	17.50	20.50	Maximum Tune up Power (dBm)	17.00	20.00
Reported 1g SAR (W/kg)	0.340	0.372	Reported 1g SAR (W/kg)	0.403	0.435
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	56.23	56.10	Frame Averaged (mW)	50.12	50.00
Linearity SAR (W/kg)	0.339		Linearity SAR (W/kg)	0.402	
% deviation from expected linearity		9.67%	% deviation from expected linearity		8.20%
FR1 n77 Part 27O(HPUE)-Linearity Data for Hotspot Ant 6			**FR1 n77 Part 27O(HPUE)-Linearity Data for Hotspot Ant 7**		
	FR1 n77 Part 27O (Power Class 3)	FR1 n77 Part 27O (Power Class 2)		FR1 n77 Part 27O (Power Class 3)	FR1 n77 Part 27O (Power Class 2)
Maximum Tune up Power (dBm)	13.50	16.50	Maximum Tune up Power (dBm)	18.50	21.50
Reported 1g SAR (W/kg)	0.103	0.112	Reported 1g SAR (W/kg)	0.165	0.156
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	22.39	22.33	Frame Averaged (mW)	70.79	70.63
Linearity SAR (W/kg)	0.103		Linearity SAR (W/kg)	0.165	
% deviation from expected linearity		9.00%	% deviation from expected linearity		-5.23%
FR1 n77 Part 27Q(HPUE)-Linearity Data for Hotspot Ant 6			**FR1 n77 Part 27Q(HPUE)-Linearity Data for Hotspot Ant 7**		
	FR1 n77 Part 27Q (Power Class 3)	FR1 n77 Part 27Q (Power Class 2)		FR1 n77 Part 27Q (Power Class 3)	FR1 n77 Part 27Q (Power Class 2)

Maximum Tune up Power (dBm)	13.50	16.50	Maximum Tune up Power (dBm)	18.50	21.50
Reported 1g SAR (W/kg)	0.180	0.195	Reported 1g SAR (W/kg)	0.379	0.408
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	22.39	22.33	Frame Averaged (mW)	70.79	70.63
Linearity SAR (W/kg)	0.180		Linearity SAR (W/kg)	0.378	
% deviation from expected linearity		8.59%	% deviation from expected linearity		7.91%
FR1 n78 Part 27O(HPUE)-Linearity Data for Hotspot Ant 6			**FR1 n78 Part 27O(HPUE)-Linearity Data for Hotspot Ant 7**		
	FR1 n78 Part 27O (Power Class 3)	FR1 n78 Part 27O (Power Class 2)		FR1 n78 Part 27O (Power Class 3)	FR1 n78 Part 27O (Power Class 2)
Maximum Tune up Power (dBm)	13.50	16.50	Maximum Tune up Power (dBm)	18.50	21.50
Reported 1g SAR (W/kg)	0.158	0.172	Reported 1g SAR (W/kg)	0.366	0.391
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	22.39	22.33	Frame Averaged (mW)	70.79	70.63
Linearity SAR (W/kg)	0.158		Linearity SAR (W/kg)	0.365	
% deviation from expected linearity		9.12%	% deviation from expected linearity		7.08%
FR1 n78 Part 27Q(HPUE)-Linearity Data for Hotspot Ant 6			**FR1 n78 Part 27Q(HPUE)-Linearity Data for Hotspot Ant 7**		
	FR1 n78 Part 27Q (Power Class 3)	FR1 n78 Part 27Q (Power Class 2)		FR1 n78 Part 27Q (Power Class 3)	FR1 n78 Part 27Q (Power Class 2)
Maximum Tune up Power (dBm)	13.50	16.50	Maximum Tune up Power (dBm)	18.50	21.50
Reported 1g SAR (W/kg)	0.193	0.205	Reported 1g SAR (W/kg)	0.353	0.365
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	22.39	22.33	Frame Averaged (mW)	70.79	70.63
Linearity SAR (W/kg)	0.193		Linearity SAR (W/kg)	0.352	
% deviation from expected linearity		6.47%	% deviation from expected linearity		3.64%

FR1 n41(HPUE)-Linearity Data for Head Ant 4			**FR1 n41(HPUE)-Linearity Data for Head Ant 5**		
	FR1 n41 (Power Class 3)	FR1 n41 (Power Class 2)		FR1 n41 (Power Class 3)	FR1 n41 (Power Class 2)
Maximum Tune up Power (dBm)	24.50	27.50	Maximum Tune up Power (dBm)	17.50	20.50
Reported 1g SAR (W/kg)	0.208	0.202	Reported 1g SAR (W/kg)	1.023	1.092
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	281.84	281.17	Frame Averaged (mW)	56.23	56.10
Linearity SAR (W/kg)	0.208		Linearity SAR (W/kg)	1.021	
% deviation from expected linearity		-2.65%	% deviation from expected linearity		7.00%
FR1 n77 Part 27O(HPUE)-Linearity Data for Head Ant 8			**FR1 n77 Part 27O(HPUE)-Linearity Data for Head Ant 9**		
	FR1 n77 Part 27O (Power Class 3)	FR1 n77 Part 27O (Power Class 2)		FR1 n77 Part 27O (Power Class 3)	FR1 n77 Part 27O (Power Class 2)
Maximum Tune up Power (dBm)	18.00	21.00	Maximum Tune up Power (dBm)	23.00	26.00
Reported 1g SAR (W/kg)	0.805	0.863	Reported 1g SAR (W/kg)	0.168	0.180
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	63.10	62.95	Frame Averaged (mW)	199.53	199.05
Linearity SAR (W/kg)	0.803		Linearity SAR (W/kg)	0.168	
% deviation from expected linearity		7.46%	% deviation from expected linearity		7.40%
FR1 n77 Part 27Q(HPUE)-Linearity Data for Head Ant 8			**FR1 n77 Part 27Q(HPUE)-Linearity Data for Head Ant 9**		
	FR1 n77 Part 27Q (Power Class 3)	FR1 n77 Part 27Q (Power Class 2)		FR1 n77 Part 27Q (Power Class 3)	FR1 n77 Part 27Q (Power Class 2)
Maximum Tune up Power (dBm)	18.00	21.00	Maximum Tune up Power (dBm)	23.00	26.00
Reported 1g SAR (W/kg)	0.999	1.067	Reported 1g SAR (W/kg)	0.698	0.714
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	63.10	62.95	Frame Averaged (mW)	199.53	199.05
Linearity SAR (W/kg)	0.997		Linearity SAR (W/kg)	0.696	
% deviation from expected linearity		7.06%	% deviation from expected linearity		2.54%
FR1 n78 Part 27O(HPUE)-Linearity Data for Head Ant 8			**FR1 n78 Part 27O(HPUE)-Linearity Data for Head Ant 9**		
	FR1 n78 Part 27O (Power Class 3)	FR1 n78 Part 27O (Power Class 2)		FR1 n78 Part 27O (Power Class 3)	FR1 n78 Part 27O (Power Class 2)
Maximum Tune up Power (dBm)	18.50	21.50	Maximum Tune up Power (dBm)	24.00	27.00
Reported 1g SAR (W/kg)	1.035	1.093	Reported 1g SAR (W/kg)	0.305	0.314
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	70.79	70.63	Frame Averaged (mW)	251.19	250.59
Linearity SAR (W/kg)	1.033		Linearity SAR (W/kg)	0.304	

% deviation from expected linearity		5.85%	% deviation from expected linearity		3.20%
FR1 n78 Part 27Q(HPUE)-Linearity Data for Head Ant 8			**FR1 n78 Part 27Q(HPUE)-Linearity Data for Head Ant 9**		
	FR1 n78 Part 27Q (Power Class 3)	FR1 n78 Part 27Q (Power Class 2)		FR1 n78 Part 27Q (Power Class 3)	FR1 n78 Part 27Q (Power Class 2)
Maximum Tune up Power (dBm)	18.50	21.50	Maximum Tune up Power (dBm)	24.00	27.00
Reported 1g SAR (W/kg)	1.082	1.056	Reported 1g SAR (W/kg)	0.968	1.011
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	70.79	70.63	Frame Averaged (mW)	251.19	250.59
Linearity SAR (W/kg)	1.079		Linearity SAR (W/kg)	0.966	
% deviation from expected linearity		-2.17%	% deviation from expected linearity		4.69%
FR1 n41(HPUE)-Linearity Data for Body-worn Ant 4			**FR1 n41(HPUE)-Linearity Data for Body-worn Ant 5**		
	FR1 n41 (Power Class 3)	FR1 n41 (Power Class 2)		FR1 n41 (Power Class 3)	FR1 n41 (Power Class 2)
Maximum Tune up Power (dBm)	20.00	23.00	Maximum Tune up Power (dBm)	20.00	23.00
Reported 1g SAR (W/kg)	0.846	0.926	Reported 1g SAR (W/kg)	1.048	1.035
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	100.00	99.76	Frame Averaged (mW)	100.00	99.76
Linearity SAR (W/kg)	0.844		Linearity SAR (W/kg)	1.046	
% deviation from expected linearity		9.72%	% deviation from expected linearity		-1.01%
FR1 n77 Part 27O(HPUE)-Linearity Data for Body-worn Ant 8			**FR1 n77 Part 27O(HPUE)-Linearity Data for Body-worn Ant 9**		
	FR1 n77 Part 27O (Power Class 3)	FR1 n77 Part 27O (Power Class 2)		FR1 n77 Part 27O (Power Class 3)	FR1 n77 Part 27O (Power Class 2)
Maximum Tune up Power (dBm)	19.00	22.00	Maximum Tune up Power (dBm)	13.00	16.00
Reported 1g SAR (W/kg)	0.983	1.066	Reported 1g SAR (W/kg)	1.089	1.012
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	79.43	79.24	Frame Averaged (mW)	19.95	19.91
Linearity SAR (W/kg)	0.981		Linearity SAR (W/kg)	1.086	
% deviation from expected linearity		8.70%	% deviation from expected linearity		-6.85%
FR1 n77 Part 27Q(HPUE)-Linearity Data for Body-worn Ant 8			**FR1 n77 Part 27Q(HPUE)-Linearity Data for Body-worn Ant 9**		
	FR1 n77 Part 27Q (Power Class 3)	FR1 n77 Part 27Q (Power Class 2)		FR1 n77 Part 27Q (Power Class 3)	FR1 n77 Part 27Q (Power Class 2)
Maximum Tune up Power (dBm)	19.00	22.00	Maximum Tune up Power (dBm)	13.00	16.00
Reported 1g SAR (W/kg)	1.008	1.091	Reported 1g SAR (W/kg)	0.717	0.778
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	79.43	79.24	Frame Averaged (mW)	19.95	19.91
Linearity SAR (W/kg)	1.006		Linearity SAR (W/kg)	0.715	
% deviation from expected linearity		8.49%	% deviation from expected linearity		8.77%
FR1 n78 Part 27O(HPUE)-Linearity Data for Body-worn Ant 8			**FR1 n78 Part 27O(HPUE)-Linearity Data for Body-worn Ant 9**		
	FR1 n78 Part 27O (Power Class 3)	FR1 n78 Part 27O (Power Class 2)		FR1 n78 Part 27O (Power Class 3)	FR1 n78 Part 27O (Power Class 2)
Maximum Tune up Power (dBm)	18.50	21.50	Maximum Tune up Power (dBm)	12.50	15.50
Reported 1g SAR (W/kg)	1.013	1.035	Reported 1g SAR (W/kg)	0.959	0.965
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	70.79	70.63	Frame Averaged (mW)	17.78	17.74
Linearity SAR (W/kg)	1.011		Linearity SAR (W/kg)	0.957	
% deviation from expected linearity		2.41%	% deviation from expected linearity		0.86%
FR1 n78 Part 27Q(HPUE)-Linearity Data for Body-worn Ant 8			**FR1 n78 Part 27Q(HPUE)-Linearity Data for Body-worn Ant 9**		
	FR1 n78 Part 27Q (Power Class 3)	FR1 n78 Part 27Q (Power Class 2)		FR1 n78 Part 27Q (Power Class 3)	FR1 n78 Part 27Q (Power Class 2)
Maximum Tune up Power (dBm)	18.50	21.50	Maximum Tune up Power (dBm)	12.50	15.50
Reported 1g SAR (W/kg)	1.006	1.027	Reported 1g SAR (W/kg)	0.819	0.855
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	70.79	70.63	Frame Averaged (mW)	17.78	17.74
Linearity SAR (W/kg)	1.004		Linearity SAR (W/kg)	0.817	
% deviation from expected linearity		2.33%	% deviation from expected linearity		4.64%
FR1 n41(HPUE)-Linearity Data for Hotspot Ant 4			**FR1 n41(HPUE)-Linearity Data for Hotspot Ant 5**		
	FR1 n41 (Power Class 3)	FR1 n41 (Power Class 2)		FR1 n41 (Power Class 3)	FR1 n41 (Power Class 2)
Maximum Tune up Power (dBm)	20.00	23.00	Maximum Tune up Power (dBm)	17.50	20.50
Reported 1g SAR (W/kg)	0.544	0.589	Reported 1g SAR (W/kg)	0.419	0.452

Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	100.00	99.76	Frame Averaged (mW)	56.23	56.10
Linearity SAR (W/kg)	0.543		Linearity SAR (W/kg)	0.418	
% deviation from expected linearity		8.53%	% deviation from expected linearity		8.13%
FR1 n77 Part 27O(HPUE)-Linearity Data for Hotspot Ant 8			**FR1 n77 Part 27O(HPUE)-Linearity Data for Hotspot Ant 9**		
	FR1 n77 Part 27O (Power Class 3)	FR1 n77 Part 27O (Power Class 2)		FR1 n77 Part 27O (Power Class 3)	FR1 n77 Part 27O (Power Class 2)
Maximum Tune up Power (dBm)	18.00	21.00	Maximum Tune up Power (dBm)	13.00	16.00
Reported 1g SAR (W/kg)	0.377	0.413	Reported 1g SAR (W/kg)	0.308	0.310
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	63.10	62.95	Frame Averaged (mW)	19.95	19.91
Linearity SAR (W/kg)	0.376		Linearity SAR (W/kg)	0.307	
% deviation from expected linearity		9.81%	% deviation from expected linearity		0.89%
FR1 n77 Part 27Q(HPUE)-Linearity Data for Hotspot Ant 8			**FR1 n77 Part 27Q(HPUE)-Linearity Data for Hotspot Ant 9**		
	FR1 n77 Part 27Q (Power Class 3)	FR1 n77 Part 27Q (Power Class 2)		FR1 n77 Part 27Q (Power Class 3)	FR1 n77 Part 27Q (Power Class 2)
Maximum Tune up Power (dBm)	18.00	21.00	Maximum Tune up Power (dBm)	13.00	16.00
Reported 1g SAR (W/kg)	0.446	0.487	Reported 1g SAR (W/kg)	0.186	0.173
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	63.10	62.95	Frame Averaged (mW)	19.95	19.91
Linearity SAR (W/kg)	0.445		Linearity SAR (W/kg)	0.186	
% deviation from expected linearity		9.45%	% deviation from expected linearity		-6.77%
FR1 n78 Part 27O(HPUE)-Linearity Data for Hotspot Ant 8			**FR1 n78 Part 27O(HPUE)-Linearity Data for Hotspot Ant 9**		
	FR1 n78 Part 27O (Power Class 3)	FR1 n78 Part 27O (Power Class 2)		FR1 n78 Part 27O (Power Class 3)	FR1 n78 Part 27O (Power Class 2)
Maximum Tune up Power (dBm)	18.50	21.50	Maximum Tune up Power (dBm)	12.50	15.50
Reported 1g SAR (W/kg)	0.600	0.614	Reported 1g SAR (W/kg)	0.446	0.467
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	70.79	70.63	Frame Averaged (mW)	17.78	17.74
Linearity SAR (W/kg)	0.599		Linearity SAR (W/kg)	0.445	
% deviation from expected linearity		2.58%	% deviation from expected linearity		4.96%
FR1 n78 Part 27Q(HPUE)-Linearity Data for Hotspot Ant 8			**FR1 n78 Part 27Q(HPUE)-Linearity Data for Hotspot Ant 9**		
	FR1 n78 Part 27Q (Power Class 3)	FR1 n78 Part 27Q (Power Class 2)		FR1 n78 Part 27Q (Power Class 3)	FR1 n78 Part 27Q (Power Class 2)
Maximum Tune up Power (dBm)	18.50	21.50	Maximum Tune up Power (dBm)	12.50	15.50
Reported 1g SAR (W/kg)	0.560	0.597	Reported 1g SAR (W/kg)	0.259	0.283
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	70.79	70.63	Frame Averaged (mW)	17.78	17.74
Linearity SAR (W/kg)	0.559		Linearity SAR (W/kg)	0.258	
% deviation from expected linearity		6.86%	% deviation from expected linearity		9.53%

Sensor off

FR1 n41(HPUE)-Linearity Data for Body-worn Ant 3			FR1 n41(HPUE)-Linearity Data for Body-worn Ant 5		
	FR1 n41 (Power Class 3)	FR1 n41 (Power Class 2)		FR1 n41 (Power Class 3)	FR1 n41 (Power Class 2)
Maximum Tune up Power (dBm)	24.50	27.50	Maximum Tune up Power (dBm)	24.00	27.00
Reported 1g SAR (W/kg)	1.014	1.047	Reported 1g SAR (W/kg)	0.483	0.443
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	281.84	281.17	Frame Averaged (mW)	251.19	250.59
Linearity SAR (W/kg)	1.012		Linearity SAR (W/kg)	0.482	
% deviation from expected linearity		3.50%	% deviation from expected linearity		-8.06%
FR1 n77 Part 27O(HPUE)-Linearity Data for Body-worn Ant 6			**FR1 n77 Part 27O(HPUE)-Linearity Data for Body-worn Ant 7**		
	FR1 n77 Part 27O (Power Class 3)	FR1 n77 Part 27O (Power Class 2)		FR1 n77 Part 27O (Power Class 3)	FR1 n77 Part 27O (Power Class 2)
Maximum Tune up Power (dBm)	23.50	26.50	Maximum Tune up Power (dBm)	23.50	26.50
Reported 1g SAR (W/kg)	0.464	0.425	Reported 1g SAR (W/kg)	0.410	0.446
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	223.87	223.34	Frame Averaged (mW)	223.87	223.34
Linearity SAR (W/kg)	0.463		Linearity SAR (W/kg)	0.409	
% deviation from expected linearity		-8.19%	% deviation from expected linearity		9.04%
FR1 n77 Part 27Q(HPUE)-Linearity Data for Body-worn Ant 6			**FR1 n77 Part 27Q(HPUE)-Linearity Data for Body-worn Ant 7**		
	FR1 n77 Part 27Q (Power Class 3)	FR1 n77 Part 27Q (Power Class 2)		FR1 n77 Part 27Q (Power Class 3)	FR1 n77 Part 27Q (Power Class 2)
Maximum Tune up Power (dBm)	23.50	26.50	Maximum Tune up Power (dBm)	23.50	26.50
Reported 1g SAR (W/kg)	0.679	0.625	Reported 1g SAR (W/kg)	0.656	0.708
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	223.87	223.34	Frame Averaged (mW)	223.87	223.34
Linearity SAR (W/kg)	0.677		Linearity SAR (W/kg)	0.654	
% deviation from expected linearity		-7.73%	% deviation from expected linearity		8.18%
FR1 n78 Part 27O(HPUE)-Linearity Data for Body-worn Ant 6			**FR1 n78 Part 27O(HPUE)-Linearity Data for Body-worn Ant 7**		
	FR1 n78 Part 27O (Power Class 3)	FR1 n78 Part 27O (Power Class 2)		FR1 n78 Part 27O (Power Class 3)	FR1 n78 Part 27O (Power Class 2)
Maximum Tune up Power (dBm)	24.50	27.50	Maximum Tune up Power (dBm)	24.50	27.50
Reported 1g SAR (W/kg)	0.679	0.634	Reported 1g SAR (W/kg)	0.803	0.849
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	281.84	281.17	Frame Averaged (mW)	281.84	281.17
Linearity SAR (W/kg)	0.677		Linearity SAR (W/kg)	0.801	
% deviation from expected linearity		-6.41%	% deviation from expected linearity		5.98%
FR1 n78 Part 27Q(HPUE)-Linearity Data for Body-worn Ant 6			**FR1 n78 Part 27Q(HPUE)-Linearity Data for Body-worn Ant 7**		
	FR1 n78 Part 27Q (Power Class 3)	FR1 n78 Part 27Q (Power Class 2)		FR1 n78 Part 27Q (Power Class 3)	FR1 n78 Part 27Q (Power Class 2)
Maximum Tune up Power (dBm)	24.50	27.50	Maximum Tune up Power (dBm)	24.50	27.50
Reported 1g SAR (W/kg)	0.849	0.803	Reported 1g SAR (W/kg)	0.613	0.649
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	281.84	281.17	Frame Averaged (mW)	281.84	281.17
Linearity SAR (W/kg)	0.847		Linearity SAR (W/kg)	0.612	
% deviation from expected linearity		-5.19%	% deviation from expected linearity		6.12%

FR1 n77 Part 27O(HPUE)-Linearity Data for Body-worn Ant 9		
	FR1 n77 Part 27O (Power Class 3)	FR1 n77 Part 27O (Power Class 2)
Maximum Tune up Power (dBm)	23.00	26.00
Reported 1g SAR (W/kg)	1.011	1.014
Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	199.53	199.05
Linearity SAR (W/kg)	1.009	
% deviation from expected linearity		0.53%
FR1 n77 Part 27Q(HPUE)-Linearity Data for Body-worn Ant 9		
	FR1 n77 Part 27Q (Power Class 3)	FR1 n77 Part 27Q (Power Class 2)
Maximum Tune up Power (dBm)	23.00	26.00
Reported 1g SAR (W/kg)	0.716	0.756
Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	199.53	199.05
Linearity SAR (W/kg)	0.714	
% deviation from expected linearity		5.84%
FR1 n78 Part 27O(HPUE)-Linearity Data for Body-worn Ant 9		
	FR1 n78 Part 27O (Power Class 3)	FR1 n78 Part 27O (Power Class 2)
Maximum Tune up Power (dBm)	23.00	26.00
Reported 1g SAR (W/kg)	0.924	0.955
Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	199.53	199.05
Linearity SAR (W/kg)	0.922	
% deviation from expected linearity		3.60%
FR1 n78 Part 27Q(HPUE)-Linearity Data for Body-worn Ant 9		
	FR1 n78 Part 27Q (Power Class 3)	FR1 n78 Part 27Q (Power Class 2)
Maximum Tune up Power (dBm)	23.00	26.00
Reported 1g SAR (W/kg)	0.737	0.784
Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	199.53	199.05
Linearity SAR (W/kg)	0.735	
% deviation from expected linearity		6.63%

17. Simultaneous Transmission Analysis

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

General Note:

1. This device supports VoIP in GPRS, EGPRS, WCDMA and LTE (e.g. for 3rd-party VoIP), LTE supports VoLTE operation.
2. WWAN above includes 5G NR bands and EN-DC combination.
3. WLAN5GHz/6GHz MIMO SAR can represent SISO SAR to do co-located SAR analysis.
4. EUT will choose each GSM, WCDMA, LTE and 5GNR according to the network signal condition; therefore, they will not operate simultaneously at any moment.
5. For EN-DC mode, MediaTek TA-SAR algorithm in WWAN adds directly the time-averaged RF exposure from 4G(LTE) and time-averaged RF exposure from 5G NR. TA-SAR algorithm controls the total RF exposure from both 4G and 5G NR to not exceed SAR exposure limit. Therefore, simultaneous transmission compliance between 4G+5G NR operation is demonstrated in the Part 2 Report during algorithm validation. In this Report, simultaneous transmission compliance was evaluated individually with other Radios (WLAN or BT) using one of 4G or 5G NR.
6. This device 2.4GHz WLAN support hotspot operation and Bluetooth support tethering applications.
7. This device 5.2GHz WLAN/5.8GHz WLAN support hotspot operation, and 5.2GHz WLAN/5.8GHz WLAN supports WLAN Direct (GC/GO), and 5.3GHz / 5.5GHz supports WLAN Direct (GC only). WLAN 6GHz has no hotspot function.
8. According to the EUT characteristic, WLAN 5GHz/6GHz and Bluetooth can transmit simultaneously.
9. According to the EUT characteristic, WLAN 5GHz/6GHz and WLAN 2.4GHz can transmit simultaneously.
10. According to the EUT characteristic, when WLAN 2.4GHz and Bluetooth share the same antenna path and cannot

transmit simultaneously; when WLAN2.4GHz ant8 and Bluetooth ant10 are located on different antennas, they can transmit simultaneously, and when WLAN2.4GHz ant10 and Bluetooth ant8 are located on different antennas, they cannot transmit simultaneously,

11. According to the EUT characteristic, WLAN 5GHz and WLAN 6GHz can't transmit simultaneously.
12. According to the EUT characteristic, WWAN +WLAN 2.4GHz ant 8 + WLAN 5GHz/6GHz + BT ant10 can transmit simultaneously.
13. NFC can transmit simultaneously with other Radios in extremity exposure condition.
14. Since WPT is designed for desktop charging applications and only operate on extremity exposure conditions.
15. For Headset SAR and non-Headset SAR always chose higher SAR to do co-located analysis.
16. For distance SAR and non-distance SAR always chose higher SAR to do co-located analysis.
17. The worst case 5 GHz WLAN SAR for each configuration was used for SAR summation.
18. When stand-alone SAR is not required for a transmitter or antenna, its SAR is considered zero in the SAR summing process to assess Multi-band transmission SAR compliance.
19. For standalone WWAN, always choose the highest SAR among all WWAN bands within the selected antenna for each exposure position to perform simultaneous transmission analysis with WLAN/BT. This is the worst co-located analysis and can represent each band.
20. The maximum SAR summation is calculated based on the same configuration and test position.
21. For simultaneously analysis, since the SAR summation of 3 transmitters can cover others combination of 2 transmitters, therefore in this section did not additional to evaluate 2TX combination of simultaneously transmission.
22. Per KDB 447498 D01v06, simultaneous transmission SAR is compliant if,
    i) 1g Scalar SAR summation < 1.6W/kg and 10g Scalar SAR summation < 4.0W/kg.
    ii) SPLSR = (SAR1 + SAR2)^1.5 / (min. separation distance, mm), and the peak separation distance is determined from the square root of [(x1-x2)2 + (y1-y2)2 + (z1-z2)2], where (x1, y1, z1) and (x2, y2, z2) are the coordinates of the extrapolated peak SAR locations in the zoom scan.
    iii) If SPLSR ≤ 0.04 for 1g SAR and SPLSR≤ 0.10 for 10g SAR, simultaneously transmission SAR measurement is not necessary.
    iv) Simultaneously transmission SAR measurement, and the reported multi-band 1g SAR < 1.6W/kg and 10g SAR < 4.0W/kg.
    v) The SPLSR calculated results please refer to section 17.6.

17.1 5G NR + LTE + WLAN + BT Sim-Tx analysis

In 5G NR + LTE + WLAN + BT simultaneous transmission, 5G NR and LTE transmission are managed and controlled by MediaTek TA-SAR, while the RF exposure from WLAN and BT radios is managed using legacy approach, i.e., through a fixed power back-off if needed.

Since WLAN and BT do not employ time-averaging, 1gSAR and 10gSAR measurement for WLAN and BT need to be conducted at their corresponding rated power following current FCC test procedures to determine reported SAR values.

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

$$x*A + y*B + m \le 1$$
$$x + y = g \le 1$$
$$g + m \le 1$$

Where, A is normalized reported time-averaged SAR exposure ratio from LTE, and A ≤ 1.0; B is normalized reported time-averaged exposure ratio from 5G NR (i.e., PD exposure for 5G FR2 or SAR exposure for 5G FR1), and B ≤1.0.

Let m = normalized reported SAR exposure ratio from WLAN+BT, then for compliance,

$$x * A + y * B + m \le 1.0 \qquad (1)$$

$$x * A + y * B \le x * \max(A, B) + (g-x) * \max(A, B) \le \max(A, B)$$

$$x * A + (g-x) * B + m \le \max(A, B) + m \le 1.0 \qquad (2)$$

If A + m ≤ 1.0 and B + m ≤ 1.0 can be proven, then “x * A + y * B + m ≤ 1.0”. Therefore simultaneous transmission analysis for 5G NR + LTE + WLAN + BT can be performed in two steps

Step 1: Prove total exposure ratio (TER) of LTE + WLAN + BT < 1
Step 2: Prove total exposure ratio (TER) of 5G NR + WLAN + BT < 1

Else, if A + m > 1.0 and/or B + m > 1.0, then the followings need to hold true for compliance:
i. A and m are decoupled based on the SPLSR criteria, and
ii. y * B + m ≤ 1.0, and
iii. x% * A + y * B ≤ 1.0
Note iii. is covered in Part 2 report; i. and ii. should be addressed in Part 1 report.

Above analysis is also apply to LTE/NR inter-band uplink, LTE1 + LTE(NR)2 + WLAN + BT simultaneous transmission, so inter-band uplink CA no need to do additional simultaneously analysis again. Only required comply with total exposure ratio (TER) of LTE/NR + WLAN + BT < 1.

The device also enabled Mediatek's TA-SAR Gen2 algorithm to improve antenna performance by applying separate SAR budgets to each predefined antenna group. There are two predefined antenna groups of AG0, AG1, more detail as following table. Each antenna group is spatially separated to others. Simultaneous transmission analysis is performed per antenna group. Below analysis demonstrates the spatially separation of AG0, AG1, and the compliance between AG0 and BT/WLAN/NFC and between AG1 and BT/WLAN/NFC.

Thus, the concept was to split the SAR/TER on the transmitting RATs even they are transmitting on different antennas. Such approach is considered as a worst-case scenario in terms of transmitting power. Thus, to enhance the performance of the transmission power of RATs, consider the spatial properties of each antenna and the correlations between the antenna's transmissions.

SPLSR_Group (Antenna Group):

Antenna Group 0 (AG0)	ANT1 & ANT2 & ANT3 & ANT5 & ANT6 & ANT7 & ANT8 & ANT9
Antenna Group 1 (AG1)	ANT0 & ANT4

Note that WLAN/BT operations are not enabled with TA-SAR Gen2 feature.

The verification of spatial separation of the antenna groups is demonstrated through the following steps, together with WIF/BT simultaneous transmission analysis results.

i) The highest reported SAR at Plimit (or Pmax when Plimit > Pmax) for each antenna should be obtained out of all supported technologies and frequency bands for each power index. Demonstrate that the sum of reported SAR of one antenna from each of the antenna groups and the sum of RF exposure from all supported radios outside of TAS feature should be less than the regulatory limit as given below for each power index.

ii) If the sum of SAR from step i) is over 1.6 W/kg for 1g, demonstrate for a given power index that every antenna from one antenna group meets SPLSR criteria with every antenna in another antenna group for all frequency bands. SPLSR criteria must be demonstrated for all antenna pair combinations irrespective of supported simultaneous transmission scenarios, SPLSR Hotspot combination procedure (Hybrid SPLSR) also be considered for simultaneous transmission analysis.

iii) If SPLSR evaluation and analysis is needed to determine compliance for a certain power index configuration, SPLSR is performed by taking the highest summation SAR for each of the supported technologies and bands per antenna, along with the minimum of peak SAR location distance. The minimum of peak location distance is documented in the Highest Report SAR and Hotspot Location below for each power index configuration.

iv) In section 17.6 SPLSR analysis only evaluation Sim-Tx SAR configuration are rounded to two decimal higher or equal to 1.6W/kg.

v) The analysis addresses the simultaneous transmission and the transition among non-simultaneous transmission radios

For summed SAR results and SPLSR detailed analysis, please refer to section 17.2/17.3 / 17.4 / 17.5 / 17.6 of this report. All of the combinations of sub6 antenna groups are sufficient to show that AG0 is mutually exclusive from AG1 and that simultaneous transmission cases will not exceed the SAR limit and therefore no measured volumetric simultaneous SAR summation is required per FCC KDB Publication 447498 D01v06 and IEEE 1528- 2013 Section 6.3.4.1.

17.2 Head Exposure Conditions

General Note: The unit of SAR evaluation is W/kg.
Simultaneous Transmission Evaluation of WWAN+WLAN+BT:
<AG0 maximum reported SAR>:

Test Position	Ant1	Ant2	Ant3	Ant5	Ant6	Ant7	Ant8	Ant9	MAX
Right Cheek	0.754	1.067	1.083	1.010	0.420	1.092	0.291	1.011	**1.092**
Right Tilted	0.161	0.155	0.547	1.092	0.448	0.362	0.154	0.698	**1.092**
Left Cheek	1.053	1.090	0.489	0.770	1.049	0.461	1.093	0.356	**1.093**
Left Tilted	0.762	0.243	0.255	0.896	1.070	0.145	0.399	0.373	**1.070**

<AG1 maximum reported SAR>:

Test Position	Ant0	Ant4	MAX
Right Cheek	0.321	0.263	**0.321**
Right Tilted	0.190	0.185	**0.190**
Left Cheek	0.278	0.284	**0.284**
Left Tilted	0.138	0.141	**0.141**

<WLAN2.4GHz/5GHz/6GHz +BT Worse-case SAR>:

NO	1	2	3	4	5	6	7	8	9	10	11	12
Test Position	WLAN5GHz Ant 6+17 Non DBS	WLAN6GHz Ant 6+17 Non DBS	WLAN5GHz Ant 6+17 DBS	WLAN6GHz Ant 6+17 DBS	WLAN2.4GHz Ant 8 DBS	WLAN2.4GHz Ant 8 Non DBS	WLAN2.4GHz Ant 10+8 DBS	Bluetooth Ant 10 Non DBS	Bluetooth Ant 8 Non DBS	Bluetooth Ant 10 Non DBS BF/DBS	Bluetooth Ant 8 Non DBS BF	WLAN2.4GHz Ant 10+8 Non DBS
	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)
Right Cheek	0.082	0.071	0.082	0.071	0.045	0.052	0.032	0.097	0.000	0.000	0.000	0.075
Right Tilted	0.133	0.061	0.133	0.061	0.035	0.000	0.023	0.147	0.000	0.000	0.000	0.079
Left Cheek	0.232	0.227	0.232	0.227	0.121	0.228	0.147	0.239	0.247	0.123	0.119	0.240
Left Tilted	0.139	0.152	0.139	0.152	0.102	0.095	0.073	0.213	0.109	0.097	0.000	0.161

NO / Test Position	1+8	2+8	1+9	2+9	1+10+11	2+10+11	5+3+10	5+4+10	7+3	7+4	6+8	1+12	WLAN+BT worse case
	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)
Right Cheek	0.179	0.168	0.082	0.071	0.082	0.071	0.127	0.116	0.114	0.103	0.149	0.157	**0.179**
Right Tilted	0.280	0.208	0.133	0.061	0.133	0.061	0.168	0.096	0.156	0.084	0.147	0.212	**0.280**
Left Cheek	0.471	0.466	0.479	0.474	0.474	0.469	0.476	0.471	0.379	0.374	0.467	0.472	**0.479**
Left Tilted	0.352	0.365	0.248	0.261	0.236	0.249	0.338	0.351	0.212	0.225	0.308	0.300	**0.365**

<Simultaneous Transmission analysis of AG0 + AG1 + WLAN+BT Worse-case>:

Test Position	AG0	AG1	WLAN/BT worst case	AG1+AG0+WLAN +BT worse case
	1g SAR (W/kg)	1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)
Right Cheek	1.092	0.321	0.179	**1.59**
Right Tilted	1.092	0.190	0.280	1.56
Left Cheek	1.093	0.284	0.479	**1.86**
Left Tilted	1.070	0.141	0.365	1.58

Note: The results marked yellow in above table refers to the detailed analysis corresponding to each position below tables.

Left Cheek					
Ant combination	AG1	AG0	WLAN/BT worst case	AG1+AG0+WLAN +BT worst case	SPLSR
	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	
Ant0-Ant1	0.278	1.053	0.479	**1.81**	**Case 1**
Ant0-Ant2	0.278	1.090	0.479	**1.85**	**Case 2**
Ant0-Ant3	0.278	0.489	0.479	1.25	
Ant0-Ant5	0.278	0.770	0.479	1.53	
Ant0-Ant6	0.278	1.049	0.479	**1.81**	**Case 3**
Ant0-Ant7	0.278	0.461	0.479	1.22	
Ant0-Ant8	0.278	1.093	0.479	**1.85**	**Case 4**
Ant0-Ant9	0.278	0.356	0.479	1.11	
Ant4-Ant1	0.284	1.053	0.479	**1.82**	**Case 5**
Ant4-Ant2	0.284	1.090	0.479	**1.85**	**Case 6**
Ant4-Ant3	0.284	0.489	0.479	1.25	
Ant4-Ant5	0.284	0.770	0.479	1.53	
Ant4-Ant6	0.284	1.049	0.479	**1.81**	**Case 7**
Ant4-Ant7	0.284	0.461	0.479	**1.22**	
Ant4-Ant8	0.284	1.093	0.479	**1.86**	**Case 8**
Ant4-Ant9	0.284	0.356	0.479	1.12	

<Simultaneous Transmission analysis of WLAN+BT and WWAN cell-off >:

NO	1	2	3	4	5	6	7	8	3+7+8	5+7+8	1+4+7	1+6+7	2+4	2+6
Test Position	WLAN2.4GHz Ant8 WIFI only DBS	WLAN2.4GHz Ant10+8 WIFI only DBS	WLAN5GHz Ant 6+17 WIFI only Non DBS	WLAN5GHz Ant 6+17 WIFI only DBS	WLAN6GHz Ant 6+17 WIFI only Non DBS	WLAN6GHz Ant 6+17 WIFI only DBS	Bluetooth Ant 10 WIFI onlyNon DBS BF/DBS	Bluetooth Ant 8 WIFI onlyNon DBS BF						
	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)
Right Cheek	0.467	0.543	0.718	0.572	0.336	0.278	0.285	0.396	1.40	1.02	1.32	1.03	1.12	0.82
Right Tilted	0.467	0.543	0.718	0.572	0.307	0.248	0.285	0.396	1.40	0.99	1.32	1.00	1.12	0.79
Left Cheek	0.467	0.543	0.718	0.572	0.764	0.573	0.285	0.396	1.40	1.45	1.32	1.33	1.12	1.12
Left Tilted	0.467	0.543	0.718	0.572	0.498	0.417	0.285	0.396	1.40	1.18	1.32	1.17	1.12	0.96

17.3 Hotspot Exposure Conditions

General Note: The unit of SAR evaluation is W/kg.
Simultaneous Transmission Evaluation of WWAN+WLAN+BT:
<AG0 maximum reported SAR>:

Test Position	Ant1	Ant2	Ant3	Ant5	Ant6	Ant7	Ant8	Ant9	MAX
Front	0.662	0.400	0.252	0.278	0.119	0.245	0.253	0.041	**0.662**
Back	0.721	0.525	0.310	0.391	0.137	0.465	0.385	0.467	**0.721**
Left Side	0.952		0.435	0.161		0.678		0.069	**0.952**
Right Side		0.624			0.053		0.614		**0.624**
Top Side			0.110	0.554	0.208		0.098	0.051	**0.554**
Bottom Side									

<AG1 maximum reported SAR>:

Test Position	Ant0	Ant4	MAX
Front	0.501	0.463	**0.501**
Back	0.604	0.542	**0.604**
Left Side		0.205	**0.205**
Right Side	0.631		**0.631**
Top Side			
Bottom Side	0.372	0.881	**0.881**

<WLAN2.4GHz/5GHz+BT Worse-case SAR>:

NO	1	3	5	6	7	8	9	10	11	**12**
Test Position	WLAN5GHz Ant 6+17 Non DBS	WLAN5GHz Ant 6+17 DBS	WLAN2.4GHz Ant 8 DBS	WLAN2.4GHz Ant 8 Non DBS	WLAN2.4GHz Ant 10+8 DBS	Bluetooth Ant 10 Non DBS	Bluetooth Ant 8 Non DBS	Bluetooth Ant 10 Non DBS BF/DBS	Bluetooth Ant 8 Non DBS BF	**WLAN2.4GHz Ant 10+8 Non DBS**
	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	**1g SAR (W/kg)**
Front	0.123	0.123		0.074	0.055	0.066	0.061			0.063
Back	0.083	0.083		0.090	0.064	0.091	0.108			0.102
Left Side										
Right Side	0.102	0.102	0.072	0.144	0.080		0.168		0.094	0.160
Top Side	0.107	0.107				0.139	0.041	0.067		0.090
Bottom Side										

NO / Test Position	1+8	1+9	2+9	1+10+11	5+3+10	7+3	6+8	1+12	WLAN+BT worse case
	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)
Front	0.189	0.184	0.061	0.123	0.123	0.178	0.140	0.186	**0.189**
Back	0.174	0.191	0.108	0.083	0.083	0.147	0.181	0.185	**0.191**
Left Side	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.000**
Right Side	0.102	0.270	0.168	0.196	0.174	0.182	0.144	0.262	**0.270**
Top Side	0.246	0.148	0.041	0.174	0.174	0.107	0.139	0.197	**0.246**
Bottom Side	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	**0.000**

<Simultaneous Transmission analysis of AG0 + AG1 + WLAN+BT Worse-case>:

Test Position	AG0	AG1	WLAN/BT worst case	AG1+AG0+WLAN +BT worse case
	1g SAR (W/kg)	1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)
Front	0.662	0.501	0.189	1.35
Back	0.721	0.604	0.191	1.52
Left Side	0.952	0.205		1.16
Right Side	0.624	0.631	0.270	1.53
Top Side	0.554		0.246	0.80
Bottom Side		0.881		0.88

Note: The results marked yellow in above table refers to the detailed analysis corresponding to each position below tables.

<Simultaneous Transmission analysis of WLAN+BT and WWAN cell-off >:

NO	1	2	3	4	7	8	3+7+8	1+4+7	2+4
Test Position	WLAN2.4GHz Ant8 WIFI only DBS	WLAN2.4GHz Ant10+8 WIFI only DBS	WLAN5GHz Ant 6+17 WIFI only Non DBS	WLAN5GHz Ant 6+17 WIFI only DBS	Bluetooth Ant 10 WIFI onlyNon DBS BF/DBS	Bluetooth Ant 8 WIFI onlyNon DBS BF			
	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)
Front	0.269	0.273	0.515	0.515	0.258	0.476	1.25	1.04	0.79
Back	0.269	0.273	0.515	0.515	0.258	0.476	1.25	1.04	0.79
Left Side	0.269	0.273	0.515	0.515	0.258	0.476	1.25	1.04	0.79
Right Side	0.269	0.273	0.515	0.515	0.258	0.476	1.25	1.04	0.79
Top Side	0.269	0.273	0.515	0.515	0.258	0.476	1.25	1.04	0.79
Bottom Side	0.269	0.273	0.515	0.515	0.258	0.476	1.25	1.04	0.79

17.4 Body-Worn Accessory Exposure Conditions

General Note: The unit of SAR evaluation is W/kg.
Simultaneous Transmission Evaluation of WWAN+WLAN+BT:
<AG0 maximum reported SAR>:

Test Position	Ant1	Ant2	Ant3	Ant5	Ant6	Ant7	Ant8	Ant9	MAX
Front	0.984	0.878	1.066	0.882	0.897	0.643	0.625	0.135	**1.066**
Back	1.054	1.092	1.089	1.093	1.060	1.093	1.091	1.091	**1.093**

<AG1 maximum reported SAR>:

Test Position	Ant0	Ant4	MAX
Front	0.926	0.930	**0.930**
Back	1.038	1.075	**1.075**

<WLAN2.4GHz/5GHz/6GHz +BT Worse-case SAR>:

NO	1	2	3	4	5	6	7	8	9	10	11	12
Test Position	WLAN5GHz Ant 6+17 Non DBS	WLAN6GHz Ant 6+17 Non DBS	WLAN5GHz Ant 6+17 DBS	WLAN6GHz Ant 6+17 DBS	WLAN2.4GHz Ant 8 DBS	WLAN2.4GHz Ant 8 Non DBS	WLAN2.4GHz Ant 10+8 DBS	Bluetooth Ant 10 Non DBS	Bluetooth Ant 8 Non DBS	Bluetooth Ant 10 Non DBS BF/DBS	Bluetooth Ant 8 Non DBS BF	WLAN2.4GHz Ant 10+8 Non DBS
	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)
Front	0.229	0.190	0.229	0.190	0.100	0.201	0.124	0.149	0.217	0.072	0.107	0.205
Back	0.253	0.168	0.253	0.168	0.122	0.261	0.140	0.239	0.233	0.107	0.126	0.242

NO / Test Position	1+8	2+8	1+9	2+9	1+10+11	2+10+11	5+3+10	5+4+10	7+3	7+4	6+8	1+12	WLAN+BT worse case
	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)
Front	0.378	0.339	0.446	0.407	0.408	0.369	0.401	0.362	0.353	0.314	0.350	0.434	**0.446**
Back	0.492	0.407	0.486	0.401	0.486	0.401	0.482	0.397	0.393	0.308	0.500	0.495	**0.500**

<Simultaneous Transmission analysis of AG0 + AG1 + WLAN+BT Worse-case>:

Test Position	AG0	AG1	WLAN/BT worst case	AG1+AG0+WLAN +BT worse case
	1g SAR (W/kg)	1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)
Front	1.066	0.930	0.446	**2.44**
Back	1.093	1.075	0.500	**2.67**

Note: The results marked yellow in above table refers to the detailed analysis corresponding to each position below tables.

Front					
Ant combination	**AG1**	**AG0**	**WLAN/BT worst case**	**AG1+AG0+WLAN +BT worst case**	**SPLSR**
	1g SAR (W/kg)	**1g SAR (W/kg)**	**1g SAR (W/kg)**	**1g SAR (W/kg)**	
Ant0-Ant1	0.926	0.984	0.446	**2.36**	**Case 1**
Ant0-Ant2	0.926	0.878	0.446	**2.25**	**Case 2**
Ant0-Ant3	0.926	1.066	0.446	**2.44**	**Case 3**
Ant0-Ant5	0.926	0.882	0.446	**2.25**	**Case 4**
Ant0-Ant6	0.926	0.897	0.446	**2.27**	**Case 5**
Ant0-Ant7	0.926	0.643	0.446	**2.02**	**Case 6**
Ant0-Ant8	0.926	0.625	0.446	**2.00**	**Case 7**
Ant0-Ant9	0.926	0.135	0.446	1.51	
Ant4-Ant1	0.930	0.984	0.446	**2.36**	**Case 8**
Ant4-Ant2	0.930	0.878	0.446	**2.25**	**Case 9**
Ant4-Ant3	0.930	1.066	0.446	**2.44**	**Case 10**
Ant4-Ant5	0.930	0.882	0.446	**2.26**	**Case 11**
Ant4-Ant6	0.930	0.897	0.446	**2.27**	**Case 12**
Ant4-Ant7	0.930	0.643	0.446	**2.02**	**Case 13**
Ant4-Ant8	0.930	0.625	0.446	**2.00**	**Case 14**

Ant4-Ant9	0.930	0.135	0.446	1.51	

Back					
Ant combination	AG1	AG0	WLAN/BT worst case	AG1+AG0+WLAN +BT worst case	SPLSR
	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	
Ant0-Ant1	1.038	1.054	0.500	2.59	Case 15
Ant0-Ant2	1.038	1.092	0.500	2.63	Case 16
Ant0-Ant3	1.038	1.089	0.500	2.63	Case 17
Ant0-Ant5	1.038	1.093	0.500	2.63	Case 18
Ant0-Ant6	1.038	1.060	0.500	2.60	Case 19
Ant0-Ant7	1.038	1.093	0.500	2.63	Case 20
Ant0-Ant8	1.038	1.091	0.500	2.63	Case 21
Ant0-Ant9	1.038	1.091	0.500	2.63	Case 22
Ant4-Ant1	1.075	1.054	0.500	2.63	Case 23
Ant4-Ant2	1.075	1.092	0.500	2.67	Case 24
Ant4-Ant3	1.075	1.089	0.500	2.66	Case 25
Ant4-Ant5	1.075	1.093	0.500	2.67	Case 26
Ant4-Ant6	1.075	1.060	0.500	2.64	Case 27
Ant4-Ant7	1.075	1.093	0.500	2.67	Case 28
Ant4-Ant8	1.075	1.091	0.500	2.67	Case 29
Ant4-Ant9	1.075	1.091	0.500	2.67	Case 30

<Simultaneous Transmission analysis of WLAN+BT and WWAN cell-off >:

NO	1	2	3	4	5	6	7	8	3+7+8	5+7+8	1+4+7	1+6+7	2+4	2+6
Test Position	WLAN2.4GHz Ant8 WIFI only DBS	WLAN2.4GHz Ant10+8 WIFI only DBS	WLAN5GHz Ant 6+17 WIFI only Non DBS	WLAN5GHz Ant 6+17 WIFI only DBS	WLAN6GHz Ant 6+17 WIFI only Non DBS	WLAN6GHz Ant 6+17 WIFI only DBS	Bluetooth Ant 10 WIFI onlyNon DBS BF/DBS	Bluetooth Ant 8 WIFI onlyNon DBS BF						
	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)
Front	0.415	0.555	0.798	0.597	0.302	0.302	0.401	0.384	1.58	1.09	1.41	1.12	1.15	0.86
Back	0.415	0.555	0.798	0.597	0.479	0.479	0.401	0.384	1.58	1.26	1.41	1.30	1.15	1.03

17.5 Product specific 10g SAR Exposure Conditions

<Simultaneous Transmission analysis of WLAN+NFC and WWAN cell-off>:

NO	1	2	3	4	5	3+5	4+5	1+3+5	1+4+5	2+3+5	2+4+5
Test Position	WLAN2.4GHz Ant8 Standalone	WLAN2.4GHz Ant10+8 Standalone	WLAN5GHz Ant 6+17 Standalone	WLAN6GHz Ant 6+17 Standalone	NFC						
	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	Summed 10g SAR (W/kg)	Summed 10g SAR (W/kg)	Summed 10g SAR (W/kg)	Summed 10g SAR (W/kg)	Summed 10g SAR (W/kg)	Summed 10g SAR (W/kg)
Front			2.047	0.241	0.000	2.05	0.24	2.05	0.24	2.05	0.24
Back			0.650	0.095	0.044	0.69	0.14	0.69	0.14	0.69	0.14
Left Side			0.033	0.006	0.000	0.03	0.01	0.03	0.01	0.03	0.01
Right Side	1.502	2.195	1.321	0.741	0.000	1.32	0.74	2.82	2.24	3.52	2.94
Top Side			2.486	0.198	0.000	2.49	0.20	2.49	0.20	2.49	0.20

Remark:

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

<Total exposure ratio>

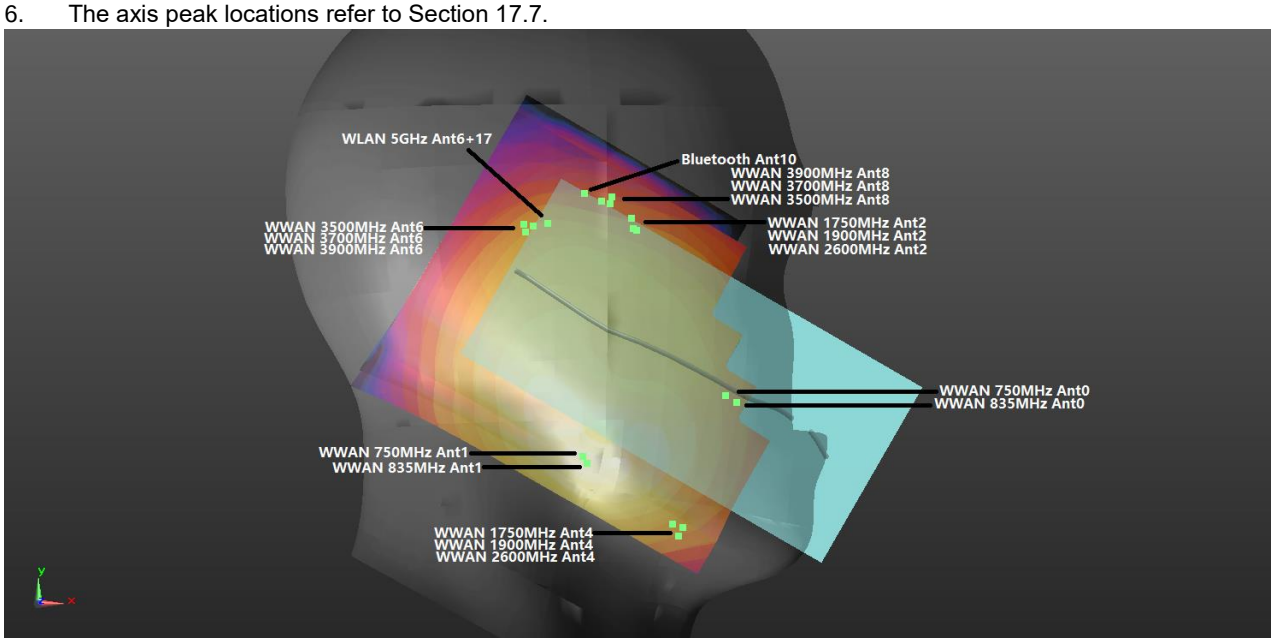
Max 10g SAR	WPT SAR	TER
(W/kg)	(W/kg)	Reported SAR/4.0 + WPT SAR /4.0 Summation
3.52	0.0000000623	0.880

Remark: WPT SAR value is from another WPT SAR report which is submitted separately.

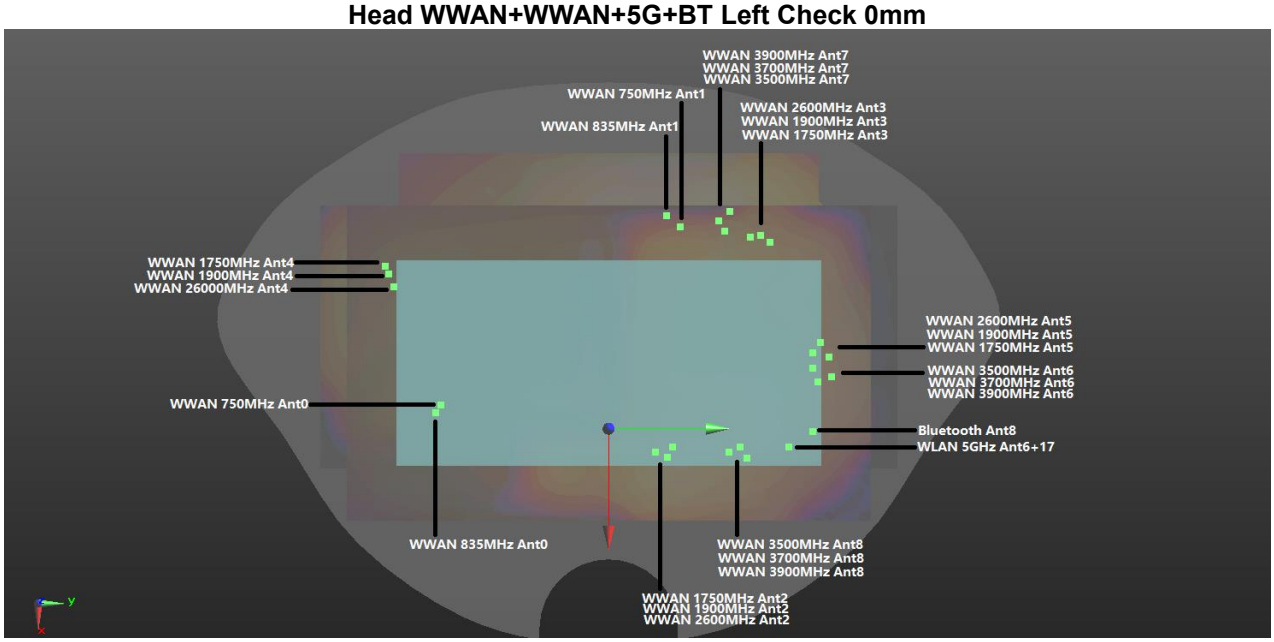
17.6 SPLSR Evaluation and Analysis

General Note:

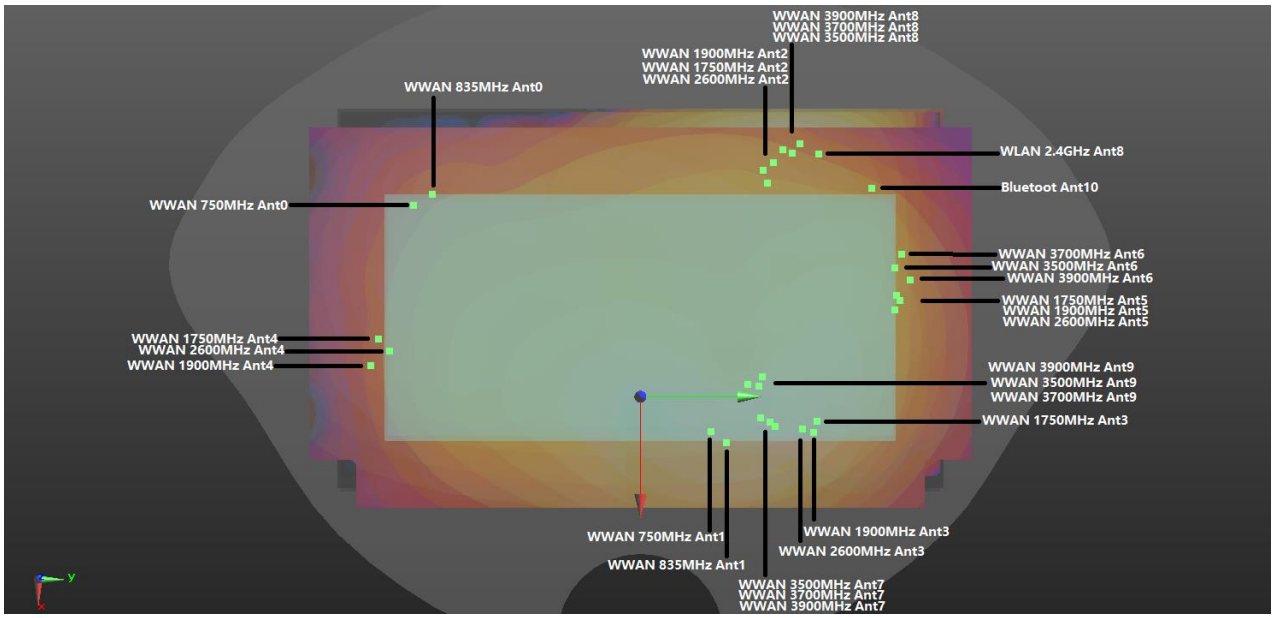
1. When standalone SAR is measured for both antennas in the pair, the peak location separation distance is computed by the square root of [(x1−x2)2 + (y1−y2)2 + (z1−z2)2], where (x1, y1, z1) and (x2, y2, z2) are the coordinates in the area scans or extrapolated peak SAR locations in the zoom scans, as appropriate.
2. SPLSR = (SAR1 + SAR2)1.5 / (min. separation distance, mm). If SPLSR ≤ 0.04 for 1g SAR and SPLSR ≤ 0.10 for 10g SAR, simultaneously transmission SAR measurement is not necessary.
3. Per April 2022 TCB Workshop Notes, WLAN /BT/ NFC was summed algebraically with the AG0 for the purposes of hybrid SPLSR combination and they are located at the top of the device
4. Per April 2022 TCB Workshop, instead of doing a small volume scan over a co-located antenna pair, used summing the SAR values of the co-located pair and using that value in SPLSR calculation. In the calculation used the minimum distance between the spatially separated antenna and the closest antenna of the co-located antenna pair to be conservative.
5. The detail hotspot point for each transmitter in each exposure condition are showing as below figure and the minimum 3D distance for each sum combination is used for SPLSR analysis.
6. The axis peak locations refer to Section 17.7.



Head WWAN+WWAN+5G+BT Left Check 0mm



Body worn WWAN+WWAN+5G+BT Front 5mm



Body worn WWAN+WWAN+5G+BT Back 5mm

<Head>

No.1	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant0	Left Cheek	0.278	0.278	0mm	82.57	-10.23	-0.74	79.6	1.81	0.03	Not required
Ant1		1.053	1.532	0mm	27.47	-67.7	-0.36				
WLAN5GHz Ant6+17		0.232		0mm							
Bluetooth Ant10		0.247		0mm							
Ant0	Left Cheek	0.278	0.278	0mm	82.57	-10.23	-0.74	62.9	1.81	0.04	Not required
Ant1		1.053	1.532	0mm							
WLAN5GHz Ant6+17		0.232		0mm	24.84	14.86	-1.14				
Bluetooth Ant10		0.247		0mm							
Ant0	Left Cheek	0.278	0.278	0mm	82.57	-10.23	-0.74	74.6	1.81	0.03	Not required
Ant1		1.053	1.532	0mm							
WLAN5GHz Ant6+17		0.232		0mm							
Bluetooth Ant10		0.247		0mm	17.06	25.4	-0.68				
No.2	**Position**	**SAR 1g SAR (W/kg)**	**Summed**	**Gap**	**SAR peak location (mm)**			**3D distance (mm)**	**Summed SAR (W/kg)**	**SPLSR Results**	**Simultaneous SAR**
					X	Y	Z				
Ant0	Left Cheek	0.278	0.278	0mm	82.57	-10.23	-0.74	63.9	1.85	0.04	Not required
Ant2		1.090	1.569	0mm	23.49	14.15	-1.93				
WLAN5GHz Ant6+17		0.232		0mm							
Bluetooth Ant10		0.247		0mm							
Ant0	Left Cheek	0.278	0.278	0mm	82.57	-10.23	-0.74	62.9	1.85	0.04	Not required
Ant2		1.090	1.569	0mm							
WLAN5GHz Ant6+17		0.232		0mm	24.84	14.86	-1.14				
Bluetooth Ant10		0.247		0mm							
Ant0	Left Cheek	0.278	0.278	0mm	82.57	-10.23	-0.74	74.6	1.85	0.03	Not required
Ant2		1.090	1.569	0mm							
WLAN5GHz Ant6+17		0.232		0mm							
Bluetooth Ant10		0.247		0mm	17.06	25.4	-0.68				
No.3	**Position**	**SAR 1g SAR (W/kg)**	**Summed**	**Gap**	**SAR peak location (mm)**			**3D distance (mm)**	**Summed SAR (W/kg)**	**SPLSR Results**	**Simultaneous SAR**
					X	Y	Z				
Ant0	Left Cheek	0.278	0.278	0mm	82.57	-10.23	-0.74	79.4	1.81	0.03	Not required
Ant6		1.049	1.528	0mm	9.33	20.45	-1.77				
WLAN5GHz Ant6+17		0.232		0mm							

Bluetooth Ant10		0.247		0mm							
Ant0	Left Cheek	0.278	0.278	0mm	82.57	-10.23	-0.74	62.9	1.81	0.04	Not required
Ant6		1.049	1.528	0mm							
WLAN5GHz Ant6+17		0.232		0mm	24.84	14.86	-1.14				
Bluetooth Ant10		0.247		0mm							
Ant0	Left Cheek	0.278	0.278	0mm	82.57	-10.23	-0.74	74.6	1.81	0.03	Not required
Ant6		1.049	1.528	0mm							
WLAN5GHz Ant6+17		0.232		0mm							
Bluetooth Ant10		0.247		0mm	17.06	25.4	-0.68				
No.4	**Position**	**SAR 1g SAR (W/kg)**	**Summed**	**Gap**	**SAR peak location (mm)**			**3D distance (mm)**	**Summed SAR (W/kg)**	**SPLSR Results**	**Simultaneous SAR**
					X	**Y**	**Z**				
Ant0	Left Cheek	0.278	0.278	0mm	82.57	-10.23	-0.74	67.4	1.85	0.04	Not required
Ant8		1.093	1.572	0mm	22.58	20.54	-0.73				
WLAN5GHz Ant6+17		0.232		0mm							
Bluetooth Ant10		0.247		0mm							
Ant0	Left Cheek	0.278	0.278	0mm	82.57	-10.23	-0.74	62.9	1.85	0.04	Not required
Ant8		1.093	1.572	0mm							
WLAN5GHz Ant6+17		0.232		0mm	24.84	14.86	-1.14				
Bluetooth Ant10		0.247		0mm							
Ant0	Left Cheek	0.278	0.278	0mm	82.57	-10.23	-0.74	74.6	1.85	0.03	Not required
Ant8		1.093	1.572	0mm							
WLAN5GHz Ant6+17		0.232		0mm							
Bluetooth Ant10		0.247		0mm	17.06	25.4	-0.68				
No.5	**Position**	**SAR 1g SAR (W/kg)**	**Summed**	**Gap**	**SAR peak location (mm)**			**3D distance (mm)**	**Summed SAR (W/kg)**	**SPLSR Results**	**Simultaneous SAR**
					X	**Y**	**Z**				
Ant4	Left Cheek	0.284	0.284	0mm	91.59	-62.12	-1.74	64.4	1.82	0.04	Not required
Ant1		1.053	1.532	0mm	27.47	-67.7	-0.36				
WLAN5GHz Ant6+17		0.232		0mm							
Bluetooth Ant10		0.247		0mm							
Ant4	Left Cheek	0.284	0.284	0mm	91.59	-62.12	-1.74	101.9	1.82	0.02	Not required
Ant1		1.053	1.532	0mm							
WLAN5GHz Ant6+17		0.232		0mm	24.84	14.86	-1.14				
Bluetooth Ant10		0.247		0mm							
Ant4	Left Cheek	0.284	0.284	0mm	91.59	-62.12	-1.74	115.0	1.82	0.02	Not required
Ant1		1.053	1.532	0mm							
WLAN5GHz Ant6+17		0.232		0mm							
Bluetooth Ant10		0.247		0mm	17.06	25.4	-0.68				
No.6	**Position**	**SAR 1g SAR (W/kg)**	**Summed**	**Gap**	**SAR peak location (mm)**			**3D distance (mm)**	**Summed SAR (W/kg)**	**SPLSR Results**	**Simultaneous SAR**
					X	**Y**	**Z**				
Ant4	Left Cheek	0.284	0.284	0mm	91.59	-62.12	-1.74	102.2	1.85	0.02	Not required
Ant2		1.090	1.569	0mm	23.49	14.15	-1.93				
WLAN5GHz Ant6+17		0.232		0mm							
Bluetooth Ant10		0.247		0mm							
Ant4	Left Cheek	0.284	0.284	0mm	91.59	-62.12	-1.74	101.9	1.85	0.02	Not required
Ant2		1.090	1.569	0mm							
WLAN5GHz Ant6+17		0.232		0mm	24.84	14.86	-1.14				
Bluetooth Ant10		0.247		0mm							
Ant4	Left Cheek	0.284	0.284	0mm	91.59	-62.12	-1.74	115.0	1.85	0.02	Not required
Ant2		1.090	1.569	0mm							
WLAN5GHz Ant6+17		0.232		0mm							
Bluetooth Ant10		0.247		0mm	17.06	25.4	-0.68				
No.7	**Position**	**SAR 1g SAR (W/kg)**	**Summed**	**Gap**	**SAR peak location (mm)**			**3D distance (mm)**	**Summed SAR (W/kg)**	**SPLSR Results**	**Simultaneous SAR**
					X	**Y**	**Z**				
Ant4	Left Cheek	0.284	0.284	0mm	91.59	-62.12	-1.74	116.6	1.81	0.02	Not required
Ant6		1.049	1.528	0mm	9.33	20.45	-1.77				
WLAN5GHz Ant6+17		0.232		0mm							

Bluetooth Ant10		0.247		0mm							
Ant4	Left Cheek	0.284	0.284	0mm	91.59	-62.12	-1.74	101.9	1.81	0.02	Not required
Ant6		1.049	1.528	0mm							
WLAN5GHz Ant6+17		0.232		0mm	24.84	14.86	-1.14				
Bluetooth Ant10		0.247		0mm							
Ant4	Left Cheek	0.284	0.284	0mm	91.59	-62.12	-1.74	115.0	1.81	0.02	Not required
Ant6		1.049	1.528	0mm							
WLAN5GHz Ant6+17		0.232		0mm							
Bluetooth Ant10		0.247		0mm	17.06	25.4	-0.68				
No.8	**Position**	**SAR 1g SAR (W/kg)**	**Summed**	**Gap**	**SAR peak location (mm)**			**3D distance (mm)**	**Summed SAR (W/kg)**	**SPLSR Results**	**Simultaneous SAR**
					X	**Y**	**Z**				
Ant4	Left Cheek	0.284	0.284	0mm	91.59	-62.12	-1.74	107.7	1.86	0.02	Not required
Ant8		1.093	1.572	0mm	22.58	20.54	-0.73				
WLAN5GHz Ant6+17		0.232		0mm							
Bluetooth Ant10		0.247		0mm							
Ant4	Left Cheek	0.284	0.284	0mm	91.59	-62.12	-1.74	101.9	1.86	0.02	Not required
Ant8		1.093	1.572	0mm							
WLAN5GHz Ant6+17		0.232		0mm	24.84	14.86	-1.14				
Bluetooth Ant10		0.247		0mm							
Ant4	Left Cheek	0.284	0.284	0mm	91.59	-62.12	-1.74	115.0	1.86	0.02	Not required
Ant8		1.093	1.572	0mm							
WLAN5GHz Ant6+17		0.232		0mm							
Bluetooth Ant10		0.247		0mm	17.06	25.4	-0.68				

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No.1	Position	SAR 1g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant0	Front	0.926	0.926	5mm	28.8	-65.2	-2.26	123.3	2.36	0.03	Not required
Ant1		0.984	1.430	5mm	-49.6	30	-2.36				
WLAN5GHz Ant6+17		0.229		5mm							
Bluetooth Ant8		0.217		5mm							
Ant0	Front	0.926	0.926	5mm	28.8	-65.2	-2.26	136.0	2.36	0.03	Not required
Ant1		0.984	1.430	5mm							
WLAN5GHz Ant6+17		0.229		5mm	26.4	70.8	-1.03				
Bluetooth Ant8		0.217		5mm							
Ant0	Front	0.926	0.926	5mm	28.8	-65.2	-2.26	147.2	2.36	0.02	Not required
Ant1		0.984	1.430	5mm							
WLAN5GHz Ant6+17		0.229		5mm							
Bluetooth Ant8		0.217		5mm	22	81.8	-1.81				
No.2	**Position**	**SAR 1g SAR (W/kg)**	**Summed**	**Gap**	**SAR peak location (mm)**			**3D distance (mm)**	**Summed SAR (W/kg)**	**SPLSR Results**	**Simultaneous SAR**
					X	Y	Z				
Ant0	Front	0.926	0.926	5mm	28.8	-65.2	-2.26	87.3	2.25	0.04	Not required
Ant2		0.878	1.324	5mm	33	22	-2.33				
WLAN5GHz Ant6+17		0.229		5mm							
Bluetooth Ant8		0.217		5mm							
Ant0	Front	0.926	0.926	5mm	28.8	-65.2	-2.26	136.0	2.25	0.02	Not required
Ant2		0.878	1.324	5mm							
WLAN5GHz Ant6+17		0.229		5mm	26.4	70.8	-1.03				
Bluetooth Ant8		0.217		5mm							
Ant0	Front	0.926	0.926	5mm	28.8	-65.2	-2.26	147.2	2.25	0.02	Not required
Ant2		0.878	1.324	5mm							
WLAN5GHz Ant6+17		0.229		5mm							
Bluetooth Ant8		0.217		5mm	22	81.8	-1.81				
No.3	**Position**	**SAR 1g SAR (W/kg)**	**Summed**	**Gap**	**SAR peak location (mm)**			**3D distance (mm)**	**Summed SAR (W/kg)**	**SPLSR Results**	**Simultaneous SAR**
					X	Y	Z				
Ant0	Front	0.926	0.926	5mm	28.8	-65.2	-2.26	140.2	2.44	0.03	Not required
Ant3		1.066	1.512	5mm	-48.1	52	-1.11				
WLAN5GHz Ant6+17		0.229		5mm							
Bluetooth Ant8		0.217		5mm							
Ant0	Front	0.926	0.926	5mm	28.8	-65.2	-2.26	136.0	2.44	0.03	Not required
Ant3		1.066	1.512	5mm							
WLAN5GHz Ant6+17		0.229		5mm	26.4	70.8	-1.03				
Bluetooth Ant8		0.217		5mm							
Ant0	Front	0.926	0.926	5mm	28.8	-65.2	-2.26	147.2	2.44	0.03	Not required
Ant3		1.066	1.512	5mm							
WLAN5GHz Ant6+17		0.229		5mm							
Bluetooth Ant8		0.217		5mm	22	81.8	-1.81				
No.4	**Position**	**SAR 1g SAR (W/kg)**	**Summed**	**Gap**	**SAR peak location (mm)**			**3D distance (mm)**	**Summed SAR (W/kg)**	**SPLSR Results**	**Simultaneous SAR**
					X	Y	Z				
Ant0	Front	0.926	0.926	5mm	28.8	-65.2	-2.26	150.4	2.25	0.02	Not required
Ant5		0.882	1.328	5mm	2	82.8	-1.77				
WLAN5GHz Ant6+17		0.229		5mm							
Bluetooth Ant8		0.217		5mm							
Ant0	Front	0.926	0.926	5mm	28.8	-65.2	-2.26	136.0	2.25	0.02	Not required
Ant5		0.882	1.328	5mm							
WLAN5GHz Ant6+17		0.229		5mm	26.4	70.8	-1.03				
Bluetooth Ant8		0.217		5mm							
Ant0	Front	0.926	0.926	5mm	28.8	-65.2	-2.26	147.2	2.25	0.02	Not required
Ant5		0.882	1.328	5mm							
WLAN5GHz Ant6+17		0.229		5mm							

Bluetooth Ant8		0.217		5mm	22	81.8	-1.81				
No.5	**Position**	**SAR 1g SAR (W/kg)**	**Summed**	**Gap**	**SAR peak location (mm)**			**3D distance (mm)**	**Summed SAR (W/kg)**	**SPLSR Results**	**Simultaneous SAR**
					X	**Y**	**Z**				
Ant0	Front	0.926	0.926	5mm	28.8	-65.2	-2.26	147.7	2.27	0.02	Not required
Ant6		0.897	1.343	5mm	-0.4	79.6	-1.08				
WLAN5GHz Ant6+17		0.229		5mm							
Bluetooth Ant8		0.217		5mm							
Ant0	Front	0.926	0.926	5mm	28.8	-65.2	-2.26	136.0	2.27	0.03	Not required
Ant6		0.897	1.343	5mm							
WLAN5GHz Ant6+17		0.229		5mm	26.4	70.8	-1.03				
Bluetooth Ant8		0.217		5mm							
Ant0	Front	0.926	0.926	5mm	28.8	-65.2	-2.26	147.2	2.27	0.02	Not required
Ant6		0.897	1.343	5mm							
WLAN5GHz Ant6+17		0.229		5mm							
Bluetooth Ant8		0.217		5mm	22	81.8	-1.81				
No.6	**Position**	**SAR 1g SAR (W/kg)**	**Summed**	**Gap**	**SAR peak location (mm)**			**3D distance (mm)**	**Summed SAR (W/kg)**	**SPLSR Results**	**Simultaneous SAR**
					X	**Y**	**Z**				
Ant0	Front	0.926	0.926	5mm	28.8	-65.2	-2.26	127.1	2.02	0.02	Not required
Ant7		0.643	1.089	5mm	-44.8	38.4	-1.17				
WLAN5GHz Ant6+17		0.229		5mm							
Bluetooth Ant8		0.217		5mm							
Ant0	Front	0.926	0.926	5mm	28.8	-65.2	-2.26	136.0	2.02	0.02	Not required
Ant7		0.643	1.089	5mm							
WLAN5GHz Ant6+17		0.229		5mm	26.4	70.8	-1.03				
Bluetooth Ant8		0.217		5mm							
Ant0	Front	0.926	0.926	5mm	28.8	-65.2	-2.26	147.2	2.02	0.02	Not required
Ant7		0.643	1.089	5mm							
WLAN5GHz Ant6+17		0.229		5mm							
Bluetooth Ant8		0.217		5mm	22	81.8	-1.81				
No.7	**Position**	**SAR 1g SAR (W/kg)**	**Summed**	**Gap**	**SAR peak location (mm)**			**3D distance (mm)**	**Summed SAR (W/kg)**	**SPLSR Results**	**Simultaneous SAR**
					X	**Y**	**Z**				
Ant0	Front	0.926	0.926	5mm	28.8	-65.2	-2.26	103.3	2.00	0.03	Not required
Ant8		0.625	1.071	5mm	34	38	-0.95				
WLAN5GHz Ant6+17		0.229		5mm							
Bluetooth Ant8		0.217		5mm							
Ant0	Front	0.926	0.926	5mm	28.8	-65.2	-2.26	136.0	2.00	0.02	Not required
Ant8		0.625	1.071	5mm							
WLAN5GHz Ant6+17		0.229		5mm	26.4	70.8	-1.03				
Bluetooth Ant8		0.217		5mm							
Ant0	Front	0.926	0.926	5mm	28.8	-65.2	-2.26	147.2	2.00	0.02	Not required
Ant8		0.625	1.071	5mm							
WLAN5GHz Ant6+17		0.229		5mm							
Bluetooth Ant8		0.217		5mm	22	81.8	-1.81				
No.8	**Position**	**SAR 1g SAR (W/kg)**	**Summed**	**Gap**	**SAR peak location (mm)**			**3D distance (mm)**	**Summed SAR (W/kg)**	**SPLSR Results**	**Simultaneous SAR**
					X	**Y**	**Z**				
Ant4	Front	0.930	0.930	5mm	-16.4	-80.8	-1.53	115.7	2.36	0.03	Not required
Ant1		0.984	1.430	5mm	-49.6	30	-2.36				
WLAN5GHz Ant6+17		0.229		5mm							
Bluetooth Ant8		0.217		5mm							
Ant4	Front	0.930	0.930	5mm	-16.4	-80.8	-1.53	157.5	2.36	0.02	Not required
Ant1		0.984	1.430	5mm							
WLAN5GHz Ant6+17		0.229		5mm	26.4	70.8	-1.03				
Bluetooth Ant8		0.217		5mm							
Ant4	Front	0.930	0.930	5mm	-16.4	-80.8	-1.53	167.1	2.36	0.02	Not required
Ant1		0.984	1.430	5mm							
WLAN5GHz Ant6+17		0.229		5mm							

Bluetooth Ant8		0.217		5mm	22	81.8	-1.81				
No.9	**Position**	**SAR 1g SAR (W/kg)**	**Summed**	**Gap**	**SAR peak location (mm)**			**3D distance (mm)**	**Summed SAR (W/kg)**	**SPLSR Results**	**Simultaneous SAR**
					X	**Y**	**Z**				
Ant4	Front	0.930	0.930	5mm	-16.4	-80.8	-1.53	114.1	2.25	0.03	Not required
Ant2		0.878	1.324	5mm	33	22	-2.33				
WLAN5GHz Ant6+17		0.229		5mm							
Bluetooth Ant8		0.217		5mm							
Ant4	Front	0.930	0.930	5mm	-16.4	-80.8	-1.53	157.5	2.25	0.02	Not required
Ant2		0.878	1.324	5mm							
WLAN5GHz Ant6+17		0.229		5mm	26.4	70.8	-1.03				
Bluetooth Ant8		0.217		5mm							
Ant4	Front	0.930	0.930	5mm	-16.4	-80.8	-1.53	167.1	2.25	0.02	Not required
Ant2		0.878	1.324	5mm							
WLAN5GHz Ant6+17		0.229		5mm							
Bluetooth Ant8		0.217		5mm	22	81.8	-1.81				
No.10	**Position**	**SAR 1g SAR (W/kg)**	**Summed**	**Gap**	**SAR peak location (mm)**			**3D distance (mm)**	**Summed SAR (W/kg)**	**SPLSR Results**	**Simultaneous SAR**
					X	**Y**	**Z**				
Ant4	Front	0.930	0.930	5mm	-16.4	-80.8	-1.53	136.5	2.44	0.03	Not required
Ant3		1.066	1.512	5mm	-48.1	52	-1.11				
WLAN5GHz Ant6+17		0.229		5mm							
Bluetooth Ant8		0.217		5mm							
Ant4	Front	0.930	0.930	5mm	-16.4	-80.8	-1.53	157.5	2.44	0.02	Not required
Ant3		1.066	1.512	5mm							
WLAN5GHz Ant6+17		0.229		5mm	26.4	70.8	-1.03				
Bluetooth Ant8		0.217		5mm							
Ant4	Front	0.930	0.930	5mm	-16.4	-80.8	-1.53	167.1	2.44	0.02	Not required
Ant3		1.066	1.512	5mm							
WLAN5GHz Ant6+17		0.229		5mm							
Bluetooth Ant8		0.217		5mm	22	81.8	-1.81				
No.11	**Position**	**SAR 1g SAR (W/kg)**	**Summed**	**Gap**	**SAR peak location (mm)**			**3D distance (mm)**	**Summed SAR (W/kg)**	**SPLSR Results**	**Simultaneous SAR**
					X	**Y**	**Z**				
Ant4	Front	0.930	0.930	5mm	-16.4	-80.8	-1.53	164.6	2.26	0.02	Not required
Ant5		0.882	1.328	5mm	2	82.8	-1.77				
WLAN5GHz Ant6+17		0.229		5mm							
Bluetooth Ant8		0.217		5mm							
Ant4	Front	0.930	0.930	5mm	-16.4	-80.8	-1.53	157.5	2.26	0.02	Not required
Ant5		0.882	1.328	5mm							
WLAN5GHz Ant6+17		0.229		5mm	26.4	70.8	-1.03				
Bluetooth Ant8		0.217		5mm							
Ant4	Front	0.930	0.930	5mm	-16.4	-80.8	-1.53	167.1	2.26	0.02	Not required
Ant5		0.882	1.328	5mm							
WLAN5GHz Ant6+17		0.229		5mm							
Bluetooth Ant8		0.217		5mm	22	81.8	-1.81				
No.12	**Position**	**SAR 1g SAR (W/kg)**	**Summed**	**Gap**	**SAR peak location (mm)**			**3D distance (mm)**	**Summed SAR (W/kg)**	**SPLSR Results**	**Simultaneous SAR**
					X	**Y**	**Z**				
Ant4	Front	0.930	0.930	5mm	-16.4	-80.8	-1.53	161.2	2.27	0.02	Not required
Ant6		0.897	1.343	5mm	-0.4	79.6	-1.08				
WLAN5GHz Ant6+17		0.229		5mm							
Bluetooth Ant8		0.217		5mm							
Ant4	Front	0.930	0.930	5mm	-16.4	-80.8	-1.53	138.4	2.27	0.02	Not required
Ant6		0.897	1.343	5mm							
WLAN5GHz Ant6+17		0.229		5mm	26.4	50.8	-1.03				
Bluetooth Ant8		0.217		5mm							
Ant4	Front	0.930	0.930	5mm	-16.4	-80.8	-1.53	167.1	2.27	0.02	Not required
Ant6		0.897	1.343	5mm							
WLAN5GHz Ant6+17		0.229		5mm							

Bluetooth Ant8		0.217		5mm	22	81.8	-1.81				
No.13	**Position**	**SAR 1g SAR (W/kg)**	**Summed**	**Gap**	**SAR peak location (mm)**			**3D distance (mm)**	**Summed SAR (W/kg)**	**SPLSR Results**	**Simultaneous SAR**
					X	**Y**	**Z**				
Ant4	Front	0.930	0.930	5mm	-16.4	-80.8	-1.53	122.5	2.02	0.02	Not required
Ant7		0.643	1.089	5mm	-44.8	38.4	-1.17				
WLAN5GHz Ant6+17		0.229		5mm							
Bluetooth Ant8		0.217		5mm							
Ant4	Front	0.930	0.930	5mm	-16.4	-80.8	-1.53	157.5	2.02	0.02	Not required
Ant7		0.643	1.089	5mm							
WLAN5GHz Ant6+17		0.229		5mm	26.4	70.8	-1.03				
Bluetooth Ant8		0.217		5mm							
Ant4	Front	0.930	0.930	5mm	-16.4	-80.8	-1.53	167.1	2.02	0.02	Not required
Ant7		0.643	1.089	5mm							
WLAN5GHz Ant6+17		0.229		5mm							
Bluetooth Ant8		0.217		5mm	22	81.8	-1.81				
No.14	**Position**	**SAR 1g SAR (W/kg)**	**Summed**	**Gap**	**SAR peak location (mm)**			**3D distance (mm)**	**Summed SAR (W/kg)**	**SPLSR Results**	**Simultaneous SAR**
					X	**Y**	**Z**				
Ant4	Front	0.930	0.930	5mm	-16.4	-80.8	-1.53	129.1	2.00	0.02	Not required
Ant8		0.625	1.071	5mm	34	38	-0.95				
WLAN5GHz Ant6+17		0.229		5mm							
Bluetooth Ant8		0.217		5mm							
Ant4	Front	0.930	0.930	5mm	-16.4	-80.8	-1.53	157.5	2.00	0.02	Not required
Ant8		0.625	1.071	5mm							
WLAN5GHz Ant6+17		0.229		5mm	26.4	70.8	-1.03				
Bluetooth Ant8		0.217		5mm							
Ant4	Front	0.930	0.930	5mm	-16.4	-80.8	-1.53	167.1	2.00	0.02	Not required
Ant8		0.625	1.071	5mm							
WLAN5GHz Ant6+17		0.229		5mm							
Bluetooth Ant8		0.217		5mm	22	81.8	-1.81				

No.15	**Position**	**SAR 1g SAR (W/kg)**	**Summed**	**Gap**	**SAR peak location (mm)**			**3D distance (mm)**	**Summed SAR (W/kg)**	**SPLSR Results**	**Simultaneous SAR**
					X	**Y**	**Z**				
Ant0	Back	1.038	1.038	5mm	-32.2	-67.1	-1.58	114.4	2.59	0.04	Not required
Ant1		1.054	1.554	5mm	34.5	25.8	-2.53				
WLAN2.4GHz Ant8		0.261		5mm							
Bluetooth Ant10		0.239		5mm							
Ant0	Back	1.038	1.038	5mm	-32.2	-67.1	-1.58	120.9	2.59	0.03	Not required
Ant1		1.054	1.554	5mm							
WLAN2.4GHz Ant8		0.261		5mm	-50.6	52.4	0.49				
Bluetooth Ant10		0.239		5mm							
Ant0	Back	1.038	1.038	5mm	-32.2	-67.1	-1.58	142.6	2.59	0.03	Not required
Ant1		1.054	1.554	5mm							
WLAN2.4GHz Ant8		0.261		5mm							
Bluetooth Ant10		0.239		5mm	-40.8	75.2	-2.05				
No.16	**Position**	**SAR 1g SAR (W/kg)**	**Summed**	**Gap**	**SAR peak location (mm)**			**3D distance (mm)**	**Summed SAR (W/kg)**	**SPLSR Results**	**Simultaneous SAR**
					X	**Y**	**Z**				
Ant0	Back	1.038	1.038	5mm	-32.2	-67.1	-1.58	110.0	2.63	0.04	Not required
Ant2		1.092	1.592	5mm	-47.6	41.8	-2.57				
WLAN2.4GHz Ant8		0.261		5mm							
Bluetooth Ant10		0.239		5mm							
Ant0	Back	1.038	1.038	5mm	-32.2	-67.1	-1.58	120.9	2.63	0.04	Not required
Ant2		1.092	1.592	5mm							
WLAN2.4GHz Ant8		0.261		5mm	-50.6	52.4	0.49				
Bluetooth Ant10		0.239		5mm							
Ant0	Back	1.038	1.038	5mm	-32.2	-67.1	-1.58	142.6	2.63	0.03	Not required
Ant2		1.092	1.592	5mm							

WLAN2.4GHz Ant8		0.261		5mm							
Bluetooth Ant10		0.239		5mm	-40.8	75.2	-2.05				
No.17	**Position**	**SAR 1g SAR (W/kg)**	**Summed**	**Gap**	**SAR peak location (mm)**			**3D distance (mm)**	**Summed SAR (W/kg)**	**SPLSR Results**	**Simultaneous SAR**
					X	**Y**	**Z**				
Ant0	Back	1.038	1.038	5mm	-32.2	-67.1	-1.58	133.7	2.63	0.03	Not required
Ant3		1.089	1.589	5mm	32.6	49.8	-2.43				
WLAN2.4GHz Ant8		0.261		5mm							
Bluetooth Ant10		0.239		5mm							
Ant0	Back	1.038	1.038	5mm	-32.2	-67.1	-1.58	120.9	2.63	0.04	Not required
Ant3		1.089	1.589	5mm							
WLAN2.4GHz Ant8		0.261		5mm	-50.6	52.4	0.49				
Bluetooth Ant10		0.239		5mm							
Ant0	Back	1.038	1.038	5mm	-32.2	-67.1	-1.58	142.6	2.63	0.03	Not required
Ant3		1.089	1.589	5mm							
WLAN2.4GHz Ant8		0.261		5mm							
Bluetooth Ant10		0.239		5mm	-40.8	75.2	-2.05				
No.18	**Position**	**SAR 1g SAR (W/kg)**	**Summed**	**Gap**	**SAR peak location (mm)**			**3D distance (mm)**	**Summed SAR (W/kg)**	**SPLSR Results**	**Simultaneous SAR**
					X	**Y**	**Z**				
Ant0	Back	1.038	1.038	5mm	-32.2	-67.1	-1.58	149.4	2.63	0.03	Not required
Ant5		1.093	1.593	5mm	-12.3	81	-2.44				
WLAN2.4GHz Ant8		0.261		5mm							
Bluetooth Ant10		0.239		5mm							
Ant0	Back	1.038	1.038	5mm	-32.2	-67.1	-1.58	120.9	2.63	0.04	Not required
Ant5		1.093	1.593	5mm							
WLAN2.4GHz Ant8		0.261		5mm	-50.6	52.4	0.49				
Bluetooth Ant10		0.239		5mm							
Ant0	Back	1.038	1.038	5mm	-32.2	-67.1	-1.58	142.6	2.63	0.03	Not required
Ant5		1.093	1.593	5mm							
WLAN2.4GHz Ant8		0.261		5mm							
Bluetooth Ant10		0.239		5mm	-40.8	75.2	-2.05				
No.19	**Position**	**SAR 1g SAR (W/kg)**	**Summed**	**Gap**	**SAR peak location (mm)**			**3D distance (mm)**	**Summed SAR (W/kg)**	**SPLSR Results**	**Simultaneous SAR**
					X	**Y**	**Z**				
Ant0	Back	1.038	1.038	5mm	-32.2	-67.1	-1.58	141.4	2.60	0.03	Not required
Ant6		1.060	1.560	5mm	-23.6	74	-1.04				
WLAN2.4GHz Ant8		0.261		5mm							
Bluetooth Ant10		0.239		5mm							
Ant0	Back	1.038	1.038	5mm	-32.2	-67.1	-1.58	120.9	2.60	0.03	Not required
Ant6		1.060	1.560	5mm							
WLAN2.4GHz Ant8		0.261		5mm	-50.6	52.4	0.49				
Bluetooth Ant10		0.239		5mm							
Ant0	Back	1.038	1.038	5mm	-32.2	-67.1	-1.58	142.6	2.60	0.03	Not required
Ant6		1.060	1.560	5mm							
WLAN2.4GHz Ant8		0.261		5mm							
Bluetooth Ant10		0.239		5mm	-40.8	75.2	-2.05				
No.20	**Position**	**SAR 1g SAR (W/kg)**	**Summed**	**Gap**	**SAR peak location (mm)**			**3D distance (mm)**	**Summed SAR (W/kg)**	**SPLSR Results**	**Simultaneous SAR**
					X	**Y**	**Z**				
Ant0	Back	1.038	1.038	5mm	-32.2	-67.1	-1.58	130.9	2.63	0.03	Not required
Ant7		1.093	1.593	5mm	26.2	50	-0.93				
WLAN2.4GHz Ant8		0.261		5mm							
Bluetooth Ant10		0.239		5mm							
Ant0	Back	1.038	1.038	5mm	-32.2	-67.1	-1.58	120.9	2.63	0.04	Not required
Ant7		1.093	1.593	5mm							
WLAN2.4GHz Ant8		0.261		5mm	-50.6	52.4	0.49				
Bluetooth Ant10		0.239		5mm							
Ant0	Back	1.038	1.038	5mm	-32.2	-67.1	-1.58	142.6	2.63	0.03	Not required
Ant7		1.093	1.593	5mm							

WLAN2.4GHz Ant8		0.261		5mm							
Bluetooth Ant10		0.239		5mm	-40.8	75.2	-2.05				
No.21	**Position**	**SAR 1g SAR (W/kg)**	**Summed**	**Gap**	**SAR peak location (mm)**			**3D distance (mm)**	**Summed SAR (W/kg)**	**SPLSR Results**	**Simultaneous SAR**
					X	**Y**	**Z**				
Ant0	Back	1.038	1.038	5mm	-32.2	-67.1	-1.58	106.9	2.63	0.04	Not required
Ant8		1.091	1.591	5mm	-51.8	38	-1.08				
WLAN2.4GHz Ant8		0.261		5mm							
Bluetooth Ant10		0.239		5mm							
Ant0	Back	1.038	1.038	5mm	-32.2	-67.1	-1.58	120.9	2.63	0.04	Not required
Ant8		1.091	1.591	5mm							
WLAN2.4GHz Ant8		0.261		5mm	-50.6	52.4	0.49				
Bluetooth Ant10		0.239		5mm							
Ant0	Back	1.038	1.038	5mm	-32.2	-67.1	-1.58	142.6	2.63	0.03	Not required
Ant8		1.091	1.591	5mm							
WLAN2.4GHz Ant8		0.261		5mm							
Bluetooth Ant10		0.239		5mm	-40.8	75.2	-2.05				
No.22	**Position**	**SAR 1g SAR (W/kg)**	**Summed**	**Gap**	**SAR peak location (mm)**			**3D distance (mm)**	**Summed SAR (W/kg)**	**SPLSR Results**	**Simultaneous SAR**
					X	**Y**	**Z**				
Ant0	Back	1.038	1.038	5mm	-32.2	-67.1	-1.58	130.1	2.63	0.03	Not required
Ant9		1.091	1.591	5mm	18.8	52.6	-0.94				
WLAN2.4GHz Ant8		0.261		5mm							
Bluetooth Ant10		0.239		5mm							
Ant0	Back	1.038	1.038	5mm	-32.2	-67.1	-1.58	120.9	2.63	0.04	Not required
Ant9		1.091	1.591	5mm							
WLAN2.4GHz Ant8		0.261		5mm	-50.6	52.4	0.49				
Bluetooth Ant10		0.239		5mm							
Ant0	Back	1.038	1.038	5mm	-32.2	-67.1	-1.58	142.6	2.63	0.03	Not required
Ant9		1.091	1.591	5mm							
WLAN2.4GHz Ant8		0.261		5mm							
Bluetooth Ant10		0.239		5mm	-40.8	75.2	-2.05				
No.23	**Position**	**SAR 1g SAR (W/kg)**	**Summed**	**Gap**	**SAR peak location (mm)**			**3D distance (mm)**	**Summed SAR (W/kg)**	**SPLSR Results**	**Simultaneous SAR**
					X	**Y**	**Z**				
Ant4	Back	1.075	1.075	5mm	6	-78.4	-2.2	108.0	2.63	0.04	Not required
Ant1		1.054	1.554	5mm	34.5	25.8	-2.53				
WLAN2.4GHz Ant8		0.261		5mm							
Bluetooth Ant10		0.239		5mm							
Ant4	Back	1.075	1.075	5mm	6	-78.4	-2.2	142.5	2.63	0.03	Not required
Ant1		1.054	1.554	5mm							
WLAN2.4GHz Ant8		0.261		5mm	-50.6	52.4	0.49				
Bluetooth Ant10		0.239		5mm							
Ant4	Back	1.075	1.075	5mm	6	-78.4	-2.2	160.6	2.63	0.03	Not required
Ant1		1.054	1.554	5mm							
WLAN2.4GHz Ant8		0.261		5mm							
Bluetooth Ant10		0.239		5mm	-40.8	75.2	-2.05				
No.24	**Position**	**SAR 1g SAR (W/kg)**	**Summed**	**Gap**	**SAR peak location (mm)**			**3D distance (mm)**	**Summed SAR (W/kg)**	**SPLSR Results**	**Simultaneous SAR**
					X	**Y**	**Z**				
Ant4	Back	1.075	1.075	5mm	6	-78.4	-2.2	131.6	2.67	0.03	Not required
Ant2		1.092	1.592	5mm	-47.6	41.8	-2.57				
WLAN2.4GHz Ant8		0.261		5mm							
Bluetooth Ant10		0.239		5mm							
Ant4	Back	1.075	1.075	5mm	6	-78.4	-2.2	142.5	2.67	0.03	Not required
Ant2		1.092	1.592	5mm							
WLAN2.4GHz Ant8		0.261		5mm	-50.6	52.4	0.49				
Bluetooth Ant10		0.239		5mm							
Ant4	Back	1.075	1.075	5mm	6	-78.4	-2.2	160.6	2.67	0.03	Not required
Ant2		1.092	1.592	5mm							

WLAN2.4GHz Ant8		0.261		5mm							
Bluetooth Ant10		0.239		5mm	-40.8	75.2	-2.05				
No.25	**Position**	**SAR 1g SAR (W/kg)**	**Summed**	**Gap**	**SAR peak location (mm)**			**3D distance (mm)**	**Summed SAR (W/kg)**	**SPLSR Results**	**Simultaneous SAR**
					X	**Y**	**Z**				
Ant4	Back	1.075	1.075	5mm	6	-78.4	-2.2	130.9	2.66	0.03	Not required
Ant3		1.089	1.589	5mm	32.6	49.8	-2.43				
WLAN2.4GHz Ant8		0.261		5mm							
Bluetooth Ant10		0.239		5mm							
Ant4	Back	1.075	1.075	5mm	6	-78.4	-2.2	142.5	2.66	0.03	Not required
Ant3		1.089	1.589	5mm							
WLAN2.4GHz Ant8		0.261		5mm	-50.6	52.4	0.49				
Bluetooth Ant10		0.239		5mm							
Ant4	Back	1.075	1.075	5mm	6	-78.4	-2.2	160.6	2.66	0.03	Not required
Ant3		1.089	1.589	5mm							
WLAN2.4GHz Ant8		0.261		5mm							
Bluetooth Ant10		0.239		5mm	-40.8	75.2	-2.05				
No.26	**Position**	**SAR 1g SAR (W/kg)**	**Summed**	**Gap**	**SAR peak location (mm)**			**3D distance (mm)**	**Summed SAR (W/kg)**	**SPLSR Results**	**Simultaneous SAR**
					X	**Y**	**Z**				
Ant4	Back	1.075	1.075	5mm	6	-78.4	-2.2	160.4	2.67	0.03	Not required
Ant5		1.093	1.593	5mm	-12.3	81	-2.44				
WLAN2.4GHz Ant8		0.261		5mm							
Bluetooth Ant10		0.239		5mm							
Ant4	Back	1.075	1.075	5mm	6	-78.4	-2.2	142.5	2.67	0.03	Not required
Ant5		1.093	1.593	5mm							
WLAN2.4GHz Ant8		0.261		5mm	-50.6	52.4	0.49				
Bluetooth Ant10		0.239		5mm							
Ant4	Back	1.075	1.075	5mm	6	-78.4	-2.2	160.6	2.67	0.03	Not required
Ant5		1.093	1.593	5mm							
WLAN2.4GHz Ant8		0.261		5mm							
Bluetooth Ant10		0.239		5mm	-40.8	75.2	-2.05				
No.27	**Position**	**SAR 1g SAR (W/kg)**	**Summed**	**Gap**	**SAR peak location (mm)**			**3D distance (mm)**	**Summed SAR (W/kg)**	**SPLSR Results**	**Simultaneous SAR**
					X	**Y**	**Z**				
Ant4	Back	1.075	1.075	5mm	6	-78.4	-2.2	155.3	2.64	0.03	Not required
Ant6		1.060	1.560	5mm	-23.6	74	-1.04				
WLAN2.4GHz Ant8		0.261		5mm							
Bluetooth Ant10		0.239		5mm							
Ant4	Back	1.075	1.075	5mm	6	-78.4	-2.2	142.5	2.64	0.03	Not required
Ant6		1.060	1.560	5mm							
WLAN2.4GHz Ant8		0.261		5mm	-50.6	52.4	0.49				
Bluetooth Ant10		0.239		5mm							
Ant4	Back	1.075	1.075	5mm	6	-78.4	-2.2	160.6	2.64	0.03	Not required
Ant6		1.060	1.560	5mm							
WLAN2.4GHz Ant8		0.261		5mm							
Bluetooth Ant10		0.239		5mm	-40.8	75.2	-2.05				
No.28	**Position**	**SAR 1g SAR (W/kg)**	**Summed**	**Gap**	**SAR peak location (mm)**			**3D distance (mm)**	**Summed SAR (W/kg)**	**SPLSR Results**	**Simultaneous SAR**
					X	**Y**	**Z**				
Ant4	Back	1.075	1.075	5mm	6	-78.4	-2.2	130.0	2.67	0.03	Not required
Ant7		1.093	1.593	5mm	26.2	50	-0.93				
WLAN2.4GHz Ant8		0.261		5mm							
Bluetooth Ant10		0.239		5mm							
Ant4	Back	1.075	1.075	5mm	6	-78.4	-2.2	142.5	2.67	0.03	Not required
Ant7		1.093	1.593	5mm							
WLAN2.4GHz Ant8		0.261		5mm	-50.6	52.4	0.49				
Bluetooth Ant10		0.239		5mm							
Ant4	Back	1.075	1.075	5mm	6	-78.4	-2.2	160.6	2.67	0.03	Not required
Ant7		1.093	1.593	5mm							

WLAN2.4GHz Ant8		0.261		5mm							
Bluetooth Ant10		0.239		5mm	-40.8	75.2	-2.05				
No.29	**Position**	**SAR 1g SAR (W/kg)**	**Summed**	**Gap**	**SAR peak location (mm)**			**3D distance (mm)**	**Summed SAR (W/kg)**	**SPLSR Results**	**Simultaneous SAR**
					X	**Y**	**Z**				
Ant4	Back	1.075	1.075	5mm	6	-78.4	-2.2	130.0	2.67	0.03	Not required
Ant8		1.091	1.591	5mm	-51.8	38	-1.08				
WLAN2.4GHz Ant8		0.261		5mm							
Bluetooth Ant10		0.239		5mm							
Ant4	Back	1.075	1.075	5mm	6	-78.4	-2.2	142.5	2.67	0.03	Not required
Ant8		1.091	1.591	5mm							
WLAN2.4GHz Ant8		0.261		5mm	-50.6	52.4	0.49				
Bluetooth Ant10		0.239		5mm							
Ant4	Back	1.075	1.075	5mm	6	-78.4	-2.2	160.6	2.67	0.03	Not required
Ant8		1.091	1.591	5mm							
WLAN2.4GHz Ant8		0.261		5mm							
Bluetooth Ant10		0.239		5mm	-40.8	75.2	-2.05				
No.30	**Position**	**SAR 1g SAR (W/kg)**	**Summed**	**Gap**	**SAR peak location (mm)**			**3D distance (mm)**	**Summed SAR (W/kg)**	**SPLSR Results**	**Simultaneous SAR**
					X	**Y**	**Z**				
Ant4	Back	1.075	1.075	5mm	6	-78.4	-2.2	131.6	2.67	0.03	Not required
Ant9		1.091	1.591	5mm	18.8	52.6	-0.94				
WLAN2.4GHz Ant8		0.261		5mm							
Bluetooth Ant10		0.239		5mm							
Ant4	Back	1.075	1.075	5mm	6	-78.4	-2.2	142.5	2.67	0.03	Not required
Ant9		1.091	1.591	5mm							
WLAN2.4GHz Ant8		0.261		5mm	-50.6	52.4	0.49				
Bluetooth Ant10		0.239		5mm							
Ant4	Back	1.075	1.075	5mm	6	-78.4	-2.2	160.6	2.67	0.03	Not required
Ant9		1.091	1.591	5mm							
WLAN2.4GHz Ant8		0.261		5mm							
Bluetooth Ant10		0.239		5mm	-40.8	75.2	-2.05				

17.7 Maximum Reported SAR and SAR Peak Locations

General Note:

1. The maximum reported SAR and SAR Peak Locations corresponding to each position of each frequency band of each antenna in the below tables are as follows.
2. The unit of SAR evaluation is W/kg. The unit of x, y, z with Axis evaluation is mm.

<Head>

Left Cheek																			
Band		Ant 0			Ant 1			Ant 2			Ant 4			Ant 6			Ant 8		
GSM850	SAR (W/kg)		0.210			0.914													
	Axis	83.4	-10.65	-3.79	25.05	-66.54	-0.24												
GSM1900	SAR (W/kg)								1.016										
	Axis							22.37	12.87	-2.47									
WCDMA II	SAR (W/kg)								0.947										
	Axis							23.19	14.1	-2.11									
WCDMA IV	SAR (W/kg)								1.031										
	Axis							23.98	15.46	-1.73									
WCDMA V	SAR (W/kg)		0.225			0.910													
	Axis	83.99	-11.38	-3.65	24.2	-67.53	0.58												
LTE Band 2	SAR (W/kg)								0.754			0.180							
	Axis							22.7	16.21	-1.9	97.84	-67.01	0.01						
LTE Band 4	SAR (W/kg)								0.703			0.169							
	Axis							22.7	16.2	-1.89	97.9	-67.08	0.27						
LTE Band 5	SAR (W/kg)		0.259			0.992													
	Axis	83.07	-14.67	-3.49	28.29	-72.05	0.01												
LTE Band 7	SAR (W/kg)								0.464			0.212							
	Axis							22.7	16.21	-1.9	94.87	-59.42	-1.29						
LTE Band 12	SAR (W/kg)		0.141			0.941													
	Axis	84.77	-8.41	-3.83	24.77	-69.7	1												
LTE Band 13	SAR (W/kg)		0.206			0.884													
	Axis	84.69	-11.32	-3.56	25.39	-68.3	0.32												
LTE Band 17	SAR (W/kg)		0.150			0.950													
	Axis	84.69	-11.32	-3.56	24.22	-67.51	0.65												
LTE Band 25	SAR (W/kg)								0.772			0.181							
	Axis							22.7	16.21	-1.94	97.86	-67	0.01						
LTE Band 26	SAR (W/kg)		0.274			1.01													
	Axis	84.4	-13.36	-3.42	28.29	-72.05	0												
LTE Band 66	SAR (W/kg)								0.844			0.185							
	Axis							22.7	16.21	-1.91	98.44	-67.46	0.42						
LTE Band 71	SAR (W/kg)		0.082			1.00													
	Axis	82.57	-10.23	-0.74	24.22	-67.51	0.65												
LTE Band 38	SAR (W/kg)								0.492			0.102							
	Axis							20.15	18.28	-1.19	92.91	-57.97	-3.12						
LTE Band 41	SAR (W/kg)								0.432			0.095							
	Axis							20.94	19.63	-0.82	92.9	-57.99	-3.2						
LTE Band 42	SAR (W/kg)														1.001			0.921	
	Axis													7.95	18.91	-1.79	22.58	20.54	-0.73
LTE Band 48	SAR (W/kg)														0.992			0.721	
	Axis													7.95	18.91	-1.79	21.83	24.84	-0.11
FR1 n2	SAR (W/kg)								1.09			0.173							
	Axis							23.49	14.15	-1.93	100.2	-70.02	1.19						
FR1 n5	SAR (W/kg)		0.269			1.016													
	Axis	81.83	-12.06	-3.78	23.57	-68.77	1.16												
FR1 n7	SAR (W/kg)								0.450			0.249							
	Axis							20.53	17.63	-1.14	91.59	-62.12	-1.74						
FR1 n12	SAR (W/kg)		0.169			0.924													
	Axis	84.79	-9.98	-3.68	27.47	-67.7	-0.36												
FR1 n25	SAR (W/kg)								1.067			0.165							
	Axis							22.07	14.9	-2.13	100.6	-72.17	1.66						
FR1 n26	SAR (W/kg)		0.278			1.053													
	Axis	83.19	-12.78	-3.64	24.83	-69.55	0.84												
FR1 n66	SAR (W/kg)								1.062			0.185							

	Axis							22.06	14.9	-2.13	93.45	-66.71	-0.65							
FR1 n71	SAR (W/kg)		0.109			1.032														
	Axis	85.76	-12.39	-3.34	24.99	-66.42	0													
FR1 n38	SAR (W/kg)								0.468			0.284								
	Axis							20.18	15.74	-1.42	94.15	-63.38	-1.17							
FR1 n41	SAR (W/kg)								0.401			0.208								
	Axis							20.53	17.63	-1.15	94.73	-58.5	-1.66							
FR1 n41 HPUE	SAR (W/kg)																			
	Axis																			
FR1 n48	SAR (W/kg)														1.049			0.576		
	Axis													9.33	20.45	-1.77	22.76	22.19	-1	
FR1 n77	SAR (W/kg)														0.735					
	Axis													-1.19	13.48	-1.14				
FR1 n77 HPUE	SAR (W/kg)																	1.067		
	Axis																23.59	24.69	0.18	
FR1 n78	SAR (W/kg)														0.734					
	Axis													7.24	21.66	1.59				
FR1 n78 HPUE	SAR (W/kg)																	1.093		
	Axis																23.48	24.51	0.19	

WLAN5GHz Ant6+17	SAR (W/kg)		0.232			Bluetooth Ant10	SAR (W/kg)		0.247	
	Axis	24.84	14.86	-1.14			Axis	17.06	25.4	-0.68

<Body worn>

Front 5mm																																
Band		Ant 0			Ant 1			Ant 2			Ant 3			Ant 4			Ant 5			Ant 6			Ant 7			Ant 8		
GSM850	SAR (W/kg)		0.795			0.85																							
	Axis	30.4	-68.6	-2.21	-47.6	37.2	-2.34																						
GSM1900	SAR (W/kg)								0.741			0.631																	
	Axis							34.2	29.1	-2.32	-50.6	52	-1.12																
WCDMA II	SAR (W/kg)								0.717			0.744																	
	Axis							34.3	28.3	-2.34	-51.2	54	-1.13																
WCDMA IV	SAR (W/kg)								0.698			0.840																	
	Axis							34.1	29.4	-2.33	-52.1	53	-1.11																
WCDMA V	SAR (W/kg)		0.750			0.984																							
	Axis	30	-69.4	-2.22	-47.2	36.2	-2.35																						
LTE Band 2	SAR (W/kg)								0.680			0.875			0.770			0.601											
	Axis							34	28.4	-2.36	-51.2	54	-1.11	-16	-86	-1.47	2	82.8	-1.74										
LTE Band 4	SAR (W/kg)								0.696			0.945			0.783			0.762											
	Axis							34	30.4	-2.33	-52.4	56	-1.12	-15.6	-87.6	-1.49	2.8	84.4	-1.72										
LTE Band 5	SAR (W/kg)		0.875			0.974																							
	Axis	28.8	-70.8	-2.1	-48	38	-2.35																						
LTE Band 7	SAR (W/kg)								0.725			0.769			0.728			0.882											
	Axis							34.4	22.8	-2.53	-50	53	-1.13	-16.4	-80.8	-1.53	-8.8	81.2	-1.83										
LTE Band 12	SAR (W/kg)		0.845			0.789																							
	Axis	30.4	-71.2	-2.09	-48.4	38	-2.35																						
LTE Band 13	SAR (W/kg)		0.606			0.948																							
	Axis	28.8	-70.8	-2.12	-48	38	-2.32																						
LTE Band 17	SAR (W/kg)		0.814			0.882																							
	Axis	30.3	-70.5	-2.12	-49.6	34.2	-2.35																						
LTE Band 25	SAR (W/kg)								0.698			0.901			0.734			0.653											
	Axis							36	30.8	-2.48	-51.2	55.6	-1.11	-18	-82.4	-1.52	2	82.8	-1.77										
LTE Band 26	SAR (W/kg)		0.853			0.936																							
	Axis	28.8	-70.8	-2.1	-49.6	30	-2.36																						
LTE Band 66	SAR (W/kg)								0.754			0.692			0.678			0.675											
	Axis							36	32.4	-2.48	-52.4	56	-1.12	-18	-82.4	-1.52	2.4	84.4	-1.69										

LTE Band 71	SAR (W/kg)		0.319			0.723																						
	Axis	28.8	-65.2	-2.26	-48.2	32	-2.34																					
LTE Band 38	SAR (W/kg)								0.771			0.874			0.727			0.530										
	Axis							34	22	-2.54	-49.6	50	-1.12	-16.4	-80.8	-1.52	-8.4	81.2	-1.85									
LTE Band 41	SAR (W/kg)								0.798			0.755			0.788			0.832										
	Axis							32.4	25.2	-2.55	-50	50	-1.12	-16.4	-80.8	-1.53	-8.4	81.2	-1.82									
LTE Band 42	SAR (W/kg)																				0.897			0.619			0.479	
	Axis																			2	82.8	-1.08	-44.8	38.4	-1.17	34	55.6	-0.93
LTE Band 48	SAR (W/kg)																				0.738			0.561			0.483	
	Axis																			4	82.8	-1.05	-44.8	38.4	-1.17	32.4	57.2	-0.95
FR1 n2	SAR (W/kg)								0.761			0.834			0.912			0.669										
	Axis							34	28	-2.31	-52.3	54	-1.13	-25.2	-89.2	-1.03	-6	84	-1.12									
FR1 n5	SAR (W/kg)		0.926			0.753																						
	Axis	24	-65.6	-2.33	-49	38	-2.36																					
FR1 n7	SAR (W/kg)								0.878			1.066			0.785			0.684										
	Axis							33	22	-2.33	-51.4	56	-1.11	-24.8	-87.6	-1.03	-20	86	-1.13									
FR1 n12	SAR (W/kg)		0.648			0.948																						
	Axis	28.8	-66.8	-2.24	-48.6	38.1	-2.31																					
FR1 n25	SAR (W/kg)								0.730			0.759			0.930			0.792										
	Axis							34	26	-2.36	-50.5	54	-1.13	-24.4	-87.2	-1.03	-8	84	-1.15									
FR1 n26	SAR (W/kg)		0.903			0.882																						
	Axis	23.6	-67.6	-2.28	-48.3	33	-2.39																					
FR1 n66	SAR (W/kg)								0.721			0.767			0.867			0.735										
	Axis							32	29	-2.31	-52.1	53	-1.12	-30.8	-87.2	-1.01	-8	83.6	-1.17									
FR1 n71	SAR (W/kg)		0.410			0.826																						
	Axis	28.8	-68.8	-2.24	-48.4	34	-2.38																					
FR1 n38	SAR (W/kg)								0.815			0.828			0.803			0.672										
	Axis							33.6	28	-2.33	-50.1	54	-1.11	-28.4	-86	-1.05	-20	80.4	-1.13									
FR1 n41	SAR (W/kg)								0.623			0.813			0.636			0.645										
	Axis							32.8	30	-2.34	-48.1	52	-1.11	-26.4	-86	-1.05	-18.4	82.8	-1.15									
FR1 n41 HPUE	SAR (W/kg)																											
	Axis																											
FR1 n48	SAR (W/kg)																				0.581			0.564			0.422	
	Axis																			4.4	81.6	-1.05	-48.4	38	-1.17	28	60	-0.95
FR1 n77	SAR (W/kg)																				0.583			0.483			0.555	
	Axis																			-0.4	79.6	-1.08	-50.4	38	-1.15	34	38	-0.95
FR1 n77 HPUE	SAR (W/kg)																											
	Axis																											
FR1 n78	SAR (W/kg)																				0.619			0.643			0.625	
	Axis																			0	84	-1	-50.8	35.6	-1.15	29.2	55.6	-0.91
FR1 n78 HPUE	SAR (W/kg)																											
	Axis																											

WLAN5GHz Ant6+17	SAR (W/kg)		0.229			Bluetooth Ant8	SAR (W/kg)		0.217	
	Axis	26.4	70.8	-1.03			Axis	22	81.8	-1.81

Back 5mm																															
Band		Ant 0			Ant 1			Ant 2			Ant 3			Ant 4			Ant 5			Ant 6			Ant 7			Ant 8			Ant 9	
GSM850	SAR (W/kg)		0.888			1.054																									
	Axis	-38.9	-69.7	-2.22	36	30.7	-2.37																								
GSM1900	SAR (W/kg)								1.056			0.959																			
	Axis							-46.6	54.5	-2.53	31.8	61.6	-2.33																		
WCDMA II	SAR (W/kg)								1.038			0.991																			
	Axis							-46.6	57.4	-2.44	31.8	63.2	-2.24																		
WCDMA IV	SAR (W/kg)								0.967			1.019																			
	Axis							-46.6	55.9	-2.46	31.8	64.3	-2.2																		
WCDMA V	SAR (W/kg)		0.855			0.998																									
	Axis	-38.9	-68.1	-2.22	36	30.7	-2.38																								
LTE Band 2	SAR (W/kg)								1.084			1.054			1.063			0.935													
	Axis							-48.1	54.3	-2.54	27	58.5	-2.37	10.5	-80.9	-2.19	-9	85.5	-2.31												
LTE Band 4	SAR (W/kg)								0.999			1.080			0.986			0.976													
	Axis							-48.2	57.3	-2.54	31.8	65.9	-2.3	10.5	-82.4	-2.17	-10.6	85.5	-2.33												
LTE Band 5	SAR (W/kg)		1.038			1.022																									
	Axis	-33.3	-73.7	-2.22	36	30.7	-2.37																								
LTE Band 7	SAR (W/kg)								1.036			0.992			0.925			1.091													
	Axis							-47.2	56.6	-2.56	29.8	65.4	-2.33	4.8	-78.4	-2.22	0.6	82.8	-2.26												
LTE Band 12	SAR (W/kg)		0.955			0.906																									
	Axis	-40.6	-69.2	-2.21	36	30.9	-2.38																								
LTE Band 13	SAR (W/kg)		0.678			1.037																									
	Axis	-39	-66.4	-2.23	36	30.7	-2.38																								
LTE Band 17	SAR (W/kg)		0.936			0.984																									
	Axis	-40.6	-66.3	-2.21	36	30.7	-2.39																								
LTE Band 25	SAR (W/kg)								1.088			1.089			1.075			1.070													
	Axis							-48.2	60.3	-2.55	31.8	62.8	-2.34	9	-80.9	-2.17	-9	85.5	-2.33												
LTE Band 26	SAR (W/kg)		1.012			0.986																									
	Axis	-38.9	-68.1	-2.21	34.5	29.1	-2.56																								
LTE Band 66	SAR (W/kg)								1.092			1.046			0.982			1.089													
	Axis							-48.1	57.4	-2.52	31.8	64.3	-2.31	12.1	-81.1	-2.17	-10.4	87.1	-2.29												
LTE Band 71	SAR (W/kg)		0.362			0.858																									
	Axis	-32.9	-74.1	-2.25	34.5	25.9	2.55																								
LTE Band 38	SAR (W/kg)								1.030			1.003			1.034			0.935													
	Axis							-4.69	56.1	-2.56	28.6	62.8	-2.35	5.8	-78.4	-2.22	-1.4	79.6	-2.45												
LTE Band 41	SAR (W/kg)								1.073			1.022			1.020			1.093													
	Axis							-48.2	54.2	-2.6	32.6	49.8	-2.43	6	-78.4	-2.2	1.2	84	-2.24												
LTE Band 42	SAR (W/kg)																				1.060			1.008			0.943			1.041	
	Axis																			-25.8	75.6	-1.02	26.2	50	-0.93	-50.8	48.4	-2.06	20.8	56.8	-1.96
LTE Band 48	SAR (W/kg)																				0.909			1.039			0.965			1.091	
	Axis																			-26.6	74.8	-1.04	22.2	64.2	-0.91	-50.6	42.6	-1.13	21.6	55	-1.98
FR1 n2	SAR (W/kg)								0.969			1.065			0.995			1.092													
	Axis							-46.6	56.5	-2.56	31.8	62	-2.34	11.9	-85.2	-2.29	-10.6	81	-2.44												
FR1 n5	SAR (W/kg)		0.952			0.885																									
	Axis	-32.2	-67.1	-1.58	35.3	29.7	-2.5																								
FR1 n7	SAR (W/kg)								1.086			1.074			1.044			1.082													
	Axis							-47.8	52.2	-2.54	27	60.6	-2.34	10.8	-85.6	-2.26	-1.6	80	-2.41												
FR1 n12	SAR (W/kg)		0.709			1.009																									
	Axis	-35.3	-68.6	-1.55	34.4	30.7	-2.52																								
FR1 n25	SAR								0.989			0.978			0.991			1.093													

	(W/kg)																													
	Axis							-45	56	-2.56	30.2	63.2	-2.33	13.5	-82	-2.3	-10.6	81	-2.43											
FR1 n26	SAR (W/kg)		1.015			0.942																								
	Axis	-35.3	-70.2	-2.36	35.3	29.7	-2.5																							
FR1 n66	SAR (W/kg)								0.947			1.023			1.024			1.043												
	Axis							-48.5	58.1	-2.54	33.9	63.5	-2.28	23.5	-83.6	-1.21	-12.3	81	-2.44											
FR1 n71	SAR (W/kg)		0.435			0.969																								
	Axis	-33.1	-74.2	-2.25	34.5	25.8	-2.53																							
FR1 n38	SAR (W/kg)								1.038			0.971			1.038			1.092												
	Axis							-47.4	45.7	-2.56	30	54.8	-2.37	7.8	-79	-2.31	-0.4	81.2	-2.4											
FR1 n41	SAR (W/kg)																	1.048												
	Axis																0.8	80.6	-2.41											
FR1 n41 HPUE	SAR (W/kg)								0.918			1.049			0.926															
	Axis							-47.6	41.8	-2.57	30	53.8	-2.37	7.8	-81.2	-2.3														
FR1 n48	SAR (W/kg)																				0.902			0.923			0.739			0.969	
	Axis																			-23.6	74	-1.04	23.2	65.2	-0.86	-50	48.6	-1.04	18.8	52.6	-0.94
FR1 n77	SAR (W/kg)																													1.089	
	Axis																												20.7	55.8	-0.92
FR1 n77 HPUE	SAR (W/kg)																				0.943			0.851			1.091				
	Axis																			-28.2	75.8	-1.01	22.8	69	-0.85	-51.8	38	-1.08			
FR1 n78	SAR (W/kg)																														
	Axis																														
FR1 n78 HPUE	SAR (W/kg)																				0.971			1.093			1.035			0.965	
	Axis																			-22.9	78	-1.03	25.5	67.2	-0.83	-46.8	50.8	-2.02	20.8	58.4	-1.96

WLAN2.4GHz Ant8	SAR (W/kg)		0.261			Bluetooth Ant10	SAR (W/kg)		0.239	
	Axis	-50.6	52.4	0.49			Axis	-40.8	75.2	-2.05

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

18. Uncertainty Assessment

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

19. References

[1] FCC 47 CFR Part 2 “Frequency Allocations and Radio Treaty Matters; General Rules and Regulations”

[2] ANSI/IEEE Std. C95.1-1992, “IEEE Standard for Safety Levels with Respect to Human Exposure to Radio Frequency Electromagnetic Fields, 3 kHz to 300 GHz”, September 1992

[3] IEEE Std. 1528-2013, “IEEE Recommended Practice for Determining the Peak Spatial-Average Specific Absorption Rate (SAR) in the Human Head from Wireless Communications Devices: Measurement Techniques”, Sep 2013

[4] SPEAG DASY System Handbook

[5] FCC KDB 865664 D01 v01r04, "SAR Measurement Requirements for 100 MHz to 6 GHz", Aug 2015.

[6] FCC KDB 865664 D02 v01r02, “RF Exposure Compliance Reporting and Documentation Considerations” Oct 2015.

[7] FCC KDB 648474 D04 v01r03, “SAR Evaluation Considerations for Wireless Handsets”, Oct 2015.

[8] FCC KDB 248227 D01 v02r02, “SAR Guidance for IEEE 802.11 (WiFi) Transmitters”, Oct 2015.

[9] FCC KDB 616217 D04 v01r02, “SAR Evaluation Considerations for Laptop, Notebook, Netbook and Tablet Computers”, Oct 2015

[10] FCC KDB 941225 D01 v03r01, “3G SAR MEAUREMENT PROCEDURES”, Oct 2015

[11] FCC KDB 941225 D05 v02r05, “SAR Evaluation Considerations for LTE Devices”, Dec 2015

[12] FCC KDB 941225 D05A v01r02, “Rel. 10 LTE SAR Test Guidance and KDB Inquiries”, Oct 2015

[13] FCC KDB 941225 D06 v02r01, "SAR Evaluation Procedures for Portable Devices with Wireless Router Capabilities", Oct 2015.

[14] FCC KDB 447498 D01 v06, “Mobile and Portable Device RF Exposure Procedures and Equipment Authorization Policies”, Oct 2015

Appendixes

Please refer to separated files for the following appendixes

Appendix A. Plots of System Performance Check

Appendix B. Plots of High SAR Measurement

Appendix C. DASY Calibration Certificate

Appendix D. Test Setup Photos

Appendix E. Conducted RF Output Power Table

Appendix F. Power measurement connection diagram and CA Conducted RF Output Power Table

Appendix G. Power reduction mechanism verification

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