



16.4 Body SAR (Tablet)

<Flip Open>

Plot No	Band	BW	Modulation	RB Size	RB Offset	Mode	Test Position	Gap (mm)	Antenna	Power State	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-Up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
110	GSM850	-	-	-	-	GPRS 4 Tx slots	Back	0mm	Ant 0	DSI 12	189	836.4	25.51	27.3	1.510	100	1.000	0.01	0.854	1.29
	GSM850	-	-	-	-	GPRS 4 Tx slots	Back	0mm	Ant 0	DSI 12	128	824.2	25.4	27.3	1.549	100	1.000	0.02	0.801	1.241
	GSM850	-	-	-	-	GPRS 4 Tx slots	Back	0mm	Ant 0	DSI 12	251	848.8	25.38	27.3	1.556	100	1.000	0.01	0.756	1.176
	GSM850	-	-	-	-	GPRS 4 Tx slots	Right Side	0mm	Ant 0	DSI 12	189	836.4	25.51	27.3	1.510	100	1.000	-0.08	0.429	0.648
	GSM850	-	-	-	-	GPRS 4 Tx slots	Bottom Side	0mm	Ant 0	DSI 12	189	836.4	25.51	27.3	1.510	100	1.000	0.15	0.526	0.794
	GSM850	-	-	-	-	GPRS 3 Tx slots	Back	15mm	Ant 0	DSI 4	189	836.4	28.84	30	1.306	100	1.000	0.03	0.202	0.264
	GSM850	-	-	-	-	GPRS 3 Tx slots	Right Side	19mm	Ant 0	DSI 4	189	836.4	28.84	30	1.306	100	1.000	0.02	0.175	0.229
	GSM850	-	-	-	-	GPRS 3 Tx slots	Bottom Side	14mm	Ant 0	DSI 4	189	836.4	28.84	30	1.306	100	1.000	0.01	0.198	0.259
	GSM850	-	-	-	-	GPRS 4 Tx slots	Back Right	0mm	Ant 1	DSI 4	189	836.4	24.21	25.6	1.377	100	1.000	0.13	0.886	1.22
	GSM850	-	-	-	-	GPRS 4 Tx slots	Back Right	0mm	Ant 1	DSI 4	128	824.2	24.17	25.6	1.390	100	1.000	0.01	0.821	1.141
	GSM850	-	-	-	-	GPRS 4 Tx slots	Back Right	0mm	Ant 1	DSI 4	251	848.8	24.09	25.6	1.416	100	1.000	0.02	0.795	1.126
	GSM850	-	-	-	-	GPRS 4 Tx slots	Back 1	0mm	Ant 1	DSI 4	189	836.4	24.21	25.6	1.377	100	1.000	0.05	0.240	0.33
	GSM850	-	-	-	-	GPRS 4 Tx slots	Left Side	0mm	Ant 1	DSI 4	189	836.4	24.21	25.6	1.377	100	1.000	-0.11	0.001	0.001
	GSM850	-	-	-	-	GPRS 4 Tx slots	Right Side	0mm	Ant 1	DSI 4	189	836.4	24.21	25.6	1.377	100	1.000	0.1	0.933	1.285
	GSM850	-	-	-	-	GPRS 4 Tx slots	Right Side	0mm	Ant 1	DSI 4	128	824.2	24.17	25.6	1.390	100	1.000	0.03	0.905	1.258
	GSM850	-	-	-	-	GPRS 4 Tx slots	Right Side	0mm	Ant 1	DSI 4	251	848.8	24.09	25.6	1.416	100	1.000	0.02	0.903	1.279
	GSM850	-	-	-	-	GPRS 4 Tx slots	Top Side	0mm	Ant 1	DSI 4	189	836.4	24.21	25.6	1.377	100	1.000	0.03	0.016	0.022
	GSM850	-	-	-	-	GPRS 4 Tx slots	Bottom Side	0mm	Ant 1	DSI 4	189	836.4	24.21	25.6	1.377	100	1.000	-0.17	0.019	0.026
	GSM1900	-	-	-	-	GPRS 4 Tx slots	Back Top	0mm	Ant 3	DSI 12	661	1880	17.7	19.1	1.380	100	1.000	0.08	0.877	1.21
	GSM1900	-	-	-	-	GPRS 4 Tx slots	Back Top	0mm	Ant 3	DSI 12	512	1850.2	17.62	19.1	1.406	100	1.000	0.02	0.750	1.055
	GSM1900	-	-	-	-	GPRS 4 Tx slots	Back Top	0mm	Ant 3	DSI 12	810	1909.8	17.57	19.1	1.422	100	1.000	0.03	0.760	1.081
111	GSM1900	-	-	-	-	GPRS 4 Tx slots	Top Side	0mm	Ant 3	DSI 12	661	1880	17.7	19.1	1.380	100	1.000	-0.09	0.935	1.29
	GSM1900	-	-	-	-	GPRS 4 Tx slots	Top Side	0mm	Ant 3	DSI 12	512	1850.2	17.62	19.1	1.406	100	1.000	0.03	0.901	1.267
	GSM1900	-	-	-	-	GPRS 4 Tx slots	Top Side	0mm	Ant 3	DSI 12	810	1909.8	17.57	19.1	1.422	100	1.000	0.05	0.895	1.273
	GSM1900	-	-	-	-	GPRS 3 Tx slots	Back Top	11mm	Ant 3	DSI 4	661	1880	25.36	26.5	1.300	100	1.000	0.03	0.856	1.113
	GSM1900	-	-	-	-	GPRS 3 Tx slots	Back Top	11mm	Ant 3	DSI 4	512	1850.2	25.04	26.5	1.400	100	1.000	0.01	0.721	1.009
	GSM1900	-	-	-	-	GPRS 3 Tx slots	Back Top	11mm	Ant 3	DSI 4	810	1909.8	25	26.5	1.413	100	1.000	0.02	0.605	0.855
	GSM1900	-	-	-	-	GPRS 3 Tx slots	Top Side	15mm	Ant 3	DSI 4	661	1880	25.36	26.5	1.300	100	1.000	0.02	0.622	0.809
	GSM1900	-	-	-	-	GPRS 3 Tx slots	Top Side	15mm	Ant 3	DSI 4	512	1850.2	25.04	26.5	1.400	100	1.000	0.01	0.653	0.914
	GSM1900	-	-	-	-	GPRS 3 Tx slots	Top Side	15mm	Ant 3	DSI 4	810	1909.8	25	26.5	1.413	100	1.000	0.05	0.598	0.845
	GSM1900	-	-	-	-	GPRS 4 Tx slots	Back Right	0mm	Ant 4	DSI 12	661	1880	17.8	19.3	1.413	100	1.000	0.18	0.827	1.169
	GSM1900	-	-	-	-	GPRS 4 Tx slots	Back Right	0mm	Ant 4	DSI 12	512	1850.2	17.66	19.3	1.459	100	1.000	0.02	0.756	1.103
	GSM1900	-	-	-	-	GPRS 4 Tx slots	Back Right	0mm	Ant 4	DSI 12	810	1909.8	17.73	19.3	1.435	100	1.000	0.03	0.735	1.055
	GSM1900	-	-	-	-	GPRS 4 Tx slots	Right Side	0mm	Ant 4	DSI 12	661	1880	17.8	19.3	1.413	100	1.000	0.01	0.909	1.284
	GSM1900	-	-	-	-	GPRS 4 Tx slots	Right Side	0mm	Ant 4	DSI 12	512	1850.2	17.66	19.3	1.459	100	1.000	0.02	0.821	1.198
	GSM1900	-	-	-	-	GPRS 4 Tx slots	Right Side	0mm	Ant 4	DSI 12	810	1909.8	17.73	19.3	1.435	100	1.000	0.03	0.825	1.184
	GSM1900	-	-	-	-	GPRS 4 Tx slots	Top Side	0mm	Ant 4	DSI 12	661	1880	17.8	19.3	1.413	100	1.000	-0.05	0.158	0.223
	GSM1900	-	-	-	-	GPRS 3 Tx slots	Back Right	9mm	Ant 4	DSI 4	661	1880	24.25	25	1.189	100	1.000	0.02	0.666	0.792
	GSM1900	-	-	-	-	GPRS 3 Tx slots	Right Side	15mm	Ant 4	DSI 4	661	1880	24.25	25	1.189	100	1.000	0.03	0.423	0.503
	GSM1900	-	-	-	-	GPRS 3 Tx slots	Top Side	9mm	Ant 4	DSI 4	661	1880	24.25	25	1.189	100	1.000	0.05	0.142	0.169
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Back Top	0mm	Ant 3	DSI 12	9400	1880	13.99	14.9	1.233	100	1.000	0.01	0.998	1.231
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Back Top	0mm	Ant 3	DSI 12	9262	1852.4	13.86	14.9	1.271	100	1.000	-0.01	0.944	1.2
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Back Top	0mm	Ant 3	DSI 12	9538	1907.6	13.96	14.9	1.242	100	1.000	0.01	0.829	1.03
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Top Side	0mm	Ant 3	DSI 12	9400	1880	13.99	14.9	1.233	100	1.000	-0.12	0.655	0.808
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Top Side	0mm	Ant 3	DSI 12	9262	1852.4	13.86	14.9	1.271	100	1.000	-0.11	0.633	0.805
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Top Side	0mm	Ant 3	DSI 12	9538	1907.6	13.96	14.9	1.242	100	1.000	-0.02	0.631	0.784
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Back Top	11mm	Ant 3	DSI 4	9400	1880	23.76	24	1.057	100	1.000	0.01	0.885	0.935
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Back Top	11mm	Ant 3	DSI 4	9262	1852.4	23.7	24	1.072	100	1.000	0.02	0.751	0.805
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Back Top	11mm	Ant 3	DSI 4	9538	1907.6	23.74	24	1.062	100	1.000	0.03	0.705	0.749
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Top Side	15mm	Ant 3	DSI 4	9400	1880	23.76	24	1.057	100	1.000	0.02	0.665	0.703
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Back Right	0mm	Ant 4	DSI 12	9400	1880	14.28	15.6	1.355	100	1.000	-0.07	0.911	1.234
112	WCDMA II	-	-	-	-	RMC 12.2Kbps	Back Right	0mm	Ant 4	DSI 12	9262	1852.4	14.27	15.6	1.358	100	1.000	0.03	0.945	1.283
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Back Right	0mm	Ant 4	DSI 12	9538	1907.6	14.24	15.6	1.368	100	1.000	-0.02	0.789	1.079
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Right Side	0mm	Ant 4	DSI 12	9400	1880	14.28	15.6	1.355	100	1.000	0.06	0.786	1.065
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Right Side	0mm	Ant 4	DSI 12	9262	1852.4	14.27	15.6	1.358	100	1.000	0.09	0.773	1.05
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Right Side	0mm	Ant 4	DSI 12	9538	1907.6	14.24	15.6	1.368	100	1.000	0.04	0.761	1.041
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Top Side	0mm	Ant 4	DSI 12	9400	1880	14.28	15.6	1.355	100	1.000	0.13	0.132	0.179
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Back Right	9mm	Ant 4	DSI 4	9400	1880	22.74	24	1.337	100	1.000	0.02	0.856	1.144
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Back Right	9mm	Ant 4	DSI 4	9262	1852.4	22.62	24	1.374	100	1.000	0.01	0.801	1.101
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Back Right	9mm	Ant 4	DSI 4	9538	1907.6	22.67	24	1.358	100	1.000	0.03	0.751	1.02
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Right Side	15mm	Ant 4	DSI 4	9400	1880	22.74	24	1.337	100	1.000	0.03	0.566	0.757
	WCDMA II	-	-	-	-	RMC 12.2Kbps	Top Side	9mm	Ant 4	DSI 4	9400	1880	22.74	24	1.337	100	1.000	0.02	0.188	0.251
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Back Top	0mm	Ant 3	DSI 12	1413	1732.6	13.89	15.2	1.352	100	1.000	-0.01	0.858	1.16
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Back Top	0mm	Ant 3	DSI 12	1312	1712.4	13.86	15.2	1.361	100	1.000	-0.17	0.846	1.151
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Back Top	0mm	Ant 3	DSI 12	1513	1752.6	13.86	15.2	1.361	100	1.000	-0.16	0.822	1.119
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Top Side	0mm	Ant 3	DSI 12	1413	1732.6	13.89	15.2	1.352	100	1.000	-0.14	0.806	1.09



FCC SAR Test Report

Report No. : FA5N1310

	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Top Side	0mm	Ant 3	DSI 12	1312	1712.4	13.86	15.2	1.361	100	1.000	-0.08	0.774	1.053
113	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Top Side	0mm	Ant 3	DSI 12	1513	1752.6	13.86	15.2	1.361	100	1.000	0.08	0.931	1.267
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Back Top	11mm	Ant 3	DSI 4	1413	1732.6	23.75	24	1.059	100	1.000	0.02	0.851	0.901
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Back Top	11mm	Ant 3	DSI 4	1312	1712.4	23.67	24	1.079	100	1.000	0.01	0.801	0.864
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Back Top	11mm	Ant 3	DSI 4	1513	1752.6	23.73	24	1.064	100	1.000	0.03	0.751	0.799
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Top Side	15mm	Ant 3	DSI 4	1413	1732.6	23.75	24	1.059	100	1.000	0.03	0.655	0.694
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Back Right	0mm	Ant 4	DSI 12	1413	1732.6	14.46	15.6	1.300	100	1.000	-0.05	0.861	1.119
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Back Right	0mm	Ant 4	DSI 12	1312	1712.4	14.33	15.6	1.340	100	1.000	-0.02	0.757	1.014
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Back Right	0mm	Ant 4	DSI 12	1513	1752.6	14.43	15.6	1.309	100	1.000	0.03	0.958	1.254
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Right Side	0mm	Ant 4	DSI 12	1413	1732.6	14.46	15.6	1.300	100	1.000	-0.11	0.677	0.88
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Right Side	0mm	Ant 4	DSI 12	1312	1712.4	14.33	15.6	1.340	100	1.000	0.07	0.651	0.872
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Right Side	0mm	Ant 4	DSI 12	1513	1752.6	14.43	15.6	1.309	100	1.000	0.07	0.647	0.847
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Top Side	0mm	Ant 4	DSI 12	1413	1732.6	14.46	15.6	1.300	100	1.000	-0.03	0.140	0.182
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Back Right	9mm	Ant 4	DSI 4	1413	1732.6	22.76	24	1.330	100	1.000	0.02	0.776	1.032
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Back Right	9mm	Ant 4	DSI 4	1312	1712.4	22.73	24	1.340	100	1.000	0.01	0.705	0.945
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Back Right	9mm	Ant 4	DSI 4	1513	1752.6	22.72	24	1.343	100	1.000	0.05	0.653	0.877
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Right Side	15mm	Ant 4	DSI 4	1413	1732.6	22.76	24	1.330	100	1.000	0.03	0.587	0.781
	WCDMA IV	-	-	-	-	RMC 12.2Kbps	Top Side	9mm	Ant 4	DSI 4	1413	1732.6	22.76	24	1.330	100	1.000	0.01	0.102	0.136
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Back	0mm	Ant 0	DSI 12	4182	836.4	21.93	22.8	1.222	100	1.000	0.09	1.010	1.234
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Back	0mm	Ant 0	DSI 12	4132	826.4	21.82	22.8	1.253	100	1.000	0.01	0.965	1.209
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Back	0mm	Ant 0	DSI 12	4233	846.6	21.85	22.8	1.245	100	1.000	0.02	0.956	1.19
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Right Side	0mm	Ant 0	DSI 12	4182	836.4	21.93	22.8	1.222	100	1.000	-0.17	0.708	0.865
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Right Side	0mm	Ant 0	DSI 12	4132	826.4	21.82	22.8	1.253	100	1.000	0.02	0.659	0.826
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Right Side	0mm	Ant 0	DSI 12	4233	846.6	21.85	22.8	1.245	100	1.000	0.03	0.653	0.813
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Bottom Side	0mm	Ant 0	DSI 12	4182	836.4	21.93	22.8	1.222	100	1.000	-0.12	0.868	1.061
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Bottom Side	0mm	Ant 0	DSI 12	4132	826.4	21.82	22.8	1.253	100	1.000	0.01	0.821	1.029
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Bottom Side	0mm	Ant 0	DSI 12	4233	846.6	21.85	22.8	1.245	100	1.000	0.03	0.815	1.015
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Back	15mm	Ant 0	DSI 4	4182	836.4	23.49	24	1.125	100	1.000	0.03	0.232	0.261
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Right Side	19mm	Ant 0	DSI 4	4182	836.4	23.49	24	1.125	100	1.000	0.05	0.188	0.212
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Bottom Side	14mm	Ant 0	DSI 4	4182	836.4	23.49	24	1.125	100	1.000	0.01	0.162	0.182
114	WCDMA V	-	-	-	-	RMC 12.2Kbps	Back Right	0mm	Ant 1	DSI 4	4182	836.4	20.21	21.5	1.346	100	1.000	0.03	0.943	1.269
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Back Right	0mm	Ant 1	DSI 4	4132	826.4	20.17	21.5	1.358	100	1.000	0.01	0.905	1.229
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Back Right	0mm	Ant 1	DSI 4	4233	846.6	20.1	21.5	1.380	100	1.000	0.02	0.901	1.243
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Back 1	0mm	Ant 1	DSI 4	4182	836.4	20.21	21.5	1.346	100	1.000	-0.05	0.210	0.283
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Left Side	0mm	Ant 1	DSI 4	4182	836.4	20.21	21.5	1.346	100	1.000	-0.18	0.001	0.001
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Right Side	0mm	Ant 1	DSI 4	4182	836.4	20.21	21.5	1.346	100	1.000	0.02	0.747	1.005
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Right Side	0mm	Ant 1	DSI 4	4132	826.4	20.17	21.5	1.358	100	1.000	0.02	0.655	0.889
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Right Side	0mm	Ant 1	DSI 4	4233	846.6	20.1	21.5	1.380	100	1.000	0.03	0.651	0.898
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Top Side	0mm	Ant 1	DSI 4	4182	836.4	20.21	21.5	1.346	100	1.000	0.01	0.031	0.042
	WCDMA V	-	-	-	-	RMC 12.2Kbps	Bottom Side	0mm	Ant 1	DSI 4	4182	836.4	20.21	21.5	1.346	100	1.000	-0.03	0.018	0.024
	LTE Band 7	20M	QPSK	1	0	-	Back Top	0mm	Ant 3	DSI 12	21100	2535	11.65	12.9	1.334	100	1.000	-0.06	0.880	1.174
	LTE Band 7	20M	QPSK	1	0	-	Back Top	0mm	Ant 3	DSI 12	20850	2510	11.64	12.9	1.337	100	1.000	-0.04	0.875	1.17
	LTE Band 7	20M	QPSK	1	0	-	Back Top	0mm	Ant 3	DSI 12	21350	2560	11.61	12.9	1.346	100	1.000	0.01	0.869	1.17
	LTE Band 7	20M	QPSK	50	0	-	Back Top	0mm	Ant 3	DSI 12	21100	2535	11.64	12.9	1.337	100	1.000	0.19	0.682	0.912
	LTE Band 7	20M	QPSK	50	0	-	Back Top	0mm	Ant 3	DSI 12	20850	2510	11.44	12.9	1.400	100	1.000	0.01	0.677	0.948
	LTE Band 7	20M	QPSK	50	0	-	Back Top	0mm	Ant 3	DSI 12	21350	2560	11.45	12.9	1.396	100	1.000	-0.13	0.666	0.93
	LTE Band 7	20M	QPSK	100	0	-	Back Top	0mm	Ant 3	DSI 12	21100	2535	11.47	12.9	1.390	100	1.000	-0.11	0.669	0.93
	LTE Band 7	20M	QPSK	1	0	-	Top Side	0mm	Ant 3	DSI 12	21100	2535	11.65	12.9	1.334	100	1.000	0.06	0.937	1.25
	LTE Band 7	20M	QPSK	1	0	-	Top Side	0mm	Ant 3	DSI 12	20850	2510	11.64	12.9	1.337	100	1.000	-0.02	0.619	0.828
	LTE Band 7	20M	QPSK	1	0	-	Top Side	0mm	Ant 3	DSI 12	21350	2560	11.61	12.9	1.346	100	1.000	0.19	0.916	1.233
	LTE Band 7	20M	QPSK	50	0	-	Top Side	0mm	Ant 3	DSI 12	21100	2535	11.64	12.9	1.337	100	1.000	0.13	0.755	1.009
	LTE Band 7	20M	QPSK	50	0	-	Top Side	0mm	Ant 3	DSI 12	20850	2510	11.44	12.9	1.400	100	1.000	-0.05	0.504	0.706
	LTE Band 7	20M	QPSK	50	0	-	Top Side	0mm	Ant 3	DSI 12	21350	2560	11.45	12.9	1.396	100	1.000	-0.07	0.755	1.054
	LTE Band 7	20M	QPSK	100	0	-	Top Side	0mm	Ant 3	DSI 12	21100	2535	11.47	12.9	1.390	100	1.000	0.06	0.755	1.049
	LTE Band 7	20M	QPSK	1	0	-	Back Top	11mm	Ant 3	DSI 4	21100	2535	23.35	24	1.161	100	1.000	0.01	0.815	0.946
	LTE Band 7	20M	QPSK	1	0	-	Back Top	11mm	Ant 3	DSI 4	20850	2510	23.28	24	1.180	100	1.000	0.02	0.803	0.948
	LTE Band 7	20M	QPSK	1	0	-	Back Top	11mm	Ant 3	DSI 4	21350	2560	23.33	24	1.167	100	1.000	0.03	0.801	0.935
	LTE Band 7	20M	QPSK	50	0	-	Back Top	11mm	Ant 3	DSI 4	21100	2535	22.36	23	1.159	100	1.000	0.02	0.725	0.84
	LTE Band 7	20M	QPSK	50	0	-	Back Top	11mm	Ant 3	DSI 4	20850	2510	22.31	23	1.172	100	1.000	0.01	0.711	0.833
	LTE Band 7	20M	QPSK	50	0	-	Back Top	11mm	Ant 3	DSI 4	21350	2560	22.34	23	1.164	100	1.000	0.02	0.659	0.767
	LTE Band 7	20M	QPSK	100	0	-	Back Top	11mm	Ant 3	DSI 4	21100	2535	22.32	23	1.169	100	1.000	0.03	0.605	0.707
	LTE Band 7	20M	QPSK	1	0	-	Top Side	15mm	Ant 3	DSI 4	21100	2535	23.35	24	1.161	100	1.000	0.05	0.495	0.575
	LTE Band 7	20M	QPSK	50	0	-	Top Side	15mm	Ant 3	DSI 4	21100	2535	22.36	23	1.159	100	1.000	0.06	0.483	0.56
115	LTE Band 7	20M	QPSK	1	0	-	Back	0mm	Ant 2	DSI 12	21100	2535	13.57	14.6	1.268	100	1.000	0.01	1.020	1.293
	LTE Band 7	20M	QPSK	1	0	-	Back	0mm	Ant 2	DSI 12	20850	2510	13.54	14.6	1.276	100	1.000	0.02	0.985	1.257
	LTE Band 7	20M	QPSK	1	0	-	Back	0mm	Ant 2	DSI 12	21350	2560	13.51	14.6	1.285	100	1.000	0.03	0.951	1.222
	LTE Band 7	20M	QPSK	50	0	-	Back	0mm	Ant 2	DSI 12	21100	2535	13.56	14.6	1.271	100	1.000	-0.05	0.622	0.791
	LTE Band 7	20M	QPSK	100	0	-	Back	0mm	Ant 2	DSI 12	21100	2535	13.52	14.6	1.282	100	1.000	0.02	0.738	0.946
	LTE Band 7	20M	QPSK	1	0	-	Right Side	0mm	Ant 2	DSI 12	21100	2535	13.57	14.6	1.268	100	1.000	-0.1	0.026	0.033
	LTE Band 7	20M	QPSK	50	0	-	Right Side													



FCC SAR Test Report

Report No. : FA5N1310

	LTE Band 7	20M	QPSK	100	0	-	Bottom Side	0mm	Ant 2	DSI 12	21100	2535	13.52	14.6	1.282	100	1.000	0.06	0.508	0.651
	LTE Band 7	20M	QPSK	1	0	-	Back	15mm	Ant 2	DSI 4	21100	2535	23.18	24	1.208	100	1.000	0.02	0.489	0.591
	LTE Band 7	20M	QPSK	50	0	-	Back	15mm	Ant 2	DSI 4	21100	2535	22.2	23	1.202	100	1.000	0.01	0.451	0.542
	LTE Band 7	20M	QPSK	1	0	-	Right Side	19mm	Ant 2	DSI 4	21100	2535	23.18	24	1.208	100	1.000	0.03	0.058	0.07
	LTE Band 7	20M	QPSK	50	0	-	Right Side	19mm	Ant 2	DSI 4	21100	2535	22.2	23	1.202	100	1.000	0.05	0.053	0.064
	LTE Band 7	20M	QPSK	1	0	-	Bottom Side	14mm	Ant 2	DSI 4	21100	2535	23.18	24	1.208	100	1.000	0.06	0.603	0.728
	LTE Band 7	20M	QPSK	50	0	-	Bottom Side	14mm	Ant 2	DSI 4	21100	2535	22.2	23	1.202	100	1.000	0.03	0.551	0.662
	LTE Band 7	20M	QPSK	1	0	-	Back Right	0mm	Ant 4	DSI 12	21100	2535	13.04	14.2	1.306	100	1.000	0.16	0.732	0.956
	LTE Band 7	20M	QPSK	1	0	-	Back Right	0mm	Ant 4	DSI 12	20850	2510	13.01	14.2	1.315	100	1.000	0.05	0.747	0.982
	LTE Band 7	20M	QPSK	1	0	-	Back Right	0mm	Ant 4	DSI 12	21350	2560	13.02	14.2	1.312	100	1.000	0.06	0.971	1.274
	LTE Band 7	20M	QPSK	50	0	-	Back Right	0mm	Ant 4	DSI 12	21100	2535	13.02	14.2	1.312	100	1.000	0.1	0.654	0.858
	LTE Band 7	20M	QPSK	50	0	-	Back Right	0mm	Ant 4	DSI 12	20850	2510	12.93	14.2	1.340	100	1.000	0.01	0.673	0.902
	LTE Band 7	20M	QPSK	50	0	-	Back Right	0mm	Ant 4	DSI 12	21350	2560	13	14.2	1.318	100	1.000	0.05	0.691	0.911
	LTE Band 7	20M	QPSK	100	0	-	Back Right	0mm	Ant 4	DSI 12	21350	2560	12.98	14.2	1.324	100	1.000	-0.12	0.673	0.891
	LTE Band 7	20M	QPSK	1	0	-	Right Side	0mm	Ant 4	DSI 12	21100	2535	13.04	14.2	1.306	100	1.000	-0.06	0.633	0.827
	LTE Band 7	20M	QPSK	1	0	-	Right Side	0mm	Ant 4	DSI 12	20850	2510	13.01	14.2	1.315	100	1.000	-0.03	0.679	0.893
	LTE Band 7	20M	QPSK	1	0	-	Right Side	0mm	Ant 4	DSI 12	21350	2560	13.02	14.2	1.312	100	1.000	0.08	0.743	0.975
	LTE Band 7	20M	QPSK	50	0	-	Right Side	0mm	Ant 4	DSI 12	21100	2535	13.02	14.2	1.312	100	1.000	-0.01	0.610	0.8
	LTE Band 7	20M	QPSK	50	0	-	Right Side	0mm	Ant 4	DSI 12	20850	2510	12.93	14.2	1.340	100	1.000	-0.08	0.621	0.832
	LTE Band 7	20M	QPSK	50	0	-	Right Side	0mm	Ant 4	DSI 12	21350	2560	13	14.2	1.318	100	1.000	-0.1	0.640	0.844
	LTE Band 7	20M	QPSK	100	0	-	Right Side	0mm	Ant 4	DSI 12	21350	2560	12.98	14.2	1.324	100	1.000	0.05	0.636	0.842
	LTE Band 7	20M	QPSK	1	0	-	Top Side	0mm	Ant 4	DSI 12	21100	2535	13.04	14.2	1.306	100	1.000	-0.19	0.041	0.054
	LTE Band 7	20M	QPSK	50	0	-	Top Side	0mm	Ant 4	DSI 12	21100	2535	13.02	14.2	1.312	100	1.000	-0.1	0.037	0.049
	LTE Band 7	20M	QPSK	1	0	-	Back Right	9mm	Ant 4	DSI 4	21100	2535	21.95	23	1.274	100	1.000	0.02	0.472	0.601
	LTE Band 7	20M	QPSK	50	0	-	Back Right	9mm	Ant 4	DSI 4	21100	2535	20.98	22	1.265	100	1.000	0.03	0.451	0.571
	LTE Band 7	20M	QPSK	1	0	-	Right Side	15mm	Ant 4	DSI 4	21100	2535	21.95	23	1.274	100	1.000	0.01	0.369	0.47
	LTE Band 7	20M	QPSK	50	0	-	Right Side	15mm	Ant 4	DSI 4	21100	2535	20.98	22	1.265	100	1.000	0	0.351	0.444
	LTE Band 7	20M	QPSK	1	0	-	Top Side	9mm	Ant 4	DSI 4	21100	2535	21.95	23	1.274	100	1.000	0.02	0.125	0.159
	LTE Band 7	20M	QPSK	50	0	-	Top Side	9mm	Ant 4	DSI 4	21100	2535	20.98	22	1.265	100	1.000	0.03	0.121	0.153
	LTE Band 7	20M	QPSK	1	0	-	Back	0mm	Ant 0	DSI 12	21100	2535	13.98	14.9	1.236	100	1.000	-0.15	0.835	1.032
	LTE Band 7	20M	QPSK	1	0	-	Back	0mm	Ant 0	DSI 12	20850	2510	13.91	14.9	1.256	100	1.000	0.09	0.779	0.978
	LTE Band 7	20M	QPSK	1	0	-	Back	0mm	Ant 0	DSI 12	21350	2560	13.85	14.9	1.274	100	1.000	0.04	0.760	0.968
	LTE Band 7	20M	QPSK	50	0	-	Back	0mm	Ant 0	DSI 12	21100	2535	13.97	14.9	1.239	100	1.000	0.08	0.735	0.911
	LTE Band 7	20M	QPSK	50	0	-	Back	0mm	Ant 0	DSI 12	20850	2510	13.79	14.9	1.291	100	1.000	-0.16	0.724	0.935
	LTE Band 7	20M	QPSK	50	0	-	Back	0mm	Ant 0	DSI 12	21350	2560	13.8	14.9	1.288	100	1.000	0.04	0.659	0.849
	LTE Band 7	20M	QPSK	100	0	-	Back	0mm	Ant 0	DSI 12	21100	2535	13.87	14.9	1.268	100	1.000	0.18	0.640	0.812
	LTE Band 7	20M	QPSK	1	0	-	Right Side	0mm	Ant 0	DSI 12	21100	2535	13.98	14.9	1.236	100	1.000	0.15	0.334	0.413
	LTE Band 7	20M	QPSK	50	0	-	Right Side	0mm	Ant 0	DSI 12	21100	2535	13.97	14.9	1.239	100	1.000	-0.01	0.273	0.338
	LTE Band 7	20M	QPSK	1	0	-	Bottom Side	0mm	Ant 0	DSI 12	21100	2535	13.98	14.9	1.236	100	1.000	-0.18	1.040	1.285
	LTE Band 7	20M	QPSK	1	0	-	Bottom Side	0mm	Ant 0	DSI 12	20850	2510	13.91	14.9	1.256	100	1.000	0.02	0.981	1.232
	LTE Band 7	20M	QPSK	1	0	-	Bottom Side	0mm	Ant 0	DSI 12	21350	2560	13.85	14.9	1.274	100	1.000	0.03	0.953	1.214
	LTE Band 7	20M	QPSK	50	0	-	Bottom Side	0mm	Ant 0	DSI 12	21100	2535	13.97	14.9	1.239	100	1.000	0.18	0.854	1.058
	LTE Band 7	20M	QPSK	50	0	-	Bottom Side	0mm	Ant 0	DSI 12	20850	2510	13.79	14.9	1.291	100	1.000	-0.07	0.820	1.059
	LTE Band 7	20M	QPSK	50	0	-	Bottom Side	0mm	Ant 0	DSI 12	21350	2560	13.8	14.9	1.288	100	1.000	0.06	0.793	1.021
	LTE Band 7	20M	QPSK	100	0	-	Bottom Side	0mm	Ant 0	DSI 12	21100	2535	13.87	14.9	1.268	100	1.000	-0.17	0.851	1.079
	LTE Band 7	20M	QPSK	1	0	-	Back	15mm	Ant 0	DSI 4	21100	2535	22.85	24	1.303	100	1.000	0.02	0.342	0.446
	LTE Band 7	20M	QPSK	50	0	-	Back	15mm	Ant 0	DSI 4	21100	2535	21.83	23	1.309	100	1.000	0.03	0.313	0.41
	LTE Band 7	20M	QPSK	1	0	-	Right Side	19mm	Ant 0	DSI 4	21100	2535	22.85	24	1.303	100	1.000	0.05	0.159	0.207
	LTE Band 7	20M	QPSK	50	0	-	Right Side	19mm	Ant 0	DSI 4	21100	2535	21.83	23	1.309	100	1.000	0.06	0.151	0.198
	LTE Band 7	20M	QPSK	1	0	-	Bottom Side	14mm	Ant 0	DSI 4	21100	2535	22.85	24	1.303	100	1.000	0.05	0.429	0.559
	LTE Band 7	20M	QPSK	50	0	-	Bottom Side	14mm	Ant 0	DSI 4	21100	2535	21.83	23	1.309	100	1.000	0.01	0.421	0.551
	LTE Band 12	10M	QPSK	1	0	-	Back	0mm	Ant 0	DSI 12	23095	707.5	19.08	20.3	1.324	100	1.000	0.1	0.669	0.886
	LTE Band 12	10M	QPSK	25	0	-	Back	0mm	Ant 0	DSI 12	23095	707.5	19.07	20.3	1.327	100	1.000	-0.02	0.546	0.725
	LTE Band 12	10M	QPSK	50	0	-	Back	0mm	Ant 0	DSI 12	23095	707.5	18.93	20.3	1.371	100	1.000	0.01	0.503	0.69
	LTE Band 12	10M	QPSK	1	0	-	Right Side	0mm	Ant 0	DSI 12	23095	707.5	19.08	20.3	1.324	100	1.000	0.01	0.971	1.286
	LTE Band 12	10M	QPSK	25	0	-	Right Side	0mm	Ant 0	DSI 12	23095	707.5	19.07	20.3	1.327	100	1.000	-0.01	0.832	1.104
	LTE Band 12	10M	QPSK	50	0	-	Right Side	0mm	Ant 0	DSI 12	23095	707.5	18.93	20.3	1.371	100	1.000	0.02	0.821	1.126
	LTE Band 12	10M	QPSK	1	0	-	Bottom Side	0mm	Ant 0	DSI 12	23095	707.5	19.08	20.3	1.324	100	1.000	0.14	0.633	0.838
	LTE Band 12	10M	QPSK	25	0	-	Bottom Side	0mm	Ant 0	DSI 12	23095	707.5	19.07	20.3	1.327	100	1.000	-0.09	0.495	0.657
	LTE Band 12	10M	QPSK	50	0	-	Bottom Side	0mm	Ant 0	DSI 12	23095	707.5	18.93	20.3	1.371	100	1.000	0.01	0.551	0.755
	LTE Band 12	10M	QPSK	1	0	-	Back	15mm	Ant 0	DSI 4	23095	707.5	23.04	24	1.247	100	1.000	0.02	0.179	0.223
	LTE Band 12	10M	QPSK	25	0	-	Back	15mm	Ant 0	DSI 4	23095	707.5	22.06	23	1.242	100	1.000	0.03	0.155	0.193
	LTE Band 12	10M	QPSK	1	0	-	Right Side	19mm	Ant 0	DSI 4	23095	707.5	23.04	24	1.247	100	1.000	0.01	0.118	0.147
	LTE Band 12	10M	QPSK	25	0	-	Right Side	19mm	Ant 0	DSI 4	23095	707.5	22.06	23	1.242	100	1.000	0.02	0.101	0.125
	LTE Band 12	10M	QPSK	1	0	-	Bottom Side	14mm	Ant 0	DSI 4	23095	707.5	23.04	24	1.247	100	1.000	0.03	0.172	0.214
	LTE Band 12	10M	QPSK	25	0	-	Bottom Side	14mm	Ant 0	DSI 4	23095	707.5	22.06	23	1.242	100	1.000	0.01	0.152	0.189
116	LTE Band 12	10M	QPSK	1	0	-	Back Right	0mm	Ant 1	DSI 4	23095	707.5	20.15	21.7	1.429	100	1.000	-0.03	0.906	1.295
	LTE Band 12	10M	QPSK	25	0	-	Back Right	0mm	Ant 1	DSI 4	23095	707.5	20.13	21.7	1.435	100	1.000	0.02	0.650	0.933
	LTE Band 12	10M	QPSK	50	0	-	Back Right	0mm	Ant 1	DSI 4	23095	707.5	20.07	21.7	1.455	100	1.000	0.01	0.721	1.049
	LTE Band 12	10M	QPSK	1	0															



FCC SAR Test Report

Report No. : FA5N1310

	LTE Band 12	10M	QPSK	25	0	-	Right Side	0mm	Ant 1	DSI 4	23095	707.5	20.13	21.7	1.435	100	1.000	0.07	0.624	0.895
	LTE Band 12	10M	QPSK	50	0	-	Right Side	0mm	Ant 1	DSI 4	23095	707.5	20.07	21.7	1.455	100	1.000	0.02	0.553	0.805
	LTE Band 12	10M	QPSK	1	0	-	Top Side	0mm	Ant 1	DSI 4	23095	707.5	20.15	21.7	1.429	100	1.000	-0.03	0.013	0.019
	LTE Band 12	10M	QPSK	25	0	-	Top Side	0mm	Ant 1	DSI 4	23095	707.5	20.13	21.7	1.435	100	1.000	-0.04	0.012	0.017
	LTE Band 12	10M	QPSK	1	0	-	Bottom Side	0mm	Ant 1	DSI 4	23095	707.5	20.15	21.7	1.429	100	1.000	0.18	0.007	0.01
	LTE Band 12	10M	QPSK	25	0	-	Bottom Side	0mm	Ant 1	DSI 4	23095	707.5	20.13	21.7	1.435	100	1.000	0.07	0.006	0.009
	LTE Band 13	10M	QPSK	1	0	-	Back	0mm	Ant 0	DSI 12	23230	782	19.55	20.8	1.334	100	1.000	-0.1	0.645	0.86
	LTE Band 13	10M	QPSK	25	0	-	Back	0mm	Ant 0	DSI 12	23230	782	19.53	20.8	1.340	100	1.000	-0.04	0.647	0.867
	LTE Band 13	10M	QPSK	50	0	-	Back	0mm	Ant 0	DSI 12	23230	782	19.48	20.8	1.355	100	1.000	0.03	0.551	0.747
	LTE Band 13	10M	QPSK	1	0	-	Right Side	0mm	Ant 0	DSI 12	23230	782	19.55	20.8	1.334	100	1.000	0.02	0.962	1.283
	LTE Band 13	10M	QPSK	25	0	-	Right Side	0mm	Ant 0	DSI 12	23230	782	19.53	20.8	1.340	100	1.000	0	0.800	1.072
	LTE Band 13	10M	QPSK	50	0	-	Right Side	0mm	Ant 0	DSI 12	23230	782	19.48	20.8	1.355	100	1.000	0.02	0.721	0.977
	LTE Band 13	10M	QPSK	1	0	-	Bottom Side	0mm	Ant 0	DSI 12	23230	782	19.55	20.8	1.334	100	1.000	0.02	0.440	0.587
	LTE Band 13	10M	QPSK	25	0	-	Bottom Side	0mm	Ant 0	DSI 12	23230	782	19.53	20.8	1.340	100	1.000	-0.11	0.462	0.619
	LTE Band 13	10M	QPSK	1	0	-	Back	15mm	Ant 0	DSI 4	23230	782	23.27	24	1.183	100	1.000	0.02	0.152	0.18
	LTE Band 13	10M	QPSK	25	0	-	Back	15mm	Ant 0	DSI 4	23230	782	22.27	23	1.183	100	1.000	0.03	0.141	0.167
	LTE Band 13	10M	QPSK	1	0	-	Right Side	19mm	Ant 0	DSI 4	23230	782	23.27	24	1.183	100	1.000	0.01	0.156	0.185
	LTE Band 13	10M	QPSK	25	0	-	Right Side	19mm	Ant 0	DSI 4	23230	782	22.27	23	1.183	100	1.000	0.02	0.152	0.18
	LTE Band 13	10M	QPSK	1	0	-	Bottom Side	14mm	Ant 0	DSI 4	23230	782	23.27	24	1.183	100	1.000	0.05	0.115	0.136
	LTE Band 13	10M	QPSK	25	0	-	Bottom Side	14mm	Ant 0	DSI 4	23230	782	22.27	23	1.183	100	1.000	0.01	0.103	0.122
117	LTE Band 13	10M	QPSK	1	0	-	Back Right	0mm	Ant 1	DSI 4	23230	782	20.18	21.4	1.324	100	1.000	0.08	0.970	1.284
	LTE Band 13	10M	QPSK	50	0	-	Back Right	0mm	Ant 1	DSI 4	23230	782	20.05	21.4	1.365	100	1.000	0	0.812	1.108
	LTE Band 13	10M	QPSK	25	0	-	Back Right	0mm	Ant 1	DSI 4	23230	782	20.13	21.4	1.340	100	1.000	0	0.806	1.08
	LTE Band 13	10M	QPSK	1	0	-	Back 1	0mm	Ant 1	DSI 4	23230	782	20.18	21.4	1.324	100	1.000	-0.13	0.249	0.33
	LTE Band 13	10M	QPSK	25	0	-	Back 1	0mm	Ant 1	DSI 4	23230	782	20.13	21.4	1.340	100	1.000	0.02	0.235	0.315
	LTE Band 13	10M	QPSK	1	0	-	Left Side	0mm	Ant 1	DSI 4	23230	782	20.18	21.4	1.324	100	1.000	0.1	0.008	0.011
	LTE Band 13	10M	QPSK	25	0	-	Left Side	0mm	Ant 1	DSI 4	23230	782	20.13	21.4	1.340	100	1.000	0.02	0.001	0.001
	LTE Band 13	10M	QPSK	1	0	-	Right Side	0mm	Ant 1	DSI 4	23230	782	20.18	21.4	1.324	100	1.000	0.09	0.886	1.173
	LTE Band 13	10M	QPSK	50	0	-	Right Side	0mm	Ant 1	DSI 4	23230	782	20.05	21.4	1.365	100	1.000	0.11	0.727	0.992
	LTE Band 13	10M	QPSK	25	0	-	Right Side	0mm	Ant 1	DSI 4	23230	782	20.13	21.4	1.340	100	1.000	0.02	0.755	1.012
	LTE Band 13	10M	QPSK	1	0	-	Top Side	0mm	Ant 1	DSI 4	23230	782	20.18	21.4	1.324	100	1.000	-0.04	0.012	0.016
	LTE Band 13	10M	QPSK	25	0	-	Top Side	0mm	Ant 1	DSI 4	23230	782	20.13	21.4	1.340	100	1.000	0.02	0.013	0.017
	LTE Band 13	10M	QPSK	1	0	-	Bottom Side	0mm	Ant 1	DSI 4	23230	782	20.18	21.4	1.324	100	1.000	0.04	0.005	0.007
	LTE Band 13	10M	QPSK	25	0	-	Bottom Side	0mm	Ant 1	DSI 4	23230	782	20.13	21.4	1.340	100	1.000	0.01	0.003	0.004
118	LTE Band 14	10M	QPSK	1	0	-	Back	0mm	Ant 0	DSI 12	23330	793	20.65	22.2	1.429	100	1.000	0.02	0.901	1.288
	LTE Band 14	10M	QPSK	25	0	-	Back	0mm	Ant 0	DSI 12	23330	793	20.61	22.2	1.442	100	1.000	-0.12	0.665	0.959
	LTE Band 14	10M	QPSK	50	0	-	Back	0mm	Ant 0	DSI 12	23330	793	20.59	22.2	1.449	100	1.000	0.03	0.641	0.929
	LTE Band 14	10M	QPSK	1	0	-	Right Side	0mm	Ant 0	DSI 12	23330	793	20.65	22.2	1.429	100	1.000	-0.05	0.871	1.245
	LTE Band 14	10M	QPSK	25	0	-	Right Side	0mm	Ant 0	DSI 12	23330	793	20.61	22.2	1.442	100	1.000	-0.11	0.758	1.093
	LTE Band 14	10M	QPSK	50	0	-	Right Side	0mm	Ant 0	DSI 12	23330	793	20.59	22.2	1.449	100	1.000	0.03	0.751	1.088
	LTE Band 14	10M	QPSK	1	0	-	Bottom Side	0mm	Ant 0	DSI 12	23330	793	20.65	22.2	1.429	100	1.000	0.14	0.543	0.776
	LTE Band 14	10M	QPSK	25	0	-	Bottom Side	0mm	Ant 0	DSI 12	23330	793	20.61	22.2	1.442	100	1.000	0.01	0.459	0.662
	LTE Band 14	10M	QPSK	1	0	-	Back	15mm	Ant 0	DSI 4	23330	793	23.29	24	1.178	100	1.000	0.02	0.218	0.257
	LTE Band 14	10M	QPSK	25	0	-	Back	15mm	Ant 0	DSI 4	23330	793	22.3	23	1.175	100	1.000	0.01	0.211	0.248
	LTE Band 14	10M	QPSK	1	0	-	Right Side	19mm	Ant 0	DSI 4	23330	793	23.29	24	1.178	100	1.000	0.03	0.181	0.213
	LTE Band 14	10M	QPSK	25	0	-	Right Side	19mm	Ant 0	DSI 4	23330	793	22.3	23	1.175	100	1.000	0.02	0.165	0.194
	LTE Band 14	10M	QPSK	1	0	-	Bottom Side	14mm	Ant 0	DSI 4	23330	793	23.29	24	1.178	100	1.000	0.01	0.151	0.178
	LTE Band 14	10M	QPSK	25	0	-	Bottom Side	14mm	Ant 0	DSI 4	23330	793	22.3	23	1.175	100	1.000	0.02	0.131	0.154
	LTE Band 14	10M	QPSK	1	0	-	Back Right	0mm	Ant 1	DSI 4	23330	793	20.63	21.6	1.250	100	1.000	0.16	1.010	1.263
	LTE Band 14	10M	QPSK	50	0	-	Back Right	0mm	Ant 1	DSI 4	23330	793	20.54	21.6	1.276	100	1.000	0.04	0.790	1.008
	LTE Band 14	10M	QPSK	25	0	-	Back Right	0mm	Ant 1	DSI 4	23330	793	20.61	21.6	1.256	100	1.000	0.01	0.656	0.824
	LTE Band 14	10M	QPSK	1	0	-	Back 1	0mm	Ant 1	DSI 4	23330	793	20.63	21.6	1.250	100	1.000	0.18	0.264	0.33
	LTE Band 14	10M	QPSK	25	0	-	Back 1	0mm	Ant 1	DSI 4	23330	793	20.61	21.6	1.256	100	1.000	0.02	0.235	0.295
	LTE Band 14	10M	QPSK	1	0	-	Left Side	0mm	Ant 1	DSI 4	23330	793	20.63	21.6	1.250	100	1.000	0.18	0.011	0.014
	LTE Band 14	10M	QPSK	25	0	-	Left Side	0mm	Ant 1	DSI 4	23330	793	20.61	21.6	1.256	100	1.000	0.02	0.056	0.07
	LTE Band 14	10M	QPSK	1	0	-	Right Side	0mm	Ant 1	DSI 4	23330	793	20.63	21.6	1.250	100	1.000	0.09	0.808	1.01
	LTE Band 14	10M	QPSK	50	0	-	Right Side	0mm	Ant 1	DSI 4	23330	793	20.54	21.6	1.276	100	1.000	-0.01	0.726	0.926
	LTE Band 14	10M	QPSK	25	0	-	Right Side	0mm	Ant 1	DSI 4	23330	793	20.61	21.6	1.256	100	1.000	0.03	0.711	0.893
	LTE Band 14	10M	QPSK	1	0	-	Top Side	0mm	Ant 1	DSI 4	23330	793	20.63	21.6	1.250	100	1.000	0.18	0.016	0.02
	LTE Band 14	10M	QPSK	25	0	-	Top Side	0mm	Ant 1	DSI 4	23330	793	20.61	21.6	1.256	100	1.000	0.01	0.015	0.019
	LTE Band 14	10M	QPSK	1	0	-	Bottom Side	0mm	Ant 1	DSI 4	23330	793	20.63	21.6	1.250	100	1.000	0.1	0.005	0.006
	LTE Band 14	10M	QPSK	25	0	-	Bottom Side	0mm	Ant 1	DSI 4	23330	793	20.61	21.6	1.256	100	1.000	0.02	0.003	0.004
	LTE Band 25	20M	QPSK	1	0	-	Back Top	0mm	Ant 3	DSI 12	26340	1880	13.75	14.8	1.274	100	1.000	0.09	0.931	1.186
	LTE Band 25	20M	QPSK	1	0	-	Back Top	0mm	Ant 3	DSI 12	26140	1860	13.71	14.8	1.285	100	1.000	0.01	1.010	1.298
	LTE Band 25	20M	QPSK	1	0	-	Back Top	0mm	Ant 3	DSI 12	26590	1905	13.73	14.8	1.279	100	1.000	-0.08	0.866	1.108
	LTE Band 25	20M	QPSK	50	0	-	Back Top	0mm	Ant 3	DSI 12	26340	1880	13.71	14.8	1.285	100	1.000	-0.18	0.636	0.817
	LTE Band 25	20M	QPSK	50	0	-	Back Top	0mm	Ant 3	DSI 12	26140	1860	13.69	14.8	1.291	100	1.000	-0.02	0.760	0.981
	LTE Band 25	20M	QPSK	50	0	-	Back Top	0mm	Ant 3	DSI 12	26590	1905	13.68	14.8	1.294	100	1.000	0.01	0.697	0.902
	LTE Band 25	20M	QPSK	100	0	-	Back Top	0mm	Ant 3	DSI 12	26340	1880	13.67	14.8	1.297	100	1.000	0.03	0.760	0.986
	LTE Band 25	20M	QPSK	1	0	-														



FCC SAR Test Report

Report No. : FA5N1310

	LTE Band 25	20M	QPSK	50	0	-	Top Side	0mm	Ant 3	DSI 12	26590	1905	13.68	14.8	1.294	100	1.000	0.01	0.659	0.853
	LTE Band 25	20M	QPSK	100	0	-	Top Side	0mm	Ant 3	DSI 12	26340	1880	13.67	14.8	1.297	100	1.000	0.02	0.625	0.811
	LTE Band 25	20M	QPSK	1	0	-	Back Top	11mm	Ant 3	DSI 4	26340	1880	23.36	24	1.159	100	1.000	0.02	0.865	1.003
	LTE Band 25	20M	QPSK	1	0	-	Back Top	11mm	Ant 3	DSI 4	26140	1860	23.04	24	1.247	100	1.000	0.01	0.801	0.999
	LTE Band 25	20M	QPSK	1	0	-	Back Top	11mm	Ant 3	DSI 4	26590	1905	23.23	24	1.194	100	1.000	0	0.751	0.897
	LTE Band 25	20M	QPSK	50	0	-	Back Top	11mm	Ant 3	DSI 4	26340	1880	22.33	23	1.167	100	1.000	0.03	0.835	0.974
	LTE Band 25	20M	QPSK	50	0	-	Back Top	11mm	Ant 3	DSI 4	26140	1860	22	23	1.259	100	1.000	0.02	0.801	1.008
	LTE Band 25	20M	QPSK	50	0	-	Back Top	11mm	Ant 3	DSI 4	26590	1905	22.19	23	1.205	100	1.000	0.03	0.753	0.907
	LTE Band 25	20M	QPSK	100	0	-	Back Top	11mm	Ant 3	DSI 4	26340	1880	22.08	23	1.236	100	1.000	0.02	0.705	0.871
	LTE Band 25	20M	QPSK	1	0	-	Top Side	15mm	Ant 3	DSI 4	26340	1880	23.36	24	1.159	100	1.000	0.01	0.459	0.532
	LTE Band 25	20M	QPSK	50	0	-	Top Side	15mm	Ant 3	DSI 4	26340	1880	22.33	23	1.167	100	1.000	0.02	0.451	0.526
	LTE Band 25	20M	QPSK	1	0	-	Back	0mm	Ant 2	DSI 12	26340	1880	14.75	15.9	1.303	100	1.000	-0.1	0.911	1.187
119	LTE Band 25	20M	QPSK	1	0	-	Back	0mm	Ant 2	DSI 12	26140	1860	14.71	15.9	1.315	100	1.000	0.01	0.988	1.299
	LTE Band 25	20M	QPSK	1	0	-	Back	0mm	Ant 2	DSI 12	26590	1905	14.73	15.9	1.309	100	1.000	0.02	0.851	1.114
	LTE Band 25	20M	QPSK	50	0	-	Back	0mm	Ant 2	DSI 12	26340	1880	14.73	15.9	1.309	100	1.000	0.03	0.676	0.885
	LTE Band 25	20M	QPSK	50	0	-	Back	0mm	Ant 2	DSI 12	26140	1860	14.69	15.9	1.321	100	1.000	0.01	0.635	0.839
	LTE Band 25	20M	QPSK	50	0	-	Back	0mm	Ant 2	DSI 12	26590	1905	14.68	15.9	1.324	100	1.000	0.02	0.621	0.822
	LTE Band 25	20M	QPSK	100	0	-	Back	0mm	Ant 2	DSI 12	26340	1880	14.69	15.9	1.321	100	1.000	0.05	0.605	0.799
	LTE Band 25	20M	QPSK	1	0	-	Right Side	0mm	Ant 2	DSI 12	26340	1880	14.75	15.9	1.303	100	1.000	0	0.028	0.036
	LTE Band 25	20M	QPSK	50	0	-	Right Side	0mm	Ant 2	DSI 12	26340	1880	14.73	15.9	1.309	100	1.000	0.16	0.023	0.03
	LTE Band 25	20M	QPSK	1	0	-	Bottom Side	0mm	Ant 2	DSI 12	26340	1880	14.75	15.9	1.303	100	1.000	0.02	0.603	0.786
	LTE Band 25	20M	QPSK	50	0	-	Bottom Side	0mm	Ant 2	DSI 12	26340	1880	14.73	15.9	1.309	100	1.000	-0.06	0.492	0.644
	LTE Band 25	20M	QPSK	1	0	-	Back	15mm	Ant 2	DSI 4	26340	1880	22.84	24	1.306	100	1.000	0.01	0.484	0.632
	LTE Band 25	20M	QPSK	50	0	-	Back	15mm	Ant 2	DSI 4	26340	1880	21.86	23	1.300	100	1.000	0.05	0.451	0.586
	LTE Band 25	20M	QPSK	1	0	-	Right Side	19mm	Ant 2	DSI 4	26340	1880	22.84	24	1.306	100	1.000	0.06	0.060	0.078
	LTE Band 25	20M	QPSK	50	0	-	Right Side	19mm	Ant 2	DSI 4	26340	1880	21.86	23	1.300	100	1.000	0.03	0.056	0.073
	LTE Band 25	20M	QPSK	1	0	-	Bottom Side	14mm	Ant 2	DSI 4	26340	1880	22.84	24	1.306	100	1.000	0.02	0.445	0.581
	LTE Band 25	20M	QPSK	50	0	-	Bottom Side	14mm	Ant 2	DSI 4	26340	1880	21.86	23	1.300	100	1.000	0.01	0.414	0.538
	LTE Band 25	20M	QPSK	1	0	-	Back Right	0mm	Ant 4	DSI 12	26340	1880	15.03	16.3	1.340	100	1.000	0.08	0.951	1.274
	LTE Band 25	20M	QPSK	1	0	-	Back Right	0mm	Ant 4	DSI 12	26140	1860	15.01	16.3	1.346	100	1.000	0.17	0.669	0.9
	LTE Band 25	20M	QPSK	1	0	-	Back Right	0mm	Ant 4	DSI 12	26590	1905	14.98	16.3	1.355	100	1.000	-0.08	0.908	1.23
	LTE Band 25	20M	QPSK	50	0	-	Back Right	0mm	Ant 4	DSI 12	26340	1880	15.01	16.3	1.346	100	1.000	-0.13	0.738	0.993
	LTE Band 25	20M	QPSK	50	0	-	Back Right	0mm	Ant 4	DSI 12	26140	1860	14.97	16.3	1.358	100	1.000	-0.14	0.554	0.752
	LTE Band 25	20M	QPSK	50	0	-	Back Right	0mm	Ant 4	DSI 12	26590	1905	14.98	16.3	1.355	100	1.000	-0.03	0.717	0.972
	LTE Band 25	20M	QPSK	100	0	-	Back Right	0mm	Ant 4	DSI 12	26340	1880	14.96	16.3	1.361	100	1.000	0	0.465	0.633
	LTE Band 25	20M	QPSK	1	0	-	Right Side	0mm	Ant 4	DSI 12	26340	1880	15.03	16.3	1.340	100	1.000	-0.08	0.874	1.171
	LTE Band 25	20M	QPSK	1	0	-	Right Side	0mm	Ant 4	DSI 12	26140	1860	15.01	16.3	1.346	100	1.000	-0.14	0.552	0.743
	LTE Band 25	20M	QPSK	1	0	-	Right Side	0mm	Ant 4	DSI 12	26590	1905	14.98	16.3	1.355	100	1.000	0.02	0.806	1.092
	LTE Band 25	20M	QPSK	50	0	-	Right Side	0mm	Ant 4	DSI 12	26340	1880	15.01	16.3	1.346	100	1.000	0.17	0.694	0.934
	LTE Band 25	20M	QPSK	50	0	-	Right Side	0mm	Ant 4	DSI 12	26140	1860	14.97	16.3	1.358	100	1.000	0.14	0.560	0.76
	LTE Band 25	20M	QPSK	50	0	-	Right Side	0mm	Ant 4	DSI 12	26590	1905	14.98	16.3	1.355	100	1.000	-0.07	0.626	0.848
	LTE Band 25	20M	QPSK	100	0	-	Right Side	0mm	Ant 4	DSI 12	26340	1880	14.96	16.3	1.361	100	1.000	-0.13	0.668	0.909
	LTE Band 25	20M	QPSK	1	0	-	Top Side	0mm	Ant 4	DSI 12	26340	1880	15.03	16.3	1.340	100	1.000	-0.13	0.163	0.218
	LTE Band 25	20M	QPSK	50	0	-	Top Side	0mm	Ant 4	DSI 12	26340	1880	15.01	16.3	1.346	100	1.000	-0.12	0.115	0.155
	LTE Band 25	20M	QPSK	1	0	-	Back Right	9mm	Ant 4	DSI 4	26340	1880	21.67	23	1.358	100	1.000	0.01	0.885	1.202
	LTE Band 25	20M	QPSK	1	0	-	Back Right	9mm	Ant 4	DSI 4	26140	1860	21.65	23	1.365	100	1.000	0.02	0.855	1.167
	LTE Band 25	20M	QPSK	1	0	-	Back Right	9mm	Ant 4	DSI 4	26590	1905	21.62	23	1.374	100	1.000	0.03	0.841	1.156
	LTE Band 25	20M	QPSK	50	0	-	Back Right	9mm	Ant 4	DSI 4	26340	1880	20.68	22	1.355	100	1.000	0.02	0.801	1.085
	LTE Band 25	20M	QPSK	50	0	-	Back Right	9mm	Ant 4	DSI 4	26140	1860	20.6	22	1.380	100	1.000	0.05	0.756	1.043
	LTE Band 25	20M	QPSK	50	0	-	Back Right	9mm	Ant 4	DSI 4	26590	1905	20.63	22	1.371	100	1.000	0.06	0.732	1.004
	LTE Band 25	20M	QPSK	100	0	-	Back Right	9mm	Ant 4	DSI 4	26340	1880	20.65	22	1.365	100	1.000	0.08	0.731	0.998
	LTE Band 25	20M	QPSK	1	0	-	Right Side	15mm	Ant 4	DSI 4	26340	1880	21.67	23	1.358	100	1.000	0.05	0.396	0.538
	LTE Band 25	20M	QPSK	50	0	-	Right Side	15mm	Ant 4	DSI 4	26340	1880	20.68	22	1.355	100	1.000	0.01	0.381	0.516
	LTE Band 25	20M	QPSK	1	0	-	Top Side	9mm	Ant 4	DSI 4	26340	1880	21.67	23	1.358	100	1.000	0.03	0.131	0.178
	LTE Band 25	20M	QPSK	50	0	-	Top Side	9mm	Ant 4	DSI 4	26340	1880	20.68	22	1.355	100	1.000	0.01	0.121	0.164
	LTE Band 25	20M	QPSK	1	0	-	Back	0mm	Ant 0	DSI 12	26340	1880	16.03	17.5	1.403	100	1.000	-0.08	0.877	1.23
	LTE Band 25	20M	QPSK	1	0	-	Back	0mm	Ant 0	DSI 12	26140	1860	16.01	17.5	1.409	100	1.000	0	0.809	1.14
	LTE Band 25	20M	QPSK	1	0	-	Back	0mm	Ant 0	DSI 12	26590	1905	15.98	17.5	1.419	100	1.000	0.09	0.909	1.29
	LTE Band 25	20M	QPSK	50	0	-	Back	0mm	Ant 0	DSI 12	26340	1880	15.95	17.5	1.429	100	1.000	0.18	0.778	1.112
	LTE Band 25	20M	QPSK	50	0	-	Back	0mm	Ant 0	DSI 12	26140	1860	15.87	17.5	1.455	100	1.000	-0.14	0.678	0.986
	LTE Band 25	20M	QPSK	50	0	-	Back	0mm	Ant 0	DSI 12	26590	1905	15.91	17.5	1.442	100	1.000	-0.04	0.674	0.972
	LTE Band 25	20M	QPSK	100	0	-	Back	0mm	Ant 0	DSI 12	26340	1880	15.94	17.5	1.432	100	1.000	0.18	0.632	0.905
	LTE Band 25	20M	QPSK	1	0	-	Right Side	0mm	Ant 0	DSI 12	26340	1880	16.03	17.5	1.403	100	1.000	0.11	0.463	0.65
	LTE Band 25	20M	QPSK	50	0	-	Right Side	0mm	Ant 0	DSI 12	26340	1880	15.95	17.5	1.429	100	1.000	0	0.374	0.534
	LTE Band 25	20M	QPSK	1	0	-	Bottom Side	0mm	Ant 0	DSI 12	26340	1880	16.03	17.5	1.403	100	1.000	0.19	0.730	1.024
	LTE Band 25	20M	QPSK	1	0	-	Bottom Side	0mm	Ant 0	DSI 12	26140	1860	16.01	17.5	1.409	100	1.000	0.01	0.714	1.006
	LTE Band 25	20M	QPSK	1	0	-	Bottom Side	0mm	Ant 0	DSI 12	26590	1905	15.98	17.5	1.419	100	1.000	-0.18	0.705	1
	LTE Band 25	20M	QPSK	50	0	-	Bottom Side	0mm	Ant 0	DSI 12	26340	1880	15.95	17.5	1.429	100	1.000	0.12	0.591	0.845
	LTE Band 25	20M	QPSK	50	0	-	Bottom Side	0mm	Ant 0	DSI 12	26140	1860	15.87	17.5	1.455	100	1.000	-0.17	0.558	0.812
	LTE Band 25	20M</																		



FCC SAR Test Report

Report No. : FA5N1310

	LTE Band 25	20M	QPSK	50	0	-	Right Side	19mm	Ant 0	DSI 4	26340	1880	21.05	22	1.245	100	1.000	0.02	0.455	0.566
	LTE Band 25	20M	QPSK	1	0	-	Bottom Side	14mm	Ant 0	DSI 4	26340	1880	22.01	23	1.256	100	1.000	0.02	0.262	0.329
	LTE Band 25	20M	QPSK	50	0	-	Bottom Side	14mm	Ant 0	DSI 4	26340	1880	21.05	22	1.245	100	1.000	0.01	0.251	0.312
	LTE Band 25 Sample2	20M	QPSK	1	0	-	Back	0mm	Ant 0	DSI 12	26590	1905	15.98	17.5	1.419	100	1.000	0.04	0.856	1.215
120	LTE Band 26	15M	QPSK	1	0	-	Back	0mm	Ant 0	DSI 12	26865	831.5	20.08	21.6	1.419	100	1.000	0.02	0.911	1.293
	LTE Band 26	15M	QPSK	36	0	-	Back	0mm	Ant 0	DSI 12	26865	831.5	20.05	21.6	1.429	100	1.000	0.13	0.726	1.037
	LTE Band 26	15M	QPSK	75	0	-	Back	0mm	Ant 0	DSI 12	26865	831.5	19.99	21.6	1.449	100	1.000	0.18	0.754	1.093
	LTE Band 26	15M	QPSK	1	0	-	Right Side	0mm	Ant 0	DSI 12	26865	831.5	20.08	21.6	1.419	100	1.000	0.07	0.902	1.28
	LTE Band 26	15M	QPSK	36	0	-	Right Side	0mm	Ant 0	DSI 12	26865	831.5	20.05	21.6	1.429	100	1.000	0.12	0.777	1.11
	LTE Band 26	15M	QPSK	75	0	-	Right Side	0mm	Ant 0	DSI 12	26865	831.5	19.99	21.6	1.449	100	1.000	0.01	0.785	1.137
	LTE Band 26	15M	QPSK	1	0	-	Bottom Side	0mm	Ant 0	DSI 12	26865	831.5	20.08	21.6	1.419	100	1.000	-0.19	0.524	0.744
	LTE Band 26	15M	QPSK	36	0	-	Bottom Side	0mm	Ant 0	DSI 12	26865	831.5	20.05	21.6	1.429	100	1.000	-0.04	0.410	0.586
	LTE Band 26	15M	QPSK	1	0	-	Back	15mm	Ant 0	DSI 4	26865	831.5	22.93	24	1.279	100	1.000	0.02	0.253	0.324
	LTE Band 26	15M	QPSK	36	0	-	Back	15mm	Ant 0	DSI 4	26865	831.5	21.93	23	1.279	100	1.000	0.03	0.245	0.313
	LTE Band 26	15M	QPSK	1	0	-	Right Side	19mm	Ant 0	DSI 4	26865	831.5	22.93	24	1.279	100	1.000	0.01	0.153	0.196
	LTE Band 26	15M	QPSK	36	0	-	Right Side	19mm	Ant 0	DSI 4	26865	831.5	21.93	23	1.279	100	1.000	0.02	0.151	0.193
	LTE Band 26	15M	QPSK	1	0	-	Bottom Side	14mm	Ant 0	DSI 4	26865	831.5	22.93	24	1.279	100	1.000	0.01	0.160	0.205
	LTE Band 26	15M	QPSK	36	0	-	Bottom Side	14mm	Ant 0	DSI 4	26865	831.5	21.93	23	1.279	100	1.000	0.05	0.141	0.18
	LTE Band 26 Sample2	15M	QPSK	1	0	-	Back	0mm	Ant 0	DSI 12	26865	831.5	20.08	21.6	1.419	100	1.000	-0.04	0.873	1.239
	LTE Band 26	15M	QPSK	1	0	-	Back Right	0mm	Ant 1	DSI 4	26865	831.5	20.03	21.4	1.371	100	1.000	-0.08	0.875	1.2
	LTE Band 26	15M	QPSK	36	0	-	Back Right	0mm	Ant 1	DSI 4	26865	831.5	19.95	21.4	1.396	100	1.000	-0.15	0.664	0.927
	LTE Band 26	15M	QPSK	75	0	-	Back Right	0mm	Ant 1	DSI 4	26865	831.5	19.93	21.4	1.403	100	1.000	0.02	0.603	0.846
	LTE Band 26	15M	QPSK	1	0	-	Back 1	0mm	Ant 1	DSI 4	26865	831.5	20.03	21.4	1.371	100	1.000	-0.04	0.218	0.299
	LTE Band 26	15M	QPSK	36	0	-	Back 1	0mm	Ant 1	DSI 4	26865	831.5	19.95	21.4	1.396	100	1.000	0.06	0.166	0.232
	LTE Band 26	15M	QPSK	1	0	-	Left Side	0mm	Ant 1	DSI 4	26865	831.5	20.03	21.4	1.371	100	1.000	-0.05	0.008	0.011
	LTE Band 26	15M	QPSK	36	0	-	Left Side	0mm	Ant 1	DSI 4	26865	831.5	19.95	21.4	1.396	100	1.000	0.04	0.007	0.01
	LTE Band 26	15M	QPSK	1	0	-	Right Side	0mm	Ant 1	DSI 4	26865	831.5	20.03	21.4	1.371	100	1.000	0.02	0.928	1.272
	LTE Band 26	15M	QPSK	36	0	-	Right Side	0mm	Ant 1	DSI 4	26865	831.5	19.95	21.4	1.396	100	1.000	0.16	0.726	1.013
	LTE Band 26	15M	QPSK	75	0	-	Right Side	0mm	Ant 1	DSI 4	26865	831.5	19.93	21.4	1.403	100	1.000	0.03	0.625	0.877
	LTE Band 26	15M	QPSK	1	0	-	Top Side	0mm	Ant 1	DSI 4	26865	831.5	20.03	21.4	1.371	100	1.000	-0.1	0.016	0.022
	LTE Band 26	15M	QPSK	36	0	-	Top Side	0mm	Ant 1	DSI 4	26865	831.5	19.95	21.4	1.396	100	1.000	-0.08	0.013	0.018
	LTE Band 26	15M	QPSK	1	0	-	Bottom Side	0mm	Ant 1	DSI 4	26865	831.5	20.03	21.4	1.371	100	1.000	-0.05	0.005	0.007
	LTE Band 26	15M	QPSK	36	0	-	Bottom Side	0mm	Ant 1	DSI 4	26865	831.5	19.95	21.4	1.396	100	1.000	-0.12	0.004	0.006
	LTE Band 30	10M	QPSK	1	0	-	Back Top	0mm	Ant 3	DSI 12	27710	2310	13.47	14.7	1.327	100	1.000	0.06	0.692	0.918
	LTE Band 30	10M	QPSK	25	0	-	Back Top	0mm	Ant 3	DSI 12	27710	2310	13.45	14.7	1.334	100	1.000	-0.08	0.564	0.752
	LTE Band 30	10M	QPSK	50	0	-	Back Top	0mm	Ant 3	DSI 12	27710	2310	13.36	14.7	1.361	100	1.000	0.17	0.559	0.761
	LTE Band 30	10M	QPSK	1	0	-	Top Side	0mm	Ant 3	DSI 12	27710	2310	13.47	14.7	1.327	100	1.000	-0.08	0.962	1.277
	LTE Band 30	10M	QPSK	25	0	-	Top Side	0mm	Ant 3	DSI 12	27710	2310	13.45	14.7	1.334	100	1.000	0.06	0.955	1.274
	LTE Band 30	10M	QPSK	50	0	-	Top Side	0mm	Ant 3	DSI 12	27710	2310	13.36	14.7	1.361	100	1.000	-0.04	0.772	1.051
	LTE Band 30	10M	QPSK	1	0	-	Back Top	11mm	Ant 3	DSI 4	27710	2310	23.53	24	1.114	100	1.000	0.02	0.851	0.948
	LTE Band 30	10M	QPSK	25	0	-	Back Top	11mm	Ant 3	DSI 4	27710	2310	22.44	23	1.138	100	1.000	0.01	0.755	0.859
	LTE Band 30	10M	QPSK	50	0	-	Back Top	11mm	Ant 3	DSI 4	27710	2310	22.4	23	1.148	100	1.000	0.02	0.711	0.816
	LTE Band 30	10M	QPSK	1	0	-	Top Side	15mm	Ant 3	DSI 4	27710	2310	23.53	24	1.114	100	1.000	0.03	0.414	0.461
	LTE Band 30	10M	QPSK	25	0	-	Top Side	15mm	Ant 3	DSI 4	27710	2310	22.44	23	1.138	100	1.000	0.02	0.405	0.461
	LTE Band 30	10M	QPSK	1	0	-	Back	0mm	Ant 2	DSI 12	27710	2310	15.55	16.8	1.334	100	1.000	0.01	0.968	1.291
	LTE Band 30	10M	QPSK	25	0	-	Back	0mm	Ant 2	DSI 12	27710	2310	15.53	16.8	1.340	100	1.000	-0.01	0.746	1
	LTE Band 30	10M	QPSK	50	0	-	Back	0mm	Ant 2	DSI 12	27710	2310	15.48	16.8	1.355	100	1.000	0.05	0.645	0.874
	LTE Band 30	10M	QPSK	1	0	-	Right Side	0mm	Ant 2	DSI 12	27710	2310	15.55	16.8	1.334	100	1.000	0.07	0.031	0.041
	LTE Band 30	10M	QPSK	25	0	-	Right Side	0mm	Ant 2	DSI 12	27710	2310	15.53	16.8	1.340	100	1.000	0.19	0.024	0.032
	LTE Band 30	10M	QPSK	1	0	-	Bottom Side	0mm	Ant 2	DSI 12	27710	2310	15.55	16.8	1.334	100	1.000	0.17	0.807	1.077
	LTE Band 30	10M	QPSK	25	0	-	Bottom Side	0mm	Ant 2	DSI 12	27710	2310	15.53	16.8	1.340	100	1.000	0.03	0.645	0.864
	LTE Band 30	10M	QPSK	50	0	-	Bottom Side	0mm	Ant 2	DSI 12	27710	2310	15.48	16.8	1.355	100	1.000	0.02	0.653	0.885
	LTE Band 30	10M	QPSK	1	0	-	Back	15mm	Ant 2	DSI 4	27710	2310	23.17	24	1.211	100	1.000	0.01	0.339	0.411
	LTE Band 30	10M	QPSK	25	0	-	Back	15mm	Ant 2	DSI 4	27710	2310	22.19	23	1.205	100	1.000	0.02	0.305	0.368
	LTE Band 30	10M	QPSK	1	0	-	Right Side	19mm	Ant 2	DSI 4	27710	2310	23.17	24	1.211	100	1.000	0.05	0.010	0.012
	LTE Band 30	10M	QPSK	25	0	-	Right Side	19mm	Ant 2	DSI 4	27710	2310	22.19	23	1.205	100	1.000	0.06	0.058	0.07
	LTE Band 30	10M	QPSK	1	0	-	Bottom Side	14mm	Ant 2	DSI 4	27710	2310	23.17	24	1.211	100	1.000	0.03	0.633	0.767
	LTE Band 30	10M	QPSK	25	0	-	Bottom Side	14mm	Ant 2	DSI 4	27710	2310	22.19	23	1.205	100	1.000	0.02	0.601	0.724
	LTE Band 30	10M	QPSK	1	0	-	Back Right	0mm	Ant 4	DSI 12	27710	2310	14.87	16.3	1.390	100	1.000	0.01	0.914	1.27
	LTE Band 30	10M	QPSK	25	0	-	Back Right	0mm	Ant 4	DSI 12	27710	2310	14.85	16.3	1.396	100	1.000	-0.09	0.838	1.17
	LTE Band 30	10M	QPSK	50	0	-	Back Right	0mm	Ant 4	DSI 12	27710	2310	14.69	16.3	1.449	100	1.000	0.01	0.852	1.235
	LTE Band 30	10M	QPSK	1	0	-	Right Side	0mm	Ant 4	DSI 12	27710	2310	14.87	16.3	1.390	100	1.000	-0.05	0.854	1.187
	LTE Band 30	10M	QPSK	25	0	-	Right Side	0mm	Ant 4	DSI 12	27710	2310	14.85	16.3	1.396	100	1.000	-0.14	0.735	1.026
	LTE Band 30	10M	QPSK	50	0	-	Right Side	0mm	Ant 4	DSI 12	27710	2310	14.69	16.3	1.449	100	1.000	0.03	0.783	1.135
	LTE Band 30	10M	QPSK	1	0	-	Top Side	0mm	Ant 4	DSI 12	27710	2310	14.87	16.3	1.390	100	1.000	0.02	0.110	0.153
	LTE Band 30	10M	QPSK	25	0	-	Top Side	0mm	Ant 4	DSI 12	27710	2310	14.85	16.3	1.396	100	1.000	0.1	0.084	0.117
	LTE Band 30	10M	QPSK	1	0	-	Back Right	9mm	Ant 4	DSI 4	27710	2310	21.8	23	1.318	100	1.000	0.02	0.434	0.572
	LTE Band 30	10M	QPSK	25	0	-	Back Right	9mm	Ant 4	DSI 4	27710	2310	20.88	22	1.294	100	1.000	0.03	0.411	0.532
	LTE Band 30	10M	QPSK	1	0	-	Right Side	15mm	Ant 4	DSI 4	27710	2310	21.8	23	1.318	100	1.000	0.01		



FCC SAR Test Report

Report No. : FA5N1310

	LTE Band 30	10M	QPSK	1	0	-	Back	0mm	Ant 0	DSI 12	27710	2310	16.43	17.4	1.250	100	1.000	0.17	0.950	1.188
121	LTE Band 30	10M	QPSK	25	0	-	Back	0mm	Ant 0	DSI 12	27710	2310	16.41	17.4	1.256	100	1.000	0.09	1.030	1.294
	LTE Band 30	10M	QPSK	50	0	-	Back	0mm	Ant 0	DSI 12	27710	2310	16.32	17.4	1.282	100	1.000	0.05	0.852	1.092
	LTE Band 30	10M	QPSK	1	0	-	Right Side	0mm	Ant 0	DSI 12	27710	2310	16.43	17.4	1.250	100	1.000	0.16	0.366	0.458
	LTE Band 30	10M	QPSK	25	0	-	Right Side	0mm	Ant 0	DSI 12	27710	2310	16.41	17.4	1.256	100	1.000	-0.02	0.286	0.359
	LTE Band 30	10M	QPSK	1	0	-	Bottom Side	0mm	Ant 0	DSI 12	27710	2310	16.43	17.4	1.250	100	1.000	-0.01	0.941	1.176
	LTE Band 30	10M	QPSK	25	0	-	Bottom Side	0mm	Ant 0	DSI 12	27710	2310	16.41	17.4	1.256	100	1.000	-0.05	0.755	0.948
	LTE Band 30	10M	QPSK	50	0	-	Bottom Side	0mm	Ant 0	DSI 12	27710	2310	16.32	17.4	1.282	100	1.000	0.16	0.746	0.956
	LTE Band 30	10M	QPSK	1	0	-	Back	15mm	Ant 0	DSI 4	27710	2310	22.65	24	1.365	100	1.000	0.02	0.496	0.677
	LTE Band 30	10M	QPSK	25	0	-	Back	15mm	Ant 0	DSI 4	27710	2310	21.67	23	1.358	100	1.000	0.03	0.451	0.612
	LTE Band 30	10M	QPSK	1	0	-	Right Side	19mm	Ant 0	DSI 4	27710	2310	22.65	24	1.365	100	1.000	0.01	0.101	0.138
	LTE Band 30	10M	QPSK	25	0	-	Right Side	19mm	Ant 0	DSI 4	27710	2310	21.67	23	1.358	100	1.000	0.02	0.098	0.133
	LTE Band 30	10M	QPSK	1	0	-	Bottom Side	14mm	Ant 0	DSI 4	27710	2310	22.65	24	1.365	100	1.000	0.03	0.411	0.561
	LTE Band 30	10M	QPSK	25	0	-	Bottom Side	14mm	Ant 0	DSI 4	27710	2310	21.67	23	1.358	100	1.000	0.01	0.401	0.545
	LTE Band 30 Sample2	10M	QPSK	25	0	-	Back	0mm	Ant 0	DSI 12	27710	2310	16.41	17.4	1.256	100	1.000	0.04	0.977	1.227
	LTE Band 66	20M	QPSK	1	0	-	Back Top	0mm	Ant 3	DSI 12	132322	1745	15.88	17	1.294	100	1.000	-0.14	0.885	1.145
	LTE Band 66	20M	QPSK	1	0	-	Back Top	0mm	Ant 3	DSI 12	132072	1720	15.85	17	1.303	100	1.000	0.16	0.871	1.135
	LTE Band 66	20M	QPSK	1	0	-	Back Top	0mm	Ant 3	DSI 12	132572	1770	15.83	17	1.309	100	1.000	0.19	0.867	1.135
	LTE Band 66	20M	QPSK	50	0	-	Back Top	0mm	Ant 3	DSI 12	132322	1745	15.85	17	1.303	100	1.000	-0.18	0.706	0.92
	LTE Band 66	20M	QPSK	50	0	-	Back Top	0mm	Ant 3	DSI 12	132072	1720	15.84	17	1.306	100	1.000	0.12	0.698	0.912
	LTE Band 66	20M	QPSK	50	0	-	Back Top	0mm	Ant 3	DSI 12	132572	1770	15.8	17	1.318	100	1.000	0.03	0.643	0.847
	LTE Band 66	20M	QPSK	100	0	-	Back Top	0mm	Ant 3	DSI 12	132322	1745	15.82	17	1.312	100	1.000	0.01	0.639	0.838
122	LTE Band 66	20M	QPSK	1	0	-	Top Side	0mm	Ant 3	DSI 12	132322	1745	15.88	17	1.294	100	1.000	-0.09	1.000	1.294
	LTE Band 66	20M	QPSK	1	0	-	Top Side	0mm	Ant 3	DSI 12	132572	1770	15.83	17	1.309	100	1.000	-0.02	0.977	1.279
	LTE Band 66	20M	QPSK	1	0	-	Top Side	0mm	Ant 3	DSI 12	132072	1720	15.85	17	1.303	100	1.000	-0.18	0.981	1.278
	LTE Band 66	20M	QPSK	50	0	-	Top Side	0mm	Ant 3	DSI 12	132322	1745	15.85	17	1.303	100	1.000	-0.06	0.794	1.035
	LTE Band 66	20M	QPSK	50	0	-	Top Side	0mm	Ant 3	DSI 12	132072	1720	15.84	17	1.306	100	1.000	-0.03	0.794	1.037
	LTE Band 66	20M	QPSK	50	0	-	Top Side	0mm	Ant 3	DSI 12	132572	1770	15.8	17	1.318	100	1.000	0.07	0.924	1.218
	LTE Band 66	20M	QPSK	100	0	-	Top Side	0mm	Ant 3	DSI 12	132322	1745	15.82	17	1.312	100	1.000	0.12	0.786	1.031
	LTE Band 66	20M	QPSK	1	0	-	Back Top	11mm	Ant 3	DSI 4	132322	1745	23.25	24	1.189	100	1.000	0.01	0.845	1.005
	LTE Band 66	20M	QPSK	1	0	-	Back Top	11mm	Ant 3	DSI 4	132072	1720	23.24	24	1.191	100	1.000	0.03	0.801	0.954
	LTE Band 66	20M	QPSK	1	0	-	Back Top	11mm	Ant 3	DSI 4	132572	1770	23.18	24	1.208	100	1.000	0.02	0.751	0.907
	LTE Band 66	20M	QPSK	50	0	-	Back Top	11mm	Ant 3	DSI 4	132322	1745	22.2	23	1.202	100	1.000	0.02	0.756	0.909
	LTE Band 66	20M	QPSK	50	0	-	Back Top	11mm	Ant 3	DSI 4	132072	1720	22.09	23	1.233	100	1.000	0.1	0.656	0.809
	LTE Band 66	20M	QPSK	50	0	-	Back Top	11mm	Ant 3	DSI 4	132572	1770	22.12	23	1.225	100	1.000	0.03	0.605	0.741
	LTE Band 66	20M	QPSK	100	0	-	Back Top	11mm	Ant 3	DSI 4	132322	1745	22.12	23	1.225	100	1.000	0.02	0.601	0.736
	LTE Band 66	20M	QPSK	1	0	-	Top Side	15mm	Ant 3	DSI 4	132322	1745	23.25	24	1.189	100	1.000	0.03	0.453	0.539
	LTE Band 66	20M	QPSK	50	0	-	Top Side	15mm	Ant 3	DSI 4	132322	1745	22.2	23	1.202	100	1.000	0.02	0.451	0.542
	LTE Band 66	20M	QPSK	1	0	-	Back	0mm	Ant 2	DSI 12	132322	1745	14.35	15.6	1.334	100	1.000	0.01	0.954	1.273
	LTE Band 66	20M	QPSK	1	0	-	Back	0mm	Ant 2	DSI 12	132072	1720	14.31	15.6	1.346	100	1.000	-0.01	0.936	1.26
	LTE Band 66	20M	QPSK	1	0	-	Back	0mm	Ant 2	DSI 12	132572	1770	14.32	15.6	1.343	100	1.000	0.01	0.923	1.24
	LTE Band 66	20M	QPSK	50	0	-	Back	0mm	Ant 2	DSI 12	132322	1745	14.31	15.6	1.346	100	1.000	0.15	0.711	0.957
	LTE Band 66	20M	QPSK	50	0	-	Back	0mm	Ant 2	DSI 12	132072	1720	14.23	15.6	1.371	100	1.000	0.02	0.721	0.988
	LTE Band 66	20M	QPSK	50	0	-	Back	0mm	Ant 2	DSI 12	132572	1770	14.22	15.6	1.374	100	1.000	0.06	0.735	1.01
	LTE Band 66	20M	QPSK	100	0	-	Back	0mm	Ant 2	DSI 12	132322	1745	14.19	15.6	1.384	100	1.000	0.01	0.751	1.039
	LTE Band 66	20M	QPSK	1	0	-	Right Side	0mm	Ant 2	DSI 12	132322	1745	14.35	15.6	1.334	100	1.000	-0.17	0.030	0.04
	LTE Band 66	20M	QPSK	50	0	-	Right Side	0mm	Ant 2	DSI 12	132322	1745	14.31	15.6	1.346	100	1.000	-0.11	0.024	0.032
	LTE Band 66	20M	QPSK	1	0	-	Bottom Side	0mm	Ant 2	DSI 12	132322	1745	14.35	15.6	1.334	100	1.000	0.14	0.593	0.791
	LTE Band 66	20M	QPSK	50	0	-	Bottom Side	0mm	Ant 2	DSI 12	132322	1745	14.31	15.6	1.346	100	1.000	0.01	0.478	0.643
	LTE Band 66	20M	QPSK	1	0	-	Back	15mm	Ant 2	DSI 4	132322	1745	22.98	24	1.265	100	1.000	0.02	0.627	0.793
	LTE Band 66	20M	QPSK	50	0	-	Back	15mm	Ant 2	DSI 4	132322	1745	21.93	23	1.279	100	1.000	0.03	0.605	0.774
	LTE Band 66	20M	QPSK	1	0	-	Right Side	19mm	Ant 2	DSI 4	132322	1745	22.98	24	1.265	100	1.000	0.05	0.001	0.001
	LTE Band 66	20M	QPSK	50	0	-	Right Side	19mm	Ant 2	DSI 4	132322	1745	21.93	23	1.279	100	1.000	0.01	0.002	0.003
	LTE Band 66	20M	QPSK	1	0	-	Bottom Side	14mm	Ant 2	DSI 4	132322	1745	22.98	24	1.265	100	1.000	0.03	0.877	1.109
	LTE Band 66	20M	QPSK	1	0	-	Bottom Side	14mm	Ant 2	DSI 4	132072	1720	22.92	24	1.282	100	1.000	0.02	0.805	1.032
	LTE Band 66	20M	QPSK	1	0	-	Bottom Side	14mm	Ant 2	DSI 4	132572	1770	22.95	24	1.274	100	1.000	0.01	0.801	1.02
	LTE Band 66	20M	QPSK	50	0	-	Bottom Side	14mm	Ant 2	DSI 4	132322	1745	21.93	23	1.279	100	1.000	0.02	0.801	1.024
	LTE Band 66	20M	QPSK	50	0	-	Bottom Side	14mm	Ant 2	DSI 4	132072	1720	21.9	23	1.288	100	1.000	0.03	0.751	0.967
	LTE Band 66	20M	QPSK	50	0	-	Bottom Side	14mm	Ant 2	DSI 4	132572	1770	21.86	23	1.300	100	1.000	0.01	0.732	0.952
	LTE Band 66	20M	QPSK	100	0	-	Bottom Side	14mm	Ant 2	DSI 4	132322	1745	21.91	23	1.285	100	1.000	0.02	0.731	0.939
	LTE Band 66	20M	QPSK	1	0	-	Back Right	0mm	Ant 4	DSI 12	132322	1745	16.62	18.1	1.406	100	1.000	-0.15	0.881	1.239
	LTE Band 66	20M	QPSK	1	0	-	Back Right	0mm	Ant 4	DSI 12	132072	1720	16.61	18.1	1.409	100	1.000	0.01	0.903	1.272
	LTE Band 66	20M	QPSK	1	0	-	Back Right	0mm	Ant 4	DSI 12	132572	1770	16.58	18.1	1.419	100	1.000	0.04	0.831	1.179
	LTE Band 66	20M	QPSK	50	0	-	Back Right	0mm	Ant 4	DSI 12	132322	1745	16.58	18.1	1.419	100	1.000	0.15	0.691	0.981
	LTE Band 66	20M	QPSK	50	0	-	Back Right	0mm	Ant 4	DSI 12	132072	1720	16.52	18.1	1.439	100	1.000	-0.05	0.728	1.048
	LTE Band 66	20M	QPSK	50	0	-	Back Right	0mm	Ant 4	DSI 12	132572	1770	16.51	18.1	1.442	100	1.000	0.07	0.669	0.965
	LTE Band 66	20M	QPSK	100	0	-	Back Right	0mm	Ant 4	DSI 12	132322	1745	16.5	18.1	1.445	100	1.000	-0.05	0.667	0.964
	LTE Band 66	20M	QPSK	1	0	-	Right Side	0mm	Ant 4	DSI 12	132322	1745	16.62	18.1	1.406	100	1.000	-0.1	0.780	1.097
	LTE Band 66	20M	QPSK	1	0	-	Right Side	0mm	Ant 4	DSI 12	132072	1720	16.61							



FCC SAR Test Report

Report No. : FA5N1310

	LTE Band 66	20M	QPSK	100	0	-	Right Side	0mm	Ant 4	DSI 12	132322	1745	16.5	18.1	1.445	100	1.000	-0.11	0.642	0.928
	LTE Band 66	20M	QPSK	1	0	-	Top Side	0mm	Ant 4	DSI 12	132322	1745	16.62	18.1	1.406	100	1.000	0.07	0.170	0.239
	LTE Band 66	20M	QPSK	50	0	-	Top Side	0mm	Ant 4	DSI 12	132322	1745	16.58	18.1	1.419	100	1.000	-0.19	0.132	0.187
	LTE Band 66	20M	QPSK	1	0	-	Back Right	9mm	Ant 4	DSI 4	132322	1745	21.7	23	1.349	100	1.000	0.02	0.739	0.997
	LTE Band 66	20M	QPSK	1	0	-	Back Right	9mm	Ant 4	DSI 4	132072	1720	21.69	23	1.352	100	1.000	0.02	0.701	0.948
	LTE Band 66	20M	QPSK	1	0	-	Back Right	9mm	Ant 4	DSI 4	132572	1770	21.65	23	1.365	100	1.000	0.01	0.705	0.962
	LTE Band 66	20M	QPSK	50	0	-	Back Right	9mm	Ant 4	DSI 4	132322	1745	20.69	22	1.352	100	1.000	0.01	0.702	0.949
	LTE Band 66	20M	QPSK	50	0	-	Back Right	9mm	Ant 4	DSI 4	132072	1720	20.63	22	1.371	100	1.000	0.03	0.653	0.895
	LTE Band 66	20M	QPSK	50	0	-	Back Right	9mm	Ant 4	DSI 4	132572	1770	20.65	22	1.365	100	1.000	0.02	0.625	0.853
	LTE Band 66	20M	QPSK	100	0	-	Back Right	9mm	Ant 4	DSI 4	132322	1745	20.63	22	1.371	100	1.000	0.05	0.621	0.851
	LTE Band 66	20M	QPSK	1	0	-	Right Side	15mm	Ant 4	DSI 4	132322	1745	21.7	23	1.349	100	1.000	0.05	0.551	0.743
	LTE Band 66	20M	QPSK	50	0	-	Right Side	15mm	Ant 4	DSI 4	132322	1745	20.69	22	1.352	100	1.000	0.06	0.503	0.68
	LTE Band 66	20M	QPSK	1	0	-	Top Side	9mm	Ant 4	DSI 4	132322	1745	21.7	23	1.349	100	1.000	0.02	0.079	0.107
	LTE Band 66	20M	QPSK	50	0	-	Top Side	9mm	Ant 4	DSI 4	132322	1745	20.69	22	1.352	100	1.000	0.01	0.071	0.096
	LTE Band 66	20M	QPSK	1	0	-	Back	0mm	Ant 0	DSI 12	132322	1745	16.57	18.1	1.422	100	1.000	0.09	0.906	1.288
	LTE Band 66	20M	QPSK	1	0	-	Back	0mm	Ant 0	DSI 12	132072	1720	16.55	18.1	1.429	100	1.000	0.02	0.855	1.222
	LTE Band 66	20M	QPSK	1	0	-	Back	0mm	Ant 0	DSI 12	132572	1770	16.51	18.1	1.442	100	1.000	0.03	0.853	1.23
	LTE Band 66	20M	QPSK	50	0	-	Back	0mm	Ant 0	DSI 12	132322	1745	16.56	18.1	1.426	100	1.000	0.11	0.777	1.108
	LTE Band 66	20M	QPSK	50	0	-	Back	0mm	Ant 0	DSI 12	132072	1720	16.51	18.1	1.442	100	1.000	0.14	0.712	1.027
	LTE Band 66	20M	QPSK	50	0	-	Back	0mm	Ant 0	DSI 12	132572	1770	16.53	18.1	1.435	100	1.000	-0.11	0.789	1.132
	LTE Band 66	20M	QPSK	100	0	-	Back	0mm	Ant 0	DSI 12	132322	1745	16.48	18.1	1.452	100	1.000	0.04	0.627	0.91
	LTE Band 66	20M	QPSK	1	0	-	Right Side	0mm	Ant 0	DSI 12	132322	1745	16.57	18.1	1.422	100	1.000	-0.04	0.736	1.047
	LTE Band 66	20M	QPSK	1	0	-	Right Side	0mm	Ant 0	DSI 12	132072	1720	16.55	18.1	1.429	100	1.000	-0.1	0.716	1.023
	LTE Band 66	20M	QPSK	1	0	-	Right Side	0mm	Ant 0	DSI 12	132572	1770	16.51	18.1	1.442	100	1.000	-0.03	0.654	0.943
	LTE Band 66	20M	QPSK	50	0	-	Right Side	0mm	Ant 0	DSI 12	132322	1745	16.56	18.1	1.426	100	1.000	-0.02	0.588	0.838
	LTE Band 66	20M	QPSK	50	0	-	Right Side	0mm	Ant 0	DSI 12	132072	1720	16.51	18.1	1.442	100	1.000	0.09	0.552	0.796
	LTE Band 66	20M	QPSK	50	0	-	Right Side	0mm	Ant 0	DSI 12	132572	1770	16.53	18.1	1.435	100	1.000	0.08	0.546	0.784
	LTE Band 66	20M	QPSK	100	0	-	Right Side	0mm	Ant 0	DSI 12	132322	1745	16.48	18.1	1.452	100	1.000	0.11	0.542	0.787
	LTE Band 66	20M	QPSK	1	0	-	Bottom Side	0mm	Ant 0	DSI 12	132322	1745	16.57	18.1	1.422	100	1.000	0	0.561	0.798
	LTE Band 66	20M	QPSK	50	0	-	Bottom Side	0mm	Ant 0	DSI 12	132322	1745	16.56	18.1	1.426	100	1.000	0.05	0.459	0.655
	LTE Band 66	20M	QPSK	1	0	-	Back	15mm	Ant 0	DSI 4	132322	1745	22.16	23	1.213	100	1.000	0.02	0.450	0.546
	LTE Band 66	20M	QPSK	50	0	-	Back	15mm	Ant 0	DSI 4	132322	1745	21.19	22	1.205	100	1.000	0.03	0.351	0.423
	LTE Band 66	20M	QPSK	1	0	-	Right Side	19mm	Ant 0	DSI 4	132322	1745	22.16	23	1.213	100	1.000	0.01	0.585	0.71
	LTE Band 66	20M	QPSK	50	0	-	Right Side	19mm	Ant 0	DSI 4	132322	1745	21.19	22	1.205	100	1.000	0.02	0.501	0.604
	LTE Band 66	20M	QPSK	1	0	-	Bottom Side	14mm	Ant 0	DSI 4	132322	1745	22.16	23	1.213	100	1.000	0.01	0.159	0.193
	LTE Band 66	20M	QPSK	50	0	-	Bottom Side	14mm	Ant 0	DSI 4	132322	1745	21.19	22	1.205	100	1.000	0.02	0.151	0.182
	LTE Band 71	20M	QPSK	1	0	-	Back	0mm	Ant 0	DSI 12	133297	680.5	20.01	21.2	1.315	100	1.000	-0.12	0.792	1.041
	LTE Band 71	20M	QPSK	50	0	-	Back	0mm	Ant 0	DSI 12	133297	680.5	19.98	21.2	1.324	100	1.000	0.01	0.638	0.845
	LTE Band 71	20M	QPSK	100	0	-	Back	0mm	Ant 0	DSI 12	133297	680.5	19.93	21.2	1.340	100	1.000	0.02	0.611	0.819
123	LTE Band 71	20M	QPSK	1	0	-	Right Side	0mm	Ant 0	DSI 12	133297	680.5	20.01	21.2	1.315	100	1.000	0.06	0.967	1.272
	LTE Band 71	20M	QPSK	50	0	-	Right Side	0mm	Ant 0	DSI 12	133297	680.5	19.98	21.2	1.324	100	1.000	-0.01	0.717	0.949
	LTE Band 71	20M	QPSK	100	0	-	Right Side	0mm	Ant 0	DSI 12	133297	680.5	19.93	21.2	1.340	100	1.000	0.02	0.721	0.966
	LTE Band 71	20M	QPSK	1	0	-	Bottom Side	0mm	Ant 0	DSI 12	133297	680.5	20.01	21.2	1.315	100	1.000	-0.07	0.701	0.922
	LTE Band 71	20M	QPSK	50	0	-	Bottom Side	0mm	Ant 0	DSI 12	133297	680.5	19.98	21.2	1.324	100	1.000	0.17	0.579	0.767
	LTE Band 71	20M	QPSK	100	0	-	Bottom Side	0mm	Ant 0	DSI 12	133297	680.5	19.93	21.2	1.340	100	1.000	0.02	0.521	0.698
	LTE Band 71	20M	QPSK	1	0	-	Back	15mm	Ant 0	DSI 4	133297	680.5	23.3	24	1.175	100	1.000	0.01	0.119	0.14
	LTE Band 71	20M	QPSK	50	0	-	Back	15mm	Ant 0	DSI 4	133297	680.5	22.38	23	1.153	100	1.000	0.02	0.105	0.121
	LTE Band 71	20M	QPSK	1	0	-	Right Side	19mm	Ant 0	DSI 4	133297	680.5	23.3	24	1.175	100	1.000	0.03	0.135	0.159
	LTE Band 71	20M	QPSK	50	0	-	Right Side	19mm	Ant 0	DSI 4	133297	680.5	22.38	23	1.153	100	1.000	0	0.098	0.113
	LTE Band 71	20M	QPSK	1	0	-	Bottom Side	14mm	Ant 0	DSI 4	133297	680.5	23.3	24	1.175	100	1.000	0.05	0.182	0.214
	LTE Band 71	20M	QPSK	50	0	-	Bottom Side	14mm	Ant 0	DSI 4	133297	680.5	22.38	23	1.153	100	1.000	0.03	0.153	0.176
	LTE Band 71	20M	QPSK	1	0	-	Back Right	0mm	Ant 1	DSI 4	133297	680.5	19.63	20.8	1.309	100	1.000	0.02	0.968	1.267
	LTE Band 71	20M	QPSK	50	0	-	Back Right	0mm	Ant 1	DSI 4	133297	680.5	19.61	20.8	1.315	100	1.000	0.19	0.939	1.235
	LTE Band 71	20M	QPSK	100	0	-	Back Right	0mm	Ant 1	DSI 4	133297	680.5	19.55	20.8	1.334	100	1.000	0.13	0.904	1.206
	LTE Band 71	20M	QPSK	1	0	-	Back 1	0mm	Ant 1	DSI 4	133297	680.5	19.63	20.8	1.309	100	1.000	-0.14	0.259	0.339
	LTE Band 71	20M	QPSK	50	0	-	Back 1	0mm	Ant 1	DSI 4	133297	680.5	19.61	20.8	1.315	100	1.000	0.19	0.237	0.312
	LTE Band 71	20M	QPSK	1	0	-	Left Side	0mm	Ant 1	DSI 4	133297	680.5	19.63	20.8	1.309	100	1.000	-0.06	0.005	0.007
	LTE Band 71	20M	QPSK	50	0	-	Left Side	0mm	Ant 1	DSI 4	133297	680.5	19.61	20.8	1.315	100	1.000	-0.15	0.004	0.005
	LTE Band 71	20M	QPSK	1	0	-	Right Side	0mm	Ant 1	DSI 4	133297	680.5	19.63	20.8	1.309	100	1.000	-0.14	0.799	1.046
	LTE Band 71	20M	QPSK	50	0	-	Right Side	0mm	Ant 1	DSI 4	133297	680.5	19.61	20.8	1.315	100	1.000	0.1	0.684	0.899
	LTE Band 71	20M	QPSK	100	0	-	Right Side	0mm	Ant 1	DSI 4	133297	680.5	19.55	20.8	1.334	100	1.000	-0.06	0.702	0.936
	LTE Band 71	20M	QPSK	1	0	-	Top Side	0mm	Ant 1	DSI 4	133297	680.5	19.63	20.8	1.309	100	1.000	0.02	0.012	0.016
	LTE Band 71	20M	QPSK	50	0	-	Top Side	0mm	Ant 1	DSI 4	133297	680.5	19.61	20.8	1.315	100	1.000	-0.02	0.011	0.014
	LTE Band 71	20M	QPSK	1	0	-	Bottom Side	0mm	Ant 1	DSI 4	133297	680.5	19.63	20.8	1.309	100	1.000	0.16	0.005	0.007
	LTE Band 71	20M	QPSK	50	0	-	Bottom Side	0mm	Ant 1	DSI 4	133297	680.5	19.61	20.8	1.315	100	1.000	-0.01	0.004	0.005
	LTE Band 41	20M	QPSK	1	0	-	Back Top	0mm	Ant 3	DSI 12	40620	2593	13.85	15	1.303	62.9	1.006	-0.07	0.910	1.193
	LTE Band 41	20M	QPSK	1	0	-	Back Top	0mm	Ant 3	DSI 12	39750	2506	13.75	15	1.334	62.9	1.006	0.07	0.860	1.154
	LTE Band 41	20M	QPSK	1	0	-	Back Top	0mm	Ant 3	DSI 12	40185	2549.5	13.78	15	1.324	62.9	1.006	-0.09	0.845	1.125
	LTE Band 41	20M	QPSK	1	0	-	Back Top	0mm	Ant 3	DSI 12	41055	2636								



FCC SAR Test Report

Report No. : FA5N1310

	LTE Band 41	20M	QPSK	50	0	-	Back Top	0mm	Ant 3	DSI 12	41490	2680	13.79	15	1.321	62.9	1.006	0.16	0.668	0.888
	LTE Band 41	20M	QPSK	100	0	-	Back Top	0mm	Ant 3	DSI 12	40620	2593	13.81	15	1.315	62.9	1.006	-0.03	0.663	0.877
	LTE Band 41	20M	QPSK	1	0	-	Top Side	0mm	Ant 3	DSI 12	40620	2593	13.85	15	1.303	62.9	1.006	0.01	0.987	1.294
	LTE Band 41	20M	QPSK	1	0	-	Top Side	0mm	Ant 3	DSI 12	39750	2506	13.75	15	1.334	62.9	1.006	-0.11	0.695	0.933
	LTE Band 41	20M	QPSK	1	0	-	Top Side	0mm	Ant 3	DSI 12	40185	2549.5	13.78	15	1.324	62.9	1.006	0.13	0.782	1.042
	LTE Band 41	20M	QPSK	1	0	-	Top Side	0mm	Ant 3	DSI 12	41055	2636.5	13.84	15	1.306	62.9	1.006	0.05	0.809	1.063
	LTE Band 41	20M	QPSK	1	0	-	Top Side	0mm	Ant 3	DSI 4	41490	2680	13.82	15	1.312	62.9	1.006	-0.17	0.653	0.862
	LTE Band 41	20M	QPSK	50	0	-	Top Side	0mm	Ant 3	DSI 12	40620	2593	13.84	15	1.306	62.9	1.006	0.08	0.807	1.06
	LTE Band 41	20M	QPSK	50	0	-	Top Side	0mm	Ant 3	DSI 12	39750	2506	13.75	15	1.334	62.9	1.006	0.02	0.552	0.741
	LTE Band 41	20M	QPSK	50	0	-	Top Side	0mm	Ant 3	DSI 12	40185	2549.5	13.78	15	1.324	62.9	1.006	-0.14	0.628	0.836
	LTE Band 41	20M	QPSK	50	0	-	Top Side	0mm	Ant 3	DSI 12	41055	2636.5	13.78	15	1.324	62.9	1.006	0.03	0.648	0.863
	LTE Band 41	20M	QPSK	50	0	-	Top Side	0mm	Ant 3	DSI 12	41490	2680	13.79	15	1.321	62.9	1.006	-0.07	0.530	0.704
	LTE Band 41	20M	QPSK	100	0	-	Top Side	0mm	Ant 3	DSI 12	40620	2593	13.81	15	1.315	62.9	1.006	0.02	0.790	1.045
	LTE Band 41_HPUE	20M	QPSK	1	0	-	Top Side	0mm	Ant 3	DSI 12	40620	2593	15.61	16.6	1.256	42.9	1.009	0.02	0.953	1.208
	LTE Band 41	20M	QPSK	1	0	-	Back Top	11mm	Ant 3	DSI 4	40620	2593	23.47	24	1.130	62.9	1.006	0.01	0.856	0.973
	LTE Band 41	20M	QPSK	1	0	-	Back Top	11mm	Ant 3	DSI 4	39750	2506	23.37	24	1.156	62.9	1.006	0.02	0.751	0.873
	LTE Band 41	20M	QPSK	1	0	-	Back Top	11mm	Ant 3	DSI 4	40185	2549.5	23.4	24	1.148	62.9	1.006	0.01	0.659	0.761
	LTE Band 41	20M	QPSK	1	0	-	Back Top	11mm	Ant 3	DSI 4	41055	2636.5	23.42	24	1.143	62.9	1.006	0	0.605	0.696
	LTE Band 41	20M	QPSK	1	0	-	Back Top	11mm	Ant 3	DSI 4	41490	2680	23.27	24	1.183	62.9	1.006	-0.12	0.754	0.897
	LTE Band 41	20M	QPSK	50	0	-	Back Top	11mm	Ant 3	DSI 4	40620	2593	22.6	23	1.096	62.9	1.006	0.02	0.732	0.807
	LTE Band 41	20M	QPSK	50	0	-	Back Top	11mm	Ant 3	DSI 4	39750	2506	22.44	23	1.138	62.9	1.006	0.03	0.656	0.751
	LTE Band 41	20M	QPSK	50	0	-	Back Top	11mm	Ant 3	DSI 4	40185	2549.5	22.46	23	1.132	62.9	1.006	0.02	0.605	0.689
	LTE Band 41	20M	QPSK	50	0	-	Back Top	11mm	Ant 3	DSI 4	41055	2636.5	22.49	23	1.125	62.9	1.006	0.01	0.601	0.68
	LTE Band 41	20M	QPSK	50	0	-	Back Top	11mm	Ant 3	DSI 4	41490	2680	22.37	23	1.156	62.9	1.006	0.02	0.583	0.678
	LTE Band 41	20M	QPSK	100	0	-	Back Top	11mm	Ant 3	DSI 4	40620	2593	22.52	23	1.117	62.9	1.006	0.17	0.715	0.803
	LTE Band 41	20M	QPSK	1	0	-	Top Side	15mm	Ant 3	DSI 4	40620	2593	23.47	24	1.130	62.9	1.006	0.08	0.506	0.575
	LTE Band 41	20M	QPSK	50	0	-	Top Side	15mm	Ant 3	DSI 4	40620	2593	22.6	23	1.096	62.9	1.006	0.02	0.482	0.531
	LTE Band 41_HPUE	20M	QPSK	1	0	-	Back Top	11mm	Ant 3	DSI 4	40620	2593	26.33	27	1.167	42.9	1.009	0.02	0.832	0.98
	LTE Band 41	20M	QPSK	1	0	-	Back	0mm	Ant 2	DSI 12	40620	2593	14.24	15.7	1.400	62.9	1.006	-0.09	0.919	1.294
	LTE Band 41	20M	QPSK	1	0	-	Back	0mm	Ant 2	DSI 12	39750	2506	14.21	15.7	1.409	62.9	1.006	-0.14	0.893	1.266
	LTE Band 41	20M	QPSK	1	0	-	Back	0mm	Ant 2	DSI 12	40185	2549.5	14.21	15.7	1.409	62.9	1.006	0.14	0.901	1.277
	LTE Band 41	20M	QPSK	1	0	-	Back	0mm	Ant 2	DSI 12	41055	2636.5	14.19	15.7	1.416	62.9	1.006	0.05	0.752	1.071
	LTE Band 41	20M	QPSK	1	0	-	Back	0mm	Ant 2	DSI 12	41490	2680	14.18	15.7	1.419	62.9	1.006	0.09	0.675	0.964
	LTE Band 41	20M	QPSK	50	0	-	Back	0mm	Ant 2	DSI 12	40620	2593	14.19	15.7	1.416	62.9	1.006	-0.13	0.792	1.128
	LTE Band 41	20M	QPSK	50	0	-	Back	0mm	Ant 2	DSI 12	39750	2506	14.13	15.7	1.435	62.9	1.006	0.02	0.802	1.158
	LTE Band 41	20M	QPSK	50	0	-	Back	0mm	Ant 2	DSI 12	40185	2549.5	14.15	15.7	1.429	62.9	1.006	-0.12	0.660	0.949
	LTE Band 41	20M	QPSK	50	0	-	Back	0mm	Ant 2	DSI 12	41055	2636.5	14.17	15.7	1.422	62.9	1.006	0.07	0.780	1.116
	LTE Band 41	20M	QPSK	50	0	-	Back	0mm	Ant 2	DSI 12	41490	2680	14.15	15.7	1.429	62.9	1.006	0	0.740	1.064
	LTE Band 41	20M	QPSK	100	0	-	Back	0mm	Ant 2	DSI 12	40620	2593	14.18	15.7	1.419	62.9	1.006	-0.12	0.816	1.165
	LTE Band 41	20M	QPSK	1	0	-	Right Side	0mm	Ant 2	DSI 12	40620	2593	14.24	15.7	1.400	62.9	1.006	0.02	0.019	0.027
	LTE Band 41	20M	QPSK	50	0	-	Right Side	0mm	Ant 2	DSI 12	40620	2593	14.19	15.7	1.416	62.9	1.006	0.17	0.016	0.023
	LTE Band 41	20M	QPSK	1	0	-	Bottom Side	0mm	Ant 2	DSI 12	40620	2593	14.24	15.7	1.400	62.9	1.006	0.08	0.688	0.969
	LTE Band 41	20M	QPSK	1	0	-	Bottom Side	0mm	Ant 2	DSI 12	39750	2506	14.21	15.7	1.409	62.9	1.006	0.02	0.605	0.858
	LTE Band 41	20M	QPSK	1	0	-	Bottom Side	0mm	Ant 2	DSI 12	40185	2549.5	14.21	15.7	1.409	62.9	1.006	0.03	0.601	0.852
	LTE Band 41	20M	QPSK	1	0	-	Bottom Side	0mm	Ant 2	DSI 12	41055	2636.5	14.19	15.7	1.416	62.9	1.006	0.01	0.589	0.839
	LTE Band 41	20M	QPSK	1	0	-	Bottom Side	0mm	Ant 2	DSI 12	41490	2680	14.18	15.7	1.419	62.9	1.006	0.06	0.581	0.829
	LTE Band 41	20M	QPSK	50	0	-	Bottom Side	0mm	Ant 2	DSI 12	40620	2593	14.19	15.7	1.416	62.9	1.006	0.04	0.631	0.899
	LTE Band 41	20M	QPSK	50	0	-	Bottom Side	0mm	Ant 2	DSI 12	39750	2506	14.13	15.7	1.435	62.9	1.006	0.05	0.602	0.869
	LTE Band 41	20M	QPSK	50	0	-	Bottom Side	0mm	Ant 2	DSI 12	40185	2549.5	14.15	15.7	1.429	62.9	1.006	0.06	0.553	0.795
	LTE Band 41	20M	QPSK	50	0	-	Bottom Side	0mm	Ant 2	DSI 12	41055	2636.5	14.17	15.7	1.422	62.9	1.006	0.07	0.551	0.788
	LTE Band 41	20M	QPSK	50	0	-	Bottom Side	0mm	Ant 2	DSI 12	41490	2680	14.15	15.7	1.429	62.9	1.006	0.08	0.483	0.694
	LTE Band 41	20M	QPSK	100	0	-	Bottom Side	0mm	Ant 2	DSI 12	40620	2593	14.18	15.7	1.419	62.9	1.006	0.09	0.521	0.744
	LTE Band 41_HPUE	20M	QPSK	1	0	-	Back	0mm	Ant 2	DSI 12	40620	2593	16.07	17.3	1.327	42.9	1.009	0.03	0.908	1.216
	LTE Band 41	20M	QPSK	1	0	-	Back	15mm	Ant 2	DSI 4	40620	2593	23.16	24	1.213	62.9	1.006	0.03	0.459	0.56
	LTE Band 41	20M	QPSK	50	0	-	Back	15mm	Ant 2	DSI 4	40620	2593	22.19	23	1.205	62.9	1.006	0.02	0.453	0.549
	LTE Band 41	20M	QPSK	1	0	-	Right Side	19mm	Ant 2	DSI 4	40620	2593	23.16	24	1.213	62.9	1.006	0.01	0.001	0.001
	LTE Band 41	20M	QPSK	50	0	-	Right Side	19mm	Ant 2	DSI 4	40620	2593	22.19	23	1.205	62.9	1.006	0.05	0.001	0.001
	LTE Band 41	20M	QPSK	1	0	-	Bottom Side	14mm	Ant 2	DSI 4	40620	2593	23.16	24	1.213	62.9	1.006	0.06	0.747	0.912
	LTE Band 41	20M	QPSK	1	0	-	Bottom Side	14mm	Ant 2	DSI 4	39750	2506	23.01	24	1.256	62.9	1.006	0.02	0.656	0.829
	LTE Band 41	20M	QPSK	1	0	-	Bottom Side	14mm	Ant 2	DSI 4	40185	2549.5	23.11	24	1.227	62.9	1.006	0.01	0.605	0.747
	LTE Band 41	20M	QPSK	1	0	-	Bottom Side	14mm	Ant 2	DSI 4	41055	2636.5	23.12	24	1.225	62.9	1.006	0.05	0.603	0.743
	LTE Band 41	20M	QPSK	1	0	-	Bottom Side	14mm	Ant 2	DSI 4	41490	2680	23.05	24	1.245	62.9	1.006	0.06	0.599	0.75
	LTE Band 41	20M	QPSK	50	0	-	Bottom Side	14mm	Ant 2	DSI 4	40620	2593	22.19	23	1.205	62.9	1.006	0.03	0.725	0.879
	LTE Band 41	20M	QPSK	50	0	-	Bottom Side	14mm	Ant 2	DSI 4	39750	2506	22.15	23	1.216	62.9	1.006	0.06	0.605	0.74
	LTE Band 41	20M	QPSK	50	0	-	Bottom Side	14mm	Ant 2	DSI 4	40185	2549.5	22.13	23	1.222	62.9	1.006	0.05	0.601	0.739
	LTE Band 41	20M	QPSK	50	0	-	Bottom Side	14mm	Ant 2	DSI 4	41055	2636.5	22.11	23	1.227	62.9	1.006	0.03	0.581	0.717
	LTE Band 41	20M	QPSK	50	0	-	Bottom Side	14mm	Ant 2	DSI 4	41490	2680	22.08	23	1.236	62.9	1.006	0.02	0.575	0.715
	LTE Band 41	20M	QPSK	100	0	-	Bottom Side	14mm	Ant 2	DSI 4	40620	2593	22.11	23	1.227	62.9	1.006	0.01	0.573	0.707
	LTE Band 41_HPUE	20M	QPSK	1	0	-	Bottom Side	14mm	Ant 2	DSI 4	40620	25								



FCC SAR Test Report

Report No. : FA5N1310

	LTE Band 41	20M	QPSK	50	0	-	Back Right	0mm	Ant 4	DSI 12	40620	2593	14.81	16.3	1.409	62.9	1.006	-0.05	0.680	0.964
	LTE Band 41	20M	QPSK	50	0	-	Back Right	0mm	Ant 4	DSI 12	39750	2506	14.7	16.3	1.445	62.9	1.006	0.14	0.536	0.779
	LTE Band 41	20M	QPSK	50	0	-	Back Right	0mm	Ant 4	DSI 12	40185	2549.5	14.71	16.3	1.442	62.9	1.006	-0.14	0.525	0.762
	LTE Band 41	20M	QPSK	50	0	-	Back Right	0mm	Ant 4	DSI 12	41055	2636.5	14.68	16.3	1.452	62.9	1.006	-0.17	0.751	1.097
	LTE Band 41	20M	QPSK	50	0	-	Back Right	0mm	Ant 4	DSI 12	41490	2680	14.66	16.3	1.459	62.9	1.006	0.11	0.739	1.085
	LTE Band 41	20M	QPSK	100	0	-	Back Right	0mm	Ant 4	DSI 12	40185	2549.5	14.76	16.3	1.426	62.9	1.006	-0.08	0.722	1.036
	LTE Band 41	20M	QPSK	1	0	-	Right Side	0mm	Ant 4	DSI 12	41490	2680	14.85	16.3	1.396	62.9	1.006	-0.14	0.625	0.878
	LTE Band 41	20M	QPSK	1	0	-	Right Side	0mm	Ant 4	DSI 12	39750	2506	14.81	16.3	1.409	62.9	1.006	0.14	0.425	0.602
	LTE Band 41	20M	QPSK	1	0	-	Right Side	0mm	Ant 4	DSI 12	40185	2549.5	14.83	16.3	1.403	62.9	1.006	-0.03	0.600	0.847
	LTE Band 41	20M	QPSK	1	0	-	Right Side	0mm	Ant 4	DSI 12	41055	2636.5	14.82	16.3	1.406	62.9	1.006	0.03	0.483	0.683
	LTE Band 41	20M	QPSK	1	0	-	Right Side	0mm	Ant 4	DSI 12	41490	2680	14.8	16.3	1.413	62.9	1.006	0.1	0.637	0.905
	LTE Band 41	20M	QPSK	50	0	-	Right Side	0mm	Ant 4	DSI 12	40620	2593	14.81	16.3	1.409	62.9	1.006	-0.03	0.577	0.818
	LTE Band 41	20M	QPSK	50	0	-	Right Side	0mm	Ant 4	DSI 12	39750	2506	14.7	16.3	1.445	62.9	1.006	-0.04	0.556	0.808
	LTE Band 41	20M	QPSK	50	0	-	Right Side	0mm	Ant 4	DSI 12	40185	2549.5	14.71	16.3	1.442	62.9	1.006	-0.18	0.573	0.831
	LTE Band 41	20M	QPSK	50	0	-	Right Side	0mm	Ant 4	DSI 12	41055	2636.5	14.68	16.3	1.452	62.9	1.006	-0.12	0.493	0.72
	LTE Band 41	20M	QPSK	50	0	-	Right Side	0mm	Ant 4	DSI 12	41490	2680	14.66	16.3	1.459	62.9	1.006	0.12	0.454	0.666
	LTE Band 41	20M	QPSK	100	0	-	Right Side	0mm	Ant 4	DSI 12	40185	2549.5	14.76	16.3	1.426	62.9	1.006	-0.09	0.445	0.638
	LTE Band 41	20M	QPSK	1	0	-	Top Side	0mm	Ant 4	DSI 12	40620	2593	14.85	16.3	1.396	62.9	1.006	0.09	0.049	0.069
	LTE Band 41	20M	QPSK	50	0	-	Top Side	0mm	Ant 4	DSI 12	40620	2593	14.81	16.3	1.409	62.9	1.006	0.11	0.039	0.055
	LTE Band 41_HPUE	20M	QPSK	1	0	-	Back Right	0mm	Ant 4	DSI 12	41055	2636.5	16.52	17.9	1.374	42.9	1.009	0.02	0.906	1.256
	LTE Band 41	20M	QPSK	1	0	-	Back Right	9mm	Ant 4	DSI 4	40620	2593	22.05	23	1.245	62.9	1.006	0.02	0.470	0.589
	LTE Band 41	20M	QPSK	50	0	-	Back Right	9mm	Ant 4	DSI 4	40620	2593	21.09	22	1.233	62.9	1.006	0.03	0.451	0.559
	LTE Band 41	20M	QPSK	1	0	-	Right Side	15mm	Ant 4	DSI 4	40620	2593	22.05	23	1.245	62.9	1.006	0.02	0.305	0.382
	LTE Band 41	20M	QPSK	50	0	-	Right Side	15mm	Ant 4	DSI 4	40620	2593	21.09	22	1.233	62.9	1.006	0.01	0.301	0.373
	LTE Band 41	20M	QPSK	1	0	-	Top Side	9mm	Ant 4	DSI 4	40620	2593	22.05	23	1.245	62.9	1.006	0.03	0.071	0.089
	LTE Band 41	20M	QPSK	50	0	-	Top Side	9mm	Ant 4	DSI 4	40620	2593	21.09	22	1.233	62.9	1.006	0.02	0.055	0.068
	LTE Band 41_HPUE	20M	QPSK	1	0	-	Back Right	0mm	Ant 4	DSI 4	40620	2593	24.89	26	1.291	42.9	1.009	0.01	0.465	0.606
	LTE Band 41	20M	QPSK	1	0	-	Back	0mm	Ant 0	DSI 12	40620	2593	15	16.2	1.318	62.9	1.006	0.16	0.642	0.851
	LTE Band 41	20M	QPSK	1	0	-	Back	0mm	Ant 0	DSI 12	39750	2506	14.91	16.2	1.346	62.9	1.006	-0.13	0.671	0.909
	LTE Band 41	20M	QPSK	1	0	-	Back	0mm	Ant 0	DSI 12	40185	2549.5	14.95	16.2	1.334	62.9	1.006	-0.12	0.628	0.843
	LTE Band 41	20M	QPSK	1	0	-	Back	0mm	Ant 0	DSI 12	41055	2636.5	14.93	16.2	1.340	62.9	1.006	0.05	0.760	1.025
	LTE Band 41	20M	QPSK	1	0	-	Back	0mm	Ant 0	DSI 12	41490	2680	14.92	16.2	1.343	62.9	1.006	-0.09	0.748	1.011
	LTE Band 41	20M	QPSK	50	0	-	Back	0mm	Ant 0	DSI 12	40620	2593	14.98	16.2	1.324	62.9	1.006	-0.15	0.468	0.623
	LTE Band 41	20M	QPSK	50	0	-	Back	0mm	Ant 0	DSI 12	39750	2506	14.83	16.2	1.371	62.9	1.006	-0.05	0.585	0.807
	LTE Band 41	20M	QPSK	50	0	-	Back	0mm	Ant 0	DSI 12	40185	2549.5	14.85	16.2	1.365	62.9	1.006	-0.19	0.518	0.711
	LTE Band 41	20M	QPSK	50	0	-	Back	0mm	Ant 0	DSI 12	41055	2636.5	14.86	16.2	1.361	62.9	1.006	-0.02	0.617	0.845
	LTE Band 41	20M	QPSK	50	0	-	Back	0mm	Ant 0	DSI 12	41490	2680	14.89	16.2	1.352	62.9	1.006	0.19	0.597	0.812
	LTE Band 41	20M	QPSK	100	0	-	Back	0mm	Ant 0	DSI 12	40620	2593	14.93	16.2	1.340	62.9	1.006	0.16	0.515	0.694
	LTE Band 41	20M	QPSK	1	0	-	Right Side	0mm	Ant 0	DSI 12	40620	2593	15	16.2	1.318	62.9	1.006	-0.09	0.254	0.337
	LTE Band 41	20M	QPSK	50	0	-	Right Side	0mm	Ant 0	DSI 12	40620	2593	14.98	16.2	1.324	62.9	1.006	0.19	0.208	0.277
	LTE Band 41	20M	QPSK	1	0	-	Bottom Side	0mm	Ant 0	DSI 12	40620	2593	15	16.2	1.318	62.9	1.006	0.02	0.969	1.285
	LTE Band 41	20M	QPSK	1	0	-	Bottom Side	0mm	Ant 0	DSI 12	39750	2506	14.91	16.2	1.346	62.9	1.006	-0.11	0.645	0.873
	LTE Band 41	20M	QPSK	1	0	-	Bottom Side	0mm	Ant 0	DSI 12	40185	2549.5	14.95	16.2	1.334	62.9	1.006	0.09	0.608	0.816
	LTE Band 41	20M	QPSK	1	0	-	Bottom Side	0mm	Ant 0	DSI 12	41055	2636.5	14.93	16.2	1.340	62.9	1.006	0.07	0.810	1.092
	LTE Band 41	20M	QPSK	1	0	-	Bottom Side	0mm	Ant 0	DSI 12	41490	2680	14.92	16.2	1.343	62.9	1.006	-0.16	0.902	1.219
	LTE Band 41	20M	QPSK	50	0	-	Bottom Side	0mm	Ant 0	DSI 12	40620	2593	14.98	16.2	1.324	62.9	1.006	0.17	0.649	0.864
	LTE Band 41	20M	QPSK	50	0	-	Bottom Side	0mm	Ant 0	DSI 12	39750	2506	14.83	16.2	1.371	62.9	1.006	0.08	0.515	0.71
	LTE Band 41	20M	QPSK	50	0	-	Bottom Side	0mm	Ant 0	DSI 12	40185	2549.5	14.85	16.2	1.365	62.9	1.006	-0.04	0.501	0.688
	LTE Band 41	20M	QPSK	50	0	-	Bottom Side	0mm	Ant 0	DSI 12	41055	2636.5	14.86	16.2	1.361	62.9	1.006	0.05	0.776	1.062
	LTE Band 41	20M	QPSK	50	0	-	Bottom Side	0mm	Ant 0	DSI 12	41490	2680	14.89	16.2	1.352	62.9	1.006	0.06	0.789	0.873
	LTE Band 41	20M	QPSK	100	0	-	Bottom Side	0mm	Ant 0	DSI 12	40620	2593	14.93	16.2	1.340	62.9	1.006	0	0.640	0.863
	LTE Band 41_HPUE	20M	QPSK	1	0	-	Bottom Side	0mm	Ant 0	DSI 12	40620	2593	16.8	17.8	1.259	42.9	1.009	0.02	0.965	1.226
	LTE Band 41	20M	QPSK	1	0	-	Back	15mm	Ant 0	DSI 4	40620	2593	22.9	24	1.288	62.9	1.006	0.02	0.214	0.277
	LTE Band 41	20M	QPSK	50	0	-	Back	15mm	Ant 0	DSI 4	40620	2593	21.97	23	1.268	62.9	1.006	0.03	0.205	0.261
	LTE Band 41	20M	QPSK	1	0	-	Right Side	19mm	Ant 0	DSI 4	40620	2593	22.9	24	1.288	62.9	1.006	0.01	0.135	0.175
	LTE Band 41	20M	QPSK	50	0	-	Right Side	19mm	Ant 0	DSI 4	40620	2593	21.97	23	1.268	62.9	1.006	0.02	0.125	0.159
	LTE Band 41	20M	QPSK	1	0	-	Bottom Side	14mm	Ant 0	DSI 4	40620	2593	22.9	24	1.288	62.9	1.006	0.03	0.378	0.49
	LTE Band 41	20M	QPSK	50	0	-	Bottom Side	14mm	Ant 0	DSI 4	40620	2593	21.97	23	1.268	62.9	1.006	0.05	0.365	0.466
	LTE Band 41_HPUE	20M	QPSK	1	0	-	Bottom Side	14mm	Ant 0	DSI 4	40620	2593	25.85	27	1.303	42.9	1.009	0.01	0.352	0.463
	LTE Band 41_HPUE	20M	QPSK	1	0	-	Bottom Side	0mm	Ant 0	DSI 12	40620	2593	16.8	17.8	1.259	42.9	1.009	-0.11	0.957	1.216
	LTE Band 42	20M	QPSK	1	0	-	Back	0mm	Ant 2	DSI 12	42590	3500	14.59	15.8	1.321	62.9	1.006	0.02	0.951	1.264
125	LTE Band 42	20M	QPSK	1	0	-	Back	0mm	Ant 2	DSI 12	42190	3460	14.55	15.8	1.334	62.9	1.006	0.01	0.968	1.299
	LTE Band 42	20M	QPSK	1	0	-	Back	0mm	Ant 2	DSI 12	42990	3540	14.51	15.8	1.346	62.9	1.006	-0.03	0.921	1.247
	LTE Band 42	20M	QPSK	50	0	-	Back	0mm	Ant 2	DSI 12	42590	3500	14.58	15.8	1.324	62.9	1.006	-0.01	0.753	1.003
	LTE Band 42	20M	QPSK	50	0	-	Back	0mm	Ant 2	DSI 12	42190	3460	14.42	15.8	1.374	62.9	1.006	0	0.669	0.925
	LTE Band 42	20M	QPSK	50	0	-	Back	0mm	Ant 2	DSI 12	42990	3540	14.48	15.8	1.355	62.9	1.006	-0.14	0.778	1.061
	LTE Band 42	20M	QPSK	100	0	-	Back	0mm	Ant 2	DSI 12	42590	3500	14.45	15.8	1.365	62.9	1.006	0.18	0.648	0.89
	LTE Band 42	20M	QPSK	1	0	-	Right Side	0mm	Ant 2	DSI 12	42590	3500	14.59	15.8	1.321	62.9	1.006	0	0.029	0.039
	LTE Band 42	20M	QPSK	50	0	-	Right Side	0mm												



FCC SAR Test Report

Report No. : FA5N1310

	LTE Band 42	20M	QPSK	50	0	-	Bottom Side	0mm	Ant 2	DSI 12	42990	3540	14.48	15.8	1.355	62.9	1.006	0.01	0.605	0.825
	LTE Band 42	20M	QPSK	100	0	-	Bottom Side	0mm	Ant 2	DSI 12	42590	3500	14.45	15.8	1.365	62.9	1.006	-0.05	0.630	0.865
	LTE Band 42	20M	QPSK	1	0	-	Back	15mm	Ant 2	DSI 4	42590	3500	20.85	22	1.303	62.9	1.006	0.02	0.282	0.37
	LTE Band 42	20M	QPSK	50	0	-	Back	15mm	Ant 2	DSI 4	42590	3500	19.92	21	1.282	62.9	1.006	0.03	0.272	0.351
	LTE Band 42	20M	QPSK	1	0	-	Right Side	19mm	Ant 2	DSI 4	42590	3500	20.85	22	1.303	62.9	1.006	0.01	0.089	0.117
	LTE Band 42	20M	QPSK	50	0	-	Right Side	19mm	Ant 2	DSI 4	42590	3500	19.92	21	1.282	62.9	1.006	0.02	0.081	0.104
	LTE Band 42	20M	QPSK	1	0	-	Bottom Side	14mm	Ant 2	DSI 4	42590	3500	20.85	22	1.303	62.9	1.006	0.03	0.420	0.551
	LTE Band 42	20M	QPSK	50	0	-	Bottom Side	14mm	Ant 2	DSI 4	42590	3500	19.92	21	1.282	62.9	1.006	0.05	0.401	0.517
	LTE Band 42	20M	QPSK	1	0	-	Back Right	0mm	Ant 4	DSI 12	42590	3500	15.59	16.9	1.352	62.9	1.006	-0.14	0.845	1.149
	LTE Band 42	20M	QPSK	1	0	-	Back Right	0mm	Ant 4	DSI 12	42190	3460	15.55	16.9	1.365	62.9	1.006	-0.09	0.933	1.281
	LTE Band 42	20M	QPSK	1	0	-	Back Right	0mm	Ant 4	DSI 12	42990	3540	15.54	16.9	1.368	62.9	1.006	-0.01	0.912	1.255
	LTE Band 42	20M	QPSK	50	0	-	Back Right	0mm	Ant 4	DSI 12	42590	3500	15.58	16.9	1.355	62.9	1.006	0.11	0.710	0.968
	LTE Band 42	20M	QPSK	50	0	-	Back Right	0mm	Ant 4	DSI 12	42190	3460	15.42	16.9	1.406	62.9	1.006	0.1	0.760	1.075
	LTE Band 42	20M	QPSK	50	0	-	Back Right	0mm	Ant 4	DSI 12	42990	3540	15.41	16.9	1.409	62.9	1.006	0.14	0.674	0.955
	LTE Band 42	20M	QPSK	100	0	-	Back Right	0mm	Ant 4	DSI 12	42590	3500	15.49	16.9	1.384	62.9	1.006	0.17	0.839	1.168
	LTE Band 42	20M	QPSK	1	0	-	Right Side	0mm	Ant 4	DSI 12	42590	3500	15.59	16.9	1.352	62.9	1.006	-0.03	0.523	0.711
	LTE Band 42	20M	QPSK	1	0	-	Right Side	0mm	Ant 4	DSI 12	42190	3460	15.55	16.9	1.365	62.9	1.006	0.16	0.395	0.542
	LTE Band 42	20M	QPSK	1	0	-	Right Side	0mm	Ant 4	DSI 12	42990	3540	15.54	16.9	1.368	62.9	1.006	-0.06	0.355	0.489
	LTE Band 42	20M	QPSK	50	0	-	Right Side	0mm	Ant 4	DSI 12	42590	3500	15.58	16.9	1.355	62.9	1.006	0.15	0.416	0.567
	LTE Band 42	20M	QPSK	100	0	-	Right Side	0mm	Ant 4	DSI 12	42590	3500	15.49	16.9	1.384	62.9	1.006	-0.08	0.381	0.53
	LTE Band 42	20M	QPSK	1	0	-	Top Side	0mm	Ant 4	DSI 12	42590	3500	15.59	16.9	1.352	62.9	1.006	-0.16	0.044	0.06
	LTE Band 42	20M	QPSK	50	0	-	Top Side	0mm	Ant 4	DSI 12	42590	3500	15.58	16.9	1.355	62.9	1.006	-0.07	0.037	0.05
	LTE Band 42	20M	QPSK	1	0	-	Back Right	9mm	Ant 4	DSI 4	42590	3500	23.12	24	1.225	62.9	1.006	0.02	0.903	1.113
	LTE Band 42	20M	QPSK	1	0	-	Back Right	9mm	Ant 4	DSI 4	42190	3460	23.06	24	1.242	62.9	1.006	0.03	0.821	1.026
	LTE Band 42	20M	QPSK	1	0	-	Back Right	9mm	Ant 4	DSI 4	42990	3540	23.02	24	1.253	62.9	1.006	0.05	0.659	0.831
	LTE Band 42	20M	QPSK	50	0	-	Back Right	9mm	Ant 4	DSI 4	42590	3500	22.15	23	1.216	62.9	1.006	0.1	0.753	0.921
	LTE Band 42	20M	QPSK	50	0	-	Back Right	9mm	Ant 4	DSI 4	42190	3460	22.11	23	1.227	62.9	1.006	0.01	0.721	0.89
	LTE Band 42	20M	QPSK	50	0	-	Back Right	9mm	Ant 4	DSI 4	42990	3540	22.13	23	1.222	62.9	1.006	0.03	0.753	0.926
	LTE Band 42	20M	QPSK	100	0	-	Back Right	9mm	Ant 4	DSI 4	42590	3500	22.13	23	1.222	62.9	1.006	0.02	0.775	0.953
	LTE Band 42	20M	QPSK	1	0	-	Right Side	15mm	Ant 4	DSI 4	42590	3500	23.12	24	1.225	62.9	1.006	0.03	0.263	0.324
	LTE Band 42	20M	QPSK	50	0	-	Right Side	15mm	Ant 4	DSI 4	42590	3500	22.15	23	1.216	62.9	1.006	0.01	0.235	0.287
	LTE Band 42	20M	QPSK	1	0	-	Top Side	9mm	Ant 4	DSI 4	42590	3500	23.12	24	1.225	62.9	1.006	0.05	0.119	0.147
	LTE Band 42	20M	QPSK	50	0	-	Top Side	9mm	Ant 4	DSI 4	42590	3500	22.15	23	1.216	62.9	1.006	0.06	0.108	0.132
	LTE Band 42	20M	QPSK	1	0	-	Back Top	0mm	Ant 6	DSI 12	42590	3500	15.47	16.6	1.297	62.9	1.006	0.11	0.886	1.156
	LTE Band 42	20M	QPSK	1	0	-	Back Top	0mm	Ant 6	DSI 12	42190	3460	15.45	16.6	1.303	62.9	1.006	0.02	0.988	1.295
	LTE Band 42	20M	QPSK	1	0	-	Back Top	0mm	Ant 6	DSI 12	42990	3540	15.45	16.6	1.303	62.9	1.006	0.04	0.730	0.957
	LTE Band 42	20M	QPSK	50	0	-	Back Top	0mm	Ant 6	DSI 12	42590	3500	15.46	16.6	1.300	62.9	1.006	-0.06	0.723	0.946
	LTE Band 42	20M	QPSK	50	0	-	Back Top	0mm	Ant 6	DSI 12	42190	3460	15.38	16.6	1.324	62.9	1.006	-0.03	0.784	1.044
	LTE Band 42	20M	QPSK	50	0	-	Back Top	0mm	Ant 6	DSI 12	42990	3540	15.35	16.6	1.334	62.9	1.006	0.19	0.548	0.735
	LTE Band 42	20M	QPSK	100	0	-	Back Top	0mm	Ant 6	DSI 12	42590	3500	15.38	16.6	1.324	62.9	1.006	-0.07	0.718	0.956
	LTE Band 42	20M	QPSK	1	0	-	Back Right	0mm	Ant 6	DSI 12	42590	3500	15.47	16.6	1.297	62.9	1.006	0.01	0.405	0.528
	LTE Band 42	20M	QPSK	50	0	-	Back Right	0mm	Ant 6	DSI 12	42590	3500	15.46	16.6	1.300	62.9	1.006	0.02	0.401	0.524
	LTE Band 42	20M	QPSK	1	0	-	Right Side	0mm	Ant 6	DSI 4	42590	3500	22.03	23	1.250	62.9	1.006	0.03	0.469	0.59
	LTE Band 42	20M	QPSK	50	0	-	Right Side	0mm	Ant 6	DSI 4	42590	3500	21.24	22	1.191	62.9	1.006	0.02	0.383	0.459
	LTE Band 42	20M	QPSK	1	0	-	Top Side	0mm	Ant 6	DSI 12	42590	3500	15.47	16.6	1.297	62.9	1.006	0.02	0.717	0.936
	LTE Band 42	20M	QPSK	1	0	-	Top Side	0mm	Ant 6	DSI 12	42190	3460	15.45	16.6	1.303	62.9	1.006	0.07	0.678	0.889
	LTE Band 42	20M	QPSK	1	0	-	Top Side	0mm	Ant 6	DSI 12	42990	3540	15.45	16.6	1.303	62.9	1.006	0.04	0.673	0.882
	LTE Band 42	20M	QPSK	50	0	-	Top Side	0mm	Ant 6	DSI 12	42590	3500	15.46	16.6	1.300	62.9	1.006	-0.13	0.592	0.774
	LTE Band 42	20M	QPSK	50	0	-	Top Side	0mm	Ant 6	DSI 12	42190	3460	15.38	16.6	1.324	62.9	1.006	0.02	0.521	0.694
	LTE Band 42	20M	QPSK	50	0	-	Top Side	0mm	Ant 6	DSI 12	42990	3540	15.35	16.6	1.334	62.9	1.006	0.01	0.513	0.688
	LTE Band 42	20M	QPSK	100	0	-	Top Side	0mm	Ant 6	DSI 12	42590	3500	15.38	16.6	1.324	62.9	1.006	0.05	0.570	0.759
	LTE Band 42	20M	QPSK	1	0	-	Back Top	11mm	Ant 6	DSI 4	42590	3500	22.03	23	1.250	62.9	1.006	-0.12	0.705	0.887
	LTE Band 42	20M	QPSK	1	0	-	Back Top	11mm	Ant 6	DSI 4	42190	3460	22.01	23	1.256	62.9	1.006	-0.05	0.656	0.829
	LTE Band 42	20M	QPSK	1	0	-	Back Top	11mm	Ant 6	DSI 4	42990	3540	21.97	23	1.268	62.9	1.006	-0.03	0.645	0.823
	LTE Band 42	20M	QPSK	50	0	-	Back Top	11mm	Ant 6	DSI 4	42590	3500	21.24	22	1.191	62.9	1.006	0.07	0.701	0.84
	LTE Band 42	20M	QPSK	50	0	-	Back Top	11mm	Ant 6	DSI 4	42190	3460	21.16	22	1.213	62.9	1.006	0.01	0.645	0.787
	LTE Band 42	20M	QPSK	50	0	-	Back Top	11mm	Ant 6	DSI 4	42990	3540	21.11	22	1.227	62.9	1.006	0.03	0.609	0.752
	LTE Band 42	20M	QPSK	100	0	-	Back Top	11mm	Ant 6	DSI 4	42590	3500	21.2	22	1.202	62.9	1.006	-0.07	0.601	0.727
	LTE Band 42	20M	QPSK	1	0	-	Top Side	15mm	Ant 6	DSI 4	42590	3500	22.03	23	1.250	62.9	1.006	0.02	0.369	0.464
	LTE Band 42	20M	QPSK	50	0	-	Top Side	15mm	Ant 6	DSI 4	42590	3500	21.24	22	1.191	62.9	1.006	-0.1	0.351	0.421
	LTE Band 42	20M	QPSK	1	0	-	Back Top	0mm	Ant 8	DSI 12	42590	3500	13.01	14.3	1.346	62.9	1.006	0.03	0.858	1.162
	LTE Band 42	20M	QPSK	1	0	-	Back Top	0mm	Ant 8	DSI 12	42190	3460	12.98	14.3	1.355	62.9	1.006	-0.04	0.844	1.15
	LTE Band 42	20M	QPSK	1	0	-	Back Top	0mm	Ant 8	DSI 12	42990	3540	12.91	14.3	1.377	62.9	1.006	0.17	0.824	1.141
	LTE Band 42	20M	QPSK	50	0	-	Back Top	0mm	Ant 8	DSI 12	42590	3500	12.99	14.3	1.352	62.9	1.006	0.1	0.707	0.962
	LTE Band 42	20M	QPSK	50	0	-	Back Top	0mm	Ant 8	DSI 12	42190	3460	12.83	14.3	1.403	62.9	1.006	0	0.673	0.95
	LTE Band 42	20M	QPSK	50	0	-	Back Top	0mm	Ant 8	DSI 12	42990	3540	12.89	14.3	1.384	62.9	1.006	-0.08	0.666	0.927
	LTE Band 42	20M	QPSK	100	0	-	Back Top	0mm	Ant 8	DSI 12	42590	3500	12.95	14.3	1.365	62.9	1.006	-0.02	0.659	0.905
	LTE Band 42	20M	QPSK	1	0	-	Top Side	0mm	Ant 8	DSI 12	42590	3500	13.01	14.3	1.346	62.9	1.006	-0.08	0.885	1.198
	LTE Band 42	20M	QPSK	1	0	-	Top Side	0mm	Ant 8	DSI 12	42190	3460	12.98							



FCC SAR Test Report

Report No. : FA5N1310

	LTE Band 42	20M	QPSK	1	0	-	Back Top	11mm	Ant 8	DSI 4	42590	3500	23.25	24	1.189	62.9	1.006	-0.12	0.861	1.03
	LTE Band 42	20M	QPSK	1	0	-	Back Top	11mm	Ant 8	DSI 4	42190	3460	23.11	24	1.227	62.9	1.006	-0.04	0.801	0.989
	LTE Band 42	20M	QPSK	1	0	-	Back Top	11mm	Ant 8	DSI 4	42990	3540	23.17	24	1.211	62.9	1.006	-0.03	0.756	0.921
	LTE Band 42	20M	QPSK	50	0	-	Back Top	11mm	Ant 8	DSI 4	42590	3500	22.19	23	1.205	62.9	1.006	0.05	0.835	1.012
	LTE Band 42	20M	QPSK	50	0	-	Back Top	11mm	Ant 8	DSI 4	42190	3460	22.15	23	1.216	62.9	1.006	0	0.735	0.899
	LTE Band 42	20M	QPSK	50	0	-	Back Top	11mm	Ant 8	DSI 4	42990	3540	22.11	23	1.227	62.9	1.006	0.04	0.721	0.89
	LTE Band 42	20M	QPSK	100	0	-	Back Top	11mm	Ant 8	DSI 4	42590	3500	22.14	23	1.219	62.9	1.006	-0.07	0.659	0.808
	LTE Band 42	20M	QPSK	1	0	-	Top Side	15mm	Ant 8	DSI 4	42590	3500	23.25	24	1.189	62.9	1.006	0.02	0.456	0.545
	LTE Band 42	20M	QPSK	50	0	-	Top Side	15mm	Ant 8	DSI 4	42590	3500	22.19	23	1.205	62.9	1.006	-0.09	0.451	0.547
	LTE Band 42	20M	QPSK	1	0	-	Back	0mm	Ant 2	DSI 12	43340	3575	14.45	15.8	1.365	62.9	1.006	0.02	0.936	1.285
	LTE Band 42	20M	QPSK	1	0	-	Back	0mm	Ant 2	DSI 12	43190	3560	14.41	15.8	1.377	62.9	1.006	0.01	0.905	1.254
	LTE Band 42	20M	QPSK	1	0	-	Back	0mm	Ant 2	DSI 12	43490	3590	14.29	15.8	1.416	62.9	1.006	0.02	0.901	1.283
	LTE Band 42	20M	QPSK	50	0	-	Back	0mm	Ant 2	DSI 12	43340	3575	14.43	15.8	1.371	62.9	1.006	-0.15	0.785	1.083
	LTE Band 42	20M	QPSK	50	0	-	Back	0mm	Ant 2	DSI 12	43190	3560	14.28	15.8	1.419	62.9	1.006	0.03	0.753	1.075
	LTE Band 42	20M	QPSK	50	0	-	Back	0mm	Ant 2	DSI 12	43490	3590	14.26	15.8	1.426	62.9	1.006	0.01	0.721	1.034
	LTE Band 42	20M	QPSK	100	0	-	Back	0mm	Ant 2	DSI 12	43340	3575	14.22	15.8	1.439	62.9	1.006	0.01	0.768	1.112
	LTE Band 42	20M	QPSK	1	0	-	Right Side	0mm	Ant 2	DSI 12	43340	3575	14.45	15.8	1.365	62.9	1.006	-0.18	0.028	0.038
	LTE Band 42	20M	QPSK	50	0	-	Right Side	0mm	Ant 2	DSI 12	43340	3575	14.43	15.8	1.371	62.9	1.006	0.17	0.022	0.03
	LTE Band 42	20M	QPSK	1	0	-	Bottom Side	0mm	Ant 2	DSI 12	43340	3575	14.45	15.8	1.365	62.9	1.006	-0.03	0.676	0.928
	LTE Band 42	20M	QPSK	1	0	-	Bottom Side	0mm	Ant 2	DSI 12	43190	3560	14.41	15.8	1.377	62.9	1.006	0.02	0.651	0.902
	LTE Band 42	20M	QPSK	1	0	-	Bottom Side	0mm	Ant 2	DSI 12	43490	3590	14.29	15.8	1.416	62.9	1.006	0.03	0.609	0.868
	LTE Band 42	20M	QPSK	50	0	-	Bottom Side	0mm	Ant 2	DSI 12	43340	3575	14.43	15.8	1.371	62.9	1.006	0.03	0.550	0.759
	LTE Band 42	20M	QPSK	50	0	-	Bottom Side	0mm	Ant 2	DSI 12	43190	3560	14.28	15.8	1.419	62.9	1.006	0.01	0.521	0.744
	LTE Band 42	20M	QPSK	50	0	-	Bottom Side	0mm	Ant 2	DSI 12	43490	3590	14.26	15.8	1.426	62.9	1.006	0.03	0.515	0.739
	LTE Band 42	20M	QPSK	100	0	-	Bottom Side	0mm	Ant 2	DSI 12	43340	3575	14.22	15.8	1.439	62.9	1.006	-0.04	0.543	0.786
	LTE Band 42	20M	QPSK	1	0	-	Back	15mm	Ant 2	DSI 4	43340	3575	20.59	22	1.384	62.9	1.006	-0.13	0.281	0.391
	LTE Band 42	20M	QPSK	50	0	-	Back	15mm	Ant 2	DSI 4	43340	3575	19.61	21	1.377	62.9	1.006	-0.06	0.251	0.348
	LTE Band 42	20M	QPSK	1	0	-	Right Side	19mm	Ant 2	DSI 4	43340	3575	20.59	22	1.384	62.9	1.006	-0.03	0.058	0.081
	LTE Band 42	20M	QPSK	50	0	-	Right Side	19mm	Ant 2	DSI 4	43340	3575	19.61	21	1.377	62.9	1.006	0.07	0.045	0.062
	LTE Band 42	20M	QPSK	1	0	-	Bottom Side	14mm	Ant 2	DSI 4	43340	3575	20.59	22	1.384	62.9	1.006	0.01	0.425	0.592
	LTE Band 42	20M	QPSK	50	0	-	Bottom Side	14mm	Ant 2	DSI 4	43340	3575	19.61	21	1.377	62.9	1.006	0.03	0.425	0.589
	LTE Band 42	20M	QPSK	1	0	-	Back Right	0mm	Ant 4	DSI 12	43340	3575	15.48	16.9	1.387	62.9	1.006	0.01	0.860	1.2
	LTE Band 42	20M	QPSK	1	0	-	Back Right	0mm	Ant 4	DSI 12	43190	3560	15.37	16.9	1.422	62.9	1.006	0.02	0.810	1.159
	LTE Band 42	20M	QPSK	1	0	-	Back Right	0mm	Ant 4	DSI 12	43490	3590	15.38	16.9	1.419	62.9	1.006	0.03	0.756	1.079
	LTE Band 42	20M	QPSK	50	0	-	Back Right	0mm	Ant 4	DSI 12	43340	3575	15.46	16.9	1.393	62.9	1.006	-0.02	0.722	1.012
	LTE Band 42	20M	QPSK	50	0	-	Back Right	0mm	Ant 4	DSI 12	43190	3560	15.31	16.9	1.442	62.9	1.006	0.01	0.656	0.952
	LTE Band 42	20M	QPSK	50	0	-	Back Right	0mm	Ant 4	DSI 12	43490	3590	15.35	16.9	1.429	62.9	1.006	0.02	0.615	0.884
	LTE Band 42	20M	QPSK	100	0	-	Back Right	0mm	Ant 4	DSI 12	43340	3575	15.38	16.9	1.419	62.9	1.006	0.19	0.677	0.966
	LTE Band 42	20M	QPSK	1	0	-	Right Side	0mm	Ant 4	DSI 12	43340	3575	15.48	16.9	1.387	62.9	1.006	0.12	0.341	0.476
	LTE Band 42	20M	QPSK	50	0	-	Right Side	0mm	Ant 4	DSI 12	43340	3575	15.46	16.9	1.393	62.9	1.006	-0.04	0.295	0.413
	LTE Band 42	20M	QPSK	1	0	-	Top Side	0mm	Ant 4	DSI 12	43340	3575	15.48	16.9	1.387	62.9	1.006	0.13	0.036	0.05
	LTE Band 42	20M	QPSK	50	0	-	Top Side	0mm	Ant 4	DSI 12	43340	3575	15.46	16.9	1.393	62.9	1.006	0.09	0.031	0.043
	LTE Band 42	20M	QPSK	1	0	-	Back Right	9mm	Ant 4	DSI 4	43340	3575	23.05	24	1.245	62.9	1.006	-0.12	0.912	1.142
	LTE Band 42	20M	QPSK	50	0	-	Back Right	9mm	Ant 4	DSI 4	43340	3575	22.06	23	1.242	62.9	1.006	-0.05	0.821	1.026
	LTE Band 42	20M	QPSK	100	0	-	Back Right	9mm	Ant 4	DSI 4	43340	3575	22.02	23	1.253	62.9	1.006	-0.03	0.825	1.04
	LTE Band 42	20M	QPSK	1	0	-	Right Side	15mm	Ant 4	DSI 4	43340	3575	23.05	24	1.245	62.9	1.006	0.06	0.253	0.317
	LTE Band 42	20M	QPSK	50	0	-	Right Side	15mm	Ant 4	DSI 4	43340	3575	22.06	23	1.242	62.9	1.006	0.01	0.245	0.306
	LTE Band 42	20M	QPSK	1	0	-	Top Side	9mm	Ant 4	DSI 4	43340	3575	23.05	24	1.245	62.9	1.006	0.03	0.089	0.111
	LTE Band 42	20M	QPSK	50	0	-	Top Side	9mm	Ant 4	DSI 4	43340	3575	22.06	23	1.242	62.9	1.006	-0.07	0.075	0.094
	LTE Band 42	20M	QPSK	1	0	-	Back Top	0mm	Ant 6	DSI 12	43340	3575	15.31	16.6	1.346	62.9	1.006	0.02	0.955	1.293
	LTE Band 42	20M	QPSK	1	0	-	Back Top	0mm	Ant 6	DSI 12	43190	3560	15.27	16.6	1.358	62.9	1.006	0.02	0.905	1.236
	LTE Band 42	20M	QPSK	1	0	-	Back Top	0mm	Ant 6	DSI 12	43490	3590	15.23	16.6	1.371	62.9	1.006	0.03	0.853	1.176
	LTE Band 42	20M	QPSK	50	0	-	Back Top	0mm	Ant 6	DSI 12	43340	3575	15.3	16.6	1.349	62.9	1.006	0.05	0.764	1.037
	LTE Band 42	20M	QPSK	50	0	-	Back Top	0mm	Ant 6	DSI 12	43190	3560	15.27	16.6	1.358	62.9	1.006	0.01	0.705	0.963
	LTE Band 42	20M	QPSK	50	0	-	Back Top	0mm	Ant 6	DSI 12	43490	3590	15.24	16.6	1.368	62.9	1.006	0.02	0.730	1.005
	LTE Band 42	20M	QPSK	100	0	-	Back Top	0mm	Ant 6	DSI 12	43340	3575	15.28	16.6	1.355	62.9	1.006	0.01	0.726	0.99
	LTE Band 42	20M	QPSK	1	0	-	Back Right	0mm	Ant 6	DSI 12	43340	3575	15.31	16.6	1.346	62.9	1.006	0.02	0.385	0.521
	LTE Band 42	20M	QPSK	50	0	-	Back Right	0mm	Ant 6	DSI 12	43340	3575	15.3	16.6	1.349	62.9	1.006	0.03	0.351	0.476
	LTE Band 42	20M	QPSK	1	0	-	Right Side	0mm	Ant 6	DSI 4	43340	3575	21.99	23	1.262	62.9	1.006	0.03	0.470	0.597
	LTE Band 42	20M	QPSK	50	0	-	Right Side	0mm	Ant 6	DSI 4	43340	3575	21.16	22	1.213	62.9	1.006	0.02	0.391	0.477
	LTE Band 42	20M	QPSK	1	0	-	Top Side	0mm	Ant 6	DSI 12	43340	3575	15.31	16.6	1.346	62.9	1.006	0.07	0.769	1.041
	LTE Band 42	20M	QPSK	1	0	-	Top Side	0mm	Ant 6	DSI 12	43190	3560	15.27	16.6	1.358	62.9	1.006	0.03	0.705	0.963
	LTE Band 42	20M	QPSK	1	0	-	Top Side	0mm	Ant 6	DSI 12	43490	3590	15.23	16.6	1.371	62.9	1.006	0.02	0.659	0.909
	LTE Band 42	20M	QPSK	50	0	-	Top Side	0mm	Ant 6	DSI 12	43340	3575	15.3	16.6	1.349	62.9	1.006	0.07	0.622	0.844
	LTE Band 42	20M	QPSK	50	0	-	Top Side	0mm	Ant 6	DSI 12	43190	3560	15.27	16.6	1.358	62.9	1.006	0.02	0.602	0.822
	LTE Band 42	20M	QPSK	50	0	-	Top Side	0mm	Ant 6	DSI 12	43490	3590	15.24	16.6	1.368	62.9	1.006	0.01	0.601	0.827
	LTE Band 42	20M	QPSK	100	0	-	Top Side	0mm	Ant 6	DSI 12	43340	3575	15.28	16.6	1.355	62.9	1.006	0.03	0.598	0.815
	LTE Band 42	20M	QPSK	1	0	-	Back Top	11mm	Ant 6	DSI 4	43340	3575	21.99	23	1.262	62.9	1.006	0.02	0.705	0.895
	LTE Band 42	20M	QPSK	50	0	-	Back Top	11mm	Ant 6	DSI 4	43340	3575	21.1							



FCC SAR Test Report

Report No. : FA5N1310

	LTE Band 42	20M	QPSK	1	0	-	Back Top	0mm	Ant 8	DSI 12	43490	3590	12.86	14.3	1.393	62.9	1.006	0.02	0.805	1.128
	LTE Band 42	20M	QPSK	50	0	-	Back Top	0mm	Ant 8	DSI 12	43340	3575	12.87	14.3	1.390	62.9	1.006	-0.1	0.723	1.011
	LTE Band 42	20M	QPSK	50	0	-	Back Top	0mm	Ant 8	DSI 12	43190	3560	12.83	14.3	1.403	62.9	1.006	0.03	0.705	0.995
	LTE Band 42	20M	QPSK	50	0	-	Back Top	0mm	Ant 8	DSI 12	43490	3590	12.81	14.3	1.409	62.9	1.006	0.05	0.701	0.994
	LTE Band 42	20M	QPSK	100	0	-	Back Top	0mm	Ant 8	DSI 12	43340	3575	12.85	14.3	1.396	62.9	1.006	0.01	0.710	0.997
	LTE Band 42	20M	QPSK	1	0	-	Top Side	0mm	Ant 8	DSI 12	43340	3575	12.88	14.3	1.387	62.9	1.006	0.03	0.906	1.264
	LTE Band 42	20M	QPSK	1	0	-	Top Side	0mm	Ant 8	DSI 12	43190	3560	12.84	14.3	1.400	62.9	1.006	0.02	0.856	1.206
	LTE Band 42	20M	QPSK	1	0	-	Top Side	0mm	Ant 8	DSI 12	43490	3590	12.86	14.3	1.393	62.9	1.006	0.01	0.851	1.193
	LTE Band 42	20M	QPSK	50	0	-	Top Side	0mm	Ant 8	DSI 12	43340	3575	12.87	14.3	1.390	62.9	1.006	-0.09	0.764	1.068
	LTE Band 42	20M	QPSK	50	0	-	Top Side	0mm	Ant 8	DSI 12	43190	3560	12.83	14.3	1.403	62.9	1.006	0.02	0.735	1.037
	LTE Band 42	20M	QPSK	50	0	-	Top Side	0mm	Ant 8	DSI 12	43490	3590	12.81	14.3	1.409	62.9	1.006	0.01	0.721	1.022
	LTE Band 42	20M	QPSK	100	0	-	Top Side	0mm	Ant 8	DSI 12	43340	3575	12.85	14.3	1.396	62.9	1.006	0.02	0.716	1.006
	LTE Band 42	20M	QPSK	1	0	-	Back Top	11mm	Ant 8	DSI 4	43340	3575	23.15	24	1.216	62.9	1.006	0.02	0.865	1.058
	LTE Band 42	20M	QPSK	50	0	-	Back Top	11mm	Ant 8	DSI 4	43340	3575	22.19	23	1.205	62.9	1.006	0.03	0.853	1.034
	LTE Band 42	20M	QPSK	100	0	-	Back Top	11mm	Ant 8	DSI 4	43340	3575	22.14	23	1.219	62.9	1.006	0.01	0.805	0.987
	LTE Band 42	20M	QPSK	1	0	-	Top Side	15mm	Ant 8	DSI 4	43340	3575	23.15	24	1.216	62.9	1.006	0.02	0.451	0.552
	LTE Band 42	20M	QPSK	50	0	-	Top Side	15mm	Ant 8	DSI 4	43340	3575	22.19	23	1.205	62.9	1.006	0.03	0.435	0.527
	LTE Band 43	20M	QPSK	1	0	-	Back	0mm	Ant 2	DSI 12	44090	3650	13.05	14.5	1.396	62.9	1.006	0.02	0.876	1.23
	LTE Band 43	20M	QPSK	1	0	-	Back	0mm	Ant 2	DSI 12	43690	3610	13.04	14.5	1.400	62.9	1.006	0.01	0.905	1.275
	LTE Band 43	20M	QPSK	1	0	-	Back	0mm	Ant 2	DSI 12	44490	3690	13.02	14.5	1.406	62.9	1.006	-0.01	0.829	1.173
	LTE Band 43	20M	QPSK	50	0	-	Back	0mm	Ant 2	DSI 12	44090	3650	13.04	14.5	1.400	62.9	1.006	0.06	0.705	0.993
	LTE Band 43	20M	QPSK	50	0	-	Back	0mm	Ant 2	DSI 12	43690	3610	12.96	14.5	1.426	62.9	1.006	0.17	0.690	0.99
	LTE Band 43	20M	QPSK	50	0	-	Back	0mm	Ant 2	DSI 12	44490	3690	12.88	14.5	1.452	62.9	1.006	0.02	0.805	1.176
	LTE Band 43	20M	QPSK	100	0	-	Back	0mm	Ant 2	DSI 12	44090	3650	12.96	14.5	1.426	62.9	1.006	0.14	0.649	0.931
	LTE Band 43	20M	QPSK	1	0	-	Right Side	0mm	Ant 2	DSI 12	44090	3650	13.05	14.5	1.396	62.9	1.006	-0.02	0.026	0.037
	LTE Band 43	20M	QPSK	50	0	-	Right Side	0mm	Ant 2	DSI 12	44090	3650	13.04	14.5	1.400	62.9	1.006	0	0.020	0.028
	LTE Band 43	20M	QPSK	1	0	-	Bottom Side	0mm	Ant 2	DSI 12	44090	3650	13.05	14.5	1.396	62.9	1.006	0.02	0.649	0.911
	LTE Band 43	20M	QPSK	1	0	-	Bottom Side	0mm	Ant 2	DSI 12	43690	3610	13.04	14.5	1.400	62.9	1.006	0.12	0.632	0.89
	LTE Band 43	20M	QPSK	1	0	-	Bottom Side	0mm	Ant 2	DSI 12	44490	3690	13.02	14.5	1.406	62.9	1.006	0.01	0.628	0.888
	LTE Band 43	20M	QPSK	50	0	-	Bottom Side	0mm	Ant 2	DSI 12	44090	3650	13.04	14.5	1.400	62.9	1.006	0.05	0.424	0.597
	LTE Band 43	20M	QPSK	100	0	-	Bottom Side	0mm	Ant 2	DSI 12	44090	3650	12.96	14.5	1.426	62.9	1.006	-0.06	0.500	0.717
	LTE Band 43	20M	QPSK	1	0	-	Back	15mm	Ant 2	DSI 4	44090	3650	20.79	22	1.321	62.9	1.006	-0.13	0.342	0.454
	LTE Band 43	20M	QPSK	50	0	-	Back	15mm	Ant 2	DSI 4	44090	3650	19.73	21	1.340	62.9	1.006	-0.06	0.332	0.448
	LTE Band 43	20M	QPSK	1	0	-	Right Side	19mm	Ant 2	DSI 4	44090	3650	20.79	22	1.321	62.9	1.006	-0.04	0.060	0.08
	LTE Band 43	20M	QPSK	50	0	-	Right Side	19mm	Ant 2	DSI 4	44090	3650	19.73	21	1.340	62.9	1.006	0.07	0.056	0.075
	LTE Band 43	20M	QPSK	1	0	-	Bottom Side	14mm	Ant 2	DSI 4	44090	3650	20.79	22	1.321	62.9	1.006	0	0.446	0.593
	LTE Band 43	20M	QPSK	50	0	-	Bottom Side	14mm	Ant 2	DSI 4	44090	3650	19.73	21	1.340	62.9	1.006	0.03	0.359	0.484
	LTE Band 43	20M	QPSK	1	0	-	Back Right	0mm	Ant 4	DSI 12	44090	3650	15.89	17.3	1.384	62.9	1.006	0.02	0.784	1.092
126	LTE Band 43	20M	QPSK	1	0	-	Back Right	0mm	Ant 4	DSI 12	43690	3610	15.85	17.3	1.396	62.9	1.006	-0.09	0.921	1.293
	LTE Band 43	20M	QPSK	1	0	-	Back Right	0mm	Ant 4	DSI 12	44490	3690	15.81	17.3	1.409	62.9	1.006	-0.07	0.780	1.106
	LTE Band 43	20M	QPSK	50	0	-	Back Right	0mm	Ant 4	DSI 12	44090	3650	15.87	17.3	1.390	62.9	1.006	-0.03	0.648	0.906
	LTE Band 43	20M	QPSK	50	0	-	Back Right	0mm	Ant 4	DSI 12	43690	3610	15.76	17.3	1.426	62.9	1.006	0.08	0.656	0.941
	LTE Band 43	20M	QPSK	50	0	-	Back Right	0mm	Ant 4	DSI 12	44490	3690	15.7	17.3	1.445	62.9	1.006	0.09	0.630	0.916
	LTE Band 43	20M	QPSK	100	0	-	Back Right	0mm	Ant 4	DSI 12	44090	3650	15.79	17.3	1.416	62.9	1.006	0.03	0.665	0.947
	LTE Band 43	20M	QPSK	1	0	-	Right Side	0mm	Ant 4	DSI 12	44090	3650	15.89	17.3	1.384	62.9	1.006	-0.07	0.297	0.414
	LTE Band 43	20M	QPSK	50	0	-	Right Side	0mm	Ant 4	DSI 12	44090	3650	15.87	17.3	1.390	62.9	1.006	0.16	0.208	0.291
	LTE Band 43	20M	QPSK	1	0	-	Top Side	0mm	Ant 4	DSI 12	44090	3650	15.89	17.3	1.384	62.9	1.006	0.18	0.036	0.05
	LTE Band 43	20M	QPSK	50	0	-	Top Side	0mm	Ant 4	DSI 12	44090	3650	15.87	17.3	1.390	62.9	1.006	0.18	0.027	0.038
	LTE Band 43	20M	QPSK	1	0	-	Back Right	9mm	Ant 4	DSI 4	44090	3650	23.14	24	1.219	62.9	1.006	-0.13	0.626	0.768
	LTE Band 43	20M	QPSK	1	0	-	Back Right	9mm	Ant 4	DSI 4	43690	3610	23.11	24	1.227	62.9	1.006	-0.06	0.553	0.683
	LTE Band 43	20M	QPSK	1	0	-	Back Right	9mm	Ant 4	DSI 4	44490	3690	23.09	24	1.233	62.9	1.006	-0.03	0.521	0.646
	LTE Band 43	20M	QPSK	50	0	-	Back Right	9mm	Ant 4	DSI 4	44090	3650	22.19	23	1.205	62.9	1.006	0.06	0.605	0.733
	LTE Band 43	20M	QPSK	50	0	-	Back Right	9mm	Ant 4	DSI 4	43690	3610	22.16	23	1.213	62.9	1.006	0	0.526	0.642
	LTE Band 43	20M	QPSK	50	0	-	Back Right	9mm	Ant 4	DSI 4	44490	3690	22.15	23	1.216	62.9	1.006	0.04	0.531	0.65
	LTE Band 43	20M	QPSK	100	0	-	Back Right	9mm	Ant 4	DSI 4	44090	3650	22.11	23	1.227	62.9	1.006	-0.08	0.498	0.615
	LTE Band 43	20M	QPSK	1	0	-	Right Side	15mm	Ant 4	DSI 4	44090	3650	23.14	24	1.219	62.9	1.006	0.03	0.333	0.408
	LTE Band 43	20M	QPSK	50	0	-	Right Side	15mm	Ant 4	DSI 4	44090	3650	22.19	23	1.205	62.9	1.006	-0.1	0.251	0.304
	LTE Band 43	20M	QPSK	1	0	-	Top Side	9mm	Ant 4	DSI 4	44090	3650	23.14	24	1.219	62.9	1.006	0.12	0.081	0.099
	LTE Band 43	20M	QPSK	50	0	-	Top Side	9mm	Ant 4	DSI 4	44090	3650	22.19	23	1.205	62.9	1.006	-0.12	0.075	0.091
	LTE Band 43	20M	QPSK	1	0	-	Back Top	0mm	Ant 6	DSI 12	44090	3650	16.99	18.4	1.384	62.9	1.006	0.02	0.902	1.256
	LTE Band 43	20M	QPSK	1	0	-	Back Top	0mm	Ant 6	DSI 12	43690	3610	16.95	18.4	1.396	62.9	1.006	0.02	0.915	1.285
	LTE Band 43	20M	QPSK	1	0	-	Back Top	0mm	Ant 6	DSI 12	44490	3690	16.91	18.4	1.409	62.9	1.006	0.16	0.902	1.279
	LTE Band 43	20M	QPSK	50	0	-	Back Top	0mm	Ant 6	DSI 12	44090	3650	16.97	18.4	1.390	62.9	1.006	0.19	0.771	1.078
	LTE Band 43	20M	QPSK	50	0	-	Back Top	0mm	Ant 6	DSI 12	43690	3610	16.85	18.4	1.429	62.9	1.006	0.1	0.738	1.061
	LTE Band 43	20M	QPSK	50	0	-	Back Top	0mm	Ant 6	DSI 12	44490	3690	16.83	18.4	1.435	62.9	1.006	-0.07	0.728	1.051
	LTE Band 43	20M	QPSK	100	0	-	Back Top	0mm	Ant 6	DSI 12	44090	3650	16.92	18.4	1.406	62.9	1.006	-0.19	0.757	1.071
	LTE Band 43	20M	QPSK	1	0	-	Back Right	0mm	Ant 6	DSI 12	44090	3650	16.99	18.4	1.384	62.9	1.006	0.01	0.321	0.447
	LTE Band 43	20M	QPSK	50	0	-	Back Right	0mm	Ant 6	DSI 12	44090	3650	16.97	18.4	1.390	62.9	1.006	0.02	0.305	0.426
	LTE Band 43	20M	QPSK	1	0	-	Right Side	0mm	Ant 6	DSI 4	44090	3650	2							



FCC SAR Test Report

Report No. : FA5N1310

	LTE Band 43	20M	QPSK	50	0	-	Top Side	0mm	Ant 6	DSI 12	43690	3610	16.85	18.4	1.429	62.9	1.006	0.07	0.653	0.939
	LTE Band 43	20M	QPSK	50	0	-	Top Side	0mm	Ant 6	DSI 12	44490	3690	16.83	18.4	1.435	62.9	1.006	-0.01	0.645	0.931
	LTE Band 43	20M	QPSK	100	0	-	Top Side	0mm	Ant 6	DSI 12	44090	3650	16.92	18.4	1.406	62.9	1.006	-0.17	0.653	0.924
	LTE Band 43	20M	QPSK	1	0	-	Back Top	11mm	Ant 6	DSI 4	44090	3650	21.86	23	1.300	62.9	1.006	-0.13	0.736	0.963
	LTE Band 43	20M	QPSK	1	0	-	Back Top	11mm	Ant 6	DSI 4	43690	3610	21.83	23	1.309	62.9	1.006	-0.05	0.653	0.86
	LTE Band 43	20M	QPSK	1	0	-	Back Top	11mm	Ant 6	DSI 4	44490	3690	21.85	23	1.303	62.9	1.006	-0.03	0.625	0.819
	LTE Band 43	20M	QPSK	50	0	-	Back Top	11mm	Ant 6	DSI 4	44090	3650	20.87	22	1.297	62.9	1.006	0.07	0.701	0.915
	LTE Band 43	20M	QPSK	50	0	-	Back Top	11mm	Ant 6	DSI 4	43690	3610	20.83	22	1.309	62.9	1.006	-0.01	0.601	0.791
	LTE Band 43	20M	QPSK	50	0	-	Back Top	11mm	Ant 6	DSI 4	44490	3690	20.85	22	1.303	62.9	1.006	0.04	0.605	0.793
	LTE Band 43	20M	QPSK	100	0	-	Back Top	11mm	Ant 6	DSI 4	44090	3650	20.84	22	1.306	62.9	1.006	-0.07	0.623	0.819
	LTE Band 43	20M	QPSK	1	0	-	Top Side	15mm	Ant 6	DSI 4	44090	3650	21.86	23	1.300	62.9	1.006	0.02	0.675	0.883
	LTE Band 43	20M	QPSK	1	0	-	Top Side	15mm	Ant 6	DSI 4	43690	3610	21.83	23	1.309	62.9	1.006	-0.1	0.645	0.849
	LTE Band 43	20M	QPSK	1	0	-	Top Side	15mm	Ant 6	DSI 4	44490	3690	21.85	23	1.303	62.9	1.006	0.12	0.641	0.84
	LTE Band 43	20M	QPSK	50	0	-	Top Side	15mm	Ant 6	DSI 4	44090	3650	20.87	22	1.297	62.9	1.006	-0.13	0.625	0.815
	LTE Band 43	20M	QPSK	50	0	-	Top Side	15mm	Ant 6	DSI 4	43690	3610	20.83	22	1.309	62.9	1.006	-0.1	0.601	0.791
	LTE Band 43	20M	QPSK	50	0	-	Top Side	15mm	Ant 6	DSI 4	44490	3690	20.85	22	1.303	62.9	1.006	-0.11	0.598	0.784
	LTE Band 43	20M	QPSK	100	0	-	Top Side	15mm	Ant 6	DSI 4	44090	3650	20.84	22	1.306	62.9	1.006	-0.01	0.597	0.784
	LTE Band 43	20M	QPSK	1	0	-	Back Top	0mm	Ant 8	DSI 12	44090	3650	12.05	13.1	1.274	62.9	1.006	0.02	0.879	1.127
	LTE Band 43	20M	QPSK	1	0	-	Back Top	0mm	Ant 8	DSI 12	43690	3610	12.01	13.1	1.285	62.9	1.006	-0.02	0.833	1.077
	LTE Band 43	20M	QPSK	1	0	-	Back Top	0mm	Ant 8	DSI 12	44490	3690	12.03	13.1	1.279	62.9	1.006	-0.03	0.839	1.08
	LTE Band 43	20M	QPSK	50	0	-	Back Top	0mm	Ant 8	DSI 12	44090	3650	12.03	13.1	1.279	62.9	1.006	-0.14	0.726	0.934
	LTE Band 43	20M	QPSK	50	0	-	Back Top	0mm	Ant 8	DSI 12	43690	3610	11.99	13.1	1.291	62.9	1.006	-0.09	0.700	0.909
	LTE Band 43	20M	QPSK	50	0	-	Back Top	0mm	Ant 8	DSI 12	44490	3690	11.91	13.1	1.315	62.9	1.006	0.18	0.673	0.89
	LTE Band 43	20M	QPSK	100	0	-	Back Top	0mm	Ant 8	DSI 12	44090	3650	11.93	13.1	1.309	62.9	1.006	0.09	0.680	0.895
	LTE Band 43	20M	QPSK	1	0	-	Top Side	0mm	Ant 8	DSI 12	44090	3650	12.05	13.1	1.274	62.9	1.006	0.19	0.946	1.212
	LTE Band 43	20M	QPSK	1	0	-	Top Side	0mm	Ant 8	DSI 12	43690	3610	12.01	13.1	1.285	62.9	1.006	-0.12	0.986	1.275
	LTE Band 43	20M	QPSK	1	0	-	Top Side	0mm	Ant 8	DSI 12	44490	3690	12.03	13.1	1.279	62.9	1.006	0.02	0.899	1.157
	LTE Band 43	20M	QPSK	50	0	-	Top Side	0mm	Ant 8	DSI 12	44090	3650	12.03	13.1	1.279	62.9	1.006	-0.14	0.773	0.995
	LTE Band 43	20M	QPSK	50	0	-	Top Side	0mm	Ant 8	DSI 12	43690	3610	11.99	13.1	1.291	62.9	1.006	0	0.733	0.952
	LTE Band 43	20M	QPSK	50	0	-	Top Side	0mm	Ant 8	DSI 12	44490	3690	11.91	13.1	1.315	62.9	1.006	-0.07	0.799	1.057
	LTE Band 43	20M	QPSK	100	0	-	Top Side	0mm	Ant 8	DSI 12	44090	3650	11.93	13.1	1.309	62.9	1.006	0.04	0.766	1.009
	LTE Band 43	20M	QPSK	1	0	-	Back Top	11mm	Ant 8	DSI 4	44090	3650	23.07	24	1.239	62.9	1.006	-0.12	0.835	1.041
	LTE Band 43	20M	QPSK	1	0	-	Back Top	11mm	Ant 8	DSI 4	43690	3610	23.02	24	1.253	62.9	1.006	-0.04	0.751	0.947
	LTE Band 43	20M	QPSK	1	0	-	Back Top	11mm	Ant 8	DSI 4	44490	3690	23.04	24	1.247	62.9	1.006	-0.03	0.659	0.827
	LTE Band 43	20M	QPSK	50	0	-	Back Top	11mm	Ant 8	DSI 4	44090	3650	22.12	23	1.225	62.9	1.006	0.06	0.759	0.935
	LTE Band 43	20M	QPSK	50	0	-	Back Top	11mm	Ant 8	DSI 4	43690	3610	22.06	23	1.242	62.9	1.006	0	0.651	0.813
	LTE Band 43	20M	QPSK	50	0	-	Back Top	11mm	Ant 8	DSI 4	44490	3690	22.1	23	1.230	62.9	1.006	0.04	0.635	0.786
	LTE Band 43	20M	QPSK	100	0	-	Back Top	11mm	Ant 8	DSI 4	44090	3650	22.05	23	1.245	62.9	1.006	-0.06	0.621	0.778
	LTE Band 43	20M	QPSK	1	0	-	Top Side	15mm	Ant 8	DSI 4	44090	3650	23.07	24	1.239	62.9	1.006	0.02	0.315	0.393
	LTE Band 43	20M	QPSK	50	0	-	Top Side	15mm	Ant 8	DSI 4	44090	3650	22.12	23	1.225	62.9	1.006	-0.11	0.305	0.376
	LTE Band 48	20M	QPSK	1	0	-	Back	0mm	Ant 2	DSI 12	55830	3609	13.97	15.4	1.390	62.9	1.006	0.02	0.881	1.232
127	LTE Band 48	20M	QPSK	1	0	-	Back	0mm	Ant 2	DSI 12	55340	3560	13.95	15.4	1.396	62.9	1.006	0.02	0.922	1.295
	LTE Band 48	20M	QPSK	1	0	-	Back	0mm	Ant 2	DSI 12	56150	3641	13.91	15.4	1.409	62.9	1.006	-0.05	0.833	1.181
	LTE Band 48	20M	QPSK	1	0	-	Back	0mm	Ant 2	DSI 12	56640	3690	13.91	15.4	1.409	62.9	1.006	-0.17	0.800	1.134
	LTE Band 48	20M	QPSK	50	0	-	Back	0mm	Ant 2	DSI 12	55830	3609	13.96	15.4	1.393	62.9	1.006	0.02	0.712	0.998
	LTE Band 48	20M	QPSK	50	0	-	Back	0mm	Ant 2	DSI 12	55340	3560	13.85	15.4	1.429	62.9	1.006	-0.19	0.736	1.058
	LTE Band 48	20M	QPSK	50	0	-	Back	0mm	Ant 2	DSI 12	56150	3641	13.89	15.4	1.416	62.9	1.006	0.04	0.687	0.979
	LTE Band 48	20M	QPSK	50	0	-	Back	0mm	Ant 2	DSI 12	56640	3690	13.85	15.4	1.429	62.9	1.006	-0.02	0.643	0.924
	LTE Band 48	20M	QPSK	100	0	-	Back	0mm	Ant 2	DSI 12	55830	3609	13.89	15.4	1.416	62.9	1.006	-0.11	0.713	1.016
	LTE Band 48	20M	QPSK	1	0	-	Right Side	0mm	Ant 2	DSI 12	55830	3609	13.97	15.4	1.390	62.9	1.006	-0.06	0.024	0.034
	LTE Band 48	20M	QPSK	50	0	-	Right Side	0mm	Ant 2	DSI 12	55830	3609	13.96	15.4	1.393	62.9	1.006	0	0.021	0.029
	LTE Band 48	20M	QPSK	1	0	-	Bottom Side	0mm	Ant 2	DSI 12	55830	3609	13.97	15.4	1.390	62.9	1.006	-0.06	0.611	0.854
	LTE Band 48	20M	QPSK	1	0	-	Bottom Side	0mm	Ant 2	DSI 12	55340	3560	13.95	15.4	1.396	62.9	1.006	0.03	0.644	0.904
	LTE Band 48	20M	QPSK	1	0	-	Bottom Side	0mm	Ant 2	DSI 12	56150	3641	13.91	15.4	1.409	62.9	1.006	-0.17	0.616	0.873
	LTE Band 48	20M	QPSK	1	0	-	Bottom Side	0mm	Ant 2	DSI 12	56640	3690	13.91	15.4	1.409	62.9	1.006	-0.1	0.639	0.906
	LTE Band 48	20M	QPSK	50	0	-	Bottom Side	0mm	Ant 2	DSI 12	55830	3609	13.96	15.4	1.393	62.9	1.006	0.05	0.513	0.719
	LTE Band 48	20M	QPSK	50	0	-	Bottom Side	0mm	Ant 2	DSI 12	55340	3560	13.85	15.4	1.429	62.9	1.006	0.09	0.523	0.752
	LTE Band 48	20M	QPSK	50	0	-	Bottom Side	0mm	Ant 2	DSI 12	56150	3641	13.89	15.4	1.416	62.9	1.006	0.04	0.508	0.724
	LTE Band 48	20M	QPSK	50	0	-	Bottom Side	0mm	Ant 2	DSI 12	56640	3690	13.85	15.4	1.429	62.9	1.006	0.07	0.531	0.763
	LTE Band 48	20M	QPSK	100	0	-	Bottom Side	0mm	Ant 2	DSI 12	55830	3609	13.89	15.4	1.416	62.9	1.006	0.05	0.522	0.744
	LTE Band 48	20M	QPSK	1	0	-	Back	15mm	Ant 2	DSI 4	55830	3609	20.7	22	1.349	62.9	1.006	-0.14	0.353	0.479
	LTE Band 48	20M	QPSK	50	0	-	Back	15mm	Ant 2	DSI 4	55830	3609	19.71	21	1.346	62.9	1.006	-0.04	0.345	0.467
	LTE Band 48	20M	QPSK	1	0	-	Right Side	19mm	Ant 2	DSI 4	55830	3609	20.7	22	1.349	62.9	1.006	-0.04	0.065	0.088
	LTE Band 48	20M	QPSK	50	0	-	Right Side	19mm	Ant 2	DSI 4	55830	3609	19.71	21	1.346	62.9	1.006	0.06	0.053	0.072
	LTE Band 48	20M	QPSK	1	0	-	Bottom Side	14mm	Ant 2	DSI 4	55830	3609	20.7	22	1.349	62.9	1.006	0	0.430	0.584
	LTE Band 48	20M	QPSK	50	0	-	Bottom Side	14mm	Ant 2	DSI 4	55830	3609	19.71	21	1.346	62.9	1.006	0.03	0.351	0.475
	LTE Band 48	20M	QPSK	1	0	-	Back Right	0mm	Ant 4	DSI 12	55830	3609	16.15	17.7	1.429	62.9	1.006	0.03	0.895	1.287
	LTE Band 48	20M	QPSK	1	0	-	Back Right	0mm	Ant 4	DSI 12	55340	3560	16.05	17.7	1.462	62.9	1.006	-0.06	0.868	1.277
	LTE Band 48	20M	QPSK	1	0	-	Back Right	0mm	Ant 4	DSI 12	56150	3641	16.08	1						



FCC SAR Test Report

Report No. : FA5N1310

	LTE Band 48	20M	QPSK	100	0	-	Back Right	0mm	Ant 4	DSI 12	55830	3609	16.06	17.7	1.459	62.9	1.006	-0.12	0.730	1.071
	LTE Band 48	20M	QPSK	1	0	-	Right Side	0mm	Ant 4	DSI 12	55830	3609	16.15	17.7	1.429	62.9	1.006	-0.19	0.277	0.398
	LTE Band 48	20M	QPSK	50	0	-	Right Side	0mm	Ant 4	DSI 12	55830	3609	16.12	17.7	1.439	62.9	1.006	0.11	0.259	0.375
	LTE Band 48	20M	QPSK	1	0	-	Top Side	0mm	Ant 4	DSI 12	55830	3609	16.15	17.7	1.429	62.9	1.006	0.14	0.030	0.043
	LTE Band 48	20M	QPSK	50	0	-	Top Side	0mm	Ant 4	DSI 12	55830	3609	16.12	17.7	1.439	62.9	1.006	0.16	0.027	0.039
	LTE Band 48	20M	QPSK	1	0	-	Back Right	9mm	Ant 4	DSI 4	55830	3609	23.15	24	1.216	62.9	1.006	-0.06	0.811	0.992
	LTE Band 48	20M	QPSK	1	0	-	Back Right	9mm	Ant 4	DSI 4	55340	3560	22.97	24	1.268	62.9	1.006	-0.04	0.751	0.958
	LTE Band 48	20M	QPSK	1	0	-	Back Right	9mm	Ant 4	DSI 4	56150	3641	22.95	24	1.274	62.9	1.006	0.07	0.715	0.916
	LTE Band 48	20M	QPSK	1	0	-	Back Right	9mm	Ant 4	DSI 4	56640	3690	23.09	24	1.233	62.9	1.006	0	0.783	0.971
	LTE Band 48	20M	QPSK	50	0	-	Back Right	9mm	Ant 4	DSI 4	55830	3609	22.17	23	1.211	62.9	1.006	0.02	0.759	0.925
	LTE Band 48	20M	QPSK	50	0	-	Back Right	9mm	Ant 4	DSI 4	55340	3560	22.11	23	1.227	62.9	1.006	-0.06	0.721	0.89
	LTE Band 48	20M	QPSK	50	0	-	Back Right	9mm	Ant 4	DSI 4	56150	3641	22.03	23	1.250	62.9	1.006	0.03	0.659	0.829
	LTE Band 48	20M	QPSK	50	0	-	Back Right	9mm	Ant 4	DSI 4	56640	3690	22.09	23	1.233	62.9	1.006	-0.11	0.683	0.847
	LTE Band 48	20M	QPSK	100	0	-	Back Right	9mm	Ant 4	DSI 4	55830	3609	22.11	23	1.227	62.9	1.006	0.11	0.645	0.796
	LTE Band 48	20M	QPSK	1	0	-	Right Side	15mm	Ant 4	DSI 4	55830	3609	23.15	24	1.216	62.9	1.006	-0.12	0.348	0.426
	LTE Band 48	20M	QPSK	50	0	-	Right Side	15mm	Ant 4	DSI 4	55830	3609	22.17	23	1.211	62.9	1.006	-0.1	0.321	0.391
	LTE Band 48	20M	QPSK	1	0	-	Top Side	9mm	Ant 4	DSI 4	55830	3609	23.15	24	1.216	62.9	1.006	-0.1	0.158	0.193
	LTE Band 48	20M	QPSK	50	0	-	Top Side	9mm	Ant 4	DSI 4	55830	3609	22.17	23	1.211	62.9	1.006	-0.02	0.105	0.128
	LTE Band 48	20M	QPSK	1	0	-	Back Top	0mm	Ant 6	DSI 12	55830	3609	18.4	19.7	1.349	62.9	1.006	0.01	0.756	1.026
	LTE Band 48	20M	QPSK	1	0	-	Back Top	0mm	Ant 6	DSI 12	55340	3560	18.36	19.7	1.361	62.9	1.006	0.04	0.846	1.158
	LTE Band 48	20M	QPSK	1	0	-	Back Top	0mm	Ant 6	DSI 12	56150	3641	18.36	19.7	1.361	62.9	1.006	-0.11	0.829	1.135
	LTE Band 48	20M	QPSK	1	0	-	Back Top	0mm	Ant 6	DSI 12	56640	3690	18.37	19.7	1.358	62.9	1.006	0.01	0.941	1.286
	LTE Band 48	20M	QPSK	50	0	-	Back Top	0mm	Ant 6	DSI 12	55830	3609	18.38	19.7	1.355	62.9	1.006	0.11	0.631	0.86
	LTE Band 48	20M	QPSK	50	0	-	Back Top	0mm	Ant 6	DSI 12	55340	3560	18.24	19.7	1.400	62.9	1.006	-0.06	0.623	0.877
	LTE Band 48	20M	QPSK	50	0	-	Back Top	0mm	Ant 6	DSI 12	56150	3641	18.23	19.7	1.403	62.9	1.006	0.11	0.673	0.95
	LTE Band 48	20M	QPSK	50	0	-	Back Top	0mm	Ant 6	DSI 12	56640	3690	18.32	19.7	1.374	62.9	1.006	0.07	0.662	0.915
	LTE Band 48	20M	QPSK	100	0	-	Back Top	0mm	Ant 6	DSI 12	55830	3609	18.35	19.7	1.365	62.9	1.006	0.04	0.660	0.906
	LTE Band 48	20M	QPSK	1	0	-	Back Right	0mm	Ant 6	DSI 12	55830	3609	18.4	19.7	1.349	62.9	1.006	0.02	0.305	0.414
	LTE Band 48	20M	QPSK	50	0	-	Back Right	0mm	Ant 6	DSI 12	55830	3609	18.38	19.7	1.355	62.9	1.006	0.01	0.301	0.41
	LTE Band 48	20M	QPSK	1	0	-	Right Side	0mm	Ant 6	DSI 4	55830	3609	21.78	23	1.324	62.9	1.006	0.01	0.442	0.589
	LTE Band 48	20M	QPSK	50	0	-	Right Side	0mm	Ant 6	DSI 4	55830	3609	20.81	22	1.315	62.9	1.006	0.02	0.416	0.55
	LTE Band 48	20M	QPSK	1	0	-	Top Side	0mm	Ant 6	DSI 12	55830	3609	18.4	19.7	1.349	62.9	1.006	-0.06	0.660	0.896
	LTE Band 48	20M	QPSK	1	0	-	Top Side	0mm	Ant 6	DSI 12	55340	3560	18.36	19.7	1.361	62.9	1.006	-0.07	0.604	0.827
	LTE Band 48	20M	QPSK	1	0	-	Top Side	0mm	Ant 6	DSI 12	56150	3641	18.36	19.7	1.361	62.9	1.006	0.09	0.593	0.812
	LTE Band 48	20M	QPSK	1	0	-	Top Side	0mm	Ant 6	DSI 12	56640	3690	18.37	19.7	1.358	62.9	1.006	0.18	0.616	0.842
	LTE Band 48	20M	QPSK	50	0	-	Top Side	0mm	Ant 6	DSI 12	55830	3609	18.38	19.7	1.355	62.9	1.006	-0.08	0.533	0.727
	LTE Band 48	20M	QPSK	50	0	-	Top Side	0mm	Ant 6	DSI 12	55340	3560	18.24	19.7	1.400	62.9	1.006	0.12	0.508	0.715
	LTE Band 48	20M	QPSK	50	0	-	Top Side	0mm	Ant 6	DSI 12	56150	3641	18.23	19.7	1.403	62.9	1.006	-0.01	0.501	0.707
	LTE Band 48	20M	QPSK	50	0	-	Top Side	0mm	Ant 6	DSI 12	56640	3690	18.32	19.7	1.374	62.9	1.006	-0.03	0.497	0.687
	LTE Band 48	20M	QPSK	100	0	-	Top Side	0mm	Ant 6	DSI 12	55830	3609	18.35	19.7	1.365	62.9	1.006	0.06	0.481	0.661
	LTE Band 48	20M	QPSK	1	0	-	Back Top	11mm	Ant 6	DSI 4	55830	3609	21.78	23	1.324	62.9	1.006	-0.13	0.854	1.137
	LTE Band 48	20M	QPSK	1	0	-	Back Top	11mm	Ant 6	DSI 4	55340	3560	21.75	23	1.334	62.9	1.006	-0.06	0.725	0.973
	LTE Band 48	20M	QPSK	1	0	-	Back Top	11mm	Ant 6	DSI 4	56150	3641	21.61	23	1.377	62.9	1.006	-0.03	0.712	0.986
	LTE Band 48	20M	QPSK	1	0	-	Back Top	11mm	Ant 6	DSI 4	56640	3690	21.75	23	1.334	62.9	1.006	0.06	0.689	0.925
	LTE Band 48	20M	QPSK	50	0	-	Back Top	11mm	Ant 6	DSI 4	55830	3609	20.81	22	1.315	62.9	1.006	0	0.735	0.972
	LTE Band 48	20M	QPSK	50	0	-	Back Top	11mm	Ant 6	DSI 4	55340	3560	20.73	22	1.340	62.9	1.006	0.03	0.653	0.88
	LTE Band 48	20M	QPSK	50	0	-	Back Top	11mm	Ant 6	DSI 4	56150	3641	20.69	22	1.352	62.9	1.006	-0.08	0.661	0.899
	LTE Band 48	20M	QPSK	50	0	-	Back Top	11mm	Ant 6	DSI 4	56640	3690	20.72	22	1.343	62.9	1.006	0.01	0.625	0.844
	LTE Band 48	20M	QPSK	100	0	-	Back Top	11mm	Ant 6	DSI 4	55830	3609	20.76	22	1.330	62.9	1.006	-0.11	0.623	0.834
	LTE Band 48	20M	QPSK	1	0	-	Top Side	15mm	Ant 6	DSI 4	55830	3609	21.78	23	1.324	62.9	1.006	0.12	0.609	0.811
	LTE Band 48	20M	QPSK	1	0	-	Top Side	15mm	Ant 6	DSI 4	55340	3560	21.75	23	1.334	62.9	1.006	-0.11	0.601	0.807
	LTE Band 48	20M	QPSK	1	0	-	Top Side	15mm	Ant 6	DSI 4	56150	3641	21.61	23	1.377	62.9	1.006	-0.1	0.598	0.828
	LTE Band 48	20M	QPSK	1	0	-	Top Side	15mm	Ant 6	DSI 4	56640	3690	21.75	23	1.334	62.9	1.006	-0.1	0.591	0.793
	LTE Band 48	20M	QPSK	50	0	-	Top Side	15mm	Ant 6	DSI 4	55830	3609	20.81	22	1.315	62.9	1.006	-0.02	0.653	0.864
	LTE Band 48	20M	QPSK	50	0	-	Top Side	15mm	Ant 6	DSI 4	55340	3560	20.73	22	1.340	62.9	1.006	-0.01	0.563	0.759
	LTE Band 48	20M	QPSK	50	0	-	Top Side	15mm	Ant 6	DSI 4	56150	3641	20.69	22	1.352	62.9	1.006	0.01	0.551	0.749
	LTE Band 48	20M	QPSK	50	0	-	Top Side	15mm	Ant 6	DSI 4	56640	3690	20.72	22	1.343	62.9	1.006	0.05	0.525	0.709
	LTE Band 48	20M	QPSK	100	0	-	Top Side	15mm	Ant 6	DSI 4	55830	3609	20.76	22	1.330	62.9	1.006	-0.03	0.535	0.716
	LTE Band 48	20M	QPSK	1	0	-	Back Top	0mm	Ant 8	DSI 12	55830	3609	12.39	13.9	1.416	62.9	1.006	0.03	0.791	1.127
	LTE Band 48	20M	QPSK	1	0	-	Back Top	0mm	Ant 8	DSI 12	55340	3560	12.35	13.9	1.429	62.9	1.006	-0.03	0.785	1.128
	LTE Band 48	20M	QPSK	1	0	-	Back Top	0mm	Ant 8	DSI 12	56150	3641	12.33	13.9	1.435	62.9	1.006	-0.08	0.779	1.125
	LTE Band 48	20M	QPSK	1	0	-	Back Top	0mm	Ant 8	DSI 12	56640	3690	12.36	13.9	1.426	62.9	1.006	0.02	0.770	1.105
	LTE Band 48	20M	QPSK	50	0	-	Back Top	0mm	Ant 8	DSI 12	55830	3609	12.38	13.9	1.419	62.9	1.006	-0.03	0.641	0.915
	LTE Band 48	20M	QPSK	50	0	-	Back Top	0mm	Ant 8	DSI 12	55340	3560	12.24	13.9	1.466	62.9	1.006	0	0.614	0.906
	LTE Band 48	20M	QPSK	50	0	-	Back Top	0mm	Ant 8	DSI 12	56150	3641	12.29	13.9	1.449	62.9	1.006	-0.12	0.611	0.891
	LTE Band 48	20M	QPSK	50	0	-	Back Top	0mm	Ant 8	DSI 12	56640	3690	12.24	13.9	1.466	62.9	1.006	0	0.605	0.892
	LTE Band 48	20M	QPSK	100	0	-	Back Top	0mm	Ant 8	DSI 12	55830	3609	12.3	13.9	1.445	62.9	1.006	0.04	0.617	0.897
	LTE Band 48	20M	QPSK	1	0	-	Top Side	0mm	Ant 8	DSI 12	55830	3609	12.39	13.9	1.416	62.9	1.006	-0.08	0.815	1.161
	LTE Band 48	20M	QPSK	1	0	-	Top Side	0mm	Ant 8	DSI 12	55340	3560	12.35	13.9	1.429	6				



FCC SAR Test Report

Report No. : FA5N1310

	LTE Band 48	20M	QPSK	50	0	-	Top Side	0mm	Ant 8	DSI 12	56640	3690	12.24	13.9	1.466	62.9	1.006	0.19	0.731	1.078
	LTE Band 48	20M	QPSK	100	0	-	Top Side	0mm	Ant 8	DSI 12	56640	3690	12.3	13.9	1.445	62.9	1.006	-0.11	0.677	0.984
	LTE Band 48	20M	QPSK	1	0	-	Back Top	11mm	Ant 8	DSI 4	55830	3609	23.01	24	1.246	62.9	1.006	-0.12	0.825	1.042
	LTE Band 48	20M	QPSK	1	0	-	Back Top	11mm	Ant 8	DSI 4	55340	3560	22.96	24	1.271	62.9	1.006	-0.05	0.745	0.953
	LTE Band 48	20M	QPSK	1	0	-	Back Top	11mm	Ant 8	DSI 4	56150	3641	22.96	24	1.271	62.9	1.006	-0.03	0.748	0.956
	LTE Band 48	20M	QPSK	1	0	-	Back Top	11mm	Ant 8	DSI 4	56640	3690	22.99	24	1.262	62.9	1.006	0.05	0.725	0.92
	LTE Band 48	20M	QPSK	50	0	-	Back Top	11mm	Ant 8	DSI 4	55830	3609	22.06	23	1.242	62.9	1.006	0	0.751	0.938
	LTE Band 48	20M	QPSK	50	0	-	Back Top	11mm	Ant 8	DSI 4	55340	3560	21.95	23	1.274	62.9	1.006	0.03	0.695	0.891
	LTE Band 48	20M	QPSK	50	0	-	Back Top	11mm	Ant 8	DSI 4	56150	3641	21.88	23	1.294	62.9	1.006	-0.06	0.685	0.892
	LTE Band 48	20M	QPSK	50	0	-	Back Top	11mm	Ant 8	DSI 4	56640	3690	21.99	23	1.262	62.9	1.006	0.01	0.679	0.862
	LTE Band 48	20M	QPSK	100	0	-	Back Top	11mm	Ant 8	DSI 4	55830	3609	22.02	23	1.253	62.9	1.006	-0.1	0.683	0.861
	LTE Band 48	20M	QPSK	1	0	-	Top Side	15mm	Ant 8	DSI 4	55830	3609	23.01	24	1.256	62.9	1.006	0.11	0.406	0.513
	LTE Band 48	20M	QPSK	50	0	-	Top Side	15mm	Ant 8	DSI 4	55830	3609	22.06	23	1.242	62.9	1.006	-0.12	0.401	0.501
128	FR1 n7	50M	BPSK	1	1	-	Back Top	0mm	Ant 3	DSI 12	507000	2535	10.21	11.6	1.377	100	1.000	0	0.844	1.162
	FR1 n7	50M	BPSK	135	68	-	Back Top	0mm	Ant 3	DSI 12	507000	2535	10.2	11.6	1.380	100	1.000	0.01	0.936	1.292
	FR1 n7	50M	BPSK	270	0	-	Back Top	0mm	Ant 3	DSI 12	507000	2535	10.16	11.6	1.393	100	1.000	-0.19	0.801	1.116
	FR1 n7	50M	BPSK	1	1	-	Top Side	0mm	Ant 3	DSI 12	507000	2535	10.21	11.6	1.377	100	1.000	-0.09	0.759	1.045
	FR1 n7	50M	BPSK	135	68	-	Top Side	0mm	Ant 3	DSI 12	507000	2535	10.2	11.6	1.380	100	1.000	-0.16	0.838	1.156
	FR1 n7	50M	BPSK	270	0	-	Top Side	0mm	Ant 3	DSI 12	507000	2535	10.16	11.6	1.393	100	1.000	0.11	0.765	1.066
	FR1 n7	50M	BPSK	1	1	-	Back Top	11mm	Ant 3	DSI 4	507000	2535	22.52	23.5	1.253	100	1.000	-0.13	0.861	1.079
	FR1 n7	50M	BPSK	135	68	-	Back Top	11mm	Ant 3	DSI 4	507000	2535	22.5	23.5	1.259	100	1.000	-0.04	0.835	1.051
	FR1 n7	50M	BPSK	270	0	-	Back Top	11mm	Ant 3	DSI 4	507000	2535	22.31	23.5	1.315	100	1.000	-0.03	0.801	1.053
	FR1 n7	50M	BPSK	1	1	-	Top Side	15mm	Ant 3	DSI 4	507000	2535	22.52	23.5	1.253	100	1.000	0.06	0.553	0.693
	FR1 n7	50M	BPSK	135	68	-	Top Side	15mm	Ant 3	DSI 4	507000	2535	22.5	23.5	1.259	100	1.000	0	0.521	0.656
	FR1 n7	50M	BPSK	1	1	-	Back	0mm	Ant 2	DSI 12	507000	2535	13.15	14.3	1.303	100	1.000	0.01	0.643	0.838
	FR1 n7	50M	BPSK	135	68	-	Back	0mm	Ant 2	DSI 12	507000	2535	13.14	14.3	1.306	100	1.000	-0.07	0.575	0.751
	FR1 n7	50M	BPSK	270	0	-	Back	0mm	Ant 2	DSI 12	507000	2535	13.09	14.3	1.321	100	1.000	-0.05	0.577	0.762
	FR1 n7	50M	BPSK	1	1	-	Right Side	0mm	Ant 2	DSI 12	507000	2535	13.15	14.3	1.303	100	1.000	0.05	0.012	0.016
	FR1 n7	50M	BPSK	135	68	-	Right Side	0mm	Ant 2	DSI 12	507000	2535	13.14	14.3	1.306	100	1.000	0	0.012	0.016
	FR1 n7	50M	BPSK	1	1	-	Bottom Side	0mm	Ant 2	DSI 12	507000	2535	13.15	14.3	1.303	100	1.000	-0.04	0.703	0.916
	FR1 n7	50M	BPSK	135	68	-	Bottom Side	0mm	Ant 2	DSI 12	507000	2535	13.14	14.3	1.306	100	1.000	0.07	0.987	1.289
	FR1 n7	50M	BPSK	270	0	-	Bottom Side	0mm	Ant 2	DSI 12	507000	2535	13.09	14.3	1.321	100	1.000	0.01	0.761	1.005
	FR1 n7	50M	BPSK	1	1	-	Back	15mm	Ant 2	DSI 4	507000	2535	23.03	24	1.250	100	1.000	-0.13	0.347	0.434
	FR1 n7	50M	BPSK	135	68	-	Back	15mm	Ant 2	DSI 4	507000	2535	23.02	24	1.253	100	1.000	-0.06	0.321	0.402
	FR1 n7	50M	BPSK	1	1	-	Right Side	19mm	Ant 2	DSI 4	507000	2535	23.03	24	1.250	100	1.000	-0.04	0.001	0.001
	FR1 n7	50M	BPSK	135	68	-	Right Side	19mm	Ant 2	DSI 4	507000	2535	23.02	24	1.253	100	1.000	0.07	0.001	0.001
	FR1 n7	50M	BPSK	1	1	-	Bottom Side	14mm	Ant 2	DSI 4	507000	2535	23.03	24	1.250	100	1.000	0	0.419	0.524
	FR1 n7	50M	BPSK	135	68	-	Bottom Side	14mm	Ant 2	DSI 4	507000	2535	23.02	24	1.253	100	1.000	0.03	0.401	0.502
	FR1 n7	50M	BPSK	1	1	-	Back Right	0mm	Ant 4	DSI 12	507000	2535	14.21	15.3	1.285	100	1.000	0.01	0.788	1.013
	FR1 n7	50M	BPSK	135	68	-	Back Right	0mm	Ant 4	DSI 12	507000	2535	14.2	15.3	1.288	100	1.000	0.01	1.000	1.288
	FR1 n7	50M	BPSK	270	0	-	Back Right	0mm	Ant 4	DSI 12	507000	2535	14.06	15.3	1.330	100	1.000	-0.02	0.639	0.85
	FR1 n7	50M	BPSK	1	1	-	Right Side	0mm	Ant 4	DSI 12	507000	2535	14.21	15.3	1.285	100	1.000	-0.1	0.623	0.801
	FR1 n7	50M	BPSK	135	68	-	Right Side	0mm	Ant 4	DSI 12	507000	2535	14.2	15.3	1.288	100	1.000	-0.17	0.723	0.931
	FR1 n7	50M	BPSK	270	0	-	Right Side	0mm	Ant 4	DSI 12	507000	2535	14.06	15.3	1.330	100	1.000	-0.06	0.885	1.177
	FR1 n7	50M	BPSK	1	1	-	Top Side	0mm	Ant 4	DSI 12	507000	2535	14.21	15.3	1.285	100	1.000	-0.16	0.060	0.077
	FR1 n7	50M	BPSK	135	68	-	Top Side	0mm	Ant 4	DSI 12	507000	2535	14.2	15.3	1.288	100	1.000	-0.02	0.036	0.046
	FR1 n7	50M	BPSK	1	1	-	Back Right	9mm	Ant 4	DSI 4	507000	2535	22.27	23	1.183	100	1.000	-0.12	0.487	0.576
	FR1 n7	50M	BPSK	135	68	-	Back Right	9mm	Ant 4	DSI 4	507000	2535	22.25	23	1.189	100	1.000	-0.05	0.451	0.536
	FR1 n7	50M	BPSK	1	1	-	Right Side	15mm	Ant 4	DSI 4	507000	2535	22.27	23	1.183	100	1.000	-0.02	0.399	0.472
	FR1 n7	50M	BPSK	135	68	-	Right Side	15mm	Ant 4	DSI 4	507000	2535	22.25	23	1.189	100	1.000	0.05	0.356	0.423
	FR1 n7	50M	BPSK	1	1	-	Top Side	9mm	Ant 4	DSI 4	507000	2535	22.27	23	1.183	100	1.000	0.01	0.146	0.173
	FR1 n7	50M	BPSK	135	68	-	Top Side	9mm	Ant 4	DSI 4	507000	2535	22.25	23	1.189	100	1.000	0.02	0.121	0.144
	FR1 n7	50M	BPSK	1	1	-	Back	0mm	Ant 0	DSI 12	507000	2535	14.59	15.9	1.352	100	1.000	0.01	0.845	1.142
	FR1 n7	50M	BPSK	135	68	-	Back	0mm	Ant 0	DSI 12	507000	2535	14.58	15.9	1.355	100	1.000	0.1	0.906	1.228
	FR1 n7	50M	BPSK	270	0	-	Back	0mm	Ant 0	DSI 12	507000	2535	14.46	15.9	1.393	100	1.000	-0.09	0.903	1.258
	FR1 n7	50M	BPSK	1	1	-	Right Side	0mm	Ant 0	DSI 12	507000	2535	14.59	15.9	1.352	100	1.000	0	0.473	0.639
	FR1 n7	50M	BPSK	135	68	-	Right Side	0mm	Ant 0	DSI 12	507000	2535	14.58	15.9	1.355	100	1.000	-0.16	0.556	0.753
	FR1 n7	50M	BPSK	1	1	-	Bottom Side	0mm	Ant 0	DSI 12	507000	2535	14.59	15.9	1.352	100	1.000	-0.11	0.781	1.056
	FR1 n7	50M	BPSK	135	68	-	Bottom Side	0mm	Ant 0	DSI 12	507000	2535	14.58	15.9	1.355	100	1.000	0	0.609	0.825
	FR1 n7	50M	BPSK	270	0	-	Bottom Side	0mm	Ant 0	DSI 12	507000	2535	14.46	15.9	1.393	100	1.000	0.02	0.601	0.837
	FR1 n7	50M	BPSK	1	1	-	Back	15mm	Ant 0	DSI 4	507000	2535	22.63	24	1.371	100	1.000	-0.12	0.240	0.329
	FR1 n7	50M	BPSK	135	68	-	Back	15mm	Ant 0	DSI 4	507000	2535	22.62	24	1.374	100	1.000	-0.05	0.215	0.295
	FR1 n7	50M	BPSK	1	1	-	Right Side	19mm	Ant 0	DSI 4	507000	2535	22.63	24	1.371	100	1.000	-0.03	0.144	0.197
	FR1 n7	50M	BPSK	135	68	-	Right Side	19mm	Ant 0	DSI 4	507000	2535	22.62	24	1.374	100	1.000	0.06	0.133	0.183
	FR1 n7	50M	BPSK	1	1	-	Bottom Side	14mm	Ant 0	DSI 4	507000	2535	22.63	24	1.371	100	1.000	0	0.400	0.548
	FR1 n7	50M	BPSK	135	68	-	Bottom Side	14mm	Ant 0	DSI 4	507000	2535	22.62	24	1.374	100	1.000	0.02	0.351	0.482
129	FR1 n12	15M	BPSK	1	1	-	Back	0mm	Ant 0	DSI 12	141500	707.5	20.95	22.2	1.334	100	1.000	0.01	0.879	1.173
	FR1 n12	15M	BPSK	36	22	-	Back	0mm	Ant 0	DSI 12	141500	707.5	20.93	22.2	1.340	100	1.000	-0.08	0.962	1.289
	FR1 n12	15M	BPSK	75	0	-	Back	0mm	Ant 0	DSI 12	141500	707.5	20.88	22.2	1.355	100	1.00			



FCC SAR Test Report

Report No. : FA5N1310

	FR1 n12	15M	BPSK	75	0	-	Bottom Side	0mm	Ant 0	DSI 12	141500	707.5	20.88	22.2	1.355	100	1.000	0.03	0.856	1.16
	FR1 n12	15M	BPSK	1	1	-	Back	15mm	Ant 0	DSI 4	141500	707.5	23.31	24	1.172	100	1.000	-0.05	0.170	0.199
	FR1 n12	15M	BPSK	36	22	-	Back	15mm	Ant 0	DSI 4	141500	707.5	23.26	24	1.186	100	1.000	-0.04	0.153	0.181
	FR1 n12	15M	BPSK	1	1	-	Right Side	19mm	Ant 0	DSI 4	141500	707.5	23.31	24	1.172	100	1.000	0.06	0.166	0.195
	FR1 n12	15M	BPSK	36	22	-	Right Side	19mm	Ant 0	DSI 4	141500	707.5	23.26	24	1.186	100	1.000	0	0.145	0.172
	FR1 n12	15M	BPSK	1	1	-	Bottom Side	14mm	Ant 0	DSI 4	141500	707.5	23.31	24	1.172	100	1.000	0.04	0.166	0.195
	FR1 n12	15M	BPSK	36	22	-	Bottom Side	14mm	Ant 0	DSI 4	141500	707.5	23.26	24	1.186	100	1.000	0.02	0.121	0.144
	FR1 n12	15M	BPSK	1	1	-	Back Right	0mm	Ant 1	DSI 4	141500	707.5	19.35	20.6	1.334	100	1.000	-0.07	0.961	1.282
	FR1 n12	15M	BPSK	36	22	-	Back Right	0mm	Ant 1	DSI 4	141500	707.5	19.34	20.6	1.337	100	1.000	0.08	0.916	1.225
	FR1 n12	15M	BPSK	75	0	-	Back Right	0mm	Ant 1	DSI 4	141500	707.5	19.23	20.6	1.371	100	1.000	-0.15	0.927	1.271
	FR1 n12	15M	BPSK	1	1	-	Back 1	0mm	Ant 1	DSI 4	141500	707.5	19.35	20.6	1.334	100	1.000	-0.06	0.358	0.478
	FR1 n12	15M	BPSK	36	22	-	Back 1	0mm	Ant 1	DSI 4	141500	707.5	19.34	20.6	1.337	100	1.000	-0.01	0.350	0.468
	FR1 n12	15M	BPSK	1	1	-	Left Side	0mm	Ant 1	DSI 4	141500	707.5	19.35	20.6	1.334	100	1.000	-0.1	0.014	0.019
	FR1 n12	15M	BPSK	36	22	-	Left Side	0mm	Ant 1	DSI 4	141500	707.5	19.34	20.6	1.337	100	1.000	-0.14	0.012	0.016
	FR1 n12	15M	BPSK	1	1	-	Right Side	0mm	Ant 1	DSI 4	141500	707.5	19.35	20.6	1.334	100	1.000	0.19	0.939	1.253
	FR1 n12	15M	BPSK	36	22	-	Right Side	0mm	Ant 1	DSI 4	141500	707.5	19.34	20.6	1.337	100	1.000	-0.17	0.950	1.27
	FR1 n12	15M	BPSK	75	0	-	Right Side	0mm	Ant 1	DSI 4	141500	707.5	19.23	20.6	1.371	100	1.000	0.02	0.853	1.169
	FR1 n12	15M	BPSK	1	1	-	Top Side	0mm	Ant 1	DSI 4	141500	707.5	19.35	20.6	1.334	100	1.000	-0.15	0.018	0.024
	FR1 n12	15M	BPSK	36	22	-	Top Side	0mm	Ant 1	DSI 4	141500	707.5	19.34	20.6	1.337	100	1.000	-0.02	0.015	0.02
	FR1 n12	15M	BPSK	1	1	-	Bottom Side	0mm	Ant 1	DSI 4	141500	707.5	19.35	20.6	1.334	100	1.000	-0.02	0.013	0.017
	FR1 n12	15M	BPSK	36	22	-	Bottom Side	0mm	Ant 1	DSI 4	141500	707.5	19.34	20.6	1.337	100	1.000	0.03	0.012	0.016
	FR1 n13	10M	BPSK	1	1	-	Back	0mm	Ant 0	DSI 12	156400	782	21.25	22.5	1.334	100	1.000	-0.09	0.959	1.279
	FR1 n13	10M	BPSK	25	14	-	Back	0mm	Ant 0	DSI 12	156400	782	21.24	22.5	1.337	100	1.000	-0.06	0.864	1.155
	FR1 n13	10M	BPSK	50	0	-	Back	0mm	Ant 0	DSI 12	156400	782	21.2	22.5	1.349	100	1.000	0.07	0.842	1.136
	FR1 n13	10M	BPSK	1	1	-	Right Side	0mm	Ant 0	DSI 12	156400	782	21.25	22.5	1.334	100	1.000	-0.09	0.602	0.803
	FR1 n13	10M	BPSK	25	14	-	Right Side	0mm	Ant 0	DSI 12	156400	782	21.24	22.5	1.337	100	1.000	0.03	0.636	0.85
	FR1 n13	10M	BPSK	50	0	-	Right Side	0mm	Ant 0	DSI 12	156400	782	21.2	22.5	1.349	100	1.000	0.02	0.605	0.816
	FR1 n13	10M	BPSK	1	1	-	Bottom Side	0mm	Ant 0	DSI 12	156400	782	21.25	22.5	1.334	100	1.000	0.03	0.636	0.848
	FR1 n13	10M	BPSK	25	14	-	Bottom Side	0mm	Ant 0	DSI 12	156400	782	21.24	22.5	1.337	100	1.000	0.1	0.620	0.829
	FR1 n13	10M	BPSK	50	0	-	Bottom Side	0mm	Ant 0	DSI 12	156400	782	21.2	22.5	1.349	100	1.000	0.03	0.605	0.816
	FR1 n13	10M	BPSK	1	1	-	Back	15mm	Ant 0	DSI 4	156400	782	23.52	24	1.117	100	1.000	-0.12	0.169	0.189
	FR1 n13	10M	BPSK	25	14	-	Back	15mm	Ant 0	DSI 4	156400	782	23.48	24	1.127	100	1.000	-0.04	0.165	0.186
	FR1 n13	10M	BPSK	1	1	-	Right Side	19mm	Ant 0	DSI 4	156400	782	23.52	24	1.117	100	1.000	-0.02	0.153	0.171
	FR1 n13	10M	BPSK	25	14	-	Right Side	19mm	Ant 0	DSI 4	156400	782	23.48	24	1.127	100	1.000	0.06	0.145	0.163
	FR1 n13	10M	BPSK	1	1	-	Bottom Side	14mm	Ant 0	DSI 4	156400	782	23.52	24	1.117	100	1.000	-0.01	0.125	0.14
	FR1 n13	10M	BPSK	25	14	-	Bottom Side	14mm	Ant 0	DSI 4	156400	782	23.48	24	1.127	100	1.000	0.04	0.126	0.142
130	FR1 n13	10M	BPSK	1	1	-	Back Right	0mm	Ant 1	DSI 4	156400	782	20.45	21.8	1.365	100	1.000	0.01	0.945	1.29
	FR1 n13	10M	BPSK	25	14	-	Back Right	0mm	Ant 1	DSI 4	156400	782	20.43	21.8	1.371	100	1.000	-0.07	0.841	1.153
	FR1 n13	10M	BPSK	50	0	-	Back Right	0mm	Ant 1	DSI 4	156400	782	20.36	21.8	1.393	100	1.000	0.02	0.901	1.255
	FR1 n13	10M	BPSK	1	1	-	Back 1	0mm	Ant 1	DSI 4	156400	782	20.45	21.8	1.365	100	1.000	-0.05	0.238	0.325
	FR1 n13	10M	BPSK	25	14	-	Back 1	0mm	Ant 1	DSI 4	156400	782	20.43	21.8	1.371	100	1.000	-0.18	0.236	0.324
	FR1 n13	10M	BPSK	1	1	-	Left Side	0mm	Ant 1	DSI 4	156400	782	20.45	21.8	1.365	100	1.000	-0.07	0.015	0.02
	FR1 n13	10M	BPSK	25	14	-	Left Side	0mm	Ant 1	DSI 4	156400	782	20.43	21.8	1.371	100	1.000	-0.14	0.013	0.018
	FR1 n13	10M	BPSK	1	1	-	Right Side	0mm	Ant 1	DSI 4	156400	782	20.45	21.8	1.365	100	1.000	-0.09	0.935	1.276
	FR1 n13	10M	BPSK	25	14	-	Right Side	0mm	Ant 1	DSI 4	156400	782	20.43	21.8	1.371	100	1.000	0.19	0.871	1.194
	FR1 n13	10M	BPSK	50	0	-	Right Side	0mm	Ant 1	DSI 4	156400	782	20.36	21.8	1.393	100	1.000	0.02	0.856	1.192
	FR1 n13	10M	BPSK	1	1	-	Top Side	0mm	Ant 1	DSI 4	156400	782	20.45	21.8	1.365	100	1.000	0.01	0.023	0.031
	FR1 n13	10M	BPSK	25	14	-	Top Side	0mm	Ant 1	DSI 4	156400	782	20.43	21.8	1.371	100	1.000	0.09	0.022	0.03
	FR1 n13	10M	BPSK	1	1	-	Bottom Side	0mm	Ant 1	DSI 4	156400	782	20.45	21.8	1.365	100	1.000	0.1	0.016	0.022
	FR1 n13	10M	BPSK	25	14	-	Bottom Side	0mm	Ant 1	DSI 4	156400	782	20.43	21.8	1.371	100	1.000	0.01	0.013	0.018
	FR1 n14	10M	BPSK	1	1	-	Back	0mm	Ant 0	DSI 12	158600	793	20.53	21.7	1.309	100	1.000	0.01	0.979	1.282
	FR1 n14	10M	BPSK	25	14	-	Back	0mm	Ant 0	DSI 12	158600	793	20.52	21.7	1.312	100	1.000	-0.01	0.924	1.212
	FR1 n14	10M	BPSK	50	0	-	Back	0mm	Ant 0	DSI 12	158600	793	20.47	21.7	1.327	100	1.000	0.02	0.905	1.201
	FR1 n14	10M	BPSK	1	1	-	Right Side	0mm	Ant 0	DSI 12	158600	793	20.53	21.7	1.309	100	1.000	-0.16	0.632	0.827
	FR1 n14	10M	BPSK	25	14	-	Right Side	0mm	Ant 0	DSI 12	158600	793	20.52	21.7	1.312	100	1.000	-0.18	0.619	0.812
	FR1 n14	10M	BPSK	50	0	-	Right Side	0mm	Ant 0	DSI 12	158600	793	20.47	21.7	1.327	100	1.000	0.03	0.605	0.803
	FR1 n14	10M	BPSK	1	1	-	Bottom Side	0mm	Ant 0	DSI 12	158600	793	20.53	21.7	1.309	100	1.000	0.09	0.691	0.905
	FR1 n14	10M	BPSK	25	14	-	Bottom Side	0mm	Ant 0	DSI 12	158600	793	20.52	21.7	1.312	100	1.000	-0.05	0.597	0.783
	FR1 n14	10M	BPSK	50	0	-	Bottom Side	0mm	Ant 0	DSI 12	158600	793	20.47	21.7	1.327	100	1.000	0.02	0.583	0.774
	FR1 n14	10M	BPSK	1	1	-	Back	15mm	Ant 0	DSI 4	158600	793	23.47	24	1.130	100	1.000	-0.14	0.174	0.197
	FR1 n14	10M	BPSK	25	14	-	Back	15mm	Ant 0	DSI 4	158600	793	23.45	24	1.135	100	1.000	-0.04	0.153	0.174
	FR1 n14	10M	BPSK	1	1	-	Right Side	19mm	Ant 0	DSI 4	158600	793	23.47	24	1.130	100	1.000	-0.03	0.149	0.168
	FR1 n14	10M	BPSK	25	14	-	Right Side	19mm	Ant 0	DSI 4	158600	793	23.45	24	1.135	100	1.000	0.06	0.125	0.142
	FR1 n14	10M	BPSK	1	1	-	Bottom Side	14mm	Ant 0	DSI 4	158600	793	23.47	24	1.130	100	1.000	-0.01	0.172	0.194
	FR1 n14	10M	BPSK	25	14	-	Bottom Side	14mm	Ant 0	DSI 4	158600	793	23.45	24	1.135	100	1.000	0.03	0.143	0.162
	FR1 n14	10M	BPSK	1	1	-	Back Right	0mm	Ant 1	DSI 4	158600	793	20.35	21.4	1.274	100	1.000	0.15	0.999	1.273
131	FR1 n14	10M	BPSK	25	14	-	Back Right	0mm	Ant 1	DSI 4	158600	793	20.33	21.4	1.279	100	1.000	0.06	1.010	1.292
	FR1 n14	10M	BPSK	50	0	-	Back Right	0mm	Ant 1	DSI 4	158600	793	20.24	21.4	1.306	100	1.000	-0.13	0.978	1.277
	FR1 n14	10M	BPSK	1	1	-	Back 1	0mm	Ant 1	DSI 4	158600	793	20.35	21.4	1.274	100	1.000	0.04	0.312	0.397
</																				



FCC SAR Test Report

Report No. : FA5N1310

	FR1 n14	10M	BPSK	50	0	-	Right Side	0mm	Ant 1	DSI 4	158600	793	20.24	21.4	1.306	100	1.000	0.02	0.801	1.046
	FR1 n14	10M	BPSK	1	1	-	Top Side	0mm	Ant 1	DSI 4	158600	793	20.35	21.4	1.274	100	1.000	-0.14	0.030	0.038
	FR1 n14	10M	BPSK	25	14	-	Top Side	0mm	Ant 1	DSI 4	158600	793	20.33	21.4	1.279	100	1.000	0.04	0.026	0.033
	FR1 n14	10M	BPSK	1	1	-	Bottom Side	0mm	Ant 1	DSI 4	158600	793	20.35	21.4	1.274	100	1.000	-0.01	0.017	0.022
	FR1 n14	10M	BPSK	25	14	-	Bottom Side	0mm	Ant 1	DSI 4	158600	793	20.33	21.4	1.279	100	1.000	-0.08	0.014	0.018
132	FR1 n25	40M	BPSK	1	1	-	Back Top	0mm	Ant 3	DSI 12	376500	1882.5	13.95	15.1	1.303	100	1.000	-0.08	0.995	1.296
	FR1 n25	40M	BPSK	108	54	-	Back Top	0mm	Ant 3	DSI 12	376500	1882.5	13.94	15.1	1.306	100	1.000	0.02	0.741	0.968
	FR1 n25	40M	BPSK	216	0	-	Back Top	0mm	Ant 3	DSI 12	376500	1882.5	13.92	15.1	1.312	100	1.000	-0.13	0.718	0.942
	FR1 n25	40M	BPSK	1	1	-	Top Side	0mm	Ant 3	DSI 12	376500	1882.5	13.95	15.1	1.303	100	1.000	0.14	0.707	0.921
	FR1 n25	40M	BPSK	108	54	-	Top Side	0mm	Ant 3	DSI 12	376500	1882.5	13.94	15.1	1.306	100	1.000	-0.16	0.732	0.956
	FR1 n25	40M	BPSK	216	0	-	Top Side	0mm	Ant 3	DSI 12	376500	1882.5	13.92	15.1	1.312	100	1.000	-0.06	0.694	0.911
	FR1 n25	40M	BPSK	1	1	-	Back Top	11mm	Ant 3	DSI 4	376500	1882.5	23.32	24	1.169	100	1.000	-0.13	0.856	1.001
	FR1 n25	40M	BPSK	108	54	-	Back Top	11mm	Ant 3	DSI 4	376500	1882.5	23.2	24	1.202	100	1.000	-0.04	0.801	0.963
	FR1 n25	40M	BPSK	216	0	-	Back Top	11mm	Ant 3	DSI 4	376500	1882.5	23.18	24	1.208	100	1.000	-0.03	0.755	0.912
	FR1 n25	40M	BPSK	1	1	-	Top Side	15mm	Ant 3	DSI 4	376500	1882.5	23.32	24	1.169	100	1.000	0.06	0.373	0.436
	FR1 n25	40M	BPSK	108	54	-	Top Side	15mm	Ant 3	DSI 4	376500	1882.5	23.2	24	1.202	100	1.000	-0.01	0.365	0.439
	FR1 n25	40M	BPSK	1	1	-	Back	0mm	Ant 2	DSI 12	376500	1882.5	13.71	14.8	1.285	100	1.000	0.01	0.765	0.983
	FR1 n25	40M	BPSK	108	54	-	Back	0mm	Ant 2	DSI 12	376500	1882.5	13.68	14.8	1.294	100	1.000	0.16	0.895	1.158
	FR1 n25	40M	BPSK	216	0	-	Back	0mm	Ant 2	DSI 12	376500	1882.5	13.6	14.8	1.318	100	1.000	0.01	0.980	1.292
	FR1 n25	40M	BPSK	1	1	-	Right Side	0mm	Ant 2	DSI 12	376500	1882.5	13.71	14.8	1.285	100	1.000	0.05	0.044	0.057
	FR1 n25	40M	BPSK	108	54	-	Right Side	0mm	Ant 2	DSI 12	376500	1882.5	13.68	14.8	1.294	100	1.000	-0.04	0.044	0.057
	FR1 n25	40M	BPSK	1	1	-	Bottom Side	0mm	Ant 2	DSI 12	376500	1882.5	13.71	14.8	1.285	100	1.000	0.08	0.631	0.811
	FR1 n25	40M	BPSK	108	54	-	Bottom Side	0mm	Ant 2	DSI 12	376500	1882.5	13.68	14.8	1.294	100	1.000	-0.08	0.623	0.806
	FR1 n25	40M	BPSK	216	0	-	Bottom Side	0mm	Ant 2	DSI 12	376500	1882.5	13.6	14.8	1.318	100	1.000	-0.07	0.600	0.791
	FR1 n25	40M	BPSK	1	1	-	Back	15mm	Ant 2	DSI 4	376500	1882.5	22.73	24	1.340	100	1.000	-0.13	0.450	0.603
	FR1 n25	40M	BPSK	108	54	-	Back	15mm	Ant 2	DSI 4	376500	1882.5	22.69	24	1.352	100	1.000	-0.04	0.425	0.575
	FR1 n25	40M	BPSK	1	1	-	Right Side	19mm	Ant 2	DSI 4	376500	1882.5	22.73	24	1.340	100	1.000	-0.02	0.051	0.068
	FR1 n25	40M	BPSK	108	54	-	Right Side	19mm	Ant 2	DSI 4	376500	1882.5	22.69	24	1.352	100	1.000	0.06	0.045	0.061
	FR1 n25	40M	BPSK	1	1	-	Bottom Side	14mm	Ant 2	DSI 4	376500	1882.5	22.73	24	1.340	100	1.000	0	0.833	1.116
	FR1 n25	40M	BPSK	108	54	-	Bottom Side	14mm	Ant 2	DSI 4	376500	1882.5	22.69	24	1.352	100	1.000	0.02	0.805	1.088
	FR1 n25	40M	BPSK	216	0	-	Bottom Side	14mm	Ant 2	DSI 4	376500	1882.5	22.65	24	1.365	100	1.000	-0.07	0.813	1.11
133	FR1 n26	20M	BPSK	1	1	-	Back	0mm	Ant 0	DSI 12	166300	831.5	19.89	21.4	1.416	100	1.000	0.01	0.910	1.289
	FR1 n26	20M	BPSK	50	28	-	Back	0mm	Ant 0	DSI 12	166300	831.5	19.88	21.4	1.419	100	1.000	0.03	0.846	1.2
	FR1 n26	20M	BPSK	100	0	-	Back	0mm	Ant 0	DSI 12	166300	831.5	19.79	21.4	1.449	100	1.000	0.02	0.805	1.166
	FR1 n26	20M	BPSK	1	1	-	Right Side	0mm	Ant 0	DSI 12	166300	831.5	19.89	21.4	1.416	100	1.000	-0.17	0.626	0.886
	FR1 n26	20M	BPSK	50	28	-	Right Side	0mm	Ant 0	DSI 12	166300	831.5	19.88	21.4	1.419	100	1.000	-0.15	0.581	0.824
	FR1 n26	20M	BPSK	100	0	-	Right Side	0mm	Ant 0	DSI 12	166300	831.5	19.79	21.4	1.449	100	1.000	0.03	0.602	0.872
	FR1 n26	20M	BPSK	1	1	-	Bottom Side	0mm	Ant 0	DSI 12	166300	831.5	19.89	21.4	1.416	100	1.000	-0.19	0.601	0.851
	FR1 n26	20M	BPSK	50	28	-	Bottom Side	0mm	Ant 0	DSI 12	166300	831.5	19.88	21.4	1.419	100	1.000	0.05	0.631	0.895
	FR1 n26	20M	BPSK	100	0	-	Bottom Side	0mm	Ant 0	DSI 12	166300	831.5	19.79	21.4	1.449	100	1.000	0.02	0.558	0.809
	FR1 n26	20M	BPSK	1	1	-	Back	15mm	Ant 0	DSI 4	166300	831.5	23.32	24	1.169	100	1.000	-0.12	0.178	0.208
	FR1 n26	20M	BPSK	50	28	-	Back	15mm	Ant 0	DSI 4	166300	831.5	23.3	24	1.175	100	1.000	-0.05	0.156	0.183
	FR1 n26	20M	BPSK	1	1	-	Right Side	19mm	Ant 0	DSI 4	166300	831.5	23.32	24	1.169	100	1.000	-0.04	0.156	0.182
	FR1 n26	20M	BPSK	50	28	-	Right Side	19mm	Ant 0	DSI 4	166300	831.5	23.3	24	1.175	100	1.000	0.06	0.141	0.166
	FR1 n26	20M	BPSK	1	1	-	Bottom Side	14mm	Ant 0	DSI 4	166300	831.5	23.32	24	1.169	100	1.000	0	0.185	0.216
	FR1 n26	20M	BPSK	50	28	-	Bottom Side	14mm	Ant 0	DSI 4	166300	831.5	23.3	24	1.175	100	1.000	0.04	0.135	0.159
	FR1 n26	20M	BPSK	1	1	-	Back Right	0mm	Ant 1	DSI 4	166300	831.5	19.47	20.8	1.358	100	1.000	0.01	0.936	1.271
	FR1 n26	20M	BPSK	50	28	-	Back Right	0mm	Ant 1	DSI 4	166300	831.5	19.44	20.8	1.368	100	1.000	0.11	0.878	1.201
	FR1 n26	20M	BPSK	100	0	-	Back Right	0mm	Ant 1	DSI 4	166300	831.5	19.32	20.8	1.406	100	1.000	0.02	0.901	1.267
	FR1 n26	20M	BPSK	1	1	-	Back 1	0mm	Ant 1	DSI 4	166300	831.5	19.47	20.8	1.358	100	1.000	-0.11	0.234	0.318
	FR1 n26	20M	BPSK	50	28	-	Back 1	0mm	Ant 1	DSI 4	166300	831.5	19.44	20.8	1.368	100	1.000	-0.12	0.240	0.328
	FR1 n26	20M	BPSK	1	1	-	Left Side	0mm	Ant 1	DSI 4	166300	831.5	19.47	20.8	1.358	100	1.000	-0.06	0.011	0.015
	FR1 n26	20M	BPSK	50	28	-	Left Side	0mm	Ant 1	DSI 4	166300	831.5	19.44	20.8	1.368	100	1.000	-0.06	0.010	0.014
	FR1 n26	20M	BPSK	1	1	-	Right Side	0mm	Ant 1	DSI 4	166300	831.5	19.47	20.8	1.358	100	1.000	-0.07	0.874	1.187
	FR1 n26	20M	BPSK	50	28	-	Right Side	0mm	Ant 1	DSI 4	166300	831.5	19.44	20.8	1.368	100	1.000	-0.02	0.864	1.182
	FR1 n26	20M	BPSK	100	0	-	Right Side	0mm	Ant 1	DSI 4	166300	831.5	19.32	20.8	1.406	100	1.000	0.02	0.821	1.154
	FR1 n26	20M	BPSK	1	1	-	Top Side	0mm	Ant 1	DSI 4	166300	831.5	19.47	20.8	1.358	100	1.000	-0.05	0.008	0.011
	FR1 n26	20M	BPSK	50	28	-	Top Side	0mm	Ant 1	DSI 4	166300	831.5	19.44	20.8	1.368	100	1.000	0.04	0.005	0.007
	FR1 n26	20M	BPSK	1	1	-	Bottom Side	0mm	Ant 1	DSI 4	166300	831.5	19.47	20.8	1.358	100	1.000	0.16	0.012	0.016
	FR1 n26	20M	BPSK	50	28	-	Bottom Side	0mm	Ant 1	DSI 4	166300	831.5	19.44	20.8	1.368	100	1.000	0.01	0.011	0.015
	FR1 n30	10M	BPSK	1	1	-	Back Top	0mm	Ant 3	DSI 12	462000	2310	14.51	15.6	1.285	100	1.000	0.01	0.953	1.225
	FR1 n30	10M	BPSK	25	14	-	Back Top	0mm	Ant 3	DSI 12	462000	2310	14.49	15.6	1.291	100	1.000	0.02	0.984	1.27
	FR1 n30	10M	BPSK	50	0	-	Back Top	0mm	Ant 3	DSI 12	462000	2310	14.38	15.6	1.324	100	1.000	0.07	0.965	1.278
	FR1 n30	10M	BPSK	1	1	-	Top Side	0mm	Ant 3	DSI 12	462000	2310	14.51	15.6	1.285	100	1.000	0.08	0.921	1.183
	FR1 n30	10M	BPSK	25	14	-	Top Side	0mm	Ant 3	DSI 12	462000	2310	14.49	15.6	1.291	100	1.000	0.03	0.993	1.282
	FR1 n30	10M	BPSK	50	0	-	Top Side	0mm	Ant 3	DSI 12	462000	2310	14.38	15.6	1.324	100	1.000	-0.12	0.948	1.255
	FR1 n30	10M	BPSK	1	1	-	Back Top	11mm	Ant 3	DSI 4	462000	2310	23.5	24	1.122	100	1.000	0.02	0.563	0.632
	FR1 n30	10M	BPSK	25	14	-	Back Top	11mm	Ant 3	DSI 4	462000	2310	23.47	24	1.130	100	1.000	0.03	0.456	0.515
	FR1 n30	10M	BPSK	1	1	-	Top													



FCC SAR Test Report

Report No. : FA5N1310

	FR1 n30	10M	BPSK	25	14	-	Right Side	0mm	Ant 2	DSI 12	462000	2310	14.58	15.7	1.294	100	1.000	0.03	0.039	0.05
	FR1 n30	10M	BPSK	1	1	-	Bottom Side	0mm	Ant 2	DSI 12	462000	2310	14.59	15.7	1.291	100	1.000	0.14	0.827	1.068
134	FR1 n30	10M	BPSK	25	14	-	Bottom Side	0mm	Ant 2	DSI 12	462000	2310	14.58	15.7	1.294	100	1.000	-0.01	0.997	1.29
	FR1 n30	10M	BPSK	50	0	-	Bottom Side	0mm	Ant 2	DSI 12	462000	2310	14.49	15.7	1.321	100	1.000	0.06	0.889	1.174
	FR1 n30	10M	BPSK	1	1	-	Back	15mm	Ant 2	DSI 4	462000	2310	23.06	24	1.242	100	1.000	-0.13	0.328	0.407
	FR1 n30	10M	BPSK	25	14	-	Back	15mm	Ant 2	DSI 4	462000	2310	23.04	24	1.247	100	1.000	-0.05	0.258	0.322
	FR1 n30	10M	BPSK	1	1	-	Right Side	19mm	Ant 2	DSI 4	462000	2310	23.06	24	1.242	100	1.000	-0.02	0.001	0.001
	FR1 n30	10M	BPSK	25	14	-	Right Side	19mm	Ant 2	DSI 4	462000	2310	23.04	24	1.247	100	1.000	0.06	0.001	0.001
	FR1 n30	10M	BPSK	1	1	-	Bottom Side	14mm	Ant 2	DSI 4	462000	2310	23.06	24	1.242	100	1.000	0.01	0.617	0.766
	FR1 n30	10M	BPSK	25	14	-	Bottom Side	14mm	Ant 2	DSI 4	462000	2310	23.04	24	1.247	100	1.000	0.03	0.559	0.697
	FR1 n30	10M	BPSK	1	1	-	Back Right	0mm	Ant 4	DSI 12	462000	2310	14.81	16.2	1.377	100	1.000	0.05	0.871	1.199
	FR1 n30	10M	BPSK	25	14	-	Back Right	0mm	Ant 4	DSI 12	462000	2310	14.79	16.2	1.384	100	1.000	-0.09	0.815	1.128
	FR1 n30	10M	BPSK	50	0	-	Back Right	0mm	Ant 4	DSI 12	462000	2310	14.67	16.2	1.422	100	1.000	-0.04	0.900	1.28
	FR1 n30	10M	BPSK	1	1	-	Right Side	0mm	Ant 4	DSI 12	462000	2310	14.81	16.2	1.377	100	1.000	-0.08	0.930	1.281
	FR1 n30	10M	BPSK	25	14	-	Right Side	0mm	Ant 4	DSI 12	462000	2310	14.79	16.2	1.384	100	1.000	-0.12	0.711	0.984
	FR1 n30	10M	BPSK	50	0	-	Right Side	0mm	Ant 4	DSI 12	462000	2310	14.67	16.2	1.422	100	1.000	0.04	0.759	1.079
	FR1 n30	10M	BPSK	1	1	-	Top Side	0mm	Ant 4	DSI 12	462000	2310	14.81	16.2	1.377	100	1.000	0.01	0.091	0.125
	FR1 n30	10M	BPSK	25	14	-	Top Side	0mm	Ant 4	DSI 12	462000	2310	14.79	16.2	1.384	100	1.000	0.04	0.072	0.1
	FR1 n30	10M	BPSK	1	1	-	Back Right	9mm	Ant 4	DSI 4	462000	2310	22.25	23	1.189	100	1.000	-0.13	0.243	0.289
	FR1 n30	10M	BPSK	25	14	-	Back Right	9mm	Ant 4	DSI 4	462000	2310	22.22	23	1.197	100	1.000	-0.06	0.225	0.269
	FR1 n30	10M	BPSK	1	1	-	Right Side	15mm	Ant 4	DSI 4	462000	2310	22.25	23	1.189	100	1.000	-0.03	0.087	0.103
	FR1 n30	10M	BPSK	25	14	-	Right Side	15mm	Ant 4	DSI 4	462000	2310	22.22	23	1.197	100	1.000	0.06	0.081	0.097
	FR1 n30	10M	BPSK	1	1	-	Top Side	9mm	Ant 4	DSI 4	462000	2310	22.25	23	1.189	100	1.000	0	0.185	0.22
	FR1 n30	10M	BPSK	25	14	-	Top Side	9mm	Ant 4	DSI 4	462000	2310	22.22	23	1.197	100	1.000	0.02	0.175	0.209
	FR1 n30	10M	BPSK	1	1	-	Back	0mm	Ant 0	DSI 12	462000	2310	14.35	15.3	1.245	100	1.000	0.02	0.991	1.234
	FR1 n30	10M	BPSK	25	14	-	Back	0mm	Ant 0	DSI 12	462000	2310	14.34	15.3	1.247	100	1.000	-0.04	0.738	0.92
	FR1 n30	10M	BPSK	50	0	-	Back	0mm	Ant 0	DSI 12	462000	2310	14.29	15.3	1.262	100	1.000	0.01	1.020	1.287
	FR1 n30	10M	BPSK	1	1	-	Right Side	0mm	Ant 0	DSI 12	462000	2310	14.35	15.3	1.245	100	1.000	0.02	0.220	0.274
	FR1 n30	10M	BPSK	25	14	-	Right Side	0mm	Ant 0	DSI 12	462000	2310	14.34	15.3	1.247	100	1.000	0.07	0.215	0.268
	FR1 n30	10M	BPSK	1	1	-	Bottom Side	0mm	Ant 0	DSI 12	462000	2310	14.35	15.3	1.245	100	1.000	0	0.419	0.522
	FR1 n30	10M	BPSK	25	14	-	Bottom Side	0mm	Ant 0	DSI 12	462000	2310	14.34	15.3	1.247	100	1.000	-0.03	0.478	0.596
	FR1 n30	10M	BPSK	1	1	-	Back	15mm	Ant 0	DSI 4	462000	2310	22.36	24	1.459	100	1.000	-0.13	0.191	0.279
	FR1 n30	10M	BPSK	25	14	-	Back	15mm	Ant 0	DSI 4	462000	2310	22.34	24	1.466	100	1.000	-0.05	0.156	0.229
	FR1 n30	10M	BPSK	1	1	-	Right Side	19mm	Ant 0	DSI 4	462000	2310	22.36	24	1.459	100	1.000	-0.02	0.094	0.137
	FR1 n30	10M	BPSK	25	14	-	Right Side	19mm	Ant 0	DSI 4	462000	2310	22.34	24	1.466	100	1.000	0.07	0.152	0.223
	FR1 n30	10M	BPSK	1	1	-	Bottom Side	14mm	Ant 0	DSI 4	462000	2310	22.36	24	1.459	100	1.000	-0.01	0.253	0.369
	FR1 n30	10M	BPSK	25	14	-	Bottom Side	14mm	Ant 0	DSI 4	462000	2310	22.34	24	1.466	100	1.000	0.02	0.235	0.345
	FR1 n66	45M	BPSK	1	1	-	Back Top	0mm	Ant 3	DSI 12	349000	1745	14.71	15.7	1.256	100	1.000	0.01	1.010	1.269
	FR1 n66	45M	BPSK	120	60	-	Back Top	0mm	Ant 3	DSI 12	349000	1745	14.69	15.7	1.262	100	1.000	-0.09	1.010	1.275
	FR1 n66	45M	BPSK	240	0	-	Back Top	0mm	Ant 3	DSI 12	349000	1745	14.57	15.2	1.156	100	1.000	0.02	0.965	1.116
	FR1 n66	45M	BPSK	1	1	-	Top Side	0mm	Ant 3	DSI 12	349000	1745	14.71	15.7	1.256	100	1.000	0.13	0.878	1.103
	FR1 n66	45M	BPSK	120	60	-	Top Side	0mm	Ant 3	DSI 12	349000	1745	14.69	15.7	1.262	100	1.000	0.01	0.777	0.981
	FR1 n66	45M	BPSK	240	0	-	Top Side	0mm	Ant 3	DSI 12	349000	1745	14.57	15.2	1.156	100	1.000	-0.1	0.763	0.882
	FR1 n66	45M	BPSK	1	1	-	Back Top	11mm	Ant 3	DSI 4	349000	1745	23.62	24	1.091	100	1.000	0.02	0.362	0.395
	FR1 n66	45M	BPSK	120	60	-	Back Top	11mm	Ant 3	DSI 4	349000	1745	23.58	24	1.102	100	1.000	0.01	0.351	0.387
	FR1 n66	45M	BPSK	1	1	-	Top Side	15mm	Ant 3	DSI 4	349000	1745	23.62	24	1.091	100	1.000	0.03	0.507	0.553
	FR1 n66	45M	BPSK	120	60	-	Top Side	15mm	Ant 3	DSI 4	349000	1745	23.58	24	1.102	100	1.000	0.02	0.501	0.552
135	FR1 n66	45M	BPSK	1	1	-	Back	0mm	Ant 2	DSI 12	349000	1745	14.15	15.1	1.245	100	1.000	0.01	1.030	1.282
	FR1 n66	45M	BPSK	120	60	-	Back	0mm	Ant 2	DSI 12	349000	1745	14.13	15.1	1.250	100	1.000	-0.05	0.934	1.168
	FR1 n66	45M	BPSK	240	0	-	Back	0mm	Ant 2	DSI 12	349000	1745	14.07	15.1	1.268	100	1.000	0.07	0.897	1.137
	FR1 n66	45M	BPSK	1	1	-	Right Side	0mm	Ant 2	DSI 12	349000	1745	14.15	15.1	1.245	100	1.000	-0.05	0.147	0.183
	FR1 n66	45M	BPSK	120	60	-	Right Side	0mm	Ant 2	DSI 12	349000	1745	14.13	15.1	1.250	100	1.000	-0.06	0.030	0.038
	FR1 n66	45M	BPSK	1	1	-	Bottom Side	0mm	Ant 2	DSI 12	349000	1745	14.15	15.1	1.245	100	1.000	-0.08	0.652	0.812
	FR1 n66	45M	BPSK	120	60	-	Bottom Side	0mm	Ant 2	DSI 12	349000	1745	14.13	15.1	1.250	100	1.000	0.1	0.612	0.765
	FR1 n66	45M	BPSK	240	0	-	Bottom Side	0mm	Ant 2	DSI 12	349000	1745	14.07	15.1	1.268	100	1.000	0.15	0.594	0.753
	FR1 n66	45M	BPSK	1	1	-	Back	15mm	Ant 2	DSI 4	349000	1745	22.99	24	1.262	100	1.000	-0.13	0.509	0.642
	FR1 n66	45M	BPSK	120	60	-	Back	15mm	Ant 2	DSI 4	349000	1745	22.95	24	1.274	100	1.000	-0.05	0.510	0.65
	FR1 n66	45M	BPSK	1	1	-	Right Side	19mm	Ant 2	DSI 4	349000	1745	22.99	24	1.262	100	1.000	-0.03	0.066	0.083
	FR1 n66	45M	BPSK	120	60	-	Right Side	19mm	Ant 2	DSI 4	349000	1745	22.95	24	1.274	100	1.000	0.06	0.056	0.071
	FR1 n66	45M	BPSK	1	1	-	Bottom Side	14mm	Ant 2	DSI 4	349000	1745	22.99	24	1.262	100	1.000	0	0.867	1.094
	FR1 n66	45M	BPSK	120	60	-	Bottom Side	14mm	Ant 2	DSI 4	349000	1745	22.95	24	1.274	100	1.000	0.02	0.835	1.064
	FR1 n66	45M	BPSK	240	0	-	Bottom Side	14mm	Ant 2	DSI 4	349000	1745	22.69	24	1.352	100	1.000	-0.08	0.735	0.994
	FR1 n70	15M	BPSK	1	1	-	Back Top	0mm	Ant 3	DSI 12	340500	1702.5	15.21	16.4	1.315	100	1.000	0.02	0.975	1.282
	FR1 n70	15M	BPSK	36	22	-	Back Top	0mm	Ant 3	DSI 12	340500	1702.5	15.19	16.4	1.321	100	1.000	0.01	0.974	1.287
	FR1 n70	15M	BPSK	75	0	-	Back Top	0mm	Ant 3	DSI 12	340500	1702.5	15.18	16.4	1.324	100	1.000	-0.07	0.931	1.233
	FR1 n70	15M	BPSK	1	1	-	Top Side	0mm	Ant 3	DSI 12	340500	1702.5	15.21	16.4	1.315	100	1.000	-0.18	0.847	1.114
	FR1 n70	15M	BPSK	36	22	-	Top Side	0mm	Ant 3	DSI 12	340500	1702.5	15.19	16.4	1.321	100	1.000	-0.05	0.750	0.991
	FR1 n70	15M	BPSK	75	0	-	Top Side	0mm	Ant 3	DSI 12	340500	1702.5	15.18	16.4	1.324	100	1.000	-0.13	0.737	0.976
	FR1 n70	15M	BPSK	1	1	-	Back Top	11mm	Ant 3	DSI 4	340500	1702.5	23.61	24	1.094					



FCC SAR Test Report

Report No. : FA5N1310

	FR1 n70	15M	BPSK	1	1	-	Right Side	0mm	Ant 2	DSI 12	340500	1702.5	14.41	15.7	1.346	100	1.000	0.01	0.044	0.059
	FR1 n70	15M	BPSK	36	22	-	Right Side	0mm	Ant 2	DSI 12	340500	1702.5	14.39	15.7	1.352	100	1.000	0	0.028	0.038
	FR1 n70	15M	BPSK	1	1	-	Bottom Side	0mm	Ant 2	DSI 12	340500	1702.5	14.41	15.7	1.346	100	1.000	-0.06	0.599	0.806
	FR1 n70	15M	BPSK	36	22	-	Bottom Side	0mm	Ant 2	DSI 12	340500	1702.5	14.39	15.7	1.352	100	1.000	0.17	0.571	0.772
	FR1 n70	15M	BPSK	75	0	-	Bottom Side	0mm	Ant 2	DSI 12	340500	1702.5	14.35	15.7	1.365	100	1.000	-0.11	0.554	0.756
	FR1 n70	15M	BPSK	1	1	-	Back	15mm	Ant 2	DSI 4	340500	1702.5	23.26	24	1.186	100	1.000	-0.13	0.498	0.591
	FR1 n70	15M	BPSK	36	22	-	Back	15mm	Ant 2	DSI 4	340500	1702.5	23.18	24	1.208	100	1.000	-0.04	0.451	0.545
	FR1 n70	15M	BPSK	1	1	-	Right Side	19mm	Ant 2	DSI 4	340500	1702.5	23.26	24	1.186	100	1.000	-0.03	0.065	0.077
	FR1 n70	15M	BPSK	36	22	-	Right Side	19mm	Ant 2	DSI 4	340500	1702.5	23.18	24	1.208	100	1.000	0.07	0.061	0.074
	FR1 n70	15M	BPSK	1	1	-	Bottom Side	14mm	Ant 2	DSI 4	340500	1702.5	23.26	24	1.186	100	1.000	0	0.759	0.9
	FR1 n70	15M	BPSK	36	22	-	Bottom Side	14mm	Ant 2	DSI 4	340500	1702.5	23.18	24	1.208	100	1.000	0.03	0.745	0.9
	FR1 n70	15M	BPSK	75	0	-	Bottom Side	14mm	Ant 2	DSI 4	340500	1702.5	23.04	23.5	1.112	100	1.000	-0.07	0.701	0.78
	FR1 n71	35M	BPSK	1	1	-	Back	0mm	Ant 0	DSI 12	136100	680.5	21.51	23	1.409	100	1.000	0.02	0.520	0.733
	FR1 n71	35M	BPSK	90	45	-	Back	0mm	Ant 0	DSI 12	136100	680.5	21.49	23	1.416	100	1.000	0.07	0.487	0.69
	FR1 n71	35M	BPSK	1	1	-	Right Side	0mm	Ant 0	DSI 12	136100	680.5	21.51	23	1.409	100	1.000	0.03	0.599	0.844
	FR1 n71	35M	BPSK	90	45	-	Right Side	0mm	Ant 0	DSI 12	136100	680.5	21.49	23	1.416	100	1.000	0.03	0.610	0.864
	FR1 n71	35M	BPSK	180	0	-	Right Side	0mm	Ant 0	DSI 12	136100	680.5	21.45	23	1.429	100	1.000	0.02	0.581	0.83
	FR1 n71	35M	BPSK	1	1	-	Bottom Side	0mm	Ant 0	DSI 12	136100	680.5	21.51	23	1.409	100	1.000	0.02	0.907	1.278
	FR1 n71	35M	BPSK	90	45	-	Bottom Side	0mm	Ant 0	DSI 12	136100	680.5	21.49	23	1.416	100	1.000	0.15	0.901	1.276
	FR1 n71	35M	BPSK	180	0	-	Bottom Side	0mm	Ant 0	DSI 12	136100	680.5	21.45	23	1.429	100	1.000	0.02	0.856	1.223
	FR1 n71	35M	BPSK	1	1	-	Back	15mm	Ant 0	DSI 4	136100	680.5	23.43	24	1.140	100	1.000	-0.13	0.218	0.249
	FR1 n71	35M	BPSK	90	45	-	Back	15mm	Ant 0	DSI 4	136100	680.5	23.41	24	1.146	100	1.000	-0.04	0.205	0.235
	FR1 n71	35M	BPSK	1	1	-	Right Side	19mm	Ant 0	DSI 4	136100	680.5	23.43	24	1.140	100	1.000	-0.04	0.199	0.227
	FR1 n71	35M	BPSK	90	45	-	Right Side	19mm	Ant 0	DSI 4	136100	680.5	23.41	24	1.146	100	1.000	0.06	0.153	0.175
	FR1 n71	35M	BPSK	1	1	-	Bottom Side	14mm	Ant 0	DSI 4	136100	680.5	23.43	24	1.140	100	1.000	0.01	0.256	0.292
	FR1 n71	35M	BPSK	90	45	-	Bottom Side	14mm	Ant 0	DSI 4	136100	680.5	23.41	24	1.146	100	1.000	0.03	0.236	0.27
	FR1 n71	35M	BPSK	1	1	-	Back Right	0mm	Ant 1	DSI 4	136100	680.5	19.83	21	1.309	100	1.000	0.02	0.970	1.27
	FR1 n71	35M	BPSK	90	45	-	Back Right	0mm	Ant 1	DSI 4	136100	680.5	19.82	21	1.312	100	1.000	0.06	0.949	1.245
	FR1 n71	35M	BPSK	180	0	-	Back Right	0mm	Ant 1	DSI 4	136100	680.5	19.76	21	1.330	100	1.000	0.03	0.906	1.205
	FR1 n71	35M	BPSK	1	1	-	Back 1	0mm	Ant 1	DSI 4	136100	680.5	19.83	21	1.309	100	1.000	-0.03	0.275	0.36
	FR1 n71	35M	BPSK	90	45	-	Back 1	0mm	Ant 1	DSI 4	136100	680.5	19.82	21	1.312	100	1.000	-0.17	0.267	0.35
	FR1 n71	35M	BPSK	1	1	-	Left Side	0mm	Ant 1	DSI 4	136100	680.5	19.83	21	1.309	100	1.000	-0.11	0.012	0.016
	FR1 n71	35M	BPSK	90	45	-	Left Side	0mm	Ant 1	DSI 4	136100	680.5	19.82	21	1.312	100	1.000	0.1	0.011	0.014
137	FR1 n71	35M	BPSK	1	1	-	Right Side	0mm	Ant 1	DSI 4	136100	680.5	19.83	21	1.309	100	1.000	0.07	0.980	1.283
	FR1 n71	35M	BPSK	90	45	-	Right Side	0mm	Ant 1	DSI 4	136100	680.5	19.82	21	1.312	100	1.000	0.11	0.888	1.165
	FR1 n71	35M	BPSK	180	0	-	Right Side	0mm	Ant 1	DSI 4	136100	680.5	19.76	21	1.330	100	1.000	0.02	0.956	1.271
	FR1 n71	35M	BPSK	1	1	-	Top Side	0mm	Ant 1	DSI 4	136100	680.5	19.83	21	1.309	100	1.000	0.04	0.013	0.017
	FR1 n71	35M	BPSK	90	45	-	Top Side	0mm	Ant 1	DSI 4	136100	680.5	19.82	21	1.312	100	1.000	-0.03	0.012	0.016
	FR1 n71	35M	BPSK	1	1	-	Bottom Side	0mm	Ant 1	DSI 4	136100	680.5	19.83	21	1.309	100	1.000	0.03	0.013	0.017
	FR1 n71	35M	BPSK	90	45	-	Bottom Side	0mm	Ant 1	DSI 4	136100	680.5	19.82	21	1.312	100	1.000	-0.12	0.011	0.014
	FR1 n41	100M	BPSK	1	1	-	Back Top	0mm	Ant 3	DSI 12	518598	2592.99	12.11	13.6	1.409	100	1.000	-0.17	0.830	1.169
	FR1 n41	100M	BPSK	135	69	-	Back Top	0mm	Ant 3	DSI 12	518598	2592.99	12.1	13.6	1.413	100	1.000	-0.09	0.656	0.927
	FR1 n41	100M	BPSK	270	0	-	Back Top	0mm	Ant 3	DSI 12	518598	2592.99	12.06	13.6	1.426	100	1.000	0.01	0.711	1.014
	FR1 n41	100M	BPSK	1	1	-	Top Side	0mm	Ant 3	DSI 12	518598	2592.99	12.11	13.6	1.409	100	1.000	0.06	0.790	1.113
	FR1 n41	100M	BPSK	135	69	-	Top Side	0mm	Ant 3	DSI 12	518598	2592.99	12.1	13.6	1.413	100	1.000	-0.01	0.909	1.284
	FR1 n41	100M	BPSK	270	0	-	Top Side	0mm	Ant 3	DSI 12	518598	2592.99	12.06	13.6	1.426	100	1.000	-0.05	0.738	1.052
	FR1 n41_HPUE	100M	BPSK	135	69	-	Top Side	0mm	Ant 3	DSI 12	518598	2592.99	15.14	16.6	1.400	50	1.000	0.01	0.905	1.267
	FR1 n41	100M	BPSK	1	1	-	Back Top	11mm	Ant 3	DSI 4	518598	2592.99	22.56	23.5	1.242	100	1.000	0.02	0.861	1.069
	FR1 n41	100M	BPSK	135	69	-	Back Top	11mm	Ant 3	DSI 4	518598	2592.99	22.52	23.5	1.253	100	1.000	0.03	0.839	1.051
	FR1 n41	100M	BPSK	270	0	-	Back Top	11mm	Ant 3	DSI 4	518598	2592.99	22.46	23.5	1.271	100	1.000	0.05	0.805	1.023
	FR1 n41	100M	BPSK	1	1	-	Top Side	15mm	Ant 3	DSI 4	518598	2592.99	22.56	23.5	1.242	100	1.000	0.04	0.629	0.781
	FR1 n41	100M	BPSK	135	69	-	Top Side	15mm	Ant 3	DSI 4	518598	2592.99	22.52	23.5	1.253	100	1.000	0.01	0.631	0.791
	FR1 n41_HPUE	100M	BPSK	1	1	-	Back Top	11mm	Ant 3	DSI 4	518598	2592.99	25.48	26.5	1.265	50	1.000	0.02	0.835	1.056
	FR1 n41	100M	BPSK	1	1	-	Back	0mm	Ant 2	DSI 12	518598	2592.99	11.73	12.8	1.279	100	1.000	0.03	0.793	1.014
	FR1 n41	100M	BPSK	135	69	-	Back	0mm	Ant 2	DSI 12	518598	2592.99	11.69	12.8	1.291	100	1.000	0.03	0.998	1.288
	FR1 n41	100M	BPSK	270	0	-	Back	0mm	Ant 2	DSI 12	518598	2592.99	11.7	12.8	1.288	100	1.000	0.01	1.000	1.288
	FR1 n41	100M	BPSK	1	1	-	Right Side	0mm	Ant 2	DSI 12	518598	2592.99	11.73	12.8	1.279	100	1.000	0.18	0.038	0.049
	FR1 n41	100M	BPSK	135	69	-	Right Side	0mm	Ant 2	DSI 12	518598	2592.99	11.69	12.8	1.291	100	1.000	0.1	0.033	0.043
	FR1 n41	100M	BPSK	1	1	-	Bottom Side	0mm	Ant 2	DSI 12	518598	2592.99	11.73	12.8	1.279	100	1.000	0.17	0.676	0.865
	FR1 n41	100M	BPSK	135	69	-	Bottom Side	0mm	Ant 2	DSI 12	518598	2592.99	11.69	12.8	1.291	100	1.000	0.19	0.658	0.849
	FR1 n41	100M	BPSK	270	0	-	Bottom Side	0mm	Ant 2	DSI 12	518598	2592.99	11.7	12.8	1.288	100	1.000	0.19	0.648	0.835
	FR1 n41_HPUE	100M	BPSK	270	0	-	Back	0mm	Ant 2	DSI 12	518598	2592.99	14.75	15.8	1.274	50	1.000	0.02	1.000	1.274
	FR1 n41	100M	BPSK	1	1	-	Back	15mm	Ant 2	DSI 4	518598	2592.99	23.21	24	1.199	100	1.000	-0.14	0.058	0.07
	FR1 n41	100M	BPSK	135	69	-	Back	15mm	Ant 2	DSI 4	518598	2592.99	23.19	24	1.205	100	1.000	-0.05	0.045	0.054
	FR1 n41	100M	BPSK	1	1	-	Right Side	19mm	Ant 2	DSI 4	518598	2592.99	23.21	24	1.199	100	1.000	-0.03	0.005	0.006
	FR1 n41	100M	BPSK	135	69	-	Right Side	19mm	Ant 2	DSI 4	518598	2592.99	23.19	24	1.205	100	1.000	0.06	0.004	0.005
	FR1 n41	100M	BPSK	1	1	-	Bottom Side	14mm	Ant 2	DSI 4	518598	2592.99	23.21	24	1.199	100	1.000	0	0.125	0.15
	FR1 n41	100M	BPSK	135	69	-	Bottom Side	14mm	Ant 2	DSI 4	518598	2592.99	23.19	24	1.205	100	1.000	0.04	0.110	0.133
	FR1 n																			



FCC SAR Test Report

Report No. : FA5N1310

	FR1 n41	100M	BPSK	270	0	-	Right Side	0mm	Ant 4	DSI 12	518598	2592.99	13.69	15	1.352	100	1.000	-0.03	0.795	1.075
	FR1 n41	100M	BPSK	1	1	-	Top Side	0mm	Ant 4	DSI 12	518598	2592.99	13.73	15	1.340	100	1.000	-0.16	0.051	0.068
	FR1 n41	100M	BPSK	135	69	-	Top Side	0mm	Ant 4	DSI 12	518598	2592.99	13.72	15	1.343	100	1.000	-0.01	0.062	0.083
	FR1 n41_HPUE	100M	BPSK	135	69	-	Back Right	0mm	Ant 4	DSI 12	518598	2592.99	16.78	18	1.324	50	1.000	-0.1	0.947	1.254
	FR1 n41	100M	BPSK	1	1	-	Back Right	9mm	Ant 4	DSI 4	518598	2592.99	22.18	23	1.208	100	1.000	-0.13	0.368	0.445
	FR1 n41	100M	BPSK	135	69	-	Back Right	9mm	Ant 4	DSI 4	518598	2592.99	22.15	23	1.216	100	1.000	-0.05	0.335	0.407
	FR1 n41	100M	BPSK	1	1	-	Right Side	15mm	Ant 4	DSI 4	518598	2592.99	22.18	23	1.208	100	1.000	-0.04	0.359	0.434
	FR1 n41	100M	BPSK	135	69	-	Right Side	15mm	Ant 4	DSI 4	518598	2592.99	22.15	23	1.216	100	1.000	0.07	0.321	0.39
	FR1 n41	100M	BPSK	1	1	-	Top Side	9mm	Ant 4	DSI 4	518598	2592.99	22.18	23	1.208	100	1.000	0	0.098	0.118
	FR1 n41	100M	BPSK	135	69	-	Top Side	9mm	Ant 4	DSI 4	518598	2592.99	22.15	23	1.216	100	1.000	0.04	0.089	0.108
	FR1 n41_HPUE	100M	BPSK	1	1	-	Back Right	9mm	Ant 4	DSI 4	518598	2592.99	25.02	26	1.253	50	1.000	0.02	0.351	0.44
	FR1 n41	100M	BPSK	1	1	-	Back	0mm	Ant 0	DSI 12	518598	2592.99	19.31	20.4	1.285	100	1.000	-0.14	0.323	0.415
	FR1 n41	100M	BPSK	135	69	-	Back	0mm	Ant 0	DSI 12	518598	2592.99	19.29	20.4	1.291	100	1.000	0.05	0.481	0.621
	FR1 n41	100M	BPSK	1	1	-	Right Side	0mm	Ant 0	DSI 12	518598	2592.99	19.31	20.4	1.285	100	1.000	0.15	0.244	0.314
	FR1 n41	100M	BPSK	135	69	-	Right Side	0mm	Ant 0	DSI 12	518598	2592.99	19.29	20.4	1.291	100	1.000	0.1	0.296	0.382
	FR1 n41	100M	BPSK	1	1	-	Bottom Side	0mm	Ant 0	DSI 12	518598	2592.99	19.31	20.4	1.285	100	1.000	-0.06	0.992	1.275
	FR1 n41	100M	BPSK	135	69	-	Bottom Side	0mm	Ant 0	DSI 12	518598	2592.99	19.29	20.4	1.291	100	1.000	-0.1	0.954	1.232
	FR1 n41	100M	BPSK	270	0	-	Bottom Side	0mm	Ant 0	DSI 12	518598	2592.99	19.16	20.4	1.330	100	1.000	-0.15	0.917	1.22
	FR1 n41_HPUE	100M	BPSK	1	1	-	Bottom Side	0mm	Ant 0	DSI 12	518598	2592.99	22.35	23.4	1.274	50	1.000	0.13	0.979	1.247
	FR1 n41	100M	BPSK	1	1	-	Back	15mm	Ant 0	DSI 4	518598	2592.99	22.71	24	1.346	100	1.000	0.02	0.239	0.322
	FR1 n41	100M	BPSK	135	69	-	Back	15mm	Ant 0	DSI 4	518598	2592.99	22.69	24	1.352	100	1.000	0.01	0.221	0.299
	FR1 n41	100M	BPSK	1	1	-	Right Side	19mm	Ant 0	DSI 4	518598	2592.99	22.71	24	1.346	100	1.000	0.05	0.151	0.203
	FR1 n41	100M	BPSK	135	69	-	Right Side	19mm	Ant 0	DSI 4	518598	2592.99	22.69	24	1.352	100	1.000	0.06	0.145	0.196
	FR1 n41	100M	BPSK	1	1	-	Bottom Side	14mm	Ant 0	DSI 4	518598	2592.99	22.71	24	1.346	100	1.000	0.02	0.439	0.591
	FR1 n41	100M	BPSK	135	69	-	Bottom Side	14mm	Ant 0	DSI 4	518598	2592.99	22.69	24	1.352	100	1.000	0.01	0.451	0.61
	FR1 n41_HPUE	100M	BPSK	135	69	-	Bottom Side	14mm	Ant 0	DSI 4	518598	2592.99	25.71	27	1.346	50	1.000	0	0.445	0.599
	FR1 n48	40M	BPSK	1	1	-	Back	0mm	Ant 2	DSI 12	541666	3624.99	9.81	11.1	1.346	100	1.000	-0.06	0.637	0.857
	FR1 n48	40M	BPSK	1	1	-	Back	0mm	Ant 2	DSI 12	538000	3570	9.75	11.1	1.365	100	1.000	0.1	0.757	1.033
	FR1 n48	40M	BPSK	1	1	-	Back	0mm	Ant 2	DSI 12	545332	3679.98	9.78	11.1	1.355	100	1.000	-0.16	0.786	1.065
139	FR1 n48	40M	BPSK	50	28	-	Back	0mm	Ant 2	DSI 12	541666	3624.99	9.79	11.1	1.352	100	1.000	0.01	0.953	1.288
	FR1 n48	40M	BPSK	50	28	-	Back	0mm	Ant 2	DSI 12	538000	3570	9.77	11.1	1.358	100	1.000	0.07	0.909	1.234
	FR1 n48	40M	BPSK	50	28	-	Back	0mm	Ant 2	DSI 12	545332	3679.98	9.76	11.1	1.361	100	1.000	0.07	0.895	1.218
	FR1 n48	40M	BPSK	100	0	-	Back	0mm	Ant 2	DSI 12	545332	3679.98	9.71	11.1	1.377	100	1.000	0.12	0.888	1.223
	FR1 n48	40M	BPSK	1	1	-	Right Side	0mm	Ant 2	DSI 12	541666	3624.99	9.81	11.1	1.346	100	1.000	-0.11	0.030	0.04
	FR1 n48	40M	BPSK	50	28	-	Right Side	0mm	Ant 2	DSI 12	541666	3624.99	9.79	11.1	1.352	100	1.000	0.16	0.029	0.039
	FR1 n48	40M	BPSK	1	1	-	Bottom Side	0mm	Ant 2	DSI 12	541666	3624.99	9.81	11.1	1.346	100	1.000	0.08	0.778	1.047
	FR1 n48	40M	BPSK	1	1	-	Bottom Side	0mm	Ant 2	DSI 12	538000	3570	9.75	11.1	1.365	100	1.000	0.18	0.764	1.043
	FR1 n48	40M	BPSK	1	1	-	Bottom Side	0mm	Ant 2	DSI 12	545332	3679.98	9.78	11.1	1.355	100	1.000	0.01	0.749	1.015
	FR1 n48	40M	BPSK	50	28	-	Bottom Side	0mm	Ant 2	DSI 12	541666	3624.99	9.79	11.1	1.352	100	1.000	0.14	0.917	1.24
	FR1 n48	40M	BPSK	50	28	-	Bottom Side	0mm	Ant 2	DSI 12	538000	3570	9.77	11.1	1.358	100	1.000	0.14	0.895	1.215
	FR1 n48	40M	BPSK	50	28	-	Bottom Side	0mm	Ant 2	DSI 12	545332	3679.98	9.76	11.1	1.361	100	1.000	-0.11	0.888	1.209
	FR1 n48	40M	BPSK	100	0	-	Bottom Side	0mm	Ant 2	DSI 12	545332	3679.98	9.71	11.1	1.377	100	1.000	0.1	0.880	1.212
	FR1 n48	40M	BPSK	1	1	-	Back	15mm	Ant 2	DSI 4	541666	3624.99	22.75	24	1.334	100	1.000	-0.12	0.443	0.591
	FR1 n48	40M	BPSK	50	28	-	Back	15mm	Ant 2	DSI 4	541666	3624.99	22.71	24	1.346	100	1.000	-0.04	0.405	0.545
	FR1 n48	40M	BPSK	1	1	-	Right Side	19mm	Ant 2	DSI 4	541666	3624.99	22.75	24	1.334	100	1.000	-0.03	0.100	0.133
	FR1 n48	40M	BPSK	50	28	-	Right Side	19mm	Ant 2	DSI 4	541666	3624.99	22.71	24	1.346	100	1.000	0.07	0.098	0.132
	FR1 n48	40M	BPSK	1	1	-	Bottom Side	14mm	Ant 2	DSI 4	541666	3624.99	22.75	24	1.334	100	1.000	0	0.843	1.125
	FR1 n48	40M	BPSK	1	1	-	Bottom Side	14mm	Ant 2	DSI 4	538000	3570	22.62	24	1.374	100	1.000	0.02	0.752	1.033
	FR1 n48	40M	BPSK	1	1	-	Bottom Side	14mm	Ant 2	DSI 4	545332	3679.98	22.69	24	1.352	100	1.000	-0.07	0.765	1.034
	FR1 n48	40M	BPSK	50	28	-	Bottom Side	14mm	Ant 2	DSI 4	541666	3624.99	22.71	24	1.346	100	1.000	0.03	0.773	1.04
	FR1 n48	40M	BPSK	50	28	-	Bottom Side	14mm	Ant 2	DSI 4	538000	3570	22.6	24	1.380	100	1.000	-0.1	0.725	1.001
	FR1 n48	40M	BPSK	50	28	-	Bottom Side	14mm	Ant 2	DSI 4	545332	3679.98	22.66	24	1.361	100	1.000	0.11	0.698	0.95
	FR1 n48	40M	BPSK	100	0	-	Bottom Side	14mm	Ant 2	DSI 4	541666	3624.99	22.64	24	1.368	100	1.000	-0.13	0.661	0.904
	FR1 n48	40M	BPSK	1	1	-	Back Right	0mm	Ant 4	DSI 12	541666	3624.99	13.85	15	1.303	100	1.000	0.01	0.980	1.277
	FR1 n48	40M	BPSK	1	1	-	Back Right	0mm	Ant 4	DSI 12	538000	3570	13.81	15	1.315	100	1.000	-0.1	0.935	1.23
	FR1 n48	40M	BPSK	1	1	-	Back Right	0mm	Ant 4	DSI 12	545332	3679.98	13.83	15	1.309	100	1.000	0.08	0.905	1.185
	FR1 n48	40M	BPSK	50	28	-	Back Right	0mm	Ant 4	DSI 12	541666	3624.99	13.83	15	1.309	100	1.000	0.19	0.823	1.077
	FR1 n48	40M	BPSK	50	28	-	Back Right	0mm	Ant 4	DSI 12	538000	3570	13.79	15	1.321	100	1.000	0.02	0.801	1.058
	FR1 n48	40M	BPSK	50	28	-	Back Right	0mm	Ant 4	DSI 12	545332	3679.98	13.78	15	1.324	100	1.000	0.03	0.756	1.001
	FR1 n48	40M	BPSK	100	0	-	Back Right	0mm	Ant 4	DSI 12	541666	3624.99	13.79	15	1.321	100	1.000	0.01	0.735	0.971
	FR1 n48	40M	BPSK	1	1	-	Right Side	0mm	Ant 4	DSI 12	541666	3624.99	13.85	15	1.303	100	1.000	-0.04	0.652	0.85
	FR1 n48	40M	BPSK	1	1	-	Right Side	0mm	Ant 4	DSI 12	538000	3570	13.81	15	1.315	100	1.000	0.02	0.621	0.817
	FR1 n48	40M	BPSK	1	1	-	Right Side	0mm	Ant 4	DSI 12	545332	3679.98	13.83	15	1.309	100	1.000	0.01	0.605	0.792
	FR1 n48	40M	BPSK	50	28	-	Right Side	0mm	Ant 4	DSI 12	541666	3624.99	13.83	15	1.309	100	1.000	0.16	0.639	0.836
	FR1 n48	40M	BPSK	50	28	-	Right Side	0mm	Ant 4	DSI 12	538000	3570	13.79	15	1.321	100	1.000	0.03	0.625	0.826
	FR1 n48	40M	BPSK	50	28	-	Right Side	0mm	Ant 4	DSI 12	545332	3679.98	13.78	15	1.324	100	1.000	0.02	0.601	0.796
	FR1 n48	40M	BPSK	100	0	-	Right Side	0mm	Ant 4	DSI 12	541666	3624.99	13.79	15	1.321	100	1.000	0.01	0.632	0.835
	FR1 n48	40M	BPSK	1	1	-	Top Side	0mm	Ant 4	DSI 12	541666	3624.99	13.85	15	1.303	100	1.000	-0.07	0.068	0.08



FCC SAR Test Report

Report No. : FA5N1310

	FR1 n48	40M	BPSK	50	28	-	Top Side	9mm	Ant 4	DSI 4	6416663624.99	23.19	24	1.205	100	1.000	0.02	0.125	0.151
	FR1 n48	40M	BPSK	1	1	-	Back Top	0mm	Ant 6	DSI 12	6416663624.99	13.05	14.1	1.274	100	1.000	0.06	0.796	1.014
	FR1 n48	40M	BPSK	1	1	-	Back Top	0mm	Ant 6	DSI 12	638000 3570	13.03	14.1	1.279	100	1.000	0.01	0.999	1.278
	FR1 n48	40M	BPSK	1	1	-	Back Top	0mm	Ant 6	DSI 12	6453323679.98	13.02	14.1	1.282	100	1.000	0.18	0.780	1
	FR1 n48	40M	BPSK	50	28	-	Back Top	0mm	Ant 6	DSI 12	6416663624.99	13.04	14.1	1.276	100	1.000	-0.18	0.913	1.165
	FR1 n48	40M	BPSK	50	28	-	Back Top	0mm	Ant 6	DSI 12	638000 3570	13	14.1	1.288	100	1.000	-0.17	0.898	1.157
	FR1 n48	40M	BPSK	50	28	-	Back Top	0mm	Ant 6	DSI 12	6453323679.98	12.98	14.1	1.294	100	1.000	-0.09	0.874	1.131
	FR1 n48	40M	BPSK	100	0	-	Back Top	0mm	Ant 6	DSI 12	6416663624.99	12.93	14.1	1.309	100	1.000	-0.04	0.882	1.155
	FR1 n48	40M	BPSK	1	1	-	Back Right	0mm	Ant 6	DSI 12	6416663624.99	13.05	14.1	1.274	100	1.000	0.02	0.401	0.511
	FR1 n48	40M	BPSK	50	28	-	Back Right	0mm	Ant 6	DSI 12	6416663624.99	13.04	14.1	1.276	100	1.000	0.01	0.405	0.517
	FR1 n48	40M	BPSK	1	1	-	Right Side	0mm	Ant 6	DSI 4	6416663624.99	23.43	24	1.140	100	1.000	0.03	0.926	1.056
	FR1 n48	40M	BPSK	1	1	-	Right Side	0mm	Ant 6	DSI 4	638000 3570	23.38	24	1.153	100	1.000	0.02	0.901	1.039
	FR1 n48	40M	BPSK	1	1	-	Right Side	0mm	Ant 6	DSI 4	6453323679.98	23.35	24	1.161	100	1.000	0.03	0.899	1.044
	FR1 n48	40M	BPSK	50	28	-	Right Side	0mm	Ant 6	DSI 4	6416663624.99	23.4	24	1.148	100	1.000	0.02	0.903	1.037
	FR1 n48	40M	BPSK	50	28	-	Right Side	0mm	Ant 6	DSI 4	638000 3570	23.36	24	1.159	100	1.000	0.01	0.856	0.992
	FR1 n48	40M	BPSK	50	28	-	Right Side	0mm	Ant 6	DSI 4	6453323679.98	23.33	24	1.167	100	1.000	0.05	0.835	0.974
	FR1 n48	40M	BPSK	100	0	-	Right Side	0mm	Ant 6	DSI 4	6416663624.99	23.39	24	1.151	100	1.000	0.03	0.821	0.945
	FR1 n48	40M	BPSK	1	1	-	Top Side	0mm	Ant 6	DSI 12	6416663624.99	13.05	14.1	1.274	100	1.000	-0.1	0.629	0.801
	FR1 n48	40M	BPSK	1	1	-	Top Side	0mm	Ant 6	DSI 12	638000 3570	13.03	14.1	1.279	100	1.000	0.02	0.605	0.774
	FR1 n48	40M	BPSK	1	1	-	Top Side	0mm	Ant 6	DSI 12	6453323679.98	13.02	14.1	1.282	100	1.000	0.03	0.621	0.796
	FR1 n48	40M	BPSK	50	28	-	Top Side	0mm	Ant 6	DSI 12	6416663624.99	13.04	14.1	1.276	100	1.000	-0.06	0.819	1.045
	FR1 n48	40M	BPSK	50	28	-	Top Side	0mm	Ant 6	DSI 12	638000 3570	13	14.1	1.288	100	1.000	0.02	0.796	1.025
	FR1 n48	40M	BPSK	50	28	-	Top Side	0mm	Ant 6	DSI 12	6453323679.98	12.98	14.1	1.294	100	1.000	0.12	0.804	1.04
	FR1 n48	40M	BPSK	100	0	-	Top Side	0mm	Ant 6	DSI 12	6416663624.99	12.93	14.1	1.309	100	1.000	0.1	0.788	1.031
	FR1 n48	40M	BPSK	1	1	-	Back Top	11mm	Ant 6	DSI 4	6416663624.99	23.43	24	1.140	100	1.000	-0.12	0.884	1.008
	FR1 n48	40M	BPSK	1	1	-	Back Top	11mm	Ant 6	DSI 4	638000 3570	23.38	24	1.153	100	1.000	-0.05	0.801	0.924
	FR1 n48	40M	BPSK	1	1	-	Back Top	11mm	Ant 6	DSI 4	6453323679.98	23.35	24	1.161	100	1.000	-0.04	0.756	0.878
	FR1 n48	40M	BPSK	50	28	-	Back Top	11mm	Ant 6	DSI 4	6416663624.99	23.4	24	1.148	100	1.000	0.06	0.651	0.747
	FR1 n48	40M	BPSK	100	0	-	Back Top	11mm	Ant 6	DSI 4	6416663624.99	23.39	24	1.151	100	1.000	-0.01	0.659	0.759
	FR1 n48	40M	BPSK	1	1	-	Top Side	15mm	Ant 6	DSI 4	6416663624.99	23.43	24	1.140	100	1.000	0.03	0.891	1.016
	FR1 n48	40M	BPSK	1	1	-	Top Side	15mm	Ant 6	DSI 4	638000 3570	23.38	24	1.153	100	1.000	-0.06	0.751	0.866
	FR1 n48	40M	BPSK	1	1	-	Top Side	15mm	Ant 6	DSI 4	6453323679.98	23.35	24	1.161	100	1.000	0.02	0.725	0.842
	FR1 n48	40M	BPSK	50	28	-	Top Side	15mm	Ant 6	DSI 4	6416663624.99	23.4	24	1.148	100	1.000	-0.1	0.656	0.753
	FR1 n48	40M	BPSK	100	0	-	Top Side	15mm	Ant 6	DSI 4	6416663624.99	23.39	24	1.151	100	1.000	0.1	0.601	0.692
	FR1 n48	40M	BPSK	1	1	-	Back Top	0mm	Ant 8	DSI 12	6453323679.98	10.21	11.2	1.256	100	1.000	0.01	0.942	1.183
	FR1 n48	40M	BPSK	1	1	-	Back Top	0mm	Ant 8	DSI 12	638000 3570	10.18	11.2	1.265	100	1.000	-0.12	0.737	0.932
	FR1 n48	40M	BPSK	1	1	-	Back Top	0mm	Ant 8	DSI 12	6453323679.98	10.17	11.2	1.268	100	1.000	0.15	0.776	0.984
	FR1 n48	40M	BPSK	50	28	-	Back Top	0mm	Ant 8	DSI 12	6416663624.99	10.19	11.2	1.262	100	1.000	0.01	1.020	1.287
	FR1 n48	40M	BPSK	50	28	-	Back Top	0mm	Ant 8	DSI 12	638000 3570	10.18	11.2	1.265	100	1.000	-0.1	1.000	1.265
	FR1 n48	40M	BPSK	50	28	-	Back Top	0mm	Ant 8	DSI 12	6453323679.98	10.17	11.2	1.268	100	1.000	0.1	0.970	1.23
	FR1 n48	40M	BPSK	100	0	-	Back Top	0mm	Ant 8	DSI 12	6416663624.99	10.15	11.2	1.274	100	1.000	0.13	0.776	0.989
	FR1 n48	40M	BPSK	1	1	-	Top Side	0mm	Ant 8	DSI 12	6416663624.99	10.21	11.2	1.256	100	1.000	-0.07	0.931	1.169
	FR1 n48	40M	BPSK	1	1	-	Top Side	0mm	Ant 8	DSI 12	638000 3570	10.18	11.2	1.265	100	1.000	-0.07	0.926	1.171
	FR1 n48	40M	BPSK	1	1	-	Top Side	0mm	Ant 8	DSI 12	6453323679.98	10.17	11.2	1.268	100	1.000	0.11	0.923	1.17
	FR1 n48	40M	BPSK	50	28	-	Top Side	0mm	Ant 8	DSI 12	6416663624.99	10.19	11.2	1.262	100	1.000	-0.03	0.748	0.944
	FR1 n48	40M	BPSK	50	28	-	Top Side	0mm	Ant 8	DSI 12	638000 3570	10.18	11.2	1.265	100	1.000	0.14	0.746	0.944
	FR1 n48	40M	BPSK	50	28	-	Top Side	0mm	Ant 8	DSI 12	6453323679.98	10.17	11.2	1.268	100	1.000	0.04	0.735	0.932
	FR1 n48	40M	BPSK	100	0	-	Top Side	0mm	Ant 8	DSI 12	6416663624.99	10.15	11.2	1.274	100	1.000	0.06	0.721	0.919
	FR1 n48	40M	BPSK	1	1	-	Back Top	11mm	Ant 8	DSI 4	6416663624.99	23.15	24	1.216	100	1.000	0.02	0.624	0.759
	FR1 n48	40M	BPSK	50	28	-	Back Top	11mm	Ant 8	DSI 4	6416663624.99	23.11	24	1.227	100	1.000	0.03	0.605	0.742
	FR1 n48	40M	BPSK	1	1	-	Top Side	15mm	Ant 8	DSI 4	6416663624.99	23.15	24	1.216	100	1.000	0.02	0.455	0.553
	FR1 n48	40M	BPSK	50	28	-	Top Side	15mm	Ant 8	DSI 4	6416663624.99	23.11	24	1.227	100	1.000	0.02	0.411	0.504
	FR1 n77	100M	BPSK	1	1	-	Back	0mm	Ant 2	DSI 12	6333323499.98	10.21	11.4	1.315	100	1.000	-0.17	0.480	0.631
	FR1 n77	100M	BPSK	135	69	-	Back	0mm	Ant 2	DSI 12	6333323499.98	10.19	11.4	1.321	100	1.000	-0.04	0.504	0.666
	FR1 n77	100M	BPSK	1	1	-	Right Side	0mm	Ant 2	DSI 12	6333323499.98	10.21	11.4	1.315	100	1.000	-0.15	0.031	0.041
	FR1 n77	100M	BPSK	135	69	-	Right Side	0mm	Ant 2	DSI 12	6333323499.98	10.19	11.4	1.321	100	1.000	0.07	0.031	0.041
	FR1 n77	100M	BPSK	1	1	-	Bottom Side	0mm	Ant 2	DSI 12	6333323499.98	10.21	11.4	1.315	100	1.000	0.04	0.694	0.913
	FR1 n77	100M	BPSK	135	69	-	Bottom Side	0mm	Ant 2	DSI 12	6333323499.98	10.19	11.4	1.321	100	1.000	0.14	0.542	0.716
	FR1 n77	100M	BPSK	270	0	-	Bottom Side	0mm	Ant 2	DSI 12	6333323499.98	10.08	11.4	1.355	100	1.000	-0.08	0.558	0.756
	FR1 n77_HPUE	100M	BPSK	1	1	-	Bottom Side	0mm	Ant 2	DSI 12	6333323499.98	13.25	14.4	1.303	50	1.000	0.01	0.681	0.887
	FR1 n77	100M	BPSK	1	1	-	Back	15mm	Ant 2	DSI 4	6333323499.98	22.66	24	1.361	100	1.000	0.02	0.483	0.657
	FR1 n77	100M	BPSK	135	69	-	Back	15mm	Ant 2	DSI 4	6333323499.98	22.64	24	1.368	100	1.000	0.03	0.456	0.624
	FR1 n77	100M	BPSK	1	1	-	Right Side	19mm	Ant 2	DSI 4	6333323499.98	22.66	24	1.361	100	1.000	0.01	0.121	0.165
	FR1 n77	100M	BPSK	135	69	-	Right Side	19mm	Ant 2	DSI 4	6333323499.98	22.64	24	1.368	100	1.000	0.02	0.112	0.153
	FR1 n77	100M	BPSK	1	1	-	Bottom Side	14mm	Ant 2	DSI 4	6333323499.98	22.66	24	1.361	100	1.000	0.01	0.781	1.063
	FR1 n77	100M	BPSK	135	69	-	Bottom Side	14mm	Ant 2	DSI 4	6333323499.98	22.64	24	1.368	100	1.000	0.05	0.751	1.027
	FR1 n77	100M	BPSK	270	0	-	Bottom Side	14mm	Ant 2	DSI 4	6333323499.98	22.62	24	1.374	100	1.000	0.06	0.756	1.039
	FR1 n77_HPUE	100M	BPSK	1	1	-	Bottom Side	14mm	Ant 2	DSI 4	6333323499.98	25.63	27	1.371	50	1.000	0.02	0.755	1.035
140	FR1 n77	100M	BPSK	1	1	-	Back Right	0mm	Ant 4	DSI 12	6333323499.98	11.87	12.8	1.239	100	1.000	-0.09	1.030	1.276
	FR1 n77	100M	BPSK	135	69	-	Back Right	0mm	Ant 4	DSI 12	6333323499.98	11.81	12						



FCC SAR Test Report

Report No. : FA5N1310

FR1 n77	100M	BPSK	135	69	-	Top Side	0mm	Ant 4	DSI 12	633332	3499.98	11.81	12.8	1.256	100	1.000	-0.04	0.039	0.049
FR1 n77_HPUE	100M	BPSK	1	1	-	Back Right	0mm	Ant 4	DSI 12	633332	3499.98	14.85	15.8	1.245	50	1.000	0.01	0.958	1.193
FR1 n77	100M	BPSK	1	1	-	Back Right	9mm	Ant 4	DSI 4	633332	3499.98	23.23	24	1.194	100	1.000	0.02	0.723	0.863
FR1 n77	100M	BPSK	135	69	-	Back Right	9mm	Ant 4	DSI 4	633332	3499.98	23.2	24	1.202	100	1.000	0.03	0.705	0.847
FR1 n77	100M	BPSK	270	0	-	Back Right	9mm	Ant 4	DSI 4	633332	3499.98	23.16	24	1.213	100	1.000	0.01	0.701	0.85
FR1 n77	100M	BPSK	1	1	-	Right Side	15mm	Ant 4	DSI 4	633332	3499.98	23.23	24	1.194	100	1.000	0.05	0.516	0.616
FR1 n77	100M	BPSK	135	69	-	Right Side	15mm	Ant 4	DSI 4	633332	3499.98	23.2	24	1.202	100	1.000	0.02	0.501	0.602
FR1 n77	100M	BPSK	1	1	-	Top Side	9mm	Ant 4	DSI 4	633332	3499.98	23.23	24	1.194	100	1.000	0.03	0.189	0.226
FR1 n77	100M	BPSK	135	69	-	Top Side	9mm	Ant 4	DSI 4	633332	3499.98	23.2	24	1.202	100	1.000	0.01	0.165	0.198
FR1 n77_HPUE	100M	BPSK	1	1	-	Back Right	9mm	Ant 4	DSI 4	633332	3499.98	26.23	27	1.194	50	1.000	0.02	0.701	0.837
FR1 n77	100M	BPSK	1	1	-	Back Top	0mm	Ant 6	DSI 12	633332	3499.98	11.92	12.6	1.169	100	1.000	-0.01	0.869	1.016
FR1 n77	100M	BPSK	135	69	-	Back Top	0mm	Ant 6	DSI 12	633332	3499.98	11.91	12.6	1.172	100	1.000	0.09	0.771	0.904
FR1 n77	100M	BPSK	270	0	-	Back Top	0mm	Ant 6	DSI 12	633332	3499.98	11.86	12.6	1.186	100	1.000	0.13	0.760	0.901
FR1 n77	100M	BPSK	1	1	-	Back Right	0mm	Ant 6	DSI 12	633332	3499.98	11.92	12.6	1.169	100	1.000	0.01	0.356	0.416
FR1 n77	100M	BPSK	135	69	-	Back Right	0mm	Ant 6	DSI 12	633332	3499.98	11.91	12.6	1.172	100	1.000	0.02	0.321	0.376
FR1 n77	100M	BPSK	1	1	-	Right Side	0mm	Ant 6	DSI 4	633332	3499.98	23.34	24	1.164	100	1.000	0.06	0.830	0.966
FR1 n77	100M	BPSK	135	69	-	Right Side	0mm	Ant 6	DSI 4	633332	3499.98	23.24	24	1.191	100	1.000	0.01	0.829	0.987
FR1 n77	100M	BPSK	270	0	-	Right Side	0mm	Ant 6	DSI 4	633332	3499.98	23.09	24	1.233	100	1.000	0.02	0.809	0.997
FR1 n77_HPUE	100M	BPSK	1	1	-	Back Top	0mm	Ant 6	DSI 12	633332	3499.98	14.99	15.6	1.151	50	1.000	-0.04	0.914	1.052
FR1 n77	100M	BPSK	1	1	-	Top Side	0mm	Ant 6	DSI 12	633332	3499.98	11.92	12.6	1.169	100	1.000	0.03	0.800	0.935
FR1 n77	100M	BPSK	135	69	-	Top Side	0mm	Ant 6	DSI 12	633332	3499.98	11.91	12.6	1.172	100	1.000	0.08	0.543	0.636
FR1 n77	100M	BPSK	270	0	-	Top Side	0mm	Ant 6	DSI 12	633332	3499.98	11.86	12.6	1.186	100	1.000	-0.05	0.617	0.732
FR1 n77	100M	BPSK	1	1	-	Back Top	11mm	Ant 6	DSI 4	633332	3499.98	23.34	24	1.164	100	1.000	0.02	0.841	0.979
FR1 n77	100M	BPSK	135	69	-	Back Top	11mm	Ant 6	DSI 4	633332	3499.98	23.24	24	1.191	100	1.000	0.03	0.805	0.959
FR1 n77	100M	BPSK	270	0	-	Back Top	11mm	Ant 6	DSI 4	633332	3499.98	23.09	24	1.233	100	1.000	0.01	0.801	0.988
FR1 n77	100M	BPSK	1	1	-	Top Side	15mm	Ant 6	DSI 4	633332	3499.98	23.34	24	1.164	100	1.000	0.02	0.443	0.516
FR1 n77	100M	BPSK	135	69	-	Top Side	15mm	Ant 6	DSI 4	633332	3499.98	23.24	24	1.191	100	1.000	0.05	0.421	0.501
FR1 n77_HPUE	100M	BPSK	270	0	-	Back Top	11mm	Ant 6	DSI 4	633332	3499.98	26.09	27	1.233	50	1.000	0.02	0.789	0.973
FR1 n77	100M	BPSK	1	1	-	Back Top	0mm	Ant 8	DSI 12	633332	3499.98	9.13	10	1.222	100	1.000	0.16	0.585	0.715
FR1 n77	100M	BPSK	135	69	-	Back Top	0mm	Ant 8	DSI 12	633332	3499.98	9.1	10	1.230	100	1.000	0.02	0.540	0.664
FR1 n77	100M	BPSK	1	1	-	Top Side	0mm	Ant 8	DSI 12	633332	3499.98	9.13	10	1.222	100	1.000	-0.13	0.735	0.898
FR1 n77	100M	BPSK	135	69	-	Top Side	0mm	Ant 8	DSI 12	633332	3499.98	9.1	10	1.230	100	1.000	0.12	0.506	0.622
FR1 n77	100M	BPSK	270	0	-	Top Side	0mm	Ant 8	DSI 12	633332	3499.98	9.06	10	1.242	100	1.000	0	0.521	0.647
FR1 n77_HPUE	100M	BPSK	1	1	-	Top Side	0mm	Ant 8	DSI 12	633332	3499.98	12.15	13	1.216	50	1.000	-0.13	0.735	0.894
FR1 n77	100M	BPSK	1	1	-	Back Top	11mm	Ant 8	DSI 4	633332	3499.98	21.53	21.9	1.089	100	1.000	0.02	0.704	0.767
FR1 n77	100M	BPSK	135	69	-	Back Top	11mm	Ant 8	DSI 4	633332	3499.98	21.49	21.9	1.099	100	1.000	0.01	0.701	0.77
FR1 n77	100M	BPSK	1	1	-	Top Side	15mm	Ant 8	DSI 4	633332	3499.98	21.53	21.9	1.089	100	1.000	0.05	0.339	0.369
FR1 n77	100M	BPSK	135	69	-	Top Side	15mm	Ant 8	DSI 4	633332	3499.98	21.49	21.9	1.099	100	1.000	0.02	0.353	0.388
FR1 n77_HPUE	100M	BPSK	135	69	-	Back Top	11mm	Ant 8	DSI 4	633332	3499.98	24.57	24.9	1.079	50	1.000	0.01	0.689	0.743
FR1 n77	100M	BPSK	1	1	-	Back	0mm	Ant 2	DSI 12	556000	3840	10.2	11.4	1.318	100	1.000	0.01	0.927	1.222
FR1 n77	100M	BPSK	135	69	-	Back	0mm	Ant 2	DSI 12	556000	3840	10.19	11.4	1.321	100	1.000	0.12	0.561	0.741
FR1 n77	100M	BPSK	270	0	-	Back	0mm	Ant 2	DSI 12	556000	3840	10.14	11.4	1.337	100	1.000	-0.01	0.579	0.774
FR1 n77	100M	BPSK	1	1	-	Right Side	0mm	Ant 2	DSI 12	556000	3840	10.2	11.4	1.318	100	1.000	-0.05	0.025	0.033
FR1 n77	100M	BPSK	135	69	-	Right Side	0mm	Ant 2	DSI 12	556000	3840	10.19	11.4	1.321	100	1.000	0.06	0.026	0.034
FR1 n77	100M	BPSK	1	1	-	Bottom Side	0mm	Ant 2	DSI 12	556000	3840	10.2	11.4	1.318	100	1.000	0.12	0.921	1.214
FR1 n77	100M	BPSK	135	69	-	Bottom Side	0mm	Ant 2	DSI 12	556000	3840	10.19	11.4	1.321	100	1.000	-0.09	0.669	0.884
FR1 n77	100M	BPSK	270	0	-	Bottom Side	0mm	Ant 2	DSI 12	556000	3840	10.14	11.4	1.337	100	1.000	-0.02	0.710	0.949
FR1 n77_HPUE	100M	BPSK	1	1	-	Back	0mm	Ant 2	DSI 12	556000	3840	13.28	14.4	1.294	50	1.000	0.02	0.891	1.153
FR1 n77	100M	BPSK	1	1	-	Back	15mm	Ant 2	DSI 4	556000	3840	22.87	24	1.297	100	1.000	0.02	0.181	0.235
FR1 n77	100M	BPSK	135	69	-	Back	15mm	Ant 2	DSI 4	556000	3840	22.84	24	1.306	100	1.000	0.01	0.151	0.197
FR1 n77	100M	BPSK	1	1	-	Right Side	19mm	Ant 2	DSI 4	556000	3840	22.87	24	1.297	100	1.000	0.03	0.096	0.125
FR1 n77	100M	BPSK	135	69	-	Right Side	19mm	Ant 2	DSI 4	556000	3840	22.84	24	1.306	100	1.000	0.03	0.081	0.106
FR1 n77	100M	BPSK	1	1	-	Bottom Side	14mm	Ant 2	DSI 4	556000	3840	22.87	24	1.297	100	1.000	0.02	0.606	0.786
FR1 n77	100M	BPSK	135	69	-	Bottom Side	14mm	Ant 2	DSI 4	556000	3840	22.84	24	1.306	100	1.000	0.01	0.601	0.785
FR1 n77_HPUE	100M	BPSK	1	1	-	Bottom Side	14mm	Ant 2	DSI 4	556000	3840	25.86	27	1.300	50	1.000	0.03	0.601	0.781
FR1 n77	100M	BPSK	1	1	-	Back Right	0mm	Ant 4	DSI 12	556000	3840	11.9	12.8	1.230	100	1.000	0.16	0.556	0.684
FR1 n77	100M	BPSK	135	69	-	Back Right	0mm	Ant 4	DSI 12	556000	3840	11.88	12.8	1.236	100	1.000	0.09	0.524	0.648
FR1 n77	100M	BPSK	1	1	-	Right Side	0mm	Ant 4	DSI 12	556000	3840	11.9	12.8	1.230	100	1.000	0.06	0.278	0.342
FR1 n77	100M	BPSK	135	69	-	Right Side	0mm	Ant 4	DSI 12	556000	3840	11.88	12.8	1.236	100	1.000	-0.06	0.247	0.305
FR1 n77	100M	BPSK	1	1	-	Top Side	0mm	Ant 4	DSI 12	556000	3840	11.9	12.8	1.230	100	1.000	0.12	0.029	0.036
FR1 n77	100M	BPSK	135	69	-	Top Side	0mm	Ant 4	DSI 12	556000	3840	11.88	12.8	1.236	100	1.000	-0.03	0.036	0.044
FR1 n77_HPUE	100M	BPSK	1	1	-	Back Right	0mm	Ant 4	DSI 12	556000	3840	14.96	15.8	1.213	50	1.000	0.02	0.530	0.643
FR1 n77	100M	BPSK	1	1	-	Back Right	9mm	Ant 4	DSI 4	556000	3840	23.52	24	1.117	100	1.000	0.02	0.564	0.63
FR1 n77	100M	BPSK	135	69	-	Back Right	9mm	Ant 4	DSI 4	556000	3840	23.48	24	1.127	100	1.000	0.03	0.505	0.569
FR1 n77	100M	BPSK	1	1	-	Right Side	15mm	Ant 4	DSI 4	556000	3840	23.52	24	1.117	100	1.000	0.01	0.282	0.315
FR1 n77	100M	BPSK	135	69	-	Right Side	15mm	Ant 4	DSI 4	556000	3840	23.48	24	1.127	100	1.000	0.02	0.202	0.228
FR1 n77	100M	BPSK	1	1	-	Top Side	9mm	Ant 4	DSI 4	556000	3840	23.52	24	1.117	100	1.000	0.01	0.098	0.109
FR1 n77	100M	BPSK	135	69	-	Top Side	9mm	Ant 4	DSI 4	556000	3840	23.48	24	1.127	100	1.000	0.02	0.085	0.096
FR1 n77_HPUE	100M	BPSK	1	1	-	Back Right	9mm	Ant 4	DSI 4	556000	3840	26.44	27	1.138	50	1.000	0.01	0.554	0.63
FR1 n77	100M	BPSK	1	1	-	Back Top	0mm												



FCC SAR Test Report

Report No. : FA5N1310

FR1 n77	100M	BPSK	1	1	-	Right Side	0mm	Ant 6	DSI 4	556000	3840	23.4	24	1.148	100	1.000	0.01	0.720	0.827
FR1 n77	100M	BPSK	135	69	-	Right Side	0mm	Ant 6	DSI 4	556000	3840	23.34	24	1.164	100	1.000	0.05	0.549	0.639
FR1 n77	100M	BPSK	270	0	-	Right Side	0mm	Ant 6	DSI 4	556000	3840	23.32	24	1.169	100	1.000	0.02	0.561	0.656
FR1 n77	100M	BPSK	1	1	-	Top Side	0mm	Ant 6	DSI 12	556000	3840	11.98	12.6	1.153	100	1.000	0.15	0.615	0.709
FR1 n77	100M	BPSK	135	69	-	Top Side	0mm	Ant 6	DSI 12	556000	3840	11.99	12.6	1.151	100	1.000	-0.04	0.471	0.542
FR1 n77_HPUE	100M	BPSK	1	1	-	Back Top	0mm	Ant 6	DSI 12	556000	3840	15.01	15.6	1.146	50	1.000	-0.09	1.000	1.146
FR1 n77	100M	BPSK	1	1	-	Back Top	11mm	Ant 6	DSI 4	556000	3840	23.4	24	1.148	100	1.000	0.02	0.895	1.027
FR1 n77	100M	BPSK	135	69	-	Back Top	11mm	Ant 6	DSI 4	556000	3840	23.34	24	1.164	100	1.000	0.03	0.801	0.932
FR1 n77	100M	BPSK	270	0	-	Back Top	11mm	Ant 6	DSI 4	556000	3840	23.32	24	1.169	100	1.000	0.01	0.756	0.884
FR1 n77	100M	BPSK	1	1	-	Top Side	15mm	Ant 6	DSI 4	556000	3840	23.4	24	1.148	100	1.000	0.02	0.458	0.526
FR1 n77	100M	BPSK	135	69	-	Top Side	15mm	Ant 6	DSI 4	556000	3840	23.34	24	1.164	100	1.000	0.03	0.465	0.541
FR1 n77_HPUE	100M	BPSK	1	1	-	Back Top	11mm	Ant 6	DSI 4	556000	3840	26.46	27	1.132	50	1.000	0.02	0.883	1
FR1 n77	100M	BPSK	1	1	-	Back Top	0mm	Ant 8	DSI 12	556000	3840	9.25	10	1.189	100	1.000	0.13	0.546	0.649
FR1 n77	100M	BPSK	135	69	-	Back Top	0mm	Ant 8	DSI 12	556000	3840	9.23	10	1.194	100	1.000	-0.15	0.514	0.614
FR1 n77	100M	BPSK	1	1	-	Top Side	0mm	Ant 8	DSI 12	556000	3840	9.25	10	1.189	100	1.000	0.01	0.962	1.144
FR1 n77	100M	BPSK	135	69	-	Top Side	0mm	Ant 8	DSI 12	556000	3840	9.23	10	1.194	100	1.000	0.13	0.913	1.09
FR1 n77	100M	BPSK	270	0	-	Top Side	0mm	Ant 8	DSI 12	556000	3840	9.1	10	1.230	100	1.000	-0.05	0.920	1.132
FR1 n77_HPUE	100M	BPSK	1	1	-	Top Side	0mm	Ant 8	DSI 12	556000	3840	12.25	13	1.189	50	1.000	0.04	0.944	1.122
FR1 n77	100M	BPSK	1	1	-	Back Top	11mm	Ant 8	DSI 4	556000	3840	21.58	21.9	1.076	100	1.000	0.02	0.865	0.931
FR1 n77	100M	BPSK	135	69	-	Back Top	11mm	Ant 8	DSI 4	556000	3840	21.53	21.9	1.089	100	1.000	0.01	0.825	0.898
FR1 n77	100M	BPSK	270	0	-	Back Top	11mm	Ant 8	DSI 4	556000	3840	21.47	21.9	1.104	100	1.000	0.05	0.803	0.887
FR1 n77	100M	BPSK	1	1	-	Top Side	15mm	Ant 8	DSI 4	556000	3840	21.58	21.9	1.076	100	1.000	0.06	0.741	0.797
FR1 n77	100M	BPSK	135	69	-	Top Side	15mm	Ant 8	DSI 4	556000	3840	21.53	21.9	1.089	100	1.000	0.01	0.708	0.771
FR1 n77_HPUE	100M	BPSK	1	1	-	Back Top	11mm	Ant 8	DSI 4	556000	3840	24.61	24.9	1.069	50	1.000	0.02	0.855	0.914

MIMO SAR

Plot No	Band	BW	Modulation	RB Size	RB Offset	Test Position	Gap (mm)	Antenna	Power State	EUT Flip State	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-Up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	FR1 n48	40M	BPSK	1	1	Back Top	0mm	Ant 8+4	DSI 12	Open	641666	3624.99	13.22	14.20	1.253	100	1.000	-0.02	0.674	0.845
	FR1 n48	40M	BPSK	50	28	Back Top	0mm	Ant 8+4	DSI 12	Open	641666	3624.99	13.20	14.20	1.259	100	1.000	0.14	0.559	0.704
	FR1 n48	40M	BPSK	1	1	Right Side	0mm	Ant 8+4	DSI 12	Open	641666	3624.99	13.22	14.20	1.253	100	1.000	-0.02	0.274	0.343
	FR1 n48	40M	BPSK	50	28	Right Side	0mm	Ant 8+4	DSI 12	Open	641666	3624.99	13.20	14.20	1.259	100	1.000	0.14	0.259	0.326
	FR1 n48	40M	BPSK	1	1	Top Side	0mm	Ant 8+4	DSI 12	Open	641666	3624.99	13.22	14.20	1.253	100	1.000	0.05	0.714	0.895
	FR1 n48	40M	BPSK	1	1	Top Side	0mm	Ant 8+4	DSI 12	Open	638000	3570	13.19	14.20	1.262	100	1.000	0.05	0.661	0.834
	FR1 n48	40M	BPSK	1	1	Top Side	0mm	Ant 8+4	DSI 12	Open	645332	3679.98	13.18	14.20	1.265	100	1.000	-0.04	0.813	1.028
	FR1 n48	40M	BPSK	50	28	Top Side	0mm	Ant 8+4	DSI 12	Open	641666	3624.99	13.20	14.20	1.259	100	1.000	0.02	0.698	0.879
	FR1 n48	40M	BPSK	50	28	Top Side	0mm	Ant 8+4	DSI 12	Open	638000	3570	13.19	14.20	1.262	100	1.000	-0.17	0.588	0.742
	FR1 n48	40M	BPSK	50	28	Top Side	0mm	Ant 8+4	DSI 12	Open	645332	3679.98	13.18	14.20	1.265	100	1.000	0.07	0.641	0.811
	FR1 n48	40M	BPSK	100	0	Top Side	0mm	Ant 8+4	DSI 12	Open	641666	3624.99	13.16	14.20	1.271	100	1.000	0.1	0.816	1.037
	FR1 n48	40M	BPSK	1	1	Back Top	11mm	Ant 8+4	DSI 4	Open	641666	3624.99	23.19	24.00	1.205	100	1.000	0.02	0.668	0.805
	FR1 n48	40M	BPSK	50	28	Back Top	11mm	Ant 8+4	DSI 4	Open	641666	3624.99	23.16	24.00	1.213	100	1.000	0.07	0.547	0.664
	FR1 n48	40M	BPSK	1	1	Right Side	9mm	Ant 8+4	DSI 4	Open	641666	3624.99	23.19	24.00	1.205	100	1.000	0.02	0.608	0.733
	FR1 n48	40M	BPSK	50	28	Right Side	9mm	Ant 8+4	DSI 4	Open	641666	3624.99	23.16	24.00	1.213	100	1.000	0.07	0.521	0.632
	FR1 n48	40M	BPSK	1	1	Top Side	15mm	Ant 8+4	DSI 4	Open	641666	3624.99	23.19	24.00	1.205	100	1.000	-0.11	0.473	0.57
	FR1 n48	40M	BPSK	50	28	Top Side	15mm	Ant 8+4	DSI 4	Open	641666	3624.99	23.16	24.00	1.213	100	1.000	0.14	0.390	0.473
	FR1 n48	40M	BPSK	1	1	Back Top	0mm	Ant 8+6	DSI 12	Open	641666	3624.99	13.20	14.20	1.259	100	1.000	-0.15	0.566	0.713
	FR1 n48	40M	BPSK	50	28	Back Top	0mm	Ant 8+6	DSI 12	Open	641666	3624.99	13.18	14.20	1.265	100	1.000	0.18	0.534	0.676
	FR1 n48	40M	BPSK	1	1	Right Side	11mm	Ant 8+6	DSI 4	Open	641666	3624.99	23.30	24.00	1.175	100	1.000	0.09	0.651	0.765
	FR1 n48	40M	BPSK	50	28	Right Side	11mm	Ant 8+6	DSI 4	Open	641666	3624.99	23.27	24.00	1.183	100	1.000	0.01	0.625	0.739
	FR1 n48	40M	BPSK	1	1	Top Side	0mm	Ant 8+6	DSI 12	Open	641666	3624.99	13.20	14.20	1.259	100	1.000	0.09	0.714	0.899
	FR1 n48	40M	BPSK	1	1	Top Side	0mm	Ant 8+6	DSI 12	Open	638000	3570	13.13	14.20	1.279	100	1.000	0.19	0.679	0.868
	FR1 n48	40M	BPSK	1	1	Top Side	0mm	Ant 8+6	DSI 12	Open	645332	3679.98	13.18	14.20	1.265	100	1.000	0.1	0.717	0.907
	FR1 n48	40M	BPSK	50	28	Top Side	0mm	Ant 8+6	DSI 12	Open	641666	3624.99	13.18	14.20	1.265	100	1.000	0.12	0.672	0.85
	FR1 n48	40M	BPSK	50	28	Top Side	0mm	Ant 8+6	DSI 12	Open	638000	3570	13.12	14.20	1.282	100	1.000	0.19	0.695	0.891
	FR1 n48	40M	BPSK	50	28	Top Side	0mm	Ant 8+6	DSI 12	Open	645332	3679.98	13.16	14.20	1.271	100	1.000	0.03	0.716	0.91
	FR1 n48	40M	BPSK	100	0	Top Side	0mm	Ant 8+6	DSI 12	Open	641666	3624.99	13.14	14.20	1.276	100	1.000	0.12	0.798	1.018
	FR1 n48	40M	BPSK	1	1	Back Top	11mm	Ant 8+6	DSI 4	Open	641666	3624.99	23.30	24.00	1.175	100	1.000	-0.03	0.570	0.67
	FR1 n48	40M	BPSK	50	28	Back Top	11mm	Ant 8+6	DSI 4	Open	641666	3624.99	23.27	24.00	1.183	100	1.000	-0.17	0.572	0.677
	FR1 n48	40M	BPSK	1	1	Top Side	15mm	Ant 8+6	DSI 4	Open	641666	3624.99	23.30	24.00	1.175	100	1.000	0.08	0.653	0.767
	FR1 n48	40M	BPSK	50	28	Top Side	15mm	Ant 8+6	DSI 4	Open	641666	3624.99	23.27	24.00	1.183	100	1.000	0.12	0.667	0.789
	FR1 n77_HPUE	100M	BPSK	1	1	Back Top	0mm	Ant 8+4	DSI 12	Open	633332	3499.98	12.14	13.00	1.219	50	1.000	0.05	0.647	0.789



FCC SAR Test Report

Report No. : FA5N1310

FR1 n77_HPUE	100M	BPSK	135	69	Back Top	0mm	Ant 8+4	DSI 12	Open	633332	3499.98	12.11	13.00	1.227	50	1.000	-0.06	0.582	0.714
FR1 n77_HPUE	100M	BPSK	1	1	Right Side	0mm	Ant 8+4	DSI 12	Open	633332	3499.98	12.14	13.00	1.219	50	1.000	0.1	0.179	0.218
FR1 n77_HPUE	100M	BPSK	135	69	Right Side	0mm	Ant 8+4	DSI 12	Open	633332	3499.98	12.11	13.00	1.227	50	1.000	-0.14	0.197	0.242
FR1 n77_HPUE	100M	BPSK	1	1	Top Side	0mm	Ant 8+4	DSI 12	Open	633332	3499.98	12.14	13.00	1.219	50	1.000	-0.16	0.515	0.628
FR1 n77_HPUE	100M	BPSK	135	69	Top Side	0mm	Ant 8+4	DSI 12	Open	633332	3499.98	12.11	13.00	1.227	50	1.000	0.07	0.473	0.58
FR1 n77_HPUE_PC1.5	100M	BPSK	1	1	Back Top	0mm	Ant 8+4	DSI 12	Open	633332	3499.98	15.16	16.00	1.213	25	1.000	-0.1	0.495	0.6
FR1 n77_HPUE	100M	BPSK	1	1	Back Top	11mm	Ant 8+4	DSI 4	Open	633332	3499.98	24.54	24.90	1.086	50	1.000	0.04	0.545	0.592
FR1 n77_HPUE	100M	BPSK	135	69	Back Top	11mm	Ant 8+4	DSI 4	Open	633332	3499.98	24.50	24.90	1.096	50	1.000	-0.02	0.504	0.552
FR1 n77_HPUE	100M	BPSK	1	1	Right Side	9mm	Ant 8+4	DSI 4	Open	633332	3499.98	24.54	24.90	1.086	50	1.000	0.04	0.523	0.568
FR1 n77_HPUE	100M	BPSK	135	69	Right Side	9mm	Ant 8+4	DSI 4	Open	633332	3499.98	24.50	24.90	1.096	50	1.000	-0.02	0.493	0.54
FR1 n77_HPUE	100M	BPSK	1	1	Top Side	15mm	Ant 8+4	DSI 4	Open	633332	3499.98	24.54	24.90	1.086	50	1.000	0.13	0.354	0.384
FR1 n77_HPUE	100M	BPSK	135	69	Top Side	15mm	Ant 8+4	DSI 4	Open	633332	3499.98	24.50	24.90	1.096	50	1.000	0.11	0.331	0.363
FR1 n77_HPUE_PC1.5	100M	BPSK	1	1	Back Top	11mm	Ant 8+4	DSI 4	Open	633332	3499.98	27.59	27.90	1.074	25	1.000	-0.15	0.539	0.579
FR1 n77_HPUE	100M	BPSK	1	1	Back Top	0mm	Ant 8+6	DSI 12	Open	633332	3499.98	12.12	13.00	1.225	50	1.000	-0.19	0.694	0.85
FR1 n77_HPUE	100M	BPSK	135	69	Back Top	0mm	Ant 8+6	DSI 12	Open	633332	3499.98	12.09	13.00	1.233	50	1.000	-0.16	0.649	0.8
FR1 n77_HPUE	100M	BPSK	270	0	Back Top	0mm	Ant 8+6	DSI 12	Open	633332	3499.98	12.07	13.00	1.239	50	1.000	-0.1	0.544	0.674
FR1 n77_HPUE	100M	BPSK	1	1	Right Side	0mm	Ant 8+6	DSI 4	Open	633332	3499.98	24.54	24.90	1.086	50	1.000	0.12	0.360	0.391
FR1 n77_HPUE	100M	BPSK	135	69	Right Side	0mm	Ant 8+6	DSI 4	Open	633332	3499.98	24.50	24.90	1.096	50	1.000	-0.02	0.304	0.333
FR1 n77_HPUE	100M	BPSK	1	1	Top Side	0mm	Ant 8+6	DSI 12	Open	633332	3499.98	12.12	13.00	1.225	50	1.000	0.14	0.644	0.789
FR1 n77_HPUE	100M	BPSK	135	69	Top Side	0mm	Ant 8+6	DSI 12	Open	633332	3499.98	12.09	13.00	1.233	50	1.000	-0.05	0.665	0.82
FR1 n77_HPUE_PC1.5	100M	BPSK	1	1	Back Top	0mm	Ant 8+6	DSI 12	Open	633332	3499.98	15.14	16.00	1.219	25	1.000	-0.16	0.647	0.789
FR1 n77_HPUE	100M	BPSK	1	1	Back Top	11mm	Ant 8+6	DSI 4	Open	633332	3499.98	24.54	24.90	1.086	50	1.000	0.03	0.627	0.681
FR1 n77_HPUE	100M	BPSK	135	69	Back Top	11mm	Ant 8+6	DSI 4	Open	633332	3499.98	24.50	24.90	1.096	50	1.000	-0.07	0.585	0.641
FR1 n77_HPUE	100M	BPSK	1	1	Top Side	15mm	Ant 8+6	DSI 4	Open	633332	3499.98	24.54	24.90	1.086	50	1.000	-0.1	0.591	0.642
FR1 n77_HPUE	100M	BPSK	135	69	Top Side	15mm	Ant 8+6	DSI 4	Open	633332	3499.98	24.50	24.90	1.096	50	1.000	-0.08	0.582	0.638
FR1 n77_HPUE_PC1.5	100M	BPSK	1	1	Back Top	11mm	Ant 8+6	DSI 4	Open	633332	3499.98	27.59	27.90	1.074	25	1.000	-0.07	0.664	0.713
FR1 n77_HPUE	100M	BPSK	1	1	Back Top	0mm	Ant 8+4	DSI 12	Open	656000	3840	12.26	13.00	1.186	50	1.000	0.01	0.558	0.662
FR1 n77_HPUE	100M	BPSK	135	69	Back Top	0mm	Ant 8+4	DSI 12	Open	656000	3840	12.24	13.00	1.191	50	1.000	-0.05	0.539	0.642
FR1 n77_HPUE	100M	BPSK	1	1	Right Side	0mm	Ant 8+4	DSI 12	Open	656000	3840	12.26	13.00	1.186	50	1.000	0.01	0.103	0.122
FR1 n77_HPUE	100M	BPSK	135	69	Right Side	0mm	Ant 8+4	DSI 12	Open	656000	3840	12.24	13.00	1.191	50	1.000	-0.03	0.149	0.177
FR1 n77_HPUE	100M	BPSK	1	1	Top Side	0mm	Ant 8+4	DSI 12	Open	656000	3840	12.26	13.00	1.186	50	1.000	-0.04	0.586	0.695
FR1 n77_HPUE	100M	BPSK	135	69	Top Side	0mm	Ant 8+4	DSI 12	Open	656000	3840	12.24	13.00	1.191	50	1.000	-0.16	0.594	0.707
FR1 n77_HPUE_PC1.5	100M	BPSK	135	69	Top Side	0mm	Ant 8+4	DSI 12	Open	656000	3840	15.26	16.00	1.186	25	1.000	0.08	0.659	0.782
FR1 n77_HPUE	100M	BPSK	1	1	Back Top	11mm	Ant 8+4	DSI 4	Open	656000	3840	24.59	24.90	1.074	50	1.000	-0.13	0.535	0.575
FR1 n77_HPUE	100M	BPSK	135	69	Back Top	11mm	Ant 8+4	DSI 4	Open	656000	3840	24.54	24.90	1.086	50	1.000	-0.04	0.433	0.47
FR1 n77_HPUE	100M	BPSK	1	1	Right Side	9mm	Ant 8+4	DSI 4	Open	656000	3840	24.59	24.90	1.074	50	1.000	-0.01	0.335	0.36
FR1 n77_HPUE	100M	BPSK	135	69	Right Side	9mm	Ant 8+4	DSI 4	Open	656000	3840	24.54	24.90	1.086	50	1.000	0.02	0.345	0.375
FR1 n77_HPUE	100M	BPSK	1	1	Top Side	15mm	Ant 8+4	DSI 4	Open	656000	3840	24.59	24.90	1.074	50	1.000	-0.03	0.376	0.404
FR1 n77_HPUE	100M	BPSK	135	69	Top Side	15mm	Ant 8+4	DSI 4	Open	656000	3840	24.54	24.90	1.086	50	1.000	-0.07	0.351	0.381
FR1 n77_HPUE_PC1.5	100M	BPSK	1	1	Back Top	11mm	Ant 8+4	DSI 4	Open	656000	3840	27.62	27.90	1.067	25	1.000	0.08	0.515	0.55
FR1 n77_HPUE	100M	BPSK	1	1	Back Top	0mm	Ant 8+6	DSI 12	Open	656000	3840	12.26	13.00	1.186	50	1.000	0.03	0.490	0.581
FR1 n77_HPUE	100M	BPSK	135	69	Back Top	0mm	Ant 8+6	DSI 12	Open	656000	3840	12.23	13.00	1.194	50	1.000	0.09	0.520	0.621
FR1 n77_HPUE	100M	BPSK	1	1	Right Side	0mm	Ant 8+6	DSI 4	Open	656000	3840	24.59	24.90	1.074	50	1.000	0.06	0.321	0.345
FR1 n77_HPUE	100M	BPSK	135	69	Right Side	0mm	Ant 8+6	DSI 4	Open	656000	3840	24.54	24.90	1.086	50	1.000	0.05	0.338	0.367
FR1 n77_HPUE	100M	BPSK	1	1	Top Side	0mm	Ant 8+6	DSI 12	Open	656000	3840	12.26	13.00	1.186	50	1.000	-0.1	0.534	0.633
FR1 n77_HPUE	100M	BPSK	135	69	Top Side	0mm	Ant 8+6	DSI 12	Open	656000	3840	12.23	13.00	1.194	50	1.000	-0.07	0.524	0.626
FR1 n77_HPUE	100M	BPSK	270	0	Top Side	0mm	Ant 8+6	DSI 12	Open	656000	3840	12.09	13.00	1.233	50	1.000	0.03	0.479	0.591
FR1 n77_HPUE_PC1.5	100M	BPSK	1	1	Top Side	0mm	Ant 8+6	DSI 12	Open	656000	3840	15.23	16.00	1.194	25	1.000	0.17	0.378	0.451
FR1 n77_HPUE	100M	BPSK	1	1	Back Top	11mm	Ant 8+6	DSI 4	Open	656000	3840	24.59	24.90	1.074	50	1.000	-0.01	0.453	0.487
FR1 n77_HPUE	100M	BPSK	135	69	Back Top	11mm	Ant 8+6	DSI 4	Open	656000	3840	24.54	24.90	1.086	50	1.000	0.12	0.358	0.389
FR1 n77_HPUE	100M	BPSK	1	1	Top Side	15mm	Ant 8+6	DSI 4	Open	656000	3840	24.59	24.90	1.074	50	1.000	0.02	0.436	0.468
FR1 n77_HPUE	100M	BPSK	135	69	Top Side	15mm	Ant 8+6	DSI 4	Open	656000	3840	24.54	24.90	1.086	50	1.000	-0.02	0.329	0.357
FR1 n77_HPUE_PC1.5	100M	BPSK	1	1	Back Top	11mm	Ant 8+6	DSI 4	Open	656000	3840	27.62	27.90	1.067	25	1.000	0.13	0.429	0.458

**UL CA SAR**

Plot No	Band	BW	Modulation	RB Size	RB Offset	Test Position	Gap (mm)	Antenna	Power State	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-Up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)
	LTE Band 7	20M	QPSK	1	99	Top Side	0mm	Ant 3	DSI 12	21100+21298	2535+2554.8	11.45	12.9	1.396	100	1.000	0.01	0.821	1.146
	LTE Band 7	20M	QPSK	1	99	Back	0mm	Ant 2	DSI 12	21100+21298	2535+2554.8	13.41	14.6	1.315	100	1.000	0.02	0.905	1.19
	LTE Band 7	20M	QPSK	1	0	Back Right	0mm	Ant 4	DSI 12	21350+21152	2560+2540.2	12.75	14.2	1.396	100	1.000	0.03	0.856	1.195
	LTE Band 7	20M	QPSK	1	99	Bottom Side	0mm	Ant 0	DSI 12	21100+21298	2535+2554.8	13.75	14.9	1.303	100	1.000	0.03	0.905	1.179
	LTE Band 2	20M	QPSK	1	99	Back Top	0mm	Ant 3	DSI 12	18900+19098	1880+1899.8	13.45	14.8	1.365	100	1.000	0.06	0.825	1.126
	LTE Band 2	20M	QPSK	1	99	Back	0mm	Ant 2	DSI 12	18900+19098	1880+1899.8	14.51	15.9	1.377	100	1.000	0.03	0.835	1.15
	LTE Band 2	20M	QPSK	1	99	Back Right	0mm	Ant 4	DSI 12	18900+19098	1880+1899.8	14.75	16.3	1.429	100	1.000	0.03	0.836	1.195
	LTE Band 2	20M	QPSK	1	99	Back	0mm	Ant 0	DSI 12	18900+19098	1880+1899.8	15.76	17.5	1.493	100	1.000	0.02	0.798	1.191
	LTE Band 5	10M	QPSK	1	49	Back	0mm	Ant 0	DSI 12	20476+20575	831.6+841.5	19.81	21.6	1.510	100	1.000	0.03	0.751	1.134
	LTE Band 5	10M	QPSK	1	49	Right Side	0mm	Ant 1	DSI 4	20476+20575	831.6+841.5	19.65	21.4	1.496	100	1.000	0.01	0.741	1.109
	LTE Band 66	20M	QPSK	1	99	Top Side	0mm	Ant 3	DSI 12	132322+132520	1745+1764.8	15.73	17	1.340	100	1.000	0.01	0.851	1.14
	LTE Band 66	20M	QPSK	1	99	Back	0mm	Ant 2	DSI 12	132322+132520	1745+1764.8	14.25	15.6	1.365	100	1.000	0.02	0.863	1.178
	LTE Band 66	20M	QPSK	1	99	Back Right	0mm	Ant 4	DSI 12	132072+132270	1720+1739.8	16.61	18.1	1.409	100	1.000	0.02	0.820	1.155
	LTE Band 66	20M	QPSK	1	99	Back	0mm	Ant 0	DSI 12	132322+132520	1745+1764.8	16.51	18.1	1.442	100	1.000	0.02	0.765	1.103
	LTE Band 41	20M	QPSK	1	99	Top Side	0mm	Ant 3	DSI 12	40620+40818	2593+2612.8	13.75	15	1.334	62.9	1.006	0.02	0.801	1.075
	LTE Band 41_HPUE	20M	QPSK	1	99	Top Side	0mm	Ant 3	DSI 12	40620+40818	2593+2612.8	15.45	16.6	1.303	42.9	1.009	0.03	0.889	1.169
	LTE Band 41	20M	QPSK	1	99	Back	0mm	Ant 2	DSI 12	40620+40818	2593+2612.8	14.11	15.7	1.442	62.9	1.006	0.03	0.765	1.11
	LTE Band 41_HPUE	20M	QPSK	1	99	Back	0mm	Ant 2	DSI 12	40620+40818	2593+2612.8	16.01	17.3	1.346	42.9	1.009	0.01	0.845	1.148
	LTE Band 41	20M	QPSK	1	99	Back Right	0mm	Ant 4	DSI 12	41055+41253	2636.5+2656.3	14.65	16.3	1.462	62.9	1.006	0.03	0.756	1.112
	LTE Band 41_HPUE	20M	QPSK	1	99	Back Right	0mm	Ant 4	DSI 12	41055+41253	2636.5+2656.3	16.38	17.9	1.419	42.9	1.009	0.01	0.835	1.196
	LTE Band 41	20M	QPSK	1	99	Bottom Side	0mm	Ant 0	DSI 12	40620+40818	2593+2612.8	14.75	16.2	1.396	62.9	1.006	0.01	0.801	1.125
	LTE Band 41_HPUE	20M	QPSK	1	99	Bottom Side	0mm	Ant 0	DSI 12	40620+40818	2593+2612.8	16.73	17.8	1.279	42.9	1.009	0.03	0.869	1.121
	LTE Band 42	20M	QPSK	1	99	Back	0mm	Ant 2	DSI 12	42190+42388	3460+3479.8	14.51	15.8	1.346	62.9	1.006	0.02	0.801	1.085
	LTE Band 42	20M	QPSK	1	99	Back Right	0mm	Ant 4	DSI 12	42190+42388	3460+3479.8	15.46	16.9	1.393	62.9	1.006	0.01	0.765	1.072
	LTE Band 42	20M	QPSK	1	99	Back Top	0mm	Ant 6	DSI 12	42190+42388	3460+3479.8	15.31	16.6	1.346	62.9	1.006	0.01	0.801	1.085
	LTE Band 42	20M	QPSK	1	99	Top Side	0mm	Ant 8	DSI 12	42190+42388	3460+3479.8	12.83	14.3	1.403	62.9	1.006	0.01	0.825	1.164
	LTE Band 42	20M	QPSK	1	99	Back	0mm	Ant 2	DSI 12	43340+43538	3575+3594.8	14.35	15.8	1.396	62.9	1.006	0.01	0.765	1.074
	LTE Band 42	20M	QPSK	1	99	Back Right	0mm	Ant 4	DSI 12	43340+43538	3575+3594.8	15.35	16.9	1.429	62.9	1.006	0.02	0.801	1.151
	LTE Band 42	20M	QPSK	1	99	Back Top	0mm	Ant 6	DSI 12	43340+43538	3575+3594.8	15.28	16.6	1.355	62.9	1.006	0.01	0.801	1.092
	LTE Band 42	20M	QPSK	1	99	Top Side	0mm	Ant 8	DSI 12	43340+43538	3575+3594.8	12.76	14.3	1.426	62.9	1.006	0.02	0.751	1.077
	LTE Band 48	20M	QPSK	1	99	Back	0mm	Ant 2	DSI 12	55340+55538	3560+3579.8	13.85	15.4	1.429	62.9	1.006	0.01	0.795	1.143
	LTE Band 48	20M	QPSK	1	99	Back Right	0mm	Ant 4	DSI 12	55830+56028	3609+3628.8	16.03	17.7	1.469	62.9	1.006	0.02	0.732	1.082
	LTE Band 48	20M	QPSK	1	0	Back Top	0mm	Ant 6	DSI 12	56640+56442	3690+3670.2	18.13	19.7	1.435	62.9	1.006	0.02	0.765	1.104
	LTE Band 48	20M	QPSK	1	99	Top Side	0mm	Ant 8	DSI 12	56640+56442	3690+3670.2	12.11	13.9	1.510	62.9	1.006	0.03	0.745	1.132
	FR1 n41	100M	BPSK	144	129	Top Side	0mm	Ant 3	DSI 12	509598+528582	2547.99+2642.91	12.58	13.6	1.265	100	1.000	-0.06	0.865	1.094
	FR1 n41	100M	BPSK	144	129	Back	0mm	Ant 2	DSI 12	509598+528582	2547.99+2642.91	11.98	12.8	1.208	100	1.000	0.04	0.911	1.1
	FR1 n41	100M	BPSK	144	129	Back Right	0mm	Ant 4	DSI 12	509598+528582	2547.99+2642.91	14.05	15	1.245	100	1.000	0.03	0.923	1.149
	FR1 n41	100M	BPSK	144	129	Bottom Side	0mm	Ant 0	DSI 12	509598+528582	2547.99+2642.91	19.35	20.4	1.274	100	1.000	0.01	0.932	1.187
	FR1 n77	100M	BPSK	162	108	Back	0mm	Ant 2	DSI 12	655008+659334	3825.12+3890.01	10.53	11.4	1.222	100	1.000	-0.02	0.896	1.095
	FR1 n77	100M	BPSK	162	108	Back Right	0mm	Ant 4	DSI 12	655008+659334	3825.12+3890.01	9.22	10	1.197	100	1.000	0.04	0.511	0.612
	FR1 n77_HPUE	100M	BPSK	162	108	Back Right	0mm	Ant 4	DSI 12	655008+659334	3825.12+3890.01	12.24	13	1.191	50	1.000	0.02	0.496	0.591
	FR1 n77	100M	BPSK	162	108	Back Top	0mm	Ant 6	DSI 12	655008+659334	3825.12+3890.01	11.66	12.6	1.242	100	1.000	0.03	0.965	1.199
	FR1 n77	100M	BPSK	162	108	Top Side	0mm	Ant 8	DSI 12	655008+659334	3825.12+3890.01	11.75	12.8	1.274	100	1.000	0.01	0.923	1.176
	FR1 n77_HPUE	100M	BPSK	162	108	Top Side	0mm	Ant 8	DSI 12	655008+659334	3825.12+3890.01	14.92	15.8	1.225	50	1.000	0.07	0.897	1.099



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)
141	WLAN2.4GHz	802.11b 1Mbps	Back Top	0mm	Ant 7+11(7)	DSI 12	6	2437	14.48	16	1.419	97.05	1.030	-0.06	0.944	1.38
	WLAN2.4GHz	802.11b 1Mbps	Back Top	0mm	Ant 7+11(7)	DSI 12	1	2412	14.41	16	1.442	97.05	1.030	0.03	0.845	1.255
	WLAN2.4GHz	802.11b 1Mbps	Back Top	0mm	Ant 7+11(7)	DSI 12	11	2462	14.35	16	1.462	97.05	1.030	0.02	0.756	1.138
	WLAN2.4GHz	802.11g 6Mbps	Back Top	0mm	Ant 7+11(7)	DSI 12	11	2462	14.43	16	1.435	99.04	1.010	0.01	0.635	0.92
	WLAN2.4GHz	802.11b 1Mbps	Back Right	0mm	Ant 7+11(7)	DSI 12	6	2437	14.48	16	1.419	97.05	1.030	0.11	0.543	0.794
	WLAN2.4GHz	802.11b 1Mbps	Back 1	0mm	Ant 7+11(7)	DSI 12	6	2437	14.48	16	1.419	97.05	1.030	-0.18	0.192	0.281
	WLAN2.4GHz	802.11b 1Mbps	Right Side	0mm	Ant 7+11(7)	DSI 12	6	2437	14.48	16	1.419	97.05	1.030	0.11	0.256	0.374
	WLAN2.4GHz	802.11b 1Mbps	Top Side	0mm	Ant 7+11(7)	DSI 12	6	2437	14.48	16	1.419	97.05	1.030	-0.19	0.822	1.201
	WLAN2.4GHz	802.11b 1Mbps	Top Side	0mm	Ant 7+11(7)	DSI 12	11	2462	14.35	16	1.462	97.05	1.030	0.01	0.721	1.086
	WLAN2.4GHz	802.11g 6Mbps	Top Side	0mm	Ant 7+11(7)	DSI 12	11	2462	14.43	16	1.435	99.04	1.010	0.02	0.705	1.022
	WLAN2.4GHz	802.11b 1Mbps	Back 1	9mm	Ant 7+11(7)	DSI 4	11	2462	20.77	22.5	1.489	97.05	1.030	0	0.058	0.089
	WLAN2.4GHz	802.11b 1Mbps	Back Top	9mm	Ant 7+11(7)	DSI 4	11	2462	20.77	22.5	1.489	97.05	1.030	-0.09	0.280	0.429
	WLAN2.4GHz	802.11b 1Mbps	Back Right	9mm	Ant 7+11(7)	DSI 4	11	2462	20.77	22.5	1.489	97.05	1.030	0.13	0.163	0.25
	WLAN2.4GHz	802.11b 1Mbps	Right Side	15mm	Ant 7+11(7)	DSI 4	11	2462	20.77	22.5	1.489	97.05	1.030	-0.17	0.055	0.084
	WLAN2.4GHz	802.11b 1Mbps	Top Side	9mm	Ant 7+11(7)	DSI 4	11	2462	20.77	22.5	1.489	97.05	1.030	0.18	0.326	0.5
	WLAN5GHz	802.11ac-VHT80 MCS0	Back Top	0mm	Ant 6+1(6)	DSI 12	42	5210	6.73	8.5	1.503	100	1.000	0.09	0.294	0.442
142	WLAN5GHz	802.11ac-VHT80 MCS0	Back Right	0mm	Ant 6+1(6)	DSI 12	42	5210	6.73	8.5	1.503	100	1.000	0.09	0.701	1.054
	WLAN5GHz	802.11ac-VHT80 MCS0	Back 1	0mm	Ant 6+1(6)	DSI 12	42	5210	6.73	8.5	1.503	100	1.000	0.07	0.119	0.179
	WLAN5GHz	802.11ac-VHT80 MCS0	Right Side	0mm	Ant 6+1(6)	DSI 4	42	5210	13.35	15.3	1.567	100	1.000	0.02	0.665	1.042
	WLAN5GHz	802.11ac-VHT80 MCS0	Top Side	0mm	Ant 6+1(6)	DSI 12	42	5210	6.73	8.5	1.503	100	1.000	0.05	0.512	0.77
	WLAN5GHz	802.11ac-VHT80 MCS0	Back Top	11mm	Ant 6+1(6)	DSI 4	42	5210	13.35	15.3	1.567	100	1.000	0.02	0.155	0.243
	WLAN5GHz	802.11ac-VHT80 MCS0	Back 1	11mm	Ant 6+1(6)	DSI 4	42	5210	13.35	15.3	1.567	100	1.000	0.03	0.089	0.139
	WLAN5GHz	802.11ac-VHT80 MCS0	Back Right	11mm	Ant 6+1(6)	DSI 4	42	5210	13.35	15.3	1.567	100	1.000	0.02	0.232	0.364
	WLAN5GHz	802.11ac-VHT80 MCS0	Top Side	15mm	Ant 6+1(6)	DSI 4	42	5210	13.35	15.3	1.567	100	1.000	0.01	0.031	0.049
	WLAN5GHz	802.11ac-VHT160 MCS0	Back Top	0mm	Ant 6+1(6)	DSI 12	50	5250	6.32	8	1.472	100	1.000	0.02	0.312	0.459
143	WLAN5GHz	802.11ac-VHT160 MCS0	Back Right	0mm	Ant 6+1(6)	DSI 12	50	5250	6.32	8	1.472	100	1.000	-0.05	0.758	1.116
	WLAN5GHz	802.11ac-VHT160 MCS0	Back 1	0mm	Ant 6+1(6)	DSI 12	50	5250	6.32	8	1.472	100	1.000	0.19	0.181	0.266
	WLAN5GHz	802.11ac-VHT160 MCS0	Right Side	0mm	Ant 6+1(6)	DSI 12	50	5250	13.41	15.3	1.545	100	1.000	0.02	0.721	1.114
	WLAN5GHz	802.11ac-VHT160 MCS0	Top Side	0mm	Ant 6+1(6)	DSI 12	50	5250	6.32	8	1.472	100	1.000	0.15	0.466	0.686
	WLAN5GHz	802.11ac-VHT160 MCS0	Back Top	11mm	Ant 6+1(6)	DSI 4	50	5250	13.41	15.3	1.545	100	1.000	0.02	0.151	0.233
	WLAN5GHz	802.11ac-VHT160 MCS0	Back 1	11mm	Ant 6+1(6)	DSI 4	50	5250	13.41	15.3	1.545	100	1.000	0.01	0.075	0.116
	WLAN5GHz	802.11ac-VHT160 MCS0	Back Right	11mm	Ant 6+1(6)	DSI 4	50	5250	13.41	15.3	1.545	100	1.000	0.03	0.238	0.368
	WLAN5GHz	802.11ac-VHT160 MCS0	Top Side	15mm	Ant 6+1(6)	DSI 4	50	5250	13.41	15.3	1.545	100	1.000	0.05	0.021	0.032
	WLAN5GHz	802.11ac-VHT160 MCS0	Back Top	0mm	Ant 6+1(1)	DSI 12	114	5570	6.45	8	1.429	100	1.000	-0.01	0.413	0.59
	WLAN5GHz	802.11ac-VHT160 MCS0	Back Right	0mm	Ant 6+1(1)	DSI 12	114	5570	6.45	8	1.429	100	1.000	-0.1	0.662	0.946
	WLAN5GHz	802.11ac-VHT160 MCS0	Back 1	0mm	Ant 6+1(1)	DSI 12	114	5570	6.45	8	1.429	100	1.000	0.01	0.129	0.184
	WLAN5GHz	802.11ac-VHT160 MCS0	Right Side	0mm	Ant 6+1(1)	DSI 4	114	5570	16.79	18.3	1.416	100	1.000	0.03	0.705	0.998
144	WLAN5GHz	802.11ac-VHT160 MCS0	Top Side	0mm	Ant 6+1(1)	DSI 12	114	5570	6.45	8	1.429	100	1.000	0.01	0.726	1.037
	WLAN5GHz	802.11ac-VHT160 MCS0	Back Top	11mm	Ant 6+1(6)	DSI 4	114	5570	16.79	18.3	1.416	100	1.000	-0.03	0.311	0.44
	WLAN5GHz	802.11ac-VHT160 MCS0	Back 1	11mm	Ant 6+1(6)	DSI 4	114	5570	16.79	18.3	1.416	100	1.000	-0.01	0.181	0.256
	WLAN5GHz	802.11ac-VHT160 MCS0	Back Right	11mm	Ant 6+1(6)	DSI 4	114	5570	16.79	18.3	1.416	100	1.000	-0.05	0.356	0.504
	WLAN5GHz	802.11ac-VHT160 MCS0	Top Side	15mm	Ant 6+1(6)	DSI 4	114	5570	16.79	18.3	1.416	100	1.000	0.04	0.312	0.442
145	WLAN5GHz	802.11ac-VHT80 MCS0	Back Top	0mm	Ant 6+1(1)	DSI 12	155	5775	7.37	9	1.455	100	1.000	0.01	0.731	1.064
	WLAN5GHz	802.11ac-VHT80 MCS0	Back Right	0mm	Ant 6+1(1)	DSI 12	155	5775	7.37	9	1.455	100	1.000	-0.15	0.336	0.489
	WLAN5GHz	802.11ac-VHT80 MCS0	Back 1	0mm	Ant 6+1(1)	DSI 12	155	5775	7.37	9	1.455	100	1.000	-0.16	0.104	0.151
	WLAN5GHz	802.11ac-VHT80 MCS0	Right Side	0mm	Ant 6+1(1)	DSI 4	155	5775	17.83	19.4	1.435	100	1.000	0.03	0.701	1.006
	WLAN5GHz	802.11ac-VHT80 MCS0	Top Side	0mm	Ant 6+1(1)	DSI 12	155	5775	7.37	9	1.455	100	1.000	0.02	0.445	0.647
	WLAN5GHz	802.11ac-VHT80 MCS0	Back Top	11mm	Ant 6+1(1)	DSI 4	155	5775	17.83	19.4	1.435	100	1.000	-0.14	0.325	0.466
	WLAN5GHz	802.11ac-VHT80 MCS0	Back 1	11mm	Ant 6+1(1)	DSI 4	155	5775	17.83	19.4	1.435	100	1.000	0.04	0.101	0.145
	WLAN5GHz	802.11ac-VHT80 MCS0	Back Right	11mm	Ant 6+1(1)	DSI 4	155	5775	17.83	19.4	1.435	100	1.000	0.12	0.356	0.511
	WLAN5GHz	802.11ac-VHT80 MCS0	Top Side	15mm	Ant 6+1(1)	DSI 4	155	5775	17.83	19.4	1.435	100	1.000	0	0.345	0.495
	Bluetooth	1Mbps	Back Top	0mm	Ant 7	DSI 12	39	2441	15.26	15.9	1.159	77.01	1.082	-0.02	0.744	0.933
	Bluetooth	1Mbps	Back Top	0mm	Ant 7	DSI 12	0	2402	14.56	15.9	1.361	77.01	1.082	0.02	0.612	0.901
	Bluetooth	1Mbps	Back Right	0mm	Ant 7	DSI 12	39	2441	15.26	15.9	1.159	77.01	1.082	-0.14	0.751	0.942
	Bluetooth	1Mbps	Back Right	0mm	Ant 7	DSI 12	0	2402	14.56	15.9	1.361	77.01	1.082	0.01	0.615	0.906
	Bluetooth	1Mbps	Back 1	0mm	Ant 7	DSI 12	39	2441	15.26	15.9	1.159	77.01	1.082	0	0.073	0.092
	Bluetooth	1Mbps	Right Side	0mm	Ant 7	DSI 12	39	2441	15.26	15.9	1.159	77.01	1.082	0.18	0.530	0.665
146	Bluetooth	1Mbps	Top Side	0mm	Ant 7	DSI 12	39	2441	15.26	15.9	1.159	77.01	1.082	0.09	1.090	1.367
	Bluetooth	1Mbps	Top Side	0mm	Ant 7	DSI 12	0	2402	14.56	15.9	1.361	77.01	1.082	0.02	0.612	0.901
	Bluetooth	1Mbps	Top Side	0mm	Ant 7	DSI 12	78	2480	13.75	15.5	1.496	77.01	1.082	0.02	0.651	1.054
	Bluetooth	1Mbps	Back 1	9mm	Ant 7	DSI 4	39	2441	18.87	20.5	1.455	77.01	1.082	0.02	0.107	0.168
	Bluetooth	1Mbps	Back Top	9mm	Ant 7	DSI 4	39	2441	18.87	20.5	1.455	77.01	1.082	0.03	0.169	0.266
	Bluetooth	1Mbps	Back Right	9mm	Ant 7	DSI 4	39	2441	18.87	20.5	1.455	77.01	1.082	0.05	0.170	0.268
	Bluetooth	1Mbps	Right Side	15mm	Ant 7	DSI 4	39	2441	18.87	20.5	1.455	77.01	1.082	0.06	0.032	0.05
	Bluetooth	1Mbps	Top Side	9mm	Ant 7	DSI 4	39	2441	18.87	20.5	1.455	77.01	1.082	0	0.171	0.269
	Bluetooth	1Mbps	Back Top	0mm	Ant 11	DSI 4	39	2441	19.41	21	1.442	76.66	1.087	0.09	0.781	1.224
	Bluetooth	1Mbps	Back Top	0mm	Ant 11	DSI 4	0	2402	19.22	21	1.507	76.66	1.087	0.02	0.701	1.148
	Bluetooth	1Mbps	Back Top	0mm	Ant 11	DSI 4	78	2480	18.76	20.5	1.493	76.66	1.087	0.03	0.651	1.057



FCC SAR Test Report

Report No. : FA5N1310

	Bluetooth	1Mbps	Back Right	0mm	Ant 11	DSI 4	39	2441	19.41	21	1.442	76.66	1.087	0.09	0.159	0.249
	Bluetooth	1Mbps	Back 1	0mm	Ant 11	DSI 4	39	2441	19.41	21	1.442	76.66	1.087	0.17	0.278	0.436
	Bluetooth	1Mbps	Right Side	0mm	Ant 11	DSI 4	39	2441	19.41	21	1.442	76.66	1.087	-0.01	0.026	0.041
	Bluetooth	1Mbps	Top Side	0mm	Ant 11	DSI 4	39	2441	19.41	21	1.442	76.66	1.087	-0.01	0.263	0.412

Plot No	Band	Mode	Test Position	Gap (mm)	Antenna	Power State	EUT Flip State	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-Up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)	Measured APD (W/m^2)
	WLAN6GHZ	802.11be-EHT320 MCS0	Back Top	0mm	Ant 6+1(6)	DSI12	Open	31	6105	7.21	9.00	1.510	31	6105	0.02	0.471	0.711	2.580
	WLAN6GHZ	802.11be-EHT320 MCS0	Back Right	0mm	Ant 6+1(6)	DSI12	Open	31	6105	7.21	9.00	1.510	31	6105	0.05	0.185	0.279	1.080
	WLAN6GHZ	802.11be-EHT320 MCS0	Back 1	0mm	Ant 6+1(6)	DSI12	Open	31	6105	7.21	9.00	1.510	31	6105	0.03	0.113	0.171	0.603
	WLAN6GHZ	802.11be-EHT320 MCS0	Top Side	0mm	Ant 6+1(6)	DSI12	Open	31	6105	7.21	9.00	1.510	31	6105	0.03	0.626	0.945	3.450
	WLAN6GHZ	802.11be-EHT320 MCS0	Top Side	0mm	Ant 6+1(6)	DSI12	Open	63	6265	7.25	9.00	1.496	63	6265	0.04	0.666	0.996	3.600
	WLAN6GHZ	802.11be-EHT320 MCS0	Top Side	0mm	Ant 6+1(1)	DSI12	Open	95	6425	6.93	8.50	1.435	95	6425	0.07	0.717	1.029	3.710
147	WLAN6GHZ	802.11be-EHT320 MCS0	Top Side	0mm	Ant 6+1(1)	DSI12	Open	127	6585	6.95	8.50	1.429	127	6585	0.04	0.756	1.08	3.810
	WLAN6GHZ	802.11be-EHT320 MCS0	Top Side	0mm	Ant 6+1(1)	DSI12	Open	159	6745	5.45	7.00	1.429	159	6745	0.01	0.743	1.062	3.740
	WLAN6GHZ	802.11be-EHT320 MCS0	Top Side	0mm	Ant 6+1(1)	DSI12	Open	191	6905	5.51	7.00	1.409	191	6905	0.07	0.733	1.033	3.550
	WLAN6GHZ	802.11ax-HE160 MCS0	Right Side	0mm	Ant 6+1(6)	DSI4	Open	207	6985	17.2	19.00	1.514	207	6985	0.01	0.403	0.61	2.150
	WLAN6GHZ	802.11ax-HE160 MCS0	Bottom Side	0mm	Ant 6+1(6)	DSI4	Open	207	6985	17.2	19.00	1.514	207	6985	0.05	0.001	0.002	0.020
	WLAN6GHZ	802.11be-EHT320 MCS0	Back Top	0mm	Ant 6+1(1)	DSI12	Open	127	6585	6.95	8.50	1.429	127	6585	0.03	0.465	0.664	2.450
	WLAN6GHZ	802.11be-EHT320 MCS0	Back Right	0mm	Ant 6+1(1)	DSI12	Open	127	6585	6.95	8.50	1.429	127	6585	-0.01	0.175	0.25	1.030
	WLAN6GHZ	802.11be-EHT320 MCS0	Back 1	0mm	Ant 6+1(1)	DSI12	Open	127	6585	6.95	8.50	1.429	127	6585	0.06	0.107	0.153	0.566
	WLAN6GHZ	802.11be-EHT320 MCS0	Bottom Side	0mm	Ant 6+1(1)	DSI12	Open	127	6585	6.95	8.50	1.429	127	6585	-0.01	0.001	0.001	0.019
	WLAN6GHZ	802.11ax-HE160 MCS0	Back Top	11mm	Ant 6+1(6)	DSI4	Open	207	6985	17.2	19.00	1.514	207	6985	0.02	0.649	0.983	3.470
	WLAN6GHZ	802.11ax-HE160 MCS0	Back Right	11mm	Ant 6+1(6)	DSI4	Open	207	6985	17.2	19.00	1.514	207	6985	0.03	0.345	0.522	1.840
	WLAN6GHZ	802.11ax-HE160 MCS0	Back 1	11mm	Ant 6+1(6)	DSI4	Open	207	6985	17.2	19.00	1.514	207	6985	0.01	0.451	0.683	2.410
	WLAN6GHZ	802.11ax-HE160 MCS0	Top Side	15mm	Ant 6+1(6)	DSI4	Open	207	6985	17.2	19.00	1.514	207	6985	0.05	0.238	0.36	1.270



16.5 Product specific 10g SAR

<Flip Close>

【GSM SAR】

Plot No	Band	Mode	Test Position	Gap (mm)	Antenna	Power State	EUT Flip State	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-Up Scaling Factor	Power Drift (dB)	Measured 10g SAR (W/kg)	Reported 10g SAR (W/kg)
148	GSM1900	GPRS 3 Tx slots	Back Top	0mm	Ant 3	DSI 6	Close	661	1880	25.36	26.50	1.3	0.08	1.990	2.587
	GSM1900	GPRS 3 Tx slots	Back Top	0mm	Ant 3	DSI 6	Close	512	1850.2	25.04	26.50	1.4	-0.05	1.740	2.436
	GSM1900	GPRS 3 Tx slots	Back Top	0mm	Ant 3	DSI 6	Close	810	1909.8	25.00	26.50	1.413	0.17	1.640	2.317
	GSM1900	GPRS 3 Tx slots	Top Side	0mm	Ant 3	DSI 6	Close	661	1880	25.36	26.50	1.3	-0.15	1.770	2.301
	GSM1900	GPRS 3 Tx slots	Top Side	0mm	Ant 3	DSI 6	Close	512	1850.2	25.04	26.50	1.4	-0.09	1.720	2.408
	GSM1900	GPRS 3 Tx slots	Top Side	0mm	Ant 3	DSI 6	Close	810	1909.8	25.00	26.50	1.413	0.09	1.760	2.487

【WCDMA SAR】

Plot No	Band	Mode	Test Position	Gap (mm)	Antenna	Power State	EUT Flip State	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-Up Scaling Factor	Power Drift (dB)	Measured 10g SAR (W/kg)	Reported 10g SAR (W/kg)
149	WCDMA II	RMC 12.2Kbps	Back Top	0mm	Ant 3	DSI 6	Close	9400	1880	21.06	22.10	1.271	0.09	2.480	3.152
	WCDMA II	RMC 12.2Kbps	Back Top	0mm	Ant 3	DSI 6	Close	9262	1852.4	21.02	22.10	1.282	0.03	2.030	2.602
	WCDMA II	RMC 12.2Kbps	Back Top	0mm	Ant 3	DSI 6	Close	9538	1907.6	20.98	22.10	1.294	0.11	2.200	2.847
	WCDMA II	RMC 12.2Kbps	Top Side	0mm	Ant 3	DSI 6	Close	9400	1880	21.06	22.10	1.271	0.13	1.820	2.313
	WCDMA II	RMC 12.2Kbps	Top Side	0mm	Ant 3	DSI 6	Close	9262	1852.4	21.02	22.10	1.282	0.10	1.720	2.205
	WCDMA II	RMC 12.2Kbps	Top Side	0mm	Ant 3	DSI 6	Close	9538	1907.6	20.98	22.10	1.294	0.08	1.740	2.252
	WCDMA II	RMC 12.2Kbps	Back Top	4mm	Ant 3	DSI 4	Close	9400	1880	23.76	24.00	1.057	-0.05	1.890	1.998
	WCDMA II	RMC 12.2Kbps	Top Side	7mm	Ant 3	DSI 4	Close	9400	1880	23.76	24.00	1.057	0.08	1.520	1.607
	WCDMA II	RMC 12.2Kbps	Back Right	0mm	Ant 4	DSI 6	Close	9400	1880	22.74	24.00	1.337	0.06	2.110	2.821
	WCDMA II	RMC 12.2Kbps	Back Right	0mm	Ant 4	DSI 6	Close	9262	1852.4	22.62	24.00	1.374	0.03	2.260	3.105
	WCDMA II	RMC 12.2Kbps	Back Right	0mm	Ant 4	DSI 6	Close	9538	1907.6	22.67	24.00	1.358	-0.18	1.780	2.417
	WCDMA II	RMC 12.2Kbps	Right Side	0mm	Ant 4	DSI 6	Close	9400	1880	22.74	24.00	1.337	0.07	1.880	2.514
	WCDMA II	RMC 12.2Kbps	Right Side	0mm	Ant 4	DSI 6	Close	9262	1852.4	22.62	24.00	1.374	-0.18	2.110	2.899
	WCDMA II	RMC 12.2Kbps	Right Side	0mm	Ant 4	DSI 6	Close	9538	1907.6	22.67	24.00	1.358	-0.01	1.590	2.159
	WCDMA IV	RMC 12.2Kbps	Back Top	0mm	Ant 3	DSI 6	Close	1413	1732.6	21.16	22.20	1.271	0.16	2.390	3.038
	WCDMA IV	RMC 12.2Kbps	Back Top	0mm	Ant 3	DSI 6	Close	1312	1712.4	21.13	22.20	1.279	-0.11	2.280	2.916
150	WCDMA IV	RMC 12.2Kbps	Back Top	0mm	Ant 3	DSI 6	Close	1513	1752.6	21.15	22.20	1.274	0.07	2.480	3.160
	WCDMA IV	RMC 12.2Kbps	Back Top	4mm	Ant 3	DSI 4	Close	1413	1732.6	23.75	24.00	1.059	-0.01	1.050	1.112
	WCDMA IV	RMC 12.2Kbps	Back Right	0mm	Ant 4	DSI 6	Close	1413	1732.6	22.76	23.80	1.271	-0.09	2.200	2.796
	WCDMA IV	RMC 12.2Kbps	Back Right	0mm	Ant 4	DSI 6	Close	1312	1712.4	22.73	23.80	1.279	0.08	2.120	2.711
	WCDMA IV	RMC 12.2Kbps	Back Right	0mm	Ant 4	DSI 6	Close	1513	1752.6	22.72	23.80	1.282	0.09	2.460	3.154
	WCDMA IV	RMC 12.2Kbps	Right Side	0mm	Ant 4	DSI 6	Close	1413	1732.6	22.76	23.80	1.271	-0.05	1.890	2.402
	WCDMA IV	RMC 12.2Kbps	Right Side	0mm	Ant 4	DSI 6	Close	1312	1712.4	22.73	23.80	1.279	-0.10	1.800	2.302
	WCDMA IV	RMC 12.2Kbps	Right Side	0mm	Ant 4	DSI 6	Close	1513	1752.6	22.72	23.80	1.282	-0.15	1.710	2.192
	WCDMA IV	RMC 12.2Kbps	Back Right	6mm	Ant 4	DSI 4	Close	1413	1732.6	22.76	24.00	1.33	-0.09	0.507	0.674
	WCDMA IV	RMC 12.2Kbps	Right Side	8mm	Ant 4	DSI 4	Close	1413	1732.6	22.76	24.00	1.33	-0.10	0.408	0.543
151	WCDMA V	RMC 12.2Kbps	Back	0mm	Ant 0	DSI 6	Close	4182	836.4	23.49	24.00	1.125	0.02	1.200	1.350

【LTE SAR】

Plot No	Band	BW	Modulation	RB Size	RB Offset	Test Position	Gap (mm)	Antenna	Power State	EUT Flip State	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-Up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 10g SAR (W/kg)	Reported 10g SAR (W/kg)
	LTE Band 7	20M	QPSK	1	0	Front	0mm	Ant 3	DSI 6	Close	21100	2535	20.46	21.60	1.3			0.09	0.865	1.125
	LTE Band 7	20M	QPSK	50	0	Front	0mm	Ant 3	DSI 6	Close	21100	2535	20.38	21.60	1.324			-0.04	1.290	1.708
	LTE Band 7	20M	QPSK	1	0	Back Top	0mm	Ant 3	DSI 6	Close	21100	2535	20.46	21.60	1.3			-0.13	2.120	2.756
	LTE Band 7	20M	QPSK	1	0	Back Top	0mm	Ant 3	DSI 6	Close	20850	2510	20.41	21.60	1.315			-0.05	1.940	2.551
	LTE Band 7	20M	QPSK	1	0	Back Top	0mm	Ant 3	DSI 6	Close	21350	2560	20.43	21.60	1.309			0.08	1.990	2.605
	LTE Band 7	20M	QPSK	50	0	Back Top	0mm	Ant 3	DSI 6	Close	21100	2535	20.38	21.60	1.324			0.01	2.270	3.005
	LTE Band 7	20M	QPSK	50	0	Back Top	0mm	Ant 3	DSI 6	Close	20850	2510	20.34	21.60	1.337			-0.12	2.140	2.861
	LTE Band 7	20M	QPSK	50	0	Back Top	0mm	Ant 3	DSI 6	Close	21350	2560	20.33	21.60	1.34			0.19	2.170	2.908
	LTE Band 7	20M	QPSK	100	0	Back Top	0mm	Ant 3	DSI 6	Close	21100	2535	20.35	21.60	1.334			-0.01	2.120	2.828
	LTE Band 7	20M	QPSK	1	0	Top Side	0mm	Ant 3	DSI 6	Close	21100	2535	20.46	21.60	1.3			0.18	2.140	2.782
	LTE Band 7	20M	QPSK	1	0	Top Side	0mm	Ant 3	DSI 6	Close	20850	2510	20.41	21.60	1.315			0.11	2.220	2.919
152	LTE Band 7	20M	QPSK	1	0	Top Side	0mm	Ant 3	DSI 6	Close	21350	2560	20.43	21.60	1.309			-0.05	2.430	3.181
	LTE Band 7	20M	QPSK	50	0	Top Side	0mm	Ant 3	DSI 6	Close	21100	2535	20.38	21.60	1.324			-0.10	1.890	2.502
	LTE Band 7	20M	QPSK	50	0	Top Side	0mm	Ant 3	DSI 6	Close	20850	2510	20.34	21.60	1.337			0.03	1.820	2.433
	LTE Band 7	20M	QPSK	50	0	Top Side	0mm	Ant 3	DSI 6	Close	21350	2560	20.33	21.60	1.34			-0.00	1.960	2.626
	LTE Band 7	20M	QPSK	100	0	Top Side	0mm	Ant 3	DSI 6	Close	21100	2535	20.35	21.60	1.334			0.15	1.890	2.521
	LTE Band 7	20M	QPSK	1	0	Front	7mm	Ant 3	DSI 4	Close	21100	2535	23.35	24.00	1.161			-0.06	0.665	0.772



FCC SAR Test Report

Report No. : FA5N1310

	LTE Band 7	20M	QPSK	50	0	Front	7mm	Ant 3	DSI 4	Close	21100	2535	22.36	23.00	1.159			0.15	0.684	0.793
	LTE Band 7	20M	QPSK	1	0	Back Top	4mm	Ant 3	DSI 4	Close	21100	2535	23.35	24.00	1.161			0.03	1.710	1.985
	LTE Band 7	20M	QPSK	50	0	Back Top	4mm	Ant 3	DSI 4	Close	21100	2535	22.36	23.00	1.159			0.03	1.630	1.889
	LTE Band 7	20M	QPSK	1	0	Top Side	7mm	Ant 3	DSI 4	Close	21100	2535	23.35	24.00	1.161			0.11	1.560	1.811
	LTE Band 7	20M	QPSK	50	0	Top Side	7mm	Ant 3	DSI 4	Close	21100	2535	22.36	23.00	1.159			0.02	1.580	1.831
	LTE Band 7	20M	QPSK	1	0	Back	0mm	Ant 2	DSI 6	Close	21100	2535	21.88	23.10	1.324			0.17	2.060	2.727
	LTE Band 7	20M	QPSK	1	0	Back	0mm	Ant 2	DSI 6	Close	20850	2510	21.81	23.10	1.346			0.08	1.960	2.638
	LTE Band 7	20M	QPSK	1	0	Back	0mm	Ant 2	DSI 6	Close	21350	2560	21.85	23.10	1.334			0.09	1.940	2.588
	LTE Band 7	20M	QPSK	50	0	Back	0mm	Ant 2	DSI 6	Close	21100	2535	21.79	23.00	1.321			-0.18	1.780	2.351
	LTE Band 7	20M	QPSK	50	0	Back	0mm	Ant 2	DSI 6	Close	20850	2510	21.77	23.00	1.327			-0.14	1.630	2.163
	LTE Band 7	20M	QPSK	50	0	Back	0mm	Ant 2	DSI 6	Close	21350	2560	21.73	23.00	1.34			-0.08	1.670	2.238
	LTE Band 7	20M	QPSK	100	0	Back	0mm	Ant 2	DSI 6	Close	21100	2535	21.75	23.00	1.334			-0.05	1.600	2.134
	LTE Band 7	20M	QPSK	1	0	Bottom Side	0mm	Ant 2	DSI 6	Close	21100	2535	21.88	23.10	1.324			0.04	2.390	3.164
	LTE Band 7	20M	QPSK	1	0	Bottom Side	0mm	Ant 2	DSI 6	Close	20850	2510	21.81	23.10	1.346			0.00	2.210	2.975
	LTE Band 7	20M	QPSK	1	0	Bottom Side	0mm	Ant 2	DSI 6	Close	21350	2560	21.85	23.10	1.334			-0.03	2.210	2.948
	LTE Band 7	20M	QPSK	50	0	Bottom Side	0mm	Ant 2	DSI 6	Close	21100	2535	21.79	23.00	1.321			-0.17	1.760	2.325
	LTE Band 7	20M	QPSK	50	0	Bottom Side	0mm	Ant 2	DSI 6	Close	20850	2510	21.77	23.00	1.327			-0.02	1.760	2.336
	LTE Band 7	20M	QPSK	50	0	Bottom Side	0mm	Ant 2	DSI 6	Close	21350	2560	21.73	23.00	1.34			0.09	1.790	2.399
	LTE Band 7	20M	QPSK	100	0	Bottom Side	0mm	Ant 2	DSI 6	Close	21100	2535	21.75	23.00	1.334			0.01	1.770	2.361
	LTE Band 7	20M	QPSK	1	0	Back	10mm	Ant 2	DSI 4	Close	21100	2535	23.18	24.00	1.208			0.03	0.348	0.420
	LTE Band 7	20M	QPSK	50	0	Back	10mm	Ant 2	DSI 4	Close	21100	2535	22.20	23.00	1.202			0.07	0.274	0.329
	LTE Band 7	20M	QPSK	1	0	Bottom Side	6mm	Ant 2	DSI 4	Close	21100	2535	23.18	24.00	1.208			0.03	0.665	0.803
	LTE Band 7	20M	QPSK	50	0	Bottom Side	6mm	Ant 2	DSI 4	Close	21100	2535	22.20	23.00	1.202			0.05	0.542	0.651
	LTE Band 7	20M	QPSK	1	0	Back Right	0mm	Ant 4	DSI 6	Close	21100	2535	21.95	23.00	1.274			-0.11	2.150	2.739
	LTE Band 7	20M	QPSK	1	0	Back Right	0mm	Ant 4	DSI 6	Close	20850	2510	21.86	23.00	1.3			0.07	1.970	2.561
	LTE Band 7	20M	QPSK	1	0	Back Right	0mm	Ant 4	DSI 6	Close	21350	2560	21.92	23.00	1.282			0.08	2.350	3.013
	LTE Band 7	20M	QPSK	50	0	Back Right	0mm	Ant 4	DSI 6	Close	21100	2535	20.98	22.00	1.265			-0.06	1.650	2.087
	LTE Band 7	20M	QPSK	50	0	Back Right	0mm	Ant 4	DSI 6	Close	20850	2510	20.92	22.00	1.282			-0.08	1.600	2.051
	LTE Band 7	20M	QPSK	50	0	Back Right	0mm	Ant 4	DSI 6	Close	21350	2560	20.96	22.00	1.271			0.10	1.820	2.313
	LTE Band 7	20M	QPSK	100	0	Back Right	0mm	Ant 4	DSI 6	Close	21100	2535	20.94	22.00	1.276			0.16	1.690	2.156
	LTE Band 7	20M	QPSK	1	0	Right Side	0mm	Ant 4	DSI 6	Close	21100	2535	21.95	23.00	1.274			0.03	1.800	2.293
	LTE Band 7	20M	QPSK	1	0	Right Side	0mm	Ant 4	DSI 6	Close	20850	2510	21.86	23.00	1.3			0.06	1.710	2.223
	LTE Band 7	20M	QPSK	1	0	Right Side	0mm	Ant 4	DSI 6	Close	21350	2560	21.92	23.00	1.282			0.09	2.070	2.654
	LTE Band 7	20M	QPSK	50	0	Right Side	0mm	Ant 4	DSI 6	Close	21100	2535	20.98	22.00	1.265			-0.15	1.430	1.809
	LTE Band 7	20M	QPSK	100	0	Right Side	0mm	Ant 4	DSI 6	Close	21100	2535	20.94	22.00	1.276			0.02	1.450	1.850
	LTE Band 7	20M	QPSK	1	0	Back Right	6mm	Ant 4	DSI 4	Close	21100	2535	21.95	23.00	1.274			0.02	0.398	0.507
	LTE Band 7	20M	QPSK	50	0	Back Right	6mm	Ant 4	DSI 4	Close	21100	2535	20.98	22.00	1.265			-0.03	0.385	0.487
	LTE Band 7	20M	QPSK	1	0	Right Side	8mm	Ant 4	DSI 4	Close	21100	2535	21.95	23.00	1.274			-0.09	0.330	0.420
	LTE Band 7	20M	QPSK	50	0	Right Side	8mm	Ant 4	DSI 4	Close	21100	2535	20.98	22.00	1.265			-0.07	0.331	0.419
	LTE Band 7	20M	QPSK	1	0	Back	0mm	Ant 0	DSI 6	Close	21100	2535	22.85	24.00	1.303			0.04	2.220	2.893
	LTE Band 7	20M	QPSK	1	0	Back	0mm	Ant 0	DSI 6	Close	20850	2510	22.64	24.00	1.368			-0.00	2.000	2.736
	LTE Band 7	20M	QPSK	1	0	Back	0mm	Ant 0	DSI 6	Close	21350	2560	22.80	24.00	1.318			-0.01	2.000	2.636
	LTE Band 7	20M	QPSK	50	0	Back	0mm	Ant 0	DSI 6	Close	21100	2535	21.83	23.00	1.309			0.01	1.770	2.317
	LTE Band 7	20M	QPSK	50	0	Back	0mm	Ant 0	DSI 6	Close	20850	2510	21.81	23.00	1.315			-0.12	1.670	2.196
	LTE Band 7	20M	QPSK	50	0	Back	0mm	Ant 0	DSI 6	Close	21350	2560	21.77	23.00	1.327			-0.12	1.520	2.017
	LTE Band 7	20M	QPSK	100	0	Back	0mm	Ant 0	DSI 6	Close	21100	2535	21.76	23.00	1.33			-0.04	1.490	1.982
	LTE Band 7	20M	QPSK	1	0	Right Side	0mm	Ant 0	DSI 6	Close	21100	2535	22.85	24.00	1.303			0.02	1.650	2.150
	LTE Band 7	20M	QPSK	1	0	Right Side	0mm	Ant 0	DSI 6	Close	20850	2510	22.64	24.00	1.368			-0.18	1.580	2.161
	LTE Band 7	20M	QPSK	1	0	Right Side	0mm	Ant 0	DSI 6	Close	21350	2560	22.80	24.00	1.318			-0.04	1.570	2.069
	LTE Band 7	20M	QPSK	50	0	Right Side	0mm	Ant 0	DSI 6	Close	21100	2535	21.83	23.00	1.309			0.06	1.290	1.689
	LTE Band 7	20M	QPSK	100	0	Right Side	0mm	Ant 0	DSI 6	Close	21100	2535	21.76	23.00	1.33			0.15	1.360	1.809
153	LTE Band 25	20M	QPSK	1	0	Back Top	0mm	Ant 3	DSI 6	Close	26340	1880	21.06	22.50	1.393			0.09	2.300	3.204
	LTE Band 25	20M	QPSK	1	0	Back Top	0mm	Ant 3	DSI 6	Close	26140	1860	21.02	22.50	1.406			0.02	1.890	2.657
	LTE Band 25	20M	QPSK	1	0	Back Top	0mm	Ant 3	DSI 6	Close	26590	1905	21.05	22.50	1.396			0.09	2.160	3.015
	LTE Band 25	20M	QPSK	50	0	Back Top	0mm	Ant 3	DSI 6	Close	26340	1880	20.92	22.50	1.439			-0.04	1.600	2.302
	LTE Band 25	20M	QPSK	50	0	Back Top	0mm	Ant 3	DSI 6	Close	26140	1860	20.90	22.50	1.445			0.07	1.540	2.225
	LTE Band 25	20M	QPSK	50	0	Back Top	0mm	Ant 3	DSI 6	Close	26590	1905	20.88	22.50	1.452			0.07	1.730	2.512
	LTE Band 25	20M	QPSK	100	0	Back Top	0mm	Ant 3	DSI 6	Close	26340	1880	20.93	22.50	1.435			-0.15	1.810	2.597
	LTE Band 25	20M	QPSK	1	0	Top Side	0mm	Ant 3	DSI 6	Close	26340	1880	21.06	22.50	1.393			0.10	2.230	3.106
	LTE Band 25	20M	QPSK	1	0	Top Side	0mm	Ant 3	DSI 6	Close	26140	1860	21.02	22.50	1.406			-0.15	2.130	2.995
	LTE Band 25	20M	QPSK	1	0	Top Side	0mm	Ant 3	DSI 6	Close	26590	1905	21.05	22.50	1.396			0.17	2.120	2.960
	LTE Band 25	20M	QPSK	50	0	Top Side	0mm	Ant 3	DSI 6	Close	26340	1880	20.92	22.50	1.439			0.06	1.750	2.518
	LTE Band 25	20M	QPSK	50	0	Top Side	0mm	Ant 3	DSI 6	Close	26140	1860	20.90	22.50	1.445			0.00	1.710	2.471
	LTE Band 25	20M	QPSK	50	0	Top Side	0mm	Ant 3	DSI 6	Close	26590	1905	20.88	22.50	1.452			-0.01	1.720	2.497
	LTE Band 25	20M	QPSK	100	0	Top Side	0mm	Ant 3	DSI 6	Close	26340	1880	20.93	22.50	1.435			0.15	1.710	2.454
	LTE Band 25	20M	QPSK	1	0	Back Top	4mm	Ant 3	DSI 4	Close	26340	1880	22.33	23.00	1.167			0.04	1.590	1.856
	LTE Band 25	20M	QPSK	50	0	Back Top	4mm	Ant 3	DSI 4	Close	26340	1880	22.33	23.00	1.167			0.13	1.160	1.344
	LTE Band 25	20M	QPSK	1	0	Top Side	7mm	Ant 3	DSI 4	Close	26340	1880	22.33	23.00	1.167			-0.06	0.969	1.131
	LTE Band 25	20M	QPSK	50	0	Top Side	7mm	Ant 3	DSI 4	Close	26340	1880	22.33	23.00	1.167			-0.06	0.969	1.131
	LTE Band 25	20M	QPSK	1	0	Back	0mm	Ant 2	DSI 6	Close	26340	1880	21.99	22.80	1.205			-0.11	2.530	3.049
	LTE Band 25	20M	QPSK	1	0	Back	0mm	Ant 2	DSI 6	Close	26140	1860	21.95	22.80	1.216			0.14	2.590	3.149
	LTE Band 25	20M	QPSK	1	0	Back	0mm	Ant 2	DSI 6	Close	26590	1905	21.96	22.80	1.213			0.15	2.220	2.693
	LTE Band 25	20M	QPSK	50	0	Back	0mm	Ant 2	DSI 6	Close	26340	1880	2							



FCC SAR Test Report

Report No. : FA5N1310

	LTE Band 25	20M	QPSK	50	0	Back	0mm	Ant 2	DSI 6	Close	26140	1860	21.90	22.80	1.23			-0.16	1.960	2.411
	LTE Band 25	20M	QPSK	50	0	Back	0mm	Ant 2	DSI 6	Close	26590	1905	21.88	22.80	1.236			-0.13	1.830	2.262
	LTE Band 25	20M	QPSK	100	0	Back	0mm	Ant 2	DSI 6	Close	26340	1880	21.79	22.80	1.262			0.06	2.110	2.663
	LTE Band 25	20M	QPSK	1	0	Bottom Side	0mm	Ant 2	DSI 6	Close	26340	1880	21.99	22.80	1.205			-0.19	2.300	2.772
	LTE Band 25	20M	QPSK	1	0	Bottom Side	0mm	Ant 2	DSI 6	Close	26140	1860	21.95	22.80	1.216			0.04	2.300	2.797
	LTE Band 25	20M	QPSK	1	0	Bottom Side	0mm	Ant 2	DSI 6	Close	26590	1905	21.96	22.80	1.213			-0.01	2.270	2.754
	LTE Band 25	20M	QPSK	50	0	Bottom Side	0mm	Ant 2	DSI 6	Close	26340	1880	21.92	22.80	1.225			0.17	1.830	2.242
	LTE Band 25	20M	QPSK	50	0	Bottom Side	0mm	Ant 2	DSI 6	Close	26140	1860	21.90	22.80	1.23			0.11	1.860	2.288
	LTE Band 25	20M	QPSK	50	0	Bottom Side	0mm	Ant 2	DSI 6	Close	26590	1905	21.88	22.80	1.236			0.07	1.860	2.299
	LTE Band 25	20M	QPSK	100	0	Bottom Side	0mm	Ant 2	DSI 6	Close	26340	1880	21.79	22.80	1.262			-0.10	1.850	2.335
	LTE Band 25	20M	QPSK	1	0	Back	10mm	Ant 2	DSI 4	Close	26340	1880	22.84	24.00	1.306			-0.04	0.397	0.518
	LTE Band 25	20M	QPSK	50	0	Back	10mm	Ant 2	DSI 4	Close	26340	1880	21.86	23.00	1.3			-0.15	0.355	0.461
	LTE Band 25	20M	QPSK	1	0	Bottom Side	6mm	Ant 2	DSI 4	Close	26340	1880	22.84	24.00	1.306			0.01	0.981	1.281
	LTE Band 25	20M	QPSK	50	0	Bottom Side	6mm	Ant 2	DSI 4	Close	26340	1880	21.86	23.00	1.3			-0.03	0.858	1.115
	LTE Band 25	20M	QPSK	1	0	Back Right	0mm	Ant 4	DSI 6	Close	26340	1880	21.67	23.00	1.358			0.08	1.930	2.621
	LTE Band 25	20M	QPSK	1	0	Back Right	0mm	Ant 4	DSI 6	Close	26140	1860	21.65	23.00	1.365			0.17	1.850	2.525
	LTE Band 25	20M	QPSK	1	0	Back Right	0mm	Ant 4	DSI 6	Close	26590	1905	21.62	23.00	1.374			0.06	1.770	2.432
	LTE Band 25	20M	QPSK	50	0	Back Right	0mm	Ant 4	DSI 6	Close	26340	1880	20.68	22.00	1.355			-0.17	1.460	1.978
	LTE Band 25	20M	QPSK	100	0	Back Right	0mm	Ant 4	DSI 6	Close	26340	1880	20.65	22.00	1.365			0.10	1.510	2.061
	LTE Band 25	20M	QPSK	1	0	Right Side	0mm	Ant 4	DSI 6	Close	26340	1880	21.67	23.00	1.358			-0.03	1.880	2.553
	LTE Band 25	20M	QPSK	1	0	Right Side	0mm	Ant 4	DSI 6	Close	26140	1860	21.65	23.00	1.365			0.06	1.530	2.088
	LTE Band 25	20M	QPSK	1	0	Right Side	0mm	Ant 4	DSI 6	Close	26590	1905	21.62	23.00	1.374			0.12	1.810	2.487
	LTE Band 25	20M	QPSK	50	0	Right Side	0mm	Ant 4	DSI 6	Close	26340	1880	20.68	22.00	1.355			-0.04	1.530	2.073
	LTE Band 25	20M	QPSK	50	0	Right Side	0mm	Ant 4	DSI 6	Close	26140	1860	20.60	22.00	1.38			-0.09	1.370	1.891
	LTE Band 25	20M	QPSK	50	0	Right Side	0mm	Ant 4	DSI 6	Close	26590	1905	20.63	22.00	1.371			-0.17	1.440	1.974
	LTE Band 25	20M	QPSK	100	0	Right Side	0mm	Ant 4	DSI 6	Close	26340	1880	20.65	22.00	1.365			-0.00	1.510	2.061
	LTE Band 25	20M	QPSK	1	0	Back	0mm	Ant 0	DSI 6	Close	26340	1880	22.01	22.90	1.227			0.05	2.590	3.178
	LTE Band 25	20M	QPSK	1	0	Back	0mm	Ant 0	DSI 6	Close	26140	1860	21.95	22.90	1.245			0.06	1.970	2.453
	LTE Band 25	20M	QPSK	1	0	Back	0mm	Ant 0	DSI 6	Close	26590	1905	21.97	22.90	1.239			0.09	2.460	3.048
	LTE Band 25	20M	QPSK	50	0	Back	0mm	Ant 0	DSI 6	Close	26340	1880	21.05	21.90	1.216			-0.10	2.080	2.529
	LTE Band 25	20M	QPSK	50	0	Back	0mm	Ant 0	DSI 6	Close	26140	1860	21.01	21.90	1.227			0.18	1.700	2.086
	LTE Band 25	20M	QPSK	50	0	Back	0mm	Ant 0	DSI 6	Close	26590	1905	20.96	21.90	1.242			0.10	1.940	2.409
	LTE Band 25	20M	QPSK	100	0	Back	0mm	Ant 0	DSI 6	Close	26340	1880	20.97	21.90	1.239			0.18	2.110	2.614
	LTE Band 25	20M	QPSK	1	0	Right Side	0mm	Ant 0	DSI 6	Close	26340	1880	22.01	22.90	1.227			0.09	1.280	1.571
	LTE Band 25	20M	QPSK	50	0	Right Side	0mm	Ant 0	DSI 6	Close	26340	1880	21.05	21.90	1.216			-0.05	1.030	1.252
	LTE Band 25	20M	QPSK	1	0	Back	10mm	Ant 0	DSI 4	Close	26340	1880	22.01	23.00	1.256			0.16	0.263	0.330
	LTE Band 25	20M	QPSK	50	0	Back	10mm	Ant 0	DSI 4	Close	26340	1880	21.05	22.00	1.245			0.03	0.215	0.268
	LTE Band 25	20M	QPSK	1	0	Right Side	9mm	Ant 0	DSI 4	Close	26340	1880	22.01	23.00	1.256			0.04	0.295	0.371
	LTE Band 25	20M	QPSK	50	0	Right Side	9mm	Ant 0	DSI 4	Close	26340	1880	21.05	22.00	1.245			-0.18	0.234	0.291
154	LTE Band 26	15M	QPSK	1	0	Back	0mm	Ant 0	DSI 6	Close	26865	831.5	22.93	24.00	1.279			0.06	1.280	1.637
	LTE Band 26	15M	QPSK	36	0	Back	0mm	Ant 0	DSI 6	Close	26865	831.5	21.93	23.00	1.279			0.06	1.090	1.394
	LTE Band 30	10M	QPSK	1	0	Back Top	0mm	Ant 3	DSI 6	Close	27710	2310	22.95	23.80	1.216			-0.07	1.980	2.408
	LTE Band 30	10M	QPSK	25	0	Back Top	0mm	Ant 3	DSI 6	Close	27710	2310	22.30	23.00	1.175			0.15	1.880	2.209
	LTE Band 30	10M	QPSK	50	0	Back Top	0mm	Ant 3	DSI 6	Close	27710	2310	22.27	23.00	1.183			-0.15	1.790	2.118
	LTE Band 30	10M	QPSK	1	0	Top Side	0mm	Ant 3	DSI 6	Close	27710	2310	22.95	23.80	1.216			-0.03	2.590	3.149
	LTE Band 30	10M	QPSK	25	0	Top Side	0mm	Ant 3	DSI 6	Close	27710	2310	22.30	23.00	1.175			0.18	2.110	2.479
	LTE Band 30	10M	QPSK	50	0	Top Side	0mm	Ant 3	DSI 6	Close	27710	2310	22.27	23.00	1.183			0.01	2.120	2.508
	LTE Band 30	10M	QPSK	1	0	Back Top	4mm	Ant 3	DSI 4	Close	27710	2310	23.53	24.00	1.114			0.02	1.090	1.214
	LTE Band 30	10M	QPSK	25	0	Back Top	4mm	Ant 3	DSI 4	Close	27710	2310	22.44	23.00	1.138			-0.01	1.320	1.502
	LTE Band 30	10M	QPSK	1	0	Top Side	7mm	Ant 3	DSI 4	Close	27710	2310	23.53	24.00	1.114			0.06	0.801	0.892
	LTE Band 30	10M	QPSK	25	0	Top Side	7mm	Ant 3	DSI 4	Close	27710	2310	22.44	23.00	1.138			-0.05	0.813	0.925
155	LTE Band 30	10M	QPSK	1	0	Back	0mm	Ant 2	DSI 6	Close	27710	2310	21.88	23.10	1.324			-0.03	2.420	3.204
	LTE Band 30	10M	QPSK	25	0	Back	0mm	Ant 2	DSI 6	Close	27710	2310	21.75	23.00	1.334			0.00	2.130	2.841
	LTE Band 30	10M	QPSK	50	0	Back	0mm	Ant 2	DSI 6	Close	27710	2310	21.66	23.00	1.361			-0.11	2.100	2.858
	LTE Band 30	10M	QPSK	1	0	Bottom Side	0mm	Ant 2	DSI 6	Close	27710	2310	21.88	23.10	1.324			0.09	2.400	3.178
	LTE Band 30	10M	QPSK	25	0	Bottom Side	0mm	Ant 2	DSI 6	Close	27710	2310	21.75	23.00	1.334			-0.14	1.880	2.508
	LTE Band 30	10M	QPSK	50	0	Bottom Side	0mm	Ant 2	DSI 6	Close	27710	2310	21.66	23.00	1.361			0.01	1.830	2.491
	LTE Band 30	10M	QPSK	1	0	Back	10mm	Ant 2	DSI 4	Close	27710	2310	23.17	24.00	1.211			-0.17	0.336	0.407
	LTE Band 30	10M	QPSK	25	0	Back	10mm	Ant 2	DSI 4	Close	27710	2310	22.19	23.00	1.205			0.13	0.281	0.339
	LTE Band 30	10M	QPSK	1	0	Bottom Side	6mm	Ant 2	DSI 4	Close	27710	2310	23.17	24.00	1.211			-0.06	0.476	0.576
	LTE Band 30	10M	QPSK	25	0	Bottom Side	6mm	Ant 2	DSI 4	Close	27710	2310	22.19	23.00	1.205			0.11	0.388	0.468
	LTE Band 30	10M	QPSK	1	0	Back Right	0mm	Ant 4	DSI 6	Close	27710	2310	21.80	23.00	1.318			0.08	1.980	2.610
	LTE Band 30	10M	QPSK	25	0	Back Right	0mm	Ant 4	DSI 6	Close	27710	2310	20.88	22.00	1.294			-0.04	1.650	2.135
	LTE Band 30	10M	QPSK	50	0	Back Right	0mm	Ant 4	DSI 6	Close	27710	2310	20.84	22.00	1.306			0.18	1.690	2.207
	LTE Band 30	10M	QPSK	1	0	Right Side	0mm	Ant 4	DSI 6	Close	27710	2310	21.80	23.00	1.318			-0.12	1.720	2.267
	LTE Band 30	10M	QPSK	25	0	Right Side	0mm	Ant 4	DSI 6	Close	27710	2310	20.88	22.00	1.294			0.03	1.360	1.760
	LTE Band 30	10M	QPSK	50	0	Right Side	0mm	Ant 4	DSI 6	Close	27710	2310	20.84	22.00	1.306			0.07	1.390	1.815
	LTE Band 30	10M	QPSK	1	0	Back	0mm	Ant 0	DSI 6	Close	27710	2310	22.65	24.00	1.365			-0.03	1.890	2.580
	LTE Band 30	10M	QPSK	25	0	Back	0mm	Ant 0	DSI 6	Close	27710	2310	21.67	23.00	1.358			0.06	1.770	2.404
	LTE Band 30	10M	QPSK	50	0	Back	0mm	Ant 0	DSI 6	Close	27710	2310	21.62	23.00	1.374			0.02	1.530	2.102
	LTE Band 66	20M	QPSK	1	0	Back Top	0mm	Ant 3	DSI 6	Close	132322	1745	21.45	22.70	1.334			-0.05	2.150	2.868
	LTE Band 66	20M	QPSK	1	0	Back Top	0mm	Ant 3	DSI 6	Close	132072	1720	21.40	22.70	1.349			0.10	2.020	2.725
156	LTE Band 66	20M	QPSK	1																



FCC SAR Test Report

Report No. : FA5N1310

	LTE Band 66	20M	QPSK	50	0	Back Top	0mm	Ant 3	DSI 6	Close	132322	1745	21.30	22.70	1.38			-0.11	0.915	1.263
	LTE Band 66	20M	QPSK	100	0	Back Top	0mm	Ant 3	DSI 6	Close	132322	1745	21.17	22.70	1.422			0.07	0.906	1.288
	LTE Band 66	20M	QPSK	1	0	Back Top	4mm	Ant 3	DSI 4	Close	132322	1745	23.25	24.00	1.189			0.08	0.543	0.646
	LTE Band 66	20M	QPSK	50	0	Back Top	4mm	Ant 3	DSI 4	Close	132322	1745	22.20	23.00	1.202			-0.06	0.567	0.682
	LTE Band 66	20M	QPSK	1	0	Back	0mm	Ant 2	DSI 6	Close	132322	1745	21.93	22.80	1.222			-0.11	2.500	3.055
	LTE Band 66	20M	QPSK	1	0	Back	0mm	Ant 2	DSI 6	Close	132072	1720	21.88	22.80	1.236			-0.07	2.550	3.152
	LTE Band 66	20M	QPSK	1	0	Back	0mm	Ant 2	DSI 6	Close	132572	1770	21.82	22.80	1.253			-0.04	2.400	3.007
	LTE Band 66	20M	QPSK	50	0	Back	0mm	Ant 2	DSI 6	Close	132322	1745	21.83	22.80	1.25			0.11	1.870	2.338
	LTE Band 66	20M	QPSK	50	0	Back	0mm	Ant 2	DSI 6	Close	132072	1720	21.75	22.80	1.274			0.14	2.120	2.701
	LTE Band 66	20M	QPSK	50	0	Back	0mm	Ant 2	DSI 6	Close	132572	1770	21.77	22.80	1.268			-0.05	2.120	2.688
	LTE Band 66	20M	QPSK	100	0	Back	0mm	Ant 2	DSI 6	Close	132322	1745	21.73	22.80	1.279			0.16	2.180	2.788
	LTE Band 66	20M	QPSK	1	0	Bottom Side	0mm	Ant 2	DSI 6	Close	132322	1745	21.93	22.80	1.222			-0.00	2.230	2.725
	LTE Band 66	20M	QPSK	1	0	Bottom Side	0mm	Ant 2	DSI 6	Close	132072	1720	21.88	22.80	1.236			0.08	1.990	2.460
	LTE Band 66	20M	QPSK	1	0	Bottom Side	0mm	Ant 2	DSI 6	Close	132572	1770	21.82	22.80	1.253			-0.13	2.180	2.732
	LTE Band 66	20M	QPSK	50	0	Bottom Side	0mm	Ant 2	DSI 6	Close	132322	1745	21.83	22.80	1.25			-0.17	1.810	2.263
	LTE Band 66	20M	QPSK	50	0	Bottom Side	0mm	Ant 2	DSI 6	Close	132072	1720	21.75	22.80	1.274			0.11	1.750	2.230
	LTE Band 66	20M	QPSK	50	0	Bottom Side	0mm	Ant 2	DSI 6	Close	132572	1770	21.77	22.80	1.268			0.14	1.720	2.181
	LTE Band 66	20M	QPSK	100	0	Bottom Side	0mm	Ant 2	DSI 6	Close	132322	1745	21.73	22.80	1.279			-0.16	1.790	2.289
	LTE Band 66	20M	QPSK	1	0	Back	10mm	Ant 2	DSI 4	Close	132322	1745	22.98	24.00	1.265			-0.18	0.495	0.626
	LTE Band 66	20M	QPSK	50	0	Back	10mm	Ant 2	DSI 4	Close	132322	1745	21.93	23.00	1.279			0.07	0.398	0.509
	LTE Band 66	20M	QPSK	1	0	Bottom Side	6mm	Ant 2	DSI 4	Close	132322	1745	22.98	24.00	1.265			0.05	1.270	1.607
	LTE Band 66	20M	QPSK	50	0	Bottom Side	6mm	Ant 2	DSI 4	Close	132322	1745	21.93	23.00	1.279			0.03	1.100	1.407
	LTE Band 66	20M	QPSK	1	0	Back Right	0mm	Ant 4	DSI 6	Close	132322	1745	21.70	23.00	1.349			0.08	1.640	2.212
	LTE Band 66	20M	QPSK	1	0	Back Right	0mm	Ant 4	DSI 6	Close	132072	1720	21.69	23.00	1.352			-0.11	1.890	2.555
	LTE Band 66	20M	QPSK	1	0	Back Right	0mm	Ant 4	DSI 6	Close	132572	1770	21.65	23.00	1.365			-0.04	1.940	2.648
	LTE Band 66	20M	QPSK	50	0	Back Right	0mm	Ant 4	DSI 6	Close	132322	1745	20.69	22.00	1.352			-0.13	1.690	2.285
	LTE Band 66	20M	QPSK	50	0	Back Right	0mm	Ant 4	DSI 6	Close	132072	1720	20.63	22.00	1.371			-0.03	1.580	2.166
	LTE Band 66	20M	QPSK	50	0	Back Right	0mm	Ant 4	DSI 6	Close	132572	1770	20.65	22.00	1.365			0.18	1.580	2.157
	LTE Band 66	20M	QPSK	100	0	Back Right	0mm	Ant 4	DSI 6	Close	132322	1745	20.63	22.00	1.371			0.18	1.750	2.399
	LTE Band 66	20M	QPSK	1	0	Right Side	0mm	Ant 4	DSI 6	Close	132322	1745	21.70	23.00	1.349			-0.15	1.790	2.415
	LTE Band 66	20M	QPSK	1	0	Right Side	0mm	Ant 4	DSI 6	Close	132072	1720	21.69	23.00	1.352			0.01	1.790	2.420
	LTE Band 66	20M	QPSK	1	0	Right Side	0mm	Ant 4	DSI 6	Close	132572	1770	21.65	23.00	1.365			-0.02	1.770	2.416
	LTE Band 66	20M	QPSK	50	0	Right Side	0mm	Ant 4	DSI 6	Close	132322	1745	20.69	22.00	1.352			0.04	1.490	2.014
	LTE Band 66	20M	QPSK	50	0	Right Side	0mm	Ant 4	DSI 6	Close	132072	1720	20.63	22.00	1.371			-0.10	1.440	1.974
	LTE Band 66	20M	QPSK	50	0	Right Side	0mm	Ant 4	DSI 6	Close	132572	1770	20.65	22.00	1.365			0.02	1.420	1.938
	LTE Band 66	20M	QPSK	100	0	Right Side	0mm	Ant 4	DSI 6	Close	132322	1745	20.63	22.00	1.371			-0.01	1.470	2.015
	LTE Band 66	20M	QPSK	1	0	Back	0mm	Ant 0	DSI 6	Close	132322	1745	22.16	23.00	1.213			-0.03	2.120	2.572
	LTE Band 66	20M	QPSK	1	0	Back	0mm	Ant 0	DSI 6	Close	132072	1720	22.11	23.00	1.227			-0.08	2.160	2.650
	LTE Band 66	20M	QPSK	1	0	Back	0mm	Ant 0	DSI 6	Close	132572	1770	22.14	23.00	1.219			0.07	2.210	2.694
	LTE Band 66	20M	QPSK	50	0	Back	0mm	Ant 0	DSI 6	Close	132322	1745	21.19	22.00	1.205			-0.09	1.770	2.133
	LTE Band 66	20M	QPSK	50	0	Back	0mm	Ant 0	DSI 6	Close	132072	1720	21.16	22.00	1.213			-0.08	1.730	2.098
	LTE Band 66	20M	QPSK	50	0	Back	0mm	Ant 0	DSI 6	Close	132572	1770	21.18	22.00	1.208			-0.05	1.800	2.174
	LTE Band 66	20M	QPSK	100	0	Back	0mm	Ant 0	DSI 6	Close	132322	1745	21.12	22.00	1.225			-0.06	1.840	2.254
	LTE Band 66	20M	QPSK	1	0	Right Side	0mm	Ant 0	DSI 6	Close	132322	1745	22.16	23.00	1.213			-0.07	1.540	1.868
	LTE Band 66	20M	QPSK	50	0	Right Side	0mm	Ant 0	DSI 6	Close	132322	1745	21.19	22.00	1.205			0.18	1.150	1.386
	LTE Band 41	20M	QPSK	1	0	Front	0mm	Ant 3	DSI 6	Close	40620	2593	22.51	23.90	1.377	62.9	1.006	-0.16	1.650	2.286
	LTE Band 41	20M	QPSK	1	0	Front	0mm	Ant 3	DSI 6	Close	39750	2506	22.40	23.90	1.413	62.9	1.006	-0.02	0.947	1.346
	LTE Band 41	20M	QPSK	1	0	Front	0mm	Ant 3	DSI 6	Close	40185	2549.5	22.46	23.90	1.393	62.9	1.006	0.02	1.230	1.724
	LTE Band 41	20M	QPSK	1	0	Front	0mm	Ant 3	DSI 6	Close	41055	2636.5	22.43	23.90	1.403	62.9	1.006	-0.02	1.260	1.778
	LTE Band 41	20M	QPSK	1	0	Front	0mm	Ant 3	DSI 6	Close	41490	2680	22.39	23.90	1.416	62.9	1.006	0.07	1.110	1.581
	LTE Band 41	20M	QPSK	50	0	Front	0mm	Ant 3	DSI 6	Close	40620	2593	22.40	23.00	1.148	62.9	1.006	0.17	1.380	1.594
	LTE Band 41	20M	QPSK	50	0	Front	0mm	Ant 3	DSI 6	Close	39750	2506	22.31	23.00	1.172	62.9	1.006	0.13	0.977	1.152
	LTE Band 41	20M	QPSK	50	0	Front	0mm	Ant 3	DSI 6	Close	40185	2549.5	22.28	23.00	1.18	62.9	1.006	-0.05	0.853	1.013
	LTE Band 41	20M	QPSK	50	0	Front	0mm	Ant 3	DSI 6	Close	41055	2636.5	22.34	23.00	1.164	62.9	1.006	-0.08	1.000	1.171
	LTE Band 41	20M	QPSK	50	0	Front	0mm	Ant 3	DSI 6	Close	41490	2680	22.38	23.00	1.153	62.9	1.006	-0.04	0.917	1.064
	LTE Band 41	20M	QPSK	100	0	Front	0mm	Ant 3	DSI 6	Close	40620	2593	22.38	23.00	1.153	62.9	1.006	0.06	1.100	1.276
	LTE Band 41	20M	QPSK	1	0	Back Top	0mm	Ant 3	DSI 6	Close	40620	2593	22.51	23.90	1.377	62.9	1.006	-0.19	1.880	2.604
	LTE Band 41	20M	QPSK	1	0	Back Top	0mm	Ant 3	DSI 6	Close	39750	2506	22.40	23.90	1.413	62.9	1.006	-0.08	1.260	1.791
	LTE Band 41	20M	QPSK	1	0	Back Top	0mm	Ant 3	DSI 6	Close	40185	2549.5	22.46	23.90	1.393	62.9	1.006	-0.17	1.960	2.747
	LTE Band 41	20M	QPSK	1	0	Back Top	0mm	Ant 3	DSI 6	Close	41055	2636.5	22.43	23.90	1.403	62.9	1.006	-0.12	1.640	2.315
	LTE Band 41	20M	QPSK	1	0	Back Top	0mm	Ant 3	DSI 6	Close	41490	2680	22.39	23.90	1.416	62.9	1.006	-0.18	1.360	1.937
	LTE Band 41	20M	QPSK	50	0	Back Top	0mm	Ant 3	DSI 6	Close	40620	2593	22.40	23.00	1.148	62.9	1.006	-0.06	1.720	1.986
	LTE Band 41	20M	QPSK	50	0	Back Top	0mm	Ant 3	DSI 6	Close	39750	2506	22.31	23.00	1.172	62.9	1.006	-0.18	1.580	1.863
	LTE Band 41	20M	QPSK	50	0	Back Top	0mm	Ant 3	DSI 6	Close	40185	2549.5	22.28	23.00	1.18	62.9	1.006	0.12	1.630	1.935
	LTE Band 41	20M	QPSK	50	0	Back Top	0mm	Ant 3	DSI 6	Close	41055	2636.5	22.34	23.00	1.164	62.9	1.006	-0.10	1.110	1.300
	LTE Band 41	20M	QPSK	50	0	Back Top	0mm	Ant 3	DSI 6	Close	41490	2680	22.38	23.00	1.153	62.9	1.006	-0.02	1.190	1.380
	LTE Band 41	20M	QPSK	100	0	Back Top	0mm	Ant 3	DSI 6	Close	40620	2593	22.38	23.00	1.153	62.9	1.006	-0.12	1.610	1.867
	LTE Band 41	20M	QPSK	1	0	Top Side	0mm	Ant 3	DSI 6	Close	40620	2593	22.51	23.90	1.377	62.9	1.006	-0.15	2.040	2.826
	LTE Band 41	20M	QPSK	1	0	Top Side	0mm	Ant 3	DSI 6	Close	39750	2506	22.40	23.90	1.413	62.9	1.006	0.02	1.980	2.815
157	LTE Band 41	20M	QPSK	1	0	Top Side	0mm	Ant 3	DSI 6	Close	40185	2549.5	22.46	23.90	1.393	62.9	1.006	0.07	2.300	3.223
	LTE Band 41	20M	QPSK	1	0	Top Side	0mm													



FCC SAR Test Report

Report No. : FA5N1310

	LTE Band 41	20M	QPSK	50	0	Top Side	0mm	Ant 3	DSI 6	Close	40185	2549.5	22.28	23.00	1.18	62.9	1.006	-0.10	1.870	2.220
	LTE Band 41	20M	QPSK	50	0	Top Side	0mm	Ant 3	DSI 6	Close	41055	2636.5	22.34	23.00	1.164	62.9	1.006	0.01	1.450	1.698
	LTE Band 41	20M	QPSK	50	0	Top Side	0mm	Ant 3	DSI 6	Close	41490	2680	22.38	23.00	1.153	62.9	1.006	0.16	1.060	1.230
	LTE Band 41	20M	QPSK	100	0	Top Side	0mm	Ant 3	DSI 6	Close	40620	2593	22.38	23.00	1.153	62.9	1.006	0.15	1.770	2.053
	LTE Band 41 HPUE	20M	QPSK	1	0	Top Side	0mm	Ant 3	DSI 6	Close	40185	2549.5	24.18	25.50	1.355	42.9	1.009	0.09	2.220	3.035
	LTE Band 41	20M	QPSK	1	0	Front	7mm	Ant 3	DSI 4	Close	40620	2593	23.47	24.00	1.13	62.9	1.006	0.09	0.586	0.666
	LTE Band 41	20M	QPSK	50	0	Front	7mm	Ant 3	DSI 4	Close	40620	2593	22.60	23.00	1.096	62.9	1.006	0.08	0.458	0.505
	LTE Band 41	20M	QPSK	1	0	Back Top	4mm	Ant 3	DSI 4	Close	40620	2593	23.47	24.00	1.13	62.9	1.006	0.08	1.310	1.489
	LTE Band 41	20M	QPSK	50	0	Back Top	4mm	Ant 3	DSI 4	Close	40620	2593	22.60	23.00	1.096	62.9	1.006	0.18	1.260	1.389
	LTE Band 41	20M	QPSK	1	0	Top Side	7mm	Ant 3	DSI 4	Close	40620	2593	23.47	24.00	1.13	62.9	1.006	0.07	1.150	1.307
	LTE Band 41	20M	QPSK	50	0	Top Side	7mm	Ant 3	DSI 4	Close	40620	2593	22.60	23.00	1.096	62.9	1.006	-0.11	1.010	1.114
	LTE Band 41 HPUE	20M	QPSK	1	0	Back Top	4mm	Ant 3	DSI 4	Close	40620	2593	26.33	27.00	1.167	42.9	1.009	0.01	1.480	1.743
	LTE Band 41	20M	QPSK	1	0	Back	0mm	Ant 2	DSI 6	Close	40620	2593	23.16	24.00	1.213	62.9	1.006	-0.12	2.530	3.087
	LTE Band 41	20M	QPSK	1	0	Back	0mm	Ant 2	DSI 6	Close	39750	2506	23.01	24.00	1.256	62.9	1.006	0.07	2.520	3.184
	LTE Band 41	20M	QPSK	1	0	Back	0mm	Ant 2	DSI 6	Close	40185	2549.5	23.11	24.00	1.227	62.9	1.006	-0.01	2.590	3.197
	LTE Band 41	20M	QPSK	1	0	Back	0mm	Ant 2	DSI 6	Close	41055	2636.5	23.12	24.00	1.225	62.9	1.006	0.10	2.310	2.847
	LTE Band 41	20M	QPSK	1	0	Back	0mm	Ant 2	DSI 6	Close	41490	2680	23.05	24.00	1.245	62.9	1.006	0.17	2.060	2.580
	LTE Band 41	20M	QPSK	50	0	Back	0mm	Ant 2	DSI 6	Close	40620	2593	22.19	23.00	1.205	62.9	1.006	-0.10	1.860	2.255
	LTE Band 41	20M	QPSK	50	0	Back	0mm	Ant 2	DSI 6	Close	39750	2506	22.15	23.00	1.216	62.9	1.006	0.06	1.920	2.349
	LTE Band 41	20M	QPSK	50	0	Back	0mm	Ant 2	DSI 6	Close	40185	2549.5	22.13	23.00	1.222	62.9	1.006	0.07	1.560	1.918
	LTE Band 41	20M	QPSK	50	0	Back	0mm	Ant 2	DSI 6	Close	41055	2636.5	22.11	23.00	1.227	62.9	1.006	-0.11	1.950	2.407
	LTE Band 41	20M	QPSK	50	0	Back	0mm	Ant 2	DSI 6	Close	41490	2680	22.08	23.00	1.236	62.9	1.006	0.02	1.640	2.039
	LTE Band 41	20M	QPSK	100	0	Back	0mm	Ant 2	DSI 6	Close	40620	2593	22.11	23.00	1.227	62.9	1.006	0.10	1.930	2.382
	LTE Band 41	20M	QPSK	1	0	Bottom Side	0mm	Ant 2	DSI 6	Close	40620	2593	23.16	24.00	1.213	62.9	1.006	0.14	1.760	2.148
	LTE Band 41	20M	QPSK	1	0	Bottom Side	0mm	Ant 2	DSI 6	Close	39750	2506	23.01	24.00	1.256	62.9	1.006	0.08	1.020	1.289
	LTE Band 41	20M	QPSK	1	0	Bottom Side	0mm	Ant 2	DSI 6	Close	40185	2549.5	23.11	24.00	1.227	62.9	1.006	-0.16	1.080	1.333
	LTE Band 41	20M	QPSK	1	0	Bottom Side	0mm	Ant 2	DSI 6	Close	41055	2636.5	23.12	24.00	1.225	62.9	1.006	-0.13	1.160	1.430
	LTE Band 41	20M	QPSK	1	0	Bottom Side	0mm	Ant 2	DSI 6	Close	41490	2680	23.05	24.00	1.245	62.9	1.006	-0.09	1.060	1.328
	LTE Band 41	20M	QPSK	50	0	Bottom Side	0mm	Ant 2	DSI 6	Close	40620	2593	22.19	23.00	1.205	62.9	1.006	-0.01	1.320	1.600
	LTE Band 41	20M	QPSK	50	0	Bottom Side	0mm	Ant 2	DSI 6	Close	39750	2506	22.15	23.00	1.216	62.9	1.006	0.09	0.828	1.013
	LTE Band 41	20M	QPSK	50	0	Bottom Side	0mm	Ant 2	DSI 6	Close	40185	2549.5	22.13	23.00	1.222	62.9	1.006	-0.06	0.872	1.072
	LTE Band 41	20M	QPSK	50	0	Bottom Side	0mm	Ant 2	DSI 6	Close	41055	2636.5	22.11	23.00	1.227	62.9	1.006	0.04	0.983	1.213
	LTE Band 41	20M	QPSK	50	0	Bottom Side	0mm	Ant 2	DSI 6	Close	41490	2680	22.08	23.00	1.236	62.9	1.006	-0.04	0.865	1.076
	LTE Band 41	20M	QPSK	100	0	Bottom Side	0mm	Ant 2	DSI 6	Close	40620	2593	22.11	23.00	1.227	62.9	1.006	-0.11	0.853	1.053
	LTE Band 41 HPUE	20M	QPSK	1	0	Back	0mm	Ant 2	DSI 6	Close	40185	2549.5	24.88	25.60	1.18	42.9	1.009	0.07	2.470	2.941
	LTE Band 41	20M	QPSK	1	0	Back	10mm	Ant 2	DSI 4	Close	40620	2593	23.16	24.00	1.213	62.9	1.006	-0.18	0.248	0.303
	LTE Band 41	20M	QPSK	50	0	Back	10mm	Ant 2	DSI 4	Close	40620	2593	22.19	23.00	1.205	62.9	1.006	-0.03	0.201	0.244
	LTE Band 41	20M	QPSK	1	0	Bottom Side	6mm	Ant 2	DSI 4	Close	40620	2593	23.16	24.00	1.213	62.9	1.006	0.09	0.426	0.520
	LTE Band 41	20M	QPSK	50	0	Bottom Side	6mm	Ant 2	DSI 4	Close	40620	2593	22.19	23.00	1.205	62.9	1.006	0.14	0.353	0.428
	LTE Band 41 HPUE	20M	QPSK	1	0	Bottom Side	6mm	Ant 2	DSI 4	Close	40620	2593	26.20	27.00	1.202	42.9	1.009	0.02	0.435	0.528
	LTE Band 41	20M	QPSK	1	0	Back Right	0mm	Ant 4	DSI 6	Close	40620	2593	22.05	23.00	1.245	62.9	1.006	-0.13	1.460	1.829
	LTE Band 41	20M	QPSK	1	0	Back Right	0mm	Ant 4	DSI 6	Close	39750	2506	21.92	23.00	1.282	62.9	1.006	0.09	1.470	1.896
	LTE Band 41	20M	QPSK	1	0	Back Right	0mm	Ant 4	DSI 6	Close	40185	2549.5	21.95	23.00	1.274	62.9	1.006	0.11	1.460	1.871
	LTE Band 41	20M	QPSK	1	0	Back Right	0mm	Ant 4	DSI 6	Close	41055	2636.5	21.89	23.00	1.291	62.9	1.006	0.04	2.060	2.675
	LTE Band 41	20M	QPSK	1	0	Back Right	0mm	Ant 4	DSI 6	Close	41490	2680	21.88	23.00	1.294	62.9	1.006	0.18	1.900	2.473
	LTE Band 41	20M	QPSK	50	0	Back Right	0mm	Ant 4	DSI 6	Close	40620	2593	21.09	22.00	1.233	62.9	1.006	0.01	1.720	2.133
	LTE Band 41	20M	QPSK	50	0	Back Right	0mm	Ant 4	DSI 6	Close	39750	2506	21.02	22.00	1.253	62.9	1.006	0.12	1.300	1.639
	LTE Band 41	20M	QPSK	50	0	Back Right	0mm	Ant 4	DSI 6	Close	40185	2549.5	21.06	22.00	1.242	62.9	1.006	0.13	1.330	1.662
	LTE Band 41	20M	QPSK	50	0	Back Right	0mm	Ant 4	DSI 6	Close	41055	2636.5	20.96	22.00	1.271	62.9	1.006	0.10	1.840	2.353
	LTE Band 41	20M	QPSK	50	0	Back Right	0mm	Ant 4	DSI 6	Close	41490	2680	20.92	22.00	1.282	62.9	1.006	0.14	1.730	2.231
	LTE Band 41	20M	QPSK	100	0	Back Right	0mm	Ant 4	DSI 6	Close	40620	2593	21.07	22.00	1.239	62.9	1.006	0.04	1.720	2.144
	LTE Band 41	20M	QPSK	1	0	Right Side	0mm	Ant 4	DSI 6	Close	40620	2593	22.05	23.00	1.245	62.9	1.006	-0.06	1.540	1.929
	LTE Band 41	20M	QPSK	1	0	Right Side	0mm	Ant 4	DSI 6	Close	39750	2506	21.92	23.00	1.282	62.9	1.006	0.05	1.310	1.689
	LTE Band 41	20M	QPSK	1	0	Right Side	0mm	Ant 4	DSI 6	Close	40185	2549.5	21.95	23.00	1.274	62.9	1.006	0.13	1.350	1.730
	LTE Band 41	20M	QPSK	1	0	Right Side	0mm	Ant 4	DSI 6	Close	41055	2636.5	21.89	23.00	1.291	62.9	1.006	-0.13	1.670	2.169
	LTE Band 41	20M	QPSK	1	0	Right Side	0mm	Ant 4	DSI 6	Close	41490	2680	21.88	23.00	1.294	62.9	1.006	0.13	1.480	1.927
	LTE Band 41	20M	QPSK	50	0	Right Side	0mm	Ant 4	DSI 6	Close	40620	2593	21.09	22.00	1.233	62.9	1.006	-0.02	1.310	1.625
	LTE Band 41	20M	QPSK	50	0	Right Side	0mm	Ant 4	DSI 6	Close	39750	2506	21.02	22.00	1.253	62.9	1.006	-0.02	1.090	1.374
	LTE Band 41	20M	QPSK	50	0	Right Side	0mm	Ant 4	DSI 6	Close	40185	2549.5	21.06	22.00	1.242	62.9	1.006	-0.06	1.120	1.399
	LTE Band 41	20M	QPSK	50	0	Right Side	0mm	Ant 4	DSI 6	Close	41055	2636.5	20.96	22.00	1.271	62.9	1.006	-0.13	1.360	1.739
	LTE Band 41	20M	QPSK	50	0	Right Side	0mm	Ant 4	DSI 6	Close	41490	2680	20.92	22.00	1.282	62.9	1.006	-0.04	1.210	1.561
	LTE Band 41	20M	QPSK	100	0	Right Side	0mm	Ant 4	DSI 6	Close	40620	2593	21.07	22.00	1.239	62.9	1.006	-0.11	1.170	1.458
	LTE Band 41 HPUE	20M	QPSK	1	0	Back Right	0mm	Ant 4	DSI 6	Close	41055	2636.5	24.82	25.40	1.143	42.9	1.009	0.04	2.520	2.906
	LTE Band 41	20M	QPSK	1	0	Back Right	6mm	Ant 4	DSI 4	Close	40620	2593	22.05	23.00	1.245	62.9	1.006	0.08	0.298	0.373
	LTE Band 41	20M	QPSK	50	0	Back Right	6mm	Ant 4	DSI 4	Close	40620	2593	21.09	22.00	1.233	62.9	1.006	0.04	0.256	0.318
	LTE Band 41	20M	QPSK	1	0	Right Side	8mm	Ant 4	DSI 4	Close	40620	2593	22.05	23.00	1.245	62.9	1.006	0.06	0.246	0.308
	LTE Band 41	20M	QPSK	50	0	Right Side	8mm	Ant 4	DSI 4	Close	40620	2593	21.09	22.00	1.233	62.9	1.006	-0.11	0.196	0.243
	LTE Band 41 HPUE	20M	QPSK	1	0	Back Right	6mm	Ant 4	DSI 4	Close	40620	2593	24.89</							



FCC SAR Test Report

Report No. : FA5N1310

	LTE Band 41 HPUE	20M	QPSK	1	0	Right Side	0mm	Ant 0	DSI 6	Close	40620	2593	25.85	27.00	1.303	42.9	1.009	0.05	1.190	1.565
	LTE Band 42	20M	QPSK	1	0	Back	0mm	Ant 2	DSI 6	Close	42590	3500	20.85	22.00	1.303	62.9	1.006	0.05	2.330	3.054
	LTE Band 42	20M	QPSK	1	0	Back	0mm	Ant 2	DSI 6	Close	42190	3460	20.82	22.00	1.312	62.9	1.006	0.05	1.800	2.376
158	LTE Band 42	20M	QPSK	1	0	Back	0mm	Ant 2	DSI 6	Close	42990	3540	20.76	22.00	1.33	62.9	1.006	-0.09	2.380	3.184
	LTE Band 42	20M	QPSK	50	0	Back	0mm	Ant 2	DSI 6	Close	42590	3500	19.92	21.00	1.282	62.9	1.006	0.13	1.910	2.463
	LTE Band 42	20M	QPSK	50	0	Back	0mm	Ant 2	DSI 6	Close	42190	3460	19.88	21.00	1.294	62.9	1.006	-0.14	1.760	2.291
	LTE Band 42	20M	QPSK	50	0	Back	0mm	Ant 2	DSI 6	Close	42990	3540	19.83	21.00	1.309	62.9	1.006	0.04	1.850	2.436
	LTE Band 42	20M	QPSK	100	0	Back	0mm	Ant 2	DSI 6	Close	42590	3500	19.89	21.00	1.291	62.9	1.006	-0.10	1.910	2.481
	LTE Band 42	20M	QPSK	1	0	Bottom Side	0mm	Ant 2	DSI 6	Close	42590	3500	20.85	22.00	1.303	62.9	1.006	-0.08	1.910	2.504
	LTE Band 42	20M	QPSK	1	0	Bottom Side	0mm	Ant 2	DSI 6	Close	42190	3460	20.82	22.00	1.312	62.9	1.006	0.05	1.750	2.310
	LTE Band 42	20M	QPSK	1	0	Bottom Side	0mm	Ant 2	DSI 6	Close	42990	3540	20.76	22.00	1.33	62.9	1.006	-0.11	1.830	2.449
	LTE Band 42	20M	QPSK	50	0	Bottom Side	0mm	Ant 2	DSI 6	Close	42590	3500	19.92	21.00	1.282	62.9	1.006	0.15	1.580	2.038
	LTE Band 42	20M	QPSK	50	0	Bottom Side	0mm	Ant 2	DSI 6	Close	42190	3460	19.88	21.00	1.294	62.9	1.006	-0.14	1.430	1.862
	LTE Band 42	20M	QPSK	50	0	Bottom Side	0mm	Ant 2	DSI 6	Close	42990	3540	19.83	21.00	1.309	62.9	1.006	0.17	1.470	1.936
	LTE Band 42	20M	QPSK	100	0	Bottom Side	0mm	Ant 2	DSI 6	Close	42590	3500	19.89	21.00	1.291	62.9	1.006	-0.13	1.390	1.805
	LTE Band 42	20M	QPSK	1	0	Back Right	0mm	Ant 4	DSI 6	Close	42590	3500	23.12	24.00	1.225	62.9	1.006	0.14	2.090	2.576
	LTE Band 42	20M	QPSK	1	0	Back Right	0mm	Ant 4	DSI 6	Close	42190	3460	23.06	24.00	1.242	62.9	1.006	-0.13	2.280	2.849
	LTE Band 42	20M	QPSK	1	0	Back Right	0mm	Ant 4	DSI 6	Close	42990	3540	23.02	24.00	1.253	62.9	1.006	0.17	2.140	2.698
	LTE Band 42	20M	QPSK	50	0	Back Right	0mm	Ant 4	DSI 6	Close	42590	3500	22.15	23.00	1.216	62.9	1.006	-0.12	1.900	2.324
	LTE Band 42	20M	QPSK	50	0	Back Right	0mm	Ant 4	DSI 6	Close	42190	3460	22.11	23.00	1.227	62.9	1.006	0.16	1.860	2.296
	LTE Band 42	20M	QPSK	50	0	Back Right	0mm	Ant 4	DSI 6	Close	42990	3540	22.13	23.00	1.222	62.9	1.006	-0.18	1.780	2.188
	LTE Band 42	20M	QPSK	100	0	Back Right	0mm	Ant 4	DSI 6	Close	42590	3500	22.13	23.00	1.222	62.9	1.006	-0.18	1.720	2.114
	LTE Band 42	20M	QPSK	1	0	Back Top	0mm	Ant 6	DSI 6	Close	42590	3500	22.03	23.00	1.25	62.9	1.006	0.16	2.010	2.528
	LTE Band 42	20M	QPSK	1	0	Back Top	0mm	Ant 6	DSI 6	Close	42190	3460	22.01	23.00	1.256	62.9	1.006	0.01	2.260	2.856
	LTE Band 42	20M	QPSK	1	0	Back Top	0mm	Ant 6	DSI 6	Close	42990	3540	21.97	23.00	1.268	62.9	1.006	0.16	1.540	1.964
	LTE Band 42	20M	QPSK	50	0	Back Top	0mm	Ant 6	DSI 6	Close	42590	3500	21.24	22.00	1.191	62.9	1.006	0.10	1.790	2.145
	LTE Band 42	20M	QPSK	50	0	Back Top	0mm	Ant 6	DSI 6	Close	42190	3460	21.16	22.00	1.213	62.9	1.006	0.07	1.920	2.343
	LTE Band 42	20M	QPSK	50	0	Back Top	0mm	Ant 6	DSI 6	Close	42990	3540	21.11	22.00	1.227	62.9	1.006	-0.02	1.470	1.815
	LTE Band 42	20M	QPSK	100	0	Back Top	0mm	Ant 6	DSI 6	Close	42590	3500	21.20	22.00	1.202	62.9	1.006	0.10	1.870	2.261
	LTE Band 42	20M	QPSK	1	0	Top Side	0mm	Ant 6	DSI 6	Close	42590	3500	22.03	23.00	1.25	62.9	1.006	0.08	1.880	2.364
	LTE Band 42	20M	QPSK	1	0	Top Side	0mm	Ant 6	DSI 6	Close	42190	3460	22.01	23.00	1.256	62.9	1.006	-0.08	1.940	2.451
	LTE Band 42	20M	QPSK	1	0	Top Side	0mm	Ant 6	DSI 6	Close	42990	3540	21.97	23.00	1.268	62.9	1.006	0.17	1.640	2.092
	LTE Band 42	20M	QPSK	50	0	Top Side	0mm	Ant 6	DSI 6	Close	42590	3500	21.24	22.00	1.191	62.9	1.006	-0.00	1.750	2.097
	LTE Band 42	20M	QPSK	50	0	Top Side	0mm	Ant 6	DSI 6	Close	42190	3460	21.16	22.00	1.213	62.9	1.006	-0.18	1.520	1.855
	LTE Band 42	20M	QPSK	50	0	Top Side	0mm	Ant 6	DSI 6	Close	42990	3540	21.11	22.00	1.227	62.9	1.006	-0.18	1.570	1.938
	LTE Band 42	20M	QPSK	100	0	Top Side	0mm	Ant 6	DSI 6	Close	42590	3500	21.20	22.00	1.202	62.9	1.006	0.10	1.560	1.886
	LTE Band 42	20M	QPSK	1	0	Back Top	0mm	Ant 8	DSI 6	Close	42590	3500	21.72	22.60	1.225	62.9	1.006	0.12	2.170	2.674
	LTE Band 42	20M	QPSK	1	0	Back Top	0mm	Ant 8	DSI 6	Close	42190	3460	21.70	22.60	1.23	62.9	1.006	0.17	1.970	2.438
	LTE Band 42	20M	QPSK	1	0	Back Top	0mm	Ant 8	DSI 6	Close	42990	3540	21.68	22.60	1.236	62.9	1.006	0.12	2.320	2.885
	LTE Band 42	20M	QPSK	50	0	Back Top	0mm	Ant 8	DSI 6	Close	42590	3500	21.58	22.60	1.265	62.9	1.006	-0.02	1.750	2.227
	LTE Band 42	20M	QPSK	50	0	Back Top	0mm	Ant 8	DSI 6	Close	42190	3460	21.54	22.60	1.276	62.9	1.006	0.16	1.620	2.080
	LTE Band 42	20M	QPSK	50	0	Back Top	0mm	Ant 8	DSI 6	Close	42990	3540	21.56	22.60	1.271	62.9	1.006	0.09	1.830	2.340
	LTE Band 42	20M	QPSK	100	0	Back Top	0mm	Ant 8	DSI 6	Close	42590	3500	21.46	22.60	1.3	62.9	1.006	0.13	1.750	2.289
	LTE Band 42	20M	QPSK	1	0	Top Side	0mm	Ant 8	DSI 6	Close	42590	3500	21.72	22.60	1.225	62.9	1.006	0.08	1.890	2.329
	LTE Band 42	20M	QPSK	1	0	Top Side	0mm	Ant 8	DSI 6	Close	42190	3460	21.70	22.60	1.23	62.9	1.006	0.15	1.620	2.005
	LTE Band 42	20M	QPSK	1	0	Top Side	0mm	Ant 8	DSI 6	Close	42990	3540	21.68	22.60	1.236	62.9	1.006	0.16	1.780	2.213
	LTE Band 42	20M	QPSK	50	0	Top Side	0mm	Ant 8	DSI 6	Close	42590	3500	21.58	22.60	1.265	62.9	1.006	-0.13	1.470	1.871
	LTE Band 42	20M	QPSK	100	0	Top Side	0mm	Ant 8	DSI 6	Close	42590	3500	21.46	22.60	1.3	62.9	1.006	0.17	1.390	1.818
	LTE Band 42	20M	QPSK	1	0	Back Top	4mm	Ant 8	DSI 4	Close	42590	3500	23.25	24.00	1.189	62.9	1.006	-0.02	1.060	1.268
	LTE Band 42	20M	QPSK	50	0	Back Top	4mm	Ant 8	DSI 4	Close	42590	3500	22.19	23.00	1.205	62.9	1.006	0.17	0.943	1.143
	LTE Band 42	20M	QPSK	1	0	Top Side	7mm	Ant 8	DSI 4	Close	42590	3500	23.25	24.00	1.189	62.9	1.006	0.05	0.368	0.440
	LTE Band 42	20M	QPSK	50	0	Top Side	7mm	Ant 8	DSI 4	Close	42590	3500	22.19	23.00	1.205	62.9	1.006	0.01	0.467	0.566
	LTE Band 42	20M	QPSK	1	0	Back	0mm	Ant 2	DSI 6	Close	43340	3575	20.59	22.00	1.384	62.9	1.006	0.09	2.280	3.174
	LTE Band 42	20M	QPSK	50	0	Back	0mm	Ant 2	DSI 6	Close	43340	3575	19.61	21.00	1.377	62.9	1.006	-0.13	1.770	2.452
	LTE Band 42	20M	QPSK	100	0	Back	0mm	Ant 2	DSI 6	Close	43340	3575	19.55	21.00	1.396	62.9	1.006	0.01	1.720	2.416
	LTE Band 42	20M	QPSK	1	0	Bottom Side	0mm	Ant 2	DSI 6	Close	43340	3575	20.59	22.00	1.384	62.9	1.006	-0.11	1.700	2.367
	LTE Band 42	20M	QPSK	50	0	Bottom Side	0mm	Ant 2	DSI 6	Close	43340	3575	19.61	21.00	1.377	62.9	1.006	0.05	1.340	1.856
	LTE Band 42	20M	QPSK	100	0	Bottom Side	0mm	Ant 2	DSI 6	Close	43340	3575	19.55	21.00	1.396	62.9	1.006	-0.14	1.460	2.050
	LTE Band 42	20M	QPSK	1	0	Back Top	0mm	Ant 6	DSI 6	Close	43340	3575	21.99	23.00	1.262	62.9	1.006	-0.16	1.400	1.777
	LTE Band 42	20M	QPSK	50	0	Back Top	0mm	Ant 6	DSI 6	Close	43340	3575	21.16	22.00	1.213	62.9	1.006	0.15	1.330	1.623
	LTE Band 42	20M	QPSK	1	0	Top Side	0mm	Ant 6	DSI 6	Close	43340	3575	21.99	23.00	1.262	62.9	1.006	0.10	1.490	1.892
	LTE Band 42	20M	QPSK	50	0	Top Side	0mm	Ant 6	DSI 6	Close	43340	3575	21.16	22.00	1.213	62.9	1.006	-0.05	1.060	1.293
	LTE Band 42	20M	QPSK	1	0	Back Top	0mm	Ant 8	DSI 6	Close	43340	3575	21.68	22.60	1.236	62.9	1.006	0.05	2.490	3.096
	LTE Band 42	20M	QPSK	50	0	Back Top	0mm	Ant 8	DSI 6	Close	43340	3575	21.55	22.60	1.274	62.9	1.006	-0.17	2.070	2.653
	LTE Band 42	20M	QPSK	100	0	Back Top	0mm	Ant 8	DSI 6	Close	43340	3575	21.56	22.60	1.271	62.9	1.006	0.16	2.070	2.647
	LTE Band 42	20M	QPSK	1	0	Top Side	0mm	Ant 8	DSI 6	Close	43340	3575	21.68	22.60	1.236	62.9	1.006	0.10	2.260	2.810
	LTE Band 42	20M	QPSK	50	0	Top Side	0mm	Ant 8	DSI 6	Close	43340	3575	21.55	22.60	1.274	62.9	1.006	-0.04	1.780	2.281
	LTE Band 42	20M	QPSK	1	0	Back Top	4mm	Ant 8	DSI 4	Close	43340	3575	23.15	24.00	1.216	62.9	1.006			



FCC SAR Test Report

Report No. : FA5N1310

	LTE Band 43	20M	QPSK	1	0	Back	0mm	Ant 2	DSI 6	Close	44490	3690	20.71	22.00	1.346	62.9	1.006	0.10	1.920	2.600
	LTE Band 43	20M	QPSK	50	0	Back	0mm	Ant 2	DSI 6	Close	44090	3650	19.73	21.00	1.34	62.9	1.006	0.04	1.670	2.251
	LTE Band 43	20M	QPSK	50	0	Back	0mm	Ant 2	DSI 6	Close	43690	3610	19.65	21.00	1.365	62.9	1.006	0.07	1.620	2.225
	LTE Band 43	20M	QPSK	50	0	Back	0mm	Ant 2	DSI 6	Close	44490	3690	19.68	21.00	1.355	62.9	1.006	0.07	1.520	2.072
	LTE Band 43	20M	QPSK	100	0	Back	0mm	Ant 2	DSI 6	Close	44090	3650	19.71	21.00	1.346	62.9	1.006	0.04	1.620	2.194
	LTE Band 43	20M	QPSK	1	0	Bottom Side	0mm	Ant 2	DSI 6	Close	44090	3650	20.79	22.00	1.321	62.9	1.006	-0.19	1.560	2.073
	LTE Band 43	20M	QPSK	1	0	Bottom Side	0mm	Ant 2	DSI 6	Close	43690	3610	20.64	22.00	1.368	62.9	1.006	-0.08	1.300	1.789
	LTE Band 43	20M	QPSK	1	0	Bottom Side	0mm	Ant 2	DSI 6	Close	44490	3690	20.71	22.00	1.346	62.9	1.006	-0.17	1.360	1.842
	LTE Band 43	20M	QPSK	50	0	Bottom Side	0mm	Ant 2	DSI 6	Close	44090	3650	19.73	21.00	1.34	62.9	1.006	-0.11	1.310	1.766
	LTE Band 43	20M	QPSK	100	0	Bottom Side	0mm	Ant 2	DSI 6	Close	44090	3650	19.71	21.00	1.346	62.9	1.006	-0.16	1.270	1.720
	LTE Band 43	20M	QPSK	1	0	Back Right	0mm	Ant 4	DSI 6	Close	44090	3650	23.14	24.00	1.219	62.9	1.006	0.07	1.750	2.146
	LTE Band 43	20M	QPSK	1	0	Back Right	0mm	Ant 4	DSI 6	Close	43690	3610	23.11	24.00	1.227	62.9	1.006	0.07	1.790	2.210
	LTE Band 43	20M	QPSK	1	0	Back Right	0mm	Ant 4	DSI 6	Close	44490	3690	23.09	24.00	1.233	62.9	1.006	-0.10	1.190	1.476
	LTE Band 43	20M	QPSK	50	0	Back Right	0mm	Ant 4	DSI 6	Close	44090	3650	22.19	23.00	1.205	62.9	1.006	-0.06	1.040	1.261
	LTE Band 43	20M	QPSK	100	0	Back Right	0mm	Ant 4	DSI 6	Close	44090	3650	22.11	23.00	1.227	62.9	1.006	0.06	1.010	1.247
	LTE Band 43	20M	QPSK	1	0	Back Top	0mm	Ant 6	DSI 6	Close	44090	3650	21.86	23.00	1.3	62.9	1.006	-0.12	1.500	1.962
	LTE Band 43	20M	QPSK	50	0	Back Top	0mm	Ant 6	DSI 6	Close	44090	3650	20.87	22.00	1.297	62.9	1.006	0.15	1.570	2.049
	LTE Band 43	20M	QPSK	50	0	Back Top	0mm	Ant 6	DSI 6	Close	43690	3610	20.83	22.00	1.309	62.9	1.006	0.13	1.490	1.962
	LTE Band 43	20M	QPSK	50	0	Back Top	0mm	Ant 6	DSI 6	Close	44490	3690	20.85	22.00	1.303	62.9	1.006	0.04	1.790	2.346
	LTE Band 43	20M	QPSK	100	0	Back Top	0mm	Ant 6	DSI 6	Close	44090	3650	20.84	22.00	1.306	62.9	1.006	-0.18	1.550	2.036
	LTE Band 43	20M	QPSK	1	0	Top Side	0mm	Ant 6	DSI 6	Close	44090	3650	21.86	23.00	1.3	62.9	1.006	-0.01	1.170	1.530
	LTE Band 43	20M	QPSK	50	0	Top Side	0mm	Ant 6	DSI 6	Close	44090	3650	20.87	22.00	1.297	62.9	1.006	0.03	0.947	1.236
	LTE Band 43	20M	QPSK	1	0	Back Top	0mm	Ant 8	DSI 6	Close	44090	3650	21.49	22.60	1.291	62.9	1.006	0.05	2.090	2.714
	LTE Band 43	20M	QPSK	1	0	Back Top	0mm	Ant 8	DSI 6	Close	43690	3610	21.42	22.60	1.312	62.9	1.006	-0.12	2.100	2.772
	LTE Band 43	20M	QPSK	1	0	Back Top	0mm	Ant 8	DSI 6	Close	44490	3690	21.33	22.60	1.34	62.9	1.006	0.05	2.200	2.966
	LTE Band 43	20M	QPSK	50	0	Back Top	0mm	Ant 8	DSI 6	Close	44090	3650	21.40	22.60	1.318	62.9	1.006	0.13	1.730	2.294
	LTE Band 43	20M	QPSK	50	0	Back Top	0mm	Ant 8	DSI 6	Close	43690	3610	21.35	22.60	1.334	62.9	1.006	0.08	1.690	2.268
	LTE Band 43	20M	QPSK	50	0	Back Top	0mm	Ant 8	DSI 6	Close	44490	3690	21.36	22.60	1.33	62.9	1.006	0.09	1.730	2.315
	LTE Band 43	20M	QPSK	100	0	Back Top	0mm	Ant 8	DSI 6	Close	44090	3650	21.30	22.60	1.349	62.9	1.006	0.05	1.950	2.646
	LTE Band 43	20M	QPSK	1	0	Top Side	0mm	Ant 8	DSI 6	Close	44090	3650	21.49	22.60	1.291	62.9	1.006	0.09	2.200	2.857
	LTE Band 43	20M	QPSK	1	0	Top Side	0mm	Ant 8	DSI 6	Close	43690	3610	21.42	22.60	1.312	62.9	1.006	0.07	2.360	3.115
	LTE Band 43	20M	QPSK	1	0	Top Side	0mm	Ant 8	DSI 6	Close	44490	3690	21.33	22.60	1.34	62.9	1.006	-0.13	2.230	3.006
	LTE Band 43	20M	QPSK	50	0	Top Side	0mm	Ant 8	DSI 6	Close	44090	3650	21.40	22.60	1.318	62.9	1.006	-0.13	1.680	2.228
	LTE Band 43	20M	QPSK	50	0	Top Side	0mm	Ant 8	DSI 6	Close	43690	3610	21.35	22.60	1.334	62.9	1.006	0.08	1.890	2.536
	LTE Band 43	20M	QPSK	50	0	Top Side	0mm	Ant 8	DSI 6	Close	44490	3690	21.36	22.60	1.33	62.9	1.006	0.08	1.980	2.649
	LTE Band 43	20M	QPSK	100	0	Top Side	0mm	Ant 8	DSI 6	Close	44090	3650	21.30	22.60	1.349	62.9	1.006	0.04	1.920	2.606
	LTE Band 43	20M	QPSK	1	0	Back Top	4mm	Ant 8	DSI 4	Close	44090	3650	23.07	24.00	1.239	62.9	1.006	0.05	1.110	1.384
	LTE Band 43	20M	QPSK	50	0	Back Top	4mm	Ant 8	DSI 4	Close	44090	3650	22.12	23.00	1.225	62.9	1.006	-0.10	0.911	1.123
	LTE Band 43	20M	QPSK	1	0	Top Side	7mm	Ant 8	DSI 4	Close	44090	3650	23.07	24.00	1.239	62.9	1.006	-0.09	0.552	0.688
	LTE Band 43	20M	QPSK	50	0	Top Side	7mm	Ant 8	DSI 4	Close	44090	3650	22.12	23.00	1.225	62.9	1.006	-0.02	0.402	0.495
	LTE Band 48	20M	QPSK	1	0	Back	0mm	Ant 2	DSI 6	Close	55830	3609	20.70	22.00	1.349	62.9	1.006	0.06	2.250	3.053
160	LTE Band 48	20M	QPSK	1	0	Back	0mm	Ant 2	DSI 6	Close	55340	3560	20.69	22.00	1.352	62.9	1.006	-0.09	2.360	3.210
	LTE Band 48	20M	QPSK	1	0	Back	0mm	Ant 2	DSI 6	Close	56150	3641	20.61	22.00	1.377	62.9	1.006	-0.11	2.080	2.881
	LTE Band 48	20M	QPSK	1	0	Back	0mm	Ant 2	DSI 6	Close	56640	3690	20.69	22.00	1.352	62.9	1.006	-0.04	1.920	2.611
	LTE Band 48	20M	QPSK	50	0	Back	0mm	Ant 2	DSI 6	Close	55830	3609	19.71	21.00	1.346	62.9	1.006	0.08	1.860	2.519
	LTE Band 48	20M	QPSK	50	0	Back	0mm	Ant 2	DSI 6	Close	55340	3560	19.40	21.00	1.445	62.9	1.006	0.17	1.950	2.835
	LTE Band 48	20M	QPSK	50	0	Back	0mm	Ant 2	DSI 6	Close	56150	3641	19.44	21.00	1.432	62.9	1.006	0.16	1.730	2.492
	LTE Band 48	20M	QPSK	50	0	Back	0mm	Ant 2	DSI 6	Close	56640	3690	19.58	21.00	1.387	62.9	1.006	-0.11	1.600	2.233
	LTE Band 48	20M	QPSK	100	0	Back	0mm	Ant 2	DSI 6	Close	55830	3609	19.58	21.00	1.387	62.9	1.006	-0.08	1.820	2.539
	LTE Band 48	20M	QPSK	1	0	Bottom Side	0mm	Ant 2	DSI 6	Close	55830	3609	20.70	22.00	1.349	62.9	1.006	-0.12	1.690	2.293
	LTE Band 48	20M	QPSK	1	0	Bottom Side	0mm	Ant 2	DSI 6	Close	55340	3560	20.69	22.00	1.352	62.9	1.006	0.04	2.280	3.101
	LTE Band 48	20M	QPSK	1	0	Bottom Side	0mm	Ant 2	DSI 6	Close	56150	3641	20.61	22.00	1.377	62.9	1.006	-0.15	2.050	2.840
	LTE Band 48	20M	QPSK	1	0	Bottom Side	0mm	Ant 2	DSI 6	Close	56640	3690	20.69	22.00	1.352	62.9	1.006	-0.15	2.140	2.911
	LTE Band 48	20M	QPSK	50	0	Bottom Side	0mm	Ant 2	DSI 6	Close	55830	3609	19.71	21.00	1.346	62.9	1.006	0.09	1.410	1.909
	LTE Band 48	20M	QPSK	50	0	Bottom Side	0mm	Ant 2	DSI 6	Close	55340	3560	19.40	21.00	1.445	62.9	1.006	-0.04	1.330	1.933
	LTE Band 48	20M	QPSK	50	0	Bottom Side	0mm	Ant 2	DSI 6	Close	56150	3641	19.44	21.00	1.432	62.9	1.006	0.08	1.310	1.887
	LTE Band 48	20M	QPSK	50	0	Bottom Side	0mm	Ant 2	DSI 6	Close	56640	3690	19.58	21.00	1.387	62.9	1.006	-0.05	1.310	1.828
	LTE Band 48	20M	QPSK	100	0	Bottom Side	0mm	Ant 2	DSI 6	Close	55830	3609	19.58	21.00	1.387	62.9	1.006	0.04	1.330	1.856
	LTE Band 48	20M	QPSK	1	0	Back Top	0mm	Ant 6	DSI 6	Close	55830	3609	21.78	23.00	1.324	62.9	1.006	-0.19	1.220	1.625
	LTE Band 48	20M	QPSK	1	0	Back Top	0mm	Ant 6	DSI 6	Close	55340	3560	21.75	23.00	1.334	62.9	1.006	-0.08	1.200	1.610
	LTE Band 48	20M	QPSK	1	0	Back Top	0mm	Ant 6	DSI 6	Close	56150	3641	21.61	23.00	1.377	62.9	1.006	0.05	1.340	1.856
	LTE Band 48	20M	QPSK	1	0	Back Top	0mm	Ant 6	DSI 6	Close	56640	3690	21.75	23.00	1.334	62.9	1.006	0.11	1.660	2.228
	LTE Band 48	20M	QPSK	50	0	Back Top	0mm	Ant 6	DSI 6	Close	55830	3609	20.81	22.00	1.315	62.9	1.006	-0.16	1.420	1.879
	LTE Band 48	20M	QPSK	50	0	Back Top	0mm	Ant 6	DSI 6	Close	55340	3560	20.73	22.00	1.34	62.9	1.006	-0.04	1.340	1.806
	LTE Band 48	20M	QPSK	50	0	Back Top	0mm	Ant 6	DSI 6	Close	56150	3641	20.69	22.00	1.352	62.9	1.006	0.06	1.400	1.904
	LTE Band 48	20M	QPSK	50	0	Back Top	0mm	Ant 6	DSI 6	Close	56640	3690	20.72	22.00	1.343	62.9	1.006	0.11	1.360	1.837
	LTE Band 48	20M	QPSK	100	0	Back Top	0mm	Ant 6	DSI 6	Close	55830	3609	20.76	22.00	1.33	62.9	1.006	-0.16	1.630	2.181
	LTE Band 48	20M	QPSK	1	0	Top Side	0mm	Ant 6	DSI 6	Close	55830	3609	21.78	23.00	1.324	62.9	1.006	-0.04		



FCC SAR Test Report

Report No. : FA5N1310

	LTE Band 48	20M	QPSK	1	0	Back Top	0mm	Ant 8	DSI 6	Close	55340	3560	21.88	23.10	1.324	62.9	1.006	0.02	1.980	2.637
	LTE Band 48	20M	QPSK	1	0	Back Top	0mm	Ant 8	DSI 6	Close	56150	3641	21.79	23.10	1.352	62.9	1.006	0.16	2.120	2.883
	LTE Band 48	20M	QPSK	1	0	Back Top	0mm	Ant 8	DSI 6	Close	56640	3690	21.87	23.10	1.327	62.9	1.006	0.14	2.120	2.830
	LTE Band 48	20M	QPSK	50	0	Back Top	0mm	Ant 8	DSI 6	Close	55830	3609	21.82	23.10	1.343	62.9	1.006	-0.11	1.640	2.216
	LTE Band 48	20M	QPSK	50	0	Back Top	0mm	Ant 8	DSI 6	Close	55340	3560	21.80	23.10	1.349	62.9	1.006	-0.04	1.610	2.185
	LTE Band 48	20M	QPSK	50	0	Back Top	0mm	Ant 8	DSI 6	Close	56150	3641	21.79	23.10	1.352	62.9	1.006	-0.13	1.640	2.231
	LTE Band 48	20M	QPSK	50	0	Back Top	0mm	Ant 8	DSI 6	Close	56640	3690	21.78	23.10	1.355	62.9	1.006	0.18	1.710	2.331
	LTE Band 48	20M	QPSK	100	0	Back Top	0mm	Ant 8	DSI 6	Close	55830	3609	21.70	23.10	1.38	62.9	1.006	0.03	1.610	2.235
	LTE Band 48	20M	QPSK	1	0	Top Side	0mm	Ant 8	DSI 6	Close	55830	3609	21.93	23.10	1.309	62.9	1.006	0.04	1.800	2.370
	LTE Band 48	20M	QPSK	1	0	Top Side	0mm	Ant 8	DSI 6	Close	55340	3560	21.88	23.10	1.324	62.9	1.006	-0.06	2.300	3.063
	LTE Band 48	20M	QPSK	1	0	Top Side	0mm	Ant 8	DSI 6	Close	56150	3641	21.79	23.10	1.352	62.9	1.006	-0.09	2.320	3.155
	LTE Band 48	20M	QPSK	1	0	Top Side	0mm	Ant 8	DSI 6	Close	56640	3690	21.87	23.10	1.327	62.9	1.006	0.12	2.380	3.177
	LTE Band 48	20M	QPSK	50	0	Top Side	0mm	Ant 8	DSI 6	Close	55830	3609	21.82	23.10	1.343	62.9	1.006	-0.09	1.420	1.919
	LTE Band 48	20M	QPSK	50	0	Top Side	0mm	Ant 8	DSI 6	Close	55340	3560	21.80	23.10	1.349	62.9	1.006	-0.05	1.680	2.280
	LTE Band 48	20M	QPSK	50	0	Top Side	0mm	Ant 8	DSI 6	Close	56150	3641	21.79	23.10	1.352	62.9	1.006	-0.07	1.630	2.217
	LTE Band 48	20M	QPSK	50	0	Top Side	0mm	Ant 8	DSI 6	Close	56640	3690	21.78	23.10	1.355	62.9	1.006	0.14	1.610	2.195
	LTE Band 48	20M	QPSK	100	0	Top Side	0mm	Ant 8	DSI 6	Close	55830	3609	21.70	23.10	1.38	62.9	1.006	-0.07	1.940	2.693
	LTE Band 48	20M	QPSK	1	0	Back Top	4mm	Ant 8	DSI 4	Close	55830	3609	23.01	24.00	1.256	62.9	1.006	0.02	1.090	1.377
	LTE Band 48	20M	QPSK	50	0	Back Top	4mm	Ant 8	DSI 4	Close	55830	3609	22.06	23.00	1.242	62.9	1.006	0.02	0.618	0.772
	LTE Band 48	20M	QPSK	1	0	Top Side	7mm	Ant 8	DSI 4	Close	55830	3609	23.01	24.00	1.256	62.9	1.006	0.05	0.223	0.282
	LTE Band 48	20M	QPSK	50	0	Top Side	7mm	Ant 8	DSI 4	Close	55830	3609	22.06	23.00	1.242	62.9	1.006	-0.17	0.370	0.462

【FR1 SAR】

Plot No	Band	BW	Modulation	RB Size	RB Offset	Test Position	Gap (mm)	Antenna	Power State	EUT Flip State	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-Up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 10g SAR (W/kg)	Reported 10g SAR (W/kg)
	FR1 n7	50M	BPSK	1	1	Front	0mm	Ant 3	DSI 6	Close	507000	2535	20.12	21.20	1.282			-0.13	1.170	1.500
	FR1 n7	50M	BPSK	135	68	Front	0mm	Ant 3	DSI 6	Close	507000	2535	20.09	21.20	1.291			0.04	1.390	1.794
161	FR1 n7	50M	BPSK	1	1	Back Top	0mm	Ant 3	DSI 6	Close	507000	2535	20.12	21.20	1.282			-0.02	2.500	3.205
	FR1 n7	50M	BPSK	135	68	Back Top	0mm	Ant 3	DSI 6	Close	507000	2535	20.09	21.20	1.291			-0.06	2.220	2.866
	FR1 n7	50M	BPSK	270	0	Back Top	0mm	Ant 3	DSI 6	Close	507000	2535	20.10	21.20	1.288			0.02	2.250	2.898
	FR1 n7	50M	BPSK	1	1	Top Side	0mm	Ant 3	DSI 6	Close	507000	2535	20.12	21.20	1.282			0.09	2.180	2.795
	FR1 n7	50M	BPSK	135	68	Top Side	0mm	Ant 3	DSI 6	Close	507000	2535	20.09	21.20	1.291			-0.13	2.160	2.789
	FR1 n7	50M	BPSK	270	0	Top Side	0mm	Ant 3	DSI 6	Close	507000	2535	20.10	21.20	1.288			0.02	2.020	2.602
	FR1 n7	50M	BPSK	1	1	Front	7mm	Ant 3	DSI 4	Close	507000	2535	22.52	23.50	1.253			0.06	0.570	0.714
	FR1 n7	50M	BPSK	135	68	Front	7mm	Ant 3	DSI 4	Close	507000	2535	22.50	23.50	1.259			0.19	0.533	0.671
	FR1 n7	50M	BPSK	1	1	Back Top	4mm	Ant 3	DSI 4	Close	507000	2535	22.52	23.50	1.253			0.17	1.140	1.428
	FR1 n7	50M	BPSK	135	68	Back Top	4mm	Ant 3	DSI 4	Close	507000	2535	22.50	23.50	1.259			-0.12	1.090	1.372
	FR1 n7	50M	BPSK	1	1	Top Side	7mm	Ant 3	DSI 4	Close	507000	2535	22.52	23.50	1.253			0.05	1.480	1.854
	FR1 n7	50M	BPSK	135	68	Top Side	7mm	Ant 3	DSI 4	Close	507000	2535	22.50	23.50	1.259			-0.19	1.410	1.775
	FR1 n7	50M	BPSK	1	1	Back	0mm	Ant 2	DSI 6	Close	507000	2535	21.05	22.20	1.303			0.11	2.280	2.971
	FR1 n7	50M	BPSK	135	68	Back	0mm	Ant 2	DSI 6	Close	507000	2535	21.03	22.20	1.309			-0.03	2.420	3.168
	FR1 n7	50M	BPSK	270	0	Back	0mm	Ant 2	DSI 6	Close	507000	2535	20.98	22.20	1.324			0.18	2.220	2.939
	FR1 n7	50M	BPSK	1	1	Bottom Side	0mm	Ant 2	DSI 6	Close	507000	2535	21.05	22.20	1.303			-0.11	1.420	1.850
	FR1 n7	50M	BPSK	135	68	Bottom Side	0mm	Ant 2	DSI 6	Close	507000	2535	21.03	22.20	1.309			0.14	1.450	1.898
	FR1 n7	50M	BPSK	1	1	Back	10mm	Ant 2	DSI 4	Close	507000	2535	23.03	24.00	1.25			0.15	0.354	0.443
	FR1 n7	50M	BPSK	135	68	Back	10mm	Ant 2	DSI 4	Close	507000	2535	23.02	24.00	1.253			-0.04	0.361	0.452
	FR1 n7	50M	BPSK	1	1	Right Side	9mm	Ant 2	DSI 4	Close	507000	2535	23.03	24.00	1.25			0.03	0.054	0.068
	FR1 n7	50M	BPSK	135	68	Right Side	9mm	Ant 2	DSI 4	Close	507000	2535	23.02	24.00	1.253			-0.07	0.056	0.070
	FR1 n7	50M	BPSK	1	1	Bottom Side	6mm	Ant 2	DSI 4	Close	507000	2535	23.03	24.00	1.25			0.11	0.670	0.838
	FR1 n7	50M	BPSK	135	68	Bottom Side	6mm	Ant 2	DSI 4	Close	507000	2535	23.02	24.00	1.253			0.08	0.685	0.858
	FR1 n7	50M	BPSK	1	1	Back Right	0mm	Ant 4	DSI 6	Close	507000	2535	22.27	23.00	1.183			-0.13	1.760	2.082
	FR1 n7	50M	BPSK	135	68	Back Right	0mm	Ant 4	DSI 6	Close	507000	2535	22.25	23.00	1.189			0.09	1.980	2.354
	FR1 n7	50M	BPSK	270	0	Back Right	0mm	Ant 4	DSI 6	Close	507000	2535	22.21	23.00	1.199			0.10	1.750	2.098
	FR1 n7	50M	BPSK	1	1	Right Side	0mm	Ant 4	DSI 6	Close	507000	2535	22.27	23.00	1.183			0.06	1.780	2.106
	FR1 n7	50M	BPSK	135	68	Right Side	0mm	Ant 4	DSI 6	Close	507000	2535	22.25	23.00	1.189			0.08	1.840	2.188
	FR1 n7	50M	BPSK	270	0	Right Side	0mm	Ant 4	DSI 6	Close	507000	2535	22.21	23.00	1.199			-0.08	1.770	2.122
	FR1 n7	50M	BPSK	1	1	Back	0mm	Ant 0	DSI 6	Close	507000	2535	22.63	24.00	1.371			0.07	1.980	2.715
	FR1 n7	50M	BPSK	135	68	Back	0mm	Ant 0	DSI 6	Close	507000	2535	22.62	24.00	1.374			-0.09	1.800	2.473
	FR1 n7	50M	BPSK	270	0	Back	0mm	Ant 0	DSI 6	Close	507000	2535	22.55	24.00	1.396			0.09	1.740	2.429
	FR1 n7	50M	BPSK	1	1	Right Side	0mm	Ant 0	DSI 6	Close	507000	2535	22.63	24.00	1.371			-0.03	1.100	1.508
	FR1 n7	50M	BPSK	135	68	Right Side	0mm	Ant 0	DSI 6	Close	507000	2535	22.62	24.00	1.374			0.16	0.998	1.371
	FR1 n25	40M	BPSK	1	1	Back Top	0mm	Ant 3	DSI 6	Close	376500	1882.5	20.29	21.70	1.384			0.00	2.160	2.989
	FR1 n25	40M	BPSK	108	54	Back Top	0mm	Ant 3	DSI 6	Close	376500	1882.5	20.28	21.70	1.387			-0.01	2.000	2.774
	FR1 n25	40M	BPSK	216	0	Back Top	0mm	Ant 3	DSI 6	Close	376500	1882.5	20.26	21.70	1.393			0.06	1.920	2.675
162	FR1 n25	40M	BPSK	1	1	Top Side	0mm	Ant 3	DSI 6	Close	376500	1882.5	20.29	21.70	1.384			0.05	2.300	3.183
	FR1 n25	40M	BPSK	108	54	Top Side	0mm	Ant 3	DSI 6	Close	376500	1882.5	20.28	21.70	1.387			0.13	2.050	2.843
	FR1 n25	40M	BPSK	216	0	Top Side	0mm	Ant 3	DSI 6	Close	376500	1882.5	20.26	21.70	1.393			-0.12	2.020	2.814
	FR1 n25	40M	BPSK	1	1	Back Top	4mm	Ant 3	DSI 4	Close	376500	1882.5	23.32	24.00	1.169			0.02	0.797	0.932
	FR1 n25	40M	BPSK	108	54	Back Top	4mm	Ant 3	DSI 4	Close	376500	1882.5	23.20	24.00	1.202			0.07	0.862	1.036
	FR1 n25	40M	BPSK	1	1	Top Side	7mm	Ant 3	DSI 4	Close	376500	1882.5	23.32	24.00	1.169			-0.11	0.863	1.009
	FR1 n25	40M	BPSK	108	54	Top Side	7mm	Ant 3	DSI 4	Close	376500	1882.5	23.20	24.00	1.202			-0.11	0.917	1.102



FCC SAR Test Report

Report No. : FA5N1310

	FR1 n25	40M	BPSK	1	1	Back	0mm	Ant 2	DSI 6	Close	376500	1882.5	21.27	22.60	1.358			-0.07	2.330	3.164
	FR1 n25	40M	BPSK	108	54	Back	0mm	Ant 2	DSI 6	Close	376500	1882.5	21.25	22.60	1.365			0.08	2.150	2.935
	FR1 n25	40M	BPSK	216	0	Back	0mm	Ant 2	DSI 6	Close	376500	1882.5	21.19	22.60	1.384			0.07	2.280	3.156
	FR1 n25	40M	BPSK	1	1	Bottom Side	0mm	Ant 2	DSI 6	Close	376500	1882.5	21.27	22.60	1.358			0.02	1.450	1.969
	FR1 n25	40M	BPSK	108	54	Bottom Side	0mm	Ant 2	DSI 6	Close	376500	1882.5	21.25	22.60	1.365			0.18	1.230	1.679
	FR1 n25	40M	BPSK	1	1	Back	10mm	Ant 2	DSI 4	Close	376500	1882.5	22.73	24.00	1.34			0.05	0.347	0.465
	FR1 n25	40M	BPSK	108	54	Back	10mm	Ant 2	DSI 4	Close	376500	1882.5	22.69	24.00	1.352			0.04	0.342	0.462
	FR1 n25	40M	BPSK	1	1	Bottom Side	6mm	Ant 2	DSI 4	Close	376500	1882.5	22.73	24.00	1.34			0.09	0.747	1.001
	FR1 n25	40M	BPSK	108	54	Bottom Side	6mm	Ant 2	DSI 4	Close	376500	1882.5	22.69	24.00	1.352			0.08	0.799	1.080
	FR1 n30	10M	BPSK	1	1	Front	0mm	Ant 3	DSI 6	Close	462000	2310	22.53	23.70	1.309			0.05	1.130	1.479
	FR1 n30	10M	BPSK	25	14	Front	0mm	Ant 3	DSI 6	Close	462000	2310	22.49	23.70	1.321			0.15	1.140	1.506
	FR1 n30	10M	BPSK	1	1	Back Top	0mm	Ant 3	DSI 6	Close	462000	2310	22.53	23.70	1.309			-0.13	2.320	3.037
	FR1 n30	10M	BPSK	25	14	Back Top	0mm	Ant 3	DSI 6	Close	462000	2310	22.49	23.70	1.321			-0.12	2.230	2.946
	FR1 n30	10M	BPSK	50	0	Back Top	0mm	Ant 3	DSI 6	Close	462000	2310	22.45	23.70	1.334			0.06	2.170	2.895
	FR1 n30	10M	BPSK	1	1	Top Side	0mm	Ant 3	DSI 6	Close	462000	2310	22.53	23.70	1.309			0.02	2.400	3.142
	FR1 n30	10M	BPSK	25	14	Top Side	0mm	Ant 3	DSI 6	Close	462000	2310	22.49	23.70	1.321			0.10	2.330	3.078
	FR1 n30	10M	BPSK	50	0	Top Side	0mm	Ant 3	DSI 6	Close	462000	2310	22.45	23.70	1.334			0.03	2.350	3.135
	FR1 n30	10M	BPSK	1	1	Front	7mm	Ant 3	DSI 4	Close	462000	2310	23.50	24.00	1.122			0.06	0.249	0.279
	FR1 n30	10M	BPSK	25	14	Front	7mm	Ant 3	DSI 4	Close	462000	2310	23.47	24.00	1.113			0.02	0.234	0.264
	FR1 n30	10M	BPSK	1	1	Back Top	4mm	Ant 3	DSI 4	Close	462000	2310	23.50	24.00	1.122			-0.05	0.540	0.606
	FR1 n30	10M	BPSK	25	14	Back Top	4mm	Ant 3	DSI 4	Close	462000	2310	23.47	24.00	1.113			0.05	0.560	0.633
	FR1 n30	10M	BPSK	1	1	Top Side	7mm	Ant 3	DSI 4	Close	462000	2310	23.50	24.00	1.122			0.08	0.689	0.773
	FR1 n30	10M	BPSK	25	14	Top Side	7mm	Ant 3	DSI 4	Close	462000	2310	23.47	24.00	1.113			0.07	0.688	0.777
	FR1 n30	10M	BPSK	1	1	Back	0mm	Ant 2	DSI 6	Close	462000	2310	21.07	22.10	1.268			-0.19	2.220	2.815
	FR1 n30	10M	BPSK	25	14	Back	0mm	Ant 2	DSI 6	Close	462000	2310	21.05	22.10	1.274			0.12	2.170	2.765
163	FR1 n30	10M	BPSK	50	0	Back	0mm	Ant 2	DSI 6	Close	462000	2310	21.01	22.10	1.285			-0.01	2.480	3.187
	FR1 n30	10M	BPSK	1	1	Bottom Side	0mm	Ant 2	DSI 6	Close	462000	2310	21.07	22.10	1.268			0.11	2.050	2.599
	FR1 n30	10M	BPSK	25	14	Bottom Side	0mm	Ant 2	DSI 6	Close	462000	2310	21.05	22.10	1.274			-0.10	2.130	2.714
	FR1 n30	10M	BPSK	50	0	Bottom Side	0mm	Ant 2	DSI 6	Close	462000	2310	21.01	22.10	1.285			0.18	1.980	2.544
	FR1 n30	10M	BPSK	1	1	Back	10mm	Ant 2	DSI 4	Close	462000	2310	23.06	24.00	1.242			0.16	0.202	0.251
	FR1 n30	10M	BPSK	25	14	Back	10mm	Ant 2	DSI 4	Close	462000	2310	23.04	24.00	1.247			0.03	0.200	0.249
	FR1 n30	10M	BPSK	1	1	Bottom Side	6mm	Ant 2	DSI 4	Close	462000	2310	23.06	24.00	1.242			0.10	0.368	0.457
	FR1 n30	10M	BPSK	25	14	Bottom Side	6mm	Ant 2	DSI 4	Close	462000	2310	23.04	24.00	1.247			0.06	0.436	0.544
	FR1 n30	10M	BPSK	1	1	Back Right	0mm	Ant 4	DSI 6	Close	462000	2310	22.25	23.00	1.189			-0.08	1.890	2.247
	FR1 n30	10M	BPSK	25	14	Back Right	0mm	Ant 4	DSI 6	Close	462000	2310	22.22	23.00	1.197			-0.17	1.730	2.071
	FR1 n30	10M	BPSK	50	0	Back Right	0mm	Ant 4	DSI 6	Close	462000	2310	22.17	23.00	1.211			-0.05	1.690	2.047
	FR1 n66	45M	BPSK	1	1	Back Top	0mm	Ant 3	DSI 6	Close	349000	1745	22.11	23.00	1.227			0.16	2.250	2.761
	FR1 n66	45M	BPSK	120	60	Back Top	0mm	Ant 3	DSI 6	Close	349000	1745	22.07	23.00	1.239			-0.16	2.480	3.073
	FR1 n66	45M	BPSK	240	0	Back Top	0mm	Ant 3	DSI 6	Close	349000	1745	22.05	23.00	1.245			0.05	2.330	2.901
	FR1 n66	45M	BPSK	1	1	Top Side	0mm	Ant 3	DSI 6	Close	349000	1745	22.11	23.00	1.227			0.02	2.310	2.834
	FR1 n66	45M	BPSK	120	60	Top Side	0mm	Ant 3	DSI 6	Close	349000	1745	22.07	23.00	1.239			-0.03	2.530	3.135
	FR1 n66	45M	BPSK	240	0	Top Side	0mm	Ant 3	DSI 6	Close	349000	1745	22.05	23.00	1.245			0.08	2.550	3.175
	FR1 n66	45M	BPSK	1	1	Back Top	4mm	Ant 3	DSI 4	Close	349000	1745	23.62	24.00	1.091			-0.05	0.695	0.758
	FR1 n66	45M	BPSK	120	60	Back Top	4mm	Ant 3	DSI 4	Close	349000	1745	23.58	24.00	1.102			0.06	0.692	0.763
	FR1 n66	45M	BPSK	1	1	Top Side	7mm	Ant 3	DSI 4	Close	349000	1745	23.62	24.00	1.091			-0.06	0.679	0.741
	FR1 n66	45M	BPSK	120	60	Top Side	7mm	Ant 3	DSI 4	Close	349000	1745	23.58	24.00	1.102			-0.05	0.814	0.897
164	FR1 n66	45M	BPSK	1	1	Back	0mm	Ant 2	DSI 6	Close	349000	1745	21.94	23.20	1.337			-0.06	2.400	3.209
	FR1 n66	45M	BPSK	120	60	Back	0mm	Ant 2	DSI 6	Close	349000	1745	21.90	23.20	1.349			0.02	2.290	3.089
	FR1 n66	45M	BPSK	240	0	Back	0mm	Ant 2	DSI 6	Close	349000	1745	21.88	23.20	1.355			-0.14	2.220	3.008
	FR1 n66	45M	BPSK	1	1	Bottom Side	0mm	Ant 2	DSI 6	Close	349000	1745	21.94	23.20	1.337			0.07	1.780	2.380
	FR1 n66	45M	BPSK	120	60	Bottom Side	0mm	Ant 2	DSI 6	Close	349000	1745	21.90	23.20	1.349			-0.06	1.520	2.050
	FR1 n66	45M	BPSK	240	0	Bottom Side	0mm	Ant 2	DSI 6	Close	349000	1745	21.88	23.20	1.355			0.12	1.440	1.951
	FR1 n66	45M	BPSK	1	1	Back	10mm	Ant 2	DSI 4	Close	349000	1745	22.99	24.00	1.262			-0.09	0.385	0.486
	FR1 n66	45M	BPSK	120	60	Back	10mm	Ant 2	DSI 4	Close	349000	1745	22.95	24.00	1.274			0.02	0.396	0.505
	FR1 n66	45M	BPSK	1	1	Bottom Side	6mm	Ant 2	DSI 4	Close	349000	1745	22.99	24.00	1.262			-0.05	0.922	1.164
	FR1 n66	45M	BPSK	120	60	Bottom Side	6mm	Ant 2	DSI 4	Close	349000	1745	22.95	24.00	1.274			0.09	0.922	1.175
	FR1 n70	15M	BPSK	1	1	Back Top	0mm	Ant 3	DSI 6	Close	340500	1702.5	23.61	24.00	1.094			0.11	1.660	1.816
	FR1 n70	15M	BPSK	36	22	Back Top	0mm	Ant 3	DSI 6	Close	340500	1702.5	23.51	24.00	1.119			0.02	1.750	1.958
	FR1 n70	15M	BPSK	1	1	Top Side	0mm	Ant 3	DSI 6	Close	340500	1702.5	23.61	24.00	1.094			0.11	1.550	1.696
	FR1 n70	15M	BPSK	36	22	Top Side	0mm	Ant 3	DSI 6	Close	340500	1702.5	23.51	24.00	1.119			0.04	1.540	1.723
	FR1 n70	15M	BPSK	1	1	Back	0mm	Ant 2	DSI 6	Close	340500	1702.5	22.67	24.00	1.358			0.11	2.250	3.056
165	FR1 n70	15M	BPSK	36	22	Back	0mm	Ant 2	DSI 6	Close	340500	1702.5	22.65	24.00	1.365			0.08	2.340	3.194
	FR1 n70	15M	BPSK	75	0	Back	0mm	Ant 2	DSI 6	Close	340500	1702.5	22.62	24.00	1.374			-0.04	2.160	2.968
	FR1 n70	15M	BPSK	1	1	Bottom Side	0mm	Ant 2	DSI 6	Close	340500	1702.5	22.67	24.00	1.358			0.14	1.610	2.186
	FR1 n70	15M	BPSK	36	22	Bottom Side	0mm	Ant 2	DSI 6	Close	340500	1702.5	22.65	24.00	1.365			0.18	1.910	2.607
	FR1 n70	15M	BPSK	75	0	Bottom Side	0mm	Ant 2	DSI 6	Close	340500	1702.5	22.62	24.00	1.374			0.17	1.850	2.542
	FR1 n41	100M	BPSK	1	1	Front	0mm	Ant 3	DSI 6	Close	518598	2592.99	20.57	21.30	1.183			0.14	1.600	1.893
	FR1 n41	100M	BPSK	135	69	Front	0mm	Ant 3	DSI 6	Close	518598	2592.99	20.56	21.30	1.186			-0.09	1.520	1.803
166	FR1 n41	100M	BPSK	1	1	Back Top	0mm	Ant 3	DSI 6	Close	518598	2592.99	20.57	21.30	1.183			-0.07	2.660	3.147
	FR1 n41	100M	BPSK	135	69	Back Top	0mm	Ant 3	DSI 6	Close	518598	2592.99	20.56	21.30	1.186			0.18	2.150	2.550
	FR1 n41	100M	BPSK	270	0	Back Top	0mm	Ant 3	DSI 6	Close	518598	2592.99	20.53	21.30	1.194			0.13	2.270	2.710
	FR1 n41	100M	BPSK	1	1	Top Side	0mm	Ant 3	DSI 6	Close	518598	2592.								



FCC SAR Test Report

Report No. : FA5N1310

	FR1 n41	100M	BPSK	270	0	Top Side	0mm	Ant 3	DSI 6	Close	518598	2592.99	20.53	21.30	1.194			-0.01	2.380	2.842
	FR1 n41 HPUE	100M	BPSK	1	1	Back Top	0mm	Ant 3	DSI 6	Close	518598	2592.99	23.49	24.30	1.205	50.0	1.0	0.09	2.580	3.109
	FR1 n41	100M	BPSK	1	1	Front	7mm	Ant 3	DSI 4	Close	518598	2592.99	22.56	23.50	1.242			0.03	0.689	0.856
	FR1 n41	100M	BPSK	135	69	Front	7mm	Ant 3	DSI 4	Close	518598	2592.99	22.52	23.50	1.253			-0.18	0.683	0.856
	FR1 n41	100M	BPSK	1	1	Back Top	4mm	Ant 3	DSI 4	Close	518598	2592.99	22.56	23.50	1.242			0.05	1.520	1.888
	FR1 n41	100M	BPSK	135	69	Back Top	4mm	Ant 3	DSI 4	Close	518598	2592.99	22.52	23.50	1.253			-0.16	1.400	1.754
	FR1 n41	100M	BPSK	1	1	Top Side	7mm	Ant 3	DSI 4	Close	518598	2592.99	22.56	23.50	1.242			-0.17	1.470	1.826
	FR1 n41	100M	BPSK	135	69	Top Side	7mm	Ant 3	DSI 4	Close	518598	2592.99	22.52	23.50	1.253			0.09	1.410	1.767
	FR1 n41 HPUE	100M	BPSK	1	1	Back Top	4mm	Ant 3	DSI 4	Close	518598	2592.99	25.48	26.50	1.265	50.0	1.0	0.01	1.480	1.872
	FR1 n41	100M	BPSK	1	1	Back	0mm	Ant 2	DSI 6	Close	518598	2592.99	20.65	21.80	1.303			0.04	2.410	3.140
	FR1 n41	100M	BPSK	135	69	Back	0mm	Ant 2	DSI 6	Close	518598	2592.99	20.63	21.80	1.309			-0.16	1.960	2.566
	FR1 n41	100M	BPSK	270	0	Back	0mm	Ant 2	DSI 6	Close	518598	2592.99	20.61	21.80	1.315			0.15	1.980	2.604
	FR1 n41	100M	BPSK	1	1	Bottom Side	0mm	Ant 2	DSI 6	Close	518598	2592.99	20.65	21.80	1.303			-0.16	1.190	1.551
	FR1 n41	100M	BPSK	135	69	Bottom Side	0mm	Ant 2	DSI 6	Close	518598	2592.99	20.63	21.80	1.309			0.17	1.360	1.780
	FR1 n41 HPUE	100M	BPSK	1	1	Back	0mm	Ant 2	DSI 6	Close	518598	2592.99	23.77	24.80	1.268	50.0	1.0	0.04	2.340	2.967
	FR1 n41	100M	BPSK	1	1	Back	10mm	Ant 2	DSI 4	Close	518598	2592.99	23.21	24.00	1.199			0.14	0.405	0.486
	FR1 n41	100M	BPSK	135	69	Back	10mm	Ant 2	DSI 4	Close	518598	2592.99	23.19	24.00	1.205			0.09	0.372	0.448
	FR1 n41	100M	BPSK	1	1	Bottom Side	6mm	Ant 2	DSI 4	Close	518598	2592.99	23.21	24.00	1.199			0.05	0.836	1.002
	FR1 n41	100M	BPSK	135	69	Bottom Side	6mm	Ant 2	DSI 4	Close	518598	2592.99	23.19	24.00	1.205			0.08	0.819	0.987
	FR1 n41 HPUE	100M	BPSK	1	1	Bottom Side	6mm	Ant 2	DSI 4	Close	518598	2592.99	26.35	27.00	1.161	50.0	1.0	0.02	0.814	0.945
	FR1 n41	100M	BPSK	1	1	Back Right	0mm	Ant 4	DSI 6	Close	518598	2592.99	22.18	23.00	1.208			0.08	2.320	2.803
	FR1 n41	100M	BPSK	135	69	Back Right	0mm	Ant 4	DSI 6	Close	518598	2592.99	22.15	23.00	1.216			-0.08	2.160	2.627
	FR1 n41	100M	BPSK	270	0	Back Right	0mm	Ant 4	DSI 6	Close	518598	2592.99	22.01	23.00	1.256			0.10	2.210	2.776
	FR1 n41	100M	BPSK	1	1	Right Side	0mm	Ant 4	DSI 6	Close	518598	2592.99	22.18	23.00	1.208			-0.16	1.960	2.368
	FR1 n41	100M	BPSK	135	69	Right Side	0mm	Ant 4	DSI 6	Close	518598	2592.99	22.15	23.00	1.216			0.17	1.860	2.262
	FR1 n41	100M	BPSK	270	0	Right Side	0mm	Ant 4	DSI 6	Close	518598	2592.99	22.01	23.00	1.256			-0.02	1.760	2.211
	FR1 n41 HPUE	100M	BPSK	1	1	Back Right	0mm	Ant 4	DSI 6	Close	518598	2592.99	25.02	26.00	1.253	50.0	1.0	0.03	2.160	2.706
	FR1 n41	100M	BPSK	1	1	Front	0mm	Ant 0	DSI 6	Close	518598	2592.99	22.71	24.00	1.346			-0.08	0.741	0.997
	FR1 n41	100M	BPSK	135	69	Front	0mm	Ant 0	DSI 6	Close	518598	2592.99	22.69	24.00	1.352			-0.02	0.721	0.975
	FR1 n41	100M	BPSK	1	1	Bottom Side	0mm	Ant 0	DSI 6	Close	518598	2592.99	22.71	24.00	1.346			0.06	1.740	2.342
	FR1 n41	100M	BPSK	135	69	Bottom Side	0mm	Ant 0	DSI 6	Close	518598	2592.99	22.69	24.00	1.352			-0.05	1.660	2.244
	FR1 n41	100M	BPSK	270	0	Bottom Side	0mm	Ant 0	DSI 6	Close	518598	2592.99	22.61	24.00	1.377			-0.12	1.500	2.066
	FR1 n41 HPUE	100M	BPSK	1	1	Bottom Side	0mm	Ant 0	DSI 6	Close	518598	2592.99	25.76	27.00	1.33	50.0	1.0	0.02	1.650	2.195
	FR1 n48	40M	BPSK	1	1	Back	0mm	Ant 2	DSI 6	Close	641666	3624.99	21.71	22.50	1.199			0.09	2.650	3.177
	FR1 n48	40M	BPSK	1	1	Back	0mm	Ant 2	DSI 6	Close	638000	3570	21.68	22.50	1.208			-0.13	2.120	2.561
	FR1 n48	40M	BPSK	1	1	Back	0mm	Ant 2	DSI 6	Close	645332	3679.98	21.66	22.50	1.213			0.07	2.390	2.899
	FR1 n48	40M	BPSK	50	28	Back	0mm	Ant 2	DSI 6	Close	641666	3624.99	21.69	22.50	1.205			-0.01	2.370	2.856
	FR1 n48	40M	BPSK	50	28	Back	0mm	Ant 2	DSI 6	Close	638000	3570	21.64	22.50	1.219			-0.05	2.590	3.157
	FR1 n48	40M	BPSK	50	28	Back	0mm	Ant 2	DSI 6	Close	645332	3679.98	21.66	22.50	1.213			0.12	2.090	2.535
	FR1 n48	40M	BPSK	100	0	Back	0mm	Ant 2	DSI 6	Close	641666	3624.99	21.65	22.50	1.216			0.03	2.490	3.028
	FR1 n48	40M	BPSK	1	1	Bottom Side	0mm	Ant 2	DSI 6	Close	641666	3624.99	21.71	22.50	1.199			0.15	2.330	2.794
	FR1 n48	40M	BPSK	1	1	Bottom Side	0mm	Ant 2	DSI 6	Close	638000	3570	21.68	22.50	1.208			0.15	2.200	2.658
	FR1 n48	40M	BPSK	1	1	Bottom Side	0mm	Ant 2	DSI 6	Close	645332	3679.98	21.66	22.50	1.213			-0.05	2.260	2.741
	FR1 n48	40M	BPSK	50	28	Bottom Side	0mm	Ant 2	DSI 6	Close	641666	3624.99	21.69	22.50	1.205			0.08	2.160	2.603
	FR1 n48	40M	BPSK	50	28	Bottom Side	0mm	Ant 2	DSI 6	Close	638000	3570	21.64	22.50	1.219			-0.12	2.050	2.499
	FR1 n48	40M	BPSK	50	28	Bottom Side	0mm	Ant 2	DSI 6	Close	645332	3679.98	21.66	22.50	1.213			-0.18	2.010	2.438
	FR1 n48	40M	BPSK	100	0	Bottom Side	0mm	Ant 2	DSI 6	Close	641666	3624.99	21.65	22.50	1.216			-0.10	2.270	2.760
	FR1 n48	40M	BPSK	1	1	Back	10mm	Ant 2	DSI 4	Close	641666	3624.99	22.75	24.00	1.334			-0.08	0.263	0.351
	FR1 n48	40M	BPSK	50	28	Back	10mm	Ant 2	DSI 4	Close	641666	3624.99	22.71	24.00	1.346			0.04	0.225	0.303
	FR1 n48	40M	BPSK	1	1	Bottom Side	6mm	Ant 2	DSI 4	Close	641666	3624.99	22.75	24.00	1.334			0.04	0.597	0.796
	FR1 n48	40M	BPSK	50	28	Bottom Side	6mm	Ant 2	DSI 4	Close	641666	3624.99	22.71	24.00	1.346			0.06	0.576	0.775
	FR1 n48	40M	BPSK	1	1	Back Right	0mm	Ant 4	DSI 6	Close	641666	3624.99	23.21	24.00	1.199			-0.16	1.770	2.122
	FR1 n48	40M	BPSK	1	1	Back Right	0mm	Ant 4	DSI 6	Close	638000	3570	23.18	24.00	1.208			0.07	2.100	2.537
	FR1 n48	40M	BPSK	1	1	Back Right	0mm	Ant 4	DSI 6	Close	645332	3679.98	23.20	24.00	1.202			-0.16	1.680	2.019
	FR1 n48	40M	BPSK	50	28	Back Right	0mm	Ant 4	DSI 6	Close	641666	3624.99	23.19	24.00	1.205			0.07	1.710	2.061
	FR1 n48	40M	BPSK	50	28	Back Right	0mm	Ant 4	DSI 6	Close	638000	3570	23.17	24.00	1.211			-0.00	1.960	2.374
	FR1 n48	40M	BPSK	50	28	Back Right	0mm	Ant 4	DSI 6	Close	645332	3679.98	23.16	24.00	1.213			-0.12	1.300	1.577
	FR1 n48	40M	BPSK	100	0	Back Right	0mm	Ant 4	DSI 6	Close	641666	3624.99	23.17	24.00	1.211			0.15	1.660	2.010
	FR1 n48	40M	BPSK	1	1	Right Side	0mm	Ant 4	DSI 6	Close	641666	3624.99	23.21	24.00	1.199			-0.14	0.917	1.099
	FR1 n48	40M	BPSK	50	28	Right Side	0mm	Ant 4	DSI 6	Close	641666	3624.99	23.19	24.00	1.205			0.08	0.918	1.106
	FR1 n48	40M	BPSK	1	1	Back Top	0mm	Ant 6	DSI 6	Close	641666	3624.99	22.35	23.20	1.216			0.18	2.260	2.748
	FR1 n48	40M	BPSK	1	1	Back Top	0mm	Ant 6	DSI 6	Close	638000	3570	22.31	23.20	1.227			-0.03	2.110	2.589
	FR1 n48	40M	BPSK	1	1	Back Top	0mm	Ant 6	DSI 6	Close	645332	3679.98	22.28	23.20	1.236			0.07	2.370	2.929
	FR1 n48	40M	BPSK	50	28	Back Top	0mm	Ant 6	DSI 6	Close	641666	3624.99	22.32	23.20	1.225			-0.12	2.000	2.450
	FR1 n48	40M	BPSK	50	28	Back Top	0mm	Ant 6	DSI 6	Close	638000	3570	22.30	23.20	1.23			0.05	2.060	2.534
167	FR1 n48	40M	BPSK	50	28	Back Top	0mm	Ant 6	DSI 6	Close	645332	3679.98	22.26	23.20	1.242			0.02	2.580	3.204
	FR1 n48	40M	BPSK	100	0	Back Top	0mm	Ant 6	DSI 6	Close	641666	3624.99	22.29	23.20	1.233			0.07	1.760	2.170
	FR1 n48	40M	BPSK	1	1	Top Side	0mm	Ant 6	DSI 6	Close	641666	3624.99	22.35	23.20	1.216			-0.15	1.750	2.128
	FR1 n48	40M	BPSK	1	1	Top Side	0mm	Ant 6	DSI 6	Close	638000	3570	22.31	23.20	1.227			0.01	1.620	1.988
	FR1 n48	40M	BPSK	1	1	Top Side	0mm	Ant 6	DSI 6	Close	645332	3679.98	22.28	23.20	1.236			0.02	1.580	1.953



FCC SAR Test Report

Report No. : FA5N1310

	FR1 n48	40M	BPSK	50	28	Top Side	0mm	Ant 6	DSI 6	Close	641666	3624.99	22.32	23.20	1.225			0.03	1.810	2.217
	FR1 n48	40M	BPSK	50	28	Top Side	0mm	Ant 6	DSI 6	Close	638000	3570	22.30	23.20	1.23			0.06	1.680	2.066
	FR1 n48	40M	BPSK	50	28	Top Side	0mm	Ant 6	DSI 6	Close	645332	3679.98	22.26	23.20	1.242			0.08	1.610	2.000
	FR1 n48	40M	BPSK	100	0	Top Side	0mm	Ant 6	DSI 6	Close	641666	3624.99	22.29	23.20	1.233			0.03	1.640	2.022
	FR1 n48	40M	BPSK	1	1	Back Top	4mm	Ant 6	DSI 4	Close	641666	3624.99	23.43	24.00	1.14			0.08	0.815	0.929
	FR1 n48	40M	BPSK	50	28	Back Top	4mm	Ant 6	DSI 4	Close	641666	3624.99	23.40	24.00	1.148			-0.10	0.985	1.131
	FR1 n48	40M	BPSK	1	1	Top Side	7mm	Ant 6	DSI 4	Close	641666	3624.99	23.43	24.00	1.14			-0.10	0.577	0.658
	FR1 n48	40M	BPSK	50	28	Top Side	7mm	Ant 6	DSI 4	Close	641666	3624.99	23.40	24.00	1.148			0.02	0.572	0.657
	FR1 n48	40M	BPSK	1	1	Back Top	0mm	Ant 8	DSI 6	Close	641666	3624.99	19.06	20.80	1.493			0.05	2.120	3.165
	FR1 n48	40M	BPSK	1	1	Back Top	0mm	Ant 8	DSI 6	Close	638000	3570	19.02	20.80	1.507			-0.19	2.030	3.059
	FR1 n48	40M	BPSK	1	1	Back Top	0mm	Ant 8	DSI 6	Close	645332	3679.98	19.00	20.80	1.514			0.12	2.080	3.149
	FR1 n48	40M	BPSK	50	28	Back Top	0mm	Ant 8	DSI 6	Close	641666	3624.99	19.02	20.80	1.507			-0.01	1.890	2.848
	FR1 n48	40M	BPSK	50	28	Back Top	0mm	Ant 8	DSI 6	Close	638000	3570	18.94	20.80	1.535			-0.14	1.780	2.732
	FR1 n48	40M	BPSK	50	28	Back Top	0mm	Ant 8	DSI 6	Close	645332	3679.98	18.99	20.80	1.517			-0.09	1.760	2.670
	FR1 n48	40M	BPSK	100	0	Back Top	0mm	Ant 8	DSI 6	Close	641666	3624.99	18.92	20.80	1.542			0.00	1.880	2.899
	FR1 n48	40M	BPSK	1	1	Top Side	0mm	Ant 8	DSI 6	Close	641666	3624.99	19.06	20.80	1.493			-0.04	1.690	2.523
	FR1 n48	40M	BPSK	1	1	Top Side	0mm	Ant 8	DSI 6	Close	638000	3570	19.02	20.80	1.507			-0.05	1.400	2.110
	FR1 n48	40M	BPSK	1	1	Top Side	0mm	Ant 8	DSI 6	Close	645332	3679.98	19.00	20.80	1.514			0.19	1.580	2.392
	FR1 n48	40M	BPSK	50	28	Top Side	0mm	Ant 8	DSI 6	Close	641666	3624.99	19.02	20.80	1.507			0.11	1.710	2.577
	FR1 n48	40M	BPSK	50	28	Top Side	0mm	Ant 8	DSI 6	Close	638000	3570	18.94	20.80	1.535			-0.18	1.510	2.318
	FR1 n48	40M	BPSK	50	28	Top Side	0mm	Ant 8	DSI 6	Close	645332	3679.98	18.99	20.80	1.517			-0.05	1.670	2.533
	FR1 n48	40M	BPSK	100	0	Top Side	0mm	Ant 8	DSI 6	Close	641666	3624.99	18.92	20.80	1.542			-0.12	1.440	2.220
	FR1 n48	40M	BPSK	1	1	Back Top	4mm	Ant 8	DSI 4	Close	641666	3624.99	23.15	24.00	1.216			0.07	1.090	1.325
	FR1 n48	40M	BPSK	50	28	Back Top	4mm	Ant 8	DSI 4	Close	641666	3624.99	23.11	24.00	1.227			0.13	1.080	1.325
	FR1 n48	40M	BPSK	1	1	Top Side	7mm	Ant 8	DSI 4	Close	641666	3624.99	23.15	24.00	1.216			0.06	0.633	0.770
	FR1 n48	40M	BPSK	50	28	Top Side	7mm	Ant 8	DSI 4	Close	641666	3624.99	23.11	24.00	1.227			0.01	0.601	0.737
	FR1 n77	100M	BPSK	1	1	Back	0mm	Ant 2	DSI 6	Close	633332	3499.98	20.72	21.90	1.312			-0.08	2.190	2.873
	FR1 n77	100M	BPSK	135	69	Back	0mm	Ant 2	DSI 6	Close	633332	3499.98	20.69	21.90	1.321			-0.07	2.210	2.919
	FR1 n77	100M	BPSK	270	0	Back	0mm	Ant 2	DSI 6	Close	633332	3499.98	20.65	21.90	1.334			0.01	2.030	2.708
	FR1 n77	100M	BPSK	1	1	Bottom Side	0mm	Ant 2	DSI 6	Close	633332	3499.98	20.72	21.90	1.312			-0.06	2.120	2.781
168	FR1 n77	100M	BPSK	135	69	Bottom Side	0mm	Ant 2	DSI 6	Close	633332	3499.98	20.69	21.90	1.321			0.09	2.410	3.184
	FR1 n77	100M	BPSK	270	0	Bottom Side	0mm	Ant 2	DSI 6	Close	633332	3499.98	20.65	21.90	1.334			-0.08	2.300	3.068
	FR1 n77 HPUE	100M	BPSK	135	69	Bottom Side	0mm	Ant 2	DSI 6	Close	633332	3499.98	23.68	24.90	1.324	50.0	1.0	-0.14	2.230	2.953
	FR1 n77	100M	BPSK	1	1	Back	10mm	Ant 2	DSI 4	Close	633332	3499.98	22.66	24.00	1.361			-0.04	0.299	0.407
	FR1 n77	100M	BPSK	135	69	Back	10mm	Ant 2	DSI 4	Close	633332	3499.98	22.64	24.00	1.368			0.06	0.312	0.427
	FR1 n77	100M	BPSK	1	1	Bottom Side	6mm	Ant 2	DSI 4	Close	633332	3499.98	22.66	24.00	1.361			0.12	0.717	0.976
	FR1 n77	100M	BPSK	135	69	Bottom Side	6mm	Ant 2	DSI 4	Close	633332	3499.98	22.64	24.00	1.368			-0.10	0.705	0.964
	FR1 n77 HPUE	100M	BPSK	1	1	Bottom Side	6mm	Ant 2	DSI 4	Close	633332	3499.98	25.63	27.00	1.371	50.0	1.0	0.02	0.688	0.943
	FR1 n77	100M	BPSK	1	1	Back Right	0mm	Ant 4	DSI 6	Close	633332	3499.98	21.16	22.30	1.3			0.15	2.410	3.133
	FR1 n77	100M	BPSK	135	69	Back Right	0mm	Ant 4	DSI 6	Close	633332	3499.98	21.14	22.30	1.306			-0.15	1.990	2.599
	FR1 n77	100M	BPSK	270	0	Back Right	0mm	Ant 4	DSI 6	Close	633332	3499.98	21.12	22.30	1.312			-0.13	1.870	2.453
	FR1 n77	100M	BPSK	1	1	Right Side	0mm	Ant 4	DSI 6	Close	633332	3499.98	21.16	22.30	1.3			-0.11	1.050	1.365
	FR1 n77	100M	BPSK	135	69	Right Side	0mm	Ant 4	DSI 6	Close	633332	3499.98	21.14	22.30	1.306			-0.17	0.839	1.096
	FR1 n77	100M	BPSK	1	1	Back Right	6mm	Ant 4	DSI 4	Close	633332	3499.98	23.23	24.00	1.194			0.18	0.626	0.747
	FR1 n77	100M	BPSK	135	69	Back Right	6mm	Ant 4	DSI 4	Close	633332	3499.98	23.20	24.00	1.202			-0.13	0.446	0.536
	FR1 n77	100M	BPSK	1	1	Right Side	8mm	Ant 4	DSI 4	Close	633332	3499.98	23.23	24.00	1.194			-0.08	0.371	0.443
	FR1 n77	100M	BPSK	135	69	Right Side	8mm	Ant 4	DSI 4	Close	633332	3499.98	23.20	24.00	1.202			-0.03	0.303	0.364
	FR1 n77 HPUE	100M	BPSK	1	1	Back Right	0mm	Ant 4	DSI 6	Close	633332	3499.98	24.15	25.30	1.303	50.0	1.0	0.01	2.320	3.023
	FR1 n77 HPUE	100M	BPSK	1	1	Back Right	6mm	Ant 4	DSI 4	Close	633332	3499.98	26.23	27.00	1.194	50.0	1.0	0.11	0.604	0.721
	FR1 n77	100M	BPSK	1	1	Back Top	0mm	Ant 6	DSI 6	Close	633332	3499.98	21.72	22.60	1.225			-0.06	2.040	2.499
	FR1 n77	100M	BPSK	135	69	Back Top	0mm	Ant 6	DSI 6	Close	633332	3499.98	21.69	22.60	1.233			-0.06	1.450	1.788
	FR1 n77	100M	BPSK	270	0	Back Top	0mm	Ant 6	DSI 6	Close	633332	3499.98	21.61	22.60	1.256			-0.09	1.760	2.211
	FR1 n77	100M	BPSK	1	1	Top Side	0mm	Ant 6	DSI 6	Close	633332	3499.98	21.72	22.60	1.225			-0.18	1.450	1.776
	FR1 n77	100M	BPSK	135	69	Top Side	0mm	Ant 6	DSI 6	Close	633332	3499.98	21.69	22.60	1.233			0.14	1.250	1.541
	FR1 n77	100M	BPSK	1	1	Top Side	4mm	Ant 6	DSI 4	Close	633332	3499.98	23.34	24.00	1.164			0.02	1.220	1.420
	FR1 n77	100M	BPSK	135	69	Back Top	4mm	Ant 6	DSI 4	Close	633332	3499.98	23.24	24.00	1.191			-0.04	0.779	0.928
	FR1 n77	100M	BPSK	1	1	Top Side	7mm	Ant 6	DSI 4	Close	633332	3499.98	23.34	24.00	1.164			-0.02	0.890	1.036
	FR1 n77	100M	BPSK	135	69	Top Side	7mm	Ant 6	DSI 4	Close	633332	3499.98	23.24	24.00	1.191			0.05	0.722	0.860
	FR1 n77 HPUE	100M	BPSK	1	1	Back Top	0mm	Ant 6	DSI 6	Close	633332	3499.98	24.83	25.60	1.194	50.0	1.0	-0.12	1.980	2.364
	FR1 n77 HPUE	100M	BPSK	1	1	Back Top	4mm	Ant 6	DSI 4	Close	633332	3499.98	26.36	27.00	1.159	50.0	1.0	0.01	1.140	1.321
	FR1 n77	100M	BPSK	1	1	Back Top	0mm	Ant 8	DSI 6	Close	633332	3499.98	18.98	19.90	1.236			-0.03	1.270	1.570
	FR1 n77	100M	BPSK	135	69	Back Top	0mm	Ant 8	DSI 6	Close	633332	3499.98	18.95	19.90	1.245			0.08	1.510	1.880
	FR1 n77	100M	BPSK	1	1	Top Side	0mm	Ant 8	DSI 6	Close	633332	3499.98	18.98	19.90	1.236			-0.15	1.080	1.335
	FR1 n77	100M	BPSK	135	69	Top Side	0mm	Ant 8	DSI 6	Close	633332	3499.98	18.95	19.90	1.245			0.10	1.150	1.432
	FR1 n77	100M	BPSK	1	1	Back Top	4mm	Ant 8	DSI 4	Close	633332	3499.98	21.53	21.90	1.089			0.15	1.350	1.470
	FR1 n77	100M	BPSK	135	69	Back Top	4mm	Ant 8	DSI 4	Close	633332	3499.98	21.49	21.90	1.099			0.03	1.180	1.297
	FR1 n77	100M	BPSK	1	1	Top Side	7mm	Ant 8	DSI 4	Close	633332	3499.98	21.53	21.90	1.089			0.15	0.792	0.862
	FR1 n77	100M	BPSK	135	69	Top Side	7mm	Ant 8	DSI 4	Close	633332	3499.98	21.49	21.90	1.099			0.06	0.675	0.742
	FR1 n77 HPUE	100M	BPSK	135	69	Back Top	0mm	Ant 8	DSI 6	Close	633332	3499.98	21.78	22.90	1.294	50.0	1.0	0.11	1.500	1.941



FCC SAR Test Report

Report No. : FA5N1310

FR1 n77 HPUE	100M	BPSK	1	1	Back Top	4mm	Ant 8	DSI 4	Close	633332	3499.98	24.58	24.90	1.076	50.0	1.0	0.06	1.240	1.334
FR1 n77	100M	BPSK	1	1	Back	0mm	Ant 2	DSI 6	Close	656000	3840	20.89	21.90	1.262			0.06	1.830	2.309
FR1 n77	100M	BPSK	135	69	Back	0mm	Ant 2	DSI 6	Close	656000	3840	20.85	21.90	1.274			0.02	2.080	2.650
FR1 n77	100M	BPSK	270	0	Back	0mm	Ant 2	DSI 6	Close	656000	3840	20.82	21.90	1.282			0.18	1.840	2.359
FR1 n77	100M	BPSK	1	1	Bottom Side	0mm	Ant 2	DSI 6	Close	656000	3840	20.89	21.90	1.262			0.16	1.960	2.474
FR1 n77	100M	BPSK	135	69	Bottom Side	0mm	Ant 2	DSI 6	Close	656000	3840	20.85	21.90	1.274			0.13	1.930	2.459
FR1 n77	100M	BPSK	270	0	Bottom Side	0mm	Ant 2	DSI 6	Close	656000	3840	20.82	21.90	1.282			-0.17	1.890	2.423
FR1 n77 HPUE	100M	BPSK	135	69	Back	0mm	Ant 2	DSI 6	Close	656000	3840	23.85	24.90	1.274	50.0	1.0	-0.15	2.030	2.586
FR1 n77	100M	BPSK	1	1	Back	10mm	Ant 2	DSI 4	Close	656000	3840	22.87	24.00	1.297			-0.14	0.284	0.368
FR1 n77	100M	BPSK	135	69	Back	10mm	Ant 2	DSI 4	Close	656000	3840	22.84	24.00	1.306			-0.17	0.242	0.316
FR1 n77	100M	BPSK	1	1	Bottom Side	6mm	Ant 2	DSI 4	Close	656000	3840	22.87	24.00	1.297			0.01	0.557	0.722
FR1 n77	100M	BPSK	135	69	Bottom Side	6mm	Ant 2	DSI 4	Close	656000	3840	22.84	24.00	1.306			0.05	0.489	0.639
FR1 n77 HPUE	100M	BPSK	1	1	Bottom Side	6mm	Ant 2	DSI 4	Close	656000	3840	25.86	27.00	1.3	50.0	1.0	0.04	0.538	0.699
FR1 n77	100M	BPSK	1	1	Back Right	0mm	Ant 4	DSI 6	Close	656000	3840	21.43	22.30	1.222			0.02	1.140	1.393
FR1 n77	100M	BPSK	135	69	Back Right	0mm	Ant 4	DSI 6	Close	656000	3840	21.41	22.30	1.227			-0.12	0.978	1.200
FR1 n77	100M	BPSK	1	1	Back Right	6mm	Ant 4	DSI 4	Close	656000	3840	23.52	24.00	1.117			-0.12	0.347	0.388
FR1 n77	100M	BPSK	135	69	Back Right	6mm	Ant 4	DSI 4	Close	656000	3840	23.48	24.00	1.127			0.19	0.281	0.317
FR1 n77 HPUE	100M	BPSK	1	1	Back Right	0mm	Ant 4	DSI 6	Close	656000	3840	24.34	25.30	1.247	50.0	1.0	0.11	1.070	1.334
FR1 n77 HPUE	100M	BPSK	1	1	Back Right	6mm	Ant 4	DSI 4	Close	656000	3840	26.44	27.00	1.138	50.0	1.0	0.04	0.332	0.378
FR1 n77	100M	BPSK	1	1	Back Top	0mm	Ant 6	DSI 6	Close	656000	3840	21.78	22.60	1.208			-0.08	2.290	2.766
FR1 n77	100M	BPSK	135	69	Back Top	0mm	Ant 6	DSI 6	Close	656000	3840	21.76	22.60	1.213			-0.09	1.550	1.880
FR1 n77	100M	BPSK	270	0	Back Top	0mm	Ant 6	DSI 6	Close	656000	3840	21.67	22.60	1.239			-0.16	2.130	2.639
FR1 n77	100M	BPSK	1	1	Top Side	0mm	Ant 6	DSI 6	Close	656000	3840	21.78	22.60	1.208			-0.14	1.270	1.534
FR1 n77	100M	BPSK	135	69	Top Side	0mm	Ant 6	DSI 6	Close	656000	3840	21.76	22.60	1.213			0.12	0.997	1.209
FR1 n77	100M	BPSK	1	1	Back Top	4mm	Ant 6	DSI 4	Close	656000	3840	23.40	24.00	1.148			-0.16	0.584	0.670
FR1 n77	100M	BPSK	135	69	Back Top	4mm	Ant 6	DSI 4	Close	656000	3840	23.34	24.00	1.164			0.18	0.544	0.633
FR1 n77	100M	BPSK	1	1	Top Side	7mm	Ant 6	DSI 4	Close	656000	3840	23.40	24.00	1.148			0.09	0.205	0.235
FR1 n77	100M	BPSK	135	69	Top Side	7mm	Ant 6	DSI 4	Close	656000	3840	23.34	24.00	1.164			0.18	0.260	0.303
FR1 n77 HPUE	100M	BPSK	1	1	Back Top	0mm	Ant 6	DSI 6	Close	656000	3840	24.90	25.60	1.175	50.0	1.0	0.02	2.150	2.526
FR1 n77 HPUE	100M	BPSK	1	1	Back Top	4mm	Ant 6	DSI 4	Close	656000	3840	26.46	27.00	1.132	50.0	1.0	0.02	0.568	0.643
FR1 n77	100M	BPSK	1	1	Back Top	0mm	Ant 8	DSI 6	Close	656000	3840	18.83	19.90	1.279			-0.08	2.100	2.686
FR1 n77	100M	BPSK	135	69	Back Top	0mm	Ant 8	DSI 6	Close	656000	3840	18.81	19.90	1.285			0.01	2.190	2.814
FR1 n77	100M	BPSK	270	0	Back Top	0mm	Ant 8	DSI 6	Close	656000	3840	18.76	19.90	1.3			-0.07	2.400	3.120
FR1 n77	100M	BPSK	1	1	Top Side	0mm	Ant 8	DSI 6	Close	656000	3840	18.83	19.90	1.279			0.12	1.970	2.520
FR1 n77	100M	BPSK	135	69	Top Side	0mm	Ant 8	DSI 6	Close	656000	3840	18.81	19.90	1.285			0.15	1.980	2.544
FR1 n77	100M	BPSK	270	0	Top Side	0mm	Ant 8	DSI 6	Close	656000	3840	18.76	19.90	1.3			-0.17	1.890	2.457
FR1 n77 HPUE	100M	BPSK	270	0	Back Top	0mm	Ant 8	DSI 6	Close	656000	3840	21.70	22.90	1.318	50.0	1.0	0.03	2.280	3.005
FR1 n77	100M	BPSK	1	1	Back Top	4mm	Ant 8	DSI 4	Close	656000	3840	21.58	21.90	1.076			-0.06	1.150	1.237
FR1 n77	100M	BPSK	135	69	Back Top	4mm	Ant 8	DSI 4	Close	656000	3840	21.53	21.90	1.089			0.14	1.080	1.176
FR1 n77	100M	BPSK	1	1	Top Side	7mm	Ant 8	DSI 4	Close	656000	3840	21.58	21.90	1.076			0.17	0.706	0.760
FR1 n77	100M	BPSK	135	69	Top Side	7mm	Ant 8	DSI 4	Close	656000	3840	21.53	21.90	1.089			-0.08	0.623	0.678
FR1 n77 HPUE	100M	BPSK	1	1	Back Top	4mm	Ant 8	DSI 4	Close	656000	3840	24.61	24.90	1.069	50.0	1.0	0.02	1.010	1.080

MIMO SAR

Plot No	Band	BW	Modulation	RB Size	RB Offset	Test Position	Gap (mm)	Antenna	Power State	EUT Flip State	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-Up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 10g SAR (W/kg)	Reported 10g SAR (W/kg)
	FR1 n48	40M	BPSK	1	1	Back Top	0mm	Ant 8+4	DSI 6	Close	641666	3624.99	22.07	23.80	1.489	100	1.000	-0.14	1.430	2.129
	FR1 n48	40M	BPSK	1	1	Back Top	0mm	Ant 8+4	DSI 6	Close	638000	3570	22.03	23.80	1.503	100	1.000	0.11	1.460	2.194
	FR1 n48	40M	BPSK	1	1	Back Top	0mm	Ant 8+4	DSI 6	Close	645332	3679.98	22.01	23.80	1.510	100	1.000	0.09	1.800	2.718
	FR1 n48	40M	BPSK	50	28	Back Top	0mm	Ant 8+4	DSI 6	Close	641666	3624.99	22.03	23.80	1.503	100	1.000	0.11	1.540	2.315
	FR1 n48	40M	BPSK	50	28	Back Top	0mm	Ant 8+4	DSI 6	Close	638000	3570	21.95	23.80	1.531	100	1.000	-0.05	1.330	2.036
	FR1 n48	40M	BPSK	50	28	Back Top	0mm	Ant 8+4	DSI 6	Close	645332	3679.98	22.00	23.80	1.514	100	1.000	0.01	1.590	2.407
	FR1 n48	40M	BPSK	100	0	Back Top	0mm	Ant 8+4	DSI 6	Close	641666	3624.99	21.93	23.80	1.538	100	1.000	0.08	1.450	2.23
	FR1 n48	40M	BPSK	1	1	Top Side	0mm	Ant 8+4	DSI 6	Close	641666	3624.99	22.07	23.80	1.489	100	1.000	0.18	1.250	1.861
	FR1 n48	40M	BPSK	50	28	Top Side	0mm	Ant 8+4	DSI 6	Close	641666	3624.99	22.03	23.80	1.503	100	1.000	-0.08	1.320	1.984
	FR1 n48	40M	BPSK	1	1	Back Top	4mm	Ant 8+4	DSI 4	Close	641666	3624.99	23.19	24.00	1.205	100	1.000	-0.09	0.934	1.125
	FR1 n48	40M	BPSK	50	28	Back Top	4mm	Ant 8+4	DSI 4	Close	641666	3624.99	23.16	24.00	1.213	100	1.000	0.08	0.967	1.173
	FR1 n48	40M	BPSK	1	1	Top Side	7mm	Ant 8+4	DSI 4	Close	641666	3624.99	23.19	24.00	1.205	100	1.000	-0.04	0.442	0.539
	FR1 n48	40M	BPSK	50	28	Top Side	7mm	Ant 8+4	DSI 4	Close	641666	3624.99	23.16	24.00	1.213	100	1.000	-0.15	0.433	0.528
	FR1 n48	40M	BPSK	1	1	Back Top	0mm	Ant 8+6	DSI 6	Close	641666	3624.99	22.07	23.80	1.489	100	1.000	-0.09	1.610	2.397
	FR1 n48	40M	BPSK	1	1	Back Top	0mm	Ant 8+6	DSI 6	Close	638000	3570	22.03	23.80	1.503	100	1.000	0.04	1.800	2.705



FCC SAR Test Report

Report No. : FA5N1310

FR1 n48	40M	BPSK	1	1	Back Top	0mm	Ant 8+6	DSI 6	Close	645332	3679.98	22.01	23.80	1.510	100	1.000	-0.16	1.920	2.899
FR1 n48	40M	BPSK	50	28	Back Top	0mm	Ant 8+6	DSI 6	Close	641666	3624.99	22.03	23.80	1.503	100	1.000	-0.17	1.780	2.675
FR1 n48	40M	BPSK	50	28	Back Top	0mm	Ant 8+6	DSI 6	Close	638000	3570	21.95	23.80	1.531	100	1.000	0.05	1.570	2.404
FR1 n48	40M	BPSK	50	28	Back Top	0mm	Ant 8+6	DSI 6	Close	645332	3679.98	22.00	23.80	1.514	100	1.000	0.17	1.730	2.619
FR1 n48	40M	BPSK	100	0	Back Top	0mm	Ant 8+6	DSI 6	Close	641666	3624.99	21.93	23.80	1.538	100	1.000	-0.14	1.310	2.015
FR1 n48	40M	BPSK	1	1	Top Side	0mm	Ant 8+6	DSI 6	Close	641666	3624.99	22.07	23.80	1.489	100	1.000	0.08	1.530	2.278
FR1 n48	40M	BPSK	50	28	Top Side	0mm	Ant 8+6	DSI 6	Close	641666	3624.99	22.03	23.80	1.503	100	1.000	-0.01	1.420	2.134
FR1 n48	40M	BPSK	1	1	Back Top	4mm	Ant 8+6	DSI 4	Close	641666	3624.99	23.30	24.00	1.175	100	1.000	0.03	1.160	1.363
FR1 n48	40M	BPSK	50	28	Back Top	4mm	Ant 8+6	DSI 4	Close	641666	3624.99	23.27	24.00	1.183	100	1.000	0	1.120	1.325
FR1 n48	40M	BPSK	1	1	Top Side	7mm	Ant 8+6	DSI 4	Close	641666	3624.99	23.30	24.00	1.175	100	1.000	0.03	0.563	0.662
FR1 n48	40M	BPSK	50	28	Top Side	7mm	Ant 8+6	DSI 4	Close	641666	3624.99	23.27	24.00	1.183	100	1.000	-0.16	0.556	0.658
FR1 n77_HPUE	100M	BPSK	1	1	Back Top	0mm	Ant 8+4	DSI 6	Close	633332	3499.98	21.99	22.90	1.233	50	1.000	-0.07	1.270	1.566
FR1 n77_HPUE	100M	BPSK	135	69	Back Top	0mm	Ant 8+4	DSI 6	Close	633332	3499.98	21.96	22.90	1.242	50	1.000	0.14	1.510	1.875
FR1 n77_HPUE	100M	BPSK	270	0	Back Top	0mm	Ant 8+4	DSI 6	Close	633332	3499.98	21.93	22.90	1.250	50	1.000	-0.11	1.510	1.888
FR1 n77_HPUE	100M	BPSK	1	1	Top Side	0mm	Ant 8+4	DSI 6	Close	633332	3499.98	21.99	22.90	1.233	50	1.000	-0.13	1.080	1.332
FR1 n77_HPUE	100M	BPSK	135	69	Top Side	0mm	Ant 8+4	DSI 6	Close	633332	3499.98	21.96	22.90	1.242	50	1.000	0	1.150	1.428
FR1 n77_HPUE_PC1.5	100M	BPSK	1	1	Back Top	0mm	Ant 8+4	DSI 6	Close	633332	3499.98	24.83	25.90	1.279	25	1.000	0.15	1.500	1.919
FR1 n77_HPUE	100M	BPSK	1	1	Back Top	4mm	Ant 8+4	DSI 4	Close	633332	3499.98	24.54	24.90	1.086	50	1.000	0.01	1.350	1.466
FR1 n77_HPUE	100M	BPSK	135	69	Back Top	4mm	Ant 8+4	DSI 4	Close	633332	3499.98	24.50	24.90	1.096	50	1.000	0.04	1.180	1.293
FR1 n77_HPUE	100M	BPSK	1	1	Top Side	7mm	Ant 8+4	DSI 4	Close	633332	3499.98	24.54	24.90	1.086	50	1.000	0.07	0.792	0.86
FR1 n77_HPUE	100M	BPSK	135	69	Top Side	7mm	Ant 8+4	DSI 4	Close	633332	3499.98	24.50	24.90	1.096	50	1.000	-0.17	0.675	0.74
FR1 n77_HPUE_PC1.5	100M	BPSK	1	1	Back Top	4mm	Ant 8+4	DSI 4	Close	633332	3499.98	27.59	27.90	1.074	25	1.000	-0.01	1.250	1.343
FR1 n77_HPUE	100M	BPSK	1	1	Back Top	0mm	Ant 8+6	DSI 6	Close	633332	3499.98	21.99	22.90	1.233	50	1.000	0.15	1.270	1.566
FR1 n77_HPUE	100M	BPSK	135	69	Back Top	0mm	Ant 8+6	DSI 6	Close	633332	3499.98	21.96	22.90	1.242	50	1.000	-0.01	1.510	1.875
FR1 n77_HPUE	100M	BPSK	270	0	Back Top	0mm	Ant 8+6	DSI 6	Close	633332	3499.98	21.93	22.90	1.250	50	1.000	0.15	1.510	1.888
FR1 n77_HPUE	100M	BPSK	1	1	Top Side	0mm	Ant 8+6	DSI 6	Close	633332	3499.98	21.99	22.90	1.233	50	1.000	-0.17	1.080	1.332
FR1 n77_HPUE	100M	BPSK	135	69	Top Side	0mm	Ant 8+6	DSI 6	Close	633332	3499.98	21.96	22.90	1.242	50	1.000	0.17	1.150	1.428
FR1 n77_HPUE_PC1.5	100M	BPSK	1	1	Back Top	0mm	Ant 8+6	DSI 6	Close	633332	3499.98	24.83	25.90	1.279	25	1.000	-0.19	1.500	1.919
FR1 n77_HPUE	100M	BPSK	1	1	Back Top	4mm	Ant 8+6	DSI 4	Close	633332	3499.98	24.54	24.90	1.086	50	1.000	0.14	1.350	1.466
FR1 n77_HPUE	100M	BPSK	135	69	Back Top	4mm	Ant 8+6	DSI 4	Close	633332	3499.98	24.50	24.90	1.096	50	1.000	0.01	1.180	1.293
FR1 n77_HPUE	100M	BPSK	1	1	Top Side	7mm	Ant 8+6	DSI 4	Close	633332	3499.98	24.54	24.90	1.086	50	1.000	-0.06	0.792	0.86
FR1 n77_HPUE	100M	BPSK	135	69	Top Side	7mm	Ant 8+6	DSI 4	Close	633332	3499.98	24.50	24.90	1.096	50	1.000	0.13	0.675	0.74
FR1 n77_HPUE_PC1.5	100M	BPSK	1	1	Back Top	4mm	Ant 8+6	DSI 4	Close	633332	3499.98	27.59	27.90	1.074	25	1.000	-0.07	1.240	1.332
FR1 n77_HPUE	100M	BPSK	1	1	Back Top	0mm	Ant 8+4	DSI 6	Close	656000	3840	21.84	22.90	1.276	50	1.000	0.07	1.830	2.335
FR1 n77_HPUE	100M	BPSK	135	69	Back Top	0mm	Ant 8+4	DSI 6	Close	656000	3840	21.82	22.90	1.282	50	1.000	0.06	1.540	1.974
FR1 n77_HPUE	100M	BPSK	270	0	Back Top	0mm	Ant 8+4	DSI 6	Close	656000	3840	21.77	22.90	1.297	50	1.000	0.02	1.730	2.244
FR1 n77_HPUE	100M	BPSK	1	1	Top Side	0mm	Ant 8+4	DSI 6	Close	656000	3840	21.84	22.90	1.276	50	1.000	-0.1	1.380	1.761
FR1 n77_HPUE	100M	BPSK	135	69	Top Side	0mm	Ant 8+4	DSI 6	Close	656000	3840	21.82	22.90	1.282	50	1.000	0.02	1.190	1.526
FR1 n77_HPUE	100M	BPSK	270	0	Top Side	0mm	Ant 8+4	DSI 6	Close	656000	3840	21.77	22.90	1.297	50	1.000	0.11	1.250	1.621
FR1 n77_HPUE_PC1.5	100M	BPSK	135	69	Back Top	0mm	Ant 8+4	DSI 6	Close	656000	3840	24.90	25.90	1.259	25	1.000	-0.12	1.850	2.329
FR1 n77_HPUE	100M	BPSK	1	1	Back Top	4mm	Ant 8+4	DSI 4	Close	656000	3840	24.59	24.90	1.074	50	1.000	-0.16	0.907	0.974
FR1 n77_HPUE	100M	BPSK	135	69	Back Top	4mm	Ant 8+4	DSI 4	Close	656000	3840	24.54	24.90	1.086	50	1.000	-0.11	0.892	0.969
FR1 n77_HPUE	100M	BPSK	1	1	Top Side	7mm	Ant 8+4	DSI 4	Close	656000	3840	24.59	24.90	1.074	50	1.000	0.11	0.417	0.448
FR1 n77_HPUE	100M	BPSK	135	69	Top Side	7mm	Ant 8+4	DSI 4	Close	656000	3840	24.54	24.90	1.086	50	1.000	0.02	0.415	0.451
FR1 n77_HPUE_PC1.5	100M	BPSK	1	1	Back Top	4mm	Ant 8+4	DSI 4	Close	656000	3840	27.62	27.90	1.067	25	1.000	0.02	1.010	1.078
FR1 n77_HPUE	100M	BPSK	1	1	Back Top	0mm	Ant 8+6	DSI 6	Close	656000	3840	21.84	22.90	1.276	50	1.000	-0.02	1.930	2.463
FR1 n77_HPUE	100M	BPSK	135	69	Back Top	0mm	Ant 8+6	DSI 6	Close	656000	3840	21.82	22.90	1.282	50	1.000	-0.1	1.660	2.128
FR1 n77_HPUE	100M	BPSK	270	0	Back Top	0mm	Ant 8+6	DSI 6	Close	656000	3840	21.77	22.90	1.297	50	1.000	-0.17	1.990	2.581
FR1 n77_HPUE	100M	BPSK	1	1	Top Side	0mm	Ant 8+6	DSI 6	Close	656000	3840	21.84	22.90	1.276	50	1.000	-0.05	1.530	1.952
FR1 n77_HPUE	100M	BPSK	135	69	Top Side	0mm	Ant 8+6	DSI 6	Close	656000	3840	21.82	22.90	1.282	50	1.000	-0.02	1.430	1.833
FR1 n77_HPUE_PC1.5	100M	BPSK	270	0	Back Top	0mm	Ant 8+6	DSI 6	Close	656000	3840	24.71	25.90	1.315	25	1.000	0.05	1.790	2.354
FR1 n77_HPUE	100M	BPSK	1	1	Back Top	4mm	Ant 8+6	DSI 4	Close	656000	3840	24.59	24.90	1.074	50	1.000	-0.08	0.976	1.048
FR1 n77_HPUE	100M	BPSK	135	69	Back Top	4mm	Ant 8+6	DSI 4	Close	656000	3840	24.54	24.90	1.086	50	1.000	0.08	0.717	0.779
FR1 n77_HPUE	100M	BPSK	1	1	Top Side	7mm	Ant 8+6	DSI 4	Close	656000	3840	24.59	24.90	1.074	50	1.000	0.15	0.394	0.423
FR1 n77_HPUE	100M	BPSK	135	69	Top Side	7mm	Ant 8+6	DSI 4	Close	656000	3840	24.54	24.90	1.086	50	1.000	0.09	0.335	0.364
FR1 n77_HPUE_PC1.5	100M	BPSK	1	1	Back Top	4mm	Ant 8+6	DSI 4	Close	656000	3840	27.62	27.90	1.067	25	1.000	-0.03	0.810	0.864



UL CA SAR

Plot No	Band	BW	Modulation	RB Size	RB Offset	Test Position	Gap (mm)	Antenna	Power State	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-Up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 10g SAR (W/kg)	Reported 10g SAR (W/kg)
	LTE Band 7	20M	QPSK	1	99	Bottom Side	0mm	Ant 2	DSI 6	21100+21298	2535+2554.8	21.82	23.1	1.343	100	1.000	0.08	2.140	2.874
	LTE Band 7	20M	QPSK	1	99	Back	0mm	Ant 0	DSI 6	21100+21298	2535+2554.8	22.76	24	1.330	100	1.000	0.06	2.080	2.766
	LTE Band 2	20M	QPSK	1	99	Back Top	0mm	Ant 3	DSI 6	18900+19098	1880+1899.8	21.38	22.5	1.294	100	1.000	0.06	2.140	2.769
	LTE Band 2	20M	QPSK	1	99	Back	0mm	Ant 2	DSI 6	18700+18898	1860+1879.8	21.83	22.8	1.250	100	1.000	0.02	2.250	2.813
	LTE Band 2	20M	QPSK	1	99	Back Right	0mm	Ant 4	DSI 6	18900+19098	1880+1899.8	21.53	23	1.403	100	1.000	0.04	1.860	2.61
	LTE Band 2	20M	QPSK	1	99	Back	0mm	Ant 0	DSI 6	18900+19098	1880+1899.8	21.92	22.9	1.253	100	1.000	0.06	2.230	2.794
	LTE Band 5	10M	QPSK	1	49	Back	0mm	Ant 0	DSI 6	20476+20575	831.6+841.5	22.88	24	1.294	100	1.000	0.09	1.120	1.449
	LTE Band 66	20M	QPSK	1	0	Back Top	0mm	Ant 3	DSI 6	132572+132374	1770+1750.2	21.36	22.7	1.361	100	1.000	0.06	2.070	2.817
	LTE Band 66	20M	QPSK	1	99	Back	0mm	Ant 2	DSI 6	132072+132270	1720+1739.8	21.84	22.8	1.247	100	1.000	-0.14	2.240	2.793
	LTE Band 66	20M	QPSK	1	0	Back Right	0mm	Ant 4	DSI 6	132572+132374	1770+1750.2	21.63	23	1.371	100	1.000	0.03	1.860	2.55
	LTE Band 41	20M	QPSK	1	99	Top Side	0mm	Ant 3	DSI 6	40185+40383	2549.5+2569.3	22.25	23.9	1.462	62.9	1.006	0.02	1.940	2.853
	LTE Band 41_HPUE	20M	QPSK	1	99	Top Side	0mm	Ant 3	DSI 6	40185+40383	2549.5+2569.3	24.02	25.5	1.406	42.9	1.009	0.14	1.980	2.809
	LTE Band 41	20M	QPSK	1	99	Back	0mm	Ant 2	DSI 6	40185+40383	2549.5+2569.3	22.88	24	1.294	62.9	1.006	0.06	2.260	2.942
	LTE Band 41_HPUE	20M	QPSK	1	99	Back	0mm	Ant 2	DSI 6	40185+40383	2549.5+2569.3	24.77	25.6	1.211	42.9	1.009	0.19	2.210	2.7
	LTE Band 41	20M	QPSK	1	99	Back Right	0mm	Ant 4	DSI 6	41055+41253	2636.5+2656.3	21.75	23	1.334	62.9	1.006	0.02	1.850	2.483
	LTE Band 41_HPUE	20M	QPSK	1	99	Back Right	0mm	Ant 4	DSI 6	41055+41253	2636.5+2656.3	24.53	25.4	1.222	42.9	1.009	-0.03	2.290	2.824
	LTE Band 41	20M	QPSK	1	99	Right Side	0mm	Ant 0	DSI 6	40620+40818	2593+2612.8	22.84	24	1.306	62.9	1.006	-0.15	0.901	1.184
	LTE Band 41_HPUE	20M	QPSK	1	99	Back Right	0mm	Ant 0	DSI 6	40620+40818	2593+2612.8	25.64	27	1.368	42.9	1.009	0.01	1.020	1.408
	LTE Band 42	20M	QPSK	1	0	Back	0mm	Ant 2	DSI 6	42990+42792	3540+3520.2	20.7	22	1.349	62.9	1.006	0.02	2.040	2.768
	LTE Band 42	20M	QPSK	1	99	Back Right	0mm	Ant 4	DSI 6	42190+42388	3460+3479.8	23	24	1.259	62.9	1.006	0.04	2.190	2.774
	LTE Band 42	20M	QPSK	1	99	Back Top	0mm	Ant 6	DSI 6	42190+42388	3460+3479.8	21.92	23	1.282	62.9	1.006	0.06	2.140	2.76
	LTE Band 42	20M	QPSK	1	0	Back Top	0mm	Ant 8	DSI 6	42990+42792	3540+3520.2	21.58	22.6	1.265	62.9	1.006	0.08	2.110	2.685
	LTE Band 42	20M	QPSK	1	99	Back	0mm	Ant 2	DSI 6	43340+43538	3575+3594.8	20.48	22	1.419	62.9	1.006	0.01	1.960	2.798
	LTE Band 42	20M	QPSK	1	99	Top Side	0mm	Ant 6	DSI 6	43340+43538	3575+3594.8	21.92	23	1.282	62.9	1.006	0.02	1.320	1.702
	LTE Band 42	20M	QPSK	1	99	Back Top	0mm	Ant 8	DSI 6	43340+43538	3575+3594.8	21.62	22.6	1.253	62.9	1.006	0.14	2.250	2.836
	LTE Band 48	20M	QPSK	1	99	Back	0mm	Ant 2	DSI 6	55340+55538	3560+3579.8	20.43	22	1.435	62.9	1.006	0.02	1.940	2.801
	LTE Band 48	20M	QPSK	1	0	Back Top	0mm	Ant 6	DSI 6	56640+56442	3690+3670.2	21.73	23	1.340	62.9	1.006	0.05	1.550	2.089
	LTE Band 48	20M	QPSK	1	0	Top Side	0mm	Ant 8	DSI 6	56640+56442	3690+3670.2	21.82	23.1	1.343	62.9	1.006	0.09	2.060	2.783
	FR1 n41	100M	BPSK	144	129	Back Top	0mm	Ant 3	DSI 6	509598+528582	2547.99+2642.91	20.49	21.3	1.205	100	1.000	0.03	2.530	3.049
	FR1 n41	100M	BPSK	144	129	Back	0mm	Ant 2	DSI 6	509598+528582	2547.99+2642.91	20.94	21.8	1.219	100	1.000	-0.01	2.210	2.694
	FR1 n41	100M	BPSK	144	129	Back Right	0mm	Ant 4	DSI 6	509598+528582	2547.99+2642.91	21.83	23	1.309	100	1.000	-0.05	2.210	2.893
	FR1 n41	100M	BPSK	144	129	Bottom Side	0mm	Ant 0	DSI 6	509598+528582	2547.99+2642.91	22.89	24	1.291	100	1.000	0.07	1.650	2.13
	FR1 n77	100M	BPSK	162	108	Back	0mm	Ant 2	DSI 6	655008+659334	3825.12+3890.01	21.14	21.9	1.191	100	1.000	0.03	1.890	2.251
	FR1 n77	100M	BPSK	162	108	Back Right	0mm	Ant 4	DSI 6	655008+659334	3825.12+3890.01	21.44	22.3	1.219	100	1.000	-0.03	0.996	1.214
	FR1 n77_HPUE	100M	BPSK	162	108	Back Right	0mm	Ant 4	DSI 6	655008+659334	3825.12+3890.01	24.37	25.3	1.239	50	1.000	0.01	0.953	1.181
	FR1 n77	100M	BPSK	162	108	Back Top	0mm	Ant 6	DSI 6	655008+659334	3825.12+3890.01	21.61	22.6	1.256	100	1.000	0.04	2.110	2.65
	FR1 n77	100M	BPSK	162	108	Back Top	0mm	Ant 8	DSI 6	655008+659334	3825.12+3890.01	18.97	19.9	1.239	100	1.000	-0.02	2.250	2.788
	FR1 n77_HPUE	100M	BPSK	162	108	Back Top	0mm	Ant 8	DSI 6	655008+659334	3825.12+3890.01	22.1	22.9	1.202	50	1.000	0.01	2.110	2.536



【WLAN 2.4GHz_5GHz SAR】

Plot No	Band	Mode	Test Position	Gap (mm)	Antenna	Power State	EUT Flip State	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-Up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 10g SAR (W/kg)	Reported 10g SAR (W/kg)
169	WLAN2.4GHz	802.11b 1Mbps	Back Top	0mm	Ant 7+11(7)	DSI 6	Close	11	2462	20.77	22.50	1.489	97.05	1.03	0.03	1.410	2.162
	WLAN2.4GHz	802.11b 1Mbps	Back Top	0mm	Ant 7+11(7)	DSI 6	Close	1	2412	20.81	22.50	1.476	97.05	1.03	-0.17	1.110	1.688
	WLAN2.4GHz	802.11b 1Mbps	Back Top	0mm	Ant 7+11(7)	DSI 6	Close	6	2437	20.78	22.50	1.486	97.05	1.03	-0.11	1.240	1.898
	WLAN2.4GHz	802.11b 1Mbps	Back Left	0mm	Ant 7+11(7)	DSI 6	Close	11	2462	20.77	22.50	1.489	97.05	1.03	-0.05	1.320	2.024
	WLAN2.4GHz	802.11b 1Mbps	Back Left	0mm	Ant 7+11(7)	DSI 6	Close	1	2412	20.81	22.50	1.476	97.05	1.03	0.05	1.220	1.855
	WLAN2.4GHz	802.11b 1Mbps	Back Left	0mm	Ant 7+11(7)	DSI 6	Close	6	2437	20.78	22.50	1.486	97.05	1.03	-0.18	1.150	1.760
	WLAN2.4GHz	802.11b 1Mbps	Top Side	0mm	Ant 7+11(7)	DSI 6	Close	11	2462	20.77	22.50	1.489	97.05	1.03	-0.06	0.542	0.831
170	WLAN5GHz	802.11ac-VHT80 MCS0	Back Right	0mm	Ant 6+1(6)	DSI 6	Close	42	5210	13.35	15.3	1.567	100	1.000	-0.07	0.925	1.449
	WLAN5GHz	802.11ac-VHT160 MCS0	Front	0mm	Ant 6+1(6)	DSI 4	Close	50	5250	13.41	15.3	1.545	100	1.000	0.02	0.039	0.06
	WLAN5GHz	802.11ac-VHT160 MCS0	Back Top	0mm	Ant 6+1(6)	DSI 6	Close	50	5250	13.41	15.3	1.545	100	1.000	0.03	0.401	0.62
171	WLAN5GHz	802.11ac-VHT160 MCS0	Back Right	0mm	Ant 6+1(6)	DSI 6	Close	50	5250	13.41	15.3	1.545	100	1.000	0.05	0.705	1.089
	WLAN5GHz	802.11ac-VHT160 MCS0	Back 1	0mm	Ant 6+1(6)	DSI 6	Close	50	5250	13.41	15.3	1.545	100	1.000	0.06	0.151	0.233
	WLAN5GHz	802.11ac-VHT160 MCS0	Right Side	0mm	Ant 6+1(6)	DSI 4	Close	50	5250	13.41	15.3	1.545	100	1.000	0.01	0.389	0.601
	WLAN5GHz	802.11ac-VHT160 MCS0	Top Side	0mm	Ant 6+1(6)	DSI 6	Close	50	5250	13.41	15.3	1.545	100	1.000	0.03	0.321	0.496
	WLAN5GHz	802.11ac-VHT160 MCS0	Front	0mm	Ant 6+1(6)	DSI 4	Close	114	5570	16.79	18.3	1.416	100	1.000	0.02	0.081	0.115
	WLAN5GHz	802.11ac-VHT80 MCS0	Back Top	0mm	Ant 6+1(6)	DSI 6	Close	106	5530	19.72	21.50	1.507	100.0	1.0	-0.13	1.930	2.909
172	WLAN5GHz	802.11ac-VHT80 MCS0	Back Right	0mm	Ant 6+1(6)	DSI 6	Close	106	5530	19.72	21.50	1.507	100.0	1.0	-0.06	1.980	2.984
	WLAN5GHz	802.11ac-VHT80 MCS0	Back 1	0mm	Ant 6+1(6)	DSI 6	Close	106	5530	19.72	21.50	1.507	100.0	1.0	-0.02	0.547	0.824
	WLAN5GHz	802.11ac-VHT160 MCS0	Right Side	0mm	Ant 6+1(6)	DSI 4	Close	114	5570	16.79	18.3	1.416	100	1.000	0.02	0.525	0.743
	WLAN5GHz	802.11ac-VHT80 MCS0	Top Side	0mm	Ant 6+1(6)	DSI 6	Close	106	5530	19.72	21.50	1.507	100.0	1.0	-0.07	1.490	2.245
	WLAN5GHz	802.11ac-VHT80 MCS0	Back Top	0mm	Ant 6+1(1)	DSI 6	Close	138	5690	19.39	21.00	1.449	100.0	1.0	0.14	1.760	2.550
	WLAN5GHz	802.11ac-VHT80 MCS0	Back Right	0mm	Ant 6+1(1)	DSI 6	Close	138	5690	19.39	21.00	1.449	100.0	1.0	0.16	1.630	2.362
	WLAN5GHz	802.11ac-VHT80 MCS0	Top Side	0mm	Ant 6+1(1)	DSI 6	Close	138	5690	19.39	21.00	1.449	100.0	1.0	-0.14	1.270	1.840
	WLAN5GHz	802.11ac-VHT80 MCS0	Back Top	0mm	Ant 6+1(1)	DSI 6	Close	155	5775	20.30	22.00	1.479	100.0	1.0	0.07	1.650	2.440
173	WLAN5GHz	802.11ac-VHT80 MCS0	Back Right	0mm	Ant 6+1(1)	DSI 6	Close	155	5775	20.30	22.00	1.479	100.0	1.0	-0.06	1.950	2.884
	WLAN5GHz	802.11ac-VHT80 MCS0	Top Side	0mm	Ant 6+1(1)	DSI 6	Close	155	5775	20.30	22.00	1.479	100.0	1.0	0.04	1.860	2.751

Plot No	Band	Mode	Test Position	Gap (mm)	Antenna	Power State	EUT Flip State	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-Up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 10g SAR (W/kg)	Reported 10g SAR (W/kg)	Measured APD (W/m ²)
	WLAN6GHz	802.11ax-HE160 MCS0	Front	0mm	Ant 6+1(6)	DSI 4	Close	207	6985	17.2	19	1.514	100	1.000	0.03	0.082	0.124	1.360
	WLAN6GHz	802.11be-EHT320 MCS0	Back	0mm	Ant 6+1(6)	DSI 6	Close	31	6105	11.92	13.8	1.542	100	1.000	0.060	0.031	0.048	0.509
	WLAN6GHz	802.11be-EHT320 MCS0	Back Top	0mm	Ant 6+1(6)	DSI 6	Close	31	6105	11.92	13.8	1.542	100	1.000	-0.01	0.369	0.569	8.660
	WLAN6GHz	802.11be-EHT320 MCS0	Back Right	0mm	Ant 6+1(6)	DSI 6	Close	31	6105	11.92	13.8	1.542	100	1.000	0.04	0.251	0.387	4.150
	WLAN6GHz	802.11be-EHT320 MCS0	Back 1	0mm	Ant 6+1(6)	DSI 6	Close	31	6105	11.92	13.8	1.542	100	1.000	-0.05	0.134	0.207	2.220
	WLAN6GHz	802.11ax-HE160 MCS0	Left Side	0mm	Ant 6+1(6)	DSI 4	Close	207	6985	17.2	19	1.514	100	1.000	0.07	0.022	0.033	0.160
	WLAN6GHz	802.11ax-HE160 MCS0	Right Side	0mm	Ant 6+1(6)	DSI 4	Close	207	6985	17.2	19	1.514	100	1.000	0.05	0.147	0.223	2.430
	WLAN6GHz	802.11be-EHT320 MCS0	Top Side	0mm	Ant 6+1(6)	DSI 6	Close	31	6105	11.92	13.8	1.542	100	1.000	0.01	0.410	0.632	9.610
	WLAN6GHz	802.11be-EHT320 MCS0	Top Side	0mm	Ant 6+1(6)	DSI 6	Close	63	6265	12.24	13.8	1.432	100	1.000	-0.04	0.378	0.541	8.810
	WLAN6GHz	802.11be-EHT320 MCS0	Top Side	0mm	Ant 6+1(1)	DSI 6	Close	95	6425	11.94	13.8	1.535	100	1.000	-0.02	0.369	0.566	8.610
	WLAN6GHz	802.11be-EHT320 MCS0	Top Side	0mm	Ant 6+1(1)	DSI 6	Close	127	6585	12.09	14	1.552	100	1.000	0.03	0.418	0.649	9.760
174	WLAN6GHz	802.11be-EHT320 MCS0	Top Side	0mm	Ant 6+1(1)	DSI 6	Close	159	6745	11.35	13.3	1.567	100	1.000	0.04	0.447	0.7	10.400
	WLAN6GHz	802.11be-EHT320 MCS0	Top Side	0mm	Ant 6+1(6)	DSI 6	Close	191	6905	11.95	13.8	1.531	100	1.000	-0.01	0.410	0.628	9.540
	WLAN6GHz	802.11be-EHT320 MCS0	Front	0mm	Ant 6+1(1)	DSI 6	Close	127	6585	12.09	14	1.552	100	1.000	0.06	0.075	0.116	1.280
	WLAN6GHz	802.11be-EHT320 MCS0	Back	0mm	Ant 6+1(1)	DSI 6	Close	127	6585	12.09	14	1.552	100	1.000	0.01	0.028	0.043	0.489
	WLAN6GHz	802.11be-EHT320 MCS0	Back Top	0mm	Ant 6+1(1)	DSI 6	Close	127	6585	12.09	14	1.552	100	1.000	-0.02	0.351	0.545	8.190
	WLAN6GHz	802.11be-EHT320 MCS0	Back Right	0mm	Ant 6+1(1)	DSI 6	Close	127	6585	12.09	14	1.552	100	1.000	-0.05	0.244	0.379	3.950
	WLAN6GHz	802.11be-EHT320 MCS0	Back 1	0mm	Ant 6+1(1)	DSI 6	Close	127	6585	12.09	14	1.552	100	1.000	0.01	0.129	0.2	2.110
	WLAN6GHz	802.11be-EHT320 MCS0	Left Side	0mm	Ant 6+1(1)	DSI 6	Close	127	6585	12.09	14	1.552	100	1.000	0.02	0.023	0.036	0.156
	WLAN6GHz	802.11be-EHT320 MCS0	Right Side	0mm	Ant 6+1(1)	DSI 6	Close	127	6585	12.09	14	1.552	100	1.000	-0.05	0.141	0.219	2.310
	WLAN6GHz	802.11ax-HE160 MCS0	Back	4mm	Ant 6+1(6)	DSI 4	Close	207	6985	17.2	19	1.514	100	1.000	0.03	0.026	0.039	0.410
	WLAN6GHz	802.11ax-HE160 MCS0	Back Top	4mm	Ant 6+1(6)	DSI 4	Close	207	6985	17.2	19	1.514	100	1.000	0.06	0.341	0.516	7.930
	WLAN6GHz	802.11ax-HE160 MCS0	Back Right	4mm	Ant 6+1(6)	DSI 4	Close	207	6985	17.2	19	1.514	100	1.000	0.02	0.248	0.375	3.770
	WLAN6GHz	802.11ax-HE160 MCS0	Back 1	4mm	Ant 6+1(6)	DSI 4	Close	207	6985	17.2	19	1.514	100	1.000	-0.14	0.133	0.201	2.090
	WLAN6GHz	802.11ax-HE160 MCS0	Top Side	7mm	Ant 6+1(6)	DSI 4	Close	207	6985	17.2	19	1.514	100	1.000	-0.02	0.428	0.648	9.850



16.6 6GHz PD Test Result

WLAN PD

Band	Mode	Test Position	Gap (mm)	Antenna	Power State	Ch.	Freq. (MHz)	Average Power (dBm)	Grid Step (λ)	iPDn	iPD ratio (≥ -1)	Normal psPD (W/m ²)	Total psPD (W/m ²)
WLAN6GHz	802.11be-EHT320 MCS0	Top Side	2mm	Ant 6+1(6)	DSI 12	31	6105	7.21	0.0625	1.02	0.67	0.490	1.230
WLAN6GHz	802.11be-EHT320 MCS0	Top Side	10mm	Ant 6+1(6)	DSI 12	31	6105	7.21	0.15	0.875		0.412	0.781
WLAN6GHz	802.11be-EHT320 MCS0	Top Side	2mm	Ant 6+1(1)	DSI 12	191	6905	5.51	0.0625	0.651	0.99	0.196	0.510
WLAN6GHz	802.11be-EHT320 MCS0	Top Side	8.59mm	Ant 6+1(1)	DSI 12	191	6905	5.51	0.15	0.518		0.147	0.422

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	Grid Step (λ)	Scaling Factor for measurement uncertainty	Power Drift (dB)	Normal psPD(W/m ²)	Scaled Normal psPD(W/m ²)	Total psPD(W/m ²)	Scaled Total psPD(W/m ²)
open																				
	WLAN6GHz	802.11be-EHT320 MCS0	Top Side	2mm	Ant 6+1(6)	DSI 12	31	6105	7.21	9.00	1.510	100	1.000	0.0625	1.5535	0.07	0.490	1.15	1.230	2.89
	WLAN6GHz	802.11be-EHT320 MCS0	Top Side	2mm	Ant 6+1(6)	DSI 12	63	6265	7.25	9.00	1.496	100	1.000	0.0625	1.5535	0.03	0.468	1.09	1.120	2.60
	WLAN6GHz	802.11be-EHT320 MCS0	Top Side	2mm	Ant 6+1(1)	DSI 12	95	6425	6.93	8.50	1.435	100	1.000	0.0625	1.5535	0.03	0.357	0.86	0.962	2.15
	WLAN6GHz	802.11be-EHT320 MCS0	Top Side	2mm	Ant 6+1(1)	DSI 12	127	6585	6.95	8.50	1.429	100	1.000	0.0625	1.5535	-0.15	0.706	1.57	1.310	2.91
	WLAN6GHz	802.11be-EHT320 MCS0	Top Side	2mm	Ant 6+1(1)	DSI 12	159	6745	5.45	7.00	1.429	100	1.000	0.0625	1.5535	-0.01	0.641	1.42	0.856	1.90
	WLAN6GHz	802.11be-EHT320 MCS0	Top Side	2mm	Ant 6+1(1)	DSI 12	191	6905	5.51	7.00	1.409	100	1.000	0.0625	1.5535	0.02	0.196	0.43	0.510	1.12
close																				
	WLAN6GHz	802.11ax-HE160 MCS0	Front	2mm	Ant 6+1(6)	DSI 2	207	6985	17.20	19.00	1.514	100	1.000	0.0625	1.5535	0.09	1.090	2.56	1.940	4.56
	WLAN6GHz	802.11ax-HE160 MCS0	Front	2mm	Ant 6+1(6)	DSI 2	15	6025	14.91	16.50	1.442	100	1.000	0.0625	1.5535	-0.03	0.476	1.07	0.622	1.39
	WLAN6GHz	802.11ax-HE160 MCS0	Front	2mm	Ant 6+1(1)	DSI 2	47	6185	15.33	17.00	1.469	100	1.000	0.0625	1.5535	-0.01	0.192	0.44	0.199	0.45
	WLAN6GHz	802.11ax-HE160 MCS0	Front	2mm	Ant 6+1(1)	DSI 2	111	6505	15.46	17.00	1.426	100	1.000	0.0625	1.5535	0.01	0.543	1.20	0.654	1.45
	WLAN6GHz	802.11ax-HE160 MCS0	Front	2mm	Ant 6+1(6)	DSI 2	143	6665	15.53	17.00	1.403	100	1.000	0.0625	1.5535	0.12	1.560	3.40	2.220	4.84
	WLAN6GHz	802.11be-EHT320 MCS0	Top Side	2mm	Ant 6+1(6)	DSI 6	31	6105	11.92	13.80	1.542	100	1.000	0.0625	1.5535	0.12	1.490	3.57	2.400	5.75
	WLAN6GHz	802.11be-EHT320 MCS0	Top Side	2mm	Ant 6+1(6)	DSI 6	63	6265	12.24	13.80	1.432	100	1.000	0.0625	1.5535	0.09	1.640	3.65	2.130	4.74
01	WLAN6GHz	802.11be-EHT320 MCS0	Top Side	2mm	Ant 6+1(1)	DSI 6	95	6425	11.94	13.80	1.535	100	1.000	0.0625	1.5535	-0.17	1.590	3.79	2.630	6.27
	WLAN6GHz	802.11be-EHT320 MCS0	Top Side	2mm	Ant 6+1(1)	DSI 6	127	6585	12.09	14.00	1.552	100	1.000	0.0625	1.5535	0.02	1.240	2.99	1.450	3.50
	WLAN6GHz	802.11be-EHT320 MCS0	Top Side	2mm	Ant 6+1(1)	DSI 6	159	6745	11.35	13.30	1.567	100	1.000	0.0625	1.5535	0.05	1.290	3.14	1.380	3.36
	WLAN6GHz	802.11be-EHT320 MCS0	Top Side	2mm	Ant 6+1(6)	DSI 6	191	6905	11.95	13.80	1.531	100	1.000	0.0625	1.5535	0.06	1.060	2.52	1.260	3.00



16.7 Repeated SAR Measurement

1g

No.	Band	Mode	Test Position	Gap (mm)	Antenna	Power State	Ch.	Freq. (MHz)	Average Power (dBm)	Tune-Up Limit (dBm)	Tune-Up Scaling Factor	Duty Cycle %	Duty Cycle Scaling Factor	Power Drift (dB)	Measured 1g SAR (W/kg)	Reported 1g SAR (W/kg)	Ratio
1st	LTE Band 14	10M_QPSK_1_0	Back Right	5.0	Ant 1	DSI 7	23330	793	23.46	24.00	1.132			0.08	1.040	1.177	-
2nd	LTE Band 14	10M_QPSK_1_0	Back Right	5.0	Ant 1	DSI 7	23330	793	23.46	24.00	1.132			0.01	0.953	1.079	1.09
1st	WCDMA V	RMC 12.2Kbps	Back	5.0	Ant 0	DSI 7	4132	826.4	23.33	24.00	1.167			0.02	1.070	1.249	-
2nd	WCDMA V	RMC 12.2Kbps	Back	5.0	Ant 0	DSI 7	4132	826.4	23.33	24.00	1.167			0.06	1.010	1.179	1.06
1st	FR1 n70	15M_BPSK_75_0	Bottom Side	5.0	Ant 2	DSI 7	340500	1702.5	20.61	20.70	1.021			-0.03	1.200	1.225	-
2nd	FR1 n70	15M_BPSK_75_0	Bottom Side	5.0	Ant 2	DSI 7	340500	1702.5	20.61	20.70	1.021			0.05	1.130	1.154	1.06
1st	WCDMA II	RMC 12.2Kbps	Left Tilted	0.0	Ant 3	DSI 2	9400	1880	21.06	21.80	1.186			-0.08	1.080	1.281	-
2nd	WCDMA II	RMC 12.2Kbps	Left Tilted	0.0	Ant 3	DSI 2	9400	1880	21.06	21.80	1.186			0.02	1.040	1.233	1.04
1st	LTE Band 30	10M_QPSK_1_0	Back Top	5.0	Ant 3	DSI 3	27710	2310	19.96	20.60	1.159			0.18	1.100	1.275	-
2nd	LTE Band 30	10M_QPSK_1_0	Back Top	5.0	Ant 3	DSI 3	27710	2310	19.96	20.60	1.159			0.06	1.050	1.217	1.05
1st	WLAN2.4GHz	802.11b 1Mbps	Back Top	5.0	Ant 7+11(7)	DSI 7	11	2462	19.79	21.50	1.483	97.05	1.03	-0.01	0.892	1.363	-
2nd	WLAN2.4GHz	802.11b 1Mbps	Back Top	5.0	Ant 7+11(7)	DSI 7	11	2462	19.79	21.50	1.483	97.05	1.03	0.05	0.878	1.341	1.02
1st	LTE Band 7	20M_QPSK_1_0	Left Tilted	0.0	Ant 3	DSI 2	21350	2560	14.77	15.40	1.156			-0.08	1.120	1.295	-
2nd	LTE Band 7	20M_QPSK_1_0	Left Tilted	0.0	Ant 3	DSI 2	21350	2560	14.77	15.40	1.156			0.02	1.090	1.260	1.03
1st	FR1 n48	40M_BPSK_1_1	Bottom Side	5.0	Ant 2	DSI 7	641666	3624.99	18.77	19.40	1.156			0.04	1.100	1.272	-
2nd	FR1 n48	40M_BPSK_1_1	Bottom Side	5.0	Ant 2	DSI 7	641666	3624.99	18.77	19.40	1.156			0.06	1.030	1.191	1.07
1st	LTE Band 14	10M_QPSK_1_0	Back Right	0.0	Ant 1	DSI 4	23330	793	20.63	21.6	1.25			0.16	1.01	1.263	-
2nd	LTE Band 14	10M_QPSK_1_0	Back Right	0.0	Ant 1	DSI 4	23330	793	20.63	21.6	1.25			0.01	0.901	1.126	1.12
1st	WCDMA V	RMC 12.2Kbps	Back	0.0	Ant 0	DSI 12	4182	836.4	21.93	22.8	1.222			0.09	1.01	1.234	-
2nd	WCDMA V	RMC 12.2Kbps	Back	0.0	Ant 0	DSI 12	4182	836.4	21.93	22.8	1.222			0.05	0.968	1.213	1.04
1st	FR1 n66	45M_BPSK_1_1	Back	0.0	Ant 2	DSI 12	349000	1745	14.15	15.1	1.245			0.01	1.03	1.282	-
2nd	FR1 n66	45M_BPSK_1_1	Back	0.0	Ant 2	DSI 12	349000	1745	14.15	15.1	1.245			0.03	0.902	1.123	1.14
1st	LTE Band 25	20M_QPSK_1_0	Back Top	0.0	Ant 3	DSI 12	26140	1860	13.71	14.8	1.285			0.01	1.01	1.298	-
2nd	LTE Band 25	20M_QPSK_1_0	Back Top	0.0	Ant 3	DSI 12	26140	1860	13.71	14.8	1.285			0.03	0.986	1.267	1.02
1st	LTE Band 30	10M_QPSK_25_0	Back	0.0	Ant 0	DSI 12	27710	2310	16.41	17.4	1.256			0.09	1.03	1.294	-
2nd	LTE Band 30	10M_QPSK_25_0	Back	0.0	Ant 0	DSI 12	27710	2310	16.41	17.4	1.256			0.02	0.981	1.232	1.05
1st	LTE Band 7	20M_QPSK_1_0	Bottom Side	0.0	Ant 0	DSI 12	21100	2535	13.98	14.9	1.236			-0.18	1.04	1.285	-
2nd	LTE Band 7	20M_QPSK_1_0	Bottom Side	0.0	Ant 0	DSI 12	21100	2535	13.98	14.9	1.236			0.02	0.935	1.156	1.11
1st	FR1 n77	100M_BPSK_1_1	Back Right	0.0	Ant 4	DSI 12	633332	3499.98	11.87	12.8	1.239			-0.09	1.03	1.276	-
2nd	FR1 n77	100M_BPSK_1_1	Back Right	0.0	Ant 4	DSI 12	633332	3499.98	11.87	12.8	1.239			0.02	0.923	1.144	1.12
1st	FR1 n48	40M_BPSK_50_28	Back Top	0.0	Ant 8	DSI 12	641666	3624.99	10.19	11.2	1.262			0.01	1.02	1.287	-
2nd	FR1 n48	40M_BPSK_50_28	Back Top	0.0	Ant 8	DSI 12	641666	3624.99	10.19	11.2	1.262			0.02	0.905	1.142	1.13
1st	FR1 n77_HPUE	100M_BPSK_1_1	Back Top	0.0	Ant 6	DSI 12	656000	3840	15.01	15.6	1.146			-0.09	1	1.146	-
2nd	FR1 n77_HPUE	100M_BPSK_1_1	Back Top	0.0	Ant 6	DSI 12	656000	3840	15.01	15.6	1.146			0.03	0.905	1.037	1.1
1st	Bluetooth	1Mbps	Top Side	0.0	Ant 7	DSI 12	39	2441	15.26	15.9	1.159			0.09	1.09	1.367	-
2nd	Bluetooth	1Mbps	Top Side	0.0	Ant 7	DSI 12	39	2441	15.26	15.9	1.159			0.04	0.925	1.16	1.18

10g

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)	Ratio
1st	LTE Band 66	20M_QPSK_1_0	Back	0.0	Ant 2	DSI 6	132072	1720	21.88	22.80	1.236			-0.07	2.550	3.152	-
2nd	LTE Band 66	20M_QPSK_1_0	Back	0.0	Ant 2	DSI 6	132072	1720	21.88	22.80	1.236			0.05	2.430	3.003	1.05
1st	LTE Band 25	20M_QPSK_1_0	Back	0.0	Ant 2	DSI 6	26140	1860	21.95	22.80	1.216			0.14	2.590	3.149	-
2nd	LTE Band 25	20M_QPSK_1_0	Back	0.0	Ant 2	DSI 6	26140	1860	21.95	22.80	1.216			0.11	2.490	3.028	1.04
1st	LTE Band 30	10M_QPSK_1_0	Top Side	0.0	Ant 3	DSI 6	27710	2310	22.95	23.80	1.216			-0.03	2.590	3.149	-
2nd	LTE Band 30	10M_QPSK_1_0	Top Side	0.0	Ant 3	DSI 6	27710	2310	22.95	23.80	1.216			0.06	2.450	2.979	1.06
1st	FR1 n41	100M_BPSK_1_1	Back Top	0.0	Ant 3	DSI 6	518598	2592.99	20.57	21.30	1.183			-0.07	2.660	3.147	-
2nd	FR1 n41	100M_BPSK_1_1	Back Top	0.0	Ant 3	DSI 6	518598	2592.99	20.57	21.30	1.183			0.14	2.610	3.088	1.02
1st	FR1 n48	40M_BPSK_1_1	Back	0.0	Ant 2	DSI 6	641666	3624.99	21.71	22.50	1.199			0.09	2.650	3.177	-
2nd	FR1 n48	40M_BPSK_1_1	Back	0.0	Ant 2	DSI 6	641666	3624.99	21.71	22.50	1.199			0.04	2.480	2.974	1.07

General Note:

1. Per KDB 865664 D01v01r04, for each frequency band, repeated SAR measurement is required only when the measured SAR is ≥ 0.8 W/kg.
2. Per KDB 865664 D01v01r04, if the ratio among the repeated measurement is ≤ 1.2 and the measured SAR 1.45W/kg, only one repeated measurement is required.
3. Per KDB 865664 D01v01r04, if the extremity repeated SAR is necessary, the same procedures should be adapted for measurements according to extremity and occupational exposure limits by applying a factor of 2.5 for extremity exposure and a factor of 5 for occupational exposure to the corresponding SAR thresholds.
4. The ratio is the difference in percentage between original and repeated *measured* SAR.
5. All measurement SAR result is scaled-up to account for tune-up tolerance and is compliant.

16.8 TDD LTE/FR1 Linearity Data Analysis

General Note:

This device support Power Class 2 and Power Class 3 operations for LTE Band 41 and FR1 n41/n77. The highest available duty cycle for Power Class 2 operation is 43.3% using UL-DL configuration 1. Per FCC Guidance based on the device behavior, all SAR tests were performed using Power Class 3. Power Class 2 is tested using the highest SAR test configuration in Power Class 3 for each LTE configuration and exposure condition combination, according to the highest time averaged power for all applicable uplink-downlink configurations in Power Class 2. When the reported SAR vs. output power is linearly scaled with < 10% discrepancy between power classes and all reported SAR are < 1.4 W/kg for 1g and < 3.5 W/kg for 10g, Separate SAR testing for Power Class 2 is not required.

For Open

body		
LTE Band 41_Ant 3	Power Class 3	Power Class 2
Max Tune Up Power (dBm)	15.0	16.6
Reported 1g SAR (W/kg)	1.294	1.208
Duty Cycle (%)	63.30%	43.30%
Frame Averaged (m/W)	20.02	19.79
Linearity SAR(W/kg)	1.28	
% deviation from Expected Linearity		-5.56%

LTE Band 41_Ant 2	Power Class 3	Power Class 2
Max Tune Up Power (dBm)	15.7	17.3
Reported 1g SAR (W/kg)	1.294	1.216
Duty Cycle (%)	63.30%	43.30%
Frame Averaged (m/W)	23.52	23.25
Linearity SAR(W/kg)	1.28	
% deviation from Expected Linearity		-4.94%

LTE Band 41_Ant 4	Power Class 3	Power Class 2
Max Tune Up Power (dBm)	16.3	17.9
Reported 1g SAR (W/kg)	1.294	1.256
Duty Cycle (%)	63.30%	43.30%
Frame Averaged (m/W)	27.00	26.70
Linearity SAR(W/kg)	1.28	
% deviation from Expected Linearity		-1.85%

LTE Band 41_Ant 0	Power Class 3	Power Class 2
Max Tune Up Power (dBm)	16.2	17.8
Reported 1g SAR (W/kg)	1.285	1.226
Duty Cycle (%)	63.30%	43.30%
Frame Averaged (m/W)	26.39	26.09
Linearity SAR(W/kg)	1.27	
% deviation from Expected Linearity		-3.49%

body		
FR1 n41_Ant 3	Power Class 3	Power Class 2
Max Tune Up Power (dBm)	13.6	16.6
Reported 1g SAR (W/kg)	1.284	1.267
Duty Cycle (%)	100.00%	50.00%
Frame Averaged (m/W)	22.91	22.85
Linearity SAR(W/kg)	1.28	
% deviation from Expected Linearity		-1.06%

FR1 n41_Ant 2	Power Class 3	Power Class 2
Max Tune Up Power (dBm)	12.8	15.8
Reported 1g SAR (W/kg)	1.288	1.274



FCC SAR Test Report

Report No. : FA5N1310

Duty Cycle (%)	100.00%	50.00%
Frame Averaged (m/W)	19.05	19.01
Linearity SAR(W/kg)	1.29	
% deviation from Expected Linearity		-0.88%

FR1 n41_Ant 4	Power Class 3	Power Class 2
Max Tune Up Power (dBm)	15.0	18.0
Reported 1g SAR (W/kg)	1.291	1.254
Duty Cycle (%)	100.00%	50.00%
Frame Averaged (m/W)	31.62	31.55
Linearity SAR(W/kg)	1.29	
% deviation from Expected Linearity		-2.65%

FR1 n41_Ant 0	Power Class 3	Power Class 2
Max Tune Up Power (dBm)	20.4	23.4
Reported 1g SAR (W/kg)	1.275	1.247
Duty Cycle (%)	100.00%	50.00%
Frame Averaged (m/W)	109.65	109.39
Linearity SAR(W/kg)	1.27	
% deviation from Expected Linearity		-1.96%

FR1 n77 (27Q)_Ant 2	Power Class 3	Power Class 2
Max Tune Up Power (dBm)	24.0	27.0
Reported 1g SAR (W/kg)	1.063	1.035
Duty Cycle (%)	100.00%	50.00%
Frame Averaged (m/W)	251.19	250.59
Linearity SAR(W/kg)	1.06	
% deviation from Expected Linearity		-2.40%

FR1 n77 (27Q)_Ant 4	Power Class 3	Power Class 2
Max Tune Up Power (dBm)	12.8	15.8
Reported 1g SAR (W/kg)	1.276	1.193
Duty Cycle (%)	100.00%	50.00%
Frame Averaged (m/W)	19.05	19.01
Linearity SAR(W/kg)	1.27	
% deviation from Expected Linearity		-6.31%

FR1 n77 (27Q)_Ant 6	Power Class 3	Power Class 2
Max Tune Up Power (dBm)	12.6	15.6
Reported 1g SAR (W/kg)	1.016	1.052
Duty Cycle (%)	100.00%	50.00%
Frame Averaged (m/W)	18.20	18.15
Linearity SAR(W/kg)	1.01	
% deviation from Expected Linearity		3.83%

FR1 n77 (27Q)_Ant 8	Power Class 3	Power Class 2
Max Tune Up Power (dBm)	10.0	13.0
Reported 1g SAR (W/kg)	0.898	0.894
Duty Cycle (%)	100.00%	50.00%
Frame Averaged (m/W)	10.00	9.98
Linearity SAR(W/kg)	0.90	
% deviation from Expected Linearity		-0.25%

FR1 n77 (27Q)_Ant 2	Power Class 3	Power Class 2
Max Tune Up Power (dBm)	11.4	14.4
Reported 1g SAR (W/kg)	1.222	1.153



FCC SAR Test Report

Report No. : FA5N1310

Duty Cycle (%)	100.00%	50.00%
Frame Averaged (m/W)	13.80	13.77
Linearity SAR(W/kg)	1.22	
% deviation from Expected Linearity		-5.44%

FR1 n77 (270)_Ant 4	Power Class 3	Power Class 2
Max Tune Up Power (dBm)	12.8	15.8
Reported 1g SAR (W/kg)	0.684	0.643
Duty Cycle (%)	100.00%	50.00%
Frame Averaged (m/W)	19.05	19.01
Linearity SAR(W/kg)	0.68	
% deviation from Expected Linearity		-5.80%

FR1 n77 (270)_Ant 6	Power Class 3	Power Class 2
Max Tune Up Power (dBm)	12.6	15.6
Reported 1g SAR (W/kg)	1.140	1.146
Duty Cycle (%)	100.00%	50.00%
Frame Averaged (m/W)	18.20	18.15
Linearity SAR(W/kg)	1.14	
% deviation from Expected Linearity		0.80%

FR1 n77 (270)_Ant 8	Power Class 3	Power Class 2
Max Tune Up Power (dBm)	10.0	13.0
Reported 1g SAR (W/kg)	1.144	1.122
Duty Cycle (%)	100.00%	50.00%
Frame Averaged (m/W)	10.00	9.98
Linearity SAR(W/kg)	1.14	
% deviation from Expected Linearity		-1.73%

For Close

LTE Band 41(HPUE) Ant 3-Linearity Data for Head			LTE Band 41(HPUE) Ant 2-Linearity Data for Head		
	LTE Band 41 (Power Class 3)	LTE Band 41 (Power Class 2)		LTE Band 41 (Power Class 3)	LTE Band 41 (Power Class 2)
Maximum Tune up Power (dBm)	18.50	20.10	Maximum Tune up Power (dBm)	24.00	27.00
Reported 1g SAR (W/kg)	1.282	1.205	Reported 1g SAR (W/kg)	0.074	0.101
Duty Cycle	63.30%	43.30%	Duty Cycle	63.30%	43.30%
Frame Averaged (mW)	44.81	44.31	Frame Averaged (mW)	159.00	217.01
Linearity SAR (W/kg)	1.268		Linearity SAR (W/kg)	0.101	
% deviation from expected linearity		-4.94%	% deviation from expected linearity		0.00%
LTE Band 41(HPUE) Ant 3-Linearity Data for Hotspot			LTE Band 41(HPUE) Ant 2-Linearity Data for Hotspot		
	LTE Band 41 (Power Class 3)	LTE Band 41 (Power Class 2)		LTE Band 41 (Power Class 3)	LTE Band 41 (Power Class 2)
Maximum Tune up Power (dBm)	18.60	20.20	Maximum Tune up Power (dBm)	22.00	23.60
Reported 1g SAR (W/kg)	1.262	1.273	Reported 1g SAR (W/kg)	1.292	1.284
Duty Cycle	63.30%	43.30%	Duty Cycle	63.30%	43.30%
Frame Averaged (mW)	45.86	45.34	Frame Averaged (mW)	100.32	99.19
Linearity SAR (W/kg)	1.248		Linearity SAR (W/kg)	1.277	
% deviation from expected linearity		2.02%	% deviation from expected linearity		0.51%
LTE Band 41(HPUE) Ant 3-Linearity Data for Body-worn			LTE Band 41(HPUE) Ant 2-Linearity Data for Body-worn		
	LTE Band 41 (Power Class 3)	LTE Band 41 (Power Class 2)		LTE Band 41 (Power Class 3)	LTE Band 41 (Power Class 2)
Maximum Tune up Power (dBm)	19.20	20.80	Maximum Tune up Power (dBm)	22.40	24.00
Reported 1g SAR (W/kg)	1.294	1.168	Reported 1g SAR (W/kg)	1.265	1.278



FCC SAR Test Report

Report No. : FA5N1310

Duty Cycle	63.30%	43.30%	Duty Cycle	63.30%	43.30%
Frame Averaged (mW)	52.65	52.06	Frame Averaged (mW)	110.00	108.76
Linearity SAR (W/kg)	1.279		Linearity SAR (W/kg)	1.251	
% deviation from expected linearity		-8.71%	% deviation from expected linearity		2.18%
LTE Band 41(HPUE) Ant 3-Linearity Data for Extremity			LTE Band 41(HPUE) Ant 2-Linearity Data for Extremity		
	LTE Band 41 (Power Class 3)	LTE Band 41 (Power Class 2)		LTE Band 41 (Power Class 3)	LTE Band 41 (Power Class 2)
Maximum Tune up Power (dBm)	23.90	25.50	Maximum Tune up Power (dBm)	24.00	25.60
Reported 10g SAR (W/kg)	3.223	3.035	Reported 10g SAR (W/kg)	3.197	2.941
Duty Cycle	63.30%	43.30%	Duty Cycle	63.30%	43.30%
Frame Averaged (mW)	155.38	153.63	Frame Averaged (mW)	159.00	157.21
Linearity SAR (W/kg)	3.187		Linearity SAR (W/kg)	3.161	
% deviation from expected linearity		-4.76%	% deviation from expected linearity		-6.96%

LTE Band 41(HPUE) Ant 4-Linearity Data for Head			LTE Band 41(HPUE) Ant 0-Linearity Data for Head		
	LTE Band 41 (Power Class 3)	LTE Band 41 (Power Class 2)		LTE Band 41 (Power Class 3)	LTE Band 41 (Power Class 2)
Maximum Tune up Power (dBm)	23.00	26.00	Maximum Tune up Power (dBm)	24.00	27.00
Reported 1g SAR (W/kg)	0.276	0.392	Reported 1g SAR (W/kg)	0.084	0.112
Duty Cycle	63.30%	43.30%	Duty Cycle	63.30%	43.30%
Frame Averaged (mW)	126.30	172.38	Frame Averaged (mW)	159.00	217.01
Linearity SAR (W/kg)	0.377		Linearity SAR (W/kg)	0.115	
% deviation from expected linearity		4.06%	% deviation from expected linearity		-2.31%
LTE Band 41(HPUE) Ant 4-Linearity Data for Hotspot			LTE Band 41(HPUE) Ant 0-Linearity Data for Hotspot		
	LTE Band 41 (Power Class 3)	LTE Band 41 (Power Class 2)		LTE Band 41 (Power Class 3)	LTE Band 41 (Power Class 2)
Maximum Tune up Power (dBm)	22.70	24.30	Maximum Tune up Power (dBm)	23.60	25.20
Reported 1g SAR (W/kg)	1.236	1.292	Reported 1g SAR (W/kg)	1.294	1.233
Duty Cycle	63.30%	43.30%	Duty Cycle	63.30%	43.30%
Frame Averaged (mW)	117.87	116.54	Frame Averaged (mW)	145.01	143.38
Linearity SAR (W/kg)	1.222		Linearity SAR (W/kg)	1.279	
% deviation from expected linearity		5.72%	% deviation from expected linearity		-3.63%
LTE Band 41(HPUE) Ant 4-Linearity Data for Body-worn			LTE Band 41(HPUE) Ant 0-Linearity Data for Body-worn		
	LTE Band 41 (Power Class 3)	LTE Band 41 (Power Class 2)		LTE Band 41 (Power Class 3)	LTE Band 41 (Power Class 2)
Maximum Tune up Power (dBm)	22.90	24.50	Maximum Tune up Power (dBm)	23.90	25.50
Reported 1g SAR (W/kg)	1.295	1.209	Reported 1g SAR (W/kg)	1.251	1.288
Duty Cycle	63.30%	43.30%	Duty Cycle	63.30%	43.30%
Frame Averaged (mW)	123.43	122.04	Frame Averaged (mW)	155.38	153.63
Linearity SAR (W/kg)	1.280		Linearity SAR (W/kg)	1.237	
% deviation from expected linearity		-5.58%	% deviation from expected linearity		4.13%
LTE Band 41(HPUE) Ant 4-Linearity Data for Extremity			LTE Band 41(HPUE) Ant 0-Linearity Data for Extremity		
	LTE Band 41 (Power Class 3)	LTE Band 41 (Power Class 2)		LTE Band 41 (Power Class 3)	LTE Band 41 (Power Class 2)
Maximum Tune up Power (dBm)	23.00	25.40	Maximum Tune up Power (dBm)	24.00	27.00
Reported 10g SAR (W/kg)	2.675	2.906	Reported 10g SAR (W/kg)	1.209	1.565
Duty Cycle	63.30%	43.30%	Duty Cycle	63.30%	43.30%
Frame Averaged (mW)	126.30	150.14	Frame Averaged (mW)	159.00	217.01
Linearity SAR (W/kg)	3.180		Linearity SAR (W/kg)	1.650	
% deviation from expected linearity		-8.61%	% deviation from expected linearity		-5.16%



FR1 n41(HPUE) Ant 3-Linearity Data for Head			FR1 n41(HPUE) Ant 2-Linearity Data for Head		
	FR1 n41 (Power Class 3)	FR1 n41 (Power Class 2)		FR1 n41 (Power Class 3)	FR1 n41 (Power Class 2)
Maximum Tune up Power (dBm)	16.40	19.40	Maximum Tune up Power (dBm)	24.00	27.00
Reported 1g SAR (W/kg)	1.271	1.236	Reported 1g SAR (W/kg)	0.094	0.100
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	43.65	43.55	Frame Averaged (mW)	251.19	250.59
Linearity SAR (W/kg)	1.268		Linearity SAR (W/kg)	0.094	
% deviation from expected linearity		-2.52%	% deviation from expected linearity		6.64%
FR1 n41(HPUE) Ant 3-Linearity Data for Hotspot			FR1 n41(HPUE) Ant 2-Linearity Data for Hotspot		
	FR1 n41 (Power Class 3)	FR1 n41 (Power Class 2)		FR1 n41 (Power Class 3)	FR1 n41 (Power Class 2)
Maximum Tune up Power (dBm)	16.70	19.70	Maximum Tune up Power (dBm)	20.00	23.00
Reported 1g SAR (W/kg)	1.288	1.278	Reported 1g SAR (W/kg)	1.284	1.219
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	46.77	46.66	Frame Averaged (mW)	100.00	99.76
Linearity SAR (W/kg)	1.285		Linearity SAR (W/kg)	1.281	
% deviation from expected linearity		-0.54%	% deviation from expected linearity		-4.84%
FR1 n41(HPUE) Ant 3-Linearity Data for Body-worn			FR1 n41(HPUE) Ant 2-Linearity Data for Body-worn		
	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)	19.80	22.80
Reported 1g SAR (W/kg)	1.274	1.270	Reported 1g SAR (W/kg)	1.225	1.278
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	56.23	56.10	Frame Averaged (mW)	95.50	95.27
Linearity SAR (W/kg)	1.271		Linearity SAR (W/kg)	1.222	
% deviation from expected linearity		-0.08%	% deviation from expected linearity		4.57%
FR1 n41(HPUE) Ant 3-Linearity Data for Extremity			FR1 n41(HPUE) Ant 2-Linearity Data for Extremity		
	FR1 n41 (Power Class 3)	FR1 n41 (Power Class 2)		FR1 n41 (Power Class 3)	FR1 n41 (Power Class 2)
Maximum Tune up Power (dBm)	21.30	24.30	Maximum Tune up Power (dBm)	21.80	24.80
Reported 10g SAR (W/kg)	3.147	3.109	Reported 10g SAR (W/kg)	3.140	2.967
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	134.90	134.58	Frame Averaged (mW)	151.36	151.00
Linearity SAR (W/kg)	3.140		Linearity SAR (W/kg)	3.133	
% deviation from expected linearity		-0.97%	% deviation from expected linearity		-5.29%

FR1 n41(HPUE) Ant 4-Linearity Data for Head			FR1 n41(HPUE) Ant 0-Linearity Data for Head		
	FR1 n41 (Power Class 3)	FR1 n41 (Power Class 2)		FR1 n41 (Power Class 3)	FR1 n41 (Power Class 2)
Maximum Tune up Power (dBm)	23.00	26.00	Maximum Tune up Power (dBm)	24.00	27.00
Reported 1g SAR (W/kg)	0.325	0.347	Reported 1g SAR (W/kg)	0.201	0.210
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	199.53	199.05	Frame Averaged (mW)	251.19	250.59
Linearity SAR (W/kg)	0.324		Linearity SAR (W/kg)	0.201	
% deviation from expected linearity		7.02%	% deviation from expected linearity		4.73%
FR1 n41(HPUE) Ant 4-Linearity Data for Hotspot			FR1 n41(HPUE) Ant 0-Linearity Data for Hotspot		
	FR1 n41 (Power Class 3)	FR1 n41 (Power Class 2)		FR1 n41 (Power Class 3)	FR1 n41 (Power Class 2)
Maximum Tune up Power (dBm)	21.60	24.60	Maximum Tune up Power (dBm)	22.70	25.70
Reported 1g SAR (W/kg)	1.297	1.275	Reported 1g SAR (W/kg)	1.271	1.243
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	144.54	144.20	Frame Averaged (mW)	186.21	185.77



FCC SAR Test Report

Report No. : FA5N1310

Linearity SAR (W/kg)	1.294		Linearity SAR (W/kg)	1.268	
% deviation from expected linearity		-1.46%	% deviation from expected linearity		-1.97%
FR1 n41(HPUE) Ant 4-Linearity Data for Body-worn			FR1 n41(HPUE) Ant 0-Linearity Data for Body-worn		
	FR1 n41 (Power Class 3)	FR1 n41 (Power Class 2)		FR1 n41 (Power Class 3)	FR1 n41 (Power Class 2)
Maximum Tune up Power (dBm)	21.60	24.60	Maximum Tune up Power (dBm)	24.00	27.00
Reported 1g SAR (W/kg)	1.297	1.198	Reported 1g SAR (W/kg)	1.058	1.024
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	144.54	144.20	Frame Averaged (mW)	251.19	250.59
Linearity SAR (W/kg)	1.294		Linearity SAR (W/kg)	1.055	
% deviation from expected linearity		-7.41%	% deviation from expected linearity		-2.98%
FR1 n41(HPUE) Ant 4-Linearity Data for Extremity			FR1 n41(HPUE) Ant 0-Linearity Data for Extremity		
	FR1 n41 (Power Class 3)	FR1 n41 (Power Class 2)		FR1 n41 (Power Class 3)	FR1 n41 (Power Class 2)
Maximum Tune up Power (dBm)	23.00	26.00	Maximum Tune up Power (dBm)	24.00	27.00
Reported 10g SAR (W/kg)	2.803	2.706	Reported 10g SAR (W/kg)	2.342	2.195
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	199.53	199.05	Frame Averaged (mW)	251.19	250.59
Linearity SAR (W/kg)	2.796		Linearity SAR (W/kg)	2.336	
% deviation from expected linearity		-3.23%	% deviation from expected linearity		-6.05%

FR1 n77 Part 27Q(HPUE) Ant 2-Linearity Data for Head			FR1 n77 Part 27Q(HPUE) Ant 4-Linearity Data for Head		
	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)	24.00	27.00	Maximum Tune up Power (dBm)	24.00	27.00
Reported 1g SAR (W/kg)	0.102	0.108	Reported 1g SAR (W/kg)	0.149	0.144
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	251.19	250.59	Frame Averaged (mW)	251.19	250.59
Linearity SAR (W/kg)	0.102		Linearity SAR (W/kg)	0.149	
% deviation from expected linearity		6.13%	% deviation from expected linearity		-3.13%
FR1 n77 Part 27O(HPUE) Ant 2-Linearity Data for Head			FR1 n77 Part 27O(HPUE) Ant 4-Linearity Data for Head		
	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)	24.00	27.00	Maximum Tune up Power (dBm)	24.00	27.00
Reported 1g SAR (W/kg)	0.110	0.114	Reported 1g SAR (W/kg)	0.323	0.312
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	251.19	250.59	Frame Averaged (mW)	251.19	250.59
Linearity SAR (W/kg)	0.110		Linearity SAR (W/kg)	0.322	
% deviation from expected linearity		3.88%	% deviation from expected linearity		-3.18%
FR1 n77 Part 27Q(HPUE) Ant 2-Linearity Data for Hotspot			FR1 n77 Part 27Q(HPUE) Ant 4-Linearity Data for Hotspot		
	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)	18.40	21.40	Maximum Tune up Power (dBm)	20.20	23.20
Reported 1g SAR (W/kg)	1.278	1.242	Reported 1g SAR (W/kg)	1.272	1.205
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	69.18	69.02	Frame Averaged (mW)	104.71	104.46
Linearity SAR (W/kg)	1.275		Linearity SAR (W/kg)	1.269	
% deviation from expected linearity		-2.59%	% deviation from expected linearity		-5.04%
FR1 n77 Part 27O(HPUE) Ant 2-Linearity Data for Hotspot			FR1 n77 Part 27O(HPUE) Ant 4-Linearity Data for Hotspot		
	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)



FCC SAR Test Report

Report No. : FA5N1310

Maximum Tune up Power (dBm)	18.40	21.40	Maximum Tune up Power (dBm)	20.20	23.20
Reported 1g SAR (W/kg)	0.901	0.895	Reported 1g SAR (W/kg)	0.927	0.862
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	69.18	69.02	Frame Averaged (mW)	104.71	104.46
Linearity SAR (W/kg)	0.899		Linearity SAR (W/kg)	0.925	
% deviation from expected linearity		-0.43%	% deviation from expected linearity		-6.79%
FR1 n77 Part 27Q(HPUE) Ant 2-Linearity Data for Body-worn			FR1 n77 Part 27Q(HPUE) Ant 4-Linearity Data for Body-worn		
	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)	19.50	22.50	Maximum Tune up Power (dBm)	20.20	23.20
Reported 1g SAR (W/kg)	1.289	1.206	Reported 1g SAR (W/kg)	1.272	1.205
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	89.13	88.91	Frame Averaged (mW)	104.71	104.46
Linearity SAR (W/kg)	1.286		Linearity SAR (W/kg)	1.269	
% deviation from expected linearity		-6.22%	% deviation from expected linearity		-5.04%
FR1 n77 Part 27O(HPUE) Ant 2-Linearity Data for Body-worn			FR1 n77 Part 27O(HPUE) Ant 4-Linearity Data for Body-worn		
	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)	19.50	22.50	Maximum Tune up Power (dBm)	20.20	23.20
Reported 1g SAR (W/kg)	1.151	1.147	Reported 1g SAR (W/kg)	0.927	0.862
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	89.13	88.91	Frame Averaged (mW)	104.71	104.46
Linearity SAR (W/kg)	1.148		Linearity SAR (W/kg)	0.925	
% deviation from expected linearity		-0.11%	% deviation from expected linearity		-6.79%
FR1 n77 Part 27Q(HPUE) Ant 2-Linearity Data for Extremity			FR1 n77 Part 27Q(HPUE) Ant 4-Linearity Data for Extremity		
	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)	21.90	24.90	Maximum Tune up Power (dBm)	22.30	25.30
Reported 10g SAR (W/kg)	3.184	2.953	Reported 10g SAR (W/kg)	3.133	3.023
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	154.88	154.51	Frame Averaged (mW)	169.82	169.42
Linearity SAR (W/kg)	3.176		Linearity SAR (W/kg)	3.126	
% deviation from expected linearity		-7.03%	% deviation from expected linearity		-3.28%
FR1 n77 Part 27O(HPUE) Ant 2-Linearity Data for Extremity			FR1 n77 Part 27O(HPUE) Ant 4-Linearity Data for Extremity		
	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)	21.90	24.90	Maximum Tune up Power (dBm)	22.30	25.30
Reported 10g SAR (W/kg)	2.650	2.586	Reported 10g SAR (W/kg)	1.393	1.334
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	154.88	154.51	Frame Averaged (mW)	169.82	169.42
Linearity SAR (W/kg)	2.644		Linearity SAR (W/kg)	1.390	
% deviation from expected linearity		-2.18%	% deviation from expected linearity		-4.01%
FR1 n77 Part 27Q(HPUE) Ant 6-Linearity Data for Head			FR1 n77 Part 27Q(HPUE) Ant 8-Linearity Data for Head		
	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)	24.00	27.00	Maximum Tune up Power (dBm)	21.70	24.70
Reported 1g SAR (W/kg)	1.211	1.171	Reported 1g SAR (W/kg)	1.269	1.209
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%



Frame Averaged (mW)	251.19	250.59	Frame Averaged (mW)	147.91	147.56
Linearity SAR (W/kg)	1.208		Linearity SAR (W/kg)	1.266	
% deviation from expected linearity		-3.07%	% deviation from expected linearity		-4.50%
FR1 n77 Part 270(HPUE) Ant 6-Linearity Data for Head			FR1 n77 Part 270(HPUE) Ant 8-Linearity Data for Head		
	FR1 n77 Part 270 (Power Class 3)	FR1 n77 Part 270 (Power Class 2)		FR1 n77 Part 270 (Power Class 3)	FR1 n77 Part 270 (Power Class 2)
Maximum Tune up Power (dBm)	24.00	27.00	Maximum Tune up Power (dBm)	21.70	24.70
Reported 1g SAR (W/kg)	0.926	0.878	Reported 1g SAR (W/kg)	0.857	0.812
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	251.19	250.59	Frame Averaged (mW)	147.91	147.56
Linearity SAR (W/kg)	0.924		Linearity SAR (W/kg)	0.855	
% deviation from expected linearity		-4.96%	% deviation from expected linearity		-5.03%
FR1 n77 Part 27Q(HPUE) Ant 6-Linearity Data for Hotspot			FR1 n77 Part 27Q(HPUE) Ant 8-Linearity Data for Hotspot		
	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)	19.40	22.40	Maximum Tune up Power (dBm)	18.90	21.90
Reported 1g SAR (W/kg)	1.044	1.016	Reported 1g SAR (W/kg)	0.881	0.855
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	87.10	86.89	Frame Averaged (mW)	77.62	77.44
Linearity SAR (W/kg)	1.042		Linearity SAR (W/kg)	0.879	
% deviation from expected linearity		-2.45%	% deviation from expected linearity		-2.72%
FR1 n77 Part 27Q(HPUE) Ant 6-Linearity Data for Hotspot			FR1 n77 Part 27Q(HPUE) Ant 8-Linearity Data for Hotspot		
	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)	19.40	22.40	Maximum Tune up Power (dBm)	18.90	21.90
Reported 1g SAR (W/kg)	1.060	1.013	Reported 1g SAR (W/kg)	1.245	1.156
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	87.10	86.89	Frame Averaged (mW)	77.62	77.44
Linearity SAR (W/kg)	1.057		Linearity SAR (W/kg)	1.242	
% deviation from expected linearity		-4.21%	% deviation from expected linearity		-6.93%
FR1 n77 Part 27Q(HPUE) Ant 6-Linearity Data for Body-worn			FR1 n77 Part 27Q(HPUE) Ant 8-Linearity Data for Body-worn		
	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)	19.40	22.40	Maximum Tune up Power (dBm)	18.90	21.90
Reported 1g SAR (W/kg)	1.044	0.995	Reported 1g SAR (W/kg)	0.881	0.850
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	87.10	86.89	Frame Averaged (mW)	77.62	77.44
Linearity SAR (W/kg)	1.042		Linearity SAR (W/kg)	0.879	
% deviation from expected linearity		-4.47%	% deviation from expected linearity		-3.29%
FR1 n77 Part 27Q(HPUE) Ant 6-Linearity Data for Body-worn			FR1 n77 Part 27Q(HPUE) Ant 8-Linearity Data for Body-worn		
	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)	19.40	22.40	Maximum Tune up Power (dBm)	18.90	21.90
Reported 1g SAR (W/kg)	1.060	0.970	Reported 1g SAR (W/kg)	1.245	1.156
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	87.10	86.89	Frame Averaged (mW)	77.62	77.44
Linearity SAR (W/kg)	1.057		Linearity SAR (W/kg)	1.242	
% deviation from expected linearity		-8.27%	% deviation from expected linearity		-6.93%
FR1 n77 Part 27Q(HPUE) Ant 6-Linearity Data for Extremity			FR1 n77 Part 27Q(HPUE) Ant 8-Linearity Data for Extremity		



FCC SAR Test Report

Report No. : FA5N1310

	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)	22.60	25.60	Maximum Tune up Power (dBm)	19.90	22.90
Reported 10g SAR (W/kg)	2.499	2.364	Reported 10g SAR (W/kg)	1.880	1.941
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	181.97	181.54	Frame Averaged (mW)	97.72	97.49
Linearity SAR (W/kg)	2.493		Linearity SAR (W/kg)	1.876	
% deviation from expected linearity		-5.18%	% deviation from expected linearity		3.49%
FR1 n77 Part 27Q(HPUE) Ant 6-Linearity Data for Extremity			FR1 n77 Part 27Q(HPUE) Ant 8-Linearity Data for Extremity		
	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)	22.60	25.60	Maximum Tune up Power (dBm)	19.90	22.90
Reported 10g SAR (W/kg)	2.766	2.526	Reported 10g SAR (W/kg)	3.120	3.005
Duty Cycle	100.00%	50.00%	Duty Cycle	100.00%	50.00%
Frame Averaged (mW)	181.97	181.54	Frame Averaged (mW)	97.72	97.49
Linearity SAR (W/kg)	2.759		Linearity SAR (W/kg)	3.113	
% deviation from expected linearity		-8.46%	% deviation from expected linearity		-3.46%

17. Simultaneous Transmission Analysis

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

General Note:

- This device supports VoIP in GPRS, EGPRS, WCDMA, LTE and 5GNR (e.g. for 3rd-party VoIP), LTE supports VoLTE operation.
- WWAN above includes 5G NR bands and EN-DC combination.
- EUT will choose each GSM, WCDMA, LTE and 5GNR according to the network signal condition; therefore, they will not operate simultaneously at any moment.
- For EN-DC mode, Qualcomm Smart Transmit algorithm in WWAN adds directly the time-averaged RF exposure from 4G(LTE) and time-averaged RF exposure from 5G NR. Smart Transmit algorithm controls the total RF exposure from both 4G and 5G NR to not exceed SAR exposure limit. Therefore, simultaneous transmission compliance between 4G+5G NR operations within an antenna group is demonstrated in the Part 2 Report during algorithm validation.
- This device WLAN 2.4GHz support hotspot operation and Bluetooth support tethering applications.
- This device 5.2GHz WLAN/5.8GHz WLAN support hotspot operation, and 5.2GHz WLAN/5.8GHz WLAN supports WLAN Direct (GC/GO), and 5.3GHz / 5.5GHz supports WLAN Direct (GC only). WLAN 6GHz has no hotspot function.
- According to the EUT characteristic, WLAN 2.4GHz and Bluetooth cannot transmit simultaneously.
- According to the EUT characteristic, WLAN 5GHz/6GHz and Bluetooth can transmit simultaneously.
- According to the EUT characteristic, WLAN 5GHz/6GHz and WLAN 2.4GHz can transmit simultaneously.
- According to the EUT characteristic, WLAN 5GHz and WLAN 6GHz cannot transmit simultaneously.
- NFC can transmit simultaneously with other Radios in extremity exposure condition.
- The worst case 5 GHz WLAN SAR for each configuration was used for SAR summation.
- For Headset SAR and non-Headset SAR always chose higher SAR to do co-located analysis.
- 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.
- The equipment under test (EUT) contains the Qualcomm modems supporting 2G/3G/4G/5G technologies and WLAN/BT technologies. these modems are always enabled with Qualcomm Smart Transmit feature to control and manage transmitting power in real time and to ensure the time-averaged RF exposure follows the FCC

- requirement. Smart Transmit algorithm controls the total RF exposure from all WWAN/WLAN/BT to not exceed FCC limit and each antenna group has controlled the total RF exposure from all transmitter to not exceed FCC limit. Therefore, in Part.1 report, it is evaluated whether the sum of the groups of each antenna does not exceed FCC limit or spatial separation is applied. In addition, each antenna needs to satisfy simultaneous transmission analysis with External radios (NFC) in this report at extremity exposure condition.
16. The maximum SAR summation is calculated based on the same configuration and test position.
 17. 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) $SPLSR = (SAR1 + SAR2)^{1.5} / (\text{min. separation distance, mm})$, 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 $SPLSR \leq 0.04$ for 1g SAR and $SPLSR \leq 0.10$ 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 17.7.
 18. Since the WPT will only operate on body condition, therefore, WPT transmit with WWAN/WLAN/BT only consider at hotspot / body-worn/extremity conditions, the further Sim-Tx analysis include in section 17.6.
 19. The simultaneous transmission analysis, considering UWB power is very smaller and no risk, the contribution of UWB to the total TER can be neglected.

17.1 Sub6 Antenna Groups

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

- 1) Case 1: Demonstrate that Sum of maximum reported SAR from each of the sub6 AGs and the reported normalized SAR values from radios outside Smart Transmit should be less than regulatory limits for each supported DSI. This condition must be demonstrated for all antenna combinations of sub6 AGs.
 - i. For a given DSI, obtain the highest *reported* SAR for each antenna out of all supported technologies and frequency bands. Obtain the maximum *reported* SAR for each AG by taking the maximum out of *reported* SAR for all antennas belonging to each AG.
 - ii. Demonstrate that the sum of maximum reported SAR (normalized to regulatory limit) from each of the sub6 AGs and the sum of reported SAR (normalized to regulatory limit) from all supported radios outside of Smart Transmit should be less than 1.0
- 2) Case 2: If the Case 1 is NOT met, then for a given antenna grouping scheme plus external radios/antennas (ERs) (referred to as 'configuration'), demonstrate all AG pairs, all ER pairs and all (AG, ER) pairs in the configuration meet SPLSR criteria (Section 4.3.2 (c) in FCC KDB 447498 D01 v06) for each exposure position under each supported DSI. For a given exposure position under a given DSI, prove all AG pairs, all ER pairs and all (AG, ER) pairs (if there are external radios outside Smart Transmit) in the configuration meet SPLSR.
- 3) Case 3: When One or more antenna(s) can be placed as shared antenna(s) among multiple AGs as described in this Section. Repeat the same procedure to check if the new antenna grouping scheme (using shared antenna) with all supported external radios meets Case 1 or Case 2 so that each AG in the new antenna grouping scheme can operate independently.
 - a) For antenna grouping, only Case 1 or Case 2 (not both) needs to be met for each exposure position of all supported DSIs under a given exposure category. To further clarify, only one of the two conditions (either Case 1 or Case 2) should be used for a given exposure position to demonstrate RF exposure is mutually exclusive among all antenna groups (including external radios). In other words, a combination of Case 1 and Case 2 CANNOT be used for a given exposure position, i.e., mutual exclusivity between AGs CANNOT be demonstrated by using Case 1 for some antenna combinations and using Case 2 for remaining antenna combinations.
 - b) New antenna grouping analysis with one or more antenna(s) as a shared antenna (sAnt). AG0, AG1 and WLAN must be demonstrated to transmit independently with a shared antenna (sAnt) configured in AG0/AG1. The TER for simultaneous analysis for sub6 radios should be given by the sum of these RF exposures meets (i) and (ii) :
 - i. $\{ [\text{max.SAR.without.sAnt.AG0} + \text{max.SAR.without.sAnt.AG1}] + \text{WIFI/BT worst-case reported SAR} \} \leq 1.6$ (for 1g, or 4.0 for 10g).
 - ii. $\{ [\text{max.SAR.sAnt}] + \text{WIFI/BT worst-case reported SAR} \} \leq 1.6$ (for 1g, or 4.0 for 10g).
 - c) For a given exposure position under a given DSI, prove all AG pairs, all ER pairs and all (AG, ER) pairs (if there are external radios outside Smart Transmit) in the configuration meet SPLSR.

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

Antenna Group 0 (AG0)	ANT1 & ANT4 & ANT3 ANT6 & ANT7 & ANT8 & ANT11
Antenna Group 1 (AG1)	ANT0 & ANT2 & ANT1

Note: Ant1 as shared antennas (sAnt) among AG0 and AG1.

The conditions are verified through the following criterias:

i) (SAR1 + SAR2 criteria): If SPLSR criteria is not used, then the highest reported SAR at *Plimit* for each antenna should be obtained out of all supported technologies and frequency bands for each DSI. Demonstrate that the sum of reported SAR of one antenna from each of the sub6 AGs and the sum of RF exposure from all supported radios outside of Smart Transmit should be less than the regulatory limit as given below for each DSI.

1. Obtain the worst-case reported SAR for each antenna group (i.e., maximum *reported* SAR at *Plimit* out of all supported technologies, frequency bands and antennas in AG0 and AG1), denoted as max.SAR.AG0 and max.SAR.AG1, and obtain the worst-case RF exposure for each external radio, and demonstrate that the sum of these RF exposures meets: $\{ [\text{max.SAR.AG0} + \text{max.SAR.AG1}] + \text{each external radio worst-case reported SAR (ex: NFC)} \} \leq 1.6$ (for 1g, or 4.0 for 10g). (each external radio worst-case reported SAR is the worst SAR in all combinations of each external radio simultaneous transmission).

ii) (SPLSR criteria): For each antenna, obtain the highest reported SAR value at *Plimit* out of all supported technologies for each frequency band. Using these values, demonstrate for a given DSI that every antenna from one sub6 AG meets SPLSR criteria with every antenna in another sub6 AG for all frequency bands. This criteria must be demonstrated for all antenna pair combinations irrespective of supported simultaneous transmission scenarios as given below for each DSI:

- a. SPLSR criteria should be met for all antenna pair combinations of AG0 and AG1. As it can be seen, these include all combinations of antenna groups, antennas, and frequency bands.
- b. Obtain combined SAR per AG: Obtain the worst-case conservative combined SAR and its peak location for each AG.
- c. Use the 'closest' peak location out of all antennas of AGj to evaluate SPLSR with other AGs in the configuration. Note, by 'closest', select the peak location out of all antennas (ε AGj) that is closest to the peak location of other AG where SPLSR is evaluated.

iii) (combination of SPLSR SAR1+SAR2 criteria): If SPLSR criteria for all the combinations of sub6g antenna groups in (i) is demonstrated to show that each AG is mutually exclusive from other AGs, and if the WIFI/BT antennas supported outside of Smart Transmit do not meet SPLSR criteria, then the condition in (ii) reduces to: $\{\text{max.SAR.AG0} + \text{worst-case reported SAR}\} \leq 1.6$ and $\{\text{max.SAR.AG1} + \text{worst-case reported SAR}\} \leq 1.6$ for compliance demonstration (for 1g, or 4.0 for 10g).

For summed SAR results and SPLSR detailed analysis please refer to section 17.2 / 17.3 / 17.4 / 17.5 / 17.6 / 17.7 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	Ant3	Ant4	Ant6	Ant8	Ant7	Ant11	Ant7+11	Ant6+1	MAX
Right Cheek	1.050	0.405	0.738	1.252	0.077	0.024	0.773	0.805	1.252
Right Tilted	1.282	0.428	1.036	1.269	0.087	0.028	1.092	1.077	1.282
Left Cheek	1.073	1.269	1.056	0.906	0.058	0.022	0.554	1.063	1.269
Left Tilted	1.295	0.776	1.211	0.992	0.063	0.027	0.775	0.971	1.295

AG1 maximum reported SAR:

Test Position	Ant0	Ant2	MAX
Right Cheek	0.210	0.106	0.210
Right Tilted	0.110	0.081	0.110
Left Cheek	0.162	0.114	0.162
Left Tilted	0.159	0.075	0.159

Simultaneous Transmission analysis of AG0 + AG1 Worse-case:

Test Position	AG0	AG1	AG0+AG1 worse case
	1g SAR (W/kg)	1g SAR (W/kg)	Summed 1g SAR (W/kg)
Right Cheek	1.252	0.210	1.46
Right Tilted	1.282	0.110	1.39
Left Cheek	1.269	0.162	1.43
Left Tilted	1.295	0.159	1.45

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	Ant3	Ant4	Ant6	Ant8	Ant7	Ant11	Ant7+11	Ant6+1	MAX
Front	0.537	0.392	0.240	0.278	0.054	0.022	0.393	0.137	0.537
Back	1.295	1.297	1.298	1.298	0.192	0.303	1.363	1.096	1.363
Left Side	0.080			0.271		0.045	0.192		0.271
Right Side		1.274	0.192		0.165		0.257	0.510	1.274
Top Side	1.290	0.245	1.213	1.228	0.190	0.143	1.213	0.896	1.290
Bottom Side									

AG1 maximum reported SAR:

Test Position	Ant0	Ant2	MAX
Front	1.204	0.343	1.204
Back	1.277	1.295	1.295
Left Side		0.211	0.211
Right Side	1.295		1.295
Top Side			
Bottom Side	1.271	1.306	1.306

Simultaneous Transmission analysis of AG0 + AG1 Worse-case:

Test Position	AG0	AG1	AG0+AG1 worse case
	1g SAR (W/kg)	1g SAR (W/kg)	Summed 1g SAR (W/kg)
Front	0.537	1.204	1.74
Back	1.363	1.295	2.66
Left Side	0.271	0.211	0.48
Right Side	1.274	1.295	2.57
Top Side	1.290		1.29
Bottom Side		1.306	1.31

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

Front				
Ant combination	AG1	AG0	AG0+AG1 worse case	Note
	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	
Ant0-Ant3	1.204	0.537	1.74	1
Ant0-Ant4	1.204	0.392	1.60	2
Ant0-Ant6	1.204	0.240	1.44	
Ant0-Ant8	1.204	0.278	1.48	
Ant0-Ant7	1.204	0.054	1.26	
Ant0-Ant11	1.204	0.022	1.23	
Ant0-Ant7+11	1.204	0.393	1.60	3
Ant0-Ant6+1	1.204	0.137	1.34	
Ant2-Ant3	0.343	0.537	0.88	
Ant2-Ant4	0.343	0.392	0.74	
Ant2-Ant6	0.343	0.240	0.58	
Ant2-Ant8	0.343	0.278	0.62	
Ant2-Ant7	0.343	0.054	0.40	



Ant2-Ant11	0.343	0.022	0.37	
Ant2-Ant7+11	0.343	0.393	0.74	
Ant2-Ant6+1	0.343	0.137	0.48	

Back				
Ant combination	AG1	AG0	AG0+AG1 worse case	Note
	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	
Ant0-Ant3	1.277	1.295	2.57	4
Ant0-Ant4	1.277	1.297	2.57	5
Ant0-Ant6	1.277	1.298	2.58	6
Ant0-Ant8	1.277	1.298	2.58	7
Ant0-Ant7	1.277	0.192	1.47	
Ant0-Ant11	1.277	0.303	1.58	
Ant0-Ant7+11	1.277	1.363	2.64	8
Ant0-Ant6+1	1.277	1.096	2.37	9
Ant2-Ant3	1.295	1.295	2.59	10
Ant2-Ant4	1.295	1.297	2.59	11
Ant2-Ant6	1.295	1.298	2.59	12
Ant2-Ant8	1.295	1.298	2.59	13
Ant2-Ant7	1.295	0.192	1.49	
Ant2-Ant11	1.295	0.303	1.60	14
Ant2-Ant7+11	1.295	1.363	2.66	15
Ant2-Ant6+1	1.295	1.096	2.39	16

Right Side				
Ant combination	AG1	AG0	AG0+AG1 worse case	Note
	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	
Ant0-Ant3	1.295		1.30	
Ant0-Ant4	1.295	1.274	2.57	17
Ant0-Ant6	1.295	0.192	1.49	
Ant0-Ant8	1.295		1.30	
Ant0-Ant7	1.295	0.165	1.46	
Ant0-Ant11	1.295		1.30	
Ant0-Ant7+11	1.295	0.257	1.55	
Ant0-Ant6+1	1.295	0.510	1.81	18
Ant2-Ant3				
Ant2-Ant4		1.274	1.27	
Ant2-Ant6		0.192	0.19	
Ant2-Ant8				
Ant2-Ant7		0.165	0.17	
Ant2-Ant11				
Ant2-Ant7+11		0.257	0.26	
Ant2-Ant6+1		0.510	0.51	

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	Ant3	Ant4	Ant6	Ant8	Ant7	Ant11	Ant7+11	Ant6+1	MAX
Front	0.735	0.392	0.240	0.278	0.054	0.077	0.375	0.225	0.735
Back	1.295	1.297	1.298	1.298	0.192	0.303	1.301	1.071	1.301

AG1 maximum reported SAR:

Test Position	Ant0	Ant2	MAX
Front	1.155	0.347	1.155
Back	1.296	1.300	1.300

Simultaneous Transmission analysis of AG0 + AG1 Worse-case:

Test Position	AG0	AG1	AG0+AG1 worse case
	1g SAR (W/kg)	1g SAR (W/kg)	Summed 1g SAR (W/kg)
Front	0.735	1.155	1.89
Back	1.301	1.300	2.60

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

Front				
Ant combination	AG1	AG0	AG0+AG1 worse case	Note
	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	
Ant0-Ant3	1.155	0.735	1.89	19
Ant0-Ant4	1.155	0.392	1.55	
Ant0-Ant6	1.155	0.240	1.40	
Ant0-Ant8	1.155	0.278	1.43	
Ant0-Ant7	1.155	0.054	1.21	
Ant0-Ant11	1.155	0.077	1.23	
Ant0-Ant7+11	1.155	0.375	1.53	
Ant0-Ant6+1	1.155	0.225	1.38	
Ant2-Ant3	0.347	0.735	1.08	
Ant2-Ant4	0.347	0.392	0.74	
Ant2-Ant6	0.347	0.240	0.59	
Ant2-Ant8	0.347	0.278	0.63	
Ant2-Ant7	0.347	0.054	0.40	
Ant2-Ant11	0.347	0.077	0.42	
Ant2-Ant7+11	0.347	0.375	0.72	
Ant2-Ant6+1	0.347	0.225	0.57	

Back				
Ant combination	AG1	AG0	AG0+AG1 worse case	Note
	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	
Ant0-Ant3	1.296	1.295	2.59	20
Ant0-Ant4	1.296	1.297	2.59	21
Ant0-Ant6	1.296	1.298	2.59	22
Ant0-Ant8	1.296	1.298	2.59	23
Ant0-Ant7	1.296	0.192	1.49	
Ant0-Ant11	1.296	0.303	1.60	24
Ant0-Ant7+11	1.296	1.301	2.60	25
Ant0-Ant6+1	1.296	1.071	2.37	26



Ant2-Ant3	1.300	1.295	2.60	27
Ant2-Ant4	1.300	1.297	2.60	28
Ant2-Ant6	1.300	1.298	2.60	29
Ant2-Ant8	1.300	1.298	2.60	30
Ant2-Ant7	1.300	0.192	1.49	
Ant2-Ant11	1.300	0.303	1.60	31
Ant2-Ant7+11	1.300	1.301	2.60	32
Ant2-Ant6+1	1.300	1.071	2.37	33

Sensor off

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

Simultaneous Transmission Evaluation of WWAN+WLAN+BT:

AG0 maximum reported SAR:

Test Position	Ant3	Ant4	Ant6	Ant8	Ant7	Ant11	Ant7+11	Ant6+1	MAX
Front	0.851	0.566	0.466	0.525			0.126	0.059	0.851
Back	0.815	0.730	0.605	0.742			0.497	0.746	0.815

AG1 maximum reported SAR:

Test Position	Ant0	Ant2	MAX
Front	0.501	0.687	0.687
Back	0.564	0.767	0.767

Simultaneous Transmission analysis of AG0 + AG1 Worse-case:

Test Position	AG0	AG1	AG0+AG1 worse case
	1g SAR (W/kg)	1g SAR (W/kg)	Summed 1g SAR (W/kg)
Front	0.851	0.687	1.54
Back	0.815	0.767	1.58

17.5 Body Exposure Conditions

<Flip Open>

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

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

AG0 maximum reported SAR:

Test Position	Ant3	Ant4	Ant6	Ant7	Ant8	Ant11	Ant6+1	Ant7+11	MAX
Back MAX	1.298	1.294	1.295	0.942	1.287	1.224	1.116	1.380	1.380
Left Side									
Right Side		1.284	1.056	0.665		0.041	1.114	0.374	1.284
Top Side	1.294	0.239	1.138	1.367	1.293	0.412	1.037	1.201	1.367
Bottom Side									

AG1 maximum reported SAR:

Test Position	Ant0	Ant2	MAX
Back MAX	1.294	1.299	1.299
Left Side			
Right Side	1.286	0.183	1.286
Top Side			
Bottom Side	1.285	1.290	1.290

Simultaneous Transmission analysis of AG0 + AG1+NFC:

Test Position	AG0	AG1	NFC	AG0+AG1 worse case+NFC
	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	Summed 1g SAR (W/kg)
Back MAX	1.380	1.299	0.033	2.71
Left Side				0.00
Right Side	1.284	1.286		2.57
Top Side	1.367			1.37
Bottom Side		1.290		1.29

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

Right Side					
Ant combination	AG1	AG0	NFC	AG0+AG1 +NFC	Note
	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	
Ant0-Ant3	1.286			1.29	
Ant0-Ant4	1.286	1.284		2.57	Case 1
Ant0-Ant6	1.286	1.056		2.34	Case 2
Ant0-Ant7	1.286	0.665		1.95	Case 3
Ant0-Ant8	1.286			1.29	
Ant0-Ant11	1.286	0.041		1.33	
Ant0-Ant6+1	1.286	1.114		2.40	Case 25
Ant0-Ant7+11	1.286	0.374		1.66	Case 4
Ant2-Ant3	0.183			0.18	
Ant2-Ant4	0.183	1.284		1.47	
Ant2-Ant6	0.183	1.056		1.24	
Ant2-Ant7	0.183	0.665		0.85	
Ant2-Ant8	0.183			0.18	
Ant2-Ant11	0.183	0.041		0.22	
Ant2-Ant6+1	0.183	1.114		1.30	
Ant2-Ant7+11	0.183	0.374		0.56	

Back					
Ant combination	AG1	AG0	NFC	AG0+AG1 +NFC	Note
	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	
Ant0-Ant3	1.294	1.298	0.033	2.63	Case 5
Ant0-Ant4	1.294	1.294	0.033	2.62	Case 6
Ant0-Ant6	1.294	1.295	0.033	2.62	Case 7
Ant0-Ant7	1.294	0.942	0.033	2.27	Case 8
Ant0-Ant8	1.294	1.287	0.033	2.61	Case 9
Ant0-Ant11	1.294	1.224	0.033	2.55	Case 10
Ant0-Ant6+1	1.294	1.116	0.033	2.44	Case 11
Ant0-Ant7+11	1.294	1.380	0.033	2.71	Case 12
Ant2-Ant3	1.299	1.298	0.033	2.63	Case 13
Ant2-Ant4	1.299	1.294	0.033	2.63	Case 14
Ant2-Ant6	1.299	1.295	0.033	2.63	Case 15
Ant2-Ant7	1.299	0.942	0.033	2.27	Case 16
Ant2-Ant8	1.299	1.287	0.033	2.62	Case 17
Ant2-Ant11	1.299	1.224	0.033	2.56	Case 18
Ant2-Ant6+1	1.299	1.116	0.033	2.45	Case 19
Ant2-Ant7+11	1.299	1.380	0.033	2.71	Case 20

17.6 Product specific 10g SAR Exposure Conditions

Remark:

- For WLAN2.4G/Bluetooth Product specific 10g stand-alone SAR is not required for a transmitter or antenna, due to 1g hotspot SAR is 1.2W/kg.

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

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

AG0 maximum reported SAR:

Test Position	Ant3	Ant4	Ant6	Ant8	Ant7	Ant11	Ant7+11	Ant6+1	MAX
Front	2.286							0.115	2.286
Back	3.205	3.154	3.204	3.165			2.162	2.984	3.205
Left Side								0.033	0.033
Right Side		2.899						0.743	2.899
Top Side	3.223		2.451	3.177			0.831	2.751	3.223
Bottom Side									

AG1 maximum reported SAR:

Test Position	Ant0	Ant2	MAX
Front	0.997		0.997
Back	3.178	3.234	3.234
Left Side			
Right Side	2.161		2.161
Top Side			
Bottom Side	2.342	3.184	3.184

Simultaneous Transmission analysis of AG0 + AG1 Worse-case:

Test Position	AG0	AG1	NFC	AG0+AG1 worse case+NFC
	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)
Front	2.286	0.997		3.28
Back	3.205	3.234	0.012	6.45
Left Side	0.033			0.03
Right Side	2.899	2.161		5.06
Top Side	3.223			3.22
Bottom Side		3.184		3.18

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

Back					
Ant combination	AG1	AG0	NFC	AG0+AG1 worst case+NFC	Note
	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	
Ant0-Ant3	3.178	3.205	0.012	6.40	34
Ant0-Ant4	3.178	3.154	0.012	6.34	35
Ant0-Ant6	3.178	3.204	0.012	6.39	36
Ant0-Ant8	3.178	3.165	0.012	6.36	37
Ant0-Ant7	3.178		0.012	3.19	
Ant0-Ant11	3.178		0.012	3.19	
Ant0-Ant7+11	3.178	2.162	0.012	5.35	38
Ant0-Ant6+1	3.178	2.984	0.012	6.17	39



Ant2-Ant3	3.234	3.205	0.012	6.45	40
Ant2-Ant4	3.234	3.154	0.012	6.40	41
Ant2-Ant6	3.234	3.204	0.012	6.45	42
Ant2-Ant8	3.234	3.165	0.012	6.41	43
Ant2-Ant7	3.234		0.012	3.25	
Ant2-Ant11	3.234		0.012	3.25	
Ant2-Ant7+11	3.234	2.162	0.012	5.41	44
Ant2-Ant6+1	3.234	2.984	0.012	6.23	45

Right Side					
Ant combination	AG1	AG0	NFC	AG0+AG1 worst case+NFC	Note
	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	
Ant0-Ant3	2.161			2.16	
Ant0-Ant4	2.161	2.899		5.06	46
Ant0-Ant6	2.161			2.16	
Ant0-Ant8	2.161			2.16	
Ant0-Ant7	2.161			2.16	
Ant0-Ant11	2.161			2.16	
Ant0-Ant7+11	2.161			2.16	
Ant0-Ant6+1	2.161	0.223		2.38	
Ant2-Ant3					
Ant2-Ant4		2.899		2.90	
Ant2-Ant6					
Ant2-Ant8					
Ant2-Ant7					
Ant2-Ant11					
Ant2-Ant7+11					
Ant2-Ant6+1		0.223		0.22	

17.7 Total Exposure Ratio

Total exposure ratio

Max 1g SAR	WPT SAR	TER
(W/Kg)	(W/Kg)	Reported SAR/1.6 + WPT SAR /1.6 Summation
1.58	0.0000269	0.99

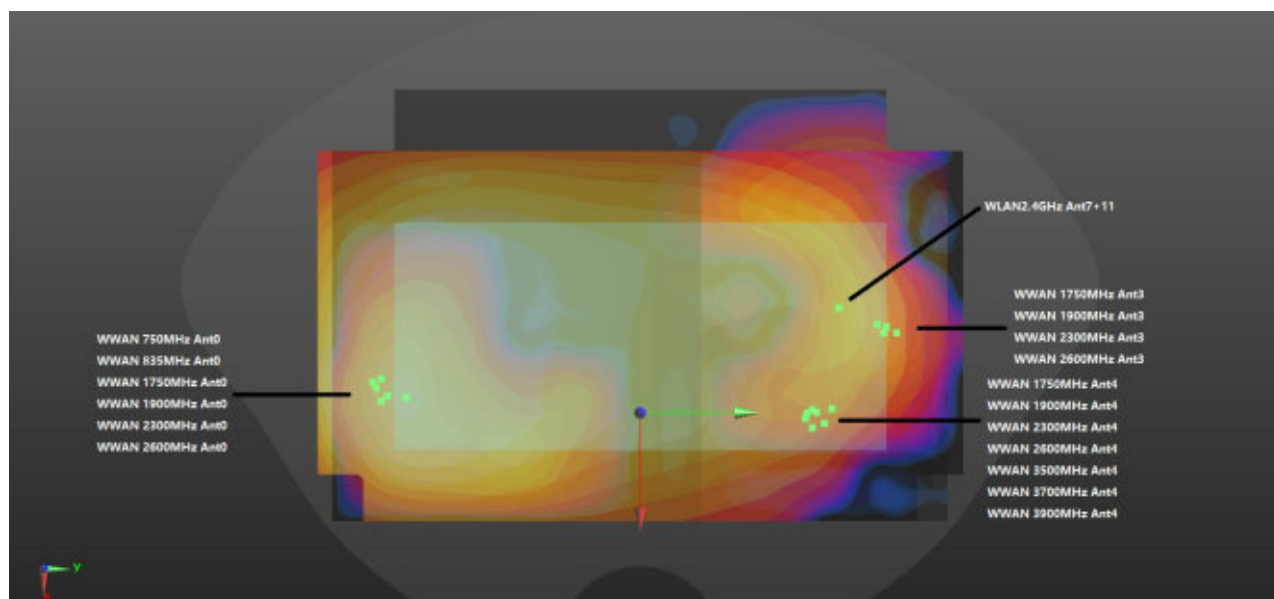
Max 10g SAR	WPT SAR	TER
(W/Kg)	(W/Kg)	Reported SAR/4.0 + WPT SAR /4.0 Summation
3.28	0.0000152	0.82

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

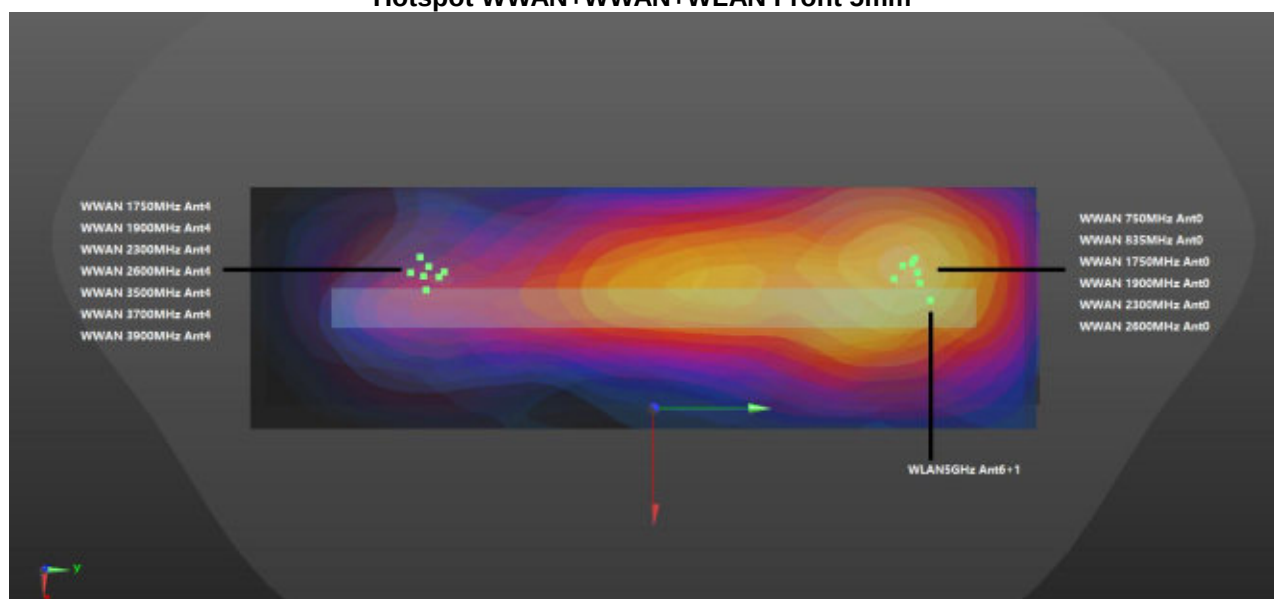
17.8 SPLSR Evaluation and Analysis

General Note:

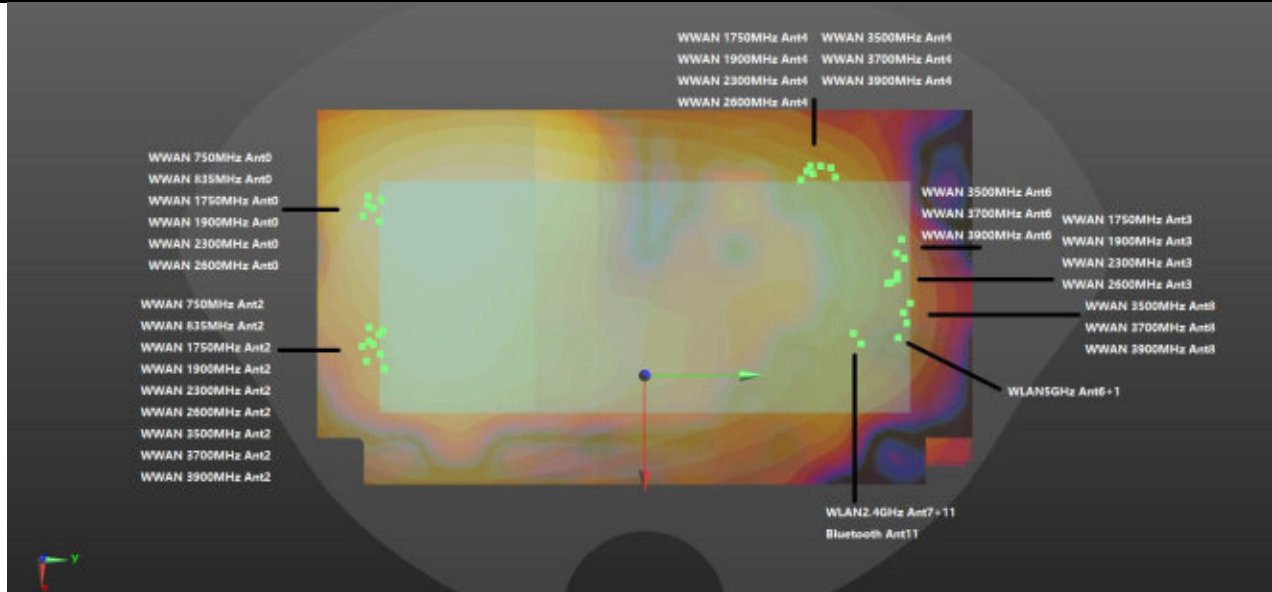
1. When standalone SAR is measured for both antennas in the pair, the peak location separation distance is computed by the square root of $[(x_1 - x_2)^2 + (y_1 - y_2)^2 + (z_1 - z_2)^2]$, where (x_1, y_1, z_1) and (x_2, y_2, z_2) are the coordinates in the area scans or extrapolated peak SAR locations in the zoom scans, as appropriate.
2. $SPLSR = (SAR_1 + SAR_2)1.5 / (\text{min. separation distance, mm})$. If $SPLSR \leq 0.04$ for 1g SAR and $SPLSR \leq 0.10$ for 10g SAR, simultaneously transmission SAR measurement is not necessary.
3. 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.
4. 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.
5. The axis peak locations refer to Section 17.8.



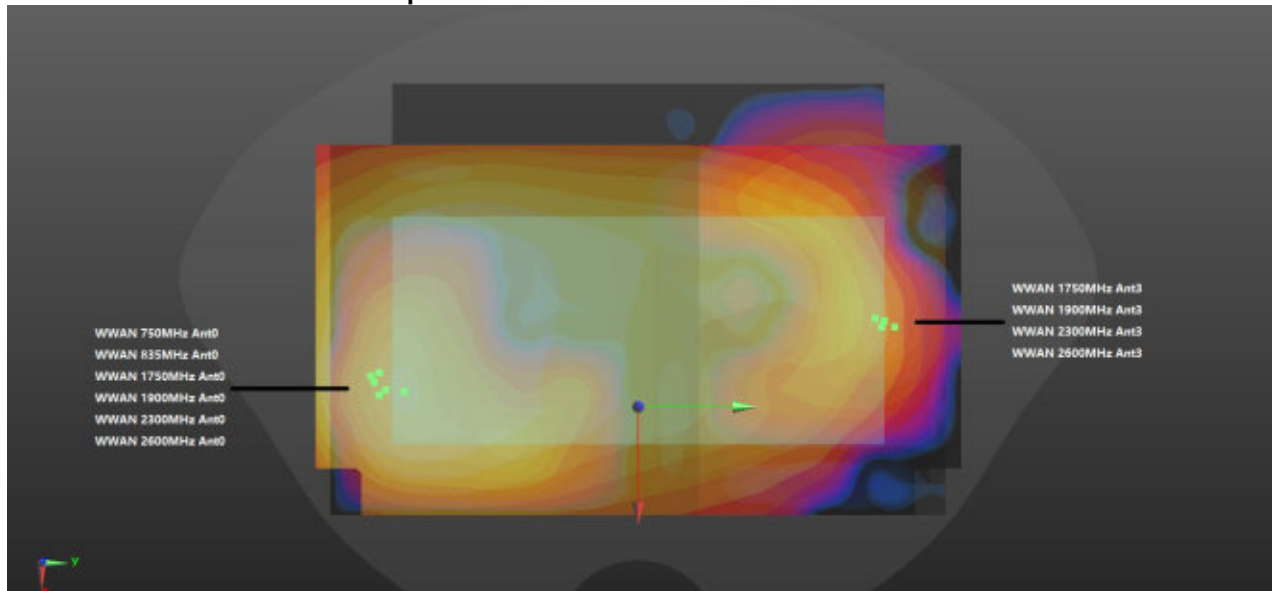
Hotspot WWAN+WWAN+WLAN Front 5mm



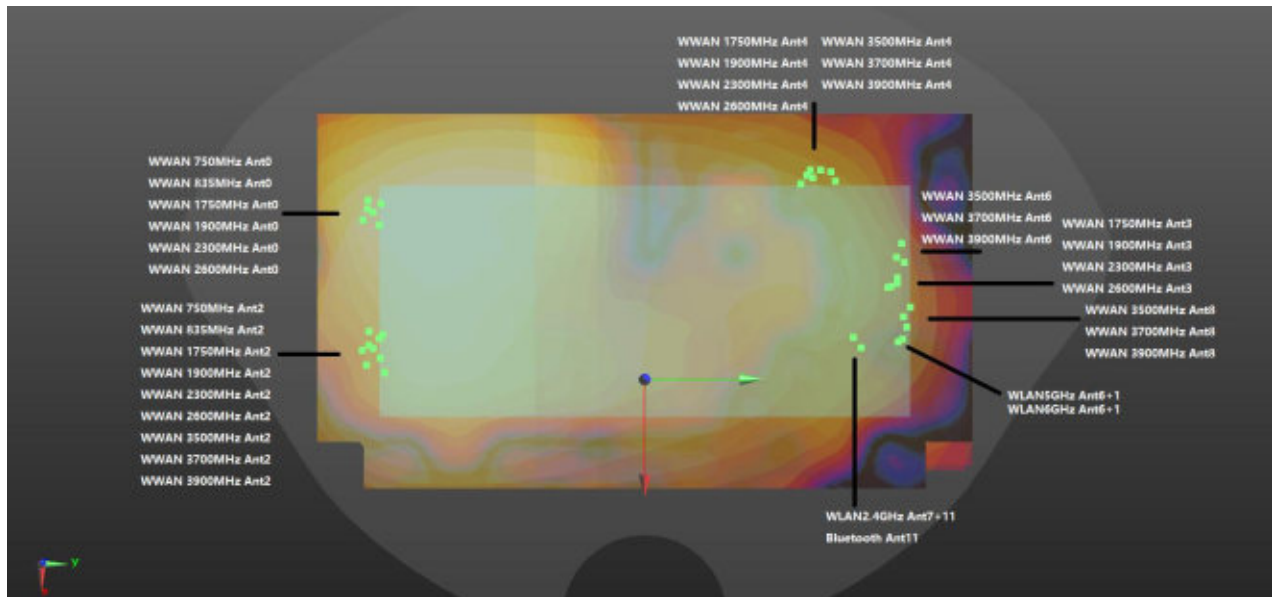
Hotspot WWAN+WWAN+WLAN Right Side 5mm



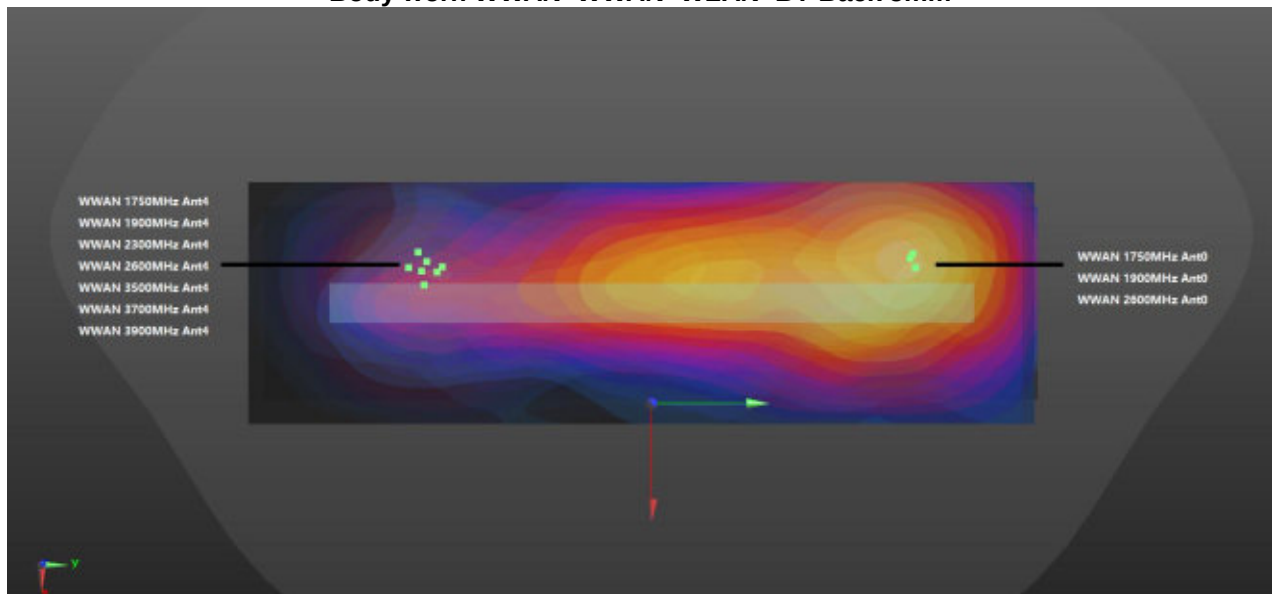
Hotspot WWAN+WWAN+WLAN+BT Back 5mm



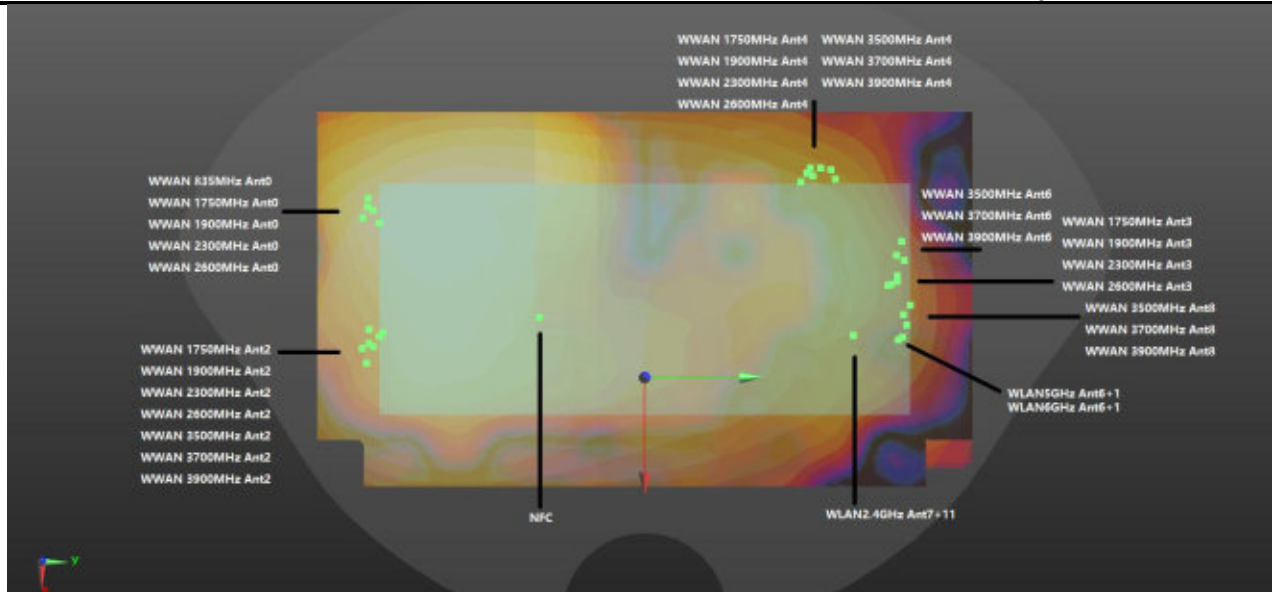
Body worn WWAN+WWAN Front 5mm



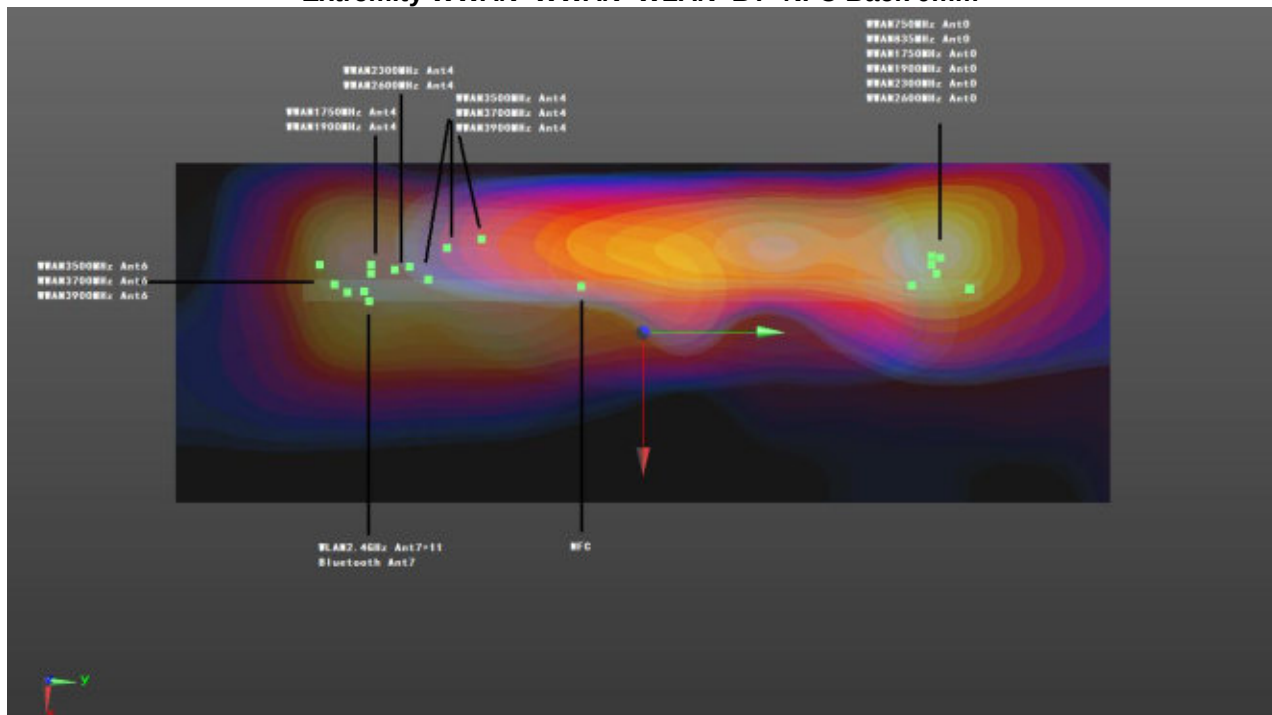
Body worn WWAN+WWAN+WLAN+BT Back 5mm



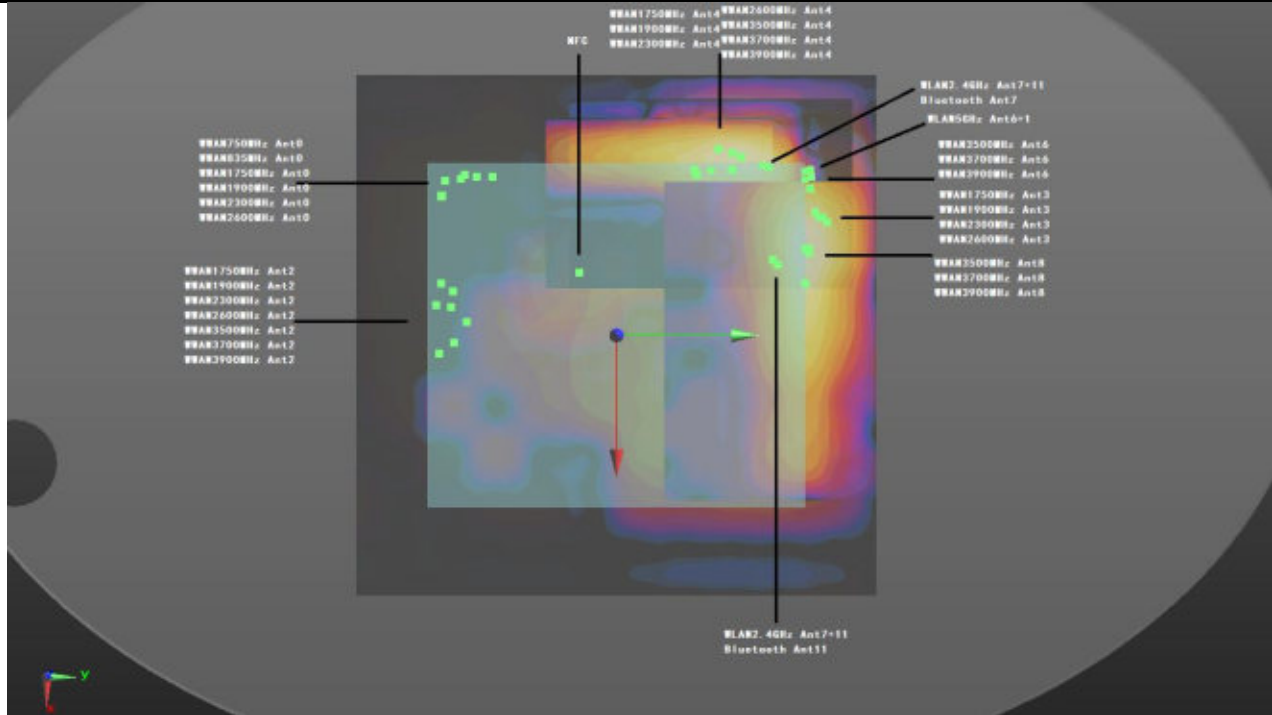
Extremity WWAN+WWAN Right Side 0mm



Extremity WWAN+WWAN+WLAN+BT+NFC Back 0mm



Open_WWAN+WLAN2.4G+BT+NFC Right Side 0mm



Open_WWAN+WLAN2.4G+WLAN5G+BT+NFC Back 0mm



Hotspot

No.1 Band	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	1.204	1.204	5mm	20.6	-82.5	2.89	162.3	1.74	0.01	Not required
Ant3		0.537	0.537	5mm	0.6	78.5	-2.96				
No.2 Band	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	1.204	1.204	5mm	23.8	-82.8	1.78	160.3	1.60	0.01	Not required
Ant4		0.392	0.392	5mm	36.9	76.9	-3.29				
No.3 Band	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	1.204	1.204	5mm	20.6	-82.5	2.89	155.7	1.60	0.01	Not required
Ant7+11		0.393	0.393	5mm	-14.1	69.2	-3.05				
No.4 Band	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	1.277	1.277	5mm	-35.1	-79.8	-2.92	162.3	2.57	0.03	Not required
Ant3		1.295	1.295	5mm	-1.8	79	-2.98				
No.5 Band	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	1.277	1.277	5mm	-42	-78.3	-2.9	155.6	2.57	0.03	Not required
Ant4		1.297	1.297	5mm	-40.5	77.3	-3.18				
No.6 Band	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	1.277	1.277	5mm	-42	-78.3	-2.9	160.3	2.58	0.03	Not required
Ant6		1.298	1.298	5mm	-12	79.2	-3.1				
No.7 Band	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	1.277	1.277	5mm	15.4	-82.6	-29.5	161.1	2.58	0.03	Not required
Ant8		1.298	1.298	5mm	20.4	76.2	-2.85				
No.8 Band	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	1.277	1.277	5mm	15.4	-82.6	-29.5	153.7	2.64	0.03	Not required
Ant7+11		1.363	1.363	5mm	13.2	68.8	-2.95				
No.9 Band	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	1.277	1.277	5mm	-42	-78.3	-2.9	165.8	2.37	0.02	Not required
Ant6+1		1.096	1.096	5mm	8.8	79.5	-3.11				
No.10 Band	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				
Ant2	Back	1.295	1.295	5mm	7.6	-79	-2.73	158.0	2.59	0.03	Not required
Ant3		1.295	1.295	5mm	0.2	78.8	-2.96				
No.11 Band	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				
Ant2	Back	1.295	1.295	5mm	7.6	-79	-2.73	163.5	2.59	0.03	Not required
Ant4		1.297	1.297	5mm	-40.5	77.3	-3.18				
No.12 Band	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				
Ant2	Back	1.295	1.295	5mm	7.6	-79	-2.73	158.8	2.59	0.03	Not required



FCC SAR Test Report

Report No. : FA5N1310

Ant6		1.298	1.298	5mm	-5.6	79.2	-3.1				
No.13 Band	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				
Ant2	Back	1.295	1.295	5mm	7.6	-79	-2.73	155.7	2.59	0.03	Not required
Ant8		1.298	1.298	5mm	20.4	76.2	-2.85				
No.14 Band	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				
Ant2	Back	1.295	1.295	5mm	7.6	-79	-2.73	144.8	1.60	0.01	Not required
Ant11		0.303	0.303	5mm	7	65.8	-2.95				
No.15 Band	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				
Ant2	Back	1.295	1.295	5mm	7.6	-79	-2.73	147.9	2.66	0.03	Not required
Ant7+11		1.363	1.363	5mm	13.2	68.8	-2.95				
No.16 Band	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				
Ant2	Back	1.295	1.295	5mm	7.6	-79	-2.73	158.5	2.39	0.02	Not required
Ant6+1		1.096	1.096	5mm	8.8	79.5	-3.11				

No.17 Band	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	Right Side	1.295	1.295	5mm	-7.7	58.8	-3.05	116.8	2.57	0.04	Not required
Ant4		1.274	1.274	5mm	-9	-58	-3.11				
No.18 Band	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	Right Side	1.295	1.295	5mm	-4.5	58.8	-3.2	130.0	1.81	0.02	Not required
Ant6+1		0.510	0.510	5mm	1.1	-71.1	-3.2				

Body-worn

No.19 Band	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	1.155	1.155	5mm	20.6	-82.5	2.89	162.3	1.89	0.02	Not required
Ant3		0.735	0.735	5mm	0.6	78.5	-2.96				

No.20 Band	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	1.296	1.296	5mm	-35.1	-79.8	-2.92	162.3	2.59	0.03	Not required
Ant3		1.295	1.295	5mm	-1.8	79	-2.98				
No.21 Band	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	1.296	1.296	5mm	-42	-78.3	-2.9	155.6	2.59	0.03	Not required
Ant4		1.297	1.297	5mm	-40.5	77.3	-3.18				
No.22 Band	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	1.296	1.296	5mm	-42	-78.3	-2.9	160.3	2.59	0.03	Not required
Ant6		1.298	1.298	5mm	-12	79.2	-3.1				
No.23 Band	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	1.296	1.296	5mm	15.4	-82.6	-29.5	161.1	2.59	0.03	Not required



FCC SAR Test Report

Report No. : FA5N1310

Ant8		1.298	1.298	5mm	20.4	76.2	-2.85				
No.24 Band	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	1.296	1.296	5mm	-35.1	-79.8	-2.92	151.6	1.60	0.01	Not required
Ant11		0.303	0.303	5mm	7	65.8	-2.95				
No.25 Band	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	1.296	1.296	5mm	15.4	-82.6	-29.5	153.7	2.60	0.03	Not required
Ant7+11		1.301	1.301	5mm	13.2	68.8	-2.95				
No.26 Band	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	1.296	1.296	5mm	-42	-78.3	-2.9	165.8	2.37	0.02	Not required
Ant6+1		1.071	1.071	5mm	8.8	79.5	-3.11				
No.27 Band	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				
Ant2	Back	1.300	1.300	5mm	7.6	-79	-2.73	158.0	2.60	0.03	Not required
Ant3		1.295	1.295	5mm	0.2	78.8	-2.96				
No.28 Band	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				
Ant2	Back	1.300	1.300	5mm	7.6	-79	-2.73	163.5	2.60	0.03	Not required
Ant4		1.297	1.297	5mm	-40.5	77.3	-3.18				
No.29 Band	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				
Ant2	Back	1.300	1.300	5mm	7.6	-79	-2.73	158.8	2.60	0.03	Not required
Ant6		1.298	1.298	5mm	-5.6	79.2	-3.1				
No.30 Band	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				
Ant2	Back	1.300	1.300	5mm	7.6	-79	-2.73	155.7	2.60	0.03	Not required
Ant8		1.298	1.298	5mm	20.4	76.2	-2.85				
No.31 Band	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				
Ant2	Back	1.300	1.300	5mm	7.6	-79	-2.73	144.8	1.60	0.01	Not required
Ant11		0.303	0.303	5mm	7	65.8	-2.95				
No.32 Band	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				
Ant2	Back	1.300	1.300	5mm	7.6	-79	-2.73	147.9	2.60	0.03	Not required
Ant7+11		1.301	1.301	5mm	13.2	68.8	-2.95				
No.33 Band	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				
Ant2	Back	1.300	1.300	5mm	7.6	-79	-2.73	158.5	2.37	0.02	Not required
Ant6+1		1.071	1.071	5mm	8.8	79.5	-3.11				



Body

No.1 Band	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	Right Side	1.286	1.286	0mm	-14.4	40.6	-4.11	93.8	2.57	0.04	Not required
Ant4		1.284	1.284	0mm	-8.4	-53	-4.06				
No.2 Band	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	Right Side	1.286	1.286	0mm	-14.4	40.6	-4.11	101.9	2.34	0.04	Not required
Ant6		1.056	1.056	0mm	-10	-61.2	-4.1				
No.3 Band	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	Right Side	1.286	1.286	0mm	-14.4	40.6	-4.11	111.8	1.95	0.02	Not required
BT Ant7		0.665	0.665	0mm	-9.5	-71.1	-4.28				
No.25 Band	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	Right Side	1.286	1.286	0mm	-14.4	40.6	-4.11	100.8	1.95	0.03	Not required
WLAN5GHz Ant6+1		0.665	0.665	0mm	-20	-60	-4.13				
No.4 Band	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	Right Side	1.286	1.286	0mm	-14.4	40.6	-4.11	94.3	1.66	0.02	Not required
WLAN2.4GHz Ant7+11		0.374	0.374	0mm	-10	-53.6	-4.2				

No.5 Band	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	1.294	1.294	0mm	-60	-54.2	0.4	135.9	2.59	0.03	Not required
Ant3		1.298	1.298	0mm	-29.4	78.2	-2.4				
Ant0	Back	1.294	1.294	0mm	-60	-54.2	0.4	51.4	1.33	0.03	Not required
NFC		0.033	0.033	0mm	-21.3	-20.6	-3.9				
Ant3	Back	1.298	1.298	0mm	-29.4	78.2	-2.4	99.1	1.33	0.02	Not required
NFC		0.033	0.033	0mm	-21.3	-20.6	-3.9				
No.6 Band	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	1.294	1.294	0mm	-64.4	-53.4	-3.9	94.6	2.59	0.04	Not required
Ant4		1.294	1.294	0mm	-78.2	40.2	-2.8				
Ant0	Back	1.294	1.294	0mm	-64.4	-53.4	-3.9	54.2	1.33	0.03	Not required
NFC		0.033	0.033	0mm	-21.3	-20.6	-3.9				
Ant4	Back	1.294	1.294	0mm	-78.2	40.2	-2.8	83.3	1.33	0.02	Not required
NFC		0.033	0.033	0mm	-21.3	-20.6	-3.9				
No.7 Band	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	1.294	1.294	0mm	-64.4	-53.4	-3.9	125.0	2.59	0.03	Not required
Ant6		1.295	1.295	0mm	-57.6	71.4	-2.3				
Ant0	Back	1.294	1.294	0mm	-64.4	-53.4	-3.9	54.2	1.33	0.03	Not required
NFC		0.033	0.033	0mm	-21.3	-20.6	-3.9				
Ant6	Back	1.295	1.295	0mm	-57.6	81.4	-2.3	108.3	1.33	0.01	Not required
NFC		0.033	0.033	0mm	-21.3	-20.6	-3.9				
No.8 Band	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	1.294	1.294	0mm	-64.4	-53.4	-3.9	135.5	2.24	0.02	Not required
Ant7		0.942	0.942	0mm	-80	81.2	-6.3				
Ant0	Back	1.294	1.294	0mm	-64.4	-53.4	-3.9	54.2	1.33	0.03	Not required
NFC		0.033	0.033	0mm	-21.3	-20.6	-3.9				
Ant7	Back	0.942	0.942	0mm	-80	81.2	-6.3	117.5	0.98	0.01	Not required



FCC SAR Test Report

Report No. : FA5N1310

NFC		0.033	0.033	0mm	-21.3	-20.6	-3.9				
No.9 Band	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	1.294	1.294	0mm	-60	-54.2	0.4	137.0	2.58	0.03	Not required
Ant8		1.287	1.287	0mm	-21	77.1	-2				
Ant0	Back	1.294	1.294	0mm	-60	-54.2	0.4	51.4	1.33	0.03	Not required
NFC		0.033	0.033	0mm	-21.3	-20.6	-3.9				
Ant8	Back	1.287	1.287	0mm	-21	77.1	-2	97.7	1.32	0.02	Not required
NFC		0.033	0.033	0mm	-21.3	-20.6	-3.9				
No.10 Band	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	1.294	1.294	0mm	-60	-54.2	0.4	117.4	2.52	0.03	Not required
Ant11		1.224	1.224	0mm	-32	59.6	-7.05				
Ant0	Back	1.294	1.294	0mm	-60	-54.2	0.4	51.4	1.33	0.03	Not required
NFC		0.033	0.033	0mm	-21.3	-20.6	-3.9				
Ant11	Back	1.224	1.224	0mm	-32	59.6	-7.05	81.0	1.26	0.02	Not required
NFC		0.033	0.033	0mm	-21.3	-20.6	-3.9				
No.11 Band	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	1.294	1.294	0mm	-64.4	-53.4	-3.9	96.5	2.41	0.04	Not required
Ant6+1		1.116	1.116	0mm	-62.5	43	-6.81				
Ant0	Back	1.294	1.294	0mm	-64.4	-53.4	-3.9	54.2	1.33	0.03	Not required
NFC		0.033	0.033	0mm	-21.3	-20.6	-3.9				
Ant6+1	Back	1.116	1.116	0mm	-62.5	43	-6.81	75.8	1.15	0.02	Not required
NFC		0.033	0.033	0mm	-21.3	-20.6	-3.9				
No.12 Band	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	1.294	1.294	0mm	-60	-54.2	0.4	119.8	2.67	0.04	Not required
Ant7+11		1.380	1.380	0mm	-31.2	61.8	-7.11				
Ant0	Back	1.294	1.294	0mm	-60	-54.2	0.4	51.4	1.33	0.03	Not required
NFC		0.033	0.033	0mm	-21.3	-20.6	-3.9				
Ant7+11	Back	1.380	1.380	0mm	-31.2	61.8	-7.11	83.1	1.41	0.02	Not required
NFC		0.033	0.033	0mm	-21.3	-20.6	-3.9				
No.13 Band	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				
Ant2	Back	1.299	1.299	0mm	-18.7	-72.6	-3.5	151.2	2.60	0.03	Not required
Ant3		1.298	1.298	0mm	-29.4	78.2	-2.4				
Ant2	Back	1.299	1.299	0mm	-18.7	-72.6	-3.5	52.1	1.33	0.03	Not required
NFC		0.033	0.033	0mm	-21.3	-20.6	-3.9				
Ant3	Back	1.298	1.298	0mm	-29.4	78.2	-2.4	99.1	1.33	0.02	Not required
NFC		0.033	0.033	0mm	-21.3	-20.6	-3.9				
No.14 Band	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				
Ant2	Back	1.299	1.299	0mm	-18.7	-72.6	-3.5	124.3	2.59	0.03	Not required
Ant4		1.294	1.294	0mm	-64.2	43.1	-1.8				
Ant2	Back	1.299	1.299	0mm	-18.7	-72.6	-3.5	52.1	1.33	0.03	Not required
NFC		0.033	0.033	0mm	-21.3	-20.6	-3.9				
Ant4	Back	1.294	1.294	0mm	-64.2	43.1	-1.8	76.8	1.33	0.02	Not required
NFC		0.033	0.033	0mm	-21.3	-20.6	-3.9				
No.15 Band	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				
Ant2	Back	1.299	1.299	0mm	-18.7	-72.6	-3.5	148.9	2.59	0.03	Not required
Ant6		1.295	1.295	0mm	-55.2	71.7	-1.9				



FCC SAR Test Report

Report No. : FA5N1310

Ant2	Back	1.299	1.299	0mm	-18.7	-72.6	-3.5	52.1	1.33	0.03	Not required
NFC		0.033	0.033	0mm	-21.3	-20.6	-3.9				
Ant6	Back	1.295	1.295	0mm	-55.2	71.7	-1.9	98.3	1.33	0.02	Not required
NFC		0.033	0.033	0mm	-21.3	-20.6	-3.9				
No.16 Band	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				
Ant2	Back	1.299	1.299	0mm	-18.7	-72.6	-3.5	165.6	2.24	0.02	Not required
Ant7		0.942	0.942	0mm	-80	81.2	-6.3				
Ant2	Back	1.299	1.299	0mm	-18.7	-72.6	-3.5	52.1	1.33	0.03	Not required
NFC		0.033	0.033	0mm	-21.3	-20.6	-3.9				
Ant7	Back	0.942	0.942	0mm	-80	81.2	-6.3	117.5	0.98	0.01	Not required
NFC		0.033	0.033	0mm	-21.3	-20.6	-3.9				
No.17 Band	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				
Ant2	Back	1.299	1.299	0mm	-18.7	-72.6	-3.5	149.7	2.59	0.03	Not required
Ant8		1.287	1.287	0mm	-21	77.1	-2				
Ant2	Back	1.299	1.299	0mm	-18.7	-72.6	-3.5	52.1	1.33	0.03	Not required
NFC		0.033	0.033	0mm	-21.3	-20.6	-3.9				
Ant8	Back	1.287	1.287	0mm	-21	77.1	-2	97.7	1.32	0.02	Not required
NFC		0.033	0.033	0mm	-21.3	-20.6	-3.9				
No.18 Band	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				
Ant2	Back	1.299	1.299	0mm	-18.7	-72.6	-3.5	132.9	2.52	0.03	Not required
Ant11		1.224	1.224	0mm	-32	59.6	-7.05				
Ant2	Back	1.299	1.299	0mm	-18.7	-72.6	-3.5	52.1	1.33	0.03	Not required
NFC		0.033	0.033	0mm	-21.3	-20.6	-3.9				
Ant11	Back	1.224	1.224	0mm	-32	59.6	-7.05	81.0	1.26	0.02	Not required
NFC		0.033	0.033	0mm	-21.3	-20.6	-3.9				
No.19 Band	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				
Ant2	Back	1.299	1.299	0mm	-18.7	-72.6	-3.5	123.7	2.42	0.03	Not required
Ant6+1		1.116	1.116	0mm	-62.5	43	-6.81				
Ant2	Back	1.299	1.299	0mm	-18.7	-72.6	-3.5	52.1	1.33	0.03	Not required
NFC		0.033	0.033	0mm	-21.3	-20.6	-3.9				
Ant6+1	Back	1.116	1.116	0mm	-62.5	43	-6.81	75.8	1.15	0.02	Not required
NFC		0.033	0.033	0mm	-21.3	-20.6	-3.9				
No.20 Band	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				
Ant2	Back	1.299	1.299	0mm	-18.7	-72.6	-3.5	135.0	2.68	0.03	Not required
Ant7+11		1.380	1.380	0mm	-31.2	61.8	-7.11				
Ant2	Back	1.299	1.299	0mm	-18.7	-72.6	-3.5	52.1	1.33	0.03	Not required
NFC		0.033	0.033	0mm	-21.3	-20.6	-3.9				
Ant7+11	Back	1.380	1.380	0mm	-31.2	61.8	-7.11	83.1	1.41	0.02	Not required
NFC		0.033	0.033	0mm	-21.3	-20.6	-3.9				



Extremity

No.34 Band	Position	SAR 10g 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	3.178	3.178	0mm	15.4	-82.6	-29.5	164.3	6.38	0.10	Not required
Ant3		3.205	3.205	0mm	0.2	78.8	-2.96				
Ant0	Back	3.178	3.178	0mm	-36.5	-82.2	-2.96	58.8	3.19	0.10	Not required
NFC		0.012	0.012	0mm	-14.6	-27.6	-3.22				
Ant3	Back	3.205	3.205	0mm	0.2	78.8	-2.96	107.4	3.22	0.05	Not required
NFC		0.012	0.012	0mm	-14.6	-27.6	-3.22				
No.35 Band	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	3.178	3.178	0mm	-40.4	-81.4	-2.89	158.7	6.33	0.10	Not required
Ant4		3.154	3.154	0mm	-40.5	77.3	-3.18				
Ant0	Back	3.178	3.178	0mm	-36.5	-82.2	-2.96	58.8	3.19	0.10	Not required
NFC		0.012	0.012	0mm	-14.6	-27.6	-3.22				
Ant4	Back	3.154	3.154	0mm	-40.5	77.3	-3.18	108.1	3.17	0.05	Not required
NFC		0.012	0.012	0mm	-14.6	-27.6	-3.22				
No.36 Band	Position	SAR 10g 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	3.178	3.178	0mm	-40.4	-81.4	-2.89	163.1	6.38	0.10	Not required
Ant6		3.204	3.204	0mm	-12	79.2	-3.1				
Ant0	Back	3.178	3.178	0mm	-36.5	-82.2	-2.96	58.8	3.19	0.10	Not required
NFC		0.012	0.012	0mm	-14.6	-27.6	-3.22				
Ant6	Back	3.204	3.204	0mm	-12	79.2	-3.1	106.8	3.22	0.05	Not required
NFC		0.012	0.012	0mm	-14.6	-27.6	-3.22				
No.37 Band	Position	SAR 10g 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	3.178	3.178	0mm	15.4	-82.6	-29.5	161.1	6.34	0.10	Not required
Ant8		3.165	3.165	0mm	20.4	76.2	-2.85				
Ant0	Back	3.178	3.178	0mm	-36.5	-82.2	-2.96	58.8	3.19	0.10	Not required
NFC		0.012	0.012	0mm	-14.6	-27.6	-3.22				
Ant8	Back	3.165	3.165	0mm	20.4	76.2	-2.85	109.5	3.18	0.05	Not required
NFC		0.012	0.012	0mm	-14.6	-27.6	-3.22				
No.38 Band	Position	SAR 10g 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	3.178	3.178	0mm	15.4	-82.6	-29.5	153.7	5.34	0.08	Not required
Ant7+11		2.162	2.162	0mm	13.2	68.8	-2.95				
Ant0	Back	3.178	3.178	0mm	-36.5	-82.2	-2.96	58.8	3.19	0.10	Not required
NFC		0.012	0.012	0mm	-14.6	-27.6	-3.22				
Ant7+11	Back	2.162	2.162	0mm	13.2	68.8	-2.95	100.3	2.17	0.03	Not required
NFC		0.012	0.012	0mm	-14.6	-27.6	-3.22				
No.39 Band	Position	SAR 10g 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	3.178	3.178	0mm	15.4	-82.6	-29.5	164.4	6.16	0.09	Not required
Ant6+1		2.984	2.984	0mm	8.8	79.5	-3.11				
Ant0	Back	3.178	3.178	0mm	-36.5	-82.2	-2.96	58.8	3.19	0.10	Not required
NFC		0.012	0.012	0mm	-14.6	-27.6	-3.22				
Ant6+1	Back	2.984	2.984	0mm	8.8	79.5	-3.11	109.6	3.00	0.05	Not required
NFC		0.012	0.012	0mm	-14.6	-27.6	-3.22				
No.40 Band	Position	SAR 10g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				



FCC SAR Test Report

Report No. : FA5N1310

Ant2	Back	3.234	3.234	0mm	7.6	-79	-2.73	158.0	6.44	0.10	Not required
Ant3		3.205	3.205	0mm	0.2	78.8	-2.96				
Ant2	Back	3.234	3.234	0mm	7.6	-79	-2.73	56.0	3.25	0.10	Not required
NFC		0.012	0.012	0mm	-14.6	-27.6	-3.22				
Ant3	Back	3.205	3.205	0mm	0.2	78.8	-2.96	107.4	3.22	0.05	Not required
NFC		0.012	0.012	0mm	-14.6	-27.6	-3.22				
No.41 Band	Position	SAR 10g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant2	Back	3.234	3.234	0mm	7.6	-79	-2.73	163.5	6.39	0.10	Not required
Ant4		3.154	3.154	0mm	-40.5	77.3	-3.18				
Ant2	Back	3.234	3.234	0mm	7.6	-79	-2.73	56.0	3.25	0.10	Not required
NFC		0.012	0.012	0mm	-14.6	-27.6	-3.22				
Ant4	Back	3.154	3.154	0mm	-40.5	77.3	-3.18	108.1	3.17	0.05	Not required
NFC		0.012	0.012	0mm	-14.6	-27.6	-3.22				
No.42 Band	Position	SAR 10g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant2	Back	3.234	3.234	0mm	7.6	-79	-2.73	158.8	6.44	0.10	Not required
Ant6		3.204	3.204	0mm	-5.6	79.2	-3.1				
Ant2	Back	3.234	3.234	0mm	7.6	-79	-2.73	56.0	3.25	0.10	Not required
NFC		0.012	0.012	0mm	-14.6	-27.6	-3.22				
Ant6	Back	3.204	3.204	0mm	-5.6	79.2	-3.1	107.2	3.22	0.05	Not required
NFC		0.012	0.012	0mm	-14.6	-27.6	-3.22				
No.43 Band	Position	SAR 10g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant2	Back	3.234	3.234	0mm	7.6	-79	-2.73	155.7	6.40	0.10	Not required
Ant8		3.165	3.165	0mm	20.4	76.2	-2.85				
Ant2	Back	3.234	3.234	0mm	7.6	-79	-2.73	56.0	3.25	0.10	Not required
NFC		0.012	0.012	0mm	-14.6	-27.6	-3.22				
Ant8	Back	3.165	3.165	0mm	20.4	76.2	-2.85	109.5	3.18	0.05	Not required
NFC		0.012	0.012	0mm	-14.6	-27.6	-3.22				
No.44 Band	Position	SAR 10g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant2	Back	3.234	3.234	0mm	7.6	-79	-2.73	147.9	5.40	0.08	Not required
Ant7+11		2.162	2.162	0mm	13.2	68.8	-2.95				
Ant2	Back	3.234	3.234	0mm	7.6	-79	-2.73	56.0	3.25	0.10	Not required
NFC		0.012	0.012	0mm	-14.6	-27.6	-3.22				
Ant7+11	Back	2.162	2.162	0mm	13.2	68.8	-2.95	100.3	2.17	0.03	Not required
NFC		0.012	0.012	0mm	-14.6	-27.6	-3.22				
No.45 Band	Position	SAR 10g SAR (W/kg)	Summed	Gap	SAR peak location (mm)			3D distance (mm)	Summed SAR (W/kg)	SPLSR Results	Simultaneous SAR
					X	Y	Z				
Ant2	Back	3.234	3.234	0mm	7.6	-79	-2.73	158.5	6.22	0.10	Not required
Ant6+1		2.984	2.984	0mm	8.8	79.5	-3.11				
Ant2	Back	3.234	3.234	0mm	7.6	-79	-2.73	56.0	3.25	0.10	Not required
NFC		0.012	0.012	0mm	-14.6	-27.6	-3.22				
Ant6+1	Back	2.984	2.984	0mm	8.8	79.5	-3.11	109.6	3.00	0.05	Not required
NFC		0.012	0.012	0mm	-14.6	-27.6	-3.22				
No.46 Band	Position	SAR 10g 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	2.161	2.161	0mm	-4.5	58.8	-3.2	116.9	5.06	0.10	Not required
Ant4		2.899	2.899	0mm	-9	-58	-3.11				



17.9 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 (x, y, z) evaluation is mm.

Hotspot

Front											
Band		Ant0			Ant3			Ant4			Ant7+11
GSM850	SAR (W/kg)	0.376									
	Axis	19.2	-85.2	2.60							
GSM1900	SAR (W/kg)				0.309			0.172			
	Axis				1.1	80.5	-2.51	37.6	78.3	-3.18	
WCDMA II	SAR (W/kg)				0.307			0.290			
	Axis				1.1	81.7	-2.51	36.9	76.9	-3.29	
WCDMA IV	SAR (W/kg)				0.148			0.200			
	Axis				0.6	80.1	-2.51	41.1	77.4	-3.11	
WCDMA V	SAR (W/kg)	0.425									
	Axis	21.8	-86.3	2.50							
LTE Band 7	SAR (W/kg)	0.608			0.479			0.132			
	Axis	23.2	-85.9	2.32	0.9	78.6	-2.51	38.3	78.4	-3.06	
LTE Band 12(17)	SAR (W/kg)	0.438									
	Axis	19.6	-86.7	1.48							
LTE Band 13	SAR (W/kg)	0.348									
	Axis	23.8	-87.8	2.40							
LTE Band 14	SAR (W/kg)	0.423									
	Axis	21.5	-89.5	1.65							
LTE Band 25(2)	SAR (W/kg)	0.186			0.318			0.392			
	Axis	20.8	-87.7	1.80	1.5	79.2	-2.96	39.1	78.8	-3.09	
LTE Band 26(5)	SAR (W/kg)	0.505									
	Axis	24.1	-86.2	1.90							
LTE Band 30	SAR (W/kg)	0.624			0.502			0.166			
	Axis	19.3	-89.9	1.40	0.6	78.5	-2.96	38.4	79.6	-3.19	
LTE Band 66(4)	SAR (W/kg)	0.089			0.116			0.243			
	Axis	20.4	-86.4	3.00	1.9	78.8	-2.54	37.7	78.2	-3.08	
LTE Band 71	SAR (W/kg)	0.321									
	Axis	20.2	-87.0	2.64							
LTE Band 41	SAR (W/kg)	0.375			0.523			0.120			
	Axis	22.1	-87.2	2.92	1.8	79.4	-2.61	38.6	78.6	-3.19	
LTE Band 42	SAR (W/kg)							0.075			
	Axis							38.1	80.9	-3.11	
LTE Band 43	SAR (W/kg)							0.087			
	Axis							36.5	80.2	-2.95	
LTE Band 48	SAR (W/kg)							0.092			
	Axis							37.9	81.1	-3.21	
FR1 n7	SAR (W/kg)	0.685			0.475			0.120			
	Axis	21.6	-86.0	2.89	2.5	80.1	-2.83	39.2	81.4	-2.88	
FR1 n12	SAR (W/kg)	0.306									
	Axis	20.8	-89.5	2.70							
FR1 n13	SAR (W/kg)	0.153									
	Axis	21.0	-88.2	3.00							
FR1 n14	SAR (W/kg)	0.286									
	Axis	20.6	-82.5	2.89							
FR1 n25(2)	SAR (W/kg)				0.306						



FCC SAR Test Report

Report No. : FA5N1310

	Axis				2.9	78.9	-2.88						
FR1 n26(5)	SAR (W/kg)	0.345											
	Axis	23.8	-82.8	1.78									
FR1 n30	SAR (W/kg)	0.202			0.493			0.136					
	Axis	22.6	-85.9	1.23	1.4	79.6	-2.74	39.6	79.9	-3.01			
FR1 n66(4)	SAR (W/kg)				0.298								
	Axis				3.2	81.5	-2.86						
FR1 n70	SAR (W/kg)				0.316								
	Axis				2.8	82.6	-2.91						
FR1 n71	SAR (W/kg)	0.228											
	Axis	20.6	-83.6	1.53									
FR1 n41(38)	SAR (W/kg)	1.204			0.537			0.135					
	Axis	20.3	-86.3	1.79	3.7	80.9	-2.93	40.2	82.5	-3.03			
FR1 n48	SAR (W/kg)							0.107					
	Axis							38.3	84.8	-3.03			
FR1 n77(78)	SAR (W/kg)							0.169					
	Axis							39.9	85.1	-3.03			
WLAN2.GHz	SAR (W/kg)							0.393					
	Axis							-14.1	69.2	-3.05			

Back													
Band		Ant0			Ant2			Ant3			Ant4		
GSM850	SAR (W/kg)	0.926											
	Axis	-36.5	-83.7	-3.15									
GSM1900	SAR (W/kg)				1.295			0.593					
	Axis				-2.7	81.0	-2.96	-38.9	78.8	-3.18			
WCDMA II	SAR (W/kg)				1.287			1.239					
	Axis				-2.8	81.0	-2.96	-40.5	77.3	-3.18			
WCDMA IV	SAR (W/kg)				1.278			1.292					
	Axis				-2.9	80.9	-2.98	-40.7	78.2	-3.18			
WCDMA V	SAR (W/kg)	1.249											
	Axis	-36.5	-82.2	-2.96									
LTE Band 7	SAR (W/kg)	0.652			1.274			1.194			1.098		
	Axis	15.4	-82.6	-29.50	15.1	-82.8	-2.88	-0.8	79.0	-2.95	-41.2	78.4	-3.13
LTE Band 12(17)	SAR (W/kg)	1.089											
	Axis	-36.5	-86.9	-2.93									
LTE Band 13	SAR (W/kg)	0.828											
	Axis	-36.5	-85.3	-2.94									
LTE Band 14	SAR (W/kg)	1.033											
	Axis	-40.4	-81.4	-2.88									
LTE Band 25(2)	SAR (W/kg)	0.782			1.14			1.29			1.276		
	Axis	-42.5	-88.5	-2.95	19.3	-83.3	-2.90	-1.2	79.7	-2.95	-40.4	78.1	-3.14
LTE Band 26(5)	SAR (W/kg)	1.244											
	Axis	-40.4	-81.4	-2.89									
LTE Band 30	SAR (W/kg)	1.277			1.274			1.185			1.288		
	Axis	-31.6	-88.8	-3.01	15.2	-84.6	-2.95	0.2	78.8	-2.96	-41.0	80.6	-3.16
LTE Band 66(4)	SAR (W/kg)	0.712			1.08			1.286			1.29		
	Axis	-42.1	-85.6	-2.83	20.8	-83.3	-2.93	-2.9	79.6	-2.96	-41.0	78.6	-3.13
LTE Band 71	SAR (W/kg)	0.701											
	Axis	-33.4	-84.6	-3.02									
LTE Band 41	SAR (W/kg)	0.859			1.183			1.215			1.292		
	Axis	-29.8	-84.6	-3.02	14.8	-83.4	-2.93	-1.8	79.0	-2.98	-41.2	79.2	-3.17
LTE Band 42	SAR (W/kg)				1.294						1.221		
	Axis										1.13	1.295	

[illegible]

Right Side									
Band		Ant0			Ant4			Ant6+1	
GSM850	SAR (W/kg)	0.622							
	Axis	-4.5	59.2	-3.2					
GSM1900	SAR (W/kg)				0.591				
	Axis				-11.3	-66.1	-5.3		
WCDMA II	SAR (W/kg)				1.274				
	Axis				-8.3	-59.6	-3.7		
WCDMA IV	SAR (W/kg)				1.021				
	Axis				-10.3	-67.2	-1.1		
WCDMA V	SAR (W/kg)	0.849							
	Axis	-6.5	59.5	-3.1					
LTE Band 7	SAR (W/kg)	1.276			1.273				
	Axis	-4.5	58.8	-3.2	-7.6	-66.7	-3.8		
LTE Band 12(17)	SAR (W/kg)	1.165							



FCC SAR Test Report

Report No. : FA5N1310

	Axis	-8.2	60.2	-3.2						
LTE Band 13	SAR (W/kg)	0.887								
	Axis	-7.0	61.4	-3.1						
LTE Band 14	SAR (W/kg)	1.017								
	Axis	-5.0	60.3	-3.2						
LTE Band 25(2)	SAR (W/kg)	1.292			1.197					
	Axis	-10.5	68.4	-3.1	-9.0	-58.0	-3.1			
LTE Band 26(5)	SAR (W/kg)	1.018								
	Axis	-4.5	60.5	-3.1						
LTE Band 30	SAR (W/kg)	0.595			1.245					
	Axis	-7.7	58.8	-3.1	-8.7	-65.4	-1.3			
LTE Band 66(4)	SAR (W/kg)	1.295			1.157					
	Axis	-10.5	65.3	-3.1	-9.6	-65.5	-2.9			
LTE Band 71	SAR (W/kg)	1.068								
	Axis	-6.8	62.2	-3.1						
LTE Band 41	SAR (W/kg)	1.294			1.207					
	Axis	-6.2	59.0	-3.2	-8.0	-67.1	-3.0			
LTE Band 42	SAR (W/kg)				0.657					
	Axis				-6.8	-65.9	-1.7			
LTE Band 43	SAR (W/kg)				0.53					
	Axis				-0.9	-59.6	-3.3			
LTE Band 48	SAR (W/kg)				0.721					
	Axis				-2.2	-62.6	-2.1			
FR1 n7	SAR (W/kg)	1.282			1.194					
	Axis	-5.7	59.1	-3.1	-8.0	-64.7	-4.7			
FR1 n12	SAR (W/kg)	0.895								
	Axis	-1.8	63.4	-3.1						
FR1 n13	SAR (W/kg)	0.463								
	Axis	-5.4	64.1	-3.1						
FR1 n14	SAR (W/kg)	0.745								
	Axis	-1.1	61.7	-3.3						
FR1 n26(5)	SAR (W/kg)	0.79								
	Axis	-4.8	65.5	-3.2						
FR1 n30	SAR (W/kg)	0.056			0.956					
	Axis	-1.7	58.9	-3.1	-8.5	-62.3	-1.4			
FR1 n71	SAR (W/kg)	0.782								
	Axis	-0.9	59.4	-3.3						
FR1 n41(38)	SAR (W/kg)	0.571			1.173					
	Axis	-2.7	59.8	-3.1	-6.8	-62.9	-1.8			
FR1 n48	SAR (W/kg)				0.44					
	Axis				-2.0	-60.3	-1.0			
FR1 n77(78)	SAR (W/kg)				0.741					
	Axis				-1.4	-65.2	-1.4			
WLAN5GHz	SAR (W/kg)							0.51		
	Axis							1.1	-71.1	-3.2



Body-worn

Front							
Band		Ant0			Ant3		
GSM850	SAR (W/kg)	0.376					
	Axis	19.2	-85.2	2.6			
GSM1900	SAR (W/kg)				0.309		
	Axis				1.1	80.5	-2.5
WCDMA II	SAR (W/kg)				0.307		
	Axis				1.1	81.7	-2.5
WCDMA IV	SAR (W/kg)				0.148		
	Axis				0.6	80.1	-2.5
WCDMA V	SAR (W/kg)	0.425					
	Axis	21.8	-86.3	2.5			
LTE Band 7	SAR (W/kg)	1.155			0.513		
	Axis	23.2	-85.9	2.3	0.9	78.6	-2.5
LTE Band 12(17)	SAR (W/kg)	0.38					
	Axis	19.6	-86.7	1.5			
LTE Band 13	SAR (W/kg)	0.338					
	Axis	23.8	-87.8	2.4			
LTE Band 14	SAR (W/kg)	0.423					
	Axis	21.5	-89.5	1.7			
LTE Band 25(2)	SAR (W/kg)	0.298			0.318		
	Axis	20.8	-87.7	1.8	1.5	79.2	-3.0
LTE Band 26(5)	SAR (W/kg)	0.505					
	Axis	24.1	-86.2	1.9			
LTE Band 30	SAR (W/kg)	0.624			0.54		
	Axis	19.3	-89.9	1.4	0.6	78.5	-3.0
LTE Band 66(4)	SAR (W/kg)	0.139			0.116		
	Axis	20.4	-86.4	3.0	1.9	78.8	-2.5
LTE Band 71	SAR (W/kg)	0.34					
	Axis	20.2	-87.0	2.6			
LTE Band 41	SAR (W/kg)	0.545			0.548		
	Axis	22.1	-87.2	2.9	1.8	79.4	-2.6
FR1 n7	SAR (W/kg)	1.012			0.591		
	Axis	21.6	-86.0	2.9	2.5	80.1	-2.8
FR1 n12	SAR (W/kg)	0.264					
	Axis	20.8	-89.5	2.7			
FR1 n13	SAR (W/kg)	0.286					
	Axis	21.0	-88.2	3.0			
FR1 n14	SAR (W/kg)	0.287					
	Axis	20.6	-82.5	2.9			
FR1 n25(2)	SAR (W/kg)				0.362		
	Axis				2.9	78.9	-2.9
FR1 n26(5)	SAR (W/kg)	0.345					
	Axis	23.8	-82.8	1.8			
FR1 n30	SAR (W/kg)	0.202			0.595		
	Axis	22.6	-85.9	1.2	1.4	79.6	-2.7
FR1 n66(4)	SAR (W/kg)				0.328		
	Axis				3.2	81.5	-2.9
FR1 n70	SAR (W/kg)				0.345		
	Axis				2.8	82.6	-2.9
FR1 n71	SAR (W/kg)	0.238					
	Axis	20.6	-83.6	1.5			
FR1 n41(38)	SAR (W/kg)	1.058			0.735		
	Axis	20.3	-86.3	1.8	3.7	80.9	-2.9



Back																											
Band		Ant0			Ant2			Ant3			Ant4			Ant6			Ant8			Ant11			Ant7+11			Ant6+1	
GSM850	SAR (W/kg)	0.926																									
	Axis	-36.5	-83.7	-3.2																							
GSM1900	SAR (W/kg)							1.295			0.593																
	Axis							-2.7	81.0	-2.96	-38.9	78.8	-3.18														
WCDMA II	SAR (W/kg)							1.287			1.285																
	Axis							-2.8	81.0	-2.96	-40.5	77.3	-3.18														
WCDMA IV	SAR (W/kg)							1.278			1.292																
	Axis							-2.9	80.9	-2.98	-40.7	78.2	-3.18														
WCDMA V	SAR (W/kg)	1.249																									
	Axis	-36.5	-82.2	-2.96																							
LTE Band 7	SAR (W/kg)	1.191			1.274			1.274			1.29																
	Axis	15.4	-82.6	-29.50	15.1	-82.8	-2.88	-0.8	79.0	-2.95	-41.2	78.4	-3.13														
LTE Band 12(17)	SAR (W/kg)	0.946																									
	Axis	-36.5	-86.9	-2.93																							
LTE Band 13	SAR (W/kg)	0.806																									
	Axis	-36.5	-85.3	-2.94																							
LTE Band 14	SAR (W/kg)	1.033																									
	Axis	-40.4	-81.4	-2.88																							
LTE Band 25(2)	SAR (W/kg)	1.284			1.27			1.29			1.276																
	Axis	-42.5	-88.5	-2.95	19.3	-83.3	-2.90	-1.2	79.7	-2.95	-40.4	78.1	-3.14														
LTE Band 26(5)	SAR (W/kg)	1.244																									
	Axis	-40.4	-81.4	-2.89																							
LTE Band 30	SAR (W/kg)	1.277			1.274			1.275			1.288																
	Axis	-31.6	-88.8	-3.01	15.2	-84.6	-2.95	0.2	78.8	-2.96	-41.0	80.6	-3.16														
LTE Band 66(4)	SAR (W/kg)	1.296			1.276			1.286																			
	Axis	-42.1	-85.6	-2.83	20.8	-83.3	-2.93	-2.9	79.6	-2.96	-41.0	78.6	-3.13														
LTE Band 71	SAR (W/kg)	0.743																									
	Axis	-33.4	-84.6	-3.02																							
LTE Band 41	SAR (W/kg)	1.288			1.278			1.294			1.295																
	Axis	-29.8	-84.6	-3.02	14.8	-83.4	-2.93	-1.8	79.0	-2.98	-41.2	79.2	-3.17														
LTE Band 42	SAR (W/kg)				1.252						1.221			1.157			1.295										
	Axis				12.0	-88.0	-3.11				-41.1	81.2	-3.16	-8.8	86.0	-3.1	18.8	78.2	-3.0								
LTE Band 43	SAR (W/kg)				1.3						1.21			1.298			1.196										
	Axis				13.0	-89.0	-3.15				-41.2	80.9	-3.15	-12.0	79.2	-3.1	20.4	76.2	-2.9								
LTE Band 48	SAR (W/kg)				1.296						1.17			1.291			1.298										
	Axis				13.2	-82.6	-3.15				-41.0	81.5	-3.16	-5.6	79.2	-3.1	17.8	76.9	-3.0								
FR1 n7	SAR (W/kg)	1.202			1.295			1.28			1.28																
	Axis	-34.8	-88.4	-2.99	7.6	-79.8	-2.88	-1.1	79.1	-2.91	-40.6	81.8	-3.00														
FR1 n12	SAR (W/kg)	0.601																									
	Axis	-41.9	-82.9	-2.93																							
FR1 n13	SAR (W/kg)	0.703																									
	Axis	-43.5	-79.8	2.91																							
FR1 n14	SAR (W/kg)	0.768																									
	Axis	-42.0	-79.1	-2.90																							
FR1 n25(2)	SAR (W/kg)				1.272			1.284																			
	Axis				10.6	-81.1	-2.89	-1.2	79.8	-2.95																	
FR1 n26(5)	SAR (W/kg)	0.887																									
	Axis	-42.0	-78.3	-2.90																							

[illegible]

Body

Right Side									
Band		Ant0			Ant4			Ant6	
GSM850	SAR (W/kg)	1.285							
	Axis	-12.0	31.2	-5.0					
GSM1900	SAR (W/kg)				1.284				
	Axis				-6.5	-48.1	-4.1		
WCDMA II	SAR (W/kg)				1.065				
	Axis				-5.6	-46.9	-3.6		
WCDMA IV	SAR (W/kg)				0.88				
	Axis				-5.0	-51.2	-3.5		
WCDMA V	SAR (W/kg)	0.865							
	Axis	-8.0	32.3	-4.1					
LTE Band 7	SAR (W/kg)	0.413			0.975				
	Axis	-12.0	33.3	-4.5	-6.2	-51.3	-3.0		
LTE Band 12(17)	SAR (W/kg)	1.286							
	Axis	-9.6	31.6	-4.4					
LTE Band 13	SAR (W/kg)	1.283							
	Axis	-11.9	28.5	-4.5					
LTE Band 14	SAR (W/kg)	1.245							
	Axis	-9.6	33.2	-3.6					
LTE Band 25(2)	SAR (W/kg)	0.65			1.171				
	Axis	-12.0	31.8	-3.4	-7.0	-48.9	-4.0		
LTE Band 26(5)	SAR (W/kg)	1.28							
	Axis	-9.9	33.5	-3.3					
LTE Band 30	SAR (W/kg)	0.458			1.187				
	Axis	-9.7	41.2	-3.2	-5.3	-49.2	-4.2		
LTE Band 66(4)	SAR (W/kg)	1.047			1.119				
	Axis	-12.0	41.1	-3.0	-5.2	-51.2	-5.0		
LTE Band 71	SAR (W/kg)	1.272							



FCC SAR Test Report

Report No. : FA5N1310

LTE Band 41	Axis	-11.1	30.1	-4.5						
	SAR (W/kg)	0.337			0.905					
LTE Band 42	Axis	-9.0	32.3	-4.3	-5.1	-52.3	-4.2			
	SAR (W/kg)				0.711			0.597		
LTE Band 43	Axis				-5.9	-49.6	-4.4	-11.0	-63.2	-3.0
	SAR (W/kg)				0.44			0.709		
LTE Band 48	Axis				-5.0	-48.3	-3.8	-12.0	-62.5	-2.0
	SAR (W/kg)				0.398			0.589		
FR1 n7	Axis				-4.8	-49.2	-4.0	-10.8	-66.9	-3.0
	SAR (W/kg)	0.753			1.177					
FR1 n12	Axis	-18.0	68.0	-3.9	-12.4	-49.6	-3.9			
	SAR (W/kg)	0.863								
FR1 n13	Axis	-11.0	31.0	-4.0						
	SAR (W/kg)	0.85								
FR1 n14	Axis	-12.0	45.0	-3.6						
	SAR (W/kg)	0.827								
FR1 n26(5)	Axis	-13.0	33.0	-5.0						
	SAR (W/kg)	0.928								
FR1 n30	Axis	-14.4	25.6	-4.1						
	SAR (W/kg)	0.274			1.281					
FR1 n71	Axis	-12.8	69.6	-3.9	-8.4	-43.0	-4.1			
	SAR (W/kg)	0.864								
FR1 n41(38)	Axis	-10.0	53.2	-3.5						
	SAR (W/kg)	0.382			1.173					
FR1 n48	Axis	-11.0	48.3	-4.0	-11.2	-51.2	-3.9			
	SAR (W/kg)				0.85			1.056		
FR1 n77(78)	Axis				-13.6	-46.0	-3.8	-10.0	-61.2	-4.1
	SAR (W/kg)				0.55			1.077		
	Axis				-15.2	-47.6	-3.9	-9.6	-69.6	-3.8

WLAN2.4GHz Ant7+11	SAR (W/kg)	0.374		
	Axis	-10	-53.6	-4.2

BT Ant7	SAR (W/kg)	0.665		
	Axis	-9.5	-71.1	-4.28

WLAN5GHz Ant6+1	SAR (W/kg)	1.114								
	Axis	-20			-60			-4.13		

Back										
Band		Ant0			Ant2			Ant3		
GSM850	SAR (W/kg)	1.29								
	Axis	-68.6	-66.0	3.5						
GSM1900	SAR (W/kg)							1.21		
	Axis							-27.3	85.6	-5.4
WCDMA II	SAR (W/kg)							1.231		
	Axis							-30.4	82.3	-3.2
WCDMA IV	SAR (W/kg)							1.16		
	Axis							-26.8	82.7	-3.0
WCDMA V	SAR (W/kg)	1.234								
	Axis	-70.5	-59.6	-3.4						
LTE Band 7	SAR (W/kg)	1.032			1.293			1.174		
	Axis	-64.2	-62.5	-2.5	-21.0	-84.2	-1.4	-28.4	85.0	-5.2
LTE Band 12(17)	SAR (W/kg)	0.886								
	Axis	-61.2	-60.1	-5.4						
LTE Band 13	SAR (W/kg)	0.867								



FCC SAR Test Report

Report No. : FA5N1310

	Axis	-59.5	-58.9	-3.9															
LTE Band 14	SAR (W/kg)	1.288																	
	Axis	-59.9	-60.1	-4.1															
LTE Band 25(2)	SAR (W/kg)	1.29			1.298			1.298			1.274								
	Axis	-60.1	-68.1	-4.4	-19.0	-81.6	-2.5	-27.5	81.3	-1.4	-71.9	48.2	-4.1						
LTE Band 26(5)	SAR (W/kg)	1.293																	
	Axis	-56.7	-63.8	-0.7															
LTE Band 30	SAR (W/kg)	1.294			1.291			0.918			1.27								
	Axis	-58.7	-74.0	-3.2	-21.2	-79.5	-2.6	-26.1	84.1	-3.2	-72.8	47.4	-5.1						
LTE Band 66(4)	SAR (W/kg)	1.288			1.273			1.145			1.272								
	Axis	-60.0	-66.4	-2.4	-17.2	-81.4	-4.6	-29.6	84.1	-5.7	-73.7	43.4	-4.4						
LTE Band 71	SAR (W/kg)	1.041																	
	Axis	-54.3	-63.6	-0.5															
LTE Band 41	SAR (W/kg)	1.025			1.294			1.193			1.294								
	Axis	-57.0	-57.9	-2.1	-13.1	-79.5	-2.1	-31.8	81.1	-4.5	-78.2	40.2	-2.8						
LTE Band 42	SAR (W/kg)				1.299						1.281			1.295			1.204		
	Axis				-23.6	-81.4	-3.5				-75.5	48.0	-5.2	-55.2	71.7	-1.9	-21.0	77.1	-2.0
LTE Band 43	SAR (W/kg)				1.275						1.293			1.285			1.127		
	Axis				-25.0	-78.5	-5.0				-72.2	50.4	-4.4	-56.7	72.1	-3.3	-20.7	81.5	-1.5
LTE Band 48	SAR (W/kg)				1.295						1.287			1.286			1.128		
	Axis				-23.9	-79.8	-2.5				-69.3	44.3	-2.7	-54.1	74.5	-3.1	-20.9	81.7	-1.6
FR1 n7	SAR (W/kg)	1.258			0.838			1.292			1.288								
	Axis	-61.1	-70.2	-0.7	-17.7	-76.1	-1.1	-29.4	78.2	-2.4	-73.0	49.8	-1.5						
FR1 n12	SAR (W/kg)	1.289																	
	Axis	-62.2	-74.0	-1.3															
FR1 n13	SAR (W/kg)	1.279																	
	Axis	-64.4	-53.4	-3.9															
FR1 n14	SAR (W/kg)	1.282																	
	Axis	-60.0	-54.2	0.4															
FR1 n25(2)	SAR (W/kg)				1.292			1.296											
	Axis				-19.7	-73.8	-2.7	-31.2	83.5	-3.2									
FR1 n26(5)	SAR (W/kg)	1.289																	
	Axis	-56.3	-58.1	-2.3															
FR1 n30	SAR (W/kg)	1.287			1.277			1.278			1.28								
	Axis	-73.3	-75.3	-2.7	-20.9	-82.8	-3.5	-32.7	84.0	-3.0	-69.4	52.2	-2.5						
FR1 n66	SAR (W/kg)				1.282			1.275											
	Axis				-20.3	-84.0	-2.0	-33.1	81.8	-1.5									
FR1 n70	SAR (W/kg)				1.294			1.287											
	Axis				-17.9	-75.7	-1.8	-33.3	84.6	-2.4									
FR1 n71	SAR (W/kg)	0.733																	
	Axis	-66.2	-64.8	-8.1															
FR1 n41(38)	SAR (W/kg)	0.621			1.288			1.169			1.291								
	Axis	-71.9	-72.0	-4.1	-20.9	-78.4	-1.8	-30.4	81.5	-4.4	-74.6	53.1	-1.6						
FR1 n48	SAR (W/kg)				1.288						1.277			1.278			1.287		
	Axis				-18.7	-72.6	-3.5				-70.4	48.0	-1.5	-57.6	71.4	-2.3	-18.9	78.5	-1.5
FR1 n77(78)	SAR (W/kg)				1.222						1.276			1.146			0.715		
	Axis				-18.6	-82.3	-4.7				-71.5	45.8	-2.4	-62.1	75.4	-3.3	-18.7	79.6	-4.4

WLAN2.4GHz	SAR (W/kg)	1.38		
Ant7+11	Axis	-31.2	61.8	-7.11

BT	SAR (W/kg)	0.942		
Ant7	Axis	-80	81.2	-6.3

NFC	SAR (W/kg)	0.033		
	Axis	-21.3	-20.6	-3.9

WLAN5GHz	SAR (W/kg)	1.116		
Ant6+1	Axis	-62.5	43	-6.81

BT	SAR (W/kg)	1.224		
Ant11	Axis	-32	59.6	-7.05



WLAN6GHz Ant6+1	SAR (W/kg)	0.711		
	Axis	-62.2	47	-6.31

Extremity

Back																									
Band		Ant0			Ant2			Ant3			Ant4			Ant6			Ant8			Ant7+11			Ant6+1		
GSM850	SAR (W/kg)																								
	Axis																								
GSM1900	SAR (W/kg)							2.587																	
	Axis							-2.7	81.0	-2.96															
WCDMA II	SAR (W/kg)							3.152			3.105														
	Axis							-2.8	81.0	-2.96	-40.5	77.3	-3.18												
WCDMA IV	SAR (W/kg)							3.16			3.154														
	Axis							-2.9	80.9	-2.98	-40.7	78.2	-3.18												
WCDMA V	SAR (W/kg)	1.350																							
	Axis	-36.5	-82.2	-2.96																					
LTE Band 7	SAR (W/kg)	2.893			2.727			3.005			3.013														
	Axis	15.4	-82.6	-29.50	15.1	-82.8	-2.88	-0.8	79.0	-2.95	-41.2	78.4	-3.13												
LTE Band 12(17)	SAR (W/kg)																								
	Axis																								
LTE Band 13	SAR (W/kg)																								
	Axis																								
LTE Band 14	SAR (W/kg)																								
	Axis																								
LTE Band 25(2)	SAR (W/kg)	3.178			3.149			3.204			2.621														
	Axis	-42.5	-88.5	-2.95	19.3	-83.3	-2.90	-1.2	79.7	-2.95	-40.4	78.1	-3.14												
LTE Band 26(5)	SAR (W/kg)	1.637																							
	Axis	-40.4	-81.4	-2.89																					
LTE Band 30	SAR (W/kg)	2.580			3.204			2.408			2.61														
	Axis	-31.6	-88.8	-3.01	15.2	-84.6	-2.95	0.2	78.8	-2.96	-41.0	80.6	-3.16												
LTE Band 66(4)	SAR (W/kg)	2.694			3.152			3.158			2.648														
	Axis	-42.1	-85.6	-2.83	20.8	-83.3	-2.93	-2.9	79.6	-2.96	-41.0	78.6	-3.13												
LTE Band 71	SAR (W/kg)																								
	Axis																								
LTE Band 41	SAR (W/kg)				3.197			2.747			2.906														
	Axis				14.8	-83.4	-2.93	-1.8	79.0	-2.98	-41.2	79.2	-3.17												
LTE Band 42	SAR (W/kg)				3.184						2.849			2.856			3.096								
	Axis				12.0	-88.0	-3.11				-41.1	81.2	-3.16	-8.8	86.0	-3.1	18.8	78.2	-3.0						
LTE Band 43	SAR (W/kg)				3.234						2.21			2.346			2.966								
	Axis				13.0	-89.0	-3.15				-41.2	80.9	-3.15	-12.0	79.2	-3.1	20.4	76.2	-2.9						
LTE Band 48	SAR (W/kg)				3.210									2.228			2.883								
	Axis				13.2	-82.6	-3.15							-5.6	79.2	-3.1	17.8	76.9	-3.0						
FR1 n7	SAR (W/kg)	2.715			3.168			3.205			2.354														
	Axis	-34.8	-88.4	-2.99	7.6	-79.8	-2.88	-1.1	79.1	-2.91	-40.6	81.8	-3.00												
FR1 n12	SAR (W/kg)																								
	Axis																								
FR1 n13	SAR (W/kg)																								
	Axis																								
FR1 n14	SAR (W/kg)																								
	Axis																								

[illegible]

NFC	SAR (W/kg)	0.012		
	Axis	-14.6	-27.6	-3.22

Right Side							
Band		Ant0			Ant4		
WCDMA II	SAR (W/kg)				2.899		
	Axis				-8.3	-59.6	-3.7
WCDMA IV	SAR (W/kg)				2.402		
	Axis				-10.3	-67.2	-1.1
LTE Band 7	SAR (W/kg)	2.161			2.654		
	Axis	-4.5	58.8	-3.20	-7.6	-66.7	-3.8
LTE Band 25(2)	SAR (W/kg)	1.571			2.553		
	Axis	-10.5	68.4	-3.09	-9.0	-58.0	-3.1
LTE Band 30	SAR (W/kg)				2.267		
	Axis				-8.7	-65.4	-1.3
LTE Band 66(4)	SAR (W/kg)	1.868			2.42		
	Axis	-10.5	65.3	-3.09	-9.6	-65.5	-2.9
LTE Band 41	SAR (W/kg)	1.565			2.169		
	Axis	-6.2	59.0	-3.19	-8.0	-67.1	-3.0
FR1 n7	SAR (W/kg)	1.508			2.188		
	Axis	-5.7	59.1	-3.12	-8.0	-64.7	-4.7
FR1 n41(38)	SAR (W/kg)				2.368		
	Axis				-6.8	-62.9	-1.8
FR1 n48	SAR (W/kg)				1.106		
	Axis				-2.0	-60.3	-1.0
FR1 n77(78)	SAR (W/kg)				1.365		
	Axis				-1.4	-65.2	-1.4

18. Supplemental Tuner Tests Results

General Note:

1. This device implements impedance tuner antenna tuning techniques, and the number of supported tune codes is different for each frequency band as shown:
 - a. This device implements impedance tuner (144 states) antenna tuning techniques in the LTE Band 2/4/5/7/12/13/14/17/25/26/30/66/71 and 5GNR n5/7/12/13/14/26/30/70/71/38 for ANT0.
 - b. This device implements impedance tuner (144 states) antenna tuning techniques in the LTE Band 2/4/7/25/30/66/38/41 and 5GNR n2/7/25/30/66/70/38/41 for ANT2.
2. According to April 2015 TCB workshop, SAR test for overlapping LTE bands can be reduced, and 5GNR bands are similar to LTE bands:
 - a. LTE B17 / B5 / B4 / B2 / B38 SAR test was covered by LTE B12 / B26 / B66 / B25 / B41;
 - b. 5GNR n5 / n2 / n38 SAR test was covered by 5GNR n26 / n25 / n41;
3. The following test procedure was followed to demonstrate that the SAR results in this report represent the appropriate SAR test conditions. For bands with dynamic tuning implemented, SAR will be measured according to the required FCC SAR test procedures with the dynamic tuner active to allow the device to automatically tune to the antenna state for the respective RF exposure test configurations. Additional single point SAR time-sweep measurements will be evaluated for other tuner states to determine that the other tuner configurations would result in equivalent or lower SAR values.
4. The tuner state was established remotely through Wi-Fi so that the device is not moved for the entire series of single point SAR for the tuner states in each combination (band, mode, exposure conditions).
5. Per KDB388624 D02v18r08, for each air interface, exposure condition, and antenna that supports dynamic antenna tuning (DAT), the following procedure shall be followed:
 - 5.1 An area scan is performed with the DUT positioned for the exposure condition with auto-tuner enabled to determine the peak SAR location.
 - 5.2 A single-point SAR measurement (i.e., time sweep) is performed at the peak SAR location of step 5.1 (that is, with auto-tuner enabled). The auto-tuner state shall be recorded, after verifying that it is stable. If fluctuations occur, the scan procedure can be restarted, or the state with the highest SAR needs to be recorded.
 - 5.3 Without moving the probe, or introducing any other perturbation, the auto-tuner shall be disabled, and two other adjacent tune states shall be chosen by increasing and decreasing the state identification number by 1.
 - 5.4 A single point SAR measurement is then performed on both chosen adjacent states and compared with the value of step 5.2. The measured SAR for auto-tuner disabled is expected to be less than or equal to the recorded SAR of step 5.2.
 - a. If the measured SAR is higher beyond documented tolerance, then the auto-tuning feature is not working as intended and is not suitable for compliance. DAT functionality shall be removed or adjusted by the manufacturer.
 - b. If the measured SAR is higher than the value of step 5.2 but within tolerance, the next adjacent state(s) shall be chosen and the measure repeated until a lower SAR value can be shown; otherwise, the DAT is considered inoperative and shall be removed or adjusted by the manufacturer.
 - 5.5 Repeat step 5.2 with auto-tuning enabled as a test for variability within tolerance: the previous measured value in step 5.2 shall be recovered. If the measured SAR is outside the expected tolerance, then the auto-tuning feature is considered not working as intended and not suitable for compliance. DAT functionality shall be removed or adjusted by the manufacturer
6. SAR is measured according to required procedures for each mode of operation with the dynamic tuner active, allowing the DUT to automatically tune and find the best impedance match. The auto-tune state determined by device during normal SAR measurement shall be verified and listed in the reported SAR results. This process is based on single point SAR evaluations to verify that the conditions leading to the largest SAR have been captured. The SAR probe shall remain stationary for the entire series of measurements. The functionality of the tuner configurations is checked to ensure that the tuned state corresponds to the maximum SAR for that particular transmission configuration.
7. If any single-point SAR measurement result is 1.4 W/kg for 1gSAR or 3.5 W/kg for 10gSAR, then all tune states for that particular combination of air interface, exposure condition, and antenna selection shall be evaluated with single-point SAR measurements.
8. The operational decryption contains more information about the design and implementation of the dynamic antenna tuning.

18.1 Supplemental Tuner Head & Body SAR Results

Please refer to Appendix H.

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

19. Uncertainty Assessment

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

Declaration of Conformity:

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

Comments and Explanations:

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

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

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

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

Uncertainty Distributions	Normal	Rectangular	Triangular	U-Shape
Multi-plying Factor ^(a)	$1/k^{(b)}$	$1/\sqrt{3}$	$1/\sqrt{6}$	$1/\sqrt{2}$

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

(b) k is the coverage factor

Standard Uncertainty for Assumed Distribution

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

Expanded uncertainty is a measure of uncertainty that defines an interval about the measurement result within which the measured value is confidently believed to lie. It is obtained by multiplying the combined standard uncertainty by a coverage factor. Typically, the coverage factor ranges from 2 to 3. Using a coverage factor allows

the true value of a measured quantity to be specified with a defined probability within the specified uncertainty range. For purpose of this document, a coverage factor two is used, which corresponds to confidence interval of about 95 %. The DASY uncertainty Budget is shown in the following tables.

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

Uncertainty Budget According to IEC/IEEE 62209-1528 (Frequency band: 4 MHz - 10 GHz range)							
Error Description	Uncert. Value (±%)	Prob. Dist.	Div.	(Ci) 1g	(Ci) 10g	Standard Uncertainty (1g) (±%)	Standard Uncertainty (10g) (±%)
Measurement System errors							
Probe calibration	18.6	N	2	1	1	9.3	9.3
Probe calibration drift	1.7	R	1.732	1	1	1.0	1.0
Probe linearity and detection Limit	4.7	R	1.732	1	1	2.7	2.7
Broadband signal	2.8	R	1.732	1	1	1.6	1.6
Probe isotropy	7.6	R	1.732	1	1	4.4	4.4
Other probe and data acquisition errors	2.4	N	1	1	1	2.4	2.4
RF ambient and noise	1.8	N	1	1	1	1.8	1.8
Probe positioning errors	0.006	N	1	0.5	0.5	0.0	0.0
Data processing errors	4.0	N	1	1	1	4.0	4.0
Phantom and Device Errors							
Measurement of phantom conductivity (σ)	2.5	N	1	0.78	0.71	2.0	1.8
Temperature effects (medium)	5.4	R	1.732	0.78	0.71	2.4	2.2
Shell permittivity	14.0	R	1.732	0.5	0.5	4.0	4.0
Distance between the radiating element of the DUT and the phantom medium	2.0	N	1	2	2	4.0	4.0
Repeatability of positioning the DUT or source against the phantom	1.0	N	1	1	1	1.0	1.0
Device holder effects	3.6	N	1	1	1	3.6	3.6
Effect of operating mode on probe sensitivity	2.4	R	1.732	1	1	1.4	1.4
Time-average SAR	1.7	R	1.732	1	1	1.0	1.0
Variation in SAR due to drift in output of DUT	2.5	N	1	1	1	2.5	2.5
Validation antenna uncertainty (validation measurement only)	0.0	N	1	1	1	0.0	0.0
Uncertainty in accepted power (validation measurement only)	0.0	N	1	1	1	0.0	0.0
Correction to the SAR results							
Phantom deviation from target (ϵ', σ)	1.9	N	1	1	0.84	1.9	1.6
SAR scaling	0.0	R	1.732	1	1	0.0	0.0
Combined Std. Uncertainty						14.5%	14.4%
Coverage Factor for 95 %						K=2	K=2
Expanded STD Uncertainty						29.0%	28.8%

SAR Uncertainty Budget for frequency range 4MHz to 10GHz

cDASY6 Module mmWave Uncertainty Budget Evaluation Distances to the Antennas $\lambda/2\pi$ In Compliance with IEC TR 63170					
Error Description	Uncertainty Value ($\pm$ dB)	Probability	Divisor	(Ci)	Standard Uncertainty ($\pm$ dB)
Uncertainty terms dependent on the measurement system					
Probe Calibration	0.49	N	1	1	0.49
Probe correction	0.00	R	1.732	1	0.00
Frequency response	0.20	R	1.732	1	0.12
Sensor cross coupling	0.00	R	1.732	1	0.00
Isotropy	0.50	R	1.732	1	0.29
Linearity	0.20	R	1.732	1	0.12
Probe scattering	0.00	R	1.732	1	0.00
Probe positioning offset	0.30	R	1.732	1	0.17
Probe positioning repeatability	0.04	R	1.732	1	0.02
Sensor mechanical offset	0.00	R	1.732	1	0.00
Probe spatial resolution	0.00	R	1.732	1	0.00
Field impedance dependence	0.00	R	1.732	1	0.00
Amplitude and phase drift	0.00	R	1.732	1	0.00
Amplitude and phase noise	0.04	R	1.732	1	0.02
Measurement area truncation	0.00	R	1.732	1	0.00
Data acquisition	0.03	N	1	1	0.03
Sampling	0.00	R	1.732	1	0.00
Field reconstruction	2.00	R	1.732	1	1.15
Forward transformation	0.00	R	1.732	1	0.00
Power density scaling	0.00	R	1.732	1	0.00
Spatial averaging	0.10	R	1.732	1	0.06
System detection limit	0.04	R	1.732	1	0.02
Uncertainty terms dependent on the DUT and environmental factors					
Probe coupling with DUT	0.00	R	1.732	1	0.0
Modulation response	0.40	R	1.732	1	0.2
Integration time	0.00	R	1.732	1	0.0
Response time	0.00	R	1.732	1	0.0
Device holder influence	0.10	R	1.732	1	0.1
DUT alignment	0.00	R	1.732	1	0.0
RF ambient conditions	0.04	R	1.732	1	0.0
Ambient reflections	0.04	R	1.732	1	0.0
Immunity / secondary reception	0.00	R	1.732	1	0.0
Drift of the DUT		R	1.732	1	
Combined Std. Uncertainty					1.34
Expanded STD Uncertainty (95%)					2.68
PD Uncertainty Budget					

20. 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 616217 D04 v01r02, "SAR Evaluation Considerations for Laptop, Notebook, Netbook and Tablet Computers", Oct 2015
- [8] FCC KDB 648474 D04 v01r03, "SAR Evaluation Considerations for Wireless Handsets", Oct 2015.
- [9] FCC KDB 248227 D01 v02r02, "SAR Guidance for IEEE 802.11 (WiFi) Transmitters", 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
- [15] IEC/IEEE 62209-1528:2020, "Measurement procedure for the assessment of specific absorption rate of human exposure to radio frequency fields from hand-held and body-mounted wireless communication devices – Part 1528: Human models, instrumentation, and procedures (Frequency range of 4 MHz to 10 GHz)", Oct. 2020
- [16] IEC 62479:2010 Assessment of the compliance of low power electronic and electrical equipment with the basic restrictions related to human exposure to electromagnetic fields (10 MHz to 300 GHz)
- [17] IEC TR 63170: 2018 Measurement procedure for the evaluation of power density related to human exposure to radio frequency fields from wireless communication devices operating between 6 GHz and 100 GHz
- [18] SPEAG DASY6 Application Note (Interim Procedures for Devices Operating at 6-10 GHz)

Appendixes

Please refer to separated files for the following appendixes

Appendix A. Plots of System Performance Check

Appendix B. Plots of High SAR and PD 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

Appendix H. Supplemental Tuner Head & Body SAR Results

-----THE END-----