



Antenna Down

LTE Band 66- EIRP Part 27.50(d)(4)

Limits: ≤30dBm (1W)

LTE Band 66_1.4MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1710.70	-16.33	-29.60	8.10	21.37	30.00	H
1745.00	-15.78	-29.50	8.10	21.82	30.00	H
1779.30	-16.02	-29.50	8.10	21.58	30.00	H

LTE Band 66_3MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1711.50	-16.37	-29.60	8.10	21.33	30.00	H
1745.00	-15.86	-29.50	8.10	21.74	30.00	H
1778.50	-16.07	-29.50	8.10	21.53	30.00	H

LTE Band 66_5MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1712.50	-16.41	-29.60	8.10	21.29	30.00	H
1745.00	-15.91	-29.50	8.10	21.69	30.00	H
1777.50	-16.10	-29.50	8.10	21.50	30.00	H

LTE Band 66_10MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1715.00	-16.45	-29.60	8.10	21.25	30.00	H
1745.00	-15.96	-29.50	8.10	21.64	30.00	H
1775.00	-16.14	-29.50	8.10	21.46	30.00	H

LTE Band 66_15MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1717.50	-16.47	-29.60	8.10	21.23	30.00	H
1745.00	-16.01	-29.50	8.10	21.59	30.00	H
1772.53	-16.20	-29.50	8.10	21.40	30.00	H

LTE Band 66_20MHz_QPSK

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1720.00	-16.53	-29.60	8.10	21.17	30.00	H
1745.00	-16.05	-29.50	8.10	21.55	30.00	H
1770.00	-16.24	-29.50	8.10	21.36	30.00	H



LTE Band 66_1.4MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1710.70	-16.35	-29.60	8.10	21.35	30.00	H
1745.00	-15.81	-29.50	8.10	21.79	30.00	H
1779.30	-16.04	-29.50	8.10	21.56	30.00	H

LTE Band 66_3MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1711.50	-16.41	-29.60	8.10	21.29	30.00	H
1745.00	-15.91	-29.50	8.10	21.69	30.00	H
1778.50	-16.09	-29.50	8.10	21.51	30.00	H

LTE Band 66_5MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1712.50	-16.46	-29.60	8.10	21.24	30.00	H
1745.00	-15.95	-29.50	8.10	21.65	30.00	H
1777.50	-16.14	-29.50	8.10	21.46	30.00	H

LTE Band 66_10MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1715.00	-16.54	-29.60	8.10	21.16	30.00	H
1745.00	-16.03	-29.50	8.10	21.57	30.00	H
1775.00	-16.21	-29.50	8.10	21.39	30.00	H

LTE Band 66_15MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1717.50	-15.58	-29.60	8.10	22.12	30.00	H
1745.00	-16.12	-29.50	8.10	21.48	30.00	H
1772.53	-16.24	-29.50	8.10	21.36	30.00	H

LTE Band 66_20MHz_16QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1720.00	-15.65	-29.60	8.10	22.05	30.00	H
1745.00	-16.18	-29.50	8.10	21.42	30.00	H
1770.00	-16.27	-29.50	8.10	21.33	30.00	H



LTE Band 66_1.4MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1710.70	-16.42	-29.60	8.10	21.28	30.00	H
1745.00	-15.88	-29.50	8.10	21.72	30.00	H
1779.30	-16.11	-29.50	8.10	21.49	30.00	H

LTE Band 66_3MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1711.50	-16.47	-29.60	8.10	21.23	30.00	H
1745.00	-15.95	-29.50	8.10	21.65	30.00	H
1778.50	-16.18	-29.50	8.10	21.42	30.00	H

LTE Band 66_5MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1712.50	-15.58	-29.60	8.10	22.12	30.00	H
1745.00	-16.05	-29.50	8.10	21.55	30.00	H
1777.50	-16.22	-29.50	8.10	21.38	30.00	H

LTE Band 66_10MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1715.00	-15.64	-29.60	8.10	22.06	30.00	H
1745.00	-16.09	-29.50	8.10	21.51	30.00	H
1775.00	-16.25	-29.50	8.10	21.35	30.00	H

LTE Band 66_15MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1717.50	-15.69	-29.60	8.10	22.01	30.00	H
1745.00	-16.15	-29.50	8.10	21.45	30.00	H
1772.53	-16.31	-29.50	8.10	21.29	30.00	H

LTE Band 66_20MHz_64QAM

Frequency(MHz)	P _{Mea} (dBm)	P _{ci} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
1720.00	-15.74	-29.60	8.10	21.96	30.00	H
1745.00	-16.24	-29.50	8.10	21.36	30.00	H
1770.00	-16.41	-29.50	8.10	21.19	30.00	H

Peak EIRP (dBm)=P_{Mea}(-15.81dBm)-(P_{ci}+P_{Ag})(-29.50dB)+G_a(8.10dB) =21.79dBm



Antenna Up

LTE Band CA_7C- EIRP Part 27.50(h)(2)

Limits: ≤33dBm (2W)

LTE Band CA_7C_10MHz+20MHz_QPSK

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _d (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2505.50	2519.90	-19.75	-28.70	10.70	19.65	33.00	V
2525.60	2540.00	-19.58	-28.60	10.70	19.72	33.00	V
2545.60	2560.00	-19.70	-28.60	10.70	19.60	33.00	V

LTE Band CA_7C_15MHz+10MHz_QPSK

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _d (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2507.50	2519.50	-19.78	-28.70	10.70	19.62	33.00	H
2530.10	2542.10	-19.55	-28.60	10.70	19.75	33.00	H
2552.70	2564.70	-19.69	-28.60	10.70	19.61	33.00	H

LTE Band CA_7C_15MHz+15MHz_QPSK

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _d (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2507.50	2522.50	-19.72	-28.70	10.70	19.68	33.00	H
2527.50	2542.50	-19.56	-28.60	10.70	19.74	33.00	H
2547.50	2562.50	-19.67	-28.60	10.70	19.63	33.00	H

LTE Band CA_7C_15MHz+20MHz_QPSK

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _d (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2507.80	2425.90	-19.73	-28.70	10.70	19.67	33.00	H
2525.30	2542.40	-19.57	-28.60	10.70	19.73	33.00	H
2542.90	2560.00	-19.69	-28.60	10.70	19.61	33.00	H

LTE Band CA_7C_20MHz+10MHz_QPSK

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _d (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2510.00	2524.40	-19.80	-28.70	10.70	19.60	33.00	H
2530.10	2544.50	-19.64	-28.60	10.70	19.66	33.00	H
2550.10	2564.50	-19.74	-28.60	10.70	19.56	33.00	H

LTE Band CA_7C_20MHz+15MHz_QPSK

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _d (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2510.00	2527.10	-19.78	-28.70	10.70	19.62	33.00	H
2527.60	2544.70	-19.60	-28.60	10.70	19.70	33.00	H
2545.10	2562.20	-19.70	-28.60	10.70	19.60	33.00	H

LTE Band CA_7C_20MHz+20MHz_QPSK

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _d (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2510.00	2529.80	-19.77	-28.70	10.70	19.63	33.00	H
2525.10	2544.90	-19.62	-28.60	10.70	19.68	33.00	H
2540.20	2560.00	-19.74	-28.60	10.70	19.56	33.00	H



LTE Band CA_7C_10MHz+20MHz_16QAM

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2505.50	2519.90	-19.77	-28.70	10.70	19.63	33.00	V
2525.60	2540.00	-19.60	-28.60	10.70	19.70	33.00	V
2545.60	2560.00	-19.72	-28.60	10.70	19.58	33.00	V

LTE Band CA_7C_15MHz+10MHz_16QAM

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2507.50	2519.50	-19.95	-28.70	10.70	19.45	33.00	H
2530.10	2542.10	-19.73	-28.60	10.70	19.57	33.00	H
2552.70	2564.70	-19.87	-28.60	10.70	19.43	33.00	H

LTE Band CA_7C_15MHz+15MHz_16QAM

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2507.50	2522.50	-19.68	-28.70	10.70	19.72	33.00	H
2527.50	2542.50	-19.58	-28.60	10.70	19.72	33.00	H
2547.50	2562.50	-19.69	-28.60	10.70	19.61	33.00	H

LTE Band CA_7C_15MHz+20MHz_16QAM

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2507.80	2425.90	-19.75	-28.70	10.70	19.65	33.00	H
2525.30	2542.40	-19.59	-28.60	10.70	19.71	33.00	H
2542.90	2560.00	-19.71	-28.60	10.70	19.59	33.00	H

LTE Band CA_7C_20MHz+10MHz_16QAM

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2510.00	2524.40	-19.82	-28.70	10.70	19.58	33.00	H
2530.10	2544.50	-19.66	-28.60	10.70	19.64	33.00	H
2550.10	2564.50	-19.76	-28.60	10.70	19.54	33.00	H

LTE Band CA_7C_20MHz+15MHz_16QAM

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2510.00	2527.10	-19.80	-28.70	10.70	19.60	33.00	H
2527.60	2544.70	-19.62	-28.60	10.70	19.68	33.00	H
2545.10	2562.20	-19.72	-28.60	10.70	19.58	33.00	H

LTE Band CA_7C_20MHz+20MHz_16QAM

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2510.00	2529.80	-19.79	-28.70	10.70	19.61	33.00	H
2525.10	2544.90	-19.64	-28.60	10.70	19.66	33.00	H
2540.20	2560.00	-19.76	-28.60	10.70	19.54	33.00	H



Antenna Down

LTE Band CA_7C- EIRP Part 27.50(h)(2)

Limits: ≤33dBm (2W)

LTE Band CA_7C_10MHz+20MHz_QPSK

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _d (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2505.50	2519.90	-19.74	-28.70	10.70	19.66	33.00	V
2525.60	2540.00	-19.57	-28.60	10.70	19.73	33.00	V
2545.60	2560.00	-19.69	-28.60	10.70	19.61	33.00	V

LTE Band CA_7C_15MHz+10MHz_QPSK

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _d (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2507.50	2519.50	-19.89	-28.70	10.70	19.51	33.00	H
2530.10	2542.10	-19.66	-28.60	10.70	19.64	33.00	H
2552.70	2564.70	-19.80	-28.60	10.70	19.50	33.00	H

LTE Band CA_7C_15MHz+15MHz_QPSK

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _d (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2507.50	2522.50	-19.78	-28.70	10.70	19.62	33.00	H
2527.50	2542.50	-19.62	-28.60	10.70	19.68	33.00	H
2547.50	2562.50	-19.73	-28.60	10.70	19.57	33.00	H

LTE Band CA_7C_15MHz+20MHz_QPSK

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _d (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2507.80	2425.90	-19.81	-28.70	10.70	19.59	33.00	H
2525.30	2542.40	-19.65	-28.60	10.70	19.65	33.00	H
2542.90	2560.00	-19.76	-28.60	10.70	19.54	33.00	H

LTE Band CA_7C_20MHz+10MHz_QPSK

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _d (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2510.00	2524.40	-19.87	-28.70	10.70	19.53	33.00	H
2530.10	2544.50	-19.70	-28.60	10.70	19.60	33.00	H
2550.10	2564.50	-19.80	-28.60	10.70	19.50	33.00	H

LTE Band CA_7C_20MHz+15MHz_QPSK

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _d (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2510.00	2527.10	-19.87	-28.70	10.70	19.53	33.00	H
2527.60	2544.70	-19.69	-28.60	10.70	19.61	33.00	H
2545.10	2562.20	-19.79	-28.60	10.70	19.51	33.00	H

LTE Band CA_7C_20MHz+20MHz_QPSK

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _d (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2510.00	2529.80	-19.84	-28.70	10.70	19.56	33.00	H
2525.10	2544.90	-19.64	-28.60	10.70	19.66	33.00	H
2540.20	2560.00	-19.76	-28.60	10.70	19.54	33.00	H

**LTE Band CA_7C_10MHz+20MHz_16QAM**

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2505.50	2519.90	-19.77	-28.70	10.70	19.63	33.00	V
2525.60	2540.00	-19.60	-28.60	10.70	19.70	33.00	V
2545.60	2560.00	-19.71	-28.60	10.70	19.59	33.00	V

LTE Band CA_7C_15MHz+10MHz_16QAM

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2507.50	2519.50	-20.05	-28.70	10.70	19.35	33.00	H
2530.10	2542.10	-19.83	-28.60	10.70	19.47	33.00	H
2552.70	2564.70	-19.97	-28.60	10.70	19.33	33.00	H

LTE Band CA_7C_15MHz+15MHz_16QAM

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2507.50	2522.50	-19.74	-28.70	10.70	19.66	33.00	H
2527.50	2542.50	-19.64	-28.60	10.70	19.66	33.00	H
2547.50	2562.50	-19.75	-28.60	10.70	19.55	33.00	H

LTE Band CA_7C_15MHz+20MHz_16QAM

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2507.80	2425.90	-19.89	-28.70	10.70	19.51	33.00	H
2525.30	2542.40	-19.74	-28.60	10.70	19.56	33.00	H
2542.90	2560.00	-19.85	-28.60	10.70	19.45	33.00	H

LTE Band CA_7C_20MHz+10MHz_16QAM

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2510.00	2524.40	-19.88	-28.70	10.70	19.52	33.00	H
2530.10	2544.50	-19.72	-28.60	10.70	19.58	33.00	H
2550.10	2564.50	-19.82	-28.60	10.70	19.48	33.00	H

LTE Band CA_7C_20MHz+15MHz_16QAM

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2510.00	2527.10	-19.88	-28.70	10.70	19.52	33.00	H
2527.60	2544.70	-19.71	-28.60	10.70	19.59	33.00	H
2545.10	2562.20	-19.80	-28.60	10.70	19.50	33.00	H

LTE Band CA_7C_20MHz+20MHz_16QAM

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2510.00	2529.80	-19.87	-28.70	10.70	19.53	33.00	H
2525.10	2544.90	-19.66	-28.60	10.70	19.64	33.00	H
2540.20	2560.00	-19.79	-28.60	10.70	19.51	33.00	H



LTE Band CA_7C_10MHz+20MHz_64QAM

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2505.50	2519.90	-19.74	-28.70	10.70	19.66	33.00	V
2525.60	2540.00	-19.57	-28.60	10.70	19.73	33.00	V
2545.60	2560.00	-19.68	-28.60	10.70	19.62	33.00	V

LTE Band CA_7C_15MHz+10MHz_64QAM

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2507.50	2519.50	-19.99	-28.70	10.70	19.41	33.00	H
2530.10	2542.10	-19.77	-28.60	10.70	19.53	33.00	H
2552.70	2564.70	-19.91	-28.60	10.70	19.39	33.00	H

LTE Band CA_7C_15MHz+15MHz_64QAM

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2507.50	2522.50	-19.83	-28.70	10.70	19.57	33.00	H
2527.50	2542.50	-19.68	-28.60	10.70	19.62	33.00	H
2547.50	2562.50	-19.78	-28.60	10.70	19.52	33.00	H

LTE Band CA_7C_15MHz+20MHz_64QAM

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2507.80	2425.90	-19.79	-28.70	10.70	19.61	33.00	H
2525.30	2542.40	-19.71	-28.60	10.70	19.59	33.00	H
2542.90	2560.00	-19.86	-28.60	10.70	19.44	33.00	H

LTE Band CA_7C_20MHz+10MHz_64QAM

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2510.00	2524.40	-19.93	-28.70	10.70	19.47	33.00	H
2530.10	2544.50	-19.76	-28.60	10.70	19.54	33.00	H
2550.10	2564.50	-19.86	-28.60	10.70	19.44	33.00	H

LTE Band CA_7C_20MHz+15MHz_64QAM

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2510.00	2527.10	-19.95	-28.70	10.70	19.45	33.00	H
2527.60	2544.70	-19.77	-28.60	10.70	19.53	33.00	H
2545.10	2562.20	-19.87	-28.60	10.70	19.43	33.00	H

LTE Band CA_7C_20MHz+20MHz_64QAM

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2510.00	2529.80	-19.91	-28.70	10.70	19.49	33.00	H
2525.10	2544.90	-19.66	-28.60	10.70	19.64	33.00	H
2540.20	2560.00	-19.79	-28.60	10.70	19.51	33.00	H

Peak EIRP (dBm)=P_{Mea}(-19.57dBm)-(P_{cl}+P_{Ag}) (-28.60dB)+G_a(10.70dB) =19.73dBm

LTE Band CA_7C_10MHz+20MHz_64QAM

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2505.50	2519.90	-19.74	-28.70	10.70	19.66	33.00	V
2525.60	2540.00	-19.57	-28.60	10.70	19.73	33.00	V



2545.60	2560.00	-19.69	-28.60	10.70	19.61	33.00	V
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LTE Band CA_7C_15MHz+10MHz_64QAM

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2507.50	2519.50	-19.89	-28.70	10.70	19.51	33.00	H
2530.10	2542.10	-19.66	-28.60	10.70	19.64	33.00	H
2552.70	2564.70	-19.80	-28.60	10.70	19.50	33.00	H

LTE Band CA_7C_15MHz+15MHz_64QAM

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2507.50	2522.50	-19.78	-28.70	10.70	19.62	33.00	H
2527.50	2542.50	-19.62	-28.60	10.70	19.68	33.00	H
2547.50	2562.50	-19.73	-28.60	10.70	19.57	33.00	H

LTE Band CA_7C_15MHz+20MHz_64QAM

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2507.80	2425.90	-19.80	-28.70	10.70	19.60	33.00	H
2525.30	2542.40	-19.53	-28.60	10.70	19.77	33.00	H
2542.90	2560.00	-19.72	-28.60	10.70	19.58	33.00	H

LTE Band CA_7C_20MHz+10MHz_64QAM

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2510.00	2524.40	-19.87	-28.70	10.70	19.53	33.00	H
2530.10	2544.50	-19.70	-28.60	10.70	19.60	33.00	H
2550.10	2564.50	-19.80	-28.60	10.70	19.50	33.00	H

LTE Band CA_7C_20MHz+15MHz_64QAM

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2510.00	2527.10	-19.87	-28.70	10.70	19.53	33.00	H
2527.60	2544.70	-19.69	-28.60	10.70	19.61	33.00	H
2545.10	2562.20	-19.79	-28.60	10.70	19.51	33.00	H

LTE Band CA_7C_20MHz+20MHz_64QAM

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2510.00	2529.80	-19.84	-28.70	10.70	19.56	33.00	H
2525.10	2544.90	-19.64	-28.60	10.70	19.66	33.00	H
2540.20	2560.00	-19.76	-28.60	10.70	19.54	33.00	H

Peak EIRP (dBm)=P_{Mea}(-19.53dBm)-(P_{cl}+P_{Ag}) (-28.60dB)+G_a(10.70dB) =19.77dBm



Antenna Up

LTE Band CA_38C- EIRP Part 27.50(h)(2)

Limits: ≤33dBm (2W)

LTE Band CA_38C_15MHz+15MHz_QPSK

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2577.50	2592.50	-19.86	-28.70	10.70	19.54	33.00	V
2587.50	2602.50	-19.63	-28.60	10.70	19.67	33.00	V
2597.50	2612.50	-19.47	-28.50	10.70	19.73	33.00	V

LTE Band CA_38C_20MHz+20MHz_QPSK

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2580.00	2599.80	-20.01	-28.70	10.70	19.39	33.00	V
2585.10	2604.90	-19.70	-28.60	10.70	19.60	33.00	V
2590.20	2610.00	-19.65	-28.60	10.70	19.65	33.00	V

LTE Band CA_38C_15MHz+15MHz_16QAM

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2577.50	2592.50	-19.96	-28.70	10.70	19.44	33.00	V
2587.50	2602.50	-19.83	-28.60	10.70	19.47	33.00	V
2597.50	2612.50	-19.64	-28.50	10.70	19.56	33.00	V

LTE Band CA_38C_20MHz+20MHz_16QAM

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2580.00	2599.80	-19.99	-28.70	10.70	19.41	33.00	V
2585.10	2604.90	-19.84	-28.60	10.70	19.46	33.00	V
2590.20	2610.00	-19.79	-28.60	10.70	19.51	33.00	V

LTE Band CA_38C_15MHz+15MHz_64QAM

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2577.50	2592.50	-19.98	-28.70	10.70	19.42	33.00	V
2587.50	2602.50	-19.86	-28.60	10.70	19.44	33.00	V
2597.50	2612.50	-19.68	-28.50	10.70	19.52	33.00	V

LTE Band CA_38C_20MHz+20MHz_64QAM

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2580.00	2599.80	-20.01	-28.70	10.70	19.39	33.00	V
2585.10	2604.90	-19.88	-28.60	10.70	19.42	33.00	V
2590.20	2610.00	-19.82	-28.60	10.70	19.48	33.00	V

Peak EIRP (dBm)=P_{Mea}(-19.47dBm)-(P_{cl}+P_{Ag}) (-28.50dB)+G_a(10.70dB) =29.73dBm



Antenna Down

LTE Band CA_38C- EIRP Part 27.50(h)(2)

Limits: ≤33dBm (2W)

LTE Band CA_38C_15MHz+15MHz_QPSK

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2577.50	2592.50	-19.80	-28.70	10.70	19.60	33.00	V
2587.50	2602.50	-19.63	-28.60	10.70	19.67	33.00	V
2597.50	2612.50	-19.50	-28.50	10.70	19.70	33.00	V

LTE Band CA_38C_20MHz+20MHz_QPSK

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2580.00	2599.80	-19.80	-28.70	10.70	19.60	33.00	V
2585.10	2604.90	-19.60	-28.60	10.70	19.70	33.00	V
2590.20	2610.00	-19.57	-28.60	10.70	19.73	33.00	V

LTE Band CA_38C_15MHz+15MHz_16QAM

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2577.50	2592.50	-20.01	-28.70	10.70	19.39	33.00	V
2587.50	2602.50	-19.80	-28.60	10.70	19.50	33.00	V
2597.50	2612.50	-19.66	-28.50	10.70	19.54	33.00	V

LTE Band CA_38C_20MHz+20MHz_16QAM

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2580.00	2599.80	-20.06	-28.70	10.70	19.34	33.00	V
2585.10	2604.90	-19.83	-28.60	10.70	19.47	33.00	V
2590.20	2610.00	-19.79	-28.60	10.70	19.51	33.00	V

LTE Band CA_38C_15MHz+15MHz_64QAM

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2577.50	2592.50	-19.90	-28.70	10.70	19.50	33.00	V
2587.50	2602.50	-19.81	-28.60	10.70	19.49	33.00	V
2597.50	2612.50	-19.72	-28.50	10.70	19.48	33.00	V

LTE Band CA_38C_20MHz+20MHz_64QAM

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2580.00	2599.80	-19.91	-28.70	10.70	19.49	33.00	V
2585.10	2604.90	-19.82	-28.60	10.70	19.48	33.00	V
2590.20	2610.00	-19.80	-28.60	10.70	19.50	33.00	V

Peak EIRP (dBm)=P_{Mea}(-19.57dBm)-(P_{cl}+P_{Ag}) (-28.60dB)+G_a(10.70dB) =19.73dBm



Antenna Up

LTE Band CA_41C- EIRP Part 27.50(h)(2)

Limits: ≤33dBm (2W)

LTE Band CA_41C_5MHz+20MHz_QPSK

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2499.30	2511.00	-19.81	-28.70	10.70	19.59	33.00	V
2583.80	2595.50	-19.86	-28.60	10.70	19.44	33.00	V
2668.30	2680.00	-19.56	-28.50	10.70	19.64	33.00	V

LTE Band CA_41C_10MHz+15MHz_QPSK

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2501.30	2513.30	-19.83	-28.70	10.70	19.57	33.00	V
2585.90	2597.90	-19.85	-28.60	10.70	19.45	33.00	V
2670.50	2682.50	-19.75	-28.60	10.70	19.55	33.00	V

LTE Band CA_41C_10MHz+20MHz_QPSK

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2501.50	2515.90	-19.95	-28.70	10.70	19.45	33.00	V
2583.60	2598.00	-19.93	-28.60	10.70	19.37	33.00	V
2665.60	2680.00	-19.76	-28.60	10.70	19.54	33.00	V

LTE Band CA_41C_15MHz+10MHz_QPSK

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2503.50	2515.50	-19.84	-28.70	10.70	19.56	33.00	H
2588.10	2600.10	-19.87	-28.60	10.70	19.43	33.00	H
2672.70	2684.70	-19.74	-28.60	10.70	19.56	33.00	H

LTE Band CA_41C_15MHz+15MHz_QPSK

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2503.50	2518.50	-19.87	-28.70	10.70	19.53	33.00	H
2585.50	2600.50	-19.89	-28.60	10.70	19.41	33.00	H
2667.50	2682.50	-19.80	-28.60	10.70	19.50	33.00	H

LTE Band CA_41C_15MHz+20MHz_QPSK

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2503.80	2520.90	-19.92	-28.70	10.70	19.48	33.00	H
2583.30	2600.40	-19.86	-28.60	10.70	19.44	33.00	H
2662.90	2680.00	-19.69	-28.60	10.70	19.61	33.00	H

LTE Band CA_41C_20MHz+5MHz_QPSK



Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _d (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2506.00	2517.70	-19.87	-28.70	10.70	19.53	33.00	H
2590.50	2602.20	-19.88	-28.60	10.70	19.42	33.00	H
2675.00	2686.70	-19.71	-28.60	10.70	19.59	33.00	H

LTE Band CA_41C_20MHz+10MHz_QPSK

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _d (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2506.00	2520.40	-19.90	-28.70	10.70	19.50	33.00	H
2588.10	2602.50	-19.93	-28.60	10.70	19.37	33.00	H
2670.10	2684.50	-19.79	-28.60	10.70	19.51	33.00	H

LTE Band CA_41C_20MHz+15MHz_QPSK

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _d (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2506.00	2523.10	-19.92	-28.70	10.70	19.48	33.00	H
2585.60	2602.70	-19.90	-28.60	10.70	19.40	33.00	H
2665.10	2682.20	-19.80	-28.60	10.70	19.50	33.00	H

LTE Band CA_41C_20MHz+20MHz_QPSK

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _d (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2506.00	2525.80	-19.93	-28.70	10.70	19.47	33.00	H
2583.10	2602.90	-19.95	-28.60	10.70	19.35	33.00	H
2660.20	2680.00	-19.84	-28.60	10.70	19.46	33.00	H

**LTE Band CA_41C_5MHz+20MHz_16QAM**

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _d (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2499.30	2511.00	-19.99	-28.70	10.70	19.41	33.00	V
2583.80	2595.50	-19.94	-28.60	10.70	19.36	33.00	V
2668.30	2680.00	-19.68	-28.50	10.70	19.52	33.00	V

LTE Band CA_41C_10MHz+15MHz_16QAM

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _d (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2501.30	2513.30	-19.95	-28.70	10.70	19.45	33.00	V
2585.90	2597.90	-19.96	-28.60	10.70	19.34	33.00	V
2670.50	2682.50	-19.75	-28.60	10.70	19.55	33.00	V

LTE Band CA_41C_10MHz+20MHz_16QAM

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _d (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2501.50	2515.90	-19.98	-28.70	10.70	19.42	33.00	V
2583.60	2598.00	-19.93	-28.60	10.70	19.37	33.00	V
2665.60	2680.00	-19.79	-28.60	10.70	19.51	33.00	V

LTE Band CA_41C_15MHz+10MHz_16QAM

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _d (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2503.50	2515.50	-19.94	-28.70	10.70	19.46	33.00	H
2588.10	2600.10	-19.93	-28.60	10.70	19.37	33.00	H
2672.70	2684.70	-19.78	-28.60	10.70	19.52	33.00	H

LTE Band CA_41C_15MHz+15MHz_16QAM

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _d (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2503.50	2518.50	-20.00	-28.70	10.70	19.40	33.00	H
2585.50	2600.50	-19.92	-28.60	10.70	19.38	33.00	H
2667.50	2682.50	-19.80	-28.60	10.70	19.50	33.00	H

LTE Band CA_41C_15MHz+20MHz_16QAM

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _d (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2503.80	2520.90	-20.00	-28.70	10.70	19.40	33.00	H
2583.30	2600.40	-19.98	-28.60	10.70	19.32	33.00	H
2662.90	2680.00	-19.84	-28.60	10.70	19.46	33.00	H

LTE Band CA_41C_20MHz+5MHz_16QAM

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _d (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2506.00	2517.70	-19.97	-28.70	10.70	19.43	33.00	H
2590.50	2602.20	-19.92	-28.60	10.70	19.38	33.00	H



2675.00	2686.70	-19.78	-28.60	10.70	19.52	33.00	H
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LTE Band CA_41C_20MHz+10MHz_16QAM

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _d (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2506.00	2520.40	-19.99	-28.70	10.70	19.41	33.00	H
2588.10	2602.50	-19.92	-28.60	10.70	19.38	33.00	H
2670.10	2684.50	-19.78	-28.60	10.70	19.52	33.00	H

LTE Band CA_41C_20MHz+15MHz_16QAM

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _d (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2506.00	2523.10	-19.98	-28.70	10.70	19.42	33.00	H
2585.60	2602.70	-19.93	-28.60	10.70	19.37	33.00	H
2665.10	2682.20	-19.80	-28.60	10.70	19.50	33.00	H

LTE Band CA_41C_20MHz+20MHz_16QAM

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _d (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2506.00	2525.80	-20.01	-28.70	10.70	19.39	33.00	H
2583.10	2602.90	-19.99	-28.60	10.70	19.31	33.00	H
2660.20	2680.00	-19.83	-28.60	10.70	19.47	33.00	H



LTE Band CA_41C_5MHz+20MHz_64QAM

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _d (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2499.30	2511.00	-19.97	-28.70	10.70	19.43	33.00	V
2583.80	2595.50	-19.96	-28.60	10.70	19.34	33.00	V
2668.30	2680.00	-19.70	-28.50	10.70	19.50	33.00	V

LTE Band CA_41C_10MHz+15MHz_64QAM

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _d (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2501.30	2513.30	-19.98	-28.70	10.70	19.42	33.00	V
2585.90	2597.90	-19.95	-28.60	10.70	19.35	33.00	V
2670.50	2682.50	-19.79	-28.60	10.70	19.51	33.00	V

LTE Band CA_41C_10MHz+20MHz_64QAM

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _d (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2501.50	2515.90	-19.99	-28.70	10.70	19.41	33.00	V
2583.60	2598.00	-19.96	-28.60	10.70	19.34	33.00	V
2665.60	2680.00	-19.80	-28.60	10.70	19.50	33.00	V

LTE Band CA_41C_15MHz+10MHz_64QAM

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _d (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2503.50	2515.50	-19.96	-28.70	10.70	19.44	33.00	H
2588.10	2600.10	-19.94	-28.60	10.70	19.36	33.00	H
2672.70	2684.70	-19.76	-28.60	10.70	19.54	33.00	H

LTE Band CA_41C_15MHz+15MHz_64QAM

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _d (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2503.50	2518.50	-19.96	-28.70	10.70	19.44	33.00	H
2585.50	2600.50	-19.94	-28.60	10.70	19.36	33.00	H
2667.50	2682.50	-19.76	-28.60	10.70	19.54	33.00	H

LTE Band CA_41C_15MHz+20MHz_64QAM

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _d (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2503.80	2520.90	-19.99	-28.70	10.70	19.41	33.00	H
2583.30	2600.40	-19.97	-28.60	10.70	19.33	33.00	H
2662.90	2680.00	-19.80	-28.60	10.70	19.50	33.00	H

LTE Band CA_41C_20MHz+5MHz_64QAM

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _d (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2506.00	2517.70	-20.03	-28.70	10.70	19.37	33.00	H
2590.50	2602.20	-20.01	-28.60	10.70	19.29	33.00	H



2675.00	2686.70	-19.81	-28.60	10.70	19.49	33.00	H
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LTE Band CA_41C_20MHz+10MHz_64QAM

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2506.00	2520.40	-20.01	-28.70	10.70	19.39	33.00	H
2588.10	2602.50	-19.99	-28.60	10.70	19.31	33.00	H
2670.10	2684.50	-19.81	-28.60	10.70	19.49	33.00	H

LTE Band CA_41C_20MHz+15MHz_64QAM

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2506.00	2523.10	-20.00	-28.70	10.70	19.40	33.00	H
2585.60	2602.70	-19.99	-28.60	10.70	19.31	33.00	H
2665.10	2682.20	-19.77	-28.60	10.70	19.53	33.00	H

LTE Band CA_41C_20MHz+20MHz_64QAM

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _{cl} (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2506.00	2525.80	-19.94	-28.70	10.70	19.46	33.00	H
2583.10	2602.90	-19.99	-28.60	10.70	19.31	33.00	H
2660.20	2680.00	-19.79	-28.60	10.70	19.51	33.00	H

Peak EIRP (dBm)=P_{Mea}(-19.56dBm)-(P_{cl}+P_{Ag}) (-28.50dB)+G_a(10.70dB) =19.64dBm



Antenna Down

LTE Band CA_41C- EIRP Part 27.50(h)(2)

Limits: ≤33dBm (2W)

LTE Band CA_41C_5MHz+20MHz_QPSK

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _d (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2499.30	2511.00	-19.79	-28.70	10.70	19.61	33.00	V
2583.80	2595.50	-19.84	-28.60	10.70	19.46	33.00	V
2668.30	2680.00	-19.54	-28.50	10.70	19.66	33.00	V

LTE Band CA_41C_10MHz+15MHz_QPSK

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _d (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2501.30	2513.30	-19.80	-28.70	10.70	19.60	33.00	V
2585.90	2597.90	-19.83	-28.60	10.70	19.47	33.00	V
2670.50	2682.50	-19.73	-28.60	10.70	19.57	33.00	V

LTE Band CA_41C_10MHz+20MHz_QPSK

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _d (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2501.50	2515.90	-19.93	-28.70	10.70	19.47	33.00	V
2583.60	2598.00	-19.91	-28.60	10.70	19.39	33.00	V
2665.60	2680.00	-19.74	-28.60	10.70	19.56	33.00	V

LTE Band CA_41C_15MHz+10MHz_QPSK

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _d (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2503.50	2515.50	-19.82	-28.70	10.70	19.58	33.00	H
2588.10	2600.10	-19.85	-28.60	10.70	19.45	33.00	H
2672.70	2684.70	-19.73	-28.60	10.70	19.57	33.00	H

LTE Band CA_41C_15MHz+15MHz_QPSK

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _d (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2503.50	2518.50	-19.85	-28.70	10.70	19.55	33.00	H
2585.50	2600.50	-19.87	-28.60	10.70	19.43	33.00	H
2667.50	2682.50	-19.79	-28.60	10.70	19.51	33.00	H

LTE Band CA_41C_15MHz+20MHz_QPSK

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _d (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2503.80	2520.90	-19.90	-28.70	10.70	19.50	33.00	H
2583.30	2600.40	-19.84	-28.60	10.70	19.46	33.00	H
2662.90	2680.00	-19.67	-28.60	10.70	19.63	33.00	H

LTE Band CA_41C_20MHz+5MHz_QPSK

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _d (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
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2506.00	2517.70	-19.85	-28.70	10.70	19.55	33.00	H
2590.50	2602.20	-19.86	-28.60	10.70	19.44	33.00	H
2675.00	2686.70	-19.70	-28.60	10.70	19.60	33.00	H

LTE Band CA_41C_20MHz+10MHz_QPSK

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _d (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2506.00	2520.40	-19.88	-28.70	10.70	19.52	33.00	H
2588.10	2602.50	-19.91	-28.60	10.70	19.39	33.00	H
2670.10	2684.50	-19.77	-28.60	10.70	19.53	33.00	H

LTE Band CA_41C_20MHz+15MHz_QPSK

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _d (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2506.00	2523.10	-19.90	-28.70	10.70	19.50	33.00	H
2585.60	2602.70	-19.88	-28.60	10.70	19.42	33.00	H
2665.10	2682.20	-19.78	-28.60	10.70	19.52	33.00	H

LTE Band CA_41C_20MHz+20MHz_QPSK

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _d (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2506.00	2525.80	-19.91	-28.70	10.70	19.49	33.00	H
2583.10	2602.90	-19.93	-28.60	10.70	19.37	33.00	H
2660.20	2680.00	-19.82	-28.60	10.70	19.48	33.00	H



LTE Band CA_41C_5MHz+20MHz_16QAM

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _d (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2499.30	2511.00	-19.97	-28.70	10.70	19.43	33.00	V
2583.80	2595.50	-19.92	-28.60	10.70	19.38	33.00	V
2668.30	2680.00	-19.66	-28.50	10.70	19.54	33.00	V

LTE Band CA_41C_10MHz+15MHz_16QAM

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _d (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2501.30	2513.30	-19.93	-28.70	10.70	19.47	33.00	V
2585.90	2597.90	-19.94	-28.60	10.70	19.36	33.00	V
2670.50	2682.50	-19.73	-28.60	10.70	19.57	33.00	V

LTE Band CA_41C_10MHz+20MHz_16QAM

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _d (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2501.50	2515.90	-19.96	-28.70	10.70	19.44	33.00	V
2583.60	2598.00	-19.91	-28.60	10.70	19.39	33.00	V
2665.60	2680.00	-19.78	-28.60	10.70	19.52	33.00	V

LTE Band CA_41C_15MHz+10MHz_16QAM

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _d (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2503.50	2515.50	-19.92	-28.70	10.70	19.48	33.00	H
2588.10	2600.10	-19.91	-28.60	10.70	19.39	33.00	H
2672.70	2684.70	-19.76	-28.60	10.70	19.54	33.00	H

LTE Band CA_41C_15MHz+15MHz_16QAM

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _d (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2503.50	2518.50	-19.98	-28.70	10.70	19.42	33.00	H
2585.50	2600.50	-19.90	-28.60	10.70	19.40	33.00	H
2667.50	2682.50	-19.79	-28.60	10.70	19.51	33.00	H

LTE Band CA_41C_15MHz+20MHz_16QAM

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _d (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2503.80	2520.90	-19.98	-28.70	10.70	19.42	33.00	H
2583.30	2600.40	-19.96	-28.60	10.70	19.34	33.00	H
2662.90	2680.00	-19.82	-28.60	10.70	19.48	33.00	H

LTE Band CA_41C_20MHz+5MHz_16QAM

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _d (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2506.00	2517.70	-19.96	-28.70	10.70	19.44	33.00	H
2590.50	2602.20	-19.91	-28.60	10.70	19.39	33.00	H



2675.00	2686.70	-19.77	-28.60	10.70	19.53	33.00	H
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LTE Band CA_41C_20MHz+10MHz_16QAM

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _d (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2506.00	2520.40	-19.97	-28.70	10.70	19.43	33.00	H
2588.10	2602.50	-19.90	-28.60	10.70	19.40	33.00	H
2670.10	2684.50	-19.77	-28.60	10.70	19.53	33.00	H

LTE Band CA_41C_20MHz+15MHz_16QAM

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _d (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2506.00	2523.10	-19.97	-28.70	10.70	19.43	33.00	H
2585.60	2602.70	-19.91	-28.60	10.70	19.39	33.00	H
2665.10	2682.20	-19.78	-28.60	10.70	19.52	33.00	H

LTE Band CA_41C_20MHz+20MHz_16QAM

Frequency(MHz)	Frequency(MHz)	P _{Mea} (dBm)	P _d (dB)+ P _{Ag} (dB)	Ga Antenna Gain(dBi)	EIRP(dBm)	Limit(dBm)	Polarization
2506.00	2525.80	-19.99	-28.70	10.70	19.41	33.00	H
2583.10	2602.90	-19.97	-28.60	10.70	19.33	33.00	H
2660.20	2680.00	-19.81	-28.60	10.70	19.49	33.00	H