

LTE Band 66 DSI 2/3				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	23.41	23.49	23.55	24.50
		1	2	23.68	23.55	23.67	24.50
		1	5	23.55	23.57	23.53	24.50
		3	0	23.49	23.55	23.57	24.50
		3	1	23.52	23.47	23.51	24.50
		3	3	23.53	23.47	23.58	24.50
		6	0	22.52	22.52	22.57	23.50
	16QAM	1	0	22.52	22.55	22.49	23.50
		1	2	22.69	22.65	22.61	23.50
		1	5	22.54	22.60	22.58	23.50
		3	0	22.39	22.54	22.60	23.50
		3	1	22.42	22.45	22.52	23.50
		3	3	22.66	22.50	22.45	23.50
		6	0	21.59	21.60	21.55	22.50
	64QAM	1	0	21.37	21.48	21.51	22.50
		1	2	21.63	21.58	21.61	22.50
		1	5	21.49	21.55	21.48	22.50
		3	0	21.61	21.68	21.66	22.50
		3	1	21.67	21.62	21.67	22.50
		3	3	21.71	21.57	21.59	22.50
		6	0	20.69	20.60	20.66	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131987	132322	132657	
3MHz	QPSK	1	0	23.40	23.41	23.55	24.50
		1	7	23.55	23.54	23.56	24.50
		1	14	23.44	23.54	23.44	24.50
		8	0	22.40	22.55	22.68	23.50
		8	4	22.58	22.57	22.59	23.50
		8	7	22.64	22.50	22.48	23.50
		15	0	22.52	22.61	22.58	23.50
	16QAM	1	0	22.61	22.55	22.57	23.50
		1	7	22.73	22.70	22.64	23.50
		1	14	22.48	22.63	22.60	23.50
		8	0	21.50	21.56	21.56	22.50
		8	4	21.53	21.53	21.54	22.50
		8	7	21.65	21.47	21.55	22.50
		15	0	21.51	21.57	21.56	22.50
	64QAM	1	0	21.50	21.49	21.50	22.50
		1	7	21.66	21.54	21.56	22.50
		1	14	21.45	21.53	21.53	22.50
		8	0	20.56	20.69	20.65	21.50
		8	4	20.66	20.59	20.68	21.50
		8	7	20.74	20.62	20.66	21.50
		15	0	20.69	20.65	20.58	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	23.43	23.46	23.46	24.50
		1	13	23.57	23.60	23.55	24.50
		1	24	23.46	23.44	23.48	24.50
		12	0	22.43	22.50	22.61	23.50
		12	6	22.53	22.57	22.57	23.50
		12	13	22.57	22.58	22.58	23.50
		25	0	22.55	22.63	22.54	23.50
	16QAM	1	0	22.60	22.50	22.61	23.50

		1	13	22.63	22.57	22.71	23.50
		1	24	22.51	22.60	22.50	23.50
		12	0	21.50	21.57	21.62	22.50
		12	6	21.52	21.53	21.62	22.50
		12	13	21.68	21.41	21.57	22.50
		25	0	21.50	21.53	21.57	22.50
	64QAM	1	0	21.41	21.48	21.51	22.50
		1	13	21.56	21.54	21.54	22.50
		1	24	21.42	21.47	21.51	22.50
		12	0	20.59	20.60	20.68	21.50
		12	6	20.59	20.58	20.74	21.50
		12	13	20.81	20.66	20.66	21.50
		25	0	20.75	20.63	20.60	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	23.52	23.42	23.52	24.50
		1	25	23.58	23.52	23.59	24.50
		1	49	23.48	23.46	23.47	24.50
		25	0	22.39	22.58	22.62	23.50
		25	13	22.56	22.52	22.65	23.50
		25	25	22.69	22.51	22.58	23.50
		50	0	22.52	22.60	22.50	23.50
	16QAM	1	0	22.52	22.44	22.57	23.50
		1	25	22.63	22.62	22.70	23.50
		1	49	22.48	22.62	22.50	23.50
		25	0	21.40	21.57	21.51	22.50
		25	13	21.48	21.48	21.52	22.50
		25	25	21.63	21.47	21.44	22.50
		50	0	21.54	21.54	21.53	22.50
	64QAM	1	0	21.48	21.38	21.45	22.50
		1	25	21.55	21.52	21.53	22.50
		1	49	21.53	21.49	21.44	22.50
		25	0	20.53	20.62	20.70	21.50
		25	13	20.66	20.58	20.66	21.50
		25	25	20.80	20.64	20.71	21.50
		50	0	20.62	20.57	20.66	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	23.41	23.48	23.46	24.50
		1	38	23.65	23.61	23.60	24.50
		1	74	23.49	23.53	23.52	24.50
		36	0	22.47	22.49	22.58	23.50
		36	18	22.52	22.58	22.57	23.50
		36	39	22.65	22.48	22.57	23.50
		75	0	22.49	22.59	22.51	23.50
	16QAM	1	0	22.54	22.53	22.47	23.50
		1	38	22.72	22.69	22.69	23.50
		1	74	22.56	22.51	22.51	23.50
		36	0	21.41	21.58	21.57	22.50
		36	18	21.48	21.51	21.57	22.50
		36	39	21.55	21.49	21.48	22.50
		75	0	21.56	21.56	21.50	22.50
	64QAM	1	0	21.40	21.36	21.52	22.50
		1	38	21.64	21.48	21.60	22.50
		1	74	21.47	21.47	21.57	22.50
		36	0	20.60	20.64	20.69	21.50
		36	18	20.71	20.64	20.64	21.50
		36	39	20.74	20.69	20.66	21.50

		75	0	20.75	20.58	20.70	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	1	0	23.47	23.46	23.50	24.50
		1	50	23.62	23.58	23.60	24.50
		1	99	23.48	23.51	23.49	24.50
		50	0	22.46	22.56	22.61	23.50
		50	25	22.51	22.54	22.58	23.50
		50	50	22.62	22.53	22.53	23.50
		100	0	22.56	22.57	22.54	23.50
	16QAM	1	0	22.54	22.49	22.54	23.50
		1	50	22.67	22.63	22.67	23.50
		1	99	22.53	22.57	22.56	23.50
		50	0	21.45	21.52	21.55	22.50
		50	25	21.49	21.50	21.58	22.50
		50	50	21.62	21.47	21.51	22.50
		100	0	21.54	21.53	21.56	22.50
	64QAM	1	0	21.44	21.42	21.49	22.50
		1	50	21.60	21.55	21.57	22.50
		1	99	21.47	21.48	21.50	22.50
		50	0	20.58	20.66	20.70	21.50
		50	25	20.64	20.64	20.69	21.50
		50	50	20.76	20.63	20.67	21.50
		100	0	20.68	20.61	20.65	21.50

LTE Band 66 DSI 4/5/8/9/10				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	15.56	15.47	15.42	16.50
		1	2	15.59	15.52	15.53	16.50
		1	5	15.50	15.59	15.58	16.50
		3	0	15.48	15.66	15.68	16.50
		3	1	15.61	15.49	15.59	16.50
		3	3	15.68	15.55	15.57	16.50
		6	0	15.66	15.56	15.61	16.50
	16QAM	1	0	15.61	15.45	15.64	16.50
		1	2	15.75	15.55	15.66	16.50
		1	5	15.54	15.45	15.56	16.50
		3	0	15.50	15.48	15.60	16.50
		3	1	15.43	15.48	15.55	16.50
		3	3	15.57	15.42	15.59	16.50
		6	0	15.53	15.41	15.54	16.50
	64QAM	1	0	15.54	15.42	15.49	16.50
		1	2	15.56	15.53	15.49	16.50
		1	5	15.51	15.53	15.49	16.50
		3	0	15.62	15.66	15.63	16.50
		3	1	15.59	15.73	15.72	16.50
		3	3	15.76	15.59	15.67	16.50
		6	0	15.81	15.65	15.70	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131987	132322	132657	
3MHz	QPSK	1	0	15.55	15.49	15.49	16.50
		1	7	15.67	15.54	15.63	16.50
		1	14	15.50	15.58	15.46	16.50
		8	0	15.58	15.64	15.66	16.50
		8	4	15.52	15.53	15.51	16.50
		8	7	15.69	15.49	15.48	16.50
		15	0	15.57	15.64	15.61	16.50
	16QAM	1	0	15.61	15.48	15.52	16.50
		1	7	15.61	15.59	15.66	16.50
		1	14	15.57	15.48	15.55	16.50
		8	0	15.49	15.54	15.57	16.50
		8	4	15.41	15.47	15.55	16.50
		8	7	15.60	15.44	15.47	16.50
		15	0	15.58	15.49	15.57	16.50
	64QAM	1	0	15.47	15.35	15.56	16.50
		1	7	15.51	15.58	15.51	16.50
		1	14	15.53	15.56	15.52	16.50
		8	0	15.63	15.60	15.66	16.50
		8	4	15.58	15.75	15.73	16.50
		8	7	15.70	15.60	15.72	16.50
		15	0	15.75	15.58	15.76	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	15.53	15.47	15.44	16.50
		1	13	15.61	15.46	15.58	16.50
		1	24	15.49	15.61	15.51	16.50
		12	0	15.48	15.54	15.66	16.50
		12	6	15.54	15.49	15.55	16.50
		12	13	15.66	15.56	15.58	16.50
		25	0	15.63	15.57	15.55	16.50
	16QAM	1	0	15.51	15.38	15.58	16.50

		1	13	15.63	15.63	15.72	16.50
		1	24	15.46	15.56	15.54	16.50
		12	0	15.53	15.53	15.65	16.50
		12	6	15.49	15.52	15.63	16.50
		12	13	15.54	15.51	15.55	16.50
		25	0	15.60	15.43	15.48	16.50
	64QAM	1	0	15.56	15.36	15.54	16.50
		1	13	15.57	15.59	15.51	16.50
		1	24	15.55	15.49	15.55	16.50
		12	0	15.49	15.72	15.59	16.50
		12	6	15.56	15.68	15.62	16.50
		12	13	15.71	15.61	15.62	16.50
		25	0	15.67	15.63	15.64	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	15.56	15.56	15.47	16.50
		1	25	15.61	15.60	15.50	16.50
		1	49	15.42	15.62	15.53	16.50
		25	0	15.57	15.67	15.60	16.50
		25	13	15.56	15.60	15.63	16.50
		25	25	15.73	15.42	15.48	16.50
		50	0	15.65	15.62	15.66	16.50
	16QAM	1	0	15.62	15.51	15.55	16.50
		1	25	15.69	15.63	15.65	16.50
		1	49	15.59	15.56	15.62	16.50
		25	0	15.44	15.52	15.56	16.50
		25	13	15.49	15.46	15.66	16.50
		25	25	15.61	15.50	15.49	16.50
		50	0	15.52	15.54	15.46	16.50
	64QAM	1	0	15.52	15.44	15.49	16.50
		1	25	15.51	15.46	15.51	16.50
		1	49	15.44	15.43	15.49	16.50
		25	0	15.63	15.71	15.59	16.50
		25	13	15.53	15.65	15.73	16.50
		25	25	15.72	15.54	15.67	16.50
		50	0	15.70	15.64	15.77	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	15.46	15.54	15.52	16.50
		1	38	15.63	15.52	15.54	16.50
		1	74	15.40	15.60	15.52	16.50
		36	0	15.48	15.66	15.60	16.50
		36	18	15.51	15.46	15.60	16.50
		36	39	15.61	15.51	15.51	16.50
		75	0	15.65	15.69	15.61	16.50
	16QAM	1	0	15.53	15.39	15.51	16.50
		1	38	15.61	15.63	15.78	16.50
		1	74	15.48	15.56	15.61	16.50
		36	0	15.43	15.48	15.66	16.50
		36	18	15.50	15.39	15.65	16.50
		36	39	15.56	15.40	15.51	16.50
		75	0	15.57	15.55	15.54	16.50
	64QAM	1	0	15.57	15.35	15.50	16.50
		1	38	15.54	15.47	15.44	16.50
		1	74	15.42	15.57	15.52	16.50
		36	0	15.57	15.58	15.70	16.50
		36	18	15.65	15.69	15.64	16.50
		36	39	15.76	15.60	15.63	16.50

Bandwidth	Modulation	75	0	15.70	15.71	15.66	16.50
		RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	1	0	15.52	15.50	15.47	16.50
		1	50	15.65	15.53	15.56	16.50
		1	99	15.45	15.56	15.53	16.50
		50	0	15.52	15.60	15.64	16.50
		50	25	15.56	15.53	15.58	16.50
		50	50	15.67	15.49	15.53	16.50
		100	0	15.61	15.63	15.59	16.50
	16QAM	1	0	15.57	15.44	15.57	16.50
		1	50	15.68	15.60	15.72	16.50
		1	99	15.52	15.52	15.59	16.50
		50	0	15.48	15.53	15.59	16.50
		50	25	15.46	15.46	15.62	16.50
		50	50	15.58	15.47	15.52	16.50
		100	0	15.56	15.48	15.53	16.50
	64QAM	1	0	15.50	15.37	15.49	16.50
		1	50	15.57	15.52	15.51	16.50
		1	99	15.49	15.50	15.51	16.50
		50	0	15.56	15.65	15.65	16.50
		50	25	15.59	15.68	15.67	16.50
		50	50	15.76	15.57	15.67	16.50
		100	0	15.74	15.65	15.70	16.50

4 Conducted Power of ENDC_LTE Uplink CA

4.1 Conducted Power of ENDC_LTE Uplink CA(Ant11)

LTE Band 4 DSI 2/3				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	16.59	16.66	16.54	17.00
		1	2	16.70	16.71	16.72	17.00
		1	5	16.54	16.67	16.62	17.00
		3	0	16.51	16.69	16.67	17.00
		3	2	16.59	16.58	16.70	17.00
		3	3	16.58	16.70	16.65	17.00
		6	0	16.47	16.62	16.58	17.00
	16QAM	1	0	16.61	16.46	16.64	17.00
		1	2	16.62	16.64	16.67	17.00
		1	5	16.70	16.58	16.63	17.00
		3	0	16.62	16.78	16.73	17.00
		3	2	16.67	16.78	16.72	17.00
		3	3	16.76	16.65	16.71	17.00
		6	0	16.67	16.80	16.81	17.00
	64QAM	1	0	16.54	16.67	16.80	17.00
		1	2	16.83	16.83	16.83	17.00
		1	5	16.87	16.85	16.69	17.00
		3	0	16.67	16.78	16.68	17.00
		3	2	16.65	16.65	16.82	17.00
		3	3	16.64	16.75	16.65	17.00
		6	0	16.58	16.83	16.71	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	16.52	16.65	16.56	17.00
		1	7	16.67	16.76	16.69	17.00
		1	14	16.54	16.76	16.67	17.00
		8	0	16.54	16.65	16.64	17.00
		8	4	16.59	16.70	16.60	17.00
		8	7	16.53	16.64	16.67	17.00
		15	0	16.58	16.61	16.61	17.00
	16QAM	1	0	16.61	16.46	16.63	17.00
		1	7	16.68	16.71	16.73	17.00
		1	14	16.78	16.62	16.69	17.00
		8	0	16.56	16.76	16.79	17.00
		8	4	16.73	16.65	16.72	17.00
		8	7	16.74	16.65	16.66	17.00
		15	0	16.66	16.77	16.83	17.00
	64QAM	1	0	16.68	16.67	16.88	17.00
		1	7	16.88	16.87	16.76	17.00
		1	14	16.79	16.81	16.75	17.00
		8	0	16.61	16.82	16.72	17.00
		8	4	16.74	16.61	16.77	17.00
		8	7	16.60	16.80	16.71	17.00
		15	0	16.54	16.83	16.68	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	16.55	16.59	16.55	17.00
		1	13	16.61	16.79	16.73	17.00
		1	24	16.51	16.64	16.64	17.00
		12	0	16.50	16.66	16.68	17.00
		12	6	16.49	16.63	16.59	17.00

		12	13	16.59	16.62	16.54	17.00
		25	0	16.47	16.48	16.53	17.00
	16QAM	1	0	16.64	16.53	16.64	17.00
		1	13	16.63	16.70	16.64	17.00
		1	24	16.71	16.65	16.62	17.00
		12	0	16.70	16.69	16.82	17.00
		12	6	16.79	16.65	16.82	17.00
		12	13	16.66	16.67	16.71	17.00
		25	0	16.76	16.85	16.81	17.00
	64QAM	1	0	16.61	16.75	16.77	17.00
		1	13	16.78	16.86	16.90	17.00
		1	24	16.77	16.80	16.75	17.00
		12	0	16.67	16.73	16.73	17.00
		12	6	16.66	16.63	16.78	17.00
		12	13	16.70	16.70	16.72	17.00
		25	0	16.62	16.71	16.76	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	16.46	16.65	16.53	17.00
		1	25	16.73	16.66	16.74	17.00
		1	49	16.57	16.69	16.61	17.00
		25	0	16.40	16.76	16.62	17.00
		25	13	16.62	16.67	16.61	17.00
		25	25	16.50	16.74	16.63	17.00
		50	0	16.49	16.58	16.54	17.00
	16QAM	1	0	16.56	16.60	16.70	17.00
		1	25	16.74	16.69	16.64	17.00
		1	49	16.74	16.67	16.64	17.00
		25	0	16.56	16.74	16.71	17.00
		25	13	16.70	16.78	16.69	17.00
		25	25	16.68	16.66	16.74	17.00
		50	0	16.73	16.75	16.81	17.00
	64QAM	1	0	16.64	16.77	16.78	17.00
		1	25	16.75	16.79	16.77	17.00
		1	49	16.86	16.73	16.74	17.00
		25	0	16.56	16.72	16.65	17.00
		25	13	16.65	16.61	16.76	17.00
		25	25	16.63	16.81	16.71	17.00
		50	0	16.56	16.85	16.75	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	16.56	16.67	16.55	17.00
		1	38	16.72	16.78	16.69	17.00
		1	74	16.57	16.64	16.67	17.00
		36	0	16.44	16.68	16.69	17.00
		36	18	16.51	16.67	16.73	17.00
		36	39	16.49	16.64	16.65	17.00
		75	0	16.48	16.51	16.53	17.00
	16QAM	1	0	16.56	16.56	16.71	17.00
		1	38	16.75	16.65	16.74	17.00
		1	74	16.69	16.60	16.69	17.00
		36	0	16.64	16.69	16.80	17.00
		36	18	16.71	16.69	16.79	17.00
		36	39	16.73	16.65	16.73	17.00
		75	0	16.66	16.80	16.71	17.00
	64QAM	1	0	16.62	16.77	16.78	17.00
		1	38	16.79	16.79	16.77	17.00
		1	74	16.86	16.75	16.65	17.00

		36	0	16.63	16.79	16.62	17.00
		36	18	16.62	16.61	16.78	17.00
		36	39	16.59	16.69	16.71	17.00
		75	0	16.62	16.75	16.74	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300	
20MHz	QPSK	1	0	16.53	16.62	16.57	17.00
		1	50	16.67	16.73	16.76	17.00
		1	99	16.57	16.70	16.65	17.00
		50	0	16.47	16.72	16.64	17.00
		50	25	16.56	16.65	16.66	17.00
		50	50	16.53	16.67	16.61	17.00
		100	0	16.53	16.55	16.60	17.00
	16QAM	1	0	16.60	16.53	16.67	17.00
		1	50	16.69	16.68	16.70	17.00
		1	99	16.73	16.62	16.63	17.00
		50	0	16.63	16.74	16.75	17.00
		50	25	16.72	16.72	16.75	17.00
		50	50	16.70	16.71	16.72	17.00
		100	0	16.72	16.78	16.76	17.00
	64QAM	1	0	16.61	16.74	16.81	17.00
		1	50	16.81	16.80	16.83	17.00
		1	99	16.82	16.78	16.72	17.00
		50	0	16.63	16.78	16.66	17.00
		50	25	16.69	16.68	16.79	17.00
		50	50	16.66	16.76	16.69	17.00
		100	0	16.59	16.78	16.69	17.00

LTE Band 4 DSI 4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	21.07	21.02	21.07	21.50
		1	2	21.10	21.26	21.20	21.50
		1	5	21.18	21.13	21.02	21.50
		3	0	21.06	21.18	21.10	21.50
		3	2	21.04	21.23	21.22	21.50
		3	3	21.15	21.13	21.05	21.50
		6	0	19.99	20.07	20.04	20.50
	16QAM	1	0	20.10	20.12	20.15	20.50
		1	2	20.20	20.28	20.18	20.50
		1	5	20.20	20.23	20.11	20.50
		3	0	20.13	20.27	20.30	20.50
		3	2	20.26	20.21	20.33	20.50
		3	3	20.25	20.31	20.19	20.50
		6	0	19.25	19.24	19.15	19.50
	64QAM	1	0	19.14	19.15	19.23	19.50
		1	2	19.34	19.37	19.29	19.50
		1	5	19.31	19.35	19.22	19.50
		3	0	19.15	19.27	19.30	19.50
		3	2	19.22	19.21	19.32	19.50
		3	3	19.18	19.40	19.15	19.50
		6	0	18.10	18.28	18.17	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	21.01	21.06	21.05	21.50
		1	7	21.06	21.18	21.25	21.50
		1	14	21.06	21.15	21.06	21.50
		8	0	19.98	20.10	20.06	20.50
		8	4	20.13	20.16	20.13	20.50
		8	7	20.05	20.17	20.11	20.50
		15	0	20.00	20.07	20.09	20.50
	16QAM	1	0	20.12	20.11	20.18	20.50
		1	7	20.17	20.26	20.20	20.50
		1	14	20.18	20.22	20.10	20.50
		8	0	19.16	19.29	19.20	19.50
		8	4	19.14	19.18	19.22	19.50
		8	7	19.18	19.24	19.14	19.50
		15	0	19.17	19.31	19.24	19.50
	64QAM	1	0	19.18	19.29	19.18	19.50
		1	7	19.31	19.41	19.32	19.50
		1	14	19.33	19.23	19.31	19.50
		8	0	18.06	18.20	18.24	18.50
		8	4	18.29	18.14	18.20	18.50
		8	7	18.12	18.36	18.16	18.50
		15	0	18.10	18.32	18.22	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	20.98	21.04	21.02	21.50
		1	13	21.10	21.28	21.14	21.50
		1	24	21.11	21.20	21.05	21.50
		12	0	19.98	20.18	20.04	20.50
		12	6	20.02	20.16	20.12	20.50
		12	13	20.01	20.13	20.12	20.50
		25	0	20.12	20.14	20.02	20.50
	16QAM	1	0	20.13	20.14	20.21	20.50

		1	13	20.07	20.20	20.18	20.50
		1	24	20.11	20.15	20.12	20.50
		12	0	19.16	19.24	19.19	19.50
		12	6	19.18	19.20	19.28	19.50
		12	13	19.11	19.32	19.25	19.50
		25	0	19.29	19.29	19.19	19.50
	64QAM	1	0	19.18	19.17	19.20	19.50
		1	13	19.23	19.43	19.43	19.50
		1	24	19.22	19.31	19.21	19.50
		12	0	18.13	18.26	18.28	18.50
		12	6	18.23	18.13	18.30	18.50
		12	13	18.24	18.37	18.13	18.50
		25	0	18.19	18.24	18.17	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	21.03	21.04	21.05	21.50
		1	25	21.08	21.21	21.22	21.50
		1	49	21.10	21.10	21.03	21.50
		25	0	20.08	20.11	20.14	20.50
		25	13	20.10	20.20	20.09	20.50
		25	25	20.11	20.17	20.04	20.50
		50	0	19.99	20.09	20.00	20.50
	16QAM	1	0	20.11	20.12	20.12	20.50
		1	25	20.21	20.24	20.17	20.50
		1	49	20.16	20.24	20.10	20.50
		25	0	19.10	19.30	19.19	19.50
		25	13	19.13	19.23	19.32	19.50
		25	25	19.18	19.28	19.21	19.50
		50	0	19.17	19.25	19.16	19.50
	64QAM	1	0	19.24	19.24	19.30	19.50
		1	25	19.25	19.34	19.35	19.50
		1	49	19.28	19.25	19.21	19.50
		25	0	18.18	18.26	18.20	18.50
		25	13	18.27	18.21	18.28	18.50
		25	25	18.14	18.31	18.15	18.50
		50	0	18.13	18.22	18.15	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	20.95	21.00	21.02	21.50
		1	38	21.17	21.15	21.23	21.50
		1	74	21.09	21.18	21.05	21.50
		36	0	20.01	20.10	20.16	20.50
		36	18	20.15	20.18	20.19	20.50
		36	39	20.09	20.12	20.04	20.50
		75	0	20.01	20.09	20.07	20.50
	16QAM	1	0	20.08	20.08	20.16	20.50
		1	38	20.21	20.18	20.19	20.50
		1	74	20.15	20.24	20.17	20.50
		36	0	19.19	19.31	19.28	19.50
		36	18	19.15	19.23	19.18	19.50
		36	39	19.16	19.20	19.22	19.50
		75	0	19.27	19.32	19.15	19.50
	64QAM	1	0	19.16	19.26	19.32	19.50
		1	38	19.26	19.35	19.37	19.50
		1	74	19.28	19.33	19.28	19.50
		36	0	18.08	18.18	18.24	18.50
		36	18	18.27	18.13	18.23	18.50
		36	39	18.21	18.31	18.17	18.50

		75	0	18.13	18.27	18.24	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300	
20MHz	QPSK	1	0	21.00	21.07	21.08	21.50
		1	50	21.11	21.22	21.21	21.50
		1	99	21.12	21.15	21.09	21.50
		50	0	20.01	20.16	20.11	20.50
		50	25	20.09	20.14	20.16	20.50
		50	50	20.06	20.17	20.06	20.50
		100	0	20.05	20.10	20.07	20.50
	16QAM	1	0	20.06	20.09	20.14	20.50
		1	50	20.14	20.22	20.24	20.50
		1	99	20.18	20.17	20.16	20.50
		50	0	19.14	19.24	19.21	19.50
		50	25	19.20	19.22	19.25	19.50
		50	50	19.18	19.26	19.20	19.50
		100	0	19.22	19.28	19.22	19.50
	64QAM	1	0	19.17	19.22	19.25	19.50
		1	50	19.27	19.36	19.36	19.50
		1	99	19.28	19.29	19.24	19.50
		50	0	18.12	18.24	18.21	18.50
		50	25	18.22	18.20	18.25	18.50
		50	50	18.19	18.31	18.20	18.50
		100	0	18.13	18.25	18.19	18.50

LTE Band 4 DSI 5/8/9/10				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	15.44	15.58	15.56	16.00
		1	2	15.61	15.70	15.65	16.00
		1	5	15.64	15.71	15.65	16.00
		3	0	15.36	15.81	15.67	16.00
		3	2	15.60	15.68	15.72	16.00
		3	3	15.52	15.66	15.57	16.00
		6	0	15.61	15.56	15.62	16.00
	16QAM	1	0	15.53	15.48	15.59	16.00
		1	2	15.80	15.61	15.71	16.00
		1	5	15.79	15.65	15.61	16.00
		3	0	15.58	15.72	15.72	16.00
		3	2	15.70	15.67	15.74	16.00
		3	3	15.74	15.70	15.69	16.00
		6	0	15.80	15.77	15.85	16.00
	64QAM	1	0	15.60	15.73	15.80	16.00
		1	2	15.88	15.87	15.92	16.00
		1	5	15.84	15.90	15.70	16.00
		3	0	15.54	15.75	15.56	16.00
		3	2	15.74	15.72	15.76	16.00
		3	3	15.71	15.74	15.70	16.00
		6	0	15.65	15.69	15.71	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19965	20175	20385	
3MHz	QPSK	1	0	15.49	15.66	15.55	16.00
		1	7	15.70	15.78	15.69	16.00
		1	14	15.67	15.61	15.75	16.00
		8	0	15.40	15.76	15.62	16.00
		8	4	15.51	15.70	15.66	16.00
		8	7	15.58	15.73	15.59	16.00
		15	0	15.53	15.43	15.55	16.00
	16QAM	1	0	15.64	15.53	15.60	16.00
		1	7	15.74	15.64	15.69	16.00
		1	14	15.68	15.56	15.61	16.00
		8	0	15.64	15.69	15.85	16.00
		8	4	15.75	15.66	15.74	16.00
		8	7	15.76	15.68	15.81	16.00
		15	0	15.67	15.76	15.86	16.00
	64QAM	1	0	15.59	15.78	15.89	16.00
		1	7	15.84	15.88	15.84	16.00
		1	14	15.73	15.76	15.80	16.00
		8	0	15.57	15.83	15.60	16.00
		8	4	15.66	15.64	15.78	16.00
		8	7	15.59	15.67	15.68	16.00
		15	0	15.57	15.74	15.66	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	15.49	15.55	15.55	16.00
		1	13	15.72	15.71	15.66	16.00
		1	24	15.64	15.68	15.71	16.00
		12	0	15.41	15.74	15.60	16.00
		12	6	15.57	15.73	15.62	16.00
		12	13	15.63	15.72	15.63	16.00
		25	0	15.53	15.50	15.52	16.00
	16QAM	1	0	15.51	15.50	15.63	16.00

		1	13	15.69	15.62	15.76	16.00
		1	24	15.75	15.61	15.68	16.00
		12	0	15.55	15.67	15.76	16.00
		12	6	15.73	15.78	15.79	16.00
		12	13	15.79	15.74	15.81	16.00
		25	0	15.70	15.86	15.79	16.00
	64QAM	1	0	15.71	15.80	15.83	16.00
		1	13	15.80	15.82	15.80	16.00
		1	24	15.80	15.87	15.79	16.00
		12	0	15.54	15.73	15.63	16.00
		12	6	15.69	15.70	15.73	16.00
		12	13	15.61	15.72	15.70	16.00
		25	0	15.63	15.66	15.68	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20000	20175	20350	
10MHz	QPSK	1	0	15.49	15.65	15.56	16.00
		1	25	15.62	15.70	15.78	16.00
		1	49	15.62	15.68	15.68	16.00
		25	0	15.45	15.68	15.70	16.00
		25	13	15.54	15.69	15.70	16.00
		25	25	15.56	15.65	15.57	16.00
		50	0	15.61	15.45	15.54	16.00
	16QAM	1	0	15.53	15.54	15.69	16.00
		1	25	15.80	15.70	15.70	16.00
		1	49	15.75	15.58	15.64	16.00
		25	0	15.65	15.72	15.83	16.00
		25	13	15.71	15.65	15.87	16.00
		25	25	15.76	15.78	15.77	16.00
		50	0	15.68	15.89	15.81	16.00
	64QAM	1	0	15.64	15.70	15.84	16.00
		1	25	15.88	15.81	15.85	16.00
		1	49	15.86	15.87	15.69	16.00
		25	0	15.57	15.86	15.65	16.00
		25	13	15.74	15.72	15.72	16.00
		25	25	15.68	15.65	15.58	16.00
		50	0	15.60	15.79	15.77	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	15.52	15.58	15.63	16.00
		1	38	15.70	15.79	15.68	16.00
		1	74	15.57	15.65	15.66	16.00
		36	0	15.41	15.67	15.60	16.00
		36	18	15.49	15.63	15.73	16.00
		36	39	15.49	15.68	15.61	16.00
		75	0	15.52	15.56	15.56	16.00
	16QAM	1	0	15.60	15.46	15.57	16.00
		1	38	15.79	15.65	15.73	16.00
		1	74	15.73	15.52	15.66	16.00
		36	0	15.61	15.64	15.82	16.00
		36	18	15.73	15.72	15.76	16.00
		36	39	15.70	15.71	15.79	16.00
		75	0	15.79	15.75	15.83	16.00
	64QAM	1	0	15.71	15.81	15.82	16.00
		1	38	15.88	15.90	15.83	16.00
		1	74	15.85	15.89	15.71	16.00
		36	0	15.61	15.78	15.69	16.00
		36	18	15.70	15.64	15.80	16.00
		36	39	15.71	15.66	15.66	16.00

		75	0	15.57	15.73	15.66	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300	
20MHz	QPSK	1	0	15.51	15.6	15.57	16.00
		1	50	15.65	15.75	15.72	16.00
		1	99	15.61	15.68	15.71	16.00
		50	0	15.41	15.74	15.67	16.00
		50	25	15.53	15.68	15.69	16.00
		50	50	15.56	15.72	15.57	16.00
		100	0	15.54	15.49	15.59	16.00
	16QAM	1	0	15.57	15.47	15.64	16.00
		1	50	15.74	15.68	15.73	16.00
		1	99	15.75	15.59	15.61	16.00
		50	0	15.58	15.71	15.78	16.00
		50	25	15.7	15.72	15.81	16.00
		50	50	15.73	15.72	15.75	16.00
		100	0	15.73	15.82	15.79	16.00
	64QAM	1	0	15.66	15.74	15.83	16.00
		1	50	15.85	15.84	15.85	16.00
		1	99	15.79	15.83	15.74	16.00
		50	0	15.61	15.79	15.63	16.00
		50	25	15.68	15.66	15.78	16.00
		50	50	15.65	15.72	15.65	16.00
		100	0	15.59	15.72	15.71	16.00

LTE Band 7 DSI 4				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	20.23	20.38	20.38	21.00
		1	13	20.48	20.47	20.41	21.00
		1	24	20.31	20.34	20.40	21.00
		12	0	19.26	19.40	19.44	20.00
		12	6	19.51	19.49	19.44	20.00
		12	13	19.41	19.45	19.25	20.00
		25	0	19.41	19.37	19.36	20.00
	16QAM	1	0	19.51	19.41	19.34	20.00
		1	13	19.49	19.57	19.52	20.00
		1	24	19.45	19.38	19.39	20.00
		12	0	18.31	18.34	18.39	19.00
		12	6	18.39	18.46	18.25	19.00
		12	13	18.45	18.37	18.25	19.00
		25	0	18.26	18.32	18.29	19.00
	64QAM	1	0	18.27	18.28	18.17	19.00
		1	13	18.42	18.33	18.45	19.00
		1	24	18.40	18.29	18.34	19.00
		12	0	17.41	17.33	17.45	18.00
		12	6	17.38	17.36	17.30	18.00
		12	13	17.50	17.20	17.21	18.00
		25	0	17.27	17.34	17.38	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	20.28	20.40	20.28	21.00
		1	25	20.44	20.50	20.48	21.00
		1	49	20.35	20.32	20.33	21.00
		25	0	19.31	19.44	19.54	20.00
		25	13	19.53	19.48	19.37	20.00
		25	25	19.39	19.38	19.22	20.00
		50	0	19.38	19.40	19.44	20.00
	16QAM	1	0	19.51	19.32	19.39	20.00
		1	25	19.47	19.55	19.53	20.00
		1	49	19.41	19.41	19.30	20.00
		25	0	18.35	18.33	18.44	19.00
		25	13	18.34	18.34	18.28	19.00
		25	25	18.54	18.33	18.31	19.00
		50	0	18.35	18.42	18.21	19.00
	64QAM	1	0	18.34	18.31	18.18	19.00
		1	25	18.46	18.44	18.42	19.00
		1	49	18.35	18.33	18.38	19.00
		25	0	17.28	17.38	17.34	18.00
		25	13	17.31	17.45	17.30	18.00
		25	25	17.48	17.19	17.13	18.00
		50	0	17.24	17.46	17.28	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	20.19	20.39	20.39	21.00
		1	38	20.51	20.55	20.48	21.00
		1	74	20.32	20.37	20.31	21.00
		36	0	19.36	19.33	19.55	20.00
		36	18	19.39	19.47	19.46	20.00
		36	39	19.36	19.44	19.23	20.00
		75	0	19.41	19.46	19.48	20.00
	16QAM	1	0	19.41	19.40	19.39	20.00

		1	38	19.52	19.54	19.47	20.00
		1	74	19.39	19.43	19.41	20.00
		36	0	18.44	18.32	18.43	19.00
		36	18	18.42	18.47	18.25	19.00
		36	39	18.42	18.31	18.29	19.00
		75	0	18.26	18.41	18.35	19.00
	64QAM	1	0	18.34	18.32	18.23	19.00
		1	38	18.49	18.43	18.42	19.00
		1	74	18.29	18.30	18.31	19.00
		36	0	17.32	17.34	17.39	18.00
		36	18	17.28	17.41	17.33	18.00
		36	39	17.37	17.23	17.17	18.00
		75	0	17.28	17.46	17.37	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	20.26	20.34	20.33	21.00
		1	50	20.46	20.52	20.44	21.00
		1	99	20.35	20.31	20.36	21.00
		50	0	19.29	19.39	19.51	20.00
		50	25	19.46	19.43	19.39	20.00
		50	50	19.36	19.39	19.21	20.00
		100	0	19.35	19.4	19.42	20.00
	16QAM	1	0	19.46	19.35	19.41	20.00
		1	50	19.52	19.51	19.5	20.00
		1	99	19.44	19.43	19.37	20.00
		50	0	18.37	18.39	18.44	19.00
		50	25	18.4	18.41	18.3	19.00
		50	50	18.47	18.35	18.26	19.00
		100	0	18.32	18.38	18.28	19.00
	64QAM	1	0	18.29	18.27	18.24	19.00
		1	50	18.45	18.40	18.46	19.00
		1	99	18.34	18.33	18.31	19.00
		50	0	17.35	17.33	17.39	18.00
		50	25	17.35	17.41	17.37	18.00
		50	50	17.43	17.26	17.20	18.00
		100	0	17.29	17.39	17.33	18.00

LTE Band 7 DSI 2/3/5/8/9/10				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	16.38	16.38	16.33	17.00
		1	13	16.38	16.48	16.25	17.00
		1	24	16.34	16.33	16.25	17.00
		12	0	16.37	16.39	16.41	17.00
		12	6	16.26	16.39	16.34	17.00
		12	13	16.47	16.44	16.17	17.00
		25	0	16.35	16.40	16.36	17.00
	16QAM	1	0	16.45	16.48	16.39	17.00
		1	13	16.55	16.56	16.52	17.00
		1	24	16.50	16.45	16.32	17.00
		12	0	16.36	16.44	16.30	17.00
		12	6	16.42	16.42	16.32	17.00
		12	13	16.37	16.33	16.32	17.00
		25	0	16.40	16.40	16.24	17.00
	64QAM	1	0	16.30	16.38	16.27	17.00
		1	13	16.36	16.38	16.39	17.00
		1	24	16.46	16.26	16.30	17.00
		12	0	16.26	16.41	16.44	17.00
		12	6	16.28	16.34	16.25	17.00
		12	13	16.44	16.35	16.35	17.00
		25	0	16.35	16.39	16.33	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	16.38	16.31	16.35	17.00
		1	25	16.39	16.52	16.35	17.00
		1	49	16.37	16.44	16.17	17.00
		25	0	16.33	16.41	16.43	17.00
		25	13	16.32	16.41	16.32	17.00
		25	25	16.39	16.36	16.21	17.00
		50	0	16.34	16.47	16.35	17.00
	16QAM	1	0	16.40	16.42	16.48	17.00
		1	25	16.52	16.45	16.45	17.00
		1	49	16.53	16.44	16.33	17.00
		25	0	16.27	16.38	16.29	17.00
		25	13	16.32	16.36	16.36	17.00
		25	25	16.47	16.24	16.31	17.00
		50	0	16.34	16.41	16.21	17.00
	64QAM	1	0	16.37	16.40	16.29	17.00
		1	25	16.38	16.37	16.41	17.00
		1	49	16.47	16.31	16.29	17.00
		25	0	16.24	16.46	16.36	17.00
		25	13	16.37	16.31	16.15	17.00
		25	25	16.42	16.34	16.34	17.00
		50	0	16.29	16.40	16.38	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	16.35	16.45	16.34	17.00
		1	38	16.34	16.40	16.25	17.00
		1	74	16.33	16.38	16.31	17.00
		36	0	16.29	16.32	16.46	17.00
		36	18	16.38	16.46	16.28	17.00
		36	39	16.44	16.35	16.12	17.00
		75	0	16.35	16.48	16.35	17.00
	16QAM	1	0	16.41	16.43	16.47	17.00

		1	38	16.47	16.55	16.44	17.00
		1	74	16.51	16.42	16.25	17.00
		36	0	16.23	16.36	16.27	17.00
		36	18	16.30	16.46	16.36	17.00
		36	39	16.48	16.28	16.22	17.00
		75	0	16.27	16.30	16.28	17.00
	64QAM	1	0	16.30	16.40	16.32	17.00
		1	38	16.33	16.39	16.40	17.00
		1	74	16.54	16.34	16.32	17.00
		36	0	16.35	16.39	16.43	17.00
		36	18	16.40	16.38	16.14	17.00
		36	39	16.43	16.26	16.32	17.00
		75	0	16.30	16.34	16.29	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	16.71	16.78	16.71	17.00
		1	50	16.79	16.85	16.72	17.00
		1	99	16.76	16.78	16.64	17.00
		50	0	16.75	16.78	16.8	17.00
		50	25	16.72	16.83	16.74	17.00
		50	50	16.8	16.78	16.58	17.00
		100	0	16.75	16.82	16.69	17.00
	16QAM	1	0	16.82	16.85	16.81	17.00
		1	50	16.92	16.91	16.88	17.00
		1	99	16.91	16.82	16.69	17.00
		50	0	16.7	16.83	16.7	17.00
		50	25	16.75	16.8	16.78	17.00
		50	50	16.81	16.71	16.65	17.00
		100	0	16.74	16.77	16.68	17.00
	64QAM	1	0	16.76	16.82	16.72	17.00
		1	50	16.77	16.84	16.75	17.00
		1	99	16.88	16.71	16.73	17.00
		50	0	16.70	16.83	16.77	17.00
		50	25	16.73	16.73	16.60	17.00
		50	50	16.88	16.71	16.77	17.00
		100	0	16.74	16.78	16.74	17.00

5 Conducted Power of Intra Band LTE Uplink CA

5.1 Conducted Power of LTE Uplink CA (Ant13)

Combination	Modulation	PCC						SCC					DSI 2/3		DSI 4		DSI 5		DSI 8/9/10	
		Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	DL Channel	Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Power	Tune-up(dBm)	Power	Tune-up(dBm)	Power	Tune-up(dBm)	Power	Tune-up(dBm)
CA_7C	QPSK	7	20	20850	1	99	2850	7	20	21048	1	0	16.83	17.90	22.84	23.90	18.88	19.90	17.79	18.90
CA_7C	QPSK	7	20	21100	1	99	3100	7	20	21298	1	0	16.66	17.90	22.64	23.90	18.67	19.90	17.65	18.90
CA_7C	QPSK	7	20	21100	1	0	3100	7	20	20902	1	99	16.74	17.90	22.72	23.90	18.77	19.90	17.71	18.90
CA_7C	QPSK	7	20	21350	1	0	3350	7	20	21152	1	99	16.72	17.90	22.75	23.90	18.66	19.90	17.85	18.90

Combination	Modulation	PCC						SCC					DSI 2/3		DSI 4		DSI 5/8/9/10	
		Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	DL Channel	Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Power	Tune-up(dBm)	Power	Tune-up(dBm)	Power	Tune-up(dBm)
CA_38C	QPSK	38	20	37850	1	99	37850	38	20	38048	1	0	18.77	20.00	23.72	25.00	19.25	20.50
CA_38C	QPSK	38	20	37901	1	99	37850	38	20	38099	1	0	18.74	20.00	23.68	25.00	19.21	20.50
CA_38C	QPSK	38	20	38099	1	0	37850	38	20	37901	1	99	18.74	20.00	23.68	25.00	19.21	20.50
CA_38C	QPSK	38	20	38150	1	0	37850	38	20	37952	1	99	18.69	20.00	23.66	25.00	19.15	20.50

Combination	Modulation	PCC						SCC					DSI 2/3		DSI 4		DSI 5/8/9/10	
		Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	DL Channel	Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Power	Tune-up(dBm)	Power	Tune-up(dBm)	Power	Tune-up(dBm)
CA_41C	QPSK	41	20	39750	1	99	39750	41	20	39948	1	0	17.61	19.00	23.61	25.00	19.05	20.50
CA_41C	QPSK	41	20	40185	1	99	40185	41	20	40383	1	0	17.56	19.00	23.53	25.00	18.99	20.50
CA_41C	QPSK	41	20	40620	1	99	40620	41	20	40818	1	0	17.71	19.00	23.66	25.00	19.14	20.50
CA_41C	QPSK	41	20	40620	1	0	40620	41	20	40422	1	99	17.83	19.00	23.79	25.00	19.28	20.50
CA_41C	QPSK	41	20	41055	1	0	41055	41	20	40857	1	99	17.70	19.00	23.67	25.00	19.15	20.50
CA_41C	QPSK	41	20	41490	1	0	41490	41	20	41292	1	99	17.91	19.00	23.91	25.00	19.31	20.50

5.2 Conducted Power of LTE Uplink CA (Ant31)

Combination	Modulation	PCC						SCC					DSI 2/3		DSI 4/5		DSI 8/9/10	
		Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	DL Channel	Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Power	Tune-up(dBm)	Power	Tune-up(dBm)	Power	Tune-up(dBm)
CA_7C	QPSK	7	20	20850	1	99	2850	7	20	21048	1	0	22.99	23.90	20.91	21.90	19.38	20.40
CA_7C	QPSK	7	20	21100	1	99	3100	7	20	21298	1	0	23.07	23.90	20.81	21.90	19.25	20.40
CA_7C	QPSK	7	20	21100	1	0	3100	7	20	20902	1	99	22.76	23.90	20.85	21.90	19.30	20.40
CA_7C	QPSK	7	20	21350	1	0	3350	7	20	21152	1	99	22.81	23.90	20.88	21.90	19.38	20.40

Combination	Modulation	PCC						SCC					DSI 2/3		DSI 4/5/8/9/10	
		Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	DL Channel	Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Power	Tune-up(dBm)	Power	Tune-up(dBm)
CA_38C	QPSK	38	20	37850	1	99	37850	38	20	38048	1	0	23.84	25.00	22.39	23.50
CA_38C	QPSK	38	20	37901	1	99	37850	38	20	38099	1	0	23.85	25.00	23.38	23.50
CA_38C	QPSK	38	20	38099	1	0	37850	38	20	37901	1	99	23.80	25.00	22.37	23.50
CA_38C	QPSK	38	20	38150	1	0	37850	38	20	37952	1	99	23.77	25.00	22.33	23.50

Combination	Modulation	PCC						SCC					DSI 2/3		DSI 4/5/8/9/10	
		Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	DL Channel	Band	BW (MHz)	UL Channel	UL# RB	UL RB Offset	Power	Tune-up(dBm)	Power	Tune-up(dBm)
CA_41C	QPSK	41	20	39750	1	99	39750	41	20	39948	1	0	23.72	25.00	22.02	23.00
CA_41C	QPSK	41	20	40185	1	99	40185	41	20	40383	1	0	23.76	25.00	22.06	23.00
CA_41C	QPSK	41	20	40620	1	99	40620	41	20	40818	1	0	23.82	25.00	22.14	23.00
CA_41C	QPSK	41	20	40620	1	0	40620	41	20	40422	1	99	23.92	25.00	22.23	23.00
CA_41C	QPSK	41	20	41055	1	0	41055	41	20	40857	1	99	23.90	25.00	22.22	23.00
CA_41C	QPSK	41	20	41490	1	0	41490	41	20	41292	1	99	23.97	25.00	22.29	23.00

6 Conducted Power of Intra Band LTE Downlink CA

6.1 Conducted Power of LTE Downlink CA(Ant11)

DL LTE CA Class (DSI 2/3)	PCC							SCC1				Power		
	LTE Band	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	DL LTE CA Tx.Power	LTE Rel 8 Tx.Power	Tune-up
CA_7C	Band 7	20M	2510	20850	QPSK	1	0	Band 7	20M	2649.8	3048	16.01	16.21	17.0
	Band 7	20M	2535	21100	QPSK	1	0	Band 7	20M	2674.8	3298	16.00	16.27	17.0
	Band 7	20M	2560	21350	QPSK	1	0	Band 7	20M	2660.2	3152	15.98	16.24	17.0
CA_4A-4A	Band 4	20M	1720	20050	QPSK	1	0	Band 4	5M	2152.5	2375	16.05	16.27	17.0
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 4	5M	2152.5	2375	16.02	16.25	17.0
	Band 4	20M	1745	20300	QPSK	1	0	Band 4	5M	2112.5	1975	16.00	16.15	17.0
CA_7A-7A	Band 7	20M	2510	20850	QPSK	1	0	Band 7	5M	2687.5	3425	16.10	16.15	17.0
	Band 7	20M	2535	21100	QPSK	1	0	Band 7	5M	2687.5	3425	15.93	16.16	17.0
	Band 7	20M	2560	21350	QPSK	1	0	Band 7	5M	2622.5	2775	15.94	16.21	17.0
CA_4A-5A	Band 4	20M	1720	20050	QPSK	1	0	Band 5	10M	881.5	2525	15.99	16.26	17.0
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 5	10M	881.5	2525	16.00	16.24	17.0
	Band 4	20M	1745	20300	QPSK	1	0	Band 5	10M	881.5	2525	16.01	16.30	17.0
	Band 5	10M	829	20450	QPSK	1	0	Band 4	20M	2132.5	2175	23.55	23.79	24.5
	Band 5	10M	836.5	20525	QPSK	1	0	Band 4	20M	2132.5	2175	23.57	23.60	24.5
	Band 5	10M	844	20600	QPSK	1	0	Band 4	20M	2132.5	2175	23.40	23.63	24.5
CA_4A-7A	Band 4	20M	1720	20050	QPSK	1	0	Band 7	20M	2655.0	3100	15.91	16.20	17.0
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 7	20M	2655.0	3100	16.05	16.23	17.0
	Band 4	20M	1745	20300	QPSK	1	0	Band 7	20M	2655.0	3100	16.09	16.28	17.0
	Band 7	20M	2510	20850	QPSK	1	0	Band 4	20M	2132.5	2175	16.02	16.18	17.0
	Band 7	20M	2535	21100	QPSK	1	0	Band 4	20M	2132.5	2175	16.02	16.23	17.0
	Band 7	20M	2560	21350	QPSK	1	0	Band 4	20M	2132.5	2175	15.96	16.13	17.0

DL LTE CA Class (DSI 4)	PCC							SCC1				Power		
	LTE Band	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	DL LTE CA Tx.Power	LTE Rel 8 Tx.Power	Tune-up
CA_7C	Band 7	20M	2510	20850	QPSK	1	0	Band 7	20M	2649.8	3048	20.04	20.20	21.0
	Band 7	20M	2535	21100	QPSK	1	0	Band 7	20M	2674.8	3298	19.91	20.20	21.0
	Band 7	20M	2560	21350	QPSK	1	0	Band 7	20M	2660.2	3152	19.94	20.30	21.0
CA_4A-4A	Band 4	20M	1720	20050	QPSK	1	0	Band 4	5M	2152.5	2375	20.56	20.74	21.5
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 4	5M	2152.5	2375	20.40	20.68	21.5
	Band 4	20M	1745	20300	QPSK	1	0	Band 4	5M	2112.5	1975	20.40	20.74	21.5
CA_7A-7A	Band 7	20M	2510	20850	QPSK	1	0	Band 7	5M	2687.5	3425	19.98	20.11	21.0
	Band 7	20M	2535	21100	QPSK	1	0	Band 7	5M	2687.5	3425	20.02	20.19	21.0
	Band 7	20M	2560	21350	QPSK	1	0	Band 7	5M	2622.5	2775	20.05	20.13	21.0
CA_4A-5A	Band 4	20M	1720	20050	QPSK	1	0	Band 5	10M	881.5	2525	20.55	20.78	21.5
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 5	10M	881.5	2525	20.52	20.75	21.5
	Band 4	20M	1745	20300	QPSK	1	0	Band 5	10M	881.5	2525	20.46	20.76	21.5
	Band 5	10M	829	20450	QPSK	1	0	Band 4	20M	2132.5	2175	23.55	23.71	24.5
	Band 5	10M	836.5	20525	QPSK	1	0	Band 4	20M	2132.5	2175	23.55	23.61	24.5
	Band 5	10M	844	20600	QPSK	1	0	Band 4	20M	2132.5	2175	23.57	23.73	24.5
CA_4A-7A	Band 4	20M	1720	20050	QPSK	1	0	Band 7	20M	2655.0	3100	20.56	20.71	21.5
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 7	20M	2655.0	3100	20.56	20.67	21.5
	Band 4	20M	1745	20300	QPSK	1	0	Band 7	20M	2655.0	3100	20.52	20.62	21.5
	Band 7	20M	2510	20850	QPSK	1	0	Band 4	20M	2132.5	2175	19.95	20.11	21.0
	Band 7	20M	2535	21100	QPSK	1	0	Band 4	20M	2132.5	2175	19.91	20.21	21.0
	Band 7	20M	2560	21350	QPSK	1	0	Band 4	20M	2132.5	2175	20.06	20.13	21.0

DL LTE CA Class (DSI DSI 5/8/9/10)	PCC							SCC1				Power		
	LTE Band	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	DL LTE CA Tx.Power	LTE Rel 8 Tx.Power	Tune-up
CA_7C	Band 7	20M	2510	20850	QPSK	1	0	Band 7	20M	2649.8	3048	16.03	16.17	17.0
	Band 7	20M	2535	21100	QPSK	1	0	Band 7	20M	2674.8	3298	16.07	16.23	17.0
	Band 7	20M	2560	21350	QPSK	1	0	Band 7	20M	2660.2	3152	16.09	16.27	17.0
CA_4A-4A	Band 4	20M	1720	20050	QPSK	1	0	Band 4	5M	2152.5	2375	15.08	15.19	16.0
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 4	5M	2152.5	2375	15.08	15.25	16.0
	Band 4	20M	1745	20300	QPSK	1	0	Band 4	5M	2112.5	1975	14.94	15.20	16.0
CA_7A-7A	Band 7	20M	2510	20850	QPSK	1	0	Band 7	5M	2687.5	3425	15.91	16.19	17.0
	Band 7	20M	2535	21100	QPSK	1	0	Band 7	5M	2687.5	3425	15.90	16.27	17.0
	Band 7	20M	2560	21350	QPSK	1	0	Band 7	5M	2622.5	2775	15.95	16.24	17.0
CA_4A-5A	Band 4	20M	1720	20050	QPSK	1	0	Band 5	10M	881.5	2525	14.96	15.26	16.0
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 5	10M	881.5	2525	14.93	15.23	16.0
	Band 4	20M	1745	20300	QPSK	1	0	Band 5	10M	881.5	2525	14.99	15.27	16.0
	Band 5	10M	829	20450	QPSK	1	0	Band 4	20M	2132.5	2175	23.40	23.73	24.5
	Band 5	10M	836.5	20525	QPSK	1	0	Band 4	20M	2132.5	2175	23.46	23.78	24.5
	Band 5	10M	844	20600	QPSK	1	0	Band 4	20M	2132.5	2175	23.47	23.78	24.5
CA_4A-7A	Band 4	20M	1720	20050	QPSK	1	0	Band 7	20M	2655.0	3100	15.01	15.26	16.0
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 7	20M	2655.0	3100	14.96	15.24	16.0
	Band 4	20M	1745	20300	QPSK	1	0	Band 7	20M	2655.0	3100	15.06	15.23	16.0
	Band 7	20M	2510	20850	QPSK	1	0	Band 4	20M	2132.5	2175	15.94	16.20	17.0
	Band 7	20M	2535	21100	QPSK	1	0	Band 4	20M	2132.5	2175	15.98	16.24	17.0
	Band 7	20M	2560	21350	QPSK	1	0	Band 4	20M	2132.5	2175	16.00	16.21	17.0

6.2 Conducted Power of LTE Downlink CA(Ant13)

DL LTE CA Class (DSI 2/3)	PCC							SCC1				Power		
	LTE Band	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	DL LTE CA Tx.Power	LTE Rel 8 Tx.Power	Tune-up
CA_7C	Band 7	20M	2510	20850	QPSK	1	0	Band 7	20M	2649.8	3048	16.97	17.13	17.9
	Band 7	20M	2535	21100	QPSK	1	0	Band 7	20M	2674.8	3298	16.80	17.10	17.9
	Band 7	20M	2560	21350	QPSK	1	0	Band 7	20M	2660.2	3152	16.91	17.00	17.9
CA_38C	Band 38	20M	2580	37850	QPSK	1	0	Band 38	20M	2599.8	38048	19.08	19.24	20.0
	Band 38	20M	2585.1	37901	QPSK	1	0	Band 38	20M	2604.9	38099	19.06	19.24	20.0
	Band 38	20M	2610	38150	QPSK	1	0	Band 38	20M	2590.2	37952	19.00	19.19	20.0
CA_41C	Band 41	20M	2506	39750	QPSK	1	0	Band 41	20M	2525.8	39948	18.07	18.14	19.0
	Band 41	20M	2549.5	40185	QPSK	1	0	Band 41	20M	2569.3	40383	17.93	18.23	19.0
	Band 41	20M	2593	40620	QPSK	1	0	Band 41	20M	2612.8	40818	17.97	18.29	19.0
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 41	20M	2656.3	41253	18.06	18.17	19.0
	Band 41	20M	2680	41490	QPSK	1	0	Band 41	20M	2660.2	41292	17.99	18.24	19.0
CA_66C	Band 66	20M	1720	132072	QPSK	1	0	Band 66	20M	2139.8	66734	16.10	16.25	17.0
	Band 66	20M	1745	132322	QPSK	1	0	Band 66	20M	2174.8	67084	15.99	16.11	17.0
	Band 66	20M	1770	132572	QPSK	1	0	Band 66	20M	2170.2	67038	16.01	16.14	17.0
CA_2A-2A	Band 2	20M	1860	18700	QPSK	1	0	Band 2	5M	1987.5	1175	12.93	13.09	13.9
	Band 2	20M	1880	18900	QPSK	1	0	Band 2	5M	1987.5	1175	12.87	13.06	13.9
	Band 2	20M	1900	19100	QPSK	1	0	Band 2	5M	1932.5	625	12.82	13.18	13.9
CA_4A-4A	Band 4	20M	1720	20050	QPSK	1	0	Band 4	5M	2152.5	2375	16.02	16.25	17.0
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 4	5M	2152.5	2375	15.97	16.15	17.0
	Band 4	20M	1745	20300	QPSK	1	0	Band 4	5M	2112.5	1975	15.91	16.12	17.0
CA_7A-7A	Band 7	20M	2510	20850	QPSK	1	0	Band 7	5M	2687.5	3425	16.88	17.01	17.9
	Band 7	20M	2535	21100	QPSK	1	0	Band 7	5M	2687.5	3425	16.83	17.02	17.9
	Band 7	20M	2560	21350	QPSK	1	0	Band 7	5M	2622.5	2775	16.82	17.04	17.9
CA_38A-38A	Band 38	20M	2510	20850	QPSK	1	0	Band 38	5M	2599.8	38048	19.10	19.20	20.0
	Band 38	20M	2535	21100	QPSK	1	0	Band 38	5M	2604.9	38099	19.00	19.17	20.0
	Band 38	20M	2560	21350	QPSK	1	0	Band 38	5M	2590.2	37952	19.03	19.19	20.0
CA_41A-41A	Band 41	20M	2506	39750	QPSK	1	0	Band 41	5M	2687.5	41565	18.06	18.24	19.0
	Band 41	20M	2549.5	40185	QPSK	1	0	Band 41	5M	2687.5	41565	17.95	18.12	19.0
	Band 41	20M	2593	40620	QPSK	1	0	Band 41	5M	2687.5	41565	18.05	18.27	19.0
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 41	5M	2498.5	39675	18.04	18.24	19.0
	Band 41	20M	2680	41490	QPSK	1	0	Band 41	5M	2498.5	39675	18.10	18.10	19.0
CA_66A-66A	Band 66	20M	1720	132072	QPSK	1	0	Band 66	5M	2197.5	67311	16.06	16.13	17.0
	Band 66	20M	1745	132322	QPSK	1	0	Band 66	5M	2197.5	67311	16.03	16.28	17.0
	Band 66	20M	1770	132572	QPSK	1	0	Band 66	5M	2112.5	66461	15.99	16.13	17.0
CA_2A-4A	Band 2	20M	1860	18700	QPSK	1	0	Band 4	20M	2132.5	2175	12.95	13.08	13.9
	Band 2	20M	1880	18900	QPSK	1	0	Band 4	20M	2132.5	2175	12.86	13.07	13.9
	Band 2	20M	1900	19100	QPSK	1	0	Band 4	20M	2132.5	2175	12.99	13.12	13.9
	Band 4	20M	1720	20050	QPSK	1	0	Band 2	20M	1960.0	900	15.96	16.16	17.0
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 2	20M	1960.0	900	15.97	16.21	17.0
	Band 4	20M	1745	20300	QPSK	1	0	Band 2	20M	1960.0	900	16.07	16.29	17.0
CA_2A-5A	Band 2	20M	1860	18700	QPSK	1	0	Band 5	10M	881.5	2525	12.86	13.04	13.9
	Band 2	20M	1880	18900	QPSK	1	0	Band 5	10M	881.5	2525	12.91	13.13	13.9
	Band 2	20M	1900	19100	QPSK	1	0	Band 5	10M	881.5	2525	12.94	13.13	13.9
	Band 5	10M	829	20450	QPSK	1	0	Band 2	20M	1960.0	900	20.58	20.70	21.5
	Band 5	10M	836.5	20525	QPSK	1	0	Band 2	20M	1960.0	900	20.45	20.76	21.5
	Band 5	10M	844	20600	QPSK	1	0	Band 2	20M	1960.0	900	20.42	20.80	21.5
CA_2A-7A	Band 2	20M	1860	18700	QPSK	1	0	Band 7	20M	2655.0	3100	12.90	13.20	13.9
	Band 2	20M	1880	18900	QPSK	1	0	Band 7	20M	2655.0	3100	12.96	13.14	13.9

	Band 2	20M	1900	19100	QPSK	1	0	Band 7	20M	2655.0	3100	12.98	13.14	13.9
	Band 7	20M	2510	20850	QPSK	1	0	Band 2	20M	1960.0	900	16.87	17.06	17.9
	Band 7	20M	2535	21100	QPSK	1	0	Band 2	20M	1960.0	900	16.84	17.02	17.9
	Band 7	20M	2560	21350	QPSK	1	0	Band 2	20M	1960.0	900	16.84	17.15	17.9
CA_2A-38A	Band 2	20M	1860	18700	QPSK	1	0	Band 38	20M	2599.8	38048	12.85	13.07	13.9
	Band 2	20M	1880	18900	QPSK	1	0	Band 38	20M	2604.9	38099	12.89	13.20	13.9
	Band 2	20M	1900	19100	QPSK	1	0	Band 38	20M	2590.2	37952	12.85	13.01	13.9
	Band 38	20M	2510	20850	QPSK	1	0	Band 2	20M	1960.0	900	19.05	19.12	20.0
	Band 38	20M	2535	21100	QPSK	1	0	Band 2	20M	1960.0	900	18.90	19.26	20.0
	Band 38	20M	2560	21350	QPSK	1	0	Band 2	20M	1960.0	900	19.01	19.15	20.0
CA_2A-66A	Band 2	20M	1860	18700	QPSK	1	0	Band 66	20M	2155.0	66886	12.92	13.00	13.9
	Band 2	20M	1880	18900	QPSK	1	0	Band 66	20M	2155.0	66886	12.88	13.17	13.9
	Band 2	20M	1900	19100	QPSK	1	0	Band 66	20M	2155.0	66886	12.81	13.06	13.9
	Band 66	20M	1720	132072	QPSK	1	0	Band 2	20M	1960.0	900	15.93	16.18	17.0
	Band 66	20M	1745	132322	QPSK	1	0	Band 2	20M	1960.0	900	16.04	16.24	17.0
	Band 66	20M	1770	132572	QPSK	1	0	Band 2	20M	1960.0	900	16.09	16.10	17.0
CA_4A-5A	Band 4	20M	1720	20050	QPSK	1	0	Band 5	10M	881.5	2525	15.94	16.22	17.0
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 5	10M	881.5	2525	15.95	16.24	17.0
	Band 4	20M	1745	20300	QPSK	1	0	Band 5	10M	881.5	2525	15.93	16.11	17.0
	Band 5	10M	829	20450	QPSK	1	0	Band 4	20M	2132.5	2175	20.58	20.72	21.5
	Band 5	10M	836.5	20525	QPSK	1	0	Band 4	20M	2132.5	2175	20.45	20.62	21.5
	Band 5	10M	844	20600	QPSK	1	0	Band 4	20M	2132.5	2175	20.59	20.74	21.5
CA_4A-7A	Band 4	20M	1720	20050	QPSK	1	0	Band 7	20M	2655.0	3100	16.02	16.23	17.0
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 7	20M	2655.0	3100	16.10	16.26	17.0
	Band 4	20M	1745	20300	QPSK	1	0	Band 7	20M	2655.0	3100	15.97	16.10	17.0
	Band 7	20M	2510	20850	QPSK	1	0	Band 4	20M	2132.5	2175	16.93	17.08	17.9
	Band 7	20M	2535	21100	QPSK	1	0	Band 4	20M	2132.5	2175	16.90	17.06	17.9
	Band 7	20M	2560	21350	QPSK	1	0	Band 4	20M	2132.5	2175	16.95	17.03	17.9
CA_5A-7A	Band 5	10M	829	20450	QPSK	1	0	Band 7	20M	2655.0	3100	20.51	20.66	21.5
	Band 5	10M	836.5	20525	QPSK	1	0	Band 7	20M	2655.0	3100	20.55	20.62	21.5
	Band 5	10M	844	20600	QPSK	1	0	Band 7	20M	2655.0	3100	20.43	20.65	21.5
	Band 7	20M	2510	20850	QPSK	1	0	Band 5	10M	881.5	2525	16.93	17.15	17.9
	Band 7	20M	2535	21100	QPSK	1	0	Band 5	10M	881.5	2525	16.85	17.18	17.9
	Band 7	20M	2560	21350	QPSK	1	0	Band 5	10M	881.5	2525	16.98	17.10	17.9
CA_5A-38A	Band 5	10M	829	20450	QPSK	1	0	Band 38	20M	2595.0	38000	20.59	20.63	21.5
	Band 5	10M	836.5	20525	QPSK	1	0	Band 38	20M	2595.0	38000	20.56	20.78	21.5
	Band 5	10M	844	20600	QPSK	1	0	Band 38	20M	2595.0	38000	20.46	20.72	21.5
	Band 38	20M	2580	37850	QPSK	1	0	Band 5	10M	881.5	2525	19.03	19.24	20.0
	Band 38	20M	2595	38000	QPSK	1	0	Band 5	10M	881.5	2525	18.91	19.11	20.0
	Band 38	20M	2610	38150	QPSK	1	0	Band 5	10M	881.5	2525	19.02	19.14	20.0
CA_5A-41A	Band 5	10M	829	20450	QPSK	1	0	Band 41	20M	2593.0	40620	20.50	20.79	21.5
	Band 5	10M	836.5	20525	QPSK	1	0	Band 41	20M	2593.0	40620	20.50	20.72	21.5
	Band 5	10M	844	20600	QPSK	1	0	Band 41	20M	2593.0	40620	20.54	20.60	21.5
	Band 41	20M	2506	39750	QPSK	1	0	Band 5	10M	881.5	2525	17.95	18.20	19.0
	Band 41	20M	2549.5	40185	QPSK	1	0	Band 5	10M	881.5	2525	18.06	18.21	19.0
	Band 41	20M	2593	40620	QPSK	1	0	Band 5	10M	881.5	2525	18.01	18.11	19.0
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 5	10M	881.5	2525	18.00	18.27	19.0
	Band 41	20M	2680	41490	QPSK	1	0	Band 5	10M	881.5	2525	17.99	18.16	19.0
CA_5A-66A	Band 5	10M	829	20450	QPSK	1	0	Band 66	20M	2155.0	66886	20.57	20.75	21.5
	Band 5	10M	836.5	20525	QPSK	1	0	Band 66	20M	2155.0	66886	20.54	20.61	21.5
	Band 5	10M	844	20600	QPSK	1	0	Band 66	20M	2155.0	66886	20.56	20.73	21.5
	Band 66	20M	1720	132072	QPSK	1	0	Band 5	10M	881.5	2525	15.93	16.19	17.0

	Band 66	20M	1745	132322	QPSK	1	0	Band 5	10M	881.5	2525	16.07	16.24	17.0
	Band 66	20M	1770	132572	QPSK	1	0	Band 5	10M	881.5	2525	15.96	16.30	17.0
CA_7A-26A	Band 7	20M	2510	20850	QPSK	1	0	Band 26	15M	876.5	8865	16.89	17.14	17.9
	Band 7	20M	2535	21100	QPSK	1	0	Band 26	15M	876.5	8865	16.80	17.06	17.9
	Band 7	20M	2560	21350	QPSK	1	0	Band 26	15M	876.5	8865	16.92	17.18	17.9
	Band 26	15M	821.5	26765	QPSK	1	0	Band 7	20M	2655.0	3100	20.97	21.22	22.0
	Band 26	15M	831.5	26865	QPSK	1	0	Band 7	20M	2655.0	3100	21.04	21.23	22.0
	Band 26	15M	841.5	26965	QPSK	1	0	Band 7	20M	2655.0	3100	20.95	21.25	22.0
	Band 26	15M	841.5	26965	QPSK	1	0	Band 7	20M	2655.0	3100	20.95	21.25	22.0
CA_7A-66A	Band 7	20M	2510	20850	QPSK	1	0	Band 66	20M	2155.0	66886	16.99	17.11	17.9
	Band 7	20M	2535	21100	QPSK	1	0	Band 66	20M	2155.0	66886	16.87	17.02	17.9
	Band 7	20M	2560	21350	QPSK	1	0	Band 66	20M	2155.0	66886	16.88	17.01	17.9
	Band 66	20M	1720	132072	QPSK	1	0	Band 7	20M	2655.0	3100	15.93	16.24	17.0
	Band 66	20M	1745	132322	QPSK	1	0	Band 7	20M	2655.0	3100	15.93	16.24	17.0
	Band 66	20M	1770	132572	QPSK	1	0	Band 7	20M	2655.0	3100	15.92	16.19	17.0
CA_26A-41A	Band 26	15M	821.5	26765	QPSK	1	0	Band 41	20M	2593.0	40620	21.05	21.16	22.0
	Band 26	15M	831.5	26865	QPSK	1	0	Band 41	20M	2593.0	40620	21.07	21.21	22.0
	Band 26	15M	841.5	26965	QPSK	1	0	Band 41	20M	2593.0	40620	20.97	21.28	22.0
	Band 41	20M	2506	39750	QPSK	1	0	Band 26	15M	876.5	8865	18.02	18.26	19.0
	Band 41	20M	2549.5	40185	QPSK	1	0	Band 26	15M	876.5	8865	18.08	18.18	19.0
	Band 41	20M	2593	40620	QPSK	1	0	Band 26	15M	876.5	8865	18.08	18.24	19.0
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 26	15M	876.5	8865	18.10	18.15	19.0
	Band 41	20M	2680	41490	QPSK	1	0	Band 26	15M	876.5	8865	18.09	18.10	19.0

DL LTE CA Class (DSI 8/9/10)	PCC							SCC1				Power		
	LTE Band	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	DL LTE CA Tx.Power	LTE Rel 8 Tx.Power	Tune-up
CA_7C	Band 7	20M	2510	20850	QPSK	1	0	Band 7	20M	2649.8	3048	17.88	18.07	18.9
	Band 7	20M	2535	21100	QPSK	1	0	Band 7	20M	2674.8	3298	17.94	18.09	18.9
	Band 7	20M	2560	21350	QPSK	1	0	Band 7	20M	2660.2	3152	17.87	18.13	18.9
CA_38C	Band 38	20M	2580	37850	QPSK	1	0	Band 38	20M	2599.8	38048	19.44	19.66	20.5
	Band 38	20M	2585.1	37901	QPSK	1	0	Band 38	20M	2604.9	38099	19.46	19.69	20.5
	Band 38	20M	2610	38150	QPSK	1	0	Band 38	20M	2590.2	37952	19.59	19.78	20.5
CA_41C	Band 41	20M	2506	39750	QPSK	1	0	Band 41	20M	2525.8	39948	19.42	19.78	20.5
	Band 41	20M	2549.5	40185	QPSK	1	0	Band 41	20M	2569.3	40383	19.56	19.62	20.5
	Band 41	20M	2593	40620	QPSK	1	0	Band 41	20M	2612.8	40818	19.46	19.77	20.5
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 41	20M	2656.3	41253	19.40	19.62	20.5
	Band 41	20M	2680	41490	QPSK	1	0	Band 41	20M	2660.2	41292	19.60	19.61	20.5
CA_66C	Band 66	20M	1720	132072	QPSK	1	0	Band 66	20M	2139.8	66734	14.96	15.30	16.0
	Band 66	20M	1745	132322	QPSK	1	0	Band 66	20M	2174.8	67084	14.90	15.11	16.0
	Band 66	20M	1770	132572	QPSK	1	0	Band 66	20M	2170.2	67038	14.92	15.16	16.0
CA_2A-2A	Band 2	20M	1860	18700	QPSK	1	0	Band 2	5M	1987.5	1175	14.90	15.10	15.9
	Band 2	20M	1880	18900	QPSK	1	0	Band 2	5M	1987.5	1175	14.80	15.03	15.9
	Band 2	20M	1900	19100	QPSK	1	0	Band 2	5M	1932.5	625	14.85	15.19	15.9
CA_4A-4A	Band 4	20M	1720	20050	QPSK	1	0	Band 4	5M	2152.5	2375	15.55	15.78	16.5
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 4	5M	2152.5	2375	15.52	15.72	16.5
	Band 4	20M	1745	20300	QPSK	1	0	Band 4	5M	2112.5	1975	15.47	15.70	16.5
CA_7A-7A	Band 7	20M	2510	20850	QPSK	1	0	Band 7	5M	2687.5	3425	17.99	18.11	18.9
	Band 7	20M	2535	21100	QPSK	1	0	Band 7	5M	2687.5	3425	17.88	18.18	18.9
	Band 7	20M	2560	21350	QPSK	1	0	Band 7	5M	2622.5	2775	17.89	18.14	18.9
CA_38A-38A	Band 38	20M	2510	20850	QPSK	1	0	Band 38	5M	2599.8	38048	19.48	19.79	20.5
	Band 38	20M	2535	21100	QPSK	1	0	Band 38	5M	2604.9	38099	19.40	19.60	20.5
	Band 38	20M	2560	21350	QPSK	1	0	Band 38	5M	2590.2	37952	19.60	19.79	20.5
CA_41A-41A	Band 41	20M	2506	39750	QPSK	1	0	Band 41	5M	2687.5	41565	19.48	19.70	20.5
	Band 41	20M	2549.5	40185	QPSK	1	0	Band 41	5M	2687.5	41565	19.53	19.64	20.5
	Band 41	20M	2593	40620	QPSK	1	0	Band 41	5M	2687.5	41565	19.40	19.72	20.5
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 41	5M	2498.5	39675	19.59	19.71	20.5
	Band 41	20M	2680	41490	QPSK	1	0	Band 41	5M	2498.5	39675	19.52	19.72	20.5
CA_66A-66A	Band 66	20M	1720	132072	QPSK	1	0	Band 66	5M	2197.5	67311	15.04	15.13	16.0
	Band 66	20M	1745	132322	QPSK	1	0	Band 66	5M	2197.5	67311	15.09	15.28	16.0
	Band 66	20M	1770	132572	QPSK	1	0	Band 66	5M	2112.5	66461	15.02	15.25	16.0
CA_2A-4A	Band 2	20M	1860	18700	QPSK	1	0	Band 4	20M	2132.5	2175	14.92	15.10	15.9
	Band 2	20M	1880	18900	QPSK	1	0	Band 4	20M	2132.5	2175	14.97	15.10	15.9
	Band 2	20M	1900	19100	QPSK	1	0	Band 4	20M	2132.5	2175	14.98	15.14	15.9
	Band 4	20M	1720	20050	QPSK	1	0	Band 2	20M	1960.0	900	15.50	15.79	16.5
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 2	20M	1960.0	900	15.60	15.65	16.5
	Band 4	20M	1745	20300	QPSK	1	0	Band 2	20M	1960.0	900	15.50	15.74	16.5
CA_2A-5A	Band 2	20M	1860	18700	QPSK	1	0	Band 5	10M	881.5	2525	14.84	15.07	15.9
	Band 2	20M	1880	18900	QPSK	1	0	Band 5	10M	881.5	2525	14.95	15.09	15.9
	Band 2	20M	1900	19100	QPSK	1	0	Band 5	10M	881.5	2525	14.98	15.14	15.9
	Band 5	10M	829	20450	QPSK	1	0	Band 2	20M	1960.0	900	21.49	21.70	22.5
	Band 5	10M	836.5	20525	QPSK	1	0	Band 2	20M	1960.0	900	21.56	21.62	22.5
	Band 5	10M	844	20600	QPSK	1	0	Band 2	20M	1960.0	900	21.59	21.75	22.5
CA_2A-7A	Band 2	20M	1860	18700	QPSK	1	0	Band 7	20M	2655.0	3100	14.81	15.10	15.9
	Band 2	20M	1880	18900	QPSK	1	0	Band 7	20M	2655.0	3100	14.85	15.03	15.9
	Band 2	20M	1900	19100	QPSK	1	0	Band 7	20M	2655.0	3100	14.95	15.17	15.9

	Band 7	20M	2510	20850	QPSK	1	0	Band 2	20M	1960.0	900	17.80	18.11	18.9
	Band 7	20M	2535	21100	QPSK	1	0	Band 2	20M	1960.0	900	17.87	18.01	18.9
	Band 7	20M	2560	21350	QPSK	1	0	Band 2	20M	1960.0	900	17.88	18.14	18.9
CA_2A-38A	Band 2	20M	1860	18700	QPSK	1	0	Band 38	20M	2599.8	38048	14.84	15.09	15.9
	Band 2	20M	1880	18900	QPSK	1	0	Band 38	20M	2604.9	38099	14.96	15.18	15.9
	Band 2	20M	1900	19100	QPSK	1	0	Band 38	20M	2590.2	37952	14.96	15.06	15.9
	Band 38	20M	2510	20850	QPSK	1	0	Band 2	20M	1960.0	900	19.56	19.60	20.5
	Band 38	20M	2535	21100	QPSK	1	0	Band 2	20M	1960.0	900	19.49	19.74	20.5
	Band 38	20M	2560	21350	QPSK	1	0	Band 2	20M	1960.0	900	19.53	19.68	20.5
CA_2A-66A	Band 2	20M	1860	18700	QPSK	1	0	Band 66	20M	2155.0	66886	14.91	15.16	15.9
	Band 2	20M	1880	18900	QPSK	1	0	Band 66	20M	2155.0	66886	14.89	15.04	15.9
	Band 2	20M	1900	19100	QPSK	1	0	Band 66	20M	2155.0	66886	14.91	15.11	15.9
	Band 66	20M	1720	132072	QPSK	1	0	Band 2	20M	1960.0	900	15.03	15.30	16.0
	Band 66	20M	1745	132322	QPSK	1	0	Band 2	20M	1960.0	900	15.07	15.21	16.0
	Band 66	20M	1770	132572	QPSK	1	0	Band 2	20M	1960.0	900	15.04	15.16	16.0
CA_4A-5A	Band 4	20M	1720	20050	QPSK	1	0	Band 5	10M	881.5	2525	15.41	15.69	16.5
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 5	10M	881.5	2525	15.59	15.73	16.5
	Band 4	20M	1745	20300	QPSK	1	0	Band 5	10M	881.5	2525	15.60	15.65	16.5
	Band 5	10M	829	20450	QPSK	1	0	Band 4	20M	2132.5	2175	21.55	21.64	22.5
	Band 5	10M	836.5	20525	QPSK	1	0	Band 4	20M	2132.5	2175	21.49	21.73	22.5
	Band 5	10M	844	20600	QPSK	1	0	Band 4	20M	2132.5	2175	21.59	21.67	22.5
CA_4A-7A	Band 4	20M	1720	20050	QPSK	1	0	Band 7	20M	2655.0	3100	15.56	15.68	16.5
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 7	20M	2655.0	3100	15.40	15.75	16.5
	Band 4	20M	1745	20300	QPSK	1	0	Band 7	20M	2655.0	3100	15.52	15.60	16.5
	Band 7	20M	2510	20850	QPSK	1	0	Band 4	20M	2132.5	2175	17.90	18.00	18.9
	Band 7	20M	2535	21100	QPSK	1	0	Band 4	20M	2132.5	2175	17.92	18.15	18.9
	Band 7	20M	2560	21350	QPSK	1	0	Band 4	20M	2132.5	2175	17.93	18.09	18.9
CA_5A-7A	Band 5	10M	829	20450	QPSK	1	0	Band 7	20M	2655.0	3100	21.51	21.62	22.5
	Band 5	10M	836.5	20525	QPSK	1	0	Band 7	20M	2655.0	3100	21.59	21.68	22.5
	Band 5	10M	844	20600	QPSK	1	0	Band 7	20M	2655.0	3100	21.52	21.71	22.5
	Band 7	20M	2510	20850	QPSK	1	0	Band 5	10M	881.5	2525	17.93	18.16	18.9
	Band 7	20M	2535	21100	QPSK	1	0	Band 5	10M	881.5	2525	17.90	18.01	18.9
	Band 7	20M	2560	21350	QPSK	1	0	Band 5	10M	881.5	2525	17.83	18.13	18.9
CA_5A-38A	Band 5	10M	829	20450	QPSK	1	0	Band 38	20M	2595.0	38000	21.54	21.63	22.5
	Band 5	10M	836.5	20525	QPSK	1	0	Band 38	20M	2595.0	38000	21.51	21.64	22.5
	Band 5	10M	844	20600	QPSK	1	0	Band 38	20M	2595.0	38000	21.47	21.80	22.5
	Band 38	20M	2580	37850	QPSK	1	0	Band 5	10M	881.5	2525	19.41	19.76	20.5
	Band 38	20M	2595	38000	QPSK	1	0	Band 5	10M	881.5	2525	19.47	19.66	20.5
	Band 38	20M	2610	38150	QPSK	1	0	Band 5	10M	881.5	2525	19.55	19.61	20.5
CA_5A-41A	Band 5	10M	829	20450	QPSK	1	0	Band 41	20M	2593.0	40620	21.40	21.73	22.5
	Band 5	10M	836.5	20525	QPSK	1	0	Band 41	20M	2593.0	40620	21.57	21.76	22.5
	Band 5	10M	844	20600	QPSK	1	0	Band 41	20M	2593.0	40620	21.46	21.61	22.5
	Band 41	20M	2506	39750	QPSK	1	0	Band 5	10M	881.5	2525	19.53	19.71	20.5
	Band 41	20M	2549.5	40185	QPSK	1	0	Band 5	10M	881.5	2525	19.49	19.69	20.5
	Band 41	20M	2593	40620	QPSK	1	0	Band 5	10M	881.5	2525	19.58	19.68	20.5
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 5	10M	881.5	2525	19.45	19.74	20.5
	Band 41	20M	2680	41490	QPSK	1	0	Band 5	10M	881.5	2525	19.51	19.61	20.5
CA_5A-66A	Band 5	10M	829	20450	QPSK	1	0	Band 66	20M	2155.0	66886	21.56	21.71	22.5
	Band 5	10M	836.5	20525	QPSK	1	0	Band 66	20M	2155.0	66886	21.60	21.63	22.5
	Band 5	10M	844	20600	QPSK	1	0	Band 66	20M	2155.0	66886	21.49	21.72	22.5
	Band 66	20M	1720	132072	QPSK	1	0	Band 5	10M	881.5	2525	14.97	15.25	16.0
	Band 66	20M	1745	132322	QPSK	1	0	Band 5	10M	881.5	2525	14.94	15.20	16.0

	Band 66	20M	1770	132572	QPSK	1	0	Band 5	10M	881.5	2525	15.06	15.24	16.0
CA_7A-26A	Band 7	20M	2510	20850	QPSK	1	0	Band 26	15M	876.5	8865	17.95	18.02	18.9
	Band 7	20M	2535	21100	QPSK	1	0	Band 26	15M	876.5	8865	17.86	18.10	18.9
	Band 7	20M	2560	21350	QPSK	1	0	Band 26	15M	876.5	8865	17.88	18.01	18.9
	Band 26	15M	821.5	26765	QPSK	1	0	Band 7	20M	2655.0	3100	21.47	21.64	22.5
	Band 26	15M	831.5	26865	QPSK	1	0	Band 7	20M	2655.0	3100	21.53	21.66	22.5
	Band 26	15M	841.5	26965	QPSK	1	0	Band 7	20M	2655.0	3100	21.46	21.61	22.5
CA_7A-66A	Band 7	20M	2510	20850	QPSK	1	0	Band 66	20M	2155.0	66886	17.86	18.08	18.9
	Band 7	20M	2535	21100	QPSK	1	0	Band 66	20M	2155.0	66886	17.95	18.16	18.9
	Band 7	20M	2560	21350	QPSK	1	0	Band 66	20M	2155.0	66886	17.83	18.05	18.9
	Band 66	20M	1720	132072	QPSK	1	0	Band 7	20M	2655.0	3100	15.00	15.14	16.0
	Band 66	20M	1745	132322	QPSK	1	0	Band 7	20M	2655.0	3100	15.02	15.10	16.0
	Band 66	20M	1770	132572	QPSK	1	0	Band 7	20M	2655.0	3100	15.06	15.15	16.0
CA_26A-41A	Band 26	15M	821.5	26765	QPSK	1	0	Band 41	20M	2593.0	40620	21.58	21.60	22.5
	Band 26	15M	831.5	26865	QPSK	1	0	Band 41	20M	2593.0	40620	21.47	21.75	22.5
	Band 26	15M	841.5	26965	QPSK	1	0	Band 41	20M	2593.0	40620	21.57	21.77	22.5
	Band 41	20M	2506	39750	QPSK	1	0	Band 26	15M	876.5	8865	19.46	19.74	20.5
	Band 41	20M	2549.5	40185	QPSK	1	0	Band 26	15M	876.5	8865	19.58	19.66	20.5
	Band 41	20M	2593	40620	QPSK	1	0	Band 26	15M	876.5	8865	19.46	19.70	20.5
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 26	15M	876.5	8865	19.49	19.75	20.5
	Band 41	20M	2680	41490	QPSK	1	0	Band 26	15M	876.5	8865	19.48	19.72	20.5

DL LTE CA Class (DSI 4)	PCC							SCC1				Power		
	LTE Band	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	DL LTE CA Tx.Power	LTE Rel 8 Tx.Power	Tune-up
CA_7C	Band 7	20M	2510	20850	QPSK	1	0	Band 7	20M	2649.8	3048	22.98	23.13	23.9
	Band 7	20M	2535	21100	QPSK	1	0	Band 7	20M	2674.8	3298	22.85	23.11	23.9
	Band 7	20M	2560	21350	QPSK	1	0	Band 7	20M	2660.2	3152	23.00	23.00	23.9
CA_38C	Band 38	20M	2580	37850	QPSK	1	0	Band 38	20M	2599.8	38048	23.95	24.28	25.0
	Band 38	20M	2585.1	37901	QPSK	1	0	Band 38	20M	2604.9	38099	23.93	24.13	25.0
	Band 38	20M	2610	38150	QPSK	1	0	Band 38	20M	2590.2	37952	24.08	24.25	25.0
CA_41C	Band 41	20M	2506	39750	QPSK	1	0	Band 41	20M	2525.8	39948	23.91	24.26	25.0
	Band 41	20M	2549.5	40185	QPSK	1	0	Band 41	20M	2569.3	40383	23.94	24.29	25.0
	Band 41	20M	2593	40620	QPSK	1	0	Band 41	20M	2612.8	40818	23.92	24.21	25.0
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 41	20M	2656.3	41253	24.02	24.22	25.0
	Band 41	20M	2680	41490	QPSK	1	0	Band 41	20M	2660.2	41292	23.90	24.28	25.0
CA_66C	Band 66	20M	1720	132072	QPSK	1	0	Band 66	20M	2139.8	66734	23.59	23.77	24.5
	Band 66	20M	1745	132322	QPSK	1	0	Band 66	20M	2174.8	67084	23.60	23.65	24.5
	Band 66	20M	1770	132572	QPSK	1	0	Band 66	20M	2170.2	67038	23.46	23.74	24.5
CA_2A-2A	Band 2	20M	1860	18700	QPSK	1	0	Band 2	5M	1987.5	1175	21.43	21.60	22.4
	Band 2	20M	1880	18900	QPSK	1	0	Band 2	5M	1987.5	1175	21.41	21.53	22.4
	Band 2	20M	1900	19100	QPSK	1	0	Band 2	5M	1932.5	625	21.30	21.70	22.4
CA_4A-4A	Band 4	20M	1720	20050	QPSK	1	0	Band 4	5M	2152.5	2375	23.50	23.80	24.5
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 4	5M	2152.5	2375	23.49	23.75	24.5
	Band 4	20M	1745	20300	QPSK	1	0	Band 4	5M	2112.5	1975	23.43	23.64	24.5
CA_7A-7A	Band 7	20M	2510	20850	QPSK	1	0	Band 7	5M	2687.5	3425	22.83	23.15	23.9
	Band 7	20M	2535	21100	QPSK	1	0	Band 7	5M	2687.5	3425	22.93	23.00	23.9
	Band 7	20M	2560	21350	QPSK	1	0	Band 7	5M	2622.5	2775	23.00	23.15	23.9
CA_38A-38A	Band 38	20M	2510	20850	QPSK	1	0	Band 38	5M	2599.8	38048	24.02	24.16	25.0
	Band 38	20M	2535	21100	QPSK	1	0	Band 38	5M	2604.9	38099	23.95	24.20	25.0
	Band 38	20M	2560	21350	QPSK	1	0	Band 38	5M	2590.2	37952	24.06	24.13	25.0
CA_41A-41A	Band 41	20M	2506	39750	QPSK	1	0	Band 41	5M	2687.5	41565	23.99	24.19	25.0
	Band 41	20M	2549.5	40185	QPSK	1	0	Band 41	5M	2687.5	41565	23.98	24.23	25.0
	Band 41	20M	2593	40620	QPSK	1	0	Band 41	5M	2687.5	41565	24.04	24.15	25.0
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 41	5M	2498.5	39675	23.99	24.20	25.0
	Band 41	20M	2680	41490	QPSK	1	0	Band 41	5M	2498.5	39675	24.04	24.15	25.0
CA_66A-66A	Band 66	20M	1720	132072	QPSK	1	0	Band 66	5M	2197.5	67311	23.57	23.70	24.5
	Band 66	20M	1745	132322	QPSK	1	0	Band 66	5M	2197.5	67311	23.55	23.66	24.5
	Band 66	20M	1770	132572	QPSK	1	0	Band 66	5M	2112.5	66461	23.45	23.70	24.5
CA_2A-4A	Band 2	20M	1860	18700	QPSK	1	0	Band 4	20M	2132.5	2175	21.45	21.69	22.4
	Band 2	20M	1880	18900	QPSK	1	0	Band 4	20M	2132.5	2175	21.42	21.61	22.4
	Band 2	20M	1900	19100	QPSK	1	0	Band 4	20M	2132.5	2175	21.39	21.62	22.4
	Band 4	20M	1720	20050	QPSK	1	0	Band 2	20M	1960.0	900	23.52	23.66	24.5
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 2	20M	1960.0	900	23.55	23.77	24.5
	Band 4	20M	1745	20300	QPSK	1	0	Band 2	20M	1960.0	900	23.41	23.74	24.5
CA_2A-5A	Band 2	20M	1860	18700	QPSK	1	0	Band 5	10M	881.5	2525	21.42	21.69	22.4
	Band 2	20M	1880	18900	QPSK	1	0	Band 5	10M	881.5	2525	21.39	21.62	22.4
	Band 2	20M	1900	19100	QPSK	1	0	Band 5	10M	881.5	2525	21.33	21.58	22.4
	Band 5	10M	829	20450	QPSK	1	0	Band 2	20M	1960.0	900	23.47	23.69	24.5
	Band 5	10M	836.5	20525	QPSK	1	0	Band 2	20M	1960.0	900	23.52	23.73	24.5
	Band 5	10M	844	20600	QPSK	1	0	Band 2	20M	1960.0	900	23.43	23.61	24.5
CA_2A-7A	Band 2	20M	1860	18700	QPSK	1	0	Band 7	20M	2655.0	3100	21.47	21.70	22.4
	Band 2	20M	1880	18900	QPSK	1	0	Band 7	20M	2655.0	3100	21.40	21.51	22.4

	Band 2	20M	1900	19100	QPSK	1	0	Band 7	20M	2655.0	3100	21.31	21.67	22.4
	Band 7	20M	2510	20850	QPSK	1	0	Band 2	20M	1960.0	900	22.91	23.20	23.9
	Band 7	20M	2535	21100	QPSK	1	0	Band 2	20M	1960.0	900	22.94	23.15	23.9
	Band 7	20M	2560	21350	QPSK	1	0	Band 2	20M	1960.0	900	23.00	23.06	23.9
CA_2A-38A	Band 2	20M	1860	18700	QPSK	1	0	Band 38	20M	2599.8	38048	21.32	21.67	22.4
	Band 2	20M	1880	18900	QPSK	1	0	Band 38	20M	2604.9	38099	21.41	21.51	22.4
	Band 2	20M	1900	19100	QPSK	1	0	Band 38	20M	2590.2	37952	21.49	21.66	22.4
	Band 38	20M	2510	20850	QPSK	1	0	Band 2	20M	1960.0	900	24.02	24.20	25.0
	Band 38	20M	2535	21100	QPSK	1	0	Band 2	20M	1960.0	900	24.09	24.22	25.0
	Band 38	20M	2560	21350	QPSK	1	0	Band 2	20M	1960.0	900	24.02	24.22	25.0
CA_2A-66A	Band 2	20M	1860	18700	QPSK	1	0	Band 66	20M	2155.0	66886	21.44	21.60	22.4
	Band 2	20M	1880	18900	QPSK	1	0	Band 66	20M	2155.0	66886	21.39	21.53	22.4
	Band 2	20M	1900	19100	QPSK	1	0	Band 66	20M	2155.0	66886	21.44	21.55	22.4
	Band 66	20M	1720	132072	QPSK	1	0	Band 2	20M	1960.0	900	23.59	23.71	24.5
	Band 66	20M	1745	132322	QPSK	1	0	Band 2	20M	1960.0	900	23.40	23.64	24.5
	Band 66	20M	1770	132572	QPSK	1	0	Band 2	20M	1960.0	900	23.58	23.80	24.5
CA_4A-5A	Band 4	20M	1720	20050	QPSK	1	0	Band 5	10M	881.5	2525	23.50	23.61	24.5
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 5	10M	881.5	2525	23.43	23.79	24.5
	Band 4	20M	1745	20300	QPSK	1	0	Band 5	10M	881.5	2525	23.44	23.74	24.5
	Band 5	10M	829	20450	QPSK	1	0	Band 4	20M	2132.5	2175	23.48	23.62	24.5
	Band 5	10M	836.5	20525	QPSK	1	0	Band 4	20M	2132.5	2175	23.57	23.69	24.5
	Band 5	10M	844	20600	QPSK	1	0	Band 4	20M	2132.5	2175	23.60	23.74	24.5
CA_4A-7A	Band 4	20M	1720	20050	QPSK	1	0	Band 7	20M	2655.0	3100	23.60	23.67	24.5
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 7	20M	2655.0	3100	23.41	23.63	24.5
	Band 4	20M	1745	20300	QPSK	1	0	Band 7	20M	2655.0	3100	23.43	23.75	24.5
	Band 7	20M	2510	20850	QPSK	1	0	Band 4	20M	2132.5	2175	22.92	23.03	23.9
	Band 7	20M	2535	21100	QPSK	1	0	Band 4	20M	2132.5	2175	22.86	23.02	23.9
	Band 7	20M	2560	21350	QPSK	1	0	Band 4	20M	2132.5	2175	23.00	23.12	23.9
CA_5A-7A	Band 5	10M	829	20450	QPSK	1	0	Band 7	20M	2655.0	3100	23.54	23.80	24.5
	Band 5	10M	836.5	20525	QPSK	1	0	Band 7	20M	2655.0	3100	23.48	23.64	24.5
	Band 5	10M	844	20600	QPSK	1	0	Band 7	20M	2655.0	3100	23.45	23.67	24.5
	Band 7	20M	2510	20850	QPSK	1	0	Band 5	10M	881.5	2525	22.98	23.00	23.9
	Band 7	20M	2535	21100	QPSK	1	0	Band 5	10M	881.5	2525	22.94	23.16	23.9
	Band 7	20M	2560	21350	QPSK	1	0	Band 5	10M	881.5	2525	22.98	23.04	23.9
CA_5A-38A	Band 5	10M	829	20450	QPSK	1	0	Band 38	20M	2595.0	38000	23.41	23.73	24.5
	Band 5	10M	836.5	20525	QPSK	1	0	Band 38	20M	2595.0	38000	23.55	23.63	24.5
	Band 5	10M	844	20600	QPSK	1	0	Band 38	20M	2595.0	38000	23.50	23.79	24.5
	Band 38	20M	2580	37850	QPSK	1	0	Band 5	10M	881.5	2525	24.03	24.21	25.0
	Band 38	20M	2595	38000	QPSK	1	0	Band 5	10M	881.5	2525	23.93	24.29	25.0
	Band 38	20M	2610	38150	QPSK	1	0	Band 5	10M	881.5	2525	24.10	24.11	25.0
CA_5A-41A	Band 5	10M	829	20450	QPSK	1	0	Band 41	20M	2593.0	40620	23.57	23.70	24.5
	Band 5	10M	836.5	20525	QPSK	1	0	Band 41	20M	2593.0	40620	23.42	23.73	24.5
	Band 5	10M	844	20600	QPSK	1	0	Band 41	20M	2593.0	40620	23.59	23.61	24.5
	Band 41	20M	2506	39750	QPSK	1	0	Band 5	10M	881.5	2525	24.09	24.13	25.0
	Band 41	20M	2549.5	40185	QPSK	1	0	Band 5	10M	881.5	2525	24.05	24.23	25.0
	Band 41	20M	2593	40620	QPSK	1	0	Band 5	10M	881.5	2525	24.10	24.26	25.0
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 5	10M	881.5	2525	24.01	24.25	25.0
	Band 41	20M	2680	41490	QPSK	1	0	Band 5	10M	881.5	2525	23.95	24.28	25.0
CA_5A-66A	Band 5	10M	829	20450	QPSK	1	0	Band 66	20M	2155.0	66886	23.55	23.71	24.5
	Band 5	10M	836.5	20525	QPSK	1	0	Band 66	20M	2155.0	66886	23.49	23.62	24.5
	Band 5	10M	844	20600	QPSK	1	0	Band 66	20M	2155.0	66886	23.59	23.74	24.5
	Band 66	20M	1720	132072	QPSK	1	0	Band 5	10M	881.5	2525	23.50	23.61	24.5

	Band 66	20M	1745	132322	QPSK	1	0	Band 5	10M	881.5	2525	23.44	23.62	24.5
	Band 66	20M	1770	132572	QPSK	1	0	Band 5	10M	881.5	2525	23.47	23.78	24.5
CA_7A-26A	Band 7	20M	2510	20850	QPSK	1	0	Band 26	15M	876.5	8865	22.81	23.20	23.9
	Band 7	20M	2535	21100	QPSK	1	0	Band 26	15M	876.5	8865	22.94	23.05	23.9
	Band 7	20M	2560	21350	QPSK	1	0	Band 26	15M	876.5	8865	22.94	23.00	23.9
	Band 26	15M	821.5	26765	QPSK	1	0	Band 7	20M	2655.0	3100	23.48	23.75	24.5
	Band 26	15M	831.5	26865	QPSK	1	0	Band 7	20M	2655.0	3100	23.46	23.76	24.5
	Band 26	15M	841.5	26965	QPSK	1	0	Band 7	20M	2655.0	3100	23.40	23.71	24.5
CA_7A-66A	Band 7	20M	2510	20850	QPSK	1	0	Band 66	20M	2155.0	66886	22.86	23.14	23.9
	Band 7	20M	2535	21100	QPSK	1	0	Band 66	20M	2155.0	66886	22.97	23.16	23.9
	Band 7	20M	2560	21350	QPSK	1	0	Band 66	20M	2155.0	66886	22.83	23.01	23.9
	Band 66	20M	1720	132072	QPSK	1	0	Band 7	20M	2655.0	3100	23.40	23.71	24.5
	Band 66	20M	1745	132322	QPSK	1	0	Band 7	20M	2655.0	3100	23.59	23.70	24.5
	Band 66	20M	1770	132572	QPSK	1	0	Band 7	20M	2655.0	3100	23.41	23.61	24.5
CA_26A-41A	Band 26	15M	821.5	26765	QPSK	1	0	Band 41	20M	2593.0	40620	23.40	23.74	24.5
	Band 26	15M	831.5	26865	QPSK	1	0	Band 41	20M	2593.0	40620	23.50	23.63	24.5
	Band 26	15M	841.5	26965	QPSK	1	0	Band 41	20M	2593.0	40620	23.51	23.62	24.5
	Band 41	20M	2506	39750	QPSK	1	0	Band 26	15M	876.5	8865	24.01	24.12	25.0
	Band 41	20M	2549.5	40185	QPSK	1	0	Band 26	15M	876.5	8865	24.09	24.17	25.0
	Band 41	20M	2593	40620	QPSK	1	0	Band 26	15M	876.5	8865	23.95	24.24	25.0
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 26	15M	876.5	8865	24.00	24.15	25.0
	Band 41	20M	2680	41490	QPSK	1	0	Band 26	15M	876.5	8865	23.97	24.16	25.0

DL LTE CA Class (DSI 5)	PCC							SCC1				Power		
	LTE Band	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	DL LTE CA Tx.Power	LTE Rel 8 Tx.Power	Tune-up
CA_7C	Band 7	20M	2510	20850	QPSK	1	0	Band 7	20M	2649.8	3048	18.85	19.11	19.9
	Band 7	20M	2535	21100	QPSK	1	0	Band 7	20M	2674.8	3298	18.95	19.01	19.9
	Band 7	20M	2560	21350	QPSK	1	0	Band 7	20M	2660.2	3152	18.92	19.13	19.9
CA_38C	Band 38	20M	2580	37850	QPSK	1	0	Band 38	20M	2599.8	38048	19.54	19.71	20.5
	Band 38	20M	2585.1	37901	QPSK	1	0	Band 38	20M	2604.9	38099	19.46	19.69	20.5
	Band 38	20M	2610	38150	QPSK	1	0	Band 38	20M	2590.2	37952	19.40	19.60	20.5
CA_41C	Band 41	20M	2506	39750	QPSK	1	0	Band 41	20M	2525.8	39948	19.47	19.64	20.5
	Band 41	20M	2549.5	40185	QPSK	1	0	Band 41	20M	2569.3	40383	19.55	19.74	20.5
	Band 41	20M	2593	40620	QPSK	1	0	Band 41	20M	2612.8	40818	19.57	19.69	20.5
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 41	20M	2656.3	41253	19.43	19.73	20.5
	Band 41	20M	2680	41490	QPSK	1	0	Band 41	20M	2660.2	41292	19.40	19.63	20.5
CA_66C	Band 66	20M	1720	132072	QPSK	1	0	Band 66	20M	2139.8	66734	17.46	17.72	18.5
	Band 66	20M	1745	132322	QPSK	1	0	Band 66	20M	2174.8	67084	17.60	17.62	18.5
	Band 66	20M	1770	132572	QPSK	1	0	Band 66	20M	2170.2	67038	17.53	17.75	18.5
CA_2A-2A	Band 2	20M	1860	18700	QPSK	1	0	Band 2	5M	1987.5	1175	17.00	17.16	17.9
	Band 2	20M	1880	18900	QPSK	1	0	Band 2	5M	1987.5	1175	16.84	17.09	17.9
	Band 2	20M	1900	19100	QPSK	1	0	Band 2	5M	1932.5	625	16.86	17.18	17.9
CA_4A-4A	Band 4	20M	1720	20050	QPSK	1	0	Band 4	5M	2152.5	2375	18.51	18.71	19.5
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 4	5M	2152.5	2375	18.44	18.75	19.5
	Band 4	20M	1745	20300	QPSK	1	0	Band 4	5M	2112.5	1975	18.58	18.61	19.5
CA_7A-7A	Band 7	20M	2510	20850	QPSK	1	0	Band 7	5M	2687.5	3425	18.82	19.12	19.9
	Band 7	20M	2535	21100	QPSK	1	0	Band 7	5M	2687.5	3425	18.97	19.12	19.9
	Band 7	20M	2560	21350	QPSK	1	0	Band 7	5M	2622.5	2775	18.81	19.19	19.9
CA_38A-38A	Band 38	20M	2510	20850	QPSK	1	0	Band 38	5M	2599.8	38048	19.51	19.69	20.5
	Band 38	20M	2535	21100	QPSK	1	0	Band 38	5M	2604.9	38099	19.52	19.71	20.5
	Band 38	20M	2560	21350	QPSK	1	0	Band 38	5M	2590.2	37952	19.47	19.69	20.5
CA_41A-41A	Band 41	20M	2506	39750	QPSK	1	0	Band 41	5M	2687.5	41565	19.60	19.74	20.5
	Band 41	20M	2549.5	40185	QPSK	1	0	Band 41	5M	2687.5	41565	19.47	19.61	20.5
	Band 41	20M	2593	40620	QPSK	1	0	Band 41	5M	2687.5	41565	19.59	19.65	20.5
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 41	5M	2498.5	39675	19.60	19.72	20.5
	Band 41	20M	2680	41490	QPSK	1	0	Band 41	5M	2498.5	39675	19.53	19.65	20.5
CA_66A-66A	Band 66	20M	1720	132072	QPSK	1	0	Band 66	5M	2197.5	67311	17.42	17.62	18.5
	Band 66	20M	1745	132322	QPSK	1	0	Band 66	5M	2197.5	67311	17.49	17.73	18.5
	Band 66	20M	1770	132572	QPSK	1	0	Band 66	5M	2112.5	66461	17.53	17.73	18.5
CA_2A-4A	Band 2	20M	1860	18700	QPSK	1	0	Band 4	20M	2132.5	2175	16.88	17.15	17.9
	Band 2	20M	1880	18900	QPSK	1	0	Band 4	20M	2132.5	2175	16.83	17.00	17.9
	Band 2	20M	1900	19100	QPSK	1	0	Band 4	20M	2132.5	2175	16.81	17.06	17.9
	Band 4	20M	1720	20050	QPSK	1	0	Band 2	20M	1960.0	900	18.46	18.60	19.5
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 2	20M	1960.0	900	18.59	18.80	19.5
	Band 4	20M	1745	20300	QPSK	1	0	Band 2	20M	1960.0	900	18.60	18.67	19.5
CA_2A-5A	Band 2	20M	1860	18700	QPSK	1	0	Band 5	10M	881.5	2525	16.86	17.02	17.9
	Band 2	20M	1880	18900	QPSK	1	0	Band 5	10M	881.5	2525	16.97	17.18	17.9
	Band 2	20M	1900	19100	QPSK	1	0	Band 5	10M	881.5	2525	16.85	17.15	17.9
	Band 5	10M	829	20450	QPSK	1	0	Band 2	20M	1960.0	900	21.54	21.65	22.5
	Band 5	10M	836.5	20525	QPSK	1	0	Band 2	20M	1960.0	900	21.48	21.76	22.5
	Band 5	10M	844	20600	QPSK	1	0	Band 2	20M	1960.0	900	21.50	21.68	22.5
CA_2A-7A	Band 2	20M	1860	18700	QPSK	1	0	Band 7	20M	2655.0	3100	16.84	17.14	17.9
	Band 2	20M	1880	18900	QPSK	1	0	Band 7	20M	2655.0	3100	16.94	17.03	17.9
	Band 2	20M	1900	19100	QPSK	1	0	Band 7	20M	2655.0	3100	16.91	17.00	17.9

	Band 7	20M	2510	20850	QPSK	1	0	Band 2	20M	1960.0	900	18.90	19.14	19.9
	Band 7	20M	2535	21100	QPSK	1	0	Band 2	20M	1960.0	900	18.95	19.15	19.9
	Band 7	20M	2560	21350	QPSK	1	0	Band 2	20M	1960.0	900	18.98	19.15	19.9
CA_2A-38A	Band 2	20M	1860	18700	QPSK	1	0	Band 38	20M	2599.8	38048	16.93	17.06	17.9
	Band 2	20M	1880	18900	QPSK	1	0	Band 38	20M	2604.9	38099	16.83	17.00	17.9
	Band 2	20M	1900	19100	QPSK	1	0	Band 38	20M	2590.2	37952	16.83	17.10	17.9
	Band 38	20M	2510	20850	QPSK	1	0	Band 2	20M	1960.0	900	19.41	19.69	20.5
	Band 38	20M	2535	21100	QPSK	1	0	Band 2	20M	1960.0	900	19.49	19.78	20.5
	Band 38	20M	2560	21350	QPSK	1	0	Band 2	20M	1960.0	900	19.40	19.61	20.5
CA_2A-66A	Band 2	20M	1860	18700	QPSK	1	0	Band 66	20M	2155.0	66886	16.82	17.01	17.9
	Band 2	20M	1880	18900	QPSK	1	0	Band 66	20M	2155.0	66886	16.93	17.08	17.9
	Band 2	20M	1900	19100	QPSK	1	0	Band 66	20M	2155.0	66886	16.99	17.16	17.9
	Band 66	20M	1720	132072	QPSK	1	0	Band 2	20M	1960.0	900	17.55	17.74	18.5
	Band 66	20M	1745	132322	QPSK	1	0	Band 2	20M	1960.0	900	17.45	17.74	18.5
	Band 66	20M	1770	132572	QPSK	1	0	Band 2	20M	1960.0	900	17.43	17.60	18.5
CA_4A-5A	Band 4	20M	1720	20050	QPSK	1	0	Band 5	10M	881.5	2525	18.44	18.72	19.5
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 5	10M	881.5	2525	18.53	18.77	19.5
	Band 4	20M	1745	20300	QPSK	1	0	Band 5	10M	881.5	2525	18.46	18.62	19.5
	Band 5	10M	829	20450	QPSK	1	0	Band 4	20M	2132.5	2175	21.45	21.62	22.5
	Band 5	10M	836.5	20525	QPSK	1	0	Band 4	20M	2132.5	2175	21.54	21.69	22.5
	Band 5	10M	844	20600	QPSK	1	0	Band 4	20M	2132.5	2175	21.58	21.60	22.5
CA_4A-7A	Band 4	20M	1720	20050	QPSK	1	0	Band 7	20M	2655.0	3100	18.54	18.70	19.5
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 7	20M	2655.0	3100	18.50	18.80	19.5
	Band 4	20M	1745	20300	QPSK	1	0	Band 7	20M	2655.0	3100	18.40	18.74	19.5
	Band 7	20M	2510	20850	QPSK	1	0	Band 4	20M	2132.5	2175	18.84	19.08	19.9
	Band 7	20M	2535	21100	QPSK	1	0	Band 4	20M	2132.5	2175	19.00	19.04	19.9
	Band 7	20M	2560	21350	QPSK	1	0	Band 4	20M	2132.5	2175	18.96	19.03	19.9
CA_5A-7A	Band 5	10M	829	20450	QPSK	1	0	Band 7	20M	2655.0	3100	21.59	21.71	22.5
	Band 5	10M	836.5	20525	QPSK	1	0	Band 7	20M	2655.0	3100	21.55	21.80	22.5
	Band 5	10M	844	20600	QPSK	1	0	Band 7	20M	2655.0	3100	21.56	21.65	22.5
	Band 7	20M	2510	20850	QPSK	1	0	Band 5	10M	881.5	2525	18.83	19.06	19.9
	Band 7	20M	2535	21100	QPSK	1	0	Band 5	10M	881.5	2525	18.90	19.16	19.9
	Band 7	20M	2560	21350	QPSK	1	0	Band 5	10M	881.5	2525	18.91	19.13	19.9
CA_5A-38A	Band 5	10M	829	20450	QPSK	1	0	Band 38	20M	2595.0	38000	21.57	21.80	22.5
	Band 5	10M	836.5	20525	QPSK	1	0	Band 38	20M	2595.0	38000	21.54	21.66	22.5
	Band 5	10M	844	20600	QPSK	1	0	Band 38	20M	2595.0	38000	21.57	21.76	22.5
	Band 38	20M	2580	37850	QPSK	1	0	Band 5	10M	881.5	2525	19.41	19.73	20.5
	Band 38	20M	2595	38000	QPSK	1	0	Band 5	10M	881.5	2525	19.48	19.73	20.5
	Band 38	20M	2610	38150	QPSK	1	0	Band 5	10M	881.5	2525	19.47	19.65	20.5
CA_5A-41A	Band 5	10M	829	20450	QPSK	1	0	Band 41	20M	2593.0	40620	21.54	21.68	22.5
	Band 5	10M	836.5	20525	QPSK	1	0	Band 41	20M	2593.0	40620	21.45	21.74	22.5
	Band 5	10M	844	20600	QPSK	1	0	Band 41	20M	2593.0	40620	21.44	21.65	22.5
	Band 41	20M	2506	39750	QPSK	1	0	Band 5	10M	881.5	2525	19.41	19.62	20.5
	Band 41	20M	2549.5	40185	QPSK	1	0	Band 5	10M	881.5	2525	19.41	19.67	20.5
	Band 41	20M	2593	40620	QPSK	1	0	Band 5	10M	881.5	2525	19.40	19.70	20.5
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 5	10M	881.5	2525	19.59	19.67	20.5
	Band 41	20M	2680	41490	QPSK	1	0	Band 5	10M	881.5	2525	19.44	19.66	20.5
CA_5A-66A	Band 5	10M	829	20450	QPSK	1	0	Band 66	20M	2155.0	66886	21.44	21.62	22.5
	Band 5	10M	836.5	20525	QPSK	1	0	Band 66	20M	2155.0	66886	21.48	21.61	22.5
	Band 5	10M	844	20600	QPSK	1	0	Band 66	20M	2155.0	66886	21.42	21.67	22.5
	Band 66	20M	1720	132072	QPSK	1	0	Band 5	10M	881.5	2525	17.54	17.71	18.5
	Band 66	20M	1745	132322	QPSK	1	0	Band 5	10M	881.5	2525	17.57	17.71	18.5

	Band 66	20M	1770	132572	QPSK	1	0	Band 5	10M	881.5	2525	17.51	17.60	18.5
CA_7A-26A	Band 7	20M	2510	20850	QPSK	1	0	Band 26	15M	876.5	8865	18.84	19.11	19.9
	Band 7	20M	2535	21100	QPSK	1	0	Band 26	15M	876.5	8865	18.84	19.17	19.9
	Band 7	20M	2560	21350	QPSK	1	0	Band 26	15M	876.5	8865	18.86	19.11	19.9
	Band 26	15M	821.5	26765	QPSK	1	0	Band 7	20M	2655.0	3100	21.45	21.66	22.5
	Band 26	15M	831.5	26865	QPSK	1	0	Band 7	20M	2655.0	3100	21.45	21.76	22.5
	Band 26	15M	841.5	26965	QPSK	1	0	Band 7	20M	2655.0	3100	21.45	21.73	22.5
CA_7A-66A	Band 7	20M	2510	20850	QPSK	1	0	Band 66	20M	2155.0	66886	18.93	19.11	19.9
	Band 7	20M	2535	21100	QPSK	1	0	Band 66	20M	2155.0	66886	19.00	19.07	19.9
	Band 7	20M	2560	21350	QPSK	1	0	Band 66	20M	2155.0	66886	18.88	19.15	19.9
	Band 66	20M	1720	132072	QPSK	1	0	Band 7	20M	2655.0	3100	17.49	17.66	18.5
	Band 66	20M	1745	132322	QPSK	1	0	Band 7	20M	2655.0	3100	17.58	17.64	18.5
CA_26A-41A	Band 66	20M	1770	132572	QPSK	1	0	Band 7	20M	2655.0	3100	17.42	17.65	18.5
	Band 26	15M	821.5	26765	QPSK	1	0	Band 41	20M	2593.0	40620	21.54	21.68	22.5
	Band 26	15M	831.5	26865	QPSK	1	0	Band 41	20M	2593.0	40620	21.58	21.62	22.5
	Band 26	15M	841.5	26965	QPSK	1	0	Band 41	20M	2593.0	40620	21.41	21.71	22.5
	Band 41	20M	2506	39750	QPSK	1	0	Band 26	15M	876.5	8865	19.49	19.73	20.5
	Band 41	20M	2549.5	40185	QPSK	1	0	Band 26	15M	876.5	8865	19.56	19.77	20.5
	Band 41	20M	2593	40620	QPSK	1	0	Band 26	15M	876.5	8865	19.50	19.71	20.5
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 26	15M	876.5	8865	19.59	19.66	20.5
	Band 41	20M	2680	41490	QPSK	1	0	Band 26	15M	876.5	8865	19.55	19.63	20.5

6.3 Conducted Power of LTE Downlink CA(Ant31)

DL LTE CA Class (DSI 2/3)	PCC							SCC1				Power		
	LTE Band	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	DL LTE CA Tx.Power	LTE Rel 8 Tx.Power	Tune-up
CA_7C	Band 7	20M	2510	20850	QPSK	1	0	Band 7	20M	2649.8	3048	22.97	23.18	23.9
	Band 7	20M	2535	21100	QPSK	1	0	Band 7	20M	2674.8	3298	22.87	23.01	23.9
	Band 7	20M	2560	21350	QPSK	1	0	Band 7	20M	2660.2	3152	22.80	23.14	23.9
CA_38C	Band 38	20M	2580	37850	QPSK	1	0	Band 38	20M	2599.8	38048	24.05	24.29	25.0
	Band 38	20M	2585.1	37901	QPSK	1	0	Band 38	20M	2604.9	38099	24.10	24.15	25.0
	Band 38	20M	2610	38150	QPSK	1	0	Band 38	20M	2590.2	37952	23.97	24.10	25.0
CA_41C	Band 41	20M	2506	39750	QPSK	1	0	Band 41	20M	2525.8	39948	24.06	24.20	25.0
	Band 41	20M	2549.5	40185	QPSK	1	0	Band 41	20M	2569.3	40383	24.03	24.27	25.0
	Band 41	20M	2593	40620	QPSK	1	0	Band 41	20M	2612.8	40818	24.03	24.16	25.0
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 41	20M	2656.3	41253	24.07	24.30	25.0
	Band 41	20M	2680	41490	QPSK	1	0	Band 41	20M	2660.2	41292	23.91	24.21	25.0
CA_66C	Band 66	20M	1720	132072	QPSK	1	0	Band 66	20M	2139.8	66734	23.41	23.75	24.5
	Band 66	20M	1745	132322	QPSK	1	0	Band 66	20M	2174.8	67084	23.60	23.60	24.5
	Band 66	20M	1770	132572	QPSK	1	0	Band 66	20M	2170.2	67038	23.44	23.80	24.5
CA_2A-2A	Band 2	20M	1860	18700	QPSK	1	0	Band 2	5M	1987.5	1175	22.90	23.15	23.9
	Band 2	20M	1880	18900	QPSK	1	0	Band 2	5M	1987.5	1175	22.88	23.11	23.9
	Band 2	20M	1900	19100	QPSK	1	0	Band 2	5M	1932.5	625	22.88	23.12	23.9
CA_4A-4A	Band 4	20M	1720	20050	QPSK	1	0	Band 4	5M	2152.5	2375	23.42	23.80	24.5
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 4	5M	2152.5	2375	23.45	23.60	24.5
	Band 4	20M	1745	20300	QPSK	1	0	Band 4	5M	2112.5	1975	23.58	23.79	24.5
CA_7A-7A	Band 7	20M	2510	20850	QPSK	1	0	Band 7	5M	2687.5	3425	22.89	23.06	23.9
	Band 7	20M	2535	21100	QPSK	1	0	Band 7	5M	2687.5	3425	23.00	23.11	23.9
	Band 7	20M	2560	21350	QPSK	1	0	Band 7	5M	2622.5	2775	22.96	23.13	23.9
CA_38A-38A	Band 38	20M	2510	20850	QPSK	1	0	Band 38	5M	2599.8	38048	23.97	24.30	25.0
	Band 38	20M	2535	21100	QPSK	1	0	Band 38	5M	2604.9	38099	23.99	24.15	25.0
	Band 38	20M	2560	21350	QPSK	1	0	Band 38	5M	2590.2	37952	24.01	24.13	25.0
CA_41A-41A	Band 41	20M	2506	39750	QPSK	1	0	Band 41	5M	2687.5	41565	24.03	24.11	25.0
	Band 41	20M	2549.5	40185	QPSK	1	0	Band 41	5M	2687.5	41565	23.96	24.25	25.0
	Band 41	20M	2593	40620	QPSK	1	0	Band 41	5M	2687.5	41565	23.91	24.12	25.0
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 41	5M	2498.5	39675	24.09	24.22	25.0
	Band 41	20M	2680	41490	QPSK	1	0	Band 41	5M	2498.5	39675	23.96	24.12	25.0
CA_66A-66A	Band 66	20M	1720	132072	QPSK	1	0	Band 66	5M	2197.5	67311	23.48	23.60	24.5
	Band 66	20M	1745	132322	QPSK	1	0	Band 66	5M	2197.5	67311	23.55	23.73	24.5
	Band 66	20M	1770	132572	QPSK	1	0	Band 66	5M	2112.5	66461	23.54	23.72	24.5
CA_2A-4A	Band 2	20M	1860	18700	QPSK	1	0	Band 4	20M	2132.5	2175	23.00	23.12	23.9
	Band 2	20M	1880	18900	QPSK	1	0	Band 4	20M	2132.5	2175	22.97	23.08	23.9
	Band 2	20M	1900	19100	QPSK	1	0	Band 4	20M	2132.5	2175	22.94	23.20	23.9
	Band 4	20M	1720	20050	QPSK	1	0	Band 2	20M	1960.0	900	23.50	23.67	24.5
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 2	20M	1960.0	900	23.44	23.80	24.5
	Band 4	20M	1745	20300	QPSK	1	0	Band 2	20M	1960.0	900	23.54	23.66	24.5
CA_2A-5A	Band 2	20M	1860	18700	QPSK	1	0	Band 5	10M	881.5	2525	22.86	23.04	23.9
	Band 2	20M	1880	18900	QPSK	1	0	Band 5	10M	881.5	2525	22.98	23.02	23.9
	Band 2	20M	1900	19100	QPSK	1	0	Band 5	10M	881.5	2525	22.85	23.01	23.9
	Band 5	10M	829	20450	QPSK	1	0	Band 2	20M	1960.0	900	23.50	23.72	24.5
	Band 5	10M	836.5	20525	QPSK	1	0	Band 2	20M	1960.0	900	23.50	23.76	24.5
	Band 5	10M	844	20600	QPSK	1	0	Band 2	20M	1960.0	900	23.50	23.65	24.5
CA_2A-7A	Band 2	20M	1860	18700	QPSK	1	0	Band 7	20M	2655.0	3100	23.00	23.02	23.9
	Band 2	20M	1880	18900	QPSK	1	0	Band 7	20M	2655.0	3100	22.94	23.01	23.9

	Band 2	20M	1900	19100	QPSK	1	0	Band 7	20M	2655.0	3100	22.89	23.00	23.9
	Band 7	20M	2510	20850	QPSK	1	0	Band 2	20M	1960.0	900	22.85	23.07	23.9
	Band 7	20M	2535	21100	QPSK	1	0	Band 2	20M	1960.0	900	22.88	23.07	23.9
	Band 7	20M	2560	21350	QPSK	1	0	Band 2	20M	1960.0	900	22.85	23.07	23.9
CA_2A-38A	Band 2	20M	1860	18700	QPSK	1	0	Band 38	20M	2599.8	38048	22.89	23.05	23.9
	Band 2	20M	1880	18900	QPSK	1	0	Band 38	20M	2604.9	38099	22.92	23.16	23.9
	Band 2	20M	1900	19100	QPSK	1	0	Band 38	20M	2590.2	37952	22.92	23.03	23.9
	Band 38	20M	2510	20850	QPSK	1	0	Band 2	20M	1960.0	900	24.03	24.21	25.0
	Band 38	20M	2535	21100	QPSK	1	0	Band 2	20M	1960.0	900	24.07	24.27	25.0
	Band 38	20M	2560	21350	QPSK	1	0	Band 2	20M	1960.0	900	24.05	24.29	25.0
CA_2A-66A	Band 2	20M	1860	18700	QPSK	1	0	Band 66	20M	2155.0	66886	22.81	23.18	23.9
	Band 2	20M	1880	18900	QPSK	1	0	Band 66	20M	2155.0	66886	22.87	23.19	23.9
	Band 2	20M	1900	19100	QPSK	1	0	Band 66	20M	2155.0	66886	22.87	23.11	23.9
	Band 66	20M	1720	132072	QPSK	1	0	Band 2	20M	1960.0	900	23.60	23.62	24.5
	Band 66	20M	1745	132322	QPSK	1	0	Band 2	20M	1960.0	900	23.55	23.68	24.5
	Band 66	20M	1770	132572	QPSK	1	0	Band 2	20M	1960.0	900	23.59	23.78	24.5
CA_4A-5A	Band 4	20M	1720	20050	QPSK	1	0	Band 5	10M	881.5	2525	23.47	23.76	24.5
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 5	10M	881.5	2525	23.60	23.60	24.5
	Band 4	20M	1745	20300	QPSK	1	0	Band 5	10M	881.5	2525	23.47	23.78	24.5
	Band 5	10M	829	20450	QPSK	1	0	Band 4	20M	2132.5	2175	23.41	23.68	24.5
	Band 5	10M	836.5	20525	QPSK	1	0	Band 4	20M	2132.5	2175	23.57	23.66	24.5
	Band 5	10M	844	20600	QPSK	1	0	Band 4	20M	2132.5	2175	23.46	23.75	24.5
CA_4A-7A	Band 4	20M	1720	20050	QPSK	1	0	Band 7	20M	2655.0	3100	23.47	23.76	24.5
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 7	20M	2655.0	3100	23.60	23.65	24.5
	Band 4	20M	1745	20300	QPSK	1	0	Band 7	20M	2655.0	3100	23.44	23.80	24.5
	Band 7	20M	2510	20850	QPSK	1	0	Band 4	20M	2132.5	2175	22.88	23.19	23.9
	Band 7	20M	2535	21100	QPSK	1	0	Band 4	20M	2132.5	2175	22.80	23.00	23.9
	Band 7	20M	2560	21350	QPSK	1	0	Band 4	20M	2132.5	2175	22.99	23.16	23.9
CA_5A-7A	Band 5	10M	829	20450	QPSK	1	0	Band 7	20M	2655.0	3100	23.59	23.67	24.5
	Band 5	10M	836.5	20525	QPSK	1	0	Band 7	20M	2655.0	3100	23.54	23.63	24.5
	Band 5	10M	844	20600	QPSK	1	0	Band 7	20M	2655.0	3100	23.45	23.73	24.5
	Band 7	20M	2510	20850	QPSK	1	0	Band 5	10M	881.5	2525	22.95	23.16	23.9
	Band 7	20M	2535	21100	QPSK	1	0	Band 5	10M	881.5	2525	22.87	23.10	23.9
	Band 7	20M	2560	21350	QPSK	1	0	Band 5	10M	881.5	2525	22.84	23.02	23.9
CA_5A-38A	Band 5	10M	829	20450	QPSK	1	0	Band 38	20M	2595.0	38000	23.55	23.76	24.5
	Band 5	10M	836.5	20525	QPSK	1	0	Band 38	20M	2595.0	38000	23.52	23.66	24.5
	Band 5	10M	844	20600	QPSK	1	0	Band 38	20M	2595.0	38000	23.43	23.66	24.5
	Band 38	20M	2580	37850	QPSK	1	0	Band 5	10M	881.5	2525	24.05	24.29	25.0
	Band 38	20M	2595	38000	QPSK	1	0	Band 5	10M	881.5	2525	24.10	24.13	25.0
	Band 38	20M	2610	38150	QPSK	1	0	Band 5	10M	881.5	2525	23.97	24.26	25.0
CA_5A-41A	Band 5	10M	829	20450	QPSK	1	0	Band 41	20M	2593.0	40620	23.50	23.65	24.5
	Band 5	10M	836.5	20525	QPSK	1	0	Band 41	20M	2593.0	40620	23.40	23.69	24.5
	Band 5	10M	844	20600	QPSK	1	0	Band 41	20M	2593.0	40620	23.57	23.70	24.5
	Band 41	20M	2506	39750	QPSK	1	0	Band 5	10M	881.5	2525	24.03	24.23	25.0
	Band 41	20M	2549.5	40185	QPSK	1	0	Band 5	10M	881.5	2525	23.90	24.13	25.0
	Band 41	20M	2593	40620	QPSK	1	0	Band 5	10M	881.5	2525	24.01	24.12	25.0
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 5	10M	881.5	2525	24.05	24.26	25.0
	Band 41	20M	2680	41490	QPSK	1	0	Band 5	10M	881.5	2525	23.96	24.11	25.0
CA_5A-66A	Band 5	10M	829	20450	QPSK	1	0	Band 66	20M	2155.0	66886	23.44	23.80	24.5
	Band 5	10M	836.5	20525	QPSK	1	0	Band 66	20M	2155.0	66886	23.53	23.76	24.5
	Band 5	10M	844	20600	QPSK	1	0	Band 66	20M	2155.0	66886	23.57	23.73	24.5
	Band 66	20M	1720	132072	QPSK	1	0	Band 5	10M	881.5	2525	23.47	23.60	24.5

	Band 66	20M	1745	132322	QPSK	1	0	Band 5	10M	881.5	2525	23.59	23.60	24.5
	Band 66	20M	1770	132572	QPSK	1	0	Band 5	10M	881.5	2525	23.40	23.77	24.5
CA_7A-26A	Band 7	20M	2510	20850	QPSK	1	0	Band 26	15M	876.5	8865	22.91	23.07	23.9
	Band 7	20M	2535	21100	QPSK	1	0	Band 26	15M	876.5	8865	22.86	23.05	23.9
	Band 7	20M	2560	21350	QPSK	1	0	Band 26	15M	876.5	8865	22.84	23.09	23.9
	Band 26	15M	821.5	26765	QPSK	1	0	Band 7	20M	2655.0	3100	23.53	23.78	24.5
	Band 26	15M	831.5	26865	QPSK	1	0	Band 7	20M	2655.0	3100	23.59	23.71	24.5
	Band 26	15M	841.5	26965	QPSK	1	0	Band 7	20M	2655.0	3100	23.47	23.80	24.5
	Band 26	15M	841.5	26965	QPSK	1	0	Band 7	20M	2655.0	3100	23.47	23.80	24.5
CA_7A-66A	Band 7	20M	2510	20850	QPSK	1	0	Band 66	20M	2155.0	66886	22.90	23.19	23.9
	Band 7	20M	2535	21100	QPSK	1	0	Band 66	20M	2155.0	66886	22.98	23.12	23.9
	Band 7	20M	2560	21350	QPSK	1	0	Band 66	20M	2155.0	66886	22.95	23.00	23.9
	Band 66	20M	1720	132072	QPSK	1	0	Band 7	20M	2655.0	3100	23.52	23.64	24.5
	Band 66	20M	1745	132322	QPSK	1	0	Band 7	20M	2655.0	3100	23.55	23.75	24.5
	Band 66	20M	1770	132572	QPSK	1	0	Band 7	20M	2655.0	3100	23.42	23.78	24.5
CA_26A-41A	Band 26	15M	821.5	26765	QPSK	1	0	Band 41	20M	2593.0	40620	23.55	23.66	24.5
	Band 26	15M	831.5	26865	QPSK	1	0	Band 41	20M	2593.0	40620	23.42	23.75	24.5
	Band 26	15M	841.5	26965	QPSK	1	0	Band 41	20M	2593.0	40620	23.48	23.67	24.5
	Band 41	20M	2506	39750	QPSK	1	0	Band 26	15M	876.5	8865	23.95	24.28	25.0
	Band 41	20M	2549.5	40185	QPSK	1	0	Band 26	15M	876.5	8865	23.95	24.25	25.0
	Band 41	20M	2593	40620	QPSK	1	0	Band 26	15M	876.5	8865	23.94	24.15	25.0
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 26	15M	876.5	8865	23.90	24.20	25.0
	Band 41	20M	2680	41490	QPSK	1	0	Band 26	15M	876.5	8865	23.99	24.25	25.0

DL LTE CA Class (DSI 4/5)	PCC							SCC1				Power		
	LTE Band	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	DL LTE CA Tx.Power	LTE Rel 8 Tx.Power	Tune-up
CA_7C	Band 7	20M	2510	20850	QPSK	1	0	Band 7	20M	2649.8	3048	20.93	21.03	21.9
	Band 7	20M	2535	21100	QPSK	1	0	Band 7	20M	2674.8	3298	20.84	21.02	21.9
	Band 7	20M	2560	21350	QPSK	1	0	Band 7	20M	2660.2	3152	20.89	21.13	21.9
CA_38C	Band 38	20M	2580	37850	QPSK	1	0	Band 38	20M	2599.8	38048	22.51	22.79	23.5
	Band 38	20M	2585.1	37901	QPSK	1	0	Band 38	20M	2604.9	38099	22.52	22.73	23.5
	Band 38	20M	2610	38150	QPSK	1	0	Band 38	20M	2590.2	37952	22.58	22.80	23.5
CA_41C	Band 41	20M	2506	39750	QPSK	1	0	Band 41	20M	2525.8	39948	22.01	22.20	23.0
	Band 41	20M	2549.5	40185	QPSK	1	0	Band 41	20M	2569.3	40383	21.91	22.16	23.0
	Band 41	20M	2593	40620	QPSK	1	0	Band 41	20M	2612.8	40818	21.92	22.15	23.0
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 41	20M	2656.3	41253	22.05	22.27	23.0
	Band 41	20M	2680	41490	QPSK	1	0	Band 41	20M	2660.2	41292	21.91	22.22	23.0
CA_66C	Band 66	20M	1720	132072	QPSK	1	0	Band 66	20M	2139.8	66734	20.47	20.76	21.5
	Band 66	20M	1745	132322	QPSK	1	0	Band 66	20M	2174.8	67084	20.50	20.63	21.5
	Band 66	20M	1770	132572	QPSK	1	0	Band 66	20M	2170.2	67038	20.56	20.65	21.5
CA_2A-2A	Band 2	20M	1860	18700	QPSK	1	0	Band 2	5M	1987.5	1175	19.85	20.06	20.9
	Band 2	20M	1880	18900	QPSK	1	0	Band 2	5M	1987.5	1175	19.94	20.14	20.9
	Band 2	20M	1900	19100	QPSK	1	0	Band 2	5M	1932.5	625	19.87	20.16	20.9
CA_4A-4A	Band 4	20M	1720	20050	QPSK	1	0	Band 4	5M	2152.5	2375	20.47	20.79	21.5
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 4	5M	2152.5	2375	20.57	20.65	21.5
	Band 4	20M	1745	20300	QPSK	1	0	Band 4	5M	2112.5	1975	20.40	20.62	21.5
CA_7A-7A	Band 7	20M	2510	20850	QPSK	1	0	Band 7	5M	2687.5	3425	20.84	21.00	21.9
	Band 7	20M	2535	21100	QPSK	1	0	Band 7	5M	2687.5	3425	20.94	21.01	21.9
	Band 7	20M	2560	21350	QPSK	1	0	Band 7	5M	2622.5	2775	20.85	21.04	21.9
CA_38A-38A	Band 38	20M	2510	20850	QPSK	1	0	Band 38	5M	2599.8	38048	22.47	22.67	23.5
	Band 38	20M	2535	21100	QPSK	1	0	Band 38	5M	2604.9	38099	22.47	22.64	23.5
	Band 38	20M	2560	21350	QPSK	1	0	Band 38	5M	2590.2	37952	22.40	22.78	23.5
CA_41A-41A	Band 41	20M	2506	39750	QPSK	1	0	Band 41	5M	2687.5	41565	22.08	22.22	23.0
	Band 41	20M	2549.5	40185	QPSK	1	0	Band 41	5M	2687.5	41565	22.03	22.29	23.0
	Band 41	20M	2593	40620	QPSK	1	0	Band 41	5M	2687.5	41565	22.09	22.27	23.0
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 41	5M	2498.5	39675	22.04	22.12	23.0
	Band 41	20M	2680	41490	QPSK	1	0	Band 41	5M	2498.5	39675	21.94	22.18	23.0
CA_66A-66A	Band 66	20M	1720	132072	QPSK	1	0	Band 66	5M	2197.5	67311	20.58	20.62	21.5
	Band 66	20M	1745	132322	QPSK	1	0	Band 66	5M	2197.5	67311	20.43	20.77	21.5
	Band 66	20M	1770	132572	QPSK	1	0	Band 66	5M	2112.5	66461	20.42	20.66	21.5
CA_2A-4A	Band 2	20M	1860	18700	QPSK	1	0	Band 4	20M	2132.5	2175	19.90	20.13	20.9
	Band 2	20M	1880	18900	QPSK	1	0	Band 4	20M	2132.5	2175	19.82	20.03	20.9
	Band 2	20M	1900	19100	QPSK	1	0	Band 4	20M	2132.5	2175	19.89	20.00	20.9
	Band 4	20M	1720	20050	QPSK	1	0	Band 2	20M	1960.0	900	20.51	20.64	21.5
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 2	20M	1960.0	900	20.59	20.68	21.5
	Band 4	20M	1745	20300	QPSK	1	0	Band 2	20M	1960.0	900	20.45	20.64	21.5
CA_2A-5A	Band 2	20M	1860	18700	QPSK	1	0	Band 5	10M	881.5	2525	19.81	20.16	20.9
	Band 2	20M	1880	18900	QPSK	1	0	Band 5	10M	881.5	2525	19.95	20.18	20.9
	Band 2	20M	1900	19100	QPSK	1	0	Band 5	10M	881.5	2525	19.80	20.02	20.9
	Band 5	10M	829	20450	QPSK	1	0	Band 2	20M	1960.0	900	23.42	23.68	24.5
	Band 5	10M	836.5	20525	QPSK	1	0	Band 2	20M	1960.0	900	23.58	23.61	24.5
	Band 5	10M	844	20600	QPSK	1	0	Band 2	20M	1960.0	900	23.52	23.71	24.5
CA_2A-7A	Band 2	20M	1860	18700	QPSK	1	0	Band 7	20M	2655.0	3100	19.80	20.13	20.9
	Band 2	20M	1880	18900	QPSK	1	0	Band 7	20M	2655.0	3100	19.90	20.10	20.9
	Band 2	20M	1900	19100	QPSK	1	0	Band 7	20M	2655.0	3100	19.85	20.11	20.9

	Band 7	20M	2510	20850	QPSK	1	0	Band 2	20M	1960.0	900	20.85	21.01	21.9
	Band 7	20M	2535	21100	QPSK	1	0	Band 2	20M	1960.0	900	20.81	21.01	21.9
	Band 7	20M	2560	21350	QPSK	1	0	Band 2	20M	1960.0	900	20.80	21.15	21.9
CA_2A-38A	Band 2	20M	1860	18700	QPSK	1	0	Band 38	20M	2599.8	38048	19.93	20.10	20.9
	Band 2	20M	1880	18900	QPSK	1	0	Band 38	20M	2604.9	38099	19.86	20.11	20.9
	Band 2	20M	1900	19100	QPSK	1	0	Band 38	20M	2590.2	37952	19.98	20.11	20.9
	Band 38	20M	2510	20850	QPSK	1	0	Band 2	20M	1960.0	900	22.50	22.69	23.5
	Band 38	20M	2535	21100	QPSK	1	0	Band 2	20M	1960.0	900	22.46	22.76	23.5
	Band 38	20M	2560	21350	QPSK	1	0	Band 2	20M	1960.0	900	22.42	22.65	23.5
CA_2A-66A	Band 2	20M	1860	18700	QPSK	1	0	Band 66	20M	2155.0	66886	20.00	20.06	20.9
	Band 2	20M	1880	18900	QPSK	1	0	Band 66	20M	2155.0	66886	19.93	20.02	20.9
	Band 2	20M	1900	19100	QPSK	1	0	Band 66	20M	2155.0	66886	19.89	20.18	20.9
	Band 66	20M	1720	132072	QPSK	1	0	Band 2	20M	1960.0	900	20.60	20.64	21.5
	Band 66	20M	1745	132322	QPSK	1	0	Band 2	20M	1960.0	900	20.52	20.71	21.5
	Band 66	20M	1770	132572	QPSK	1	0	Band 2	20M	1960.0	900	20.40	20.65	21.5
CA_4A-5A	Band 4	20M	1720	20050	QPSK	1	0	Band 5	10M	881.5	2525	20.56	20.70	21.5
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 5	10M	881.5	2525	20.40	20.64	21.5
	Band 4	20M	1745	20300	QPSK	1	0	Band 5	10M	881.5	2525	20.60	20.60	21.5
	Band 5	10M	829	20450	QPSK	1	0	Band 4	20M	2132.5	2175	23.55	23.78	24.5
	Band 5	10M	836.5	20525	QPSK	1	0	Band 4	20M	2132.5	2175	23.42	23.64	24.5
	Band 5	10M	844	20600	QPSK	1	0	Band 4	20M	2132.5	2175	23.47	23.61	24.5
CA_4A-7A	Band 4	20M	1720	20050	QPSK	1	0	Band 7	20M	2655.0	3100	20.46	20.79	21.5
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 7	20M	2655.0	3100	20.51	20.63	21.5
	Band 4	20M	1745	20300	QPSK	1	0	Band 7	20M	2655.0	3100	20.41	20.77	21.5
	Band 7	20M	2510	20850	QPSK	1	0	Band 4	20M	2132.5	2175	20.81	21.20	21.9
	Band 7	20M	2535	21100	QPSK	1	0	Band 4	20M	2132.5	2175	20.99	21.04	21.9
	Band 7	20M	2560	21350	QPSK	1	0	Band 4	20M	2132.5	2175	20.98	21.03	21.9
CA_5A-7A	Band 5	10M	829	20450	QPSK	1	0	Band 7	20M	2655.0	3100	23.56	23.79	24.5
	Band 5	10M	836.5	20525	QPSK	1	0	Band 7	20M	2655.0	3100	23.47	23.61	24.5
	Band 5	10M	844	20600	QPSK	1	0	Band 7	20M	2655.0	3100	23.43	23.75	24.5
	Band 7	20M	2510	20850	QPSK	1	0	Band 5	10M	881.5	2525	20.97	21.04	21.9
	Band 7	20M	2535	21100	QPSK	1	0	Band 5	10M	881.5	2525	20.90	21.07	21.9
	Band 7	20M	2560	21350	QPSK	1	0	Band 5	10M	881.5	2525	20.97	21.07	21.9
CA_5A-38A	Band 5	10M	829	20450	QPSK	1	0	Band 38	20M	2595.0	38000	23.43	23.63	24.5
	Band 5	10M	836.5	20525	QPSK	1	0	Band 38	20M	2595.0	38000	23.59	23.76	24.5
	Band 5	10M	844	20600	QPSK	1	0	Band 38	20M	2595.0	38000	23.41	23.61	24.5
	Band 38	20M	2580	37850	QPSK	1	0	Band 5	10M	881.5	2525	22.56	22.67	23.5
	Band 38	20M	2595	38000	QPSK	1	0	Band 5	10M	881.5	2525	22.56	22.65	23.5
	Band 38	20M	2610	38150	QPSK	1	0	Band 5	10M	881.5	2525	22.59	22.75	23.5
CA_5A-41A	Band 5	10M	829	20450	QPSK	1	0	Band 41	20M	2593.0	40620	23.47	23.74	24.5
	Band 5	10M	836.5	20525	QPSK	1	0	Band 41	20M	2593.0	40620	23.54	23.74	24.5
	Band 5	10M	844	20600	QPSK	1	0	Band 41	20M	2593.0	40620	23.58	23.69	24.5
	Band 41	20M	2506	39750	QPSK	1	0	Band 5	10M	881.5	2525	21.93	22.13	23.0
	Band 41	20M	2549.5	40185	QPSK	1	0	Band 5	10M	881.5	2525	22.10	22.20	23.0
	Band 41	20M	2593	40620	QPSK	1	0	Band 5	10M	881.5	2525	22.06	22.19	23.0
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 5	10M	881.5	2525	21.93	22.27	23.0
	Band 41	20M	2680	41490	QPSK	1	0	Band 5	10M	881.5	2525	22.03	22.10	23.0
CA_5A-66A	Band 5	10M	829	20450	QPSK	1	0	Band 66	20M	2155.0	66886	23.41	23.67	24.5
	Band 5	10M	836.5	20525	QPSK	1	0	Band 66	20M	2155.0	66886	23.55	23.73	24.5
	Band 5	10M	844	20600	QPSK	1	0	Band 66	20M	2155.0	66886	23.41	23.75	24.5
	Band 66	20M	1720	132072	QPSK	1	0	Band 5	10M	881.5	2525	20.55	20.63	21.5
	Band 66	20M	1745	132322	QPSK	1	0	Band 5	10M	881.5	2525	20.51	20.73	21.5

	Band 66	20M	1770	132572	QPSK	1	0	Band 5	10M	881.5	2525	20.56	20.62	21.5
CA_7A-26A	Band 7	20M	2510	20850	QPSK	1	0	Band 26	15M	876.5	8865	20.95	21.18	21.9
	Band 7	20M	2535	21100	QPSK	1	0	Band 26	15M	876.5	8865	21.00	21.13	21.9
	Band 7	20M	2560	21350	QPSK	1	0	Band 26	15M	876.5	8865	20.92	21.00	21.9
	Band 26	15M	821.5	26765	QPSK	1	0	Band 7	20M	2655.0	3100	23.55	23.67	24.5
	Band 26	15M	831.5	26865	QPSK	1	0	Band 7	20M	2655.0	3100	23.59	23.68	24.5
	Band 26	15M	841.5	26965	QPSK	1	0	Band 7	20M	2655.0	3100	23.48	23.61	24.5
CA_7A-66A	Band 7	20M	2510	20850	QPSK	1	0	Band 66	20M	2155.0	66886	20.92	21.09	21.9
	Band 7	20M	2535	21100	QPSK	1	0	Band 66	20M	2155.0	66886	20.84	21.14	21.9
	Band 7	20M	2560	21350	QPSK	1	0	Band 66	20M	2155.0	66886	20.91	21.08	21.9
	Band 66	20M	1720	132072	QPSK	1	0	Band 7	20M	2655.0	3100	20.48	20.78	21.5
	Band 66	20M	1745	132322	QPSK	1	0	Band 7	20M	2655.0	3100	20.60	20.69	21.5
	Band 66	20M	1770	132572	QPSK	1	0	Band 7	20M	2655.0	3100	20.60	20.79	21.5
CA_26A-41A	Band 26	15M	821.5	26765	QPSK	1	0	Band 41	20M	2593.0	40620	23.42	23.74	24.5
	Band 26	15M	831.5	26865	QPSK	1	0	Band 41	20M	2593.0	40620	23.55	23.68	24.5
	Band 26	15M	841.5	26965	QPSK	1	0	Band 41	20M	2593.0	40620	23.54	23.77	24.5
	Band 41	20M	2506	39750	QPSK	1	0	Band 26	15M	876.5	8865	22.00	22.12	23.0
	Band 41	20M	2549.5	40185	QPSK	1	0	Band 26	15M	876.5	8865	22.03	22.30	23.0
	Band 41	20M	2593	40620	QPSK	1	0	Band 26	15M	876.5	8865	21.99	22.27	23.0
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 26	15M	876.5	8865	22.02	22.22	23.0
	Band 41	20M	2680	41490	QPSK	1	0	Band 26	15M	876.5	8865	21.90	22.21	23.0

DL LTE CA Class (DSI 8/9/10)	PCC							SCC1				Power		
	LTE Band	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	DL LTE CA Tx.Power	LTE Rel 8 Tx.Power	Tune-up
CA_7C	Band 7	20M	2510	20850	QPSK	1	0	Band 7	20M	2649.8	3048	19.42	19.55	20.4
	Band 7	20M	2535	21100	QPSK	1	0	Band 7	20M	2674.8	3298	19.48	19.58	20.4
	Band 7	20M	2560	21350	QPSK	1	0	Band 7	20M	2660.2	3152	19.44	19.62	20.4
CA_38C	Band 38	20M	2580	37850	QPSK	1	0	Band 38	20M	2599.8	38048	22.55	22.79	23.5
	Band 38	20M	2585.1	37901	QPSK	1	0	Band 38	20M	2604.9	38099	22.44	22.78	23.5
	Band 38	20M	2610	38150	QPSK	1	0	Band 38	20M	2590.2	37952	22.56	22.67	23.5
CA_41C	Band 41	20M	2506	39750	QPSK	1	0	Band 41	20M	2525.8	39948	21.94	22.18	23.0
	Band 41	20M	2549.5	40185	QPSK	1	0	Band 41	20M	2569.3	40383	22.02	22.14	23.0
	Band 41	20M	2593	40620	QPSK	1	0	Band 41	20M	2612.8	40818	22.04	22.26	23.0
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 41	20M	2656.3	41253	22.07	22.13	23.0
	Band 41	20M	2680	41490	QPSK	1	0	Band 41	20M	2660.2	41292	22.06	22.27	23.0
CA_66C	Band 66	20M	1720	132072	QPSK	1	0	Band 66	20M	2139.8	66734	18.52	18.73	19.5
	Band 66	20M	1745	132322	QPSK	1	0	Band 66	20M	2174.8	67084	18.60	18.77	19.5
	Band 66	20M	1770	132572	QPSK	1	0	Band 66	20M	2170.2	67038	18.58	18.61	19.5
CA_2A-2A	Band 2	20M	1860	18700	QPSK	1	0	Band 2	5M	1987.5	1175	17.90	18.10	18.9
	Band 2	20M	1880	18900	QPSK	1	0	Band 2	5M	1987.5	1175	17.98	18.02	18.9
	Band 2	20M	1900	19100	QPSK	1	0	Band 2	5M	1932.5	625	17.83	18.19	18.9
CA_4A-4A	Band 4	20M	1720	20050	QPSK	1	0	Band 4	5M	2152.5	2375	18.43	18.66	19.5
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 4	5M	2152.5	2375	18.52	18.62	19.5
	Band 4	20M	1745	20300	QPSK	1	0	Band 4	5M	2112.5	1975	18.41	18.71	19.5
CA_7A-7A	Band 7	20M	2510	20850	QPSK	1	0	Band 7	5M	2687.5	3425	19.41	19.57	20.4
	Band 7	20M	2535	21100	QPSK	1	0	Band 7	5M	2687.5	3425	19.33	19.62	20.4
	Band 7	20M	2560	21350	QPSK	1	0	Band 7	5M	2622.5	2775	19.36	19.50	20.4
CA_38A-38A	Band 38	20M	2510	20850	QPSK	1	0	Band 38	5M	2599.8	38048	22.51	22.63	23.5
	Band 38	20M	2535	21100	QPSK	1	0	Band 38	5M	2604.9	38099	22.57	22.60	23.5
	Band 38	20M	2560	21350	QPSK	1	0	Band 38	5M	2590.2	37952	22.43	22.73	23.5
CA_41A-41A	Band 41	20M	2506	39750	QPSK	1	0	Band 41	5M	2687.5	41565	22.08	22.11	23.0
	Band 41	20M	2549.5	40185	QPSK	1	0	Band 41	5M	2687.5	41565	22.03	22.19	23.0
	Band 41	20M	2593	40620	QPSK	1	0	Band 41	5M	2687.5	41565	21.97	22.27	23.0
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 41	5M	2498.5	39675	22.04	22.28	23.0
	Band 41	20M	2680	41490	QPSK	1	0	Band 41	5M	2498.5	39675	21.93	22.18	23.0
CA_66A-66A	Band 66	20M	1720	132072	QPSK	1	0	Band 66	5M	2197.5	67311	18.43	18.65	19.5
	Band 66	20M	1745	132322	QPSK	1	0	Band 66	5M	2197.5	67311	18.43	18.73	19.5
	Band 66	20M	1770	132572	QPSK	1	0	Band 66	5M	2112.5	66461	18.58	18.73	19.5
CA_2A-4A	Band 2	20M	1860	18700	QPSK	1	0	Band 4	20M	2132.5	2175	17.99	18.11	18.9
	Band 2	20M	1880	18900	QPSK	1	0	Band 4	20M	2132.5	2175	17.90	18.08	18.9
	Band 2	20M	1900	19100	QPSK	1	0	Band 4	20M	2132.5	2175	17.85	18.03	18.9
	Band 4	20M	1720	20050	QPSK	1	0	Band 2	20M	1960.0	900	18.41	18.73	19.5
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 2	20M	1960.0	900	18.41	18.60	19.5
	Band 4	20M	1745	20300	QPSK	1	0	Band 2	20M	1960.0	900	18.48	18.63	19.5
CA_2A-5A	Band 2	20M	1860	18700	QPSK	1	0	Band 5	10M	881.5	2525	17.98	18.01	18.9
	Band 2	20M	1880	18900	QPSK	1	0	Band 5	10M	881.5	2525	17.93	18.19	18.9
	Band 2	20M	1900	19100	QPSK	1	0	Band 5	10M	881.5	2525	17.80	18.19	18.9
	Band 5	10M	829	20450	QPSK	1	0	Band 2	20M	1960.0	900	23.51	23.74	24.5
	Band 5	10M	836.5	20525	QPSK	1	0	Band 2	20M	1960.0	900	23.60	23.67	24.5
	Band 5	10M	844	20600	QPSK	1	0	Band 2	20M	1960.0	900	23.51	23.60	24.5
CA_2A-7A	Band 2	20M	1860	18700	QPSK	1	0	Band 7	20M	2655.0	3100	17.81	18.01	18.9
	Band 2	20M	1880	18900	QPSK	1	0	Band 7	20M	2655.0	3100	17.93	18.20	18.9
	Band 2	20M	1900	19100	QPSK	1	0	Band 7	20M	2655.0	3100	17.88	18.06	18.9
	Band 7	20M	2510	20850	QPSK	1	0	Band 2	20M	1960.0	900	19.31	19.69	20.4
	Band 7	20M	2535	21100	QPSK	1	0	Band 2	20M	1960.0	900	19.40	19.55	20.4
	Band 7	20M	2560	21350	QPSK	1	0	Band 2	20M	1960.0	900	19.46	19.62	20.4
CA_2A-38A	Band 2	20M	1860	18700	QPSK	1	0	Band 38	20M	2599.8	38048	17.99	18.01	18.9
	Band 2	20M	1880	18900	QPSK	1	0	Band 38	20M	2604.9	38099	17.83	18.03	18.9
	Band 2	20M	1900	19100	QPSK	1	0	Band 38	20M	2590.2	37952	17.93	18.15	18.9

	Band 38	20M	2510	20850	QPSK	1	0	Band 2	20M	1960.0	900	22.46	22.76	23.5
	Band 38	20M	2535	21100	QPSK	1	0	Band 2	20M	1960.0	900	22.60	22.61	23.5
	Band 38	20M	2560	21350	QPSK	1	0	Band 2	20M	1960.0	900	22.42	22.76	23.5
CA_2A-66A	Band 2	20M	1860	18700	QPSK	1	0	Band 66	20M	2155.0	66886	17.95	18.02	18.9
	Band 2	20M	1880	18900	QPSK	1	0	Band 66	20M	2155.0	66886	17.93	18.02	18.9
	Band 2	20M	1900	19100	QPSK	1	0	Band 66	20M	2155.0	66886	17.89	18.06	18.9
	Band 66	20M	1720	132072	QPSK	1	0	Band 2	20M	1960.0	900	18.49	18.75	19.5
	Band 66	20M	1745	132322	QPSK	1	0	Band 2	20M	1960.0	900	18.60	18.70	19.5
	Band 66	20M	1770	132572	QPSK	1	0	Band 2	20M	1960.0	900	18.42	18.68	19.5
	Band 66	20M	1770	132572	QPSK	1	0	Band 2	20M	1960.0	900	18.42	18.68	19.5
CA_4A-5A	Band 4	20M	1720	20050	QPSK	1	0	Band 5	10M	881.5	2525	18.58	18.80	19.5
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 5	10M	881.5	2525	18.44	18.78	19.5
	Band 4	20M	1745	20300	QPSK	1	0	Band 5	10M	881.5	2525	18.41	18.77	19.5
	Band 5	10M	829	20450	QPSK	1	0	Band 4	20M	2132.5	2175	23.51	23.69	24.5
	Band 5	10M	836.5	20525	QPSK	1	0	Band 4	20M	2132.5	2175	23.55	23.75	24.5
	Band 5	10M	844	20600	QPSK	1	0	Band 4	20M	2132.5	2175	23.40	23.62	24.5
CA_4A-7A	Band 4	20M	1720	20050	QPSK	1	0	Band 7	20M	2655.0	3100	18.46	18.70	19.5
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 7	20M	2655.0	3100	18.56	18.72	19.5
	Band 4	20M	1745	20300	QPSK	1	0	Band 7	20M	2655.0	3100	18.56	18.67	19.5
	Band 7	20M	2510	20850	QPSK	1	0	Band 4	20M	2132.5	2175	19.41	19.68	20.4
	Band 7	20M	2535	21100	QPSK	1	0	Band 4	20M	2132.5	2175	19.30	19.62	20.4
	Band 7	20M	2560	21350	QPSK	1	0	Band 4	20M	2132.5	2175	19.44	19.66	20.4
CA_5A-7A	Band 5	10M	829	20450	QPSK	1	0	Band 7	20M	2655.0	3100	23.58	23.60	24.5
	Band 5	10M	836.5	20525	QPSK	1	0	Band 7	20M	2655.0	3100	23.40	23.62	24.5
	Band 5	10M	844	20600	QPSK	1	0	Band 7	20M	2655.0	3100	23.40	23.72	24.5
	Band 7	20M	2510	20850	QPSK	1	0	Band 5	10M	881.5	2525	19.39	19.64	20.4
	Band 7	20M	2535	21100	QPSK	1	0	Band 5	10M	881.5	2525	19.32	19.55	20.4
	Band 7	20M	2560	21350	QPSK	1	0	Band 5	10M	881.5	2525	19.35	19.59	20.4
CA_5A-38A	Band 5	10M	829	20450	QPSK	1	0	Band 38	20M	2595.0	38000	23.40	23.70	24.5
	Band 5	10M	836.5	20525	QPSK	1	0	Band 38	20M	2595.0	38000	23.50	23.67	24.5
	Band 5	10M	844	20600	QPSK	1	0	Band 38	20M	2595.0	38000	23.57	23.61	24.5
	Band 38	20M	2580	37850	QPSK	1	0	Band 5	10M	881.5	2525	22.56	22.75	23.5
	Band 38	20M	2595	38000	QPSK	1	0	Band 5	10M	881.5	2525	22.43	22.61	23.5
	Band 38	20M	2610	38150	QPSK	1	0	Band 5	10M	881.5	2525	22.59	22.66	23.5
CA_5A-41A	Band 5	10M	829	20450	QPSK	1	0	Band 41	20M	2593.0	40620	23.48	23.61	24.5
	Band 5	10M	836.5	20525	QPSK	1	0	Band 41	20M	2593.0	40620	23.55	23.76	24.5
	Band 5	10M	844	20600	QPSK	1	0	Band 41	20M	2593.0	40620	23.54	23.63	24.5
	Band 41	20M	2506	39750	QPSK	1	0	Band 5	10M	881.5	2525	22.01	22.23	23.0
	Band 41	20M	2549.5	40185	QPSK	1	0	Band 5	10M	881.5	2525	22.06	22.27	23.0
	Band 41	20M	2593	40620	QPSK	1	0	Band 5	10M	881.5	2525	21.94	22.17	23.0
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 5	10M	881.5	2525	21.91	22.20	23.0
	Band 41	20M	2680	41490	QPSK	1	0	Band 5	10M	881.5	2525	22.02	22.16	23.0
CA_5A-66A	Band 5	10M	829	20450	QPSK	1	0	Band 66	20M	2155.0	66886	23.46	23.65	24.5
	Band 5	10M	836.5	20525	QPSK	1	0	Band 66	20M	2155.0	66886	23.56	23.71	24.5
	Band 5	10M	844	20600	QPSK	1	0	Band 66	20M	2155.0	66886	23.46	23.61	24.5
	Band 66	20M	1720	132072	QPSK	1	0	Band 5	10M	881.5	2525	18.60	18.74	19.5
	Band 66	20M	1745	132322	QPSK	1	0	Band 5	10M	881.5	2525	18.48	18.78	19.5
	Band 66	20M	1770	132572	QPSK	1	0	Band 5	10M	881.5	2525	18.43	18.63	19.5
CA_7A-26A	Band 7	20M	2510	20850	QPSK	1	0	Band 26	15M	876.5	8865	19.35	19.54	20.4
	Band 7	20M	2535	21100	QPSK	1	0	Band 26	15M	876.5	8865	19.35	19.66	20.4
	Band 7	20M	2560	21350	QPSK	1	0	Band 26	15M	876.5	8865	19.35	19.69	20.4
	Band 26	15M	821.5	26765	QPSK	1	0	Band 7	20M	2655.0	3100	23.42	23.74	24.5
	Band 26	15M	831.5	26865	QPSK	1	0	Band 7	20M	2655.0	3100	23.45	23.77	24.5
	Band 26	15M	841.5	26965	QPSK	1	0	Band 7	20M	2655.0	3100	23.47	23.67	24.5
CA_7A-66A	Band 7	20M	2510	20850	QPSK	1	0	Band 66	20M	2155.0	66886	19.46	19.50	20.4
	Band 7	20M	2535	21100	QPSK	1	0	Band 66	20M	2155.0	66886	19.45	19.61	20.4
	Band 7	20M	2560	21350	QPSK	1	0	Band 66	20M	2155.0	66886	19.48	19.58	20.4
	Band 66	20M	1720	132072	QPSK	1	0	Band 7	20M	2655.0	3100	18.51	18.78	19.5
	Band 66	20M	1745	132322	QPSK	1	0	Band 7	20M	2655.0	3100	18.50	18.68	19.5



	Band 66	20M	1770	132572	QPSK	1	0	Band 7	20M	2655.0	3100	18.45	18.73	19.5
CA_26A-41A	Band 26	15M	821.5	26765	QPSK	1	0	Band 41	20M	2593.0	40620	23.53	23.80	24.5
	Band 26	15M	831.5	26865	QPSK	1	0	Band 41	20M	2593.0	40620	23.47	23.77	24.5
	Band 26	15M	841.5	26965	QPSK	1	0	Band 41	20M	2593.0	40620	23.55	23.60	24.5
	Band 41	20M	2506	39750	QPSK	1	0	Band 26	15M	876.5	8865	22.06	22.14	23.0
	Band 41	20M	2549.5	40185	QPSK	1	0	Band 26	15M	876.5	8865	22.00	22.12	23.0
	Band 41	20M	2593	40620	QPSK	1	0	Band 26	15M	876.5	8865	22.08	22.23	23.0
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 26	15M	876.5	8865	21.93	22.14	23.0
	Band 41	20M	2680	41490	QPSK	1	0	Band 26	15M	876.5	8865	22.08	22.16	23.0

7 Conducted Power of NR SA Antenna

7.1 Conducted Power of NR SA Antenna (Ant11)

NR N2 DSI 2/3				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376000	380000	
				1860	1880	1900	
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	17.20	17.26	17.05	18.30
		1	26	17.39	17.23	17.15	18.30
		1	49	17.17	17.10	17.07	18.30
		25	0	16.82	16.78	16.81	17.80
		25	13	17.31	17.37	17.36	18.30
		25	26	16.79	16.62	16.78	17.80
		50	0	16.89	16.82	16.78	17.80
	DFT-s-OFDM QPSK	1	1	17.17	17.16	17.09	18.30
		1	26	17.25	17.20	17.23	18.30
		1	49	17.12	17.06	17.14	18.30
		25	0	16.23	16.25	16.31	17.30
		25	13	17.35	17.25	17.25	18.30
		25	26	16.35	16.28	16.29	17.30
		50	0	16.31	16.22	16.24	17.30
	DFT-s-OFDM 16QAM	1	1	15.82	15.92	15.85	17.30
	DFT-s-OFDM 64QAM	1	1	14.40	14.53	14.41	15.80
	DFT-s-OFDM 256QAM	1	1	13.05	13.09	12.96	13.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376000	380000	
20MHz	CP-OFDM QPSK	1	1	15.66	15.78	15.59	16.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371500	376000	380500	
15MHz	DFT-s-OFDM QPSK	1	1	17.11	17.15	17.06	18.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371000	376000	381000	
10MHz	DFT-s-OFDM QPSK	1	1	17.17	17.27	17.11	18.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376000	380000	
20MHz(15k)	DFT-s-OFDM QPSK	1	1	17.22	17.29	17.12	18.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				370500	376000	381500	
5MHz(15k)	DFT-s-OFDM QPSK	1	1	17.26	17.21	17.22	18.30

NR N2 DSI 4				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376000	380000	
				1860	1880	1900	
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	23.13	23.21	23.07	24.30
		1	26	23.35	23.25	23.19	24.30
		1	49	23.20	23.08	23.05	24.30
		25	0	22.74	22.80	22.75	23.80
		25	13	23.33	23.30	23.29	24.30
		25	26	22.83	22.66	22.72	23.80
		50	0	22.81	22.74	22.79	23.80
	DFT-s-OFDM QPSK	1	1	23.11	23.16	23.03	24.30
		1	26	23.28	23.21	23.15	24.30
		1	49	23.15	23.04	23.08	24.30
		25	0	22.24	22.28	22.24	23.30
		25	13	23.29	23.26	23.25	24.30
		25	26	22.31	22.21	22.24	23.30
		50	0	22.26	22.23	22.26	23.30
	DFT-s-OFDM 16QAM	1	1	21.80	21.92	21.82	23.30
	DFT-s-OFDM 64QAM	1	1	20.32	20.46	20.33	21.80
	DFT-s-OFDM 256QAM	1	1	18.98	19.01	18.92	19.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376000	380000	
20MHz	CP-OFDM QPSK	1	1	21.63	21.72	21.60	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371500	376000	380500	
15MHz	DFT-s-OFDM QPSK	1	1	23.10	23.18	23.06	24.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371000	376000	381000	
10MHz	DFT-s-OFDM QPSK	1	1	23.12	23.20	23.10	24.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376000	380000	
20MHz(15k)	DFT-s-OFDM QPSK	1	1	23.16	23.22	23.11	24.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				370500	376000	381500	
5MHz(15k)	DFT-s-OFDM QPSK	1	1	23.20	23.25	23.16	24.30

NR N2 DSI 5/8/9/10				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376000	380000	
				1860	1880	1900	
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	17.60	17.68	17.53	18.80
		1	26	17.86	17.71	17.69	18.80
		1	49	17.78	17.62	17.52	18.80
		25	0	17.31	17.28	17.22	18.30
		25	13	17.87	17.81	17.79	18.80
		25	26	17.35	17.24	17.18	18.30
		50	0	17.27	17.32	17.31	18.30
	DFT-s-OFDM QPSK	1	1	17.60	17.68	17.57	18.80
		1	26	17.86	17.77	17.70	18.80
		1	49	17.64	17.56	17.54	18.80
		25	0	16.75	16.80	16.78	17.80
		25	13	17.87	17.72	17.76	18.80
		25	26	16.87	16.71	16.76	17.80
		50	0	16.82	16.71	16.72	17.80
	DFT-s-OFDM 16QAM	1	1	16.35	16.42	16.31	17.80
	DFT-s-OFDM 64QAM	1	1	14.89	14.98	14.85	16.30
	DFT-s-OFDM 256QAM	1	1	13.52	13.59	13.48	14.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376000	380000	
20MHz	CP-OFDM QPSK	1	1	16.15	16.26	16.15	17.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371500	376000	380500	
15MHz	DFT-s-OFDM QPSK	1	1	17.66	17.67	17.61	18.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				371000	376000	381000	
10MHz	DFT-s-OFDM QPSK	1	1	17.70	17.72	17.61	18.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				372000	376000	380000	
20MHz(15k)	DFT-s-OFDM QPSK	1	1	17.66	17.69	17.61	18.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				370500	376000	381500	
5MHz(15k)	DFT-s-OFDM QPSK	1	1	17.78	17.83	17.66	18.80

NR N7 DSI 2/3				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502000	507000	512000	
				2510	2535	2560	
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	15.02	15.03	14.92	16.00
		1	26	15.13	15.08	15.16	16.00
		1	49	15.05	14.94	15.05	16.00
		25	0	14.56	14.71	14.71	15.50
		25	13	15.19	15.23	15.21	16.00
		25	26	14.68	14.63	14.60	15.50
		50	0	14.60	14.69	14.58	15.50
	DFT-s-OFDM QPSK	1	1	14.98	14.93	14.87	16.00
		1	26	15.02	15.05	15.10	16.00
		1	49	15.02	14.90	15.05	16.00
		25	0	14.07	14.17	14.18	15.00
		25	13	15.07	15.17	15.08	16.00
		25	26	14.10	14.07	14.06	15.00
		50	0	14.16	14.13	14.09	15.00
	DFT-s-OFDM 16QAM	1	1	13.70	13.80	13.70	15.00
	DFT-s-OFDM 64QAM	1	1	12.25	12.26	12.14	13.50
	DFT-s-OFDM 256QAM	1	1	10.28	10.87	10.67	11.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				505000	507000	509000	
20MHz	CP-OFDM QPSK	1	1	13.58	13.57	13.37	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501500	507000	512500	
15MHz	DFT-s-OFDM QPSK	1	1	15.10	15.08	14.99	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501000	507000	513000	
10MHz	DFT-s-OFDM QPSK	1	1	15.11	15.10	14.91	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502000	507000	512000	
20MHz(15k)	DFT-s-OFDM QPSK	1	1	15.00	15.05	14.91	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500500	507000	513500	
5MHz(15k)	DFT-s-OFDM QPSK	1	1	15.19	15.12	14.98	16.00