



Tune up Power (dBm)

CA 5B											
Combination 10MHz+10MHz (50RB+50RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	MPR Level	Power Reduction	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset					
20450	20549	QPSK	1	0	0	0	1	0	Full	23.50	25
20525	20624	QPSK	1	0	0	0	1	0	Full	23.66	25
20600	20501	QPSK	1	0	0	0	1	0	Full	23.60	25
20450	20549	QPSK	1	0	0	0	1	0	Receiver on	23.50	25
20525	20624	QPSK	1	0	0	0	1	0	Receiver on	23.66	25
20600	20501	QPSK	1	0	0	0	1	0	Receiver on	23.60	25
20450	20549	QPSK	1	0	0	0	1	0	Receiver off	23.50	25
20525	20624	QPSK	1	0	0	0	1	0	Receiver off	23.66	25
20600	20501	QPSK	1	0	0	0	1	0	Receiver off	23.60	25
20450	20549	QPSK	1	0	0	0	1	0	Hotspot on	23.50	25
20525	20624	QPSK	1	0	0	0	1	0	Hotspot on	23.66	25
20600	20501	QPSK	1	0	0	0	1	0	Hotspot on	23.60	25



CA_66B_Ant 0											
Combination 15MHz+5MHz (75RB+25RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Power Reduction	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset					
132047	132140	QPSK	1	37	0	0	1	0	Full	23.68	25.50
132322	132415	QPSK	1	37	0	0	1	0	Full	23.75	25.50
132597	132504	QPSK	1	37	0	0	1	0	Full	23.83	25.50
132047	132140	QPSK	1	37	0	0	1	0	Receiver on	23.68	25.50
132322	132415	QPSK	1	37	0	0	1	0	Receiver on	23.75	25.50
132597	132504	QPSK	1	37	0	0	1	0	Receiver on	23.83	25.50
132047	132140	QPSK	1	37	0	0	1	0	Receiver off	22.25	24.00
132322	132415	QPSK	1	37	0	0	1	0	Receiver off	22.33	24.00
132597	132504	QPSK	1	37	0	0	1	0	Receiver off	22.40	24.00
132047	132140	QPSK	1	37	0	0	1	0	Hotspot on	20.76	22.50
132322	132415	QPSK	1	37	0	0	1	0	Hotspot on	20.85	22.50
132597	132504	QPSK	1	37	0	0	1	0	Hotspot on	20.87	22.50

CA_66C_Ant 0											
Combination 20MHz+20MHz (100RB+100RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Power Reduction	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset					
132072	132270	QPSK	1	49	0	0	1	0	Full	23.65	25.50
132342	132520	QPSK	1	49	0	0	1	0	Full	23.78	25.50
132572	132374	QPSK	1	49	0	0	1	0	Full	23.85	25.50
132072	132270	QPSK	1	49	0	0	1	0	Receiver on	23.65	25.50
132342	132520	QPSK	1	49	0	0	1	0	Receiver on	23.78	25.50
132572	132374	QPSK	1	49	0	0	1	0	Receiver on	23.85	25.50
132072	132270	QPSK	1	49	0	0	1	0	Receiver off	22.20	24.00
132342	132520	QPSK	1	49	0	0	1	0	Receiver off	22.32	24.00
132572	132374	QPSK	1	49	0	0	1	0	Receiver off	22.37	24.00
132072	132270	QPSK	1	49	0	0	1	0	Hotspot on	20.76	22.50
132342	132520	QPSK	1	49	0	0	1	0	Hotspot on	20.83	22.50
132572	132374	QPSK	1	49	0	0	1	0	Hotspot on	20.85	22.50



Full Power															
2CC															
Configure	CA Configuration (BCS)	PCC							SCC				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	With CA Tx.Power (dBm)	W/O CA Tx.Power (dBm)	
Inter-Band	CA_13A-66A	Band 13	10M	782	23230	QPSK	1	25	Band 66	20M	2155	66886	23.65	24.06	
	CA_2A-13A	Band 2	20M	1880	18900	QPSK	1	49	Band 13	10M	751	5230	23.93	24.50	
	CA_2A-4A	Band 2	20M	1880	18900	QPSK	1	49	Band 4	20M	2132.5	2175	23.91	24.50	
	CA_2A-5A	Band 2	20M	1880	18900	QPSK	1	49	Band 5	10M	881.5	2525	23.96	24.50	
	CA_2A-66A	Band 2	20M	1880	18900	QPSK	1	49	Band 66	20M	2155	66886	23.95	24.50	
	CA_4A-13A	Band 4	20M	1732.5	20175	QPSK	1	49	Band 13	10M	751	5230	23.95	24.41	
	CA_4A-5A	Band 4	20M	1732.5	20175	QPSK	1	49	Band 5	10M	881.5	2525	23.99	24.41	
Intra-Band	Non-Contiguous	CA_5A-66A	Band 5	10M	836.5	20525	QPSK	1	25	Band 66	20M	2155	66886	23.70	23.86
		CA_2A-2A	Band 2	20M	1880	18900	QPSK	1	49	Band 2	5M	1987.5	1175	23.91	24.50
		CA_4A-4A	Band 4	20M	20175	1732.5	QPSK	1	49	Band 4	5M	2152.5	2375	23.92	24.41
	Contiguous	CA_5A-5A	Band 5	10M	836.5	20525	QPSK	1	25	Band 5	5M	891.5	2625	23.75	23.86
		CA_66A-66A	Band 66	20M	1745	132322	QPSK	1	49	Band 66	5M	2197.5	67311	23.91	24.48
		CA_5B	Band 5	10M	836.5	20525	QPSK	1	25	Band 5	5M	891.40	2426	23.72	23.86
		CA_66B	Band 66	15M	1745	132322	QPSK	1	37	Band 66	5M	2164.30	66979	23.97	24.48
CA_66C	Band 66	20M	1745	132322	QPSK	1	49	Band 66	20M	2174.80	67084	23.90	24.48		