

5.3 Conducted Power of LTE Downlink CA (Ant11)

DL LTE CA Class DSI5	PCC							SCC1		SCC2		SCC3		SCC3		Power		Tune up (dBm)
	LTE Band	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	LTE Band	BW (MHz)	LTE Band	BW (MHz)	LTE Band	BW (MHz)	LTE Band	BW (MHz)	With CA Tx.Power (dBm)	W/O CA Tx.Power (dBm)	
CA_7C	Band 7	20M	2510	20850	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	19.13	19.21	20.30
	Band 7	20M	2535	21100	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	19.08	19.20	20.30
	Band 7	20M	2560	21350	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	19.10	19.24	20.30
CA_38C	Band 38	20M	2580	37850	QPSK	1	0	Band 38	20M	/	/	/	/	/	/	20.22	20.32	21.40
	Band 38	20M	2585.1	37901	QPSK	1	0	Band 38	20M	/	/	/	/	/	/	20.19	20.33	21.40
	Band 38	20M	2610	38150	QPSK	1	0	Band 38	20M	/	/	/	/	/	/	20.19	20.25	21.40
CA_41C	Band 41	20M	2506	39750	QPSK	1	0	Band 41	20M	/	/	/	/	/	/	20.18	20.33	21.40
	Band 41	20M	2549.5	40185	QPSK	1	0	Band 41	20M	/	/	/	/	/	/	20.15	20.27	21.40
	Band 41	20M	2593	40620	QPSK	1	0	Band 41	20M	/	/	/	/	/	/	20.16	20.29	21.40
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 41	20M	/	/	/	/	/	/	20.26	20.35	21.40
	Band 41	20M	2680	41490	QPSK	1	0	Band 41	20M	/	/	/	/	/	/	20.25	20.33	21.40
CA_66C	Band 66	20M	1720	132072	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	21.25	21.33	22.40
	Band 66	20M	1745	132322	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	21.26	21.33	22.40
	Band 66	20M	1770	132572	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	21.15	21.26	22.40
CA_7B	Band 7	15M	2507.5	20825	QPSK	1	0	Band 7	5M	/	/	/	/	/	/	19.10	19.23	20.30
	Band 7	15M	2535	21100	QPSK	1	0	Band 7	5M	/	/	/	/	/	/	19.10	19.16	20.30
	Band 7	15M	2562.5	21375	QPSK	1	0	Band 7	5M	/	/	/	/	/	/	19.19	19.25	20.30
CA_66B	Band 66	15M	1717.5	132047	QPSK	1	0	Band 66	5M	/	/	/	/	/	/	21.17	21.26	22.40
	Band 66	15M	1745	132322	QPSK	1	0	Band 66	5M	/	/	/	/	/	/	21.21	21.34	22.40
	Band 66	15M	1772.5	132597	QPSK	1	0	Band 66	5M	/	/	/	/	/	/	21.19	21.27	22.40
CA_2A-2A	Band 2	20M	1860	18700	QPSK	1	0	Band 2	5M	/	/	/	/	/	/	19.30	19.35	20.40
	Band 2	20M	1880	18900	QPSK	1	0	Band 2	5M	/	/	/	/	/	/	19.16	19.26	20.40
	Band 2	20M	1900	19100	QPSK	1	0	Band 2	5M	/	/	/	/	/	/	19.15	19.27	20.40
CA_4A-4A	Band 4	20M	1720	20050	QPSK	1	0	Band 4	5M	/	/	/	/	/	/	21.16	21.29	22.40
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 4	5M	/	/	/	/	/	/	21.16	21.29	22.40
	Band 4	20M	1745	20300	QPSK	1	0	Band 4	5M	/	/	/	/	/	/	21.23	21.32	22.40
CA_7A-7A	Band 7	20M	2510	20850	QPSK	1	0	Band 7	5M	/	/	/	/	/	/	19.19	19.24	20.30
	Band 7	20M	2535	21100	QPSK	1	0	Band 7	5M	/	/	/	/	/	/	19.13	19.25	20.30
	Band 7	20M	2560	21350	QPSK	1	0	Band 7	5M	/	/	/	/	/	/	19.08	19.20	20.30
CA_41A-41A	Band 41	20M	2506	39750	QPSK	1	0	Band 41	5M	/	/	/	/	/	/	20.28	20.33	21.40
	Band 41	20M	2549.5	40185	QPSK	1	0	Band 41	5M	/	/	/	/	/	/	20.19	20.27	21.40
	Band 41	20M	2593	40620	QPSK	1	0	Band 41	5M	/	/	/	/	/	/	20.22	20.34	21.40

	Band 41	20M	2636.5	41055	QPSK	1	0	Band 41	5M	/	/	/	/	/	/	20.23	20.33	21.40
	Band 41	20M	2680	41490	QPSK	1	0	Band 41	5M	/	/	/	/	/	/	20.22	20.34	21.40
CA_2A-4A	Band 2	20M	1860	18700	QPSK	1	0	Band 4	20M	/	/	/	/	/	/	19.12	19.26	20.40
	Band 2	20M	1880	18900	QPSK	1	0	Band 4	20M	/	/	/	/	/	/	19.23	19.34	20.40
	Band 2	20M	1900	19100	QPSK	1	0	Band 4	20M	/	/	/	/	/	/	19.16	19.28	20.40
	Band 4	20M	1720	20050	QPSK	1	0	Band 2	20M	/	/	/	/	/	/	21.27	21.35	22.40
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 2	20M	/	/	/	/	/	/	21.21	21.33	22.40
	Band 4	20M	1745	20300	QPSK	1	0	Band 2	20M	/	/	/	/	/	/	21.19	21.26	22.40
CA_2A-5A	Band 2	20M	1860	18700	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	19.20	19.26	20.40
	Band 2	20M	1880	18900	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	19.25	19.33	20.40
	Band 2	20M	1900	19100	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	19.16	19.30	20.40
CA_2A-7A	Band 2	20M	1860	18700	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	19.16	19.25	20.40
	Band 2	20M	1880	18900	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	19.17	19.32	20.40
	Band 2	20M	1900	19100	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	19.15	19.28	20.40
	Band 7	20M	2510	20850	QPSK	1	0	Band 2	20M	/	/	/	/	/	/	19.11	19.17	20.30
	Band 7	20M	2535	21100	QPSK	1	0	Band 2	20M	/	/	/	/	/	/	19.11	19.23	20.30
	Band 7	20M	2560	21350	QPSK	1	0	Band 2	20M	/	/	/	/	/	/	19.03	19.18	20.30
CA_2A-26A	Band 2	20M	1860	18700	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	19.13	19.25	20.40
	Band 2	20M	1880	18900	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	19.22	19.27	20.40
	Band 2	20M	1900	19100	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	19.19	19.29	20.40
CA_2A-38A	Band 2	20M	1860	18700	QPSK	1	0	Band 38	20M	/	/	/	/	/	/	19.22	19.32	20.40
	Band 2	20M	1880	18900	QPSK	1	0	Band 38	20M	/	/	/	/	/	/	19.25	19.33	20.40
	Band 2	20M	1900	19100	QPSK	1	0	Band 38	20M	/	/	/	/	/	/	19.15	19.28	20.40
	Band 38	20M	2580	37850	QPSK	1	0	Band 2	20M	/	/	/	/	/	/	20.12	20.26	21.40
	Band 38	20M	2595	38000	QPSK	1	0	Band 2	20M	/	/	/	/	/	/	20.10	20.25	21.40
	Band 38	20M	2610	38150	QPSK	1	0	Band 2	20M	/	/	/	/	/	/	20.25	20.32	21.40
CA_2A-66A	Band 2	20M	1860	18700	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	19.17	19.27	20.40
	Band 2	20M	1880	18900	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	19.15	19.27	20.40
	Band 2	20M	1900	19100	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	19.28	19.33	20.40
	Band 66	20M	1720	132072	QPSK	1	0	Band 2	20M	/	/	/	/	/	/	21.15	21.28	22.40
	Band 66	20M	1745	132322	QPSK	1	0	Band 2	20M	/	/	/	/	/	/	21.17	21.32	22.40
	Band 66	20M	1770	132572	QPSK	1	0	Band 2	20M	/	/	/	/	/	/	21.20	21.28	22.40
CA_4A-5A	Band 4	20M	1720	20050	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	21.15	21.28	22.40
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	21.12	21.26	22.40
	Band 4	20M	1745	20300	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	21.24	21.33	22.40
CA_4A-7A	Band 4	20M	1720	20050	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	21.20	21.26	22.40

	Band 4	20M	1732.5	20175	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	21.30	21.35	22.40
	Band 4	20M	1745	20300	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	21.19	21.26	22.40
	Band 7	20M	2510	20850	QPSK	1	0	Band 4	20M	/	/	/	/	/	/	19.13	19.24	20.30
	Band 7	20M	2535	21100	QPSK	1	0	Band 4	20M	/	/	/	/	/	/	19.11	19.24	20.30
	Band 7	20M	2560	21350	QPSK	1	0	Band 4	20M	/	/	/	/	/	/	19.06	19.18	20.30
CA_5A-7A	Band 7	20M	2510	20850	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	19.13	19.25	20.30
	Band 7	20M	2535	21100	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	19.08	19.16	20.30
	Band 7	20M	2560	21350	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	19.08	19.22	20.30
CA_5A-38A	Band 38	20M	2580	37850	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	20.18	20.30	21.40
	Band 38	20M	2595	38000	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	20.21	20.31	21.40
	Band 38	20M	2610	38150	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	20.15	20.26	21.40
CA_5A-41A	Band 41	20M	2506	39750	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	20.20	20.25	21.40
	Band 41	20M	2549.5	40185	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	20.23	20.28	21.40
	Band 41	20M	2593	40620	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	20.17	20.31	21.40
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	20.23	20.29	21.40
	Band 41	20M	2680	41490	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	20.15	20.26	21.40
CA_5A-66A	Band 66	20M	1720	132072	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	21.21	21.31	22.40
	Band 66	20M	1745	132322	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	21.30	21.35	22.40
	Band 66	20M	1770	132572	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	21.19	21.26	22.40
CA_7A-26A	Band 7	20M	2510	20850	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	19.11	19.22	20.30
	Band 7	20M	2535	21100	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	19.08	19.17	20.30
	Band 7	20M	2560	21350	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	19.10	19.16	20.30
CA_7A-66A	Band 7	20M	2510	20850	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	19.10	19.22	20.30
	Band 7	20M	2535	21100	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	19.16	19.25	20.30
	Band 7	20M	2560	21350	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	19.06	19.19	20.30
	Band 66	20M	1720	132072	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	21.19	21.30	22.40
	Band 66	20M	1745	132322	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	21.25	21.35	22.40
	Band 66	20M	1770	132572	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	21.18	21.33	22.40
CA_26A-38A	Band 38	20M	2580	37850	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	20.12	20.26	21.40
	Band 38	20M	2595	38000	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	20.27	20.32	21.40
	Band 38	20M	2610	38150	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	20.23	20.32	21.40
CA_26A-41A	Band 41	20M	2506	39750	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	20.26	20.32	21.40
	Band 41	20M	2549.5	40185	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	20.10	20.25	21.40
	Band 41	20M	2593	40620	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	20.19	20.32	21.40
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	20.21	20.33	21.40
	Band 41	20M	2680	41490	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	20.29	20.35	21.40

CA_38A-66A	Band 38	20M	2580	37850	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	20.25	20.32	21.40
	Band 38	20M	2595	38000	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	20.16	20.26	21.40
	Band 38	20M	2610	38150	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	20.22	20.27	21.40
	Band 66	20M	1720	132072	QPSK	1	0	Band 38	20M	/	/	/	/	/	/	21.19	21.28	22.40
	Band 66	20M	1745	132322	QPSK	1	0	Band 38	20M	/	/	/	/	/	/	21.16	21.27	22.40
	Band 66	20M	1770	132572	QPSK	1	0	Band 38	20M	/	/	/	/	/	/	21.22	21.33	22.40
CA_66A-66A	Band 66	20M	1720	132072	QPSK	1	0	Band 66	5M	/	/	/	/	/	/	21.29	21.34	22.40
	Band 66	20M	1745	132322	QPSK	1	0	Band 66	5M	/	/	/	/	/	/	21.17	21.26	22.40
	Band 66	20M	1770	132572	QPSK	1	0	Band 66	5M	/	/	/	/	/	/	21.16	21.28	22.40

DL LTE CA Class DSI7/8	PCC							SCC1		SCC2		SCC3		SCC3		Power		Tune up (dBm)
	LTE Band	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	LTE Band	BW (MHz)	LTE Band	BW (MHz)	LTE Band	BW (MHz)	LTE Band	BW (MHz)	With CA Tx.Power (dBm)	W/O CA Tx.Power (dBm)	
CA_7C	Band 7	20M	2510	20850	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	18.14	18.20	19.30
	Band 7	20M	2535	21100	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	18.15	18.23	19.30
	Band 7	20M	2560	21350	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	18.15	18.22	19.30
CA_7B	Band 7	15M	2507.5	20825	QPSK	1	0	Band 7	5M	/	/	/	/	/	/	18.16	18.25	19.30
	Band 7	15M	2535	21100	QPSK	1	0	Band 7	5M	/	/	/	/	/	/	18.02	18.15	19.30
	Band 7	15M	2562.5	21375	QPSK	1	0	Band 7	5M	/	/	/	/	/	/	18.10	18.23	19.30
CA_2A-2A	Band 2	20M	1860	18700	QPSK	1	0	Band 2	5M	/	/	/	/	/	/	18.16	18.26	19.40
	Band 2	20M	1880	18900	QPSK	1	0	Band 2	5M	/	/	/	/	/	/	18.16	18.29	19.40
	Band 2	20M	1900	19100	QPSK	1	0	Band 2	5M	/	/	/	/	/	/	18.19	18.30	19.40
CA_7A-7A	Band 7	20M	2510	20850	QPSK	1	0	Band 7	5M	/	/	/	/	/	/	18.11	18.22	19.30
	Band 7	20M	2535	21100	QPSK	1	0	Band 7	5M	/	/	/	/	/	/	18.10	18.16	19.30
	Band 7	20M	2560	21350	QPSK	1	0	Band 7	5M	/	/	/	/	/	/	18.13	18.23	19.30
CA_2A-4A	Band 2	20M	1860	18700	QPSK	1	0	Band 4	20M	/	/	/	/	/	/	18.20	18.35	19.40
	Band 2	20M	1880	18900	QPSK	1	0	Band 4	20M	/	/	/	/	/	/	18.20	18.28	19.40
	Band 2	20M	1900	19100	QPSK	1	0	Band 4	20M	/	/	/	/	/	/	18.11	18.25	19.40
CA_2A-5A	Band 2	20M	1860	18700	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	18.20	18.30	19.40
	Band 2	20M	1880	18900	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	18.19	18.27	19.40
	Band 2	20M	1900	19100	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	18.21	18.28	19.40
CA_2A-7A	Band 2	20M	1860	18700	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	18.27	18.34	19.40
	Band 2	20M	1880	18900	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	18.11	18.26	19.40
	Band 2	20M	1900	19100	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	18.20	18.34	19.40
	Band 7	20M	2510	20850	QPSK	1	0	Band 2	20M	/	/	/	/	/	/	18.04	18.18	19.30
	Band 7	20M	2535	21100	QPSK	1	0	Band 2	20M	/	/	/	/	/	/	18.15	18.22	19.30
	Band 7	20M	2560	21350	QPSK	1	0	Band 2	20M	/	/	/	/	/	/	18.09	18.19	19.30
CA_2A-26A	Band 2	20M	1860	18700	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	18.22	18.35	19.40
	Band 2	20M	1880	18900	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	18.27	18.33	19.40
	Band 2	20M	1900	19100	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	18.11	18.25	19.40
CA_2A-38A	Band 2	20M	1860	18700	QPSK	1	0	Band 38	20M	/	/	/	/	/	/	18.17	18.27	19.40
	Band 2	20M	1880	18900	QPSK	1	0	Band 38	20M	/	/	/	/	/	/	18.26	18.32	19.40
	Band 2	20M	1900	19100	QPSK	1	0	Band 38	20M	/	/	/	/	/	/	18.24	18.35	19.40
CA_2A-66A	Band 2	20M	1860	18700	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	18.15	18.28	19.40
	Band 2	20M	1880	18900	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	18.25	18.34	19.40
	Band 2	20M	1900	19100	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	18.20	18.29	19.40
CA_4A-7A	Band 7	20M	2510	20850	QPSK	1	0	Band 4	20M	/	/	/	/	/	/	18.05	18.16	19.30

	Band 7	20M	2535	21100	QPSK	1	0	Band 4	20M	/	/	/	/	/	/	18.13	18.18	19.30
	Band 7	20M	2560	21350	QPSK	1	0	Band 4	20M	/	/	/	/	/	/	18.04	18.15	19.30
CA_5A-7A	Band 7	20M	2510	20850	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	18.15	18.20	19.30
	Band 7	20M	2535	21100	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	18.10	18.16	19.30
	Band 7	20M	2560	21350	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	18.11	18.22	19.30
CA_7A-26A	Band 7	20M	2510	20850	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	18.09	18.18	19.30
	Band 7	20M	2535	21100	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	18.14	18.19	19.30
	Band 7	20M	2560	21350	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	18.17	18.25	19.30
CA_7A-66A	Band 7	20M	2510	20850	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	18.07	18.20	19.30
	Band 7	20M	2535	21100	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	18.08	18.20	19.30
	Band 7	20M	2560	21350	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	18.17	18.23	19.30

DL LTE CA Class DSI6	PCC							SCC1		SCC2		SCC3		SCC3		Power		Tune up (dBm)
	LTE Band	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	LTE Band	BW (MHz)	LTE Band	BW (MHz)	LTE Band	BW (MHz)	LTE Band	BW (MHz)	With CA Tx.Power (dBm)	W/O CA Tx.Power (dBm)	
CA_7C	Band 7	20M	2510	20850	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	21.09	21.16	22.30
	Band 7	20M	2535	21100	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	21.01	21.15	22.30
	Band 7	20M	2560	21350	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	21.07	21.17	22.30
CA_7B	Band 7	15M	2507.5	20825	QPSK	1	0	Band 7	5M	/	/	/	/	/	/	21.12	21.19	22.30
	Band 7	15M	2535	21100	QPSK	1	0	Band 7	5M	/	/	/	/	/	/	21.12	21.24	22.30
	Band 7	15M	2562.5	21375	QPSK	1	0	Band 7	5M	/	/	/	/	/	/	21.11	21.22	22.30
CA_2A-2A	Band 2	20M	1860	18700	QPSK	1	0	Band 2	5M	/	/	/	/	/	/	21.74	21.82	22.90
	Band 2	20M	1880	18900	QPSK	1	0	Band 2	5M	/	/	/	/	/	/	21.64	21.78	22.90
	Band 2	20M	1900	19100	QPSK	1	0	Band 2	5M	/	/	/	/	/	/	21.72	21.78	22.90
CA_7A-7A	Band 7	20M	2510	20850	QPSK	1	0	Band 7	5M	/	/	/	/	/	/	21.14	21.20	22.30
	Band 7	20M	2535	21100	QPSK	1	0	Band 7	5M	/	/	/	/	/	/	21.10	21.16	22.30
	Band 7	20M	2560	21350	QPSK	1	0	Band 7	5M	/	/	/	/	/	/	21.18	21.24	22.30
CA_2A-4A	Band 2	20M	1860	18700	QPSK	1	0	Band 4	20M	/	/	/	/	/	/	21.70	21.81	22.90
	Band 2	20M	1880	18900	QPSK	1	0	Band 4	20M	/	/	/	/	/	/	21.64	21.79	22.90
	Band 2	20M	1900	19100	QPSK	1	0	Band 4	20M	/	/	/	/	/	/	21.67	21.79	22.90
CA_2A-5A	Band 2	20M	1860	18700	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	21.66	21.81	22.90
	Band 2	20M	1880	18900	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	21.66	21.78	22.90
	Band 2	20M	1900	19100	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	21.67	21.76	22.90
CA_2A-7A	Band 2	20M	1860	18700	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	21.66	21.81	22.90
	Band 2	20M	1880	18900	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	21.75	21.80	22.90
	Band 2	20M	1900	19100	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	21.68	21.75	22.90
	Band 7	20M	2510	20850	QPSK	1	0	Band 2	20M	/	/	/	/	/	/	21.09	21.21	22.30
	Band 7	20M	2535	21100	QPSK	1	0	Band 2	20M	/	/	/	/	/	/	21.06	21.18	22.30
	Band 7	20M	2560	21350	QPSK	1	0	Band 2	20M	/	/	/	/	/	/	21.11	21.25	22.30
CA_2A-26A	Band 2	20M	1860	18700	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	21.73	21.82	22.90
	Band 2	20M	1880	18900	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	21.66	21.80	22.90
	Band 2	20M	1900	19100	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	21.80	21.85	22.90
CA_2A-38A	Band 2	20M	1860	18700	QPSK	1	0	Band 38	20M	/	/	/	/	/	/	21.73	21.82	22.90
	Band 2	20M	1880	18900	QPSK	1	0	Band 38	20M	/	/	/	/	/	/	21.72	21.82	22.90
	Band 2	20M	1900	19100	QPSK	1	0	Band 38	20M	/	/	/	/	/	/	21.66	21.78	22.90
CA_2A-66A	Band 2	20M	1860	18700	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	21.74	21.83	22.90
	Band 2	20M	1880	18900	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	21.73	21.85	22.90
	Band 2	20M	1900	19100	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	21.74	21.82	22.90
CA_4A-7A	Band 7	20M	2510	20850	QPSK	1	0	Band 4	20M	/	/	/	/	/	/	21.15	21.20	22.30

	Band 7	20M	2535	21100	QPSK	1	0	Band 4	20M	/	/	/	/	/	/	21.10	21.16	22.30
	Band 7	20M	2560	21350	QPSK	1	0	Band 4	20M	/	/	/	/	/	/	21.11	21.21	22.30
CA_5A-7A	Band 7	20M	2510	20850	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	21.11	21.16	22.30
	Band 7	20M	2535	21100	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	21.06	21.16	22.30
	Band 7	20M	2560	21350	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	21.03	21.16	22.30
CA_7A-26A	Band 7	20M	2510	20850	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	21.11	21.16	22.30
	Band 7	20M	2535	21100	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	21.10	21.24	22.30
	Band 7	20M	2560	21350	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	21.04	21.15	22.30
CA_7A-66A	Band 7	20M	2510	20850	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	21.13	21.24	22.30
	Band 7	20M	2535	21100	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	21.14	21.22	22.30
	Band 7	20M	2560	21350	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	21.09	21.22	22.30

DL LTE CA Class DSI 7	PCC							SCC1		SCC2		SCC3		SCC3		Power		Tune up (dBm)
	LTE Band	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	LTE Band	BW (MHz)	LTE Band	BW (MHz)	LTE Band	BW (MHz)	LTE Band	BW (MHz)	With CA Tx.Power (dBm)	W/O CA Tx.Power (dBm)	
CA_38C	Band 38	20M	2580	37850	QPSK	1	0	Band 38	20M	/	/	/	/	/	/	18.73	18.79	19.90
	Band 38	20M	2585.1	37901	QPSK	1	0	Band 38	20M	/	/	/	/	/	/	18.60	18.75	19.90
	Band 38	20M	2610	38150	QPSK	1	0	Band 38	20M	/	/	/	/	/	/	18.65	18.76	19.90
CA_41C	Band 41	20M	2506	39750	QPSK	1	0	Band 41	20M	/	/	/	/	/	/	18.73	18.80	19.90
	Band 41	20M	2549.5	40185	QPSK	1	0	Band 41	20M	/	/	/	/	/	/	18.62	18.77	19.90
	Band 41	20M	2593	40620	QPSK	1	0	Band 41	20M	/	/	/	/	/	/	18.66	18.78	19.90
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 41	20M	/	/	/	/	/	/	18.68	18.80	19.90
	Band 41	20M	2680	41490	QPSK	1	0	Band 41	20M	/	/	/	/	/	/	18.73	18.80	19.90
CA_66C	Band 66	20M	1720	132072	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	20.19	20.31	21.40
	Band 66	20M	1745	132322	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	20.16	20.27	21.40
	Band 66	20M	1770	132572	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	20.26	20.32	21.40
CA_66B	Band 66	15M	1717.5	132047	QPSK	1	0	Band 66	5M	/	/	/	/	/	/	20.22	20.28	21.40
	Band 66	15M	1745	132322	QPSK	1	0	Band 66	5M	/	/	/	/	/	/	20.16	20.29	21.40
	Band 66	15M	1772.5	132597	QPSK	1	0	Band 66	5M	/	/	/	/	/	/	20.15	20.27	21.40
CA_4A-4A	Band 4	20M	1720	20050	QPSK	1	0	Band 4	5M	/	/	/	/	/	/	20.14	20.27	21.40
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 4	5M	/	/	/	/	/	/	20.26	20.31	21.40
	Band 4	20M	1745	20300	QPSK	1	0	Band 4	5M	/	/	/	/	/	/	20.13	20.28	21.40
CA_41A-41A	Band 41	20M	2506	39750	QPSK	1	0	Band 41	5M	/	/	/	/	/	/	18.65	18.79	19.90
	Band 41	20M	2549.5	40185	QPSK	1	0	Band 41	5M	/	/	/	/	/	/	18.71	18.84	19.90
	Band 41	20M	2593	40620	QPSK	1	0	Band 41	5M	/	/	/	/	/	/	18.74	18.79	19.90
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 41	5M	/	/	/	/	/	/	18.65	18.75	19.90
	Band 41	20M	2680	41490	QPSK	1	0	Band 41	5M	/	/	/	/	/	/	18.75	18.80	19.90
CA_2A-4A	Band 4	20M	1720	20050	QPSK	1	0	Band 2	20M	/	/	/	/	/	/	20.22	20.35	21.40
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 2	20M	/	/	/	/	/	/	20.18	20.27	21.40
	Band 4	20M	1745	20300	QPSK	1	0	Band 2	20M	/	/	/	/	/	/	20.22	20.31	21.40
CA_2A-38A	Band 38	20M	2580	37850	QPSK	1	0	Band 2	20M	/	/	/	/	/	/	18.67	18.77	19.90
	Band 38	20M	2595	38000	QPSK	1	0	Band 2	20M	/	/	/	/	/	/	18.63	18.78	19.90
	Band 38	20M	2610	38150	QPSK	1	0	Band 2	20M	/	/	/	/	/	/	18.70	18.85	19.90
CA_2A-66A	Band 66	20M	1720	132072	QPSK	1	0	Band 2	20M	/	/	/	/	/	/	20.21	20.29	21.40
	Band 66	20M	1745	132322	QPSK	1	0	Band 2	20M	/	/	/	/	/	/	20.21	20.32	21.40
	Band 66	20M	1770	132572	QPSK	1	0	Band 2	20M	/	/	/	/	/	/	20.25	20.35	21.40
CA_4A-5A	Band 4	20M	1720	20050	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	20.20	20.31	21.40
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	20.15	20.25	21.40
	Band 4	20M	1745	20300	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	20.26	20.33	21.40

CA_4A-7A	Band 4	20M	1720	20050	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	20.12	20.26	21.40
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	20.16	20.30	21.40
	Band 4	20M	1745	20300	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	20.21	20.26	21.40
CA_5A-38A	Band 38	20M	2580	37850	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	18.76	18.82	19.90
	Band 38	20M	2595	38000	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	18.71	18.79	19.90
	Band 38	20M	2610	38150	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	18.70	18.77	19.90
CA_5A-41A	Band 41	20M	2506	39750	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	18.73	18.85	19.90
	Band 41	20M	2549.5	40185	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	18.66	18.79	19.90
	Band 41	20M	2593	40620	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	18.74	18.80	19.90
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	18.67	18.81	19.90
	Band 41	20M	2680	41490	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	18.61	18.76	19.90
CA_5A-66A	Band 66	20M	1720	132072	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	20.12	20.27	21.40
	Band 66	20M	1745	132322	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	20.22	20.34	21.40
	Band 66	20M	1770	132572	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	20.24	20.31	21.40
CA_7A-66A	Band 66	20M	1720	132072	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	20.22	20.34	21.40
	Band 66	20M	1745	132322	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	20.25	20.32	21.40
	Band 66	20M	1770	132572	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	20.22	20.33	21.40
CA_26A-38A	Band 38	20M	2580	37850	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	18.67	18.76	19.90
	Band 38	20M	2595	38000	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	18.66	18.79	19.90
	Band 38	20M	2610	38150	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	18.60	18.75	19.90
CA_26A-41A	Band 41	20M	2506	39750	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	18.72	18.83	19.90
	Band 41	20M	2549.5	40185	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	18.66	18.78	19.90
	Band 41	20M	2593	40620	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	18.70	18.83	19.90
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	18.67	18.79	19.90
	Band 41	20M	2680	41490	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	18.80	18.85	19.90
CA_38A-66A	Band 38	20M	2580	37850	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	18.63	18.76	19.90
	Band 38	20M	2595	38000	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	18.70	18.75	19.90
	Band 38	20M	2610	38150	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	18.70	18.83	19.90
	Band 66	20M	1720	132072	QPSK	1	0	Band 38	20M	/	/	/	/	/	/	20.13	20.26	21.40
	Band 66	20M	1745	132322	QPSK	1	0	Band 38	20M	/	/	/	/	/	/	20.19	20.28	21.40
	Band 66	20M	1770	132572	QPSK	1	0	Band 38	20M	/	/	/	/	/	/	20.26	20.32	21.40
CA_66A-66A	Band 66	20M	1720	132072	QPSK	1	0	Band 66	5M	/	/	/	/	/	/	20.22	20.30	21.40
	Band 66	20M	1745	132322	QPSK	1	0	Band 66	5M	/	/	/	/	/	/	20.14	20.27	21.40
	Band 66	20M	1770	132572	QPSK	1	0	Band 66	5M	/	/	/	/	/	/	20.20	20.31	21.40

DL LTE CA Class DSI 6	PCC							SCC1		SCC2		SCC3		SCC3		Power		Tune up (dBm)
	LTE Band	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	LTE Band	BW (MHz)	LTE Band	BW (MHz)	LTE Band	BW (MHz)	LTE Band	BW (MHz)	With CA Tx.Power (dBm)	W/O CA Tx.Power (dBm)	
CA_38C	Band 38	20M	2580	37850	QPSK	1	0	Band 38	20M	/	/	/	/	/	/	22.21	22.32	23.40
	Band 38	20M	2585.1	37901	QPSK	1	0	Band 38	20M	/	/	/	/	/	/	22.12	22.25	23.40
	Band 38	20M	2610	38150	QPSK	1	0	Band 38	20M	/	/	/	/	/	/	22.26	22.31	23.40
CA_41C	Band 41	20M	2506	39750	QPSK	1	0	Band 41	20M	/	/	/	/	/	/	22.23	22.34	23.40
	Band 41	20M	2549.5	40185	QPSK	1	0	Band 41	20M	/	/	/	/	/	/	22.17	22.28	23.40
	Band 41	20M	2593	40620	QPSK	1	0	Band 41	20M	/	/	/	/	/	/	22.28	22.33	23.40
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 41	20M	/	/	/	/	/	/	22.18	22.26	23.40
	Band 41	20M	2680	41490	QPSK	1	0	Band 41	20M	/	/	/	/	/	/	22.17	22.31	23.40
CA_66C	Band 66	20M	1720	132072	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	23.25	23.33	24.40
	Band 66	20M	1745	132322	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	23.24	23.33	24.40
	Band 66	20M	1770	132572	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	23.21	23.34	24.40
CA_66B	Band 66	15M	1717.5	132047	QPSK	1	0	Band 66	5M	/	/	/	/	/	/	23.23	23.28	24.40
	Band 66	15M	1745	132322	QPSK	1	0	Band 66	5M	/	/	/	/	/	/	23.23	23.32	24.40
	Band 66	15M	1772.5	132597	QPSK	1	0	Band 66	5M	/	/	/	/	/	/	23.22	23.31	24.40
CA_4A-4A	Band 4	20M	1720	20050	QPSK	1	0	Band 4	5M	/	/	/	/	/	/	23.29	23.34	24.40
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 4	5M	/	/	/	/	/	/	23.22	23.28	24.40
	Band 4	20M	1745	20300	QPSK	1	0	Band 4	5M	/	/	/	/	/	/	23.26	23.33	24.40
CA_41A-41A	Band 41	20M	2506	39750	QPSK	1	0	Band 41	5M	/	/	/	/	/	/	22.28	22.34	23.40
	Band 41	20M	2549.5	40185	QPSK	1	0	Band 41	5M	/	/	/	/	/	/	22.21	22.35	23.40
	Band 41	20M	2593	40620	QPSK	1	0	Band 41	5M	/	/	/	/	/	/	22.21	22.31	23.40
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 41	5M	/	/	/	/	/	/	22.20	22.31	23.40
	Band 41	20M	2680	41490	QPSK	1	0	Band 41	5M	/	/	/	/	/	/	22.23	22.33	23.40
CA_2A-4A	Band 4	20M	1720	20050	QPSK	1	0	Band 2	20M	/	/	/	/	/	/	23.30	23.35	24.40
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 2	20M	/	/	/	/	/	/	23.11	23.25	24.40
	Band 4	20M	1745	20300	QPSK	1	0	Band 2	20M	/	/	/	/	/	/	23.15	23.30	24.40
CA_2A-38A	Band 38	20M	2580	37850	QPSK	1	0	Band 2	20M	/	/	/	/	/	/	22.21	22.26	23.40
	Band 38	20M	2595	38000	QPSK	1	0	Band 2	20M	/	/	/	/	/	/	22.21	22.30	23.40
	Band 38	20M	2610	38150	QPSK	1	0	Band 2	20M	/	/	/	/	/	/	22.11	22.26	23.40
CA_2A-66A	Band 66	20M	1720	132072	QPSK	1	0	Band 2	20M	/	/	/	/	/	/	23.22	23.29	24.40
	Band 66	20M	1745	132322	QPSK	1	0	Band 2	20M	/	/	/	/	/	/	23.17	23.27	24.40
	Band 66	20M	1770	132572	QPSK	1	0	Band 2	20M	/	/	/	/	/	/	23.26	23.35	24.40
CA_4A-5A	Band 4	20M	1720	20050	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	23.11	23.26	24.40
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	23.22	23.31	24.40
	Band 4	20M	1745	20300	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	23.22	23.31	24.40

CA_4A-7A	Band 4	20M	1720	20050	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	23.21	23.32	24.40
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	23.29	23.35	24.40
	Band 4	20M	1745	20300	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	23.17	23.28	24.40
CA_5A-38A	Band 38	20M	2580	37850	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	22.15	22.28	23.40
	Band 38	20M	2595	38000	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	22.24	22.29	23.40
	Band 38	20M	2610	38150	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	22.17	22.26	23.40
CA_5A-41A	Band 41	20M	2506	39750	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	22.27	22.32	23.40
	Band 41	20M	2549.5	40185	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	22.14	22.27	23.40
	Band 41	20M	2593	40620	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	22.24	22.33	23.40
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	22.17	22.29	23.40
	Band 41	20M	2680	41490	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	22.24	22.35	23.40
CA_5A-66A	Band 66	20M	1720	132072	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	23.19	23.28	24.40
	Band 66	20M	1745	132322	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	23.21	23.30	24.40
	Band 66	20M	1770	132572	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	23.20	23.30	24.40
CA_7A-66A	Band 66	20M	1720	132072	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	23.16	23.31	24.40
	Band 66	20M	1745	132322	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	23.25	23.30	24.40
	Band 66	20M	1770	132572	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	23.27	23.34	24.40
CA_26A-38A	Band 38	20M	2580	37850	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	22.14	22.27	23.40
	Band 38	20M	2595	38000	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	22.13	22.28	23.40
	Band 38	20M	2610	38150	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	22.22	22.27	23.40
CA_26A-41A	Band 41	20M	2506	39750	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	22.15	22.28	23.40
	Band 41	20M	2549.5	40185	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	22.20	22.25	23.40
	Band 41	20M	2593	40620	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	22.21	22.33	23.40
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	22.17	22.32	23.40
	Band 41	20M	2680	41490	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	22.25	22.34	23.40
CA_38A-66A	Band 38	20M	2580	37850	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	22.27	22.33	23.40
	Band 38	20M	2595	38000	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	22.21	22.29	23.40
	Band 38	20M	2610	38150	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	22.21	22.33	23.40
	Band 66	20M	1720	132072	QPSK	1	0	Band 38	20M	/	/	/	/	/	/	23.22	23.27	24.40
	Band 66	20M	1745	132322	QPSK	1	0	Band 38	20M	/	/	/	/	/	/	23.19	23.27	24.40
	Band 66	20M	1770	132572	QPSK	1	0	Band 38	20M	/	/	/	/	/	/	23.16	23.28	24.40
CA_66A-66A	Band 66	20M	1720	132072	QPSK	1	0	Band 66	5M	/	/	/	/	/	/	23.24	23.31	24.40
	Band 66	20M	1745	132322	QPSK	1	0	Band 66	5M	/	/	/	/	/	/	23.21	23.31	24.40
	Band 66	20M	1770	132572	QPSK	1	0	Band 66	5M	/	/	/	/	/	/	23.18	23.28	24.40

DL LTE CA Class DSI 8	PCC							SCC1		SCC2		SCC3		SCC3		Power		Tune up (dBm)
	LTE Band	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	LTE Band	BW (MHz)	LTE Band	BW (MHz)	LTE Band	BW (MHz)	LTE Band	BW (MHz)	With CA Tx.Power (dBm)	W/O CA Tx.Power (dBm)	
CA_38C	Band 38	20M	2580	37850	QPSK	1	0	Band 38	20M	/	/	/	/	/	/	19.70	19.77	20.90
	Band 38	20M	2585.1	37901	QPSK	1	0	Band 38	20M	/	/	/	/	/	/	19.65	19.79	20.90
	Band 38	20M	2610	38150	QPSK	1	0	Band 38	20M	/	/	/	/	/	/	19.76	19.84	20.90
CA_41C	Band 41	20M	2506	39750	QPSK	1	0	Band 41	20M	/	/	/	/	/	/	19.66	19.77	20.90
	Band 41	20M	2549.5	40185	QPSK	1	0	Band 41	20M	/	/	/	/	/	/	19.72	19.81	20.90
	Band 41	20M	2593	40620	QPSK	1	0	Band 41	20M	/	/	/	/	/	/	19.73	19.84	20.90
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 41	20M	/	/	/	/	/	/	19.73	19.84	20.90
	Band 41	20M	2680	41490	QPSK	1	0	Band 41	20M	/	/	/	/	/	/	19.74	19.81	20.90
CA_66C	Band 66	20M	1720	132072	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	20.70	20.79	21.90
	Band 66	20M	1745	132322	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	20.70	20.84	21.90
	Band 66	20M	1770	132572	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	20.74	20.85	21.90
CA_66B	Band 66	15M	1717.5	132047	QPSK	1	0	Band 66	5M	/	/	/	/	/	/	20.70	20.82	21.90
	Band 66	15M	1745	132322	QPSK	1	0	Band 66	5M	/	/	/	/	/	/	20.67	20.79	21.90
	Band 66	15M	1772.5	132597	QPSK	1	0	Band 66	5M	/	/	/	/	/	/	20.79	20.84	21.90
CA_4A-4A	Band 4	20M	1720	20050	QPSK	1	0	Band 4	5M	/	/	/	/	/	/	20.75	20.81	21.90
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 4	5M	/	/	/	/	/	/	20.69	20.79	21.90
	Band 4	20M	1745	20300	QPSK	1	0	Band 4	5M	/	/	/	/	/	/	20.67	20.76	21.90
CA_41A-41A	Band 41	20M	2506	39750	QPSK	1	0	Band 41	5M	/	/	/	/	/	/	19.68	19.83	20.90
	Band 41	20M	2549.5	40185	QPSK	1	0	Band 41	5M	/	/	/	/	/	/	19.68	19.83	20.90
	Band 41	20M	2593	40620	QPSK	1	0	Band 41	5M	/	/	/	/	/	/	19.68	19.76	20.90
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 41	5M	/	/	/	/	/	/	19.60	19.75	20.90
	Band 41	20M	2680	41490	QPSK	1	0	Band 41	5M	/	/	/	/	/	/	19.72	19.82	20.90
CA_2A-4A	Band 4	20M	1720	20050	QPSK	1	0	Band 2	20M	/	/	/	/	/	/	20.73	20.82	21.90
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 2	20M	/	/	/	/	/	/	20.72	20.84	21.90
	Band 4	20M	1745	20300	QPSK	1	0	Band 2	20M	/	/	/	/	/	/	20.71	20.85	21.90
CA_2A-38A	Band 38	20M	2580	37850	QPSK	1	0	Band 2	20M	/	/	/	/	/	/	19.64	19.75	20.90
	Band 38	20M	2595	38000	QPSK	1	0	Band 2	20M	/	/	/	/	/	/	19.66	19.76	20.90
	Band 38	20M	2610	38150	QPSK	1	0	Band 2	20M	/	/	/	/	/	/	19.66	19.77	20.90
CA_2A-66A	Band 66	20M	1720	132072	QPSK	1	0	Band 2	20M	/	/	/	/	/	/	20.70	20.76	21.90
	Band 66	20M	1745	132322	QPSK	1	0	Band 2	20M	/	/	/	/	/	/	20.70	20.77	21.90
	Band 66	20M	1770	132572	QPSK	1	0	Band 2	20M	/	/	/	/	/	/	20.73	20.78	21.90
CA_4A-5A	Band 4	20M	1720	20050	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	20.71	20.83	21.90
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	20.69	20.82	21.90
	Band 4	20M	1745	20300	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	20.60	20.75	21.90

CA_4A-7A	Band 4	20M	1720	20050	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	20.60	20.75	21.90
	Band 4	20M	1732.5	20175	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	20.70	20.76	21.90
	Band 4	20M	1745	20300	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	20.67	20.82	21.90
CA_5A-38A	Band 38	20M	2580	37850	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	19.65	19.76	20.90
	Band 38	20M	2595	38000	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	19.74	19.84	20.90
	Band 38	20M	2610	38150	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	19.70	19.75	20.90
CA_5A-41A	Band 41	20M	2506	39750	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	19.64	19.79	20.90
	Band 41	20M	2549.5	40185	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	19.69	19.76	20.90
	Band 41	20M	2593	40620	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	19.74	19.81	20.90
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	19.72	19.77	20.90
	Band 41	20M	2680	41490	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	19.66	19.77	20.90
CA_5A-66A	Band 66	20M	1720	132072	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	20.70	20.82	21.90
	Band 66	20M	1745	132322	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	20.66	20.76	21.90
	Band 66	20M	1770	132572	QPSK	1	0	Band 5	10M	/	/	/	/	/	/	20.67	20.81	21.90
CA_7A-66A	Band 66	20M	1720	132072	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	20.69	20.80	21.90
	Band 66	20M	1745	132322	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	20.77	20.84	21.90
	Band 66	20M	1770	132572	QPSK	1	0	Band 7	20M	/	/	/	/	/	/	20.74	20.82	21.90
CA_26A-38A	Band 38	20M	2580	37850	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	19.75	19.80	20.90
	Band 38	20M	2595	38000	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	19.61	19.75	20.90
	Band 38	20M	2610	38150	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	19.72	19.81	20.90
CA_26A-41A	Band 41	20M	2506	39750	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	19.78	19.83	20.90
	Band 41	20M	2549.5	40185	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	19.66	19.75	20.90
	Band 41	20M	2593	40620	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	19.70	19.80	20.90
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	19.64	19.76	20.90
	Band 41	20M	2680	41490	QPSK	1	0	Band 26	15M	/	/	/	/	/	/	19.64	19.78	20.90
CA_38A-66A	Band 38	20M	2580	37850	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	19.74	19.83	20.90
	Band 38	20M	2595	38000	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	19.66	19.78	20.90
	Band 38	20M	2610	38150	QPSK	1	0	Band 66	20M	/	/	/	/	/	/	19.78	19.84	20.90
	Band 66	20M	1720	132072	QPSK	1	0	Band 38	20M	/	/	/	/	/	/	20.70	20.80	21.90
	Band 66	20M	1745	132322	QPSK	1	0	Band 38	20M	/	/	/	/	/	/	20.69	20.77	21.90
	Band 66	20M	1770	132572	QPSK	1	0	Band 38	20M	/	/	/	/	/	/	20.78	20.84	21.90
CA_66A-66A	Band 66	20M	1720	132072	QPSK	1	0	Band 66	5M	/	/	/	/	/	/	20.69	20.83	21.90
	Band 66	20M	1745	132322	QPSK	1	0	Band 66	5M	/	/	/	/	/	/	20.69	20.83	21.90
	Band 66	20M	1770	132572	QPSK	1	0	Band 66	5M	/	/	/	/	/	/	20.67	20.78	21.90

6 Conducted Power of Inter Band LTE Uplink CA

6.1 Conducted Power of LTE Uplink CA (Ant11)

LTE Band 7 DSI 5/6				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	18.59	18.67	18.46	20.00
		1	13	18.43	18.52	18.44	20.00
		1	24	18.57	18.52	18.48	20.00
		12	0	18.37	18.70	18.41	20.00
		12	6	18.58	18.35	18.42	20.00
		12	13	18.59	18.58	18.50	20.00
		25	0	18.56	18.56	18.43	20.00
	16QAM	1	0	18.78	18.75	18.64	20.00
		1	13	18.71	18.60	18.74	20.00
		1	24	18.45	18.66	18.55	20.00
		12	0	18.59	18.56	18.41	20.00
		12	6	18.46	18.47	18.59	20.00
		12	13	18.40	18.37	18.57	20.00
		25	0	18.60	18.57	18.57	20.00
	64QAM	1	0	18.62	18.54	18.65	20.00
		1	13	18.36	18.51	18.46	20.00
		1	24	18.61	18.45	18.48	20.00
		12	0	18.72	18.56	18.56	20.00
		12	6	18.58	18.46	18.58	20.00
		12	13	18.40	18.65	18.46	20.00
		25	0	18.48	18.32	18.42	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	18.34	18.65	18.45	20.00
		1	25	18.52	18.53	18.54	20.00
		1	49	18.46	18.48	18.49	20.00
		25	0	18.53	18.54	18.64	20.00
		25	13	18.73	18.45	18.62	20.00
		25	25	18.41	18.43	18.64	20.00
		50	0	18.38	18.43	18.35	20.00
	16QAM	1	0	18.86	18.61	18.64	20.00
		1	25	18.53	18.71	18.63	20.00
		1	49	18.41	18.58	18.65	20.00
		25	0	18.60	18.44	18.42	20.00
		25	13	18.54	18.68	18.56	20.00
		25	25	18.51	18.53	18.58	20.00
		50	0	18.44	18.40	18.55	20.00
	64QAM	1	0	18.47	18.75	18.50	20.00
		1	25	18.59	18.51	18.53	20.00
		1	49	18.63	18.60	18.66	20.00
		25	0	18.50	18.56	18.54	20.00
		25	13	18.65	18.41	18.56	20.00
		25	25	18.54	18.53	18.45	20.00

Bandwidth	Modulation	50	0	18.52	18.46	18.35	20.00			
		RB size	RB offset	Channel 20825	Channel 21100	Channel 21375	Tune up			
15MHz	QPSK	1	0	18.52	18.64	18.40	20.00			
		1	38	18.52	18.50	18.60	20.00			
		1	74	18.58	18.40	18.60	20.00			
		36	0	18.42	18.61	18.46	20.00			
		36	18	18.65	18.59	18.44	20.00			
		36	39	18.64	18.62	18.57	20.00			
	16QAM	75	0	18.34	18.43	18.56	20.00			
		1	0	18.80	18.68	18.64	20.00			
		1	38	18.67	18.56	18.74	20.00			
		1	74	18.40	18.52	18.75	20.00			
		36	0	18.69	18.48	18.61	20.00			
		36	18	18.40	18.67	18.52	20.00			
	64QAM	36	39	18.64	18.36	18.62	20.00			
		75	0	18.45	18.46	18.63	20.00			
		1	0	18.45	18.70	18.43	20.00			
		1	38	18.39	18.63	18.48	20.00			
		1	74	18.61	18.39	18.63	20.00			
		36	0	18.56	18.49	18.63	20.00			
	20MHz	QPSK	36	18	18.61	18.42	18.40	20.00		
			36	39	18.42	18.65	18.52	20.00		
			75	0	18.48	18.47	18.40	20.00		
1			0	18.49	18.63	18.51	20.00			
1			50	18.49	18.49	18.53	20.00			
1			99	18.58	18.48	18.61	20.00			
50			0	18.49	18.64	18.54	20.00			
16QAM		50	25	18.64	18.49	18.53	20.00			
		50	50	18.56	18.54	18.54	20.00			
		100	0	18.49	18.58	18.48	20.00			
		1	0	18.79	18.73	18.66	20.00			
		1	50	18.64	18.70	18.69	20.00			
		1	99	18.53	18.67	18.69	20.00			
		50	0	18.60	18.56	18.53	20.00			
64QAM	50	25	18.49	18.58	18.50	20.00				
	50	50	18.54	18.50	18.60	20.00				
	100	0	18.57	18.55	18.56	20.00				
	1	0	18.60	18.65	18.55	20.00				
	1	50	18.50	18.66	18.61	20.00				
	1	99	18.66	18.54	18.62	20.00				
	50	0	18.65	18.56	18.60	20.00				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up			
				20850	21100	21350				
				50	0	18.49		18.63	18.51	20.00
				50	50	18.56		18.54	18.54	20.00

LTE Band 7 DSI 7/8				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	15.41	15.73	15.48	17.00
		1	13	15.56	15.60	15.46	17.00
		1	24	15.57	15.63	15.60	17.00
		12	0	15.56	15.59	15.51	17.00
		12	6	15.66	15.48	15.49	17.00
		12	13	15.62	15.52	15.46	17.00
		25	0	15.55	15.56	15.48	17.00
	16QAM	1	0	15.62	15.61	15.63	17.00
		1	13	15.71	15.71	15.62	17.00
		1	24	15.53	15.64	15.67	17.00
		12	0	15.54	15.65	15.43	17.00
		12	6	15.48	15.55	15.53	17.00
		12	13	15.70	15.52	15.66	17.00
		25	0	15.58	15.51	15.54	17.00
	64QAM	1	0	15.62	15.53	15.62	17.00
		1	13	15.65	15.57	15.48	17.00
		1	24	15.57	15.53	15.57	17.00
		12	0	15.69	15.50	15.49	17.00
		12	6	15.66	15.64	15.60	17.00
		12	13	15.58	15.45	15.53	17.00
		25	0	15.53	15.60	15.61	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	15.45	15.76	15.47	17.00
		1	25	15.49	15.54	15.40	17.00
		1	49	15.66	15.49	15.53	17.00
		25	0	15.59	15.55	15.53	17.00
		25	13	15.68	15.53	15.45	17.00
		25	25	15.60	15.50	15.57	17.00
		50	0	15.67	15.60	15.39	17.00
	16QAM	1	0	15.64	15.73	15.63	17.00
		1	25	15.74	15.74	15.68	17.00
		1	49	15.63	15.74	15.70	17.00
		25	0	15.54	15.60	15.55	17.00
		25	13	15.56	15.55	15.43	17.00
		25	25	15.64	15.60	15.64	17.00
		50	0	15.63	15.60	15.54	17.00
	64QAM	1	0	15.65	15.56	15.59	17.00
		1	25	15.71	15.65	15.60	17.00
		1	49	15.69	15.44	15.51	17.00
		25	0	15.58	15.53	15.53	17.00
		25	13	15.64	15.63	15.58	17.00
		25	25	15.53	15.43	15.59	17.00
		50	0	15.43	15.58	15.58	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				20825	21100	21375	
15MHz	QPSK	1	0	15.53	15.63	15.60	17.00
		1	38	15.57	15.51	15.39	17.00
		1	74	15.61	15.53	15.45	17.00
		36	0	15.50	15.61	15.55	17.00
		36	18	15.62	15.48	15.56	17.00
		36	39	15.47	15.56	15.57	17.00
		75	0	15.54	15.51	15.53	17.00
	16QAM	1	0	15.72	15.75	15.63	17.00
		1	38	15.76	15.60	15.68	17.00
		1	74	15.61	15.75	15.65	17.00
		36	0	15.63	15.68	15.53	17.00
		36	18	15.43	15.64	15.44	17.00
		36	39	15.57	15.51	15.63	17.00
		75	0	15.55	15.62	15.56	17.00
	64QAM	1	0	15.60	15.56	15.69	17.00
		1	38	15.63	15.61	15.50	17.00
		1	74	15.68	15.45	15.51	17.00
		36	0	15.57	15.43	15.53	17.00
		36	18	15.58	15.59	15.60	17.00
		36	39	15.54	15.45	15.43	17.00
		75	0	15.44	15.56	15.57	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	15.44	15.66	15.48	17.00
		1	50	15.50	15.67	15.42	17.00
		1	99	15.64	15.54	15.50	17.00
		50	0	15.50	15.61	15.55	17.00
		50	25	15.61	15.54	15.57	17.00
		50	50	15.57	15.61	15.47	17.00
		100	0	15.69	15.54	15.40	17.00
	16QAM	1	0	15.66	15.72	15.68	17.00
		1	50	15.73	15.69	15.53	17.00
		1	99	15.65	15.76	15.64	17.00
		50	0	15.52	15.66	15.48	17.00
		50	25	15.55	15.64	15.38	17.00
		50	50	15.67	15.60	15.63	17.00
		100	0	15.51	15.50	15.66	17.00
	64QAM	1	0	15.61	15.51	15.67	17.00
		1	50	15.71	15.68	15.59	17.00
		1	99	15.66	15.48	15.55	17.00
		50	0	15.61	15.43	15.59	17.00
		50	25	15.70	15.59	15.66	17.00
		50	50	15.55	15.47	15.45	17.00
		100	0	15.44	15.49	15.52	17.00

6.2 Conducted Power of LTE Uplink CA (Ant13)

LTE Band 4 DSI 6				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				19957	20175	20393		
1.4MHz	QPSK	1	0	18.67	18.54	18.53	19.80	
		1	2	18.54	18.55	18.65	19.80	
		1	5	18.50	18.53	18.62	19.80	
		3	0	18.63	18.59	18.50	19.80	
		3	2	18.59	18.55	18.58	19.80	
		3	3	18.61	18.52	18.72	19.80	
	16QAM	6	0	18.68	18.48	18.56	19.80	
		1	0	18.75	18.78	18.79	19.80	
		1	2	18.74	18.71	18.75	19.80	
		1	5	18.86	18.75	18.77	19.80	
		3	0	18.56	18.50	18.48	19.80	
		3	2	18.46	18.48	18.48	19.80	
	64QAM	3	3	18.57	18.47	18.60	19.80	
		6	0	18.62	18.57	18.63	19.80	
		1	0	18.77	18.56	18.68	19.80	
		1	2	18.61	18.54	18.59	19.80	
		1	5	18.74	18.69	18.67	19.80	
		3	0	18.63	18.46	18.61	19.80	
	3MHz	QPSK	3	2	18.61	18.54	18.64	19.80
			3	3	18.59	18.66	18.56	19.80
			6	0	18.60	18.47	18.61	19.80
1			0	18.58	18.48	18.49	19.80	
1			7	18.57	18.54	18.66	19.80	
1			14	18.50	18.54	18.70	19.80	
16QAM		8	0	18.55	18.57	18.58	19.80	
		8	4	18.64	18.53	18.68	19.80	
		8	7	18.53	18.53	18.70	19.80	
		15	0	18.62	18.42	18.53	19.80	
		1	0	18.73	18.70	18.83	19.80	
		1	7	18.75	18.61	18.70	19.80	
64QAM		1	14	18.80	18.79	18.72	19.80	
		8	0	18.67	18.57	18.57	19.80	
		8	4	18.49	18.47	18.49	19.80	
		8	7	18.61	18.61	18.66	19.80	
		15	0	18.69	18.56	18.64	19.80	
		1	0	18.80	18.70	18.62	19.80	
64QAM		1	7	18.63	18.62	18.65	19.80	
		1	14	18.76	18.67	18.63	19.80	
		8	0	18.59	18.48	18.50	19.80	
	8	4	18.51	18.47	18.59	19.80		
	8	7	18.71	18.64	18.57	19.80		
	15	0	18.53	18.47	18.55	19.80		

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19975	20175	20375	
5MHz	QPSK	1	0	18.57	18.55	18.62	19.80
		1	13	18.53	18.57	18.70	19.80
		1	24	18.52	18.54	18.76	19.80
		12	0	18.68	18.50	18.53	19.80
		12	6	18.54	18.50	18.68	19.80
		12	13	18.56	18.62	18.66	19.80
		25	0	18.61	18.52	18.65	19.80
	16QAM	1	0	18.73	18.71	18.75	19.80
		1	13	18.76	18.68	18.70	19.80
		1	24	18.76	18.70	18.82	19.80
		12	0	18.63	18.51	18.52	19.80
		12	6	18.56	18.46	18.57	19.80
		12	13	18.55	18.56	18.57	19.80
		25	0	18.69	18.45	18.62	19.80
	64QAM	1	0	18.73	18.58	18.73	19.80
		1	13	18.57	18.66	18.68	19.80
		1	24	18.78	18.56	18.65	19.80
		12	0	18.54	18.53	18.65	19.80
		12	6	18.65	18.46	18.52	19.80
		12	13	18.63	18.62	18.66	19.80
		25	0	18.64	18.48	18.63	19.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	18.66	18.59	18.55	19.80
		1	25	18.60	18.51	18.71	19.80
		1	49	18.62	18.49	18.77	19.80
		25	0	18.52	18.49	18.49	19.80
		25	13	18.67	18.51	18.61	19.80
		25	25	18.54	18.55	18.63	19.80
		50	0	18.63	18.46	18.52	19.80
	16QAM	1	0	18.77	18.64	18.73	19.80
		1	25	18.70	18.57	18.77	19.80
		1	49	18.81	18.72	18.85	19.80
		25	0	18.66	18.53	18.58	19.80
		25	13	18.60	18.52	18.59	19.80
		25	25	18.66	18.61	18.62	19.80
		50	0	18.63	18.45	18.55	19.80
	64QAM	1	0	18.71	18.61	18.67	19.80
		1	25	18.66	18.56	18.74	19.80
		1	49	18.71	18.67	18.66	19.80
		25	0	18.69	18.57	18.63	19.80
		25	13	18.57	18.47	18.51	19.80
		25	25	18.72	18.53	18.61	19.80
		50	0	18.52	18.44	18.47	19.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	QPSK	1	0	20025	20175	20325	19.80

		1	38	18.60	18.49	18.70	19.80	
		1	74	18.48	18.57	18.65	19.80	
		36	0	18.54	18.57	18.55	19.80	
		36	18	18.54	18.51	18.67	19.80	
		36	39	18.62	18.59	18.59	19.80	
		75	0	18.65	18.57	18.67	19.80	
	16QAM	1	0	18.79	18.62	18.70	19.80	
		1	38	18.77	18.69	18.67	19.80	
		1	74	18.87	18.75	18.82	19.80	
		36	0	18.53	18.46	18.60	19.80	
		36	18	18.51	18.55	18.52	19.80	
		36	39	18.65	18.51	18.66	19.80	
	64QAM	75	0	18.62	18.49	18.56	19.80	
		1	0	18.72	18.67	18.65	19.80	
		1	38	18.65	18.57	18.67	19.80	
		1	74	18.77	18.71	18.68	19.80	
		36	0	18.67	18.47	18.61	19.80	
		36	18	18.55	18.54	18.67	19.80	
		36	39	18.71	18.58	18.69	19.80	
		75	0	18.66	18.48	18.52	19.80	
		Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
20050						20175	20300	
20MHz		QPSK	1	0	18.65	18.53	18.54	19.80
			1	50	18.57	18.52	18.63	19.80
	1		99	18.56	18.56	18.69	19.80	
	50		0	18.60	18.51	18.57	19.80	
	50		25	18.61	18.53	18.63	19.80	
	50		50	18.57	18.54	18.65	19.80	
	100		0	18.60	18.50	18.59	19.80	
	16QAM	1	0	18.79	18.70	18.76	19.80	
		1	50	18.73	18.65	18.72	19.80	
		1	99	18.80	18.71	18.78	19.80	
		50	0	18.60	18.52	18.53	19.80	
		50	25	18.54	18.51	18.56	19.80	
		50	50	18.58	18.54	18.59	19.80	
		100	0	18.61	18.52	18.56	19.80	
	64QAM	1	0	18.72	18.64	18.68	19.80	
		1	50	18.62	18.58	18.66	19.80	
		1	99	18.72	18.63	18.65	19.80	
		50	0	18.61	18.51	18.57	19.80	
		50	25	18.59	18.53	18.59	19.80	
		50	50	18.64	18.59	18.63	19.80	
		100	0	18.60	18.52	18.55	19.80	

LTE Band 4 DSI 8				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	15.59	15.51	15.58	16.80
		1	2	15.50	15.47	15.69	16.80
		1	5	15.51	15.63	15.70	16.80
		3	0	15.56	15.49	15.68	16.80
		3	2	15.57	15.55	15.69	16.80
		3	3	15.58	15.63	15.78	16.80
		6	0	15.50	15.54	15.54	16.80
	16QAM	1	0	15.85	15.77	15.73	16.80
		1	2	15.80	15.60	15.68	16.80
		1	5	15.88	15.62	15.78	16.80
		3	0	15.57	15.45	15.61	16.80
		3	2	15.56	15.49	15.54	16.80
		3	3	15.65	15.58	15.55	16.80
		6	0	15.69	15.49	15.52	16.80
	64QAM	1	0	15.68	15.80	15.68	16.80
		1	2	15.67	15.62	15.75	16.80
		1	5	15.72	15.68	15.70	16.80
		3	0	15.68	15.50	15.47	16.80
		3	2	15.52	15.62	15.55	16.80
		3	3	15.54	15.51	15.55	16.80
		6	0	15.60	15.54	15.59	16.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
3MHz	QPSK	1	0	15.57	15.54	15.54	16.80
		1	7	15.59	15.58	15.56	16.80
		1	14	15.60	15.58	15.63	16.80
		8	0	15.47	15.37	15.56	16.80
		8	4	15.66	15.45	15.60	16.80
		8	7	15.59	15.59	15.72	16.80
		15	0	15.54	15.56	15.45	16.80
	16QAM	1	0	15.84	15.66	15.84	16.80
		1	7	15.74	15.50	15.75	16.80
		1	14	15.75	15.66	15.85	16.80
		8	0	15.50	15.54	15.54	16.80
		8	4	15.59	15.49	15.60	16.80
		8	7	15.64	15.69	15.57	16.80
		15	0	15.66	15.63	15.44	16.80
	64QAM	1	0	15.67	15.75	15.74	16.80
		1	7	15.62	15.62	15.77	16.80
		1	14	15.85	15.72	15.74	16.80
		8	0	15.68	15.63	15.46	16.80
		8	4	15.47	15.57	15.56	16.80
		8	7	15.59	15.62	15.61	16.80
		15	0	15.59	15.52	15.48	16.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				19975	20175	20375	
5MHz	QPSK	1	0	15.63	15.62	15.61	16.80
		1	13	15.64	15.58	15.61	16.80
		1	24	15.63	15.67	15.63	16.80
		12	0	15.44	15.46	15.57	16.80
		12	6	15.69	15.50	15.64	16.80
		12	13	15.49	15.68	15.77	16.80
		25	0	15.49	15.53	15.53	16.80
	16QAM	1	0	15.93	15.65	15.78	16.80
		1	13	15.83	15.54	15.77	16.80
		1	24	15.78	15.76	15.74	16.80
		12	0	15.49	15.48	15.62	16.80
		12	6	15.60	15.52	15.63	16.80
		12	13	15.66	15.66	15.57	16.80
		25	0	15.61	15.52	15.48	16.80
	64QAM	1	0	15.62	15.76	15.79	16.80
		1	13	15.68	15.66	15.72	16.80
		1	24	15.88	15.61	15.63	16.80
		12	0	15.60	15.66	15.53	16.80
		12	6	15.53	15.60	15.56	16.80
		12	13	15.56	15.65	15.57	16.80
		25	0	15.53	15.41	15.48	16.80
Bandwidth	Modulation	RB size	RB offset	Channel 20000	Channel 20175	Channel 20350	Tune up
10MHz	QPSK	1	0	15.58	15.59	15.54	16.80
		1	25	15.57	15.47	15.58	16.80
		1	49	15.66	15.67	15.69	16.80
		25	0	15.58	15.35	15.60	16.80
		25	13	15.62	15.60	15.56	16.80
		25	25	15.55	15.59	15.69	16.80
		50	0	15.51	15.48	15.47	16.80
	16QAM	1	0	15.91	15.79	15.70	16.80
		1	25	15.74	15.53	15.70	16.80
		1	49	15.77	15.64	15.74	16.80
		25	0	15.53	15.53	15.61	16.80
		25	13	15.54	15.47	15.67	16.80
		25	25	15.64	15.57	15.63	16.80
		50	0	15.68	15.51	15.59	16.80
	64QAM	1	0	15.66	15.74	15.71	16.80
		1	25	15.63	15.60	15.62	16.80
		1	49	15.72	15.70	15.70	16.80
		25	0	15.60	15.50	15.53	16.80
		25	13	15.58	15.56	15.59	16.80
		25	25	15.59	15.56	15.47	16.80
		50	0	15.62	15.46	15.56	16.80
Bandwidth	Modulation	RB size	RB offset	Channel 20025	Channel 20175	Channel 20325	Tune up
15MHz	QPSK	1	0	15.60	15.49	15.53	16.80
		1	38	15.51	15.50	15.61	16.80

		1	74	15.54	15.51	15.63	16.80	
		36	0	15.51	15.36	15.60	16.80	
		36	18	15.59	15.53	15.64	16.80	
		36	39	15.52	15.68	15.73	16.80	
		75	0	15.59	15.56	15.54	16.80	
	16QAM	1	0	15.84	15.65	15.80	16.80	
		1	38	15.81	15.57	15.77	16.80	
		1	74	15.88	15.61	15.76	16.80	
		36	0	15.64	15.43	15.67	16.80	
		36	18	15.59	15.57	15.59	16.80	
		36	39	15.67	15.58	15.63	16.80	
	64QAM	75	0	15.62	15.61	15.54	16.80	
		1	0	15.63	15.73	15.79	16.80	
		1	38	15.59	15.69	15.70	16.80	
		1	74	15.72	15.71	15.62	16.80	
		36	0	15.65	15.56	15.46	16.80	
		36	18	15.51	15.55	15.53	16.80	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					20050	20175	20300	
	20MHz	QPSK	1	0	15.60	15.55	15.60	16.80
1			50	15.56	15.52	15.61	16.80	
1			99	15.59	15.59	15.63	16.80	
50			0	15.52	15.43	15.60	16.80	
50			25	15.63	15.53	15.62	16.80	
50			50	15.51	15.61	15.71	16.80	
100			0	15.52	15.54	15.51	16.80	
16QAM		1	0	15.86	15.73	15.77	16.80	
		1	50	15.78	15.57	15.72	16.80	
		1	99	15.80	15.69	15.81	16.80	
		50	0	15.57	15.51	15.59	16.80	
		50	25	15.62	15.49	15.62	16.80	
		50	50	15.65	15.62	15.58	16.80	
64QAM		100	0	15.66	15.57	15.52	16.80	
		1	0	15.66	15.72	15.73	16.80	
		1	50	15.67	15.65	15.70	16.80	
		1	99	15.80	15.68	15.69	16.80	
		50	0	15.65	15.58	15.50	16.80	
		50	25	15.51	15.60	15.53	16.80	
		50	50	15.59	15.58	15.55	16.80	
100		0	15.54	15.46	15.54	16.80		

LTE Band 4 DSI 5				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				19957	20175	20393		
1.4MHz	QPSK	1	0	14.15	13.96	13.98	15.30	
		1	2	13.93	14.03	14.12	15.30	
		1	5	14.03	14.06	14.18	15.30	
		3	0	14.14	13.91	14.17	15.30	
		3	2	14.16	14.00	14.23	15.30	
		3	3	14.03	14.19	14.23	15.30	
	16QAM	6	0	13.92	14.08	13.92	15.30	
		1	0	14.40	14.19	14.39	15.30	
		1	2	14.38	14.14	14.25	15.30	
		1	5	14.31	14.15	14.32	15.30	
		3	0	14.02	14.04	14.15	15.30	
		3	2	14.06	14.01	14.12	15.30	
	64QAM	3	3	14.15	14.12	14.16	15.30	
		6	0	14.18	14.17	13.91	15.30	
		1	0	14.14	14.26	14.26	15.30	
		1	2	14.16	14.08	14.17	15.30	
		1	5	14.39	14.18	14.09	15.30	
		3	0	14.13	14.14	13.92	15.30	
	3MHz	QPSK	3	2	14.05	14.04	13.93	15.30
			3	3	14.20	14.05	14.14	15.30
	6		0	14.02	13.88	14.13	15.30	
1	0		14.03	14.01	14.04	15.30		
1	7		14.04	14.11	14.13	15.30		
1	14		14.12	14.04	14.17	15.30		
8	0		14.05	14.00	14.17	15.30		
3MHz	16QAM	8	4	14.14	14.08	14.17	15.30	
		8	7	14.05	14.13	14.29	15.30	
		15	0	13.91	14.03	13.99	15.30	
		1	0	14.37	14.18	14.36	15.30	
		1	7	14.27	14.07	14.14	15.30	
		1	14	14.26	14.17	14.29	15.30	
		8	0	14.02	14.01	14.05	15.30	
	64QAM	8	4	14.08	14.11	14.04	15.30	
		8	7	14.19	14.17	14.16	15.30	
		15	0	14.07	14.14	13.97	15.30	
		1	0	14.18	14.22	14.29	15.30	
		1	7	14.23	14.20	14.24	15.30	
		1	14	14.43	14.21	14.10	15.30	
		8	0	14.21	14.11	13.88	15.30	
3MHz	64QAM	8	4	14.04	14.02	13.97	15.30	
		8	7	14.18	14.04	14.12	15.30	
15	0	14.00	14.02	14.03	15.30			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	

				19975	20175	20375	
5MHz	QPSK	1	0	14.02	13.98	14.10	15.30
		1	13	13.99	14.02	14.13	15.30
		1	24	13.98	14.03	14.26	15.30
		12	0	14.14	13.94	14.08	15.30
		12	6	14.08	13.96	14.22	15.30
		12	13	14.01	14.08	14.29	15.30
		25	0	13.97	14.13	13.88	15.30
	16QAM	1	0	14.29	14.21	14.24	15.30
		1	13	14.37	14.04	14.12	15.30
		1	24	14.34	14.28	14.30	15.30
		12	0	14.00	14.04	14.15	15.30
		12	6	14.20	14.07	14.06	15.30
		12	13	14.17	14.15	14.21	15.30
		25	0	14.09	14.19	14.02	15.30
	64QAM	1	0	14.21	14.17	14.26	15.30
		1	13	14.11	14.13	14.30	15.30
		1	24	14.41	14.19	14.11	15.30
		12	0	14.18	14.04	14.00	15.30
		12	6	14.14	14.14	13.90	15.30
		12	13	14.06	14.13	14.13	15.30
		25	0	14.07	13.91	14.01	15.30
Bandwidth	Modulation	RB size	RB offset	Channel 20000	Channel 20175	Channel 20350	Tune up
10MHz	QPSK	1	0	14.08	14.09	14.03	15.30
		1	25	13.98	14.02	14.08	15.30
		1	49	14.13	14.03	14.14	15.30
		25	0	14.12	14.02	14.09	15.30
		25	13	14.12	14.07	14.23	15.30
		25	25	13.91	14.11	14.22	15.30
		50	0	13.96	14.18	13.88	15.30
	16QAM	1	0	14.27	14.18	14.29	15.30
		1	25	14.40	14.09	14.23	15.30
		1	49	14.25	14.19	14.22	15.30
		25	0	13.99	14.11	14.05	15.30
		25	13	14.11	14.03	14.13	15.30
		25	25	14.15	14.14	14.06	15.30
		50	0	14.10	14.12	14.01	15.30
	64QAM	1	0	14.12	14.23	14.35	15.30
		1	25	14.18	14.13	14.22	15.30
		1	49	14.39	14.16	14.07	15.30
		25	0	14.11	14.11	13.93	15.30
		25	13	14.09	14.00	13.91	15.30
		25	25	14.15	14.02	14.07	15.30
		50	0	14.11	13.97	14.07	15.30
Bandwidth	Modulation	RB size	RB offset	Channel 20025	Channel 20175	Channel 20325	Tune up
15MHz	QPSK	1	0	14.05	13.95	14.11	15.30
		1	38	14.08	14.04	14.11	15.30

		1	74	14.13	14.08	14.26	15.30	
		36	0	14.03	14.06	14.17	15.30	
		36	18	14.13	13.96	14.13	15.30	
		36	39	13.93	14.17	14.31	15.30	
		75	0	13.98	14.09	13.97	15.30	
	16QAM	1	0	14.33	14.28	14.31	15.30	
		1	38	14.31	14.00	14.24	15.30	
		1	74	14.33	14.25	14.21	15.30	
		36	0	14.09	14.07	14.02	15.30	
		36	18	14.09	14.00	14.05	15.30	
		36	39	14.18	14.11	14.16	15.30	
		75	0	14.09	14.08	13.96	15.30	
	64QAM	1	0	14.27	14.19	14.25	15.30	
		1	38	14.12	14.18	14.24	15.30	
		1	74	14.35	14.17	14.18	15.30	
		36	0	14.21	14.10	13.88	15.30	
		36	18	14.00	14.02	13.94	15.30	
		36	39	14.16	14.02	14.14	15.30	
		75	0	14.08	13.93	14.12	15.30	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					20050	20175	20300	
20MHz	QPSK	1	0	14.09	14.02	14.04	15.30	
		1	50	14.00	14.05	14.08	15.30	
		1	99	14.06	14.08	14.19	15.30	
		50	0	14.07	13.99	14.09	15.30	
		50	25	14.11	14.02	14.16	15.30	
		50	50	13.97	14.11	14.24	15.30	
		100	0	13.98	14.10	13.95	15.30	
	16QAM	1	0	14.34	14.25	14.31	15.30	
		1	50	14.34	14.07	14.18	15.30	
		1	99	14.26	14.20	14.27	15.30	
		50	0	14.01	14.04	14.09	15.30	
		50	25	14.12	14.04	14.10	15.30	
		50	50	14.18	14.18	14.14	15.30	
		100	0	14.11	14.12	13.99	15.30	
	64QAM	1	0	14.20	14.24	14.27	15.30	
		1	50	14.15	14.15	14.25	15.30	
		1	99	14.36	14.23	14.14	15.30	
		50	0	14.18	14.09	13.96	15.30	
		50	25	14.06	14.08	13.98	15.30	
		50	50	14.14	14.08	14.09	15.30	
		100	0	14.05	13.95	14.07	15.30	

LTE Band 4 DSI 7				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	11.13	11.14	10.99	12.30
		1	2	10.99	11.13	11.11	12.30
		1	5	11.08	11.22	11.15	12.30
		3	0	10.99	10.98	11.16	12.30
		3	2	11.10	11.16	11.17	12.30
		3	3	10.87	11.20	11.19	12.30
		6	0	11.05	11.01	10.97	12.30
	16QAM	1	0	11.30	11.24	11.35	12.30
		1	2	11.29	11.01	11.13	12.30
		1	5	11.39	11.31	11.27	12.30
		3	0	11.09	11.06	11.19	12.30
		3	2	11.08	11.07	11.13	12.30
		3	3	11.28	11.14	11.06	12.30
		6	0	11.06	11.19	10.92	12.30
	64QAM	1	0	11.18	11.32	11.23	12.30
		1	2	11.07	11.16	11.33	12.30
		1	5	11.39	11.34	11.15	12.30
		3	0	11.29	11.19	11.09	12.30
		3	2	11.05	11.01	10.96	12.30
		3	3	11.12	10.99	11.16	12.30
		6	0	11.06	10.98	10.94	12.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
3MHz	QPSK	1	0	11.14	11.12	11.00	12.30
		1	7	10.97	11.13	11.20	12.30
		1	14	11.09	11.07	11.27	12.30
		8	0	11.03	10.93	11.11	12.30
		8	4	11.14	11.14	11.17	12.30
		8	7	10.89	11.14	11.15	12.30
		15	0	10.94	11.15	10.89	12.30
	16QAM	1	0	11.38	11.20	11.35	12.30
		1	7	11.27	10.96	11.14	12.30
		1	14	11.38	11.19	11.28	12.30
		8	0	11.03	11.13	11.04	12.30
		8	4	11.06	11.10	11.06	12.30
		8	7	11.18	11.28	11.13	12.30
		15	0	10.97	11.18	11.06	12.30
	64QAM	1	0	11.15	11.21	11.17	12.30
		1	7	11.15	11.05	11.25	12.30
		1	14	11.35	11.31	11.10	12.30
		8	0	11.26	11.05	11.07	12.30
		8	4	11.02	11.11	10.95	12.30
		8	7	11.08	11.08	11.23	12.30
		15	0	11.14	10.91	11.02	12.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				19975	20175	20375	
5MHz	QPSK	1	0	11.09	11.01	11.00	12.30
		1	13	11.09	11.13	11.04	12.30
		1	24	11.18	11.21	11.21	12.30
		12	0	11.11	10.89	11.16	12.30
		12	6	11.04	11.16	11.09	12.30
		12	13	10.86	11.19	11.12	12.30
		25	0	11.05	11.12	10.89	12.30
	16QAM	1	0	11.42	11.18	11.38	12.30
		1	13	11.33	11.08	11.23	12.30
		1	24	11.31	11.22	11.36	12.30
		12	0	11.09	11.10	11.15	12.30
		12	6	11.04	11.08	11.12	12.30
		12	13	11.19	11.28	11.17	12.30
		25	0	11.02	11.11	10.93	12.30
	64QAM	1	0	11.25	11.22	11.31	12.30
		1	13	11.08	11.13	11.31	12.30
		1	24	11.38	11.19	11.15	12.30
		12	0	11.30	11.12	11.00	12.30
		12	6	11.09	11.03	10.93	12.30
		12	13	11.04	11.01	11.17	12.30
		25	0	11.19	10.97	10.94	12.30
Bandwidth	Modulation	RB size	RB offset	Channel 20000	Channel 20175	Channel 20350	Tune up
10MHz	QPSK	1	0	11.16	11.00	10.93	12.30
		1	25	11.02	11.08	11.19	12.30
		1	49	11.12	11.21	11.21	12.30
		25	0	11.10	10.86	11.11	12.30
		25	13	11.09	11.12	11.04	12.30
		25	25	10.98	11.21	11.18	12.30
		50	0	10.99	11.14	10.90	12.30
	16QAM	1	0	11.40	11.28	11.28	12.30
		1	25	11.32	10.96	11.21	12.30
		1	49	11.23	11.18	11.38	12.30
		25	0	11.09	11.18	11.06	12.30
		25	13	11.10	11.02	11.13	12.30
		25	25	11.26	11.18	11.15	12.30
		50	0	11.11	11.08	11.07	12.30
	64QAM	1	0	11.25	11.22	11.30	12.30
		1	25	11.13	11.09	11.22	12.30
		1	49	11.50	11.21	11.10	12.30
		25	0	11.22	11.19	11.01	12.30
		25	13	11.05	11.12	10.91	12.30
		25	25	11.12	11.11	11.18	12.30
		50	0	11.05	10.92	11.04	12.30
Bandwidth	Modulation	RB size	RB offset	Channel 20025	Channel 20175	Channel 20325	Tune up
15MHz	QPSK	1	0	11.14	11.02	11.02	12.30
		1	38	11.04	11.03	11.12	12.30

		1	74	11.18	11.19	11.29	12.30	
		36	0	11.09	10.94	11.18	12.30	
		36	18	11.03	11.10	11.07	12.30	
		36	39	10.87	11.11	11.11	12.30	
		75	0	11.03	11.03	10.85	12.30	
	16QAM	1	0	11.37	11.15	11.26	12.30	
		1	38	11.25	11.00	11.13	12.30	
		1	74	11.23	11.15	11.33	12.30	
		36	0	10.97	11.07	11.10	12.30	
		36	18	11.03	11.08	11.11	12.30	
		36	39	11.25	11.26	11.08	12.30	
		75	0	10.97	11.12	11.08	12.30	
	64QAM	1	0	11.18	11.28	11.23	12.30	
		1	38	11.08	11.10	11.23	12.30	
		1	74	11.37	11.31	11.12	12.30	
		36	0	11.19	11.18	11.02	12.30	
		36	18	11.11	11.07	10.94	12.30	
		36	39	11.07	11.06	11.13	12.30	
		75	0	11.12	10.92	11.06	12.30	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					20050	20175	20300	
20MHz	QPSK	1	0	11.11	11.06	10.97	12.30	
		1	50	11.04	11.07	11.12	12.30	
		1	99	11.12	11.14	11.21	12.30	
		50	0	11.03	10.92	11.14	12.30	
		50	25	11.06	11.09	11.11	12.30	
		50	50	10.90	11.14	11.19	12.30	
		100	0	11.02	11.09	10.90	12.30	
	16QAM	1	0	11.35	11.22	11.34	12.30	
		1	50	11.32	11.02	11.16	12.30	
		1	99	11.31	11.23	11.33	12.30	
		50	0	11.01	11.11	11.12	12.30	
		50	25	11.11	11.03	11.11	12.30	
		50	50	11.25	11.20	11.14	12.30	
		100	0	11.05	11.11	11.00	12.30	
	64QAM	1	0	11.17	11.24	11.23	12.30	
		1	50	11.14	11.10	11.27	12.30	
		1	99	11.43	11.27	11.10	12.30	
		50	0	11.22	11.13	11.02	12.30	
		50	25	11.05	11.08	10.94	12.30	
		50	50	11.09	11.05	11.15	12.30	
		100	0	11.12	10.90	11.02	12.30	

LTE Band 5 DSI 6				Conducted Power(dBm)				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20407	20525	20643		
1.4MHz	QPSK	1	0	22.74	22.91	22.90	24.00	
		1	2	22.79	22.90	22.75	24.00	
		1	5	22.83	22.93	22.85	24.00	
		3	0	22.76	22.70	22.81	24.00	
		3	2	22.68	22.71	22.76	24.00	
		3	3	22.74	22.74	22.75	24.00	
	16QAM	6	0	22.76	22.84	22.79	24.00	
		1	0	22.69	22.86	22.79	24.00	
		1	2	22.91	22.87	22.71	24.00	
		1	5	22.98	22.86	22.86	24.00	
		3	0	22.75	22.73	22.79	24.00	
		3	2	22.76	22.71	22.73	24.00	
	64QAM	3	3	22.65	22.78	22.66	24.00	
		6	0	21.67	21.70	21.69	23.00	
		1	0	21.76	21.80	21.64	23.00	
		1	2	21.68	21.75	21.81	23.00	
		1	5	21.80	21.90	21.68	23.00	
		3	0	21.76	21.79	21.77	23.00	
	3MHz	QPSK	3	2	21.75	21.78	21.66	23.00
			3	3	21.63	21.80	21.71	23.00
			6	0	20.68	20.80	20.73	22.00
1			0	22.83	22.84	22.80	24.00	
1			7	22.76	22.86	22.76	24.00	
1			14	22.78	22.88	22.79	24.00	
8			0	22.79	22.86	22.80	24.00	
16QAM		8	4	22.79	22.81	22.71	24.00	
		8	7	22.75	22.80	22.70	24.00	
		15	0	22.76	22.74	22.79	24.00	
		1	0	22.76	22.88	22.69	24.00	
		1	7	22.77	22.89	22.82	24.00	
		1	14	22.86	23.01	22.83	24.00	
		8	0	21.67	21.80	21.70	23.00	
64QAM		8	4	21.76	21.79	21.78	23.00	
		8	7	21.76	21.74	21.70	23.00	
		15	0	21.75	21.72	21.80	23.00	
		1	0	21.76	21.88	21.73	23.00	
		1	7	21.65	21.86	21.87	23.00	
		1	14	21.84	21.84	21.74	23.00	
		8	0	20.79	20.73	20.69	22.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20415	20525	20635		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20415	20525	20635		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				20415	20525	20635		

				20425	20525	20625	
5MHz	QPSK	1	0	22.75	22.88	22.84	24.00
		1	13	22.85	22.96	22.81	24.00
		1	24	22.74	22.87	22.76	24.00
		12	0	22.69	22.72	22.80	24.00
		12	6	22.78	22.78	22.81	24.00
		12	13	22.85	22.74	22.64	24.00
		25	0	22.74	22.83	22.68	24.00
	16QAM	1	0	22.84	22.91	22.71	24.00
		1	13	22.80	22.79	22.78	24.00
		1	24	22.97	22.95	22.82	24.00
		12	0	21.70	21.81	21.74	23.00
		12	6	21.77	21.85	21.67	23.00
		12	13	21.68	21.78	21.80	23.00
		25	0	21.74	21.78	21.80	23.00
	64QAM	1	0	21.72	21.84	21.75	23.00
		1	13	21.75	21.77	21.79	23.00
		1	24	21.83	21.86	21.75	23.00
		12	0	20.75	20.77	20.79	22.00
		12	6	20.75	20.72	20.62	22.00
		12	13	20.73	20.75	20.68	22.00
		25	0	20.76	20.76	20.67	22.00
Bandwidth	Modulation	RB size	RB offset	Channel 20450	Channel 20525	Channel 20600	Tune up
10MHz	QPSK	1	0	22.81	22.86	22.87	24.00
		1	25	22.78	22.88	22.80	24.00
		1	49	22.82	22.90	22.78	24.00
		25	0	22.75	22.78	22.76	24.00
		25	13	22.74	22.77	22.73	24.00
		25	25	22.79	22.82	22.72	24.00
		50	0	22.76	22.79	22.75	24.00
	16QAM	1	0	22.76	22.85	22.77	24.00
		1	25	22.85	22.87	22.75	24.00
		1	49	22.91	22.93	22.81	24.00
		25	0	21.74	21.81	21.75	23.00
		25	13	21.75	21.80	21.74	23.00
		25	25	21.70	21.79	21.72	23.00
		50	0	21.72	21.77	21.72	23.00
	64QAM	1	0	21.75	21.81	21.71	23.00
		1	25	21.73	21.83	21.79	23.00
		1	49	21.77	21.86	21.74	23.00
		25	0	20.73	20.80	20.76	22.00
		25	13	20.73	20.78	20.64	22.00
		25	25	20.72	20.79	20.67	22.00
		50	0	20.73	20.76	20.70	22.00

LTE Band 5 DSI 8				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20407	20525	20643	
1.4MHz	QPSK	1	0	20.76	20.89	20.81	22.00
		1	2	20.79	20.73	20.79	22.00
		1	5	20.90	21.01	20.83	22.00
		3	0	20.87	20.92	20.74	22.00
		3	2	20.62	20.71	20.65	22.00
		3	3	20.94	20.93	20.79	22.00
		6	0	20.71	20.69	20.82	22.00
	16QAM	1	0	20.80	20.86	20.74	22.00
		1	2	20.86	20.85	20.81	22.00
		1	5	20.89	20.96	20.87	22.00
		3	0	20.70	20.77	20.62	22.00
		3	2	20.79	20.81	20.72	22.00
		3	3	20.79	20.89	20.68	22.00
		6	0	20.76	20.77	20.76	22.00
	64QAM	1	0	20.83	20.80	20.66	22.00
		1	2	20.75	20.84	20.90	22.00
		1	5	20.71	20.86	20.74	22.00
		3	0	20.74	20.86	20.75	22.00
		3	2	20.79	20.76	20.54	22.00
		3	3	20.61	20.87	20.58	22.00
		6	0	20.83	20.79	20.68	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
3MHz	QPSK	1	0	20.73	20.97	20.96	22.00
		1	7	20.78	20.76	20.76	22.00
		1	14	20.82	20.95	20.90	22.00
		8	0	20.89	20.84	20.65	22.00
		8	4	20.65	20.84	20.73	22.00
		8	7	20.80	20.88	20.80	22.00
		15	0	20.75	20.83	20.87	22.00
	16QAM	1	0	20.90	20.82	20.87	22.00
		1	7	20.89	20.87	20.80	22.00
		1	14	20.82	20.94	20.90	22.00
		8	0	20.83	20.83	20.73	22.00
		8	4	20.72	20.90	20.69	22.00
		8	7	20.68	20.79	20.71	22.00
		15	0	20.71	20.73	20.61	22.00
	64QAM	1	0	20.74	20.84	20.58	22.00
		1	7	20.86	20.85	20.85	22.00
		1	14	20.78	20.83	20.77	22.00
		8	0	20.73	20.79	20.80	22.00
		8	4	20.79	20.79	20.66	22.00
		8	7	20.71	20.93	20.68	22.00
		15	0	20.85	20.75	20.68	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				20425	20525	20625	
5MHz	QPSK	1	0	20.75	21.01	20.81	22.00
		1	13	20.78	20.87	20.73	22.00
		1	24	20.80	20.93	20.79	22.00
		12	0	20.73	20.91	20.77	22.00
		12	6	20.64	20.75	20.61	22.00
		12	13	20.94	20.82	20.77	22.00
		25	0	20.81	20.78	20.76	22.00
	16QAM	1	0	20.81	20.83	20.78	22.00
		1	13	20.88	20.92	20.69	22.00
		1	24	20.80	20.83	20.80	22.00
		12	0	20.72	20.85	20.74	22.00
		12	6	20.78	20.90	20.76	22.00
		12	13	20.80	20.78	20.76	22.00
		25	0	20.66	20.87	20.64	22.00
	64QAM	1	0	20.71	20.78	20.73	22.00
		1	13	20.74	20.93	20.79	22.00
		1	24	20.71	20.85	20.82	22.00
		12	0	20.74	20.85	20.68	22.00
		12	6	20.76	20.76	20.67	22.00
		12	13	20.62	20.86	20.66	22.00
		25	0	20.71	20.83	20.72	22.00
Bandwidth	Modulation	RB size	RB offset	Channel 20450	Channel 20525	Channel 20600	Tune up
10MHz	QPSK	1	0	20.74	20.93	20.89	22.00
		1	25	20.80	20.81	20.75	22.00
		1	49	20.86	20.94	20.83	22.00
		25	0	20.81	20.84	20.71	22.00
		25	13	20.67	20.78	20.66	22.00
		25	25	20.86	20.85	20.74	22.00
		50	0	20.76	20.75	20.79	22.00
	16QAM	1	0	20.82	20.84	20.81	22.00
		1	25	20.87	20.92	20.77	22.00
		1	49	20.87	20.91	20.82	22.00
		25	0	20.78	20.85	20.70	22.00
		25	13	20.73	20.82	20.69	22.00
		25	25	20.76	20.85	20.68	22.00
		50	0	20.68	20.80	20.68	22.00
	64QAM	1	0	20.75	20.78	20.65	22.00
		1	25	20.79	20.85	20.83	22.00
		1	49	20.79	20.84	20.80	22.00
		25	0	20.72	20.84	20.73	22.00
		25	13	20.75	20.84	20.60	22.00
		25	25	20.68	20.85	20.61	22.00
		50	0	20.77	20.75	20.72	22.00

LTE Band 5 DSI 5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20407	20525	20643	
1.4MHz	QPSK	1	0	19.81	19.90	19.82	21.00
		1	2	19.69	19.92	19.81	21.00
		1	5	19.84	20.08	19.89	21.00
		3	0	19.76	19.86	19.70	21.00
		3	2	19.64	19.76	19.59	21.00
		3	3	19.88	19.81	19.69	21.00
		6	0	19.78	19.64	19.83	21.00
	16QAM	1	0	19.84	19.81	19.83	21.00
		1	2	19.83	19.89	19.64	21.00
		1	5	19.90	19.99	19.81	21.00
		3	0	19.65	19.96	19.74	21.00
		3	2	19.75	19.85	19.75	21.00
		3	3	19.74	19.86	19.75	21.00
		6	0	19.73	19.84	19.60	21.00
	64QAM	1	0	19.86	19.87	19.66	21.00
		1	2	19.91	19.85	19.86	21.00
		1	5	19.77	19.81	19.70	21.00
		3	0	19.68	19.74	19.71	21.00
		3	2	19.77	19.85	19.59	21.00
		3	3	19.67	19.96	19.56	21.00
		6	0	19.67	19.67	19.73	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
3MHz	QPSK	1	0	19.76	19.93	19.91	21.00
		1	7	19.69	19.90	19.80	21.00
		1	14	19.85	20.05	19.86	21.00
		8	0	19.81	19.93	19.63	21.00
		8	4	19.61	19.69	19.68	21.00
		8	7	19.96	19.81	19.65	21.00
		15	0	19.64	19.76	19.73	21.00
	16QAM	1	0	19.83	19.78	19.78	21.00
		1	7	19.87	19.95	19.72	21.00
		1	14	19.87	20.00	19.88	21.00
		8	0	19.72	19.94	19.66	21.00
		8	4	19.62	19.86	19.65	21.00
		8	7	19.88	19.87	19.76	21.00
		15	0	19.69	19.78	19.64	21.00
	64QAM	1	0	19.87	19.83	19.65	21.00
		1	7	19.89	19.85	19.89	21.00
		1	14	19.71	19.81	19.72	21.00
		8	0	19.67	19.90	19.66	21.00
		8	4	19.69	19.83	19.70	21.00
		8	7	19.67	19.94	19.54	21.00
		15	0	19.69	19.63	19.77	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				20425	20525	20625	
5MHz	QPSK	1	0	19.78	19.92	19.85	21.00
		1	13	19.83	19.80	19.75	21.00
		1	24	19.82	20.08	19.90	21.00
		12	0	19.69	19.84	19.67	21.00
		12	6	19.66	19.80	19.66	21.00
		12	13	19.85	19.88	19.67	21.00
		25	0	19.65	19.65	19.72	21.00
	16QAM	1	0	19.79	19.80	19.81	21.00
		1	13	19.85	19.93	19.80	21.00
		1	24	19.75	19.95	19.83	21.00
		12	0	19.68	19.92	19.67	21.00
		12	6	19.62	19.75	19.75	21.00
		12	13	19.83	19.87	19.64	21.00
		25	0	19.72	19.76	19.67	21.00
	64QAM	1	0	19.73	19.71	19.69	21.00
		1	13	19.92	19.85	19.89	21.00
		1	24	19.68	19.77	19.72	21.00
		12	0	19.77	19.90	19.62	21.00
		12	6	19.81	19.82	19.67	21.00
		12	13	19.64	19.97	19.64	21.00
		25	0	19.68	19.72	19.67	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 20450	Channel 20525	Channel 20600	Tune up
10MHz	QPSK	1	0	19.73	19.93	19.89	21.00
		1	25	19.77	19.87	19.79	21.00
		1	49	19.87	20.00	19.82	21.00
		25	0	19.76	19.85	19.66	21.00
		25	13	19.62	19.74	19.67	21.00
		25	25	19.92	19.81	19.68	21.00
		50	0	19.72	19.72	19.75	21.00
	16QAM	1	0	19.85	19.78	19.82	21.00
		1	25	19.82	19.96	19.72	21.00
		1	49	19.83	19.94	19.82	21.00
		25	0	19.73	19.88	19.68	21.00
		25	13	19.69	19.79	19.73	21.00
		25	25	19.81	19.85	19.70	21.00
		50	0	19.71	19.80	19.62	21.00
	64QAM	1	0	19.80	19.79	19.63	21.00
		1	25	19.85	19.81	19.89	21.00
		1	49	19.73	19.81	19.77	21.00
		25	0	19.71	19.82	19.68	21.00
		25	13	19.77	19.90	19.63	21.00
		25	25	19.72	19.89	19.56	21.00
		50	0	19.72	19.70	19.70	21.00

LTE Band 5 DSI 7				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20407	20525	20643	
1.4MHz	QPSK	1	0	16.74	16.97	16.87	18.00
		1	2	16.77	16.80	16.85	18.00
		1	5	16.84	17.01	16.89	18.00
		3	0	16.69	16.80	16.62	18.00
		3	2	16.71	16.64	16.65	18.00
		3	3	16.97	16.76	16.68	18.00
		6	0	16.67	16.77	16.75	18.00
	16QAM	1	0	16.95	16.76	16.85	18.00
		1	2	16.91	16.91	16.57	18.00
		1	5	16.80	16.92	16.81	18.00
		3	0	16.63	16.80	16.57	18.00
		3	2	16.73	16.81	16.77	18.00
		3	3	16.86	16.84	16.55	18.00
		6	0	16.84	16.66	16.47	18.00
	64QAM	1	0	16.87	16.73	16.56	18.00
		1	2	16.75	16.87	16.96	18.00
		1	5	16.79	16.86	16.85	18.00
		3	0	16.71	16.71	16.62	18.00
		3	2	16.91	16.97	16.61	18.00
		3	3	16.66	16.88	16.54	18.00
		6	0	16.77	16.69	16.72	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
3MHz	QPSK	1	0	16.89	16.92	16.96	18.00
		1	7	16.75	16.79	16.76	18.00
		1	14	16.79	17.03	16.96	18.00
		8	0	16.68	16.79	16.66	18.00
		8	4	16.61	16.77	16.72	18.00
		8	7	16.99	16.72	16.64	18.00
		15	0	16.62	16.75	16.82	18.00
	16QAM	1	0	16.92	16.80	16.79	18.00
		1	7	16.92	16.99	16.72	18.00
		1	14	16.86	16.85	16.88	18.00
		8	0	16.78	16.83	16.73	18.00
		8	4	16.64	16.79	16.75	18.00
		8	7	16.75	16.73	16.55	18.00
		15	0	16.77	16.77	16.48	18.00
	64QAM	1	0	16.80	16.73	16.67	18.00
		1	7	16.82	16.83	16.91	18.00
		1	14	16.84	16.78	16.76	18.00
		8	0	16.72	16.76	16.62	18.00
		8	4	16.77	16.90	16.71	18.00
		8	7	16.63	16.88	16.48	18.00
		15	0	16.67	16.61	16.74	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				20425	20525	20625	
5MHz	QPSK	1	0	16.80	17.01	16.83	18.00
		1	13	16.78	16.81	16.79	18.00
		1	24	16.81	17.06	16.87	18.00
		12	0	16.67	16.83	16.77	18.00
		12	6	16.59	16.68	16.62	18.00
		12	13	16.90	16.71	16.62	18.00
		25	0	16.68	16.72	16.79	18.00
	16QAM	1	0	16.81	16.80	16.82	18.00
		1	13	16.83	16.84	16.71	18.00
		1	24	16.84	16.85	16.82	18.00
		12	0	16.66	16.78	16.68	18.00
		12	6	16.79	16.83	16.75	18.00
		12	13	16.77	16.72	16.58	18.00
		25	0	16.83	16.81	16.48	18.00
	64QAM	1	0	16.73	16.81	16.58	18.00
		1	13	16.89	16.78	16.93	18.00
		1	24	16.78	16.85	16.81	18.00
		12	0	16.71	16.68	16.61	18.00
		12	6	16.81	16.99	16.64	18.00
		12	13	16.71	16.92	16.54	18.00
		25	0	16.72	16.62	16.71	18.00
Bandwidth	Modulation	RB size	RB offset	Channel 20450	Channel 20525	Channel 20600	Tune up
10MHz	QPSK	1	0	16.81	16.97	16.88	18.00
		1	25	16.78	16.82	16.80	18.00
		1	49	16.85	17.05	16.88	18.00
		25	0	16.69	16.79	16.69	18.00
		25	13	16.67	16.69	16.68	18.00
		25	25	16.91	16.76	16.69	18.00
		50	0	16.69	16.77	16.79	18.00
	16QAM	1	0	16.88	16.80	16.86	18.00
		1	25	16.85	16.92	16.64	18.00
		1	49	16.85	16.89	16.80	18.00
		25	0	16.70	16.84	16.65	18.00
		25	13	16.72	16.87	16.73	18.00
		25	25	16.79	16.77	16.62	18.00
		50	0	16.79	16.73	16.55	18.00
	64QAM	1	0	16.81	16.78	16.61	18.00
		1	25	16.83	16.82	16.88	18.00
		1	49	16.79	16.79	16.77	18.00
		25	0	16.70	16.75	16.68	18.00
		25	13	16.83	16.96	16.69	18.00
		25	25	16.71	16.84	16.53	18.00
		50	0	16.74	16.65	16.77	18.00

LTE Band 7 DSI 6				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	17.37	17.38	17.38	18.50
		1	13	17.34	17.18	17.29	18.50
		1	24	17.33	17.29	17.48	18.50
		12	0	17.41	17.24	17.33	18.50
		12	6	17.33	17.24	17.39	18.50
		12	13	17.24	17.27	17.28	18.50
		25	0	17.30	17.21	17.31	18.50
	16QAM	1	0	17.39	17.40	17.54	18.50
		1	13	17.44	17.30	17.34	18.50
		1	24	17.43	17.34	17.39	18.50
		12	0	17.21	17.26	17.30	18.50
		12	6	17.28	17.20	17.31	18.50
		12	13	17.26	17.32	17.30	18.50
		25	0	17.33	17.19	17.35	18.50
	64QAM	1	0	17.42	17.38	17.37	18.50
		1	13	17.30	17.33	17.25	18.50
		1	24	17.41	17.32	17.44	18.50
		12	0	17.33	17.24	17.25	18.50
		12	6	17.37	17.22	17.36	18.50
		12	13	17.30	17.27	17.26	18.50
		25	0	17.38	17.33	17.22	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	17.24	17.26	17.27	18.50
		1	25	17.24	17.20	17.34	18.50
		1	49	17.39	17.38	17.47	18.50
		25	0	17.39	17.36	17.24	18.50
		25	13	17.34	17.32	17.34	18.50
		25	25	17.26	17.33	17.36	18.50
		50	0	17.24	17.35	17.26	18.50
	16QAM	1	0	17.31	17.39	17.52	18.50
		1	25	17.34	17.34	17.34	18.50
		1	49	17.39	17.45	17.47	18.50
		25	0	17.28	17.30	17.29	18.50
		25	13	17.31	17.30	17.37	18.50
		25	25	17.37	17.19	17.27	18.50
		50	0	17.28	17.33	17.28	18.50
	64QAM	1	0	17.35	17.26	17.41	18.50
		1	25	17.34	17.31	17.35	18.50
		1	49	17.35	17.29	17.29	18.50
		25	0	17.37	17.20	17.37	18.50
		25	13	17.35	17.24	17.27	18.50
		25	25	17.35	17.30	17.37	18.50
		50	0	17.32	17.19	17.31	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	

				20825	21100	21375	
15MHz	QPSK	1	0	17.25	17.34	17.37	18.50
		1	38	17.37	17.32	17.27	18.50
		1	74	17.34	17.31	17.44	18.50
		36	0	17.28	17.29	17.33	18.50
		36	18	17.38	17.20	17.30	18.50
		36	39	17.22	17.31	17.29	18.50
		75	0	17.33	17.26	17.36	18.50
	16QAM	1	0	17.47	17.44	17.53	18.50
		1	38	17.41	17.31	17.43	18.50
		1	74	17.49	17.35	17.51	18.50
		36	0	17.26	17.22	17.32	18.50
		36	18	17.32	17.28	17.37	18.50
		36	39	17.33	17.27	17.35	18.50
		75	0	17.31	17.33	17.33	18.50
	64QAM	1	0	17.39	17.26	17.33	18.50
		1	38	17.32	17.29	17.35	18.50
		1	74	17.32	17.36	17.31	18.50
		36	0	17.25	17.28	17.26	18.50
		36	18	17.24	17.34	17.37	18.50
		36	39	17.35	17.34	17.26	18.50
		75	0	17.32	17.20	17.30	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	17.32	17.31	17.34	18.50
		1	50	17.29	17.26	17.30	18.50
		1	99	17.35	17.33	17.40	18.50
		50	0	17.33	17.28	17.32	18.50
		50	25	17.32	17.26	17.33	18.50
		50	50	17.30	17.25	17.31	18.50
		100	0	17.31	17.27	17.34	18.50
	16QAM	1	0	17.39	17.38	17.46	18.50
		1	50	17.36	17.33	17.40	18.50
		1	99	17.42	17.39	17.47	18.50
		50	0	17.27	17.25	17.28	18.50
		50	25	17.26	17.24	17.32	18.50
		50	50	17.31	17.26	17.34	18.50
		100	0	17.28	17.27	17.36	18.50
	64QAM	1	0	17.38	17.34	17.37	18.50
		1	50	17.29	17.28	17.31	18.50
		1	99	17.33	17.32	17.36	18.50
		50	0	17.31	17.28	17.32	18.50
		50	25	17.30	17.26	17.32	18.50
		50	50	17.32	17.27	17.31	18.50
		100	0	17.30	17.25	17.30	18.50

LTE Band 7 DSI 5				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	15.75	15.73	15.88	17.00
		1	13	15.89	15.81	15.81	17.00
		1	24	15.97	15.70	15.97	17.00
		12	0	15.86	15.74	15.87	17.00
		12	6	15.92	15.71	15.80	17.00
		12	13	15.85	15.74	15.73	17.00
		25	0	15.74	15.86	15.93	17.00
	16QAM	1	0	15.99	15.89	15.94	17.00
		1	13	15.96	15.80	15.92	17.00
		1	24	15.80	15.90	15.93	17.00
		12	0	15.79	15.70	15.85	17.00
		12	6	15.88	15.81	15.73	17.00
		12	13	15.88	15.80	15.87	17.00
		25	0	15.88	15.76	15.92	17.00
	64QAM	1	0	15.86	15.80	15.96	17.00
		1	13	15.81	15.88	15.78	17.00
		1	24	15.85	15.84	15.91	17.00
		12	0	15.75	15.76	15.78	17.00
		12	6	15.80	15.72	15.80	17.00
		12	13	15.88	15.71	15.91	17.00
		25	0	15.78	15.70	15.71	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	15.73	15.83	15.84	17.00
		1	25	15.85	15.77	15.83	17.00
		1	49	15.88	15.81	15.85	17.00
		25	0	15.82	15.74	15.88	17.00
		25	13	15.84	15.77	15.76	17.00
		25	25	15.71	15.77	15.72	17.00
		50	0	15.80	15.81	15.78	17.00
	16QAM	1	0	15.98	15.91	15.91	17.00
		1	25	15.82	15.88	15.81	17.00
		1	49	15.89	15.91	15.95	17.00
		25	0	15.70	15.81	15.86	17.00
		25	13	15.87	15.84	15.71	17.00
		25	25	15.81	15.73	15.76	17.00
		50	0	15.76	15.78	15.94	17.00
	64QAM	1	0	15.89	15.82	15.95	17.00
		1	25	15.83	15.86	15.81	17.00
		1	49	15.81	15.76	15.88	17.00
		25	0	15.71	15.78	15.72	17.00
		25	13	15.87	15.69	15.80	17.00
		25	25	15.90	15.83	15.81	17.00
		50	0	15.74	15.62	15.78	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				20825	21100	21375	
15MHz	QPSK	1	0	15.80	15.74	15.78	17.00
		1	38	15.79	15.79	15.81	17.00
		1	74	15.96	15.74	15.88	17.00
		36	0	15.89	15.67	15.86	17.00
		36	18	15.87	15.84	15.84	17.00
		36	39	15.76	15.85	15.69	17.00
		75	0	15.81	15.85	15.89	17.00
	16QAM	1	0	15.89	15.87	15.99	17.00
		1	38	15.94	15.78	15.97	17.00
		1	74	15.78	15.92	16.00	17.00
		36	0	15.84	15.70	15.91	17.00
		36	18	15.74	15.73	15.76	17.00
		36	39	15.92	15.85	15.83	17.00
		75	0	15.83	15.83	15.85	17.00
	64QAM	1	0	15.95	15.85	15.87	17.00
		1	38	15.84	15.75	15.68	17.00
		1	74	15.83	15.77	15.95	17.00
		36	0	15.85	15.83	15.80	17.00
		36	18	15.86	15.78	15.75	17.00
		36	39	15.94	15.79	15.79	17.00
		75	0	15.79	15.67	15.76	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	15.80	15.81	15.83	17.00
		1	50	15.84	15.82	15.83	17.00
		1	99	15.89	15.78	15.91	17.00
		50	0	15.86	15.74	15.81	17.00
		50	25	15.88	15.77	15.83	17.00
		50	50	15.79	15.77	15.76	17.00
		100	0	15.81	15.80	15.85	17.00
	16QAM	1	0	15.91	15.89	15.94	17.00
		1	50	15.88	15.86	15.89	17.00
		1	99	15.86	15.91	15.98	17.00
		50	0	15.77	15.73	15.83	17.00
		50	25	15.82	15.78	15.77	17.00
		50	50	15.84	15.79	15.83	17.00
		100	0	15.81	15.83	15.90	17.00
	64QAM	1	0	15.88	15.81	15.90	17.00
		1	50	15.82	15.82	15.75	17.00
		1	99	15.82	15.78	15.87	17.00
		50	0	15.79	15.76	15.77	17.00
		50	25	15.79	15.71	15.76	17.00
		50	50	15.86	15.75	15.87	17.00
		100	0	15.79	15.69	15.77	17.00

LTE Band 7 DSI 8				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	14.30	14.24	14.29	15.50
		1	13	14.22	14.43	14.34	15.50
		1	24	14.46	14.32	14.46	15.50
		12	0	14.35	14.21	14.26	15.50
		12	6	14.49	14.26	14.31	15.50
		12	13	14.34	14.28	14.29	15.50
		25	0	14.28	14.35	14.23	15.50
	16QAM	1	0	14.42	14.30	14.49	15.50
		1	13	14.33	14.34	14.47	15.50
		1	24	14.30	14.28	14.48	15.50
		12	0	14.31	14.31	14.22	15.50
		12	6	14.27	14.34	14.34	15.50
		12	13	14.30	14.22	14.35	15.50
		25	0	14.25	14.44	14.44	15.50
	64QAM	1	0	14.29	14.29	14.32	15.50
		1	13	14.25	14.38	14.19	15.50
		1	24	14.26	14.33	14.27	15.50
		12	0	14.27	14.20	14.33	15.50
		12	6	14.34	14.28	14.17	15.50
		12	13	14.34	14.36	14.46	15.50
		25	0	14.32	14.19	14.27	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	14.25	14.22	14.34	15.50
		1	25	14.25	14.28	14.28	15.50
		1	49	14.40	14.33	14.42	15.50
		25	0	14.25	14.33	14.36	15.50
		25	13	14.48	14.25	14.33	15.50
		25	25	14.24	14.17	14.29	15.50
		50	0	14.23	14.30	14.34	15.50
	16QAM	1	0	14.45	14.37	14.36	15.50
		1	25	14.32	14.28	14.40	15.50
		1	49	14.28	14.32	14.37	15.50
		25	0	14.30	14.35	14.35	15.50
		25	13	14.21	14.37	14.33	15.50
		25	25	14.29	14.24	14.33	15.50
		50	0	14.26	14.37	14.42	15.50
	64QAM	1	0	14.42	14.33	14.46	15.50
		1	25	14.36	14.33	14.24	15.50
		1	49	14.33	14.23	14.34	15.50
		25	0	14.33	14.32	14.41	15.50
		25	13	14.36	14.27	14.23	15.50
		25	25	14.33	14.23	14.41	15.50
		50	0	14.26	14.30	14.24	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up