Full Power Mode

2CA DL

Configure		PCC									SCC					Power	
		LTE Band	Antenna Port	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	DL Antenna Configuration	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	DL Antenna Configuration	With CA Tx. Power (dBm)	Without CA Tx. Power (dBm)
Inter-Band	CA_5A-41A	Band 5	1	10M	836.5	20525	QPSK	1	0		Band 41	20M	2593	40620	4x4MIMO	22.91	23.10
		Band 5	2	10M	836.5	20525	QPSK	1	0		Band 41	20M	2593	40620	4x4MIMO	22.14	22.45
		Band 41	1	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		22.49	22.75
	CA_25A-41A	Band 25	1	20M	1880	26340	QPSK	1	0	4x4MIMO	Band 41	20M	2593	40620	4x4MIMO	23.16	23.45
		Band 41	1	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 25	20M	1960	8340	4x4MIMO	22.51	22.75
	CA_26A-41A	Band 26	1	15M	831.5	26865	QPSK	1	0		Band 41	20M	2593	40620	4x4MIMO	23.01	23.22
		Band 41	1	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 26	15M	876.5	8865		22.42	22.75

3CA DL

Configure		PCC									SCC1					SCC2					Power	
		LTE Band	Antenna Port	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	DL Antenna Configuration	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	DL Antenna Configuration	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	DL Antenna Configuration	With CA Tx. Power (dBm)	Without CA Tx. Power (dBm)
Inter-Band	CA_2A-4A-29A	Band 2	1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO	Band 29	10M	722.5	9715		22.61	22.9
		Band 2	2	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO	Band 29	10M	722.5	9715		21.48	21.89
		Band 4	1	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 29	10M	722.5	9715		Band 2	20M	1960	900	4x4MIMO	22.44	22.7
		Band 4	2	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 29	10M	722.5	9715		Band 2	20M	1960	900	4x4MIMO	21.38	21.78
	CA_2A-4A-30A	Band 2	1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO	Band 30	10M	2355	9820	4x4MIMO	22.59	22.9
		Band 2	2	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO	Band 30	10M	2355	9820	4x4MIMO	21.46	21.89
		Band 4	1	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 30	10M	2355	9820	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	22.51	22.7
		Band 4	2	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 30	10M	2355	9820	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	21.67	21.78
		Band 30	1	10M	2310	27710	QPSK	1	0	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO	23.22	23.59
		Band 30	2	10M	2310	27710	QPSK	1	0	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO	21.73	21.85
	CA_2A-29A-66A	Band 2	1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 29	10M	722.5	9715		Band 66	20M	2155	66886	4x4MIMO	22.68	22.9
		Band 2	2	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 29	10M	722.5	9715		Band 66	20M	2155	66886	4x4MIMO	21.62	21.89
		Band 66	1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	Band 29	10M	722.5	9715		22.49	22.71
		Band 66	2	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	Band 29	10M	722.5	9715		21.44	21.8

Configure		PCC									SCC1					SCC2					Power	
		LTE Band	Antenna Port	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	DL Antenna Configuration	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	DL Antenna Configuration	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	DL Antenna Configuration	With CA Tx. Power (dBm)	Without CA Tx. Power (dBm)
Inter-Band	CA_2C-12A	Band 2	1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	20M	1979.8	1098	4x4MIMO	Band 12	10M	737.5	5095		22.56	22.9
		Band 2	2	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	20M	1979.8	1098	4x4MIMO	Band 12	10M	737.5	5095		21.48	21.89
		Band 12	1	10M	707.5	23095	QPSK	1	0		Band 2	20M	1960	900	4x4MIMO	Band 2	20M	1979.8	1098	4x4MIMO	22.96	23.28
		Band 12	2	10M	707.5	23095	QPSK	1	0		Band 2	20M	1960	900	4x4MIMO	Band 2	20M	1979.8	1098	4x4MIMO	22.24	22.49
	CA_4A-4A-71A	Band 4	1	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	Band 71	20M	637	68786		22.4	22.7
		Band 4	2	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	Band 71	20M	637	68786		21.38	21.78
		Band 71	1	20M	683	133322	QPSK	1	0		Band 4	20M	2132.5	2175	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	23.01	23.33
	CA_25A-25A-26A	Band 25	1	20M	1880	26340	QPSK	1	0	4x4MIMO	Band 25	5M	1992.5	8665	4x4MIMO	Band 26	15M	876.5	8865		23.06	23.45
		Band 26	1	15M	831.5	26865	QPSK	1	0		Band 25	20M	1960	8340	4x4MIMO	Band 25	5M	1992.5	8665	4x4MIMO	22.95	23.22
	CA_25A-41C	Band 25	1	20M	1880	26340	QPSK	1	0	4x4MIMO	Band 41	20M	2593	40620	4x4MIMO	Band 41	20M	2612.8	40818	4x4MIMO	23.12	23.45
		Band 41	1	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	20M	2612.8	40818	4x4MIMO	Band 25	20M	1960	8340	4x4MIMO	22.42	22.75
	CA_26A-41C	Band 26	1	15M	831.5	26865	QPSK	1	0		Band 41	20M	2593	40620	4x4MIMO	Band 41	20M	2612.8	40818	4x4MIMO	23.01	23.22
		Band 41	1	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	20M	2612.8	40818	4x4MIMO	Band 26	15M	876.5	8865		22.34	22.75
	CA_41A-41A-41A	Band 41	1	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	5M	2687.5	41565	4x4MIMO	Band 41	20M	2506	39750	4x4MIMO	22.51	22.75
	CA_41A-41A-41A	Band 41	1	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	5M	2687.5	41565	4x4MIMO	Band 41	20M	2510	39790	4x4MIMO	22.46	22.75
	CA_66A-66B	Band 66	1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2112.5	66461	4x4MIMO	Band 66	15M	2121.8	66554	4x4MIMO	22.56	22.71
		Band 66	2	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2112.5	66461	4x4MIMO	Band 66	15M	2121.8	66554	4x4MIMO	21.62	21.8
		Band 66	1	15M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2164.3	66979	4x4MIMO	Band 66	20M	2120	66536	4x4MIMO	22.48	22.71
		Band 66	2	15M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2164.3	66979	4x4MIMO	Band 66	20M	2120	66536	4x4MIMO	21.49	21.8
	CA_66A-66C	Band 66	1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2112.5	66461	4x4MIMO	Band 66	20M	2124.2	66578	4x4MIMO	22.53	22.71
		Band 66	2	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2112.5	66461	4x4MIMO	Band 66	20M	2124.2	66578	4x4MIMO	21.52	21.8
		Band 66	1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	20M	2174.8	67084	4x4MIMO	Band 66	5M	2112.5	66461	4x4MIMO	22.41	22.71
		Band 66	2	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	20M	2174.8	67084	4x4MIMO	Band 66	5M	2112.5	66461	4x4MIMO	21.59	21.8

4CA DL

Configure		PCC									SCC1					SCC2					SCC3					Power	
		LTE Band	Antenna Port	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	DL Antenna Configuration	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	DL Antenna Configuration	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	DL Antenna Configuration	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	DL Antenna Configuration	With CA Tx. Power (dBm)	Without CA Tx. Power (dBm)
Inter-Band	CA_2A-2A-4A-4A	Band 2	1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	22.59	22.9
		Band 2	2	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	21.73	21.89
		Band 4	1	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	22.45	22.7
		Band 4	2	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	21.57	21.78
	CA_2A-2A-4A-5A	Band 2	1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO	Band 5	10M	881.5	2525		22.57	22.9
		Band 2	2	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO	Band 5	10M	881.5	2525		21.68	21.89
		Band 4	1	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	Band 5	10M	881.5	2525		22.42	22.7
		Band 4	2	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	Band 5	10M	881.5	2525		21.56	21.78
		Band 5	1	10M	836.5	20525	QPSK	1	0		Band 4	20M	2132.5	2175	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	22.69	23.10
		Band 5	2	10M	836.5	20525	QPSK	1	0		Band 4	20M	2132.5	2175	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	22.23	22.45
	CA_2A-2A-4A-12A	Band 2	1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO	Band 12	10M	737.5	5095		22.61	22.9
		Band 2	2	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO	Band 12	10M	737.5	5095		21.61	21.89
		Band 4	1	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 12	10M	737.5	5095		Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	22.33	22.7
		Band 4	2	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 12	10M	737.5	5095		Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	21.58	21.78
		Band 12	1	10M	707.5	23095	QPSK	1	0		Band 4	20M	2132.5	2175	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	22.93	23.28
		Band 12	2	10M	707.5	23095	QPSK	1	0		Band 4	20M	2132.5	2175	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	22.25	22.49
	CA_2A-2A-4A-71A	Band 2	1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO	Band 71	20M	637	68786		22.55	22.9
		Band 2	2	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO	Band 71	20M	637	68786		21.63	21.89
		Band 4	1	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 71	20M	637	68786		Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	22.36	22.7
		Band 4	2	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 71	20M	637	68786		Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	21.54	21.78
		Band 71	1	20M	683	133322	QPSK	1	0		Band 4	20M	2132.5	2175	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	22.87	23.33
	CA_2A-2A-5B	Band 2	1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 5	10M	881.5	2525		Band 5	5M	881.2	2597		22.65	22.9
		Band 2	2	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 5	10M	881.5	2525		Band 5	5M	881.2	2597		21.60	21.89
		Band 5	1	10M	836.5	20525	QPSK	1	0		Band 5	5M	881.2	2597		Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	22.77	23.10
		Band 5	2	10M	836.5	20525	QPSK	1	0		Band 5	5M	881.2	2597		Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	22.05	22.45
	CA_2A-2A-5A-30A	Band 2	1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 5	10M	881.5	2525		Band 30	10M	2355	9820	4x4MIMO	22.68	22.9
		Band 2	2	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 5	10M	881.5	2525		Band 30	10M	2355	9820	4x4MIMO	21.54	21.89
		Band 5	1	10M	836.5	20525	QPSK	1	0		Band 30	10M	2355	9820	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	22.86	23.10
		Band 5	2	10M	836.5	20525	QPSK	1	0		Band 30	10M	2355	9820	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	22.10	22.45
		Band 30	1	10M	2310	27710	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	23.33	23.59
		Band 30	2	10M	2310	27710	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	21.54	21.85
	CA_2A-2A-5A-66A	Band 2	1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 5	10M	881.5	2525		Band 66	20M	2155	66886	4x4MIMO	22.68	22.9
		Band 2	2	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 5	10M	881.5	2525		Band 66	20M	2155	66886	4x4MIMO	21.48	21.89
		Band 5	1	10M	836.5	20525	QPSK	1	0		Band 66	20M	2155	66886	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	22.88	23.10
		Band 5	2	10M	836.5	20525	QPSK	1	0		Band 66	20M	2155	66886	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	22.14	22.45
		Band 66	1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	22.43	22.71
		Band 66	2	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	21.43	21.8
	CA_2A-2A-12A-30A	Band 2	1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 12	10M	737.5	5095		Band 30	10M	2355	9820	4x4MIMO	22.70	22.9
		Band 2	2	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 12	10M	737.5	5095		Band 30	10M	2355	9820	4x4MIMO	21.54	21.89
		Band 12	1	10M	707.5	23095	QPSK	1	0		Band 30	10M	2355	9820	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	23.04	23.28
		Band 12	2	10M	707.5	23095	QPSK	1	0		Band 30	10M	2355	9820	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	22.14	22.49
		Band 30	1	10M	2310	27710	QPSK	1	0	4x4MIMO	Band 12	10M	737.5	5095		Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	23.33	23.59
		Band 30	2	10M	2310	27710	QPSK	1	0	4x4MIMO	Band 12	10M	737.5	5095		Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	21.54	21.85
	CA_2A-2A-12A-66A	Band 2	1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 12	10M	737.5	5095		Band 66	20M	2155	66886	4x4MIMO	22.68	22.9
		Band 2	2	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 12	10M	737.5	5095		Band 66	20M	2155	66886	4x4MIMO	21.48	21.89
		Band 12	1	10M	707.5	23095	QPSK	1	0		Band 66	20M	2155	66886	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	23.06	23.28
		Band 12	2	10M	707.5	23095	QPSK	1	0		Band 66	20M	2155	66886	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	22.20	22.49
		Band 66	1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 12	10M	737.5	5095		Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	22.43	22.71
		Band 66	2	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 12	10M	737.5	5095		Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	21.40	21.8
	CA_2A-2A-14A-30A	Band 2	1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 14	10M	763	5330		Band 30	10M	2355	9820	4x4MIMO	22.70	22.9
		Band 2	2	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 14	10M	763	5330		Band 30	10M	2355	9820	4x4MIMO	21.54	21.89
		Band 14	1	10M	793	23330	QPSK	1	0		Band 30	10M	2355	9820	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	22.71	22.95
		Band 30	1	10M	2310	27710	QPSK	1	0	4x4MIMO	Band 14	10M	763	5330		Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	23.24	23.59
		Band 30	2	10M	2310	27710	QPSK	1	0	4x4MIMO	Band 14	10M	763	5330		Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	21.59	21.85
	CA_2A-2A-14A-66A	Band 2	1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 14	10M	763	5330		Band 66	20M	2155	66886	4x4MIMO	22.59	22.9
		Band 2	2	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 14	10M	763	5330		Band 66	20M	2155	66886	4x4MIMO	21.67	21.89
		Band 14	1	10M	793	23330	QPSK	1	0		Band 66	20M	2155	66886	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	22.54	22.95
		Band 66	1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 14	10M	763	5330		Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	22.49	22.71
		Band 66	2	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 14	10M	763	5330		Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	21.51	21.8
	CA_2A-2A-29A-30A	Band 2	1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 29	10M	722.5	9715		Band 30	10M	2355	9820	4x4MIMO	22.62	22.9
		Band 2	2	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 29	10M	722.5	9715		Band 30	10M	2355	9820	4x4MIMO	21.52	21.89
		Band 30	1	10M	2310	27710	QPSK	1	0	4x4MIMO	Band 29	10M	722.5	9715		Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	23.39	23.59
		Band 30	2	10M	2310	27710	QPSK	1	0	4x4MIMO	Band 29	10M	722.5	9715		Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	21.45	21.85
	CA_2A-2A-30A-66A	Band 2	1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 30	10M	2355	9820	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	22.63	22.9
		Band 2	2	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 30	10M	2355	9820	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	21.52	21.89
		Band 30	1	10M	2310	27710	QPSK	1	0	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	23.28	23.59
		Band 30	2	10M	2310	27710	QPSK	1	0	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	21.51	21.85
		Band 66	1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 30	10M	2355	9820	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	22.49	22.71
		Band 66	2	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 30	10M	2355	9820	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	21.39	21.8
	CA_2C-66A-66A	Band 2	1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	20M	1979.8	1098	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	22.68	22.9
		Band 2	2	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	20M	1979.8	1098	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	21.58	21.89
		Band 66	1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 2	20M	900	1960	4x4MIMO	Band 2	20M	1979.8	1098	4x4MIMO	22.38	22.71
		Band 66	2	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 2	20M	900	1960	4x4MIMO	Band 2	20M	1979.8	1098	4x4MIMO	21.40	21.8
	CA_2A-2A-66B	Band 2	1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 66	15M	2155	66886	4x4MIMO	Band 66	5M	2164.3	66979	4x4MIMO	22.68	22.9
		Band 2	2	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 66	15M	2155	66886	4x4MIMO	Band 66	5M	2164.3	66979	4x4MIMO	21.44	21.89
		Band 66	1	15M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2164.3	66979	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	22.44	22.71
		Band 66	2	15M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2164.3	66979	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	21.43	21.8
	CA_2A-2A-66C	Band 2	1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 66	20M	2174.8	2353	4x4MIMO	22.59	22.9
		Band 2	2	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 66	20M	2174.8	2353	4x4MIMO	21.55	21.89
		Band 66	1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	20M	2174.8	2353	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	22.47	22.71
		Band 66	2	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	20M	2174.8	2353	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	21.34	21.8
	CA_2A-2A-66A-66A	Band 2	1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	22.68	22.9
		Band 2	2	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	21.60	21.89
		Band 66	1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	22.38	22.71
		Band 66	2	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	21.40	21.8
	CA_2A-2A-66A-71A	Band 2	1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 71	20M	637	68786		22.68	22.9
		Band 2	2	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 71	20M	637	68786		21.49	21.89
		Band 66	1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 71	20M	637	68786		Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	22.47	22.71
		Band 66	2	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 71	20M	637	68786		Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	21.45	21.8
		Band 71	1	20M	683	133322	QPSK	1	0		Band 66	20M	2155	66886	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	23.07	23.33
	CA_2A-4A-4A-12A	Band 2	1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	Band 12	10M	737.5	5095		22.59	22.9
		Band 2	2	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	Band 12	10M	737.5	5095		21.67	21.89
		Band 4	1	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	Band 12	10M	737.5	5095		22.29	22.7
		Band 4	2	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	Band 12	10M	737.5	5095		21.56	21.78
		Band 12	1	10M	707.5	23095	QPSK	1	0		Band 4	20M	2132.5	2175	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	22.99	23.28
		Band 12	2	10M	707.5	23095	QPSK	1	0		Band 4	20M	2132.5	2175	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	22.26	22.49
	CA_2A-5B-30A	Band 2	1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		Band 5	5M	888.7	2597		Band 30	10M	2355	9820	4x4MIMO	22.53	22.9
		Band 2	2	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		Band 5	5M	888.7	2597		Band 30	10M	2355	9820	4x4MIMO	21.69	21.89
		Band 30	1	10M	2310	27710	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		Band 5	5M	888.7	2597		Band 2	20M	1880	900	4x4MIMO	23.24	23.59
		Band 30	2	10M	2310	27710	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		Band 5	5M	888.7	2597		Band 2	20M	1880	900	4x4MIMO	21.61	21.85
		Band 5	1	10M	836.5	20525	QPSK	1	0		Band 5	5M	888.7	2597		Band 30	10M	2355	9820	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	22.75	23.10
		Band 5	2	10M	836.5	20525	QPSK	1	0		Band 5	5M	888.7	2597		Band 30	10M	2355	9820	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	22.24	22.45
	CA_2A-5B-66A	Band 2	1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		Band 5	5M	888.7	2597		Band 66	20M	2155	66886	4x4MIMO	22.62	22.9
		Band 2	2	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		Band 5	5M	888.7	2597		Band 66	20M	2155	66886	4x4MIMO	21.69	21.89
		Band 5	1	10M	836.5	20525	QPSK	1	0		Band 5	5M	888.7	2597		Band 66	20M	2155	66886	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	22.74	23.10
		Band 5	2	10M	836.5	20525	QPSK	1	0		Band 5	5M	888.7	2597		Band 66	20M	2155	66886	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	22.26	22.45
		Band 66	1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		Band 5	5M	888.7	2597		Band 2	20M	1880	900	4x4MIMO	22.44	22.71
		Band 66	2	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		Band 5	5M	888.7	2597		Band 2	20M	1880	900	4x4MIMO	21.52	21.8
	CA_2A-5A-66A-66A	Band 2	1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	22.53	22.9
		Band 2	2	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	21.69	21.89
		Band 5	1	10M	836.5	20525	QPSK	1	0		Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	22.75	23.10
		Band 5	2	10M	836.5	20525	QPSK	1	0		Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	22.21	22.45
		Band 66	1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 5	10M	836.5	2525		Band 2	20M	1880	900	4x4MIMO	22.36	22.71
		Band 66	2	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 5	10M	836.5	2525		Band 2	20M	1880	900	4x4MIMO	21.54	21.8
	CA_2A-12A-66C	Band 2	1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 12	10M	737.5	5095		Band 66	20M	2155	66886	4x4MIMO	Band 66	20M	2174.8	67084	4x4MIMO	22.59	22.9
		Band 2	2	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 12	10M	737.5	5095		Band 66	20M	2155	66886	4x4MIMO	Band 66	20M	2174.8	67084	4x4MIMO	21.67	21.89
		Band 66	1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	20M	2174.8	67084	4x4MIMO	Band 12	10M	737.5	5095		Band 2	20M	1880	900	4x4MIMO	22.30	22.71
		Band 66	2	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	20M	2174.8	67084	4x4MIMO	Band 12	10M	737.5	5095		Band 2	20M	1880	900	4x4MIMO	21.58	21.8
		Band 12	1	10M	707.5	23095	QPSK	1	0		Band 66	20M	2155	66886	4x4MIMO	Band 66	20M	2174.8	67084	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	22.99	23.28
		Band 12	2	10M	707.5	23095	QPSK	1	0		Band 66	20M	2155	66886	4x4MIMO	Band 66	20M	2174.8	67084	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	22.21	22.49
	CA_2A-12A-66A-66A	Band 2	1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 12	10M	737.5	5095		Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	22.53	22.9
		Band 2	2	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 12	10M	737.5	5095		Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	21.69	21.89
		Band 12	1	10M	707.5	23095	QPSK	1	0		Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	22.93	23.28
		Band 12	2	10M	707.5	23095	QPSK	1	0		Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	22.25	22.49
		Band 66	1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 12	10M	737.5	5095		Band 2	20M	1880	900	4x4MIMO	22.36	22.71
		Band 66	2	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 12	10M	737.5	5095		Band 2	20M	1880	900	4x4MIMO	21.54	21.8
	CA_2A-14A-66A-66A	Band 2	1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 14	10M	763	5330		Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	22.59	22.9
		Band 2	2	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 14	10M	763	5330		Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	21.67	21.89
		Band 14	1	10M	793	23330	QPSK	1	0		Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	22.54	22.95
		Band 66	1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 14	10M	763	5330		Band 2	20M	1880	900	4x4MIMO	22.49	22.71
		Band 66	2	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 14	10M	763	5330		Band 2	20M	1880	900	4x4MIMO	21.53	21.8
	CA_2A-30A-66A-66A	Band 2	1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 30	10M	2355	9820	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	22.67	22.9
		Band 2	2	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 30	10M	2355	9820	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	21.55	21.89
		Band 30	1	10M	2310	27710	QPSK	1	0	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	23.39	23.59

		Band 30	2	10M	2310	27710	QPSK	1	0	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	21.50	21.85
		Band 66	1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 30	10M	2310	9820	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	22.47	22.71
		Band 66	2	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 30	10M	2310	9820	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	21.45	21.8
	CA_2A-66A-66A-66A	Band 2	1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	22.64	22.9
		Band 2	2	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	21.61	21.89
		Band 66	1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	22.51	22.71
		Band 66	2	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	21.39	21.8
	CA_2A-66C-71A	Band 2	1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 66	20M	2174.8	67084	4x4MIMO	Band 71	20M	637	68786		22.68	22.9
		Band 2	2	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 66	20M	2174.8	67084	4x4MIMO	Band 71	20M	637	68786		21.60	21.89
		Band 71	1	20M	683	133322	QPSK	1	0		Band 66	20M	2155	66886	4x4MIMO	Band 66	20M	2174.8	67084	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	23.05	23.33
		Band 66	1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	20M	2164.8	66984	4x4MIMO	Band 71	20M	637	68786		Band 2	20M	1880	900	4x4MIMO	22.34	22.71
		Band 66	2	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	20M	2164.8	66984	4x4MIMO	Band 71	20M	637	68786		Band 2	20M	1880	900	4x4MIMO	21.60	21.8
	CA_2A-66A-66A-71A	Band 2	1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 71	20M	637	68786		22.55	22.9
		Band 2	2	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 71	20M	637	68786		21.65	21.89
		Band 66	1	20M	683	133322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 71	20M	637	68786		Band 2	20M	1880	900	4x4MIMO	22.36	22.71
		Band 66	2	20M	683	133322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 71	20M	637	68786		Band 2	20M	1880	900	4x4MIMO	21.54	21.8
		Band 71	1	20M	683	133322	QPSK	1	0		Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	23.02	23.33
	CA_4A-4A-5A-30A	Band 4	1	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	Band 5	10M	881.5	2525		Band 30	10M	2355	9820	4x4MIMO	22.46	22.7
		Band 4	2	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	Band 5	10M	881.5	2525		Band 30	10M	2355	9820	4x4MIMO	21.32	21.78
		Band 5	1	10M	836.5	20525	QPSK	1	0		Band 30	10M	2355	9820	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	22.85	23.10
		Band 5	2	10M	836.5	20525	QPSK	1	0		Band 30	10M	2355	9820	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	22.16	22.45
		Band 30	1	10M	2310	27710	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		Band 4	20M	2132.5	2175	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	23.31	23.59
		Band 30	2	10M	2310	27710	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		Band 4	20M	2132.5	2175	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	21.48	21.85
	CA_4A-4A-12A-30A	Band 4	1	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	Band 12	10M	737.5	5095		Band 30	10M	2355	9820	4x4MIMO	22.50	22.7
		Band 4	2	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	Band 12	10M	737.5	5095		Band 30	10M	2355	9820	4x4MIMO	21.43	21.78
		Band 12	1	10M	707.5	23095	QPSK	1	0		Band 30	10M	2355	9820	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	23.01	23.28
		Band 12	2	10M	707.5	23095	QPSK	1	0		Band 30	10M	2355	9820	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	22.12	22.49
		Band 30	1	10M	2310	27710	QPSK	1	0	4x4MIMO	Band 12	10M	737.5	5095		Band 4	20M	2132.5	2175	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	23.28	23.59
		Band 30	2	10M	2310	27710	QPSK	1	0	4x4MIMO	Band 12	10M	737.5	5095		Band 4	20M	2132.5	2175	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	21.54	21.85
	CA_4A-4A-29A-30A	Band 4	1	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	Band 29	10M	722.5	9715		Band 30	10M	2355	9820	4x4MIMO	22.48	22.7
		Band 4	2	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	Band 29	10M	722.5	9715		Band 30	10M	2355	9820	4x4MIMO	21.37	21.78
		Band 30	1	10M	2310	27710	QPSK	1	0	4x4MIMO	Band 29	10M	722.5	9715		Band 4	20M	2132.5	2175	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	23.37	23.59
		Band 30	2	10M	2310	27710	QPSK	1	0	4x4MIMO	Band 29	10M	722.5	9715		Band 4	20M	2132.5	2175	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	21.56	21.85
	CA_5B-30A-66A	Band 5	1	10M	836.5	20525	QPSK	1	0		Band 5	5M	881.2	2597		Band 30	10M	2355	9820	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	22.82	23.10
		Band 5	2	10M	836.5	20525	QPSK	1	0		Band 5	5M	881.2	2597		Band 30	10M	2355	9820	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	22.08	22.45
		Band 66	1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 30	10M	2355	9820	4x4MIMO	Band 5	10M	881.5	2525		Band 5	5M	881.2	2597		22.49	22.71
		Band 66	2	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 30	10M	2355	9820	4x4MIMO	Band 5	10M	881.5	2525		Band 5	5M	881.2	2597		21.45	21.8
		Band 30	1	10M	2310	27710	QPSK	1	0	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 5	10M	881.5	2525		Band 5	5M	881.2	2597		23.35	23.59
		Band 30	2	10M	2310	27710	QPSK	1	0	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 5	10M	881.5	2525		Band 5	5M	881.2	2597		21.50	21.85
	CA_5B-66A-66A	Band 5	1	10M	836.5	20525	QPSK	1	0		Band 5	5M	881.2	2597		Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	22.84	23.10
		Band 5	2	10M	836.5	20525	QPSK	1	0		Band 5	5M	881.2	2597		Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	22.14	22.45
		Band 66	1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 5	10M	881.5	2525		Band 5	5M	881.2	2597		22.49	22.71
		Band 66	2	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 5	10M	881.5	2525		Band 5	5M	881.2	2597		21.39	21.8
	CA_5A-30A-66A-66A	Band 5	1	10M	836.5	20525	QPSK	1	0		Band 30	10M	2355	9820	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	22.88	23.10
		Band 5	2	10M	836.5	20525	QPSK	1	0		Band 30	10M	2355	9820	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	22.14	22.45
		Band 30	1	10M	2310	27710	QPSK	1	0	4x4MIMO	Band 5	10M	881.2	2525		Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	23.26	23.59
		Band 30	2	10M	2310	27710	QPSK	1	0	4x4MIMO	Band 5	10M	881.2	2525		Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	21.45	21.85
		Band 66	1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 30	10M	2355	9820	4x4MIMO	Band 5	10M	881.5	2525		22.47	22.71
		Band 66	2	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 30	10M	2355	9820	4x4MIMO	Band 5	10M	881.5	2525		21.35	21.8
	CA_12A-30A-66A-66A	Band 12	1	10M	707.5	23095	QPSK	1	0		Band 30	10M	2355	9820	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	23.01	23.28
		Band 12	2	10M	707.5	23095	QPSK	1	0		Band 30	10M	2355	9820	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	22.12	22.49
		Band 30	1	10M	2310	27710	QPSK	1	0	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 12	10M	737.5	5095		23.28	23.59
		Band 30	2	10M	2310	27710	QPSK	1	0	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 12	10M	737.5	5095		21.51	21.85
		Band 66	1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 30	10M	2355	9820	4x4MIMO	Band 12	10M	737.5	5095		22.47	22.71
		Band 66	2	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 30	10M	2355	9820	4x4MIMO	Band 12	10M	737.5	5095		21.29	21.8
	CA_14A-30A-66A-66A	Band 14	1	10M	793	23330	QPSK	1	0		Band 30	10M	2355	9820	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	22.67	22.95
		Band 30	1	10M	2310	27710	QPSK	1	0	4x4MIMO	Band 14	10M	763	5330		Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	23.26	23.59
		Band 30	2	10M	2310	27710	QPSK	1	0	4x4MIMO	Band 14	10M	763	5330		Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	21.52	21.85
		Band 66	1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 30	10M	2355	9820	4x4MIMO	Band 14	10M	763	5330		22.31	22.71
		Band 66	2	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 30	10M	2355	9820	4x4MIMO	Band 14	10M	763	5330		21.58	21.8
	CA_14A-66A-66A-66A	Band 14	1	10M	793	23330	QPSK	1	0		Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	22.50	22.95
		Band 66	2	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 14	10M	763	5330		21.50	21.8
		Band 66	2	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 14	10M	763	5330		21.41	21.8
	CA_25A-41D	Band 25	1	20M	1880	26340	QPSK	1	0	4x4MIMO	Band 41	20M	2593	40620	4x4MIMO	Band 41	20M	2612.8	40818	4x4MIMO	Band 41	20M	2632.6	41016	4x4MIMO	23.14	23.45
		Band 41	1	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	20M	2612.8	40818	4x4MIMO	Band 41	20M	2632.6	41016	4x4MIMO	Band 25	20M	1960	8340	4x4MIMO	22.41	22.75
	CA_29A-30A-66A-66A	Band 30	1	10M	2310	27710	QPSK	1	0	4x4MIMO	Band 29	10M	722.5	9715		Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	23.35	23.59
		Band 30	2	10M	2310	27710	QPSK	1	0	4x4MIMO	Band 29	10M	722.5	9715		Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	21.39	21.85
		Band 66	1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 30	10M	2355	9820	4x4MIMO	Band 29	10M	722.5	9715		22.46	22.71
		Band 66	2	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 30	10M	2355	9820	4x4MIMO	Band 29	10M	722.5	9715		21.51	21.8
	CA_41C-41C	Band 41	1	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	20M	2612.8	40818	4x4MIMO	Band 41	5M	2498.5	39675	4x4MIMO	Band 41	20M	2510.2	39792	4x4MIMO	22.47	22.75
	CA_41C-41C	Band 41	1	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	20M	2612.8	40818	4x4MIMO	Band 41	5M	2502.5	39715	4x4MIMO	Band 41	20M	2514.2	39832	4x4MIMO	22.38	22.75
	CA_41E	Band 41	1	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	20M	2612.8	40818	4x4MIMO	Band 41	20M	2632.6	41016	4x4MIMO	Band 41	20M	2652.4	41214	4x4MIMO	22.55	22.75
	CA_41A-41D	Band 41	1	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	5M	2498.5	39675	4x4MIMO	Band 41	20M	2510.2	39792	4x4MIMO	Band 41	20M	2530	39990	4x4MIMO	22.40	22.75
		Band 41	1	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	5M	2502.5	39715	4x4MIMO	Band 41	20M	2514.2	39832	4x4MIMO	Band 41	20M	2534	40030	4x4MIMO	22.54	22.75
		Band 41	1	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	20M	2612.8	40818	4x4MIMO	Band 41	20M	2632.6	41016	4x4MIMO	Band 41	5M	2498.5	39675	4x4MIMO	22.42	22.75
		Band 41	1	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	20M	2612.8	40818	4x4MIMO	Band 41	20M	2632.6	41016	4x4MIMO	Band 41	5M	2502.5	39715	4x4MIMO	22.54	22.75
	CA_41A-41A-41C	Band 41	1	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	5M	2498.5	39675	4x4MIMO	Band 41	20M	2510.2	39792	4x4MIMO	Band 41	20M	2530	39990	4x4MIMO	22.47	22.75
		Band 41	1	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	5M	2502.5	39715	4x4MIMO	Band 41	20M	2514.2	39832	4x4MIMO	Band 41	20M	2534	40030	4x4MIMO	22.55	22.75
		Band 41	1	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	20M	2612.8	40818	4x4MIMO	Band 41	5M	2498.5	39675	4x4MIMO	Band 41	20M	2680	41490	4x4MIMO	22.39	22.75
		Band 41	1	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	20M	2612.8	40818	4x4MIMO	Band 41	5M	2502.5	39715	4x4MIMO	Band 41	20M	2680	41490	4x4MIMO	22.56	22.75

Reduced Power Mode for Sensor On

2CA DL

Configure		PCC									SCC					Power	
		LTE Band	Antenna Port	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	DL Antenna Configuration	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	DL Antenna Configuration	With CA Tx. Power (dBm)	Without CA Tx. Power (dBm)
Inter-Band	CA_5A-41A	Band 5	1	10M	836.5	20525	QPSK	1	0		Band 41	20M	2593	40620	4x4MIMO	19.96	20.29
		Band 5	2	10M	836.5	20525	QPSK	1	0		Band 41	20M	2593	40620	4x4MIMO	20.11	20.44
	CA_25A-41A	Band 41	1	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		17.89	18.14
		Band 25	1	20M	1880	26340	QPSK	1	0	4x4MIMO	Band 41	20M	2593	40620	4x4MIMO	16.18	16.47
		Band 41	1	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 25	20M	1960	8340	4x4MIMO	17.82	18.14
	CA_26A-41A	Band 26	1	15M	831.5	26865	QPSK	1	0		Band 41	20M	2593	40620	4x4MIMO	22.21	22.40
		Band 41	1	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 26	15M	876.5	8865		17.99	18.14

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Configure		PCC									SCC1					SCC2					Power	
		LTE Band	Antenna Port	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	DL Antenna Configuration	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	DL Antenna Configuration	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	DL Antenna Configuration	With CA Tx. Power (dBm)	Without CA Tx. Power (dBm)
Inter-Band	CA_2A-4A-29A	Band 2	1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO	Band 29	10M	722.5	9715		14.31	14.46
		Band 2	2	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO	Band 29	10M	722.5	9715		13.94	14.1
		Band 4	1	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 29	10M	722.5	9715		Band 2	20M	1960	900	4x4MIMO	14.38	14.56
		Band 4	2	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 29	10M	722.5	9715		Band 2	20M	1960	900	4x4MIMO	14.12	14.28
	CA_2A-4A-30A	Band 2	1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO	Band 30	10M	2355	9820	4x4MIMO	14.24	14.46
		Band 2	2	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO	Band 30	10M	2355	9820	4x4MIMO	13.89	14.1
		Band 4	1	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 30	10M	2355	9820	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	14.38	14.56
		Band 4	2	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 30	10M	2355	9820	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	14.08	14.28
		Band 30	1	10M	2310	27710	QPSK	1	0	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO	14.22	14.31
		Band 30	2	10M	2310	27710	QPSK	1	0	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO	18.7	18.93
	CA_2A-29A-66A	Band 2	1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 29	10M	722.5	9715		Band 66	20M	2155	66886	4x4MIMO	14.29	14.46
		Band 2	2	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 29	10M	722.5	9715		Band 66	20M	2155	66886	4x4MIMO	13.86	14.1
		Band 66	1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	Band 29	10M	722.5	9715		14.51	14.73
		Band 66	2	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	Band 29	10M	722.5	9715		14.44	14.55

Configure		PCC									SCC1					SCC2					Power	
		LTE Band	Antenna Port	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	DL Antenna Configuration	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	DL Antenna Configuration	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	DL Antenna Configuration	With CA Tx. Power (dBm)	Without CA Tx. Power (dBm)
Inter-Band	CA_2C-12A	Band 2	1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	20M	1979.8	1098	4x4MIMO	Band 12	10M	737.5	5095		14.25	14.46
		Band 2	2	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	20M	1979.8	1098	4x4MIMO	Band 12	10M	737.5	5095		13.94	14.1
		Band 12	1	10M	707.5	23095	QPSK	1	0		Band 2	20M	1960	900	4x4MIMO	Band 2	20M	1979.8	1098	4x4MIMO	21.97	22.16
		Band 12	2	10M	707.5	23095	QPSK	1	0		Band 2	20M	1960	900	4x4MIMO	Band 2	20M	1979.8	1098	4x4MIMO	22.25	22.49
	CA_4A-4A-71A	Band 4	1	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	Band 71	20M	637	68786		14.37	14.56
		Band 4	2	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	Band 71	20M	637	68786		14.08	14.28
		Band 71	1	20M	683	133322	QPSK	1	0		Band 4	20M	2132.5	2175	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	23.2	23.33
	CA_25A-25A-26A	Band 25	1	20M	1880	26340	QPSK	1	0	4x4MIMO	Band 25	5M	1992.5	8665	4x4MIMO	Band 26	15M	876.5	8865		16.33	16.47
		Band 26	1	15M	831.5	26865	QPSK	1	0		Band 25	20M	1960	8340	4x4MIMO	Band 25	5M	1992.5	8665	4x4MIMO	22.15	22.4
	CA_25A-41C	Band 25	1	20M	1880	26340	QPSK	1	0	4x4MIMO	Band 41	20M	2593	40620	4x4MIMO	Band 41	20M	2612.8	40818	4x4MIMO	16.31	16.47
		Band 41	1	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	20M	2612.8	40818	4x4MIMO	Band 25	20M	1960	8340	4x4MIMO	17.83	18.14
	CA_26A-41C	Band 26	1	15M	831.5	26865	QPSK	1	0		Band 41	20M	2593	40620	4x4MIMO	Band 41	20M	2612.8	40818	4x4MIMO	22.26	22.4
		Band 41	1	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	20M	2612.8	40818	4x4MIMO	Band 26	15M	876.5	8865		18.01	18.14
	CA_41A-41A-41A	Band 41	1	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	5M	2687.5	41565	4x4MIMO	Band 41	20M	2506	39750	4x4MIMO	18.01	18.14
	CA_41A-41A-41A	Band 41	1	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	5M	2687.5	41565	4x4MIMO	Band 41	20M	2510	39790	4x4MIMO	17.96	18.14
	CA_66A-66B	Band 66	1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2112.5	66461	4x4MIMO	Band 66	15M	2121.8	66554	4x4MIMO	14.51	14.73
		Band 66	2	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2112.5	66461	4x4MIMO	Band 66	15M	2121.8	66554	4x4MIMO	14.29	14.55
		Band 66	1	15M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2164.3	66979	4x4MIMO	Band 66	20M	2120	66536	4x4MIMO	14.45	14.62
		Band 66	2	15M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2164.3	66979	4x4MIMO	Band 66	20M	2120	66536	4x4MIMO	13.89	14.06
	CA_66A-66C	Band 66	1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2112.5	66461	4x4MIMO	Band 66	20M	2124.2	66578	4x4MIMO	14.64	14.73
		Band 66	2	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2112.5	66461	4x4MIMO	Band 66	20M	2124.2	66578	4x4MIMO	14.32	14.55
		Band 66	1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	20M	2174.8	67084	4x4MIMO	Band 66	5M	2112.5	66461	4x4MIMO	14.57	14.73
		Band 66	2	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	20M	2174.8	67084	4x4MIMO	Band 66	5M	2112.5	66461	4x4MIMO	14.36	14.55

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Configure		PCC LTE Band	Antenna Port	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	DL Antenna Configuration	SCC1 LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	DL Antenna Configuration	SCC2 LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	DL Antenna Configuration	SCC3 LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	DL Antenna Configuration	Power With CA Tx. Power (dBm)	Power Without CA Tx. Power (dBm)
Inter-Band	CA_2A-2A-4A-4A	Band 2	1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	14.22	14.46
		Band 2	2	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	13.83	14.1
		Band 4	1	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	14.35	14.56
		Band 4	2	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	14.04	14.28
	CA_2A-2A-4A-5A	Band 2	1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO	Band 5	10M	881.5	2525		14.17	14.46
		Band 2	2	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO	Band 5	10M	881.5	2525		13.89	14.1
		Band 4	1	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	Band 5	10M	881.5	2525		14.33	14.56
		Band 4	2	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	Band 5	10M	881.5	2525		14.06	14.28
		Band 5	1	10M	836.5	20525	QPSK	1	0		Band 4	20M	2132.5	2175	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	20.02	20.29
		Band 5	2	10M	836.5	20525	QPSK	1	0		Band 4	20M	2132.5	2175	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	20.15	20.44
	CA_2A-2A-4A-12A	Band 2	1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO	Band 12	10M	737.5	5095		14.25	14.46
		Band 2	2	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO	Band 12	10M	737.5	5095		13.91	14.1
		Band 4	1	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 12	10M	737.5	5095		Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	14.28	14.56
		Band 4	2	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 12	10M	737.5	5095		Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	13.98	14.28
		Band 12	1	10M	707.5	23095	QPSK	1	0		Band 4	20M	2132.5	2175	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	21.91	22.16
		Band 12	2	10M	707.5	23095	QPSK	1	0		Band 4	20M	2132.5	2175	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	22.23	22.49
	CA_2A-2A-4A-71A	Band 2	1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO	Band 71	20M	637	68786		14.30	14.46
		Band 2	2	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO	Band 71	20M	637	68786		13.85	14.1
		Band 4	1	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 71	20M	637	68786		Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	14.29	14.56
		Band 4	2	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 71	20M	637	68786		Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	14.05	14.28
		Band 71	1	20M	683	133322	QPSK	1	0		Band 4	20M	2132.5	2175	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	23.09	23.33
	CA_2A-2A-5B	Band 2	1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 5	10M	881.5	2525		Band 5	5M	881.2	2597		14.19	14.46
		Band 2	2	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 5	10M	881.5	2525		Band 5	5M	881.2	2597		13.87	14.1
		Band 5	1	10M	836.5	20525	QPSK	1	0		Band 5	5M	881.2	2597		Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	20.01	20.29
		Band 5	2	10M	836.5	20525	QPSK	1	0		Band 5	5M	881.2	2597		Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	20.23	20.44
	CA_2A-2A-5A-30A	Band 2	1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 5	10M	881.5	2525		Band 30	10M	2355	9820	4x4MIMO	14.19	14.46
		Band 2	2	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 5	10M	881.5	2525		Band 30	10M	2355	9820	4x4MIMO	13.92	14.1
		Band 5	1	10M	836.5	20525	QPSK	1	0		Band 30	10M	2355	9820	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	20.04	20.29
		Band 5	2	10M	836.5	20525	QPSK	1	0		Band 30	10M	2355	9820	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	20.14	20.44
		Band 30	1	10M	2310	27710	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	14.06	14.31
		Band 30	2	10M	2310	27710	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	18.67	18.93
	CA_2A-2A-5A-66A	Band 2	1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 5	10M	881.5	2525		Band 66	20M	2155	66886	4x4MIMO	14.30	14.46
		Band 2	2	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 5	10M	881.5	2525		Band 66	20M	2155	66886	4x4MIMO	13.85	14.1
		Band 5	1	10M	836.5	20525	QPSK	1	0		Band 66	20M	2155	66886	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	19.99	20.29
		Band 5	2	10M	836.5	20525	QPSK	1	0		Band 66	20M	2155	66886	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	20.19	20.44
		Band 66	1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	14.47	14.73
		Band 66	2	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	14.39	14.55
	CA_2A-2A-12A-30A	Band 2	1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 12	10M	737.5	5095		Band 30	10M	2355	9820	4x4MIMO	14.21	14.46
		Band 2	2	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 12	10M	737.5	5095		Band 30	10M	2355	9820	4x4MIMO	13.80	14.1
		Band 12	1	10M	707.5	23095	QPSK	1	0		Band 30	10M	2355	9820	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	21.91	22.16
		Band 12	2	10M	707.5	23095	QPSK	1	0		Band 30	10M	2355	9820	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	22.23	22.49
		Band 30	1	10M	2310	27710	QPSK	1	0	4x4MIMO	Band 12	10M	737.5	5095		Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	14.15	14.31
		Band 30	2	10M	2310	27710	QPSK	1	0	4x4MIMO	Band 12	10M	737.5	5095		Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	18.68	18.93
	CA_2A-2A-12A-66A	Band 2	1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 12	10M	737.5	5095		Band 66	20M	2155	66886	4x4MIMO	14.25	14.46
		Band 2	2	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 12	10M	737.5	5095		Band 66	20M	2155	66886	4x4MIMO	13.86	14.1
		Band 12	1	10M	707.5	23095	QPSK	1	0		Band 66	20M	2155	66886	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	21.89	22.16
		Band 12	2	10M	707.5	23095	QPSK	1	0		Band 66	20M	2155	66886	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	22.26	22.49
		Band 66	1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 12	10M	737.5	5095		Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	14.45	14.73
		Band 66	2	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 12	10M	737.5	5095		Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	14.34	14.55
	CA_2A-2A-14A-30A	Band 2	1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 14	10M	763	5330		Band 30	10M	2355	9820	4x4MIMO	14.22	14.46
		Band 2	2	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 14	10M	763	5330		Band 30	10M	2355	9820	4x4MIMO	13.83	14.1
		Band 14	1	10M	793	23330	QPSK	1	0		Band 30	10M	2355	9820	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	14.03	14.31
		Band 30	1	10M	2310	27710	QPSK	1	0	4x4MIMO	Band 14	10M	763	5330		Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	14.10	14.31
		Band 30	2	10M	2310	27710	QPSK	1	0	4x4MIMO	Band 14	10M	763	5330		Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	18.69	18.93
	CA_2A-2A-14A-66A	Band 2	1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 14	10M	763	5330		Band 66	20M	2155	66886	4x4MIMO	14.19	14.46
		Band 2	2	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 14	10M	763	5330		Band 66	20M	2155	66886	4x4MIMO	13.89	14.1
		Band 14	1	10M	793	23330	QPSK	1	0		Band 66	20M	2155	66886	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	22.72	22.95
		Band 66	1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 14	10M	763	5330		Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	14.51	14.73
		Band 66	2	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 14	10M	763	5330		Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	14.28	14.55
	CA_2A-2A-29A-30A	Band 2	1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 29	10M	722.5	9715		Band 30	10M	2355	9820	4x4MIMO	14.17	14.46
		Band 2	2	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 29	10M	722.5	9715		Band 30	10M	2355	9820	4x4MIMO	13.89	14.1
		Band 30	1	10M	2310	27710	QPSK	1	0	4x4MIMO	Band 29	10M	722.5	9715		Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	14.08	14.31
		Band 30	2	10M	2310	27710	QPSK	1	0	4x4MIMO	Band 29	10M	722.5	9715		Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	18.71	18.93
	CA_2A-2A-30A-66A	Band 2	1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 30	10M	2355	9820	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	14.19	14.46
		Band 2	2	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 30	10M	2355	9820	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	13.81	14.1
		Band 30	1	10M	2310	27710	QPSK	1	0	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	14.10	14.31
		Band 30	2	10M	2310	27710	QPSK	1	0	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	18.70	18.93
		Band 66	1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 30	10M	2355	9820	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	14.51	14.73
		Band 66	2	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 30	10M	2355	9820	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	14.28	14.55
	CA_2C-66A-66A	Band 2	1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	20M	1979.8	1098	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	14.17	14.46
		Band 2	2	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	20M	1979.8	1098	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	13.89	14.1
		Band 66	1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 2	20M	900	1960	4x4MIMO	Band 2	20M	1979.8	1098	4x4MIMO	14.45	14.73
		Band 66	2	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 2	20M	900	1960	4x4MIMO	Band 2	20M	1979.8	1098	4x4MIMO	14.34	14.55
	CA_2A-2A-66B	Band 2	1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 66	15M	2155	66886	4x4MIMO	Band 66	5M	2164.3	66979	4x4MIMO	14.22	14.46
		Band 2	2	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 66	15M	2155	66886	4x4MIMO	Band 66	5M	2164.3	66979	4x4MIMO	13.83	14.1
		Band 66	1	15M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2164.3	66979	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	14.48	14.73
		Band 66	2	15M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2164.3	66979	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	14.37	14.55
	CA_2A-2A-66C	Band 2	1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 66	20M	2174.8	2353	4x4MIMO	14.17	14.46
		Band 2	2	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 66	20M	2174.8	2353	4x4MIMO	13.86	14.1
		Band 66	1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	20M	2174.8	2353	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	14.47	14.73
		Band 66	2	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	20M	2174.8	2353	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	14.30	14.55
	CA_2A-2A-66A-66A	Band 2	1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	14.28	14.46
		Band 2	2	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	13.85	14.1
		Band 66	1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	14.43	14.73
		Band 66	2	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	14.30	14.55
	CA_2A-2A-66A-71A	Band 2	1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 71	20M	637	68786		14.20	14.46
		Band 2	2	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 71	20M	637	68786		13.94	14.1
		Band 66	1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 71	20M	637	68786		Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	14.48	14.73
		Band 66	2	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 71	20M	637	68786		Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	14.28	14.55
		Band 71	1	20M	683	133322	QPSK	1	0		Band 66	20M	2155	66886	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	23.10	23.33
	CA_2A-4A-4A-12A	Band 2	1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	Band 12	10M	737.5	5095		14.18	14.46
		Band 2	2	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	Band 12	10M	737.5	5095		13.94	14.1
		Band 4	1	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	Band 12	10M	737.5	5095		14.31	14.56
		Band 4	2	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	Band 12	10M	737.5	5095		14.02	14.28
		Band 12	1	10M	707.5	23095	QPSK	1	0		Band 4	20M	2132.5	2175	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	21.86	22.16
		Band 12	2	10M	707.5	23095	QPSK	1	0		Band 4	20M	2132.5	2175	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	22.30	22.49
	CA_2A-5B-30A	Band 2	1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		Band 5	5M	888.7	2597		Band 30	10M	2355	9820	4x4MIMO	14.28	14.46
		Band 2	2	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		Band 5	5M	888.7	2597		Band 30	10M	2355	9820	4x4MIMO	13.81	14.1
		Band 30	1	10M	2310	27710	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		Band 5	5M	888.7	2597		Band 2	20M	1880	900	4x4MIMO	14.07	14.31
		Band 30	2	10M	2310	27710	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		Band 5	5M	888.7	2597		Band 2	20M	1880	900	4x4MIMO	18.67	18.93
		Band 5	1	10M	836.5	20525	QPSK	1	0		Band 5	5M	888.7	2597		Band 30	10M	2355	9820	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	20.08	20.29
		Band 5	2	10M	836.5	20525	QPSK	1	0		Band 5	5M	888.7	2597		Band 30	10M	2355	9820	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	20.21	20.44
	CA_2A-5B-66A	Band 2	1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		Band 5	5M	888.7	2597		Band 66	20M	2155	66886	4x4MIMO	14.24	14.46
		Band 2	2	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		Band 5	5M	888.7	2597		Band 66	20M	2155	66886	4x4MIMO	13.84	14.1
		Band 5	1	10M	836.5	20525	QPSK	1	0		Band 5	5M	888.7	2597		Band 66	20M	2155	66886	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	20.01	20.29
		Band 5	2	10M	836.5	20525	QPSK	1	0		Band 5	5M	888.7	2597		Band 66	20M	2155	66886	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	20.23	20.44
		Band 66	1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		Band 5	5M	888.7	2597		Band 2	20M	1880	900	4x4MIMO	14.46	14.73
		Band 66	2	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		Band 5	5M	888.7	2597		Band 2	20M	1880	900	4x4MIMO	14.32	14.55
	CA_2A-5A-66A-66A	Band 2	1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	14.25	14.46
		Band 2	2	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	13.84	14.1
		Band 5	1	10M	836.5	20525	QPSK	1	0		Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	20.04	20.29
		Band 5	2	10M	836.5	20525	QPSK	1	0		Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	20.26	20.44
		Band 66	1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 5	10M	836.5	2525		Band 2	20M	1880	900	4x4MIMO	14.49	14.73
		Band 66	2	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 5	10M	836.5	2525		Band 2	20M	1880	900	4x4MIMO	14.24	14.55
	CA_2A-12A-66C	Band 2	1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 12	10M	737.5	5095		Band 66	20M	2155	66886	4x4MIMO	Band 66	20M	2174.8	67084	4x4MIMO	14.23	14.46
		Band 2	2	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 12	10M	737.5	5095		Band 66	20M	2155	66886	4x4MIMO	Band 66	20M	2174.8	67084	4x4MIMO	13.89	14.1
		Band 66	1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	20M	2174.8	67084	4x4MIMO	Band 12	10M	737.5	5095		Band 2	20M	1880	900	4x4MIMO	14.50	14.73
		Band 66	2	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	20M	2174.8	67084	4x4MIMO	Band 12	10M	737.5	5095		Band 2	20M	1880	900	4x4MIMO	14.33	14.55
		Band 12	1	10M	707.5	23095	QPSK	1	0		Band 66	20M	2155	66886	4x4MIMO	Band 66	20M	2174.8	67084	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	21.86	22.16
		Band 12	2	10M	707.5	23095	QPSK	1	0		Band 66	20M	2155	66886	4x4MIMO	Band 66	20M	2174.8	67084	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	22.24	22.49
	CA_2A-12A-66A-66A	Band 2	1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 12	10M	737.5	5095		Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	14.27	14.46
		Band 2	2	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 12	10M	737.5	5095		Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	13.91	14.1
		Band 12	1	10M	707.5	23095	QPSK	1	0		Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	21.88	22.16
		Band 12	2	10M	707.5	23095	QPSK	1	0		Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	22.23	22.49
		Band 66	1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 12	10M	737.5	5095		Band 2	20M	1880	900	4x4MIMO	14.45	14.73
		Band 66	2	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 12	10M	737.5	5095		Band 2	20M	1880	900	4x4MIMO	14.34	14.55
	CA_2A-14A-66A-66A	Band 2	1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 14	10M	763	5330		Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	14.23	14.46
		Band 2	2	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 14	10M	763	5330		Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	13.82	14.1
		Band 14	1	10M	793	23330	QPSK	1	0		Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	22.71	22.95
		Band 66	1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 14	10M	763	5330		Band 2	20M	1880	900	4x4MIMO	14.47	14.73
		Band 66	2	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 14	10M	763	5330		Band 2	20M	1880	900	4x4MIMO	14.30	14.55
	CA_2A-30A-66A-66A	Band 2	1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 30	10M	2355	9820	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	14.24	14.46
		Band 2	2	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 30	10M	2355	9820	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	13.86	14.1
		Band 30	1	10M	2310	27710	QPSK	1	0	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	14.00	14.31
		Band 30	2	10M	2310	27710	QPSK	1	0	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	18.70	18.93

		Band 66	1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 30	10M	2310	9820	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	14.52	14.73
		Band 66	2	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 30	10M	2310	9820	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	14.32	14.55
	CA_2A-66A-66A-66A	Band 2	1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	14.24	14.46
		Band 2	2	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	13.83	14.1
		Band 66	1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	14.44	14.73
		Band 66	2	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	14.34	14.55
	CA_2A-66C-71A	Band 2	1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 66	20M	2174.8	67084	4x4MIMO	Band 71	20M	637	68786		14.30	14.46
		Band 2	2	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 66	20M	2174.8	67084	4x4MIMO	Band 71	20M	637	68786		13.85	14.1
		Band 71	1	20M	683	133322	QPSK	1	0		Band 66	20M	2155	66886	4x4MIMO	Band 66	20M	2174.8	67084	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	23.03	23.33
		Band 66	1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	20M	2164.8	66984	4x4MIMO	Band 71	20M	637	68786		Band 2	20M	1880	900	4x4MIMO	14.49	14.73
		Band 66	2	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	20M	2164.8	66984	4x4MIMO	Band 71	20M	637	68786		Band 2	20M	1880	900	4x4MIMO	14.28	14.55
	CA_2A-66A-66A-71A	Band 2	1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 71	20M	637	68786		14.28	14.46
		Band 2	2	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 71	20M	637	68786		13.88	14.1
		Band 66	1	20M	683	133322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 71	20M	637	68786		Band 2	20M	1880	900	4x4MIMO	14.46	14.73
		Band 66	2	20M	683	133322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 71	20M	637	68786		Band 2	20M	1880	900	4x4MIMO	14.26	14.55
		Band 71	1	20M	683	133322	QPSK	1	0		Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	23.12	23.33
	CA_4A-4A-5A-30A	Band 4	1	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	Band 5	10M	881.5	2525		Band 30	10M	2355	9820	4x4MIMO	14.33	14.56
		Band 4	2	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	Band 5	10M	881.5	2525		Band 30	10M	2355	9820	4x4MIMO	14.06	14.28
		Band 5	1	10M	836.5	20525	QPSK	1	0		Band 30	10M	2355	9820	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	14.04	14.31
		Band 5	2	10M	836.5	20525	QPSK	1	0		Band 30	10M	2355	9820	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	18.64	18.93
		Band 30	1	10M	2310	27710	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		Band 4	20M	2132.5	2175	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	14.10	14.31
		Band 30	2	10M	2310	27710	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		Band 4	20M	2132.5	2175	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	18.70	18.93
	CA_4A-4A-12A-30A	Band 4	1	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	Band 12	10M	737.5	5095		Band 30	10M	2355	9820	4x4MIMO	14.34	14.56
		Band 4	2	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	Band 12	10M	737.5	5095		Band 30	10M	2355	9820	4x4MIMO	14.01	14.28
		Band 12	1	10M	707.5	23095	QPSK	1	0		Band 30	10M	2355	9820	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	21.87	22.16
		Band 12	2	10M	707.5	23095	QPSK	1	0		Band 30	10M	2355	9820	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	22.30	22.49
		Band 30	1	10M	2310	27710	QPSK	1	0	4x4MIMO	Band 12	10M	737.5	5095		Band 4	20M	2132.5	2175	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	14.20	14.31
		Band 30	2	10M	2310	27710	QPSK	1	0	4x4MIMO	Band 12	10M	737.5	5095		Band 4	20M	2132.5	2175	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	18.67	18.93
	CA_4A-4A-29A-30A	Band 4	1	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	Band 29	10M	722.5	9715		Band 30	10M	2355	9820	4x4MIMO	14.26	14.56
		Band 4	2	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	Band 29	10M	722.5	9715		Band 30	10M	2355	9820	4x4MIMO	14.03	14.28
		Band 30	1	10M	2310	27710	QPSK	1	0	4x4MIMO	Band 29	10M	722.5	9715		Band 4	20M	2132.5	2175	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	14.05	14.31
		Band 30	2	10M	2310	27710	QPSK	1	0	4x4MIMO	Band 29	10M	722.5	9715		Band 4	20M	2132.5	2175	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	18.75	18.93
	CA_5B-30A-66A	Band 5	1	10M	836.5	20525	QPSK	1	0		Band 5	5M	881.2	2597		Band 30	10M	2355	9820	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	20.00	20.29
		Band 5	2	10M	836.5	20525	QPSK	1	0		Band 5	5M	881.2	2597		Band 30	10M	2355	9820	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	20.20	20.44
		Band 66	1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 30	10M	2355	9820	4x4MIMO	Band 5	10M	881.5	2525		Band 5	5M	881.2	2597		14.47	14.73
		Band 66	2	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 30	10M	2355	9820	4x4MIMO	Band 5	10M	881.5	2525		Band 5	5M	881.2	2597		14.30	14.55
		Band 30	1	10M	2310	27710	QPSK	1	0	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 5	10M	881.5	2525		Band 5	5M	881.2	2597		14.13	14.31
		Band 30	2	10M	2310	27710	QPSK	1	0	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 5	10M	881.5	2525		Band 5	5M	881.2	2597		18.71	18.93
	CA_5B-66A-66A	Band 5	1	10M	836.5	20525	QPSK	1	0		Band 5	5M	881.2	2597		Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	20.02	20.29
		Band 5	2	10M	836.5	20525	QPSK	1	0		Band 5	5M	881.2	2597		Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	20.15	20.44
		Band 66	1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 5	10M	881.5	2525		Band 5	5M	881.2	2597		14.52	14.73
		Band 66	2	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 5	10M	881.5	2525		Band 5	5M	881.2	2597		14.27	14.55
	CA_5A-30A-66A-66A	Band 5	1	10M	836.5	20525	QPSK	1	0		Band 30	10M	2355	9820	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	20.07	20.29
		Band 5	2	10M	836.5	20525	QPSK	1	0		Band 30	10M	2355	9820	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	20.17	20.44
		Band 30	1	10M	2310	27710	QPSK	1	0	4x4MIMO	Band 5	10M	881.2	2525		Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	14.02	14.31
		Band 30	2	10M	2310	27710	QPSK	1	0	4x4MIMO	Band 5	10M	881.2	2525		Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	18.72	18.93
		Band 66	1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 30	10M	2355	9820	4x4MIMO	Band 5	10M	881.5	2525		14.50	14.73
		Band 66	2	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 30	10M	2355	9820	4x4MIMO	Band 5	10M	881.5	2525		14.33	14.55
	CA_12A-30A-66A-66A	Band 12	1	10M	707.5	23095	QPSK	1	0		Band 30	10M	2355	9820	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	21.89	22.16
		Band 12	2	10M	707.5	23095	QPSK	1	0		Band 30	10M	2355	9820	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	22.20	22.49
		Band 30	1	10M	2310	27710	QPSK	1	0	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 12	10M	737.5	5095		14.10	14.31
		Band 30	2	10M	2310	27710	QPSK	1	0	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 12	10M	737.5	5095		18.70	18.93
		Band 66	1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 30	10M	2355	9820	4x4MIMO	Band 12	10M	737.5	5095		14.51	14.73
		Band 66	2	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 30	10M	2355	9820	4x4MIMO	Band 12	10M	737.5	5095		14.28	14.55
	CA_14A-30A-66A-66A	Band 14	1	10M	793	23330	QPSK	1	0		Band 30	10M	2355	9820	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	22.64	22.95
		Band 30	1	10M	2310	27710	QPSK	1	0	4x4MIMO	Band 14	10M	763	5330		Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	14.12	14.31
		Band 30	2	10M	2310	27710	QPSK	1	0	4x4MIMO	Band 14	10M	763	5330		Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	18.75	18.93
		Band 66	1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 30	10M	2355	9820	4x4MIMO	Band 14	10M	763	5330		14.50	14.73
		Band 66	2	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 30	10M	2355	9820	4x4MIMO	Band 14	10M	763	5330		14.25	14.55
	CA_14A-66A-66A-66A	Band 14	1	10M	793	23330	QPSK	1	0		Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	22.64	22.95
		Band 66	2	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 14	10M	763	5330		14.36	14.55
		Band 66	2	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 14	10M	763	5330		14.37	14.55
	CA_25A-41D	Band 25	1	20M	1880	26340	QPSK	1	0	4x4MIMO	Band 41	20M	2593	40620	4x4MIMO	Band 41	20M	2612.8	40818	4x4MIMO	Band 41	20M	2632.6	41016	4x4MIMO	16.24	16.47
		Band 41	1	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	20M	2612.8	40818	4x4MIMO	Band 41	20M	2632.6	41016	4x4MIMO	Band 25	20M	1960	8340	4x4MIMO	17.90	18.14
	CA_29A-30A-66A-66A	Band 30	1	10M	2310	27710	QPSK	1	0	4x4MIMO	Band 29	10M	722.5	9715		Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	14.05	14.31
		Band 30	2	10M	2310	27710	QPSK	1	0	4x4MIMO	Band 29	10M	722.5	9715		Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	18.68	18.93
		Band 66	1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 30	10M	2355	9820	4x4MIMO	Band 29	10M	722.5	9715		14.55	14.73
		Band 66	2	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 30	10M	2355	9820	4x4MIMO	Band 29	10M	722.5	9715		14.26	14.55
	CA_41C-41C	Band 41	1	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	20M	2612.8	40818	4x4MIMO	Band 41	5M	2498.5	39675	4x4MIMO	Band 41	20M	2510.2	39792	4x4MIMO	17.90	18.14
	CA_41C-41C	Band 41	1	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	20M	2612.8	40818	4x4MIMO	Band 41	5M	2502.5	39715	4x4MIMO	Band 41	20M	2514.2	39832	4x4MIMO	17.88	18.14
	CA_41E	Band 41	1	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	20M	2612.8	40818	4x4MIMO	Band 41	20M	2632.6	41016	4x4MIMO	Band 41	20M	2652.4	41214	4x4MIMO	17.89	18.14
	CA_41A-41D	Band 41	1	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	5M	2498.5	39675	4x4MIMO	Band 41	20M	2510.2	39792	4x4MIMO	Band 41	20M	2530	39990	4x4MIMO	17.96	18.14
		Band 41	1	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	5M	2502.5	39715	4x4MIMO	Band 41	20M	2514.2	39832	4x4MIMO	Band 41	20M	2534	40030	4x4MIMO	17.85	18.14
		Band 41	1	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	20M	2612.8	40818	4x4MIMO	Band 41	20M	2632.6	41016	4x4MIMO	Band 41	5M	2498.5	39675	4x4MIMO	17.90	18.14
		Band 41	1	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	20M	2612.8	40818	4x4MIMO	Band 41	20M	2632.6	41016	4x4MIMO	Band 41	5M	2502.5	39715	4x4MIMO	17.88	18.14
	CA_41A-41A-41C	Band 41	1	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	5M	2498.5	39675	4x4MIMO	Band 41	20M	2510.2	39792	4x4MIMO	Band 41	20M	2530	39990	4x4MIMO	17.87	18.14
		Band 41	1	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	5M	2502.5	39715	4x4MIMO	Band 41	20M	2514.2	39832	4x4MIMO	Band 41	20M	2534	40030	4x4MIMO	17.91	18.14
		Band 41	1	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	20M	2612.8	40818	4x4MIMO	Band 41	5M	2498.5	39675	4x4MIMO	Band 41	20M	2680	41490	4x4MIMO	17.86	18.14
		Band 41	1	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	20M	2612.8	40818	4x4MIMO	Band 41	5M	2502.5	39715	4x4MIMO	Band 41	20M	2680	41490	4x4MIMO	17.93	18.14

Reduced Power Mode for Hotspot on

2CA DL

Configure		PCC									SCC					Power	
		LTE Band	Antenna Port	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	DL Antenna Configuration	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	DL Antenna Configuration	With CA Tx. Power (dBm)	Without CA Tx. Power (dBm)
Inter-Band	CA_5A-41A	Band 5	1	10M	836.5	20525	QPSK	1	0		Band 41	20M	2593	40620	4x4MIMO	19.96	20.29
		Band 5	2	10M	836.5	20525	QPSK	1	0		Band 41	20M	2593	40620	4x4MIMO	19.75	19.93
	CA_25A-41A	Band 41	1	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		16.67	16.83
		Band 25	1	20M	1880	26340	QPSK	1	0	4x4MIMO	Band 41	20M	2593	40620	4x4MIMO	15.13	15.31
		Band 41	1	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 25	20M	1960	8340	4x4MIMO	16.49	16.83
	CA_26A-41A	Band 26	1	15M	831.5	26865	QPSK	1	0		Band 41	20M	2593	40620	4x4MIMO	22.21	22.40
		Band 41	1	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 26	15M	876.5	8865		16.52	16.83

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Configure		PCC									SCC1					SCC2					Power	
		LTE Band	Antenna Port	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	DL Antenna Configuration	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	DL Antenna Configuration	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	DL Antenna Configuration	With CA Tx. Power (dBm)	Without CA Tx. Power (dBm)
Inter-Band	CA_2A-4A-29A	Band 2	1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO	Band 29	10M	722.5	9715		12.07	12.26
		Band 2	2	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO	Band 29	10M	722.5	9715		12.96	13.19
		Band 4	1	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 29	10M	722.5	9715		Band 2	20M	1960	900	4x4MIMO	12.28	12.5
		Band 4	2	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 29	10M	722.5	9715		Band 2	20M	1960	900	4x4MIMO	12.17	12.42
	CA_2A-4A-30A	Band 2	1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO	Band 30	10M	2355	9820	4x4MIMO	12	12.26
		Band 2	2	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO	Band 30	10M	2355	9820	4x4MIMO	13.02	13.19
		Band 4	1	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 30	10M	2355	9820	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	12.25	12.5
		Band 4	2	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 30	10M	2355	9820	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	12.16	12.42
		Band 30	1	10M	2310	27710	QPSK	1	0	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO	12.04	12.33
		Band 30	2	10M	2310	27710	QPSK	1	0	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO	15.86	16.1
	CA_2A-29A-66A	Band 2	1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 29	10M	722.5	9715		Band 66	20M	2155	66886	4x4MIMO	12.08	12.26
		Band 2	2	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 29	10M	722.5	9715		Band 66	20M	2155	66886	4x4MIMO	12.96	13.19
		Band 66	1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	Band 29	10M	722.5	9715		12.51	12.72
		Band 66	2	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	Band 29	10M	722.5	9715		12.3	12.58

Configure		PCC									SCC1					SCC2					Power	
		LTE Band	Antenna Port	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	DL Antenna Configuration	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	DL Antenna Configuration	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	DL Antenna Configuration	With CA Tx. Power (dBm)	Without CA Tx. Power (dBm)
Inter-Band	CA_2C-12A	Band 2	1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	20M	1979.8	1098	4x4MIMO	Band 12	10M	737.5	5095		11.94	12.26
		Band 2	2	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	20M	1979.8	1098	4x4MIMO	Band 12	10M	737.5	5095		12.99	13.19
		Band 12	1	10M	707.5	23095	QPSK	1	0		Band 2	20M	1960	900	4x4MIMO	Band 2	20M	1979.8	1098	4x4MIMO	21.96	22.16
		Band 12	2	10M	707.5	23095	QPSK	1	0		Band 2	20M	1960	900	4x4MIMO	Band 2	20M	1979.8	1098	4x4MIMO	22.3	22.49
	CA_4A-4A-71A	Band 4	1	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	Band 71	20M	637	68786		12.26	12.5
		Band 4	2	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	Band 71	20M	637	68786		12.11	12.42
		Band 71	1	20M	683	133322	QPSK	1	0		Band 4	20M	2132.5	2175	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	23.04	23.33
	CA_25A-25A-26A	Band 25	1	20M	1880	26340	QPSK	1	0	4x4MIMO	Band 25	5M	1992.5	8665	4x4MIMO	Band 26	15M	876.5	8865		15.06	15.31
		Band 26	1	15M	831.5	26865	QPSK	1	0		Band 25	20M	1960	8340	4x4MIMO	Band 25	5M	1992.5	8665	4x4MIMO	22.25	22.4
	CA_25A-41C	Band 25	1	20M	1880	26340	QPSK	1	0	4x4MIMO	Band 41	20M	2593	40620	4x4MIMO	Band 41	20M	2612.8	40818	4x4MIMO	15.05	15.31
		Band 41	1	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	20M	2612.8	40818	4x4MIMO	Band 25	20M	1960	8340	4x4MIMO	16.6	16.83
	CA_26A-41C	Band 26	1	15M	831.5	26865	QPSK	1	0		Band 41	20M	2593	40620	4x4MIMO	Band 41	20M	2612.8	40818	4x4MIMO	22.15	22.4
		Band 41	1	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	20M	2612.8	40818	4x4MIMO	Band 26	15M	876.5	8865		16.5	16.83
	CA_41A-41A-41A	Band 41	1	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	5M	2687.5	41565	4x4MIMO	Band 41	20M	2506	39750	4x4MIMO	16.61	16.83
	CA_41A-41A-41A	Band 41	1	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	5M	2687.5	41565	4x4MIMO	Band 41	20M	2510	39790	4x4MIMO	16.58	16.83
	CA_66A-66B	Band 66	1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2112.5	66461	4x4MIMO	Band 66	15M	2121.8	66554	4x4MIMO	12.47	12.72
		Band 66	2	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2112.5	66461	4x4MIMO	Band 66	15M	2121.8	66554	4x4MIMO	12.43	12.58
		Band 66	1	15M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2164.3	66979	4x4MIMO	Band 66	20M	2120	66536	4x4MIMO	12.19	12.46
		Band 66	2	15M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2164.3	66979	4x4MIMO	Band 66	20M	2120	66536	4x4MIMO	12.05	12.36
	CA_66A-66C	Band 66	1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2112.5	66461	4x4MIMO	Band 66	20M	2124.2	66578	4x4MIMO	12.42	12.72
		Band 66	2	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2112.5	66461	4x4MIMO	Band 66	20M	2124.2	66578	4x4MIMO	12.34	12.58
		Band 66	1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	20M	2174.8	67084	4x4MIMO	Band 66	5M	2112.5	66461	4x4MIMO	12.54	12.72
		Band 66	2	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	20M	2174.8	67084	4x4MIMO	Band 66	5M	2112.5	66461	4x4MIMO	12.37	12.58

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Configure		PCC LTE Band	PCC Antenna Port	PCC BW (MHz)	PCC UL Freq. (MHz)	PCC UL Channel	PCC Mod.	PCC UL# RB	PCC UL RB Offset	DL Antenna Configuration	SCC1 LTE Band	SCC1 BW (MHz)	SCC1 DL Freq. (MHz)	SCC1 DL Channel	DL Antenna Configuration	SCC2 LTE Band	SCC2 BW (MHz)	SCC2 DL Freq. (MHz)	SCC2 DL Channel	DL Antenna Configuration	SCC3 LTE Band	SCC3 BW (MHz)	SCC3 DL Freq. (MHz)	SCC3 DL Channel	DL Antenna Configuration	Power With CA Tx. Power (dBm)	Power Without CA Tx. Power (dBm)
Inter-Band	CA_2A-2A-4A-4A	Band 2	1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	12.11	12.26
		Band 2	2	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	13.00	13.19
		Band 4	1	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	12.31	12.5
		Band 4	2	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	12.26	12.42
	CA_2A-2A-4A-5A	Band 2	1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO	Band 5	10M	881.5	2525		12.10	12.26
		Band 2	2	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO	Band 5	10M	881.5	2525		13.02	13.19
		Band 4	1	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	Band 5	10M	881.5	2525		12.26	12.5
		Band 4	2	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	Band 5	10M	881.5	2525		12.23	12.42
		Band 5	1	10M	836.5	20525	QPSK	1	0		Band 4	20M	2132.5	2175	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	20.13	20.29
		Band 5	2	10M	836.5	20525	QPSK	1	0		Band 4	20M	2132.5	2175	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	20.28	20.44
	CA_2A-2A-4A-12A	Band 2	1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO	Band 12	10M	737.5	5095		12.09	12.26
		Band 2	2	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO	Band 12	10M	737.5	5095		12.95	13.19
		Band 4	1	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 12	10M	737.5	5095		Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	12.31	12.5
		Band 4	2	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 12	10M	737.5	5095		Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	12.26	12.42
		Band 12	1	10M	707.5	23095	QPSK	1	0		Band 4	20M	2132.5	2175	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	22.00	22.16
		Band 12	2	10M	707.5	23095	QPSK	1	0		Band 4	20M	2132.5	2175	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	22.30	22.49
	CA_2A-2A-4A-71A	Band 2	1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO	Band 71	20M	637	68786		11.97	12.26
		Band 2	2	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO	Band 71	20M	637	68786		13.02	13.19
		Band 4	1	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 71	20M	637	68786		Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	12.35	12.5
		Band 4	2	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 71	20M	637	68786		Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	12.22	12.42
		Band 71	1	20M	683	133322	QPSK	1	0		Band 4	20M	2132.5	2175	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	23.14	23.33
	CA_2A-2A-5B	Band 2	1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 5	10M	881.5	2525		Band 5	5M	881.2	2597		12.02	12.26
		Band 2	2	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 5	10M	881.5	2525		Band 5	5M	881.2	2597		13.00	13.19
		Band 5	1	10M	836.5	20525	QPSK	1	0		Band 5	5M	881.2	2597		Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	20.13	20.29
		Band 5	2	10M	836.5	20525	QPSK	1	0		Band 5	5M	881.2	2597		Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	20.24	20.44
	CA_2A-2A-5A-30A	Band 2	1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 5	10M	881.5	2525		Band 30	10M	2355	9820	4x4MIMO	12.07	12.26
		Band 2	2	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 5	10M	881.5	2525		Band 30	10M	2355	9820	4x4MIMO	12.90	13.19
		Band 5	1	10M	836.5	20525	QPSK	1	0		Band 30	10M	2355	9820	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	20.12	20.29
		Band 5	2	10M	836.5	20525	QPSK	1	0		Band 30	10M	2355	9820	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	20.29	20.44
		Band 30	1	10M	2310	27710	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	12.13	12.33
		Band 30	2	10M	2310	27710	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	15.91	16.1
	CA_2A-2A-5A-66A	Band 2	1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 5	10M	881.5	2525		Band 66	20M	2155	66886	4x4MIMO	11.97	12.26
		Band 2	2	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 5	10M	881.5	2525		Band 66	20M	2155	66886	4x4MIMO	13.00	13.19
		Band 5	1	10M	836.5	20525	QPSK	1	0		Band 66	20M	2155	66886	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	20.13	20.29
		Band 5	2	10M	836.5	20525	QPSK	1	0		Band 66	20M	2155	66886	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	20.28	20.44
		Band 66	1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	12.55	12.72
		Band 66	2	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	12.34	12.58
	CA_2A-2A-12A-30A	Band 2	1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 12	10M	737.5	5095		Band 30	10M	2355	9820	4x4MIMO	12.09	12.26
		Band 2	2	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 12	10M	737.5	5095		Band 30	10M	2355	9820	4x4MIMO	13.04	13.19
		Band 12	1	10M	707.5	23095	QPSK	1	0		Band 30	10M	2355	9820	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	21.96	22.16
		Band 12	2	10M	707.5	23095	QPSK	1	0		Band 30	10M	2355	9820	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	22.30	22.49
		Band 30	1	10M	2310	27710	QPSK	1	0	4x4MIMO	Band 12	10M	737.5	5095		Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	12.09	12.33
		Band 30	2	10M	2310	27710	QPSK	1	0	4x4MIMO	Band 12	10M	737.5	5095		Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	15.91	16.1
	CA_2A-2A-12A-66A	Band 2	1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 12	10M	737.5	5095		Band 66	20M	2155	66886	4x4MIMO	12.10	12.26
		Band 2	2	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 12	10M	737.5	5095		Band 66	20M	2155	66886	4x4MIMO	13.03	13.19
		Band 12	1	10M	707.5	23095	QPSK	1	0		Band 66	20M	2155	66886	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	21.99	22.16
		Band 12	2	10M	707.5	23095	QPSK	1	0		Band 66	20M	2155	66886	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	22.25	22.49
		Band 66	1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 12	10M	737.5	5095		Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	12.53	12.72
		Band 66	2	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 12	10M	737.5	5095		Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	12.43	12.58
	CA_2A-2A-14A-30A	Band 2	1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 14	10M	763	5330		Band 30	10M	2355	9820	4x4MIMO	12.06	12.26
		Band 2	2	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 14	10M	763	5330		Band 30	10M	2355	9820	4x4MIMO	13.00	13.19
		Band 14	1	10M	793	23330	QPSK	1	0		Band 30	10M	2355	9820	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	22.66	22.95
		Band 30	1	10M	2310	27710	QPSK	1	0	4x4MIMO	Band 14	10M	763	5330		Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	12.16	12.33
		Band 30	2	10M	2310	27710	QPSK	1	0	4x4MIMO	Band 14	10M	763	5330		Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	15.95	16.1
	CA_2A-2A-14A-66A	Band 2	1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 14	10M	763	5330		Band 66	20M	2155	66886	4x4MIMO	12.06	12.26
		Band 2	2	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 14	10M	763	5330		Band 66	20M	2155	66886	4x4MIMO	13.00	13.19
		Band 14	1	10M	793	23330	QPSK	1	0		Band 66	20M	2155	66886	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	22.66	22.95
		Band 66	1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 14	10M	763	5330		Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	12.55	12.72
		Band 66	2	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 14	10M	763	5330		Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	12.43	12.58
	CA_2A-2A-29A-30A	Band 2	1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 29	10M	722.5	9715		Band 30	10M	2355	9820	4x4MIMO	12.06	12.26
		Band 2	2	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 29	10M	722.5	9715		Band 30	10M	2355	9820	4x4MIMO	13.02	13.19
		Band 30	1	10M	2310	27710	QPSK	1	0	4x4MIMO	Band 29	10M	722.5	9715		Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	12.04	12.33
		Band 30	2	10M	2310	27710	QPSK	1	0	4x4MIMO	Band 29	10M	722.5	9715		Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	15.93	16.1
	CA_2A-2A-30A-66A	Band 2	1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 30	10M	2355	9820	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	12.11	12.26
		Band 2	2	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 30	10M	2355	9820	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	12.99	13.19
		Band 30	1	10M	2310	27710	QPSK	1	0	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	12.14	12.33
		Band 30	2	10M	2310	27710	QPSK	1	0	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	15.81	16.1
		Band 66	1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 30	10M	2355	9820	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	12.55	12.72
		Band 66	2	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 30	10M	2355	9820	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	12.43	12.58
	CA_2C-66A-66A	Band 2	1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	20M	1979.8	1098	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	12.06	12.26
		Band 2	2	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	20M	1979.8	1098	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	13.00	13.19
		Band 66	1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 2	20M	900	1960	4x4MIMO	Band 2	20M	1979.8	1098	4x4MIMO	12.43	12.72
		Band 66	2	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 2	20M	900	1960	4x4MIMO	Band 2	20M	1979.8	1098	4x4MIMO	12.41	12.58
	CA_2A-2A-66B	Band 2	1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 66	15M	2155	66886	4x4MIMO	Band 66	5M	2164.3	66979	4x4MIMO	12.11	12.26
		Band 2	2	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 66	15M	2155	66886	4x4MIMO	Band 66	5M	2164.3	66979	4x4MIMO	12.99	13.19
		Band 66	1	15M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2164.3	66979	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	12.53	12.72
		Band 66	2	15M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2164.3	66979	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	12.29	12.58
	CA_2A-2A-66C	Band 2	1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 66	20M	2174.8	2353	4x4MIMO	12.09	12.26
		Band 2	2	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 66	20M	2174.8	2353	4x4MIMO	13.04	13.19
		Band 66	1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	20M	2174.8	2353	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	12.52	12.72
		Band 66	2	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	20M	2174.8	2353	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	12.41	12.58
	CA_2A-2A-66A-66A	Band 2	1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	11.97	12.26
		Band 2	2	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	13.00	13.19
		Band 66	1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	12.56	12.72
		Band 66	2	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	12.42	12.58
	CA_2A-2A-66A-71A	Band 2	1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 71	20M	637	68786		12.07	12.26
		Band 2	2	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 71	20M	637	68786		12.90	13.19
		Band 66	1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 71	20M	637	68786		Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	12.55	12.72
		Band 66	2	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 71	20M	637	68786		Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	12.43	12.58
		Band 71	1	20M	683	133322	QPSK	1	0		Band 66	20M	2155	66886	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	23.13	23.33
	CA_2A-4A-4A-12A	Band 2	1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	Band 12	10M	737.5	5095		12.05	12.26
		Band 2	2	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	Band 12	10M	737.5	5095		12.85	13.19
		Band 4	1	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	Band 12	10M	737.5	5095		12.35	12.5
		Band 4	2	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	Band 12	10M	737.5	5095		12.27	12.42
		Band 12	1	10M	707.5	23095	QPSK	1	0		Band 4	20M	2132.5	2175	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	21.96	22.16
		Band 12	2	10M	707.5	23095	QPSK	1	0		Band 4	20M	2132.5	2175	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	22.30	22.49
	CA_2A-5B-30A	Band 2	1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		Band 5	5M	888.7	2597		Band 30	10M	2355	9820	4x4MIMO	11.97	12.26
		Band 2	2	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		Band 5	5M	888.7	2597		Band 30	10M	2355	9820	4x4MIMO	13.02	13.19
		Band 30	1	10M	2310	27710	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		Band 5	5M	888.7	2597		Band 2	20M	1880	900	4x4MIMO	12.19	12.33
		Band 30	2	10M	2310	27710	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		Band 5	5M	888.7	2597		Band 2	20M	1880	900	4x4MIMO	15.86	16.1
		Band 5	1	10M	836.5	20525	QPSK	1	0		Band 5	5M	888.7	2597		Band 30	10M	2355	9820	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	20.08	20.29
		Band 5	2	10M	836.5	20525	QPSK	1	0		Band 5	5M	888.7	2597		Band 30	10M	2355	9820	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	20.10	20.44
	CA_2A-5B-66A	Band 2	1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		Band 5	5M	888.7	2597		Band 66	20M	2155	66886	4x4MIMO	12.09	12.26
		Band 2	2	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		Band 5	5M	888.7	2597		Band 66	20M	2155	66886	4x4MIMO	13.05	13.19
		Band 5	1	10M	836.5	20525	QPSK	1	0		Band 5	5M	888.7	2597		Band 66	20M	2155	66886	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	20.05	20.29
		Band 5	2	10M	836.5	20525	QPSK	1	0		Band 5	5M	888.7	2597		Band 66	20M	2155	66886	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	20.23	20.44
		Band 66	1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		Band 5	5M	888.7	2597		Band 2	20M	1880	900	4x4MIMO	12.38	12.72
		Band 66	2	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		Band 5	5M	888.7	2597		Band 2	20M	1880	900	4x4MIMO	12.43	12.58
	CA_2A-5A-66A-66A	Band 2	1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	12.11	12.26
		Band 2	2	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	12.99	13.19
		Band 5	1	10M	836.5	20525	QPSK	1	0		Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	20.10	20.29
		Band 5	2	10M	836.5	20525	QPSK	1	0		Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	20.10	20.44
		Band 66	1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 5	10M	836.5	2525		Band 2	20M	1880	900	4x4MIMO	12.57	12.72
		Band 66	2	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 5	10M	836.5	2525		Band 2	20M	1880	900	4x4MIMO	12.44	12.58
	CA_2A-12A-66C	Band 2	1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 12	10M	737.5	5095		Band 66	20M	2155	66886	4x4MIMO	Band 66	20M	2174.8	67084	4x4MIMO	12.06	12.26
		Band 2	2	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 12	10M	737.5	5095		Band 66	20M	2155	66886	4x4MIMO	Band 66	20M	2174.8	67084	4x4MIMO	13.00	13.19
		Band 66	1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	20M	2174.8	67084	4x4MIMO	Band 12	10M	737.5	5095		Band 2	20M	1880	900	4x4MIMO	12.43	12.72
		Band 66	2	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	20M	2174.8	67084	4x4MIMO	Band 12	10M	737.5	5095		Band 2	20M	1880	900	4x4MIMO	12.41	12.58
		Band 12	1	10M	707.5	23095	QPSK	1	0		Band 66	20M	2155	66886	4x4MIMO	Band 66	20M	2174.8	67084	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	22.01	22.16
		Band 12	2	10M	707.5	23095	QPSK	1	0		Band 66	20M	2155	66886	4x4MIMO	Band 66	20M	2174.8	67084	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	22.29	22.49
	CA_2A-12A-66A-66A	Band 2	1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 12	10M	737.5	5095		Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	12.07	12.26
		Band 2	2	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 12	10M	737.5	5095		Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	12.85	13.19
		Band 12	1	10M	707.5	23095	QPSK	1	0		Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	22.01	22.16
		Band 12	2	10M	707.5	23095	QPSK	1	0		Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	22.34	22.49
		Band 66	1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 12	10M	737.5	5095		Band 2	20M	1880	900	4x4MIMO	12.52	12.72
		Band 66	2	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 12	10M	737.5	5095		Band 2	20M	1880	900	4x4MIMO	12.39	12.58
	CA_2A-14A-66A-66A	Band 2	1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 14	10M	763	5330		Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	11.97	12.26
		Band 2	2	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 14	10M	763	5330		Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	13.04	13.19
		Band 14	1	10M	793	23330	QPSK	1	0		Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	22.81	22.95
		Band 66	1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 14	10M	763	5330		Band 2	20M	1880	900	4x4MIMO	12.48	12.72
		Band 66	2	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 14	10M	763	5330		Band 2	20M	1880	900	4x4MIMO	12.37	12.58
	CA_2A-30A-66A-66A	Band 2	1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 30	10M	2355	9820	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	11.97	12.26
		Band 2	2	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 30	10M	2355	9820	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	13.02	13.19
		Band 30	1	10M	2310	27710	QPSK	1	0	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	12.19	12.33
		Band 30	2	10M	2310	27710	QPSK	1	0	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	15.86	16.1

		Band 66	1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 30	10M	2310	9820	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	12.51	12.72
		Band 66	2	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 30	10M	2310	9820	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	12.24	12.58
	CA_2A-66A-66A-66A	Band 2	1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	12.11	12.26
		Band 2	2	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	13.06	13.19
		Band 66	1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	12.48	12.72
		Band 66	2	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	12.37	12.58
	CA_2A-66C-71A	Band 2	1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 66	20M	2174.8	67084	4x4MIMO	Band 71	20M	637	68786		11.92	12.26
		Band 2	2	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 66	20M	2174.8	67084	4x4MIMO	Band 71	20M	637	68786		13.04	13.19
		Band 71	1	20M	683	133322	QPSK	1	0		Band 66	20M	2155	66886	4x4MIMO	Band 66	20M	2174.8	67084	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	23.19	23.33
		Band 66	1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	20M	2164.8	66984	4x4MIMO	Band 71	20M	637	68786		Band 2	20M	1880	900	4x4MIMO	12.48	12.72
		Band 66	2	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	20M	2164.8	66984	4x4MIMO	Band 71	20M	637	68786		Band 2	20M	1880	900	4x4MIMO	12.37	12.58
	CA_2A-66A-66A-71A	Band 2	1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 71	20M	637	68786		11.87	12.26
		Band 2	2	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 71	20M	637	68786		13.06	13.19
		Band 66	1	20M	683	133322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 71	20M	637	68786		Band 2	20M	1880	900	4x4MIMO	12.58	12.72
		Band 66	2	20M	683	133322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 71	20M	637	68786		Band 2	20M	1880	900	4x4MIMO	12.34	12.58
		Band 71	1	20M	683	133322	QPSK	1	0		Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	23.12	23.33
	CA_4A-4A-5A-30A	Band 4	1	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	Band 5	10M	881.5	2525		Band 30	10M	2355	9820	4x4MIMO	12.16	12.5
		Band 4	2	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	Band 5	10M	881.5	2525		Band 30	10M	2355	9820	4x4MIMO	12.29	12.42
		Band 5	1	10M	836.5	20525	QPSK	1	0		Band 30	10M	2355	9820	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	20.16	20.29
		Band 5	2	10M	836.5	20525	QPSK	1	0		Band 30	10M	2355	9820	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	20.16	20.44
		Band 30	1	10M	2310	27710	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		Band 4	20M	2132.5	2175	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	12.10	12.33
		Band 30	2	10M	2310	27710	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		Band 4	20M	2132.5	2175	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	15.76	16.1
	CA_4A-4A-12A-30A	Band 4	1	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	Band 12	10M	737.5	5095		Band 30	10M	2355	9820	4x4MIMO	12.35	12.5
		Band 4	2	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	Band 12	10M	737.5	5095		Band 30	10M	2355	9820	4x4MIMO	12.28	12.42
		Band 12	1	10M	707.5	23095	QPSK	1	0		Band 30	10M	2355	9820	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	21.88	22.16
		Band 12	2	10M	707.5	23095	QPSK	1	0		Band 30	10M	2355	9820	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	22.26	22.49
		Band 30	1	10M	2310	27710	QPSK	1	0	4x4MIMO	Band 12	10M	737.5	5095		Band 4	20M	2132.5	2175	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	11.94	12.33
		Band 30	2	10M	2310	27710	QPSK	1	0	4x4MIMO	Band 12	10M	737.5	5095		Band 4	20M	2132.5	2175	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	15.97	16.1
	CA_4A-4A-29A-30A	Band 4	1	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	Band 29	10M	722.5	9715		Band 30	10M	2355	9820	4x4MIMO	12.36	12.5
		Band 4	2	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	Band 29	10M	722.5	9715		Band 30	10M	2355	9820	4x4MIMO	12.14	12.42
		Band 30	1	10M	2310	27710	QPSK	1	0	4x4MIMO	Band 29	10M	722.5	9715		Band 4	20M	2132.5	2175	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	12.10	12.33
		Band 30	2	10M	2310	27710	QPSK	1	0	4x4MIMO	Band 29	10M	722.5	9715		Band 4	20M	2132.5	2175	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	15.71	16.1
	CA_5B-30A-66A	Band 5	1	10M	836.5	20525	QPSK	1	0		Band 5	5M	881.2	2597		Band 30	10M	2355	9820	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	20.14	20.29
		Band 5	2	10M	836.5	20525	QPSK	1	0		Band 5	5M	881.2	2597		Band 30	10M	2355	9820	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	20.30	20.44
		Band 66	1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 30	10M	2355	9820	4x4MIMO	Band 5	10M	881.5	2525		Band 5	5M	881.2	2597		12.48	12.72
		Band 66	2	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 30	10M	2355	9820	4x4MIMO	Band 5	10M	881.5	2525		Band 5	5M	881.2	2597		12.37	12.58
		Band 30	1	10M	2310	27710	QPSK	1	0	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 5	10M	881.5	2525		Band 5	5M	881.2	2597		11.94	12.33
		Band 30	2	10M	2310	27710	QPSK	1	0	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 5	10M	881.5	2525		Band 5	5M	881.2	2597		15.97	16.1
	CA_5B-66A-66A	Band 5	1	10M	836.5	20525	QPSK	1	0		Band 5	5M	881.2	2597		Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	20.16	20.29
		Band 5	2	10M	836.5	20525	QPSK	1	0		Band 5	5M	881.2	2597		Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	20.20	20.44
		Band 66	1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 5	10M	881.5	2525		Band 5	5M	881.2	2597		12.51	12.72
		Band 66	2	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 5	10M	881.5	2525		Band 5	5M	881.2	2597		12.24	12.58
	CA_5A-30A-66A-66A	Band 5	1	10M	836.5	20525	QPSK	1	0		Band 30	10M	2355	9820	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	20.14	20.29
		Band 5	2	10M	836.5	20525	QPSK	1	0		Band 30	10M	2355	9820	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	20.29	20.44
		Band 30	1	10M	2310	27710	QPSK	1	0	4x4MIMO	Band 5	10M	881.2	2525		Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	12.13	12.33
		Band 30	2	10M	2310	27710	QPSK	1	0	4x4MIMO	Band 5	10M	881.2	2525		Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	15.91	16.1
		Band 66	1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 30	10M	2355	9820	4x4MIMO	Band 5	10M	881.5	2525		12.38	12.72
		Band 66	2	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 30	10M	2355	9820	4x4MIMO	Band 5	10M	881.5	2525		12.43	12.58
	CA_12A-30A-66A-66A	Band 12	1	10M	707.5	23095	QPSK	1	0		Band 30	10M	2355	9820	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	22.01	22.16
		Band 12	2	10M	707.5	23095	QPSK	1	0		Band 30	10M	2355	9820	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	22.29	22.49
		Band 30	1	10M	2310	27710	QPSK	1	0	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 12	10M	737.5	5095		12.14	12.33
		Band 30	2	10M	2310	27710	QPSK	1	0	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 12	10M	737.5	5095		15.81	16.1
		Band 66	1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 30	10M	2355	9820	4x4MIMO	Band 12	10M	737.5	5095		12.55	12.72
		Band 66	2	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 30	10M	2355	9820	4x4MIMO	Band 12	10M	737.5	5095		12.44	12.58
	CA_14A-30A-66A-66A	Band 14	1	10M	793	23330	QPSK	1	0		Band 30	10M	2355	9820	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	22.75	22.95
		Band 30	1	10M	2310	27710	QPSK	1	0	4x4MIMO	Band 14	10M	763	5330		Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	12.14	12.33
		Band 30	2	10M	2310	27710	QPSK	1	0	4x4MIMO	Band 14	10M	763	5330		Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	15.81	16.1
		Band 66	1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 30	10M	2355	9820	4x4MIMO	Band 14	10M	763	5330		12.55	12.72
		Band 66	2	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 30	10M	2355	9820	4x4MIMO	Band 14	10M	763	5330		12.43	12.58
	CA_14A-66A-66A-66A	Band 14	1	10M	793	23330	QPSK	1	0		Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	22.75	22.95
		Band 66	2	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 14	10M	763	5330		12.39	12.58
		Band 66	2	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 14	10M	763	5330		12.29	12.58
	CA_25A-41D	Band 25	1	20M	1880	26340	QPSK	1	0	4x4MIMO	Band 41	20M	2593	40620	4x4MIMO	Band 41	20M	2612.8	40818	4x4MIMO	Band 41	20M	2632.6	41016	4x4MIMO	15.12	15.31
		Band 41	1	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	20M	2612.8	40818	4x4MIMO	Band 41	20M	2632.6	41016	4x4MIMO	Band 25	20M	1960	8340	4x4MIMO	16.67	16.83
	CA_29A-30A-66A-66A	Band 30	1	10M	2310	27710	QPSK	1	0	4x4MIMO	Band 29	10M	722.5	9715		Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	12.17	12.33
		Band 30	2	10M	2310	27710	QPSK	1	0	4x4MIMO	Band 29	10M	722.5	9715		Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	15.93	16.1
		Band 66	1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 30	10M	2355	9820	4x4MIMO	Band 29	10M	722.5	9715		16.59	16.83
		Band 66	2	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 30	10M	2355	9820	4x4MIMO	Band 29	10M	722.5	9715		16.64	16.83
	CA_41C-41C	Band 41	1	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	20M	2612.8	40818	4x4MIMO	Band 41	5M	2498.5	39675	4x4MIMO	Band 41	20M	2510.2	39792	4x4MIMO	16.67	16.83
	CA_41C-41C	Band 41	1	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	20M	2612.8	40818	4x4MIMO	Band 41	5M	2502.5	39715	4x4MIMO	Band 41	20M	2514.2	39832	4x4MIMO	16.67	16.83
	CA_41E	Band 41	1	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	20M	2612.8	40818	4x4MIMO	Band 41	20M	2632.6	41016	4x4MIMO	Band 41	20M	2652.4	41214	4x4MIMO	16.66	16.83
	CA_41A-41D	Band 41	1	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	5M	2498.5	39675	4x4MIMO	Band 41	20M	2510.2	39792	4x4MIMO	Band 41	20M	2530	39990	4x4MIMO	16.59	16.83
		Band 41	1	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	5M	2502.5	39715	4x4MIMO	Band 41	20M	2514.2	39832	4x4MIMO	Band 41	20M	2534	40030	4x4MIMO	16.64	16.83
		Band 41	1	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	20M	2612.8	40818	4x4MIMO	Band 41	20M	2632.6	41016	4x4MIMO	Band 41	5M	2498.5	39675	4x4MIMO	16.67	16.83
		Band 41	1	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	20M	2612.8	40818	4x4MIMO	Band 41	20M	2632.6	41016	4x4MIMO	Band 41	5M	2502.5	39715	4x4MIMO	16.67	16.83
	CA_41A-41A-41C	Band 41	1	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	5M	2498.5	39675	4x4MIMO	Band 41	20M	2510.2	39792	4x4MIMO	Band 41	20M	2530	39990	4x4MIMO	16.66	16.83
		Band 41	1	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	5M	2502.5	39715	4x4MIMO	Band 41	20M	2514.2	39832	4x4MIMO	Band 41	20M	2534	40030	4x4MIMO	16.59	16.83
		Band 41	1	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	20M	2612.8	40818	4x4MIMO	Band 41	5M	2498.5	39675	4x4MIMO	Band 41	20M	2680	41490	4x4MIMO	16.64	16.83
		Band 41	1	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	20M	2612.8	40818	4x4MIMO	Band 41	5M	2502.5	39715	4x4MIMO	Band 41	20M	2680	41490	4x4MIMO	16.67	16.83

Reduced Power Mode for Handheld on

2CA DL

Configure		PCC									SCC					Power	
		LTE Band	Antenna Port	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	DL Antenna Configuration	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	DL Antenna Configuration	With CA Tx. Power (dBm)	Without CA Tx. Power (dBm)
Inter-Band	CA_5A-41A	Band 5	1	10M	836.5	20525	QPSK	1	0		Band 41	20M	2593	40620	4x4MIMO	22.24	22.57
		Band 5	2	10M	836.5	20525	QPSK	1	0		Band 41	20M	2593	40620	4x4MIMO	22.19	22.45
		Band 41	1	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		21.42	21.78
	CA_25A-41A	Band 25	1	20M	1880	26340	QPSK	1	0	4x4MIMO	Band 41	20M	2593	40620	4x4MIMO	20.19	20.34
		Band 41	1	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 25	20M	1960	8340	4x4MIMO	21.46	21.78
	CA_26A-41A	Band 26	1	15M	831.5	26865	QPSK	1	0		Band 41	20M	2593	40620	4x4MIMO	22.98	23.22
		Band 41	1	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 26	15M	876.5	8865		21.49	21.78

3CA DL

Configure		PCC									SCC1					SCC2					Power	
		LTE Band	Antenna Port	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	DL Antenna Configuration	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	DL Antenna Configuration	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	DL Antenna Configuration	With CA Tx. Power (dBm)	Without CA Tx. Power (dBm)
Inter-Band	CA_2A-4A-29A	Band 2	1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO	Band 29	10M	722.5	9715		17.24	17.36
		Band 2	2	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO	Band 29	10M	722.5	9715		17.65	17.81
		Band 4	1	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 29	10M	722.5	9715		Band 2	20M	1960	900	4x4MIMO	15.97	16.21
		Band 4	2	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 29	10M	722.5	9715		Band 2	20M	1960	900	4x4MIMO	16.6	16.81
	CA_2A-4A-30A	Band 2	1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO	Band 30	10M	2355	9820	4x4MIMO	17.29	17.36
		Band 2	2	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO	Band 30	10M	2355	9820	4x4MIMO	17.63	17.81
		Band 4	1	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 30	10M	2355	9820	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	16.01	16.21
		Band 4	2	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 30	10M	2355	9820	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	16.52	16.81
		Band 30	1	10M	2310	27710	QPSK	1	0	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO	17.53	17.74
		Band 30	2	10M	2310	27710	QPSK	1	0	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO	20.79	20.86
	CA_2A-29A-66A	Band 2	1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 29	10M	722.5	9715		Band 66	20M	2155	66886	4x4MIMO	17.21	17.36
		Band 2	2	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 29	10M	722.5	9715		Band 66	20M	2155	66886	4x4MIMO	17.65	17.81
		Band 66	1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	Band 29	10M	722.5	9715		16.19	16.38
		Band 66	2	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	Band 29	10M	722.5	9715		16.74	16.97

Configure		PCC									SCC1					SCC2					Power	
		LTE Band	Antenna Port	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	DL Antenna Configuration	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	DL Antenna Configuration	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	DL Antenna Configuration	With CA Tx. Power (dBm)	Without CA Tx. Power (dBm)
Inter-Band	CA_2C-12A	Band 2	1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	20M	1979.8	1098	4x4MIMO	Band 12	10M	737.5	5095		17.25	17.36
		Band 2	2	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	20M	1979.8	1098	4x4MIMO	Band 12	10M	737.5	5095		17.69	17.81
		Band 12	1	10M	707.5	23095	QPSK	1	0		Band 2	20M	1960	900	4x4MIMO	Band 2	20M	1979.8	1098	4x4MIMO	22.51	22.69
		Band 12	2	10M	707.5	23095	QPSK	1	0		Band 2	20M	1960	900	4x4MIMO	Band 2	20M	1979.8	1098	4x4MIMO	22.25	22.49
	CA_4A-4A-71A	Band 4	1	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	Band 71	20M	637	68786		16.02	16.21
		Band 4	2	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	Band 71	20M	637	68786		16.78	16.81
		Band 71	1	20M	683	133322	QPSK	1	0		Band 4	20M	2132.5	2175	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	23.15	23.33
	CA_25A-25A-26A	Band 25	1	20M	1880	26340	QPSK	1	0	4x4MIMO	Band 25	5M	1992.5	8665	4x4MIMO	Band 26	15M	876.5	8865		20.14	20.34
		Band 26	1	15M	831.5	26865	QPSK	1	0		Band 25	20M	1960	8340	4x4MIMO	Band 25	5M	1992.5	8665	4x4MIMO	22.93	23.22
	CA_25A-41C	Band 25	1	20M	1880	26340	QPSK	1	0	4x4MIMO	Band 41	20M	2593	40620	4x4MIMO	Band 41	20M	2612.8	40818	4x4MIMO	20.15	20.34
		Band 41	1	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	20M	2612.8	40818	4x4MIMO	Band 25	20M	1960	8340	4x4MIMO	21.71	21.78
	CA_26A-41C	Band 26	1	15M	831.5	26865	QPSK	1	0		Band 41	20M	2593	40620	4x4MIMO	Band 41	20M	2612.8	40818	4x4MIMO	23.07	23.22
		Band 41	1	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	20M	2612.8	40818	4x4MIMO	Band 26	15M	876.5	8865		21.6	21.78
	CA_41A-41A-41A	Band 41	1	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	5M	2687.5	41565	4x4MIMO	Band 41	20M	2506	39750	4x4MIMO	21.54	21.78
	CA_41A-41A-41A	Band 41	1	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	5M	2687.5	41565	4x4MIMO	Band 41	20M	2510	39790	4x4MIMO	21.57	21.78
	CA_66A-66B	Band 66	1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2112.5	66461	4x4MIMO	Band 66	15M	2121.8	66554	4x4MIMO	16.27	16.38
		Band 66	2	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2112.5	66461	4x4MIMO	Band 66	15M	2121.8	66554	4x4MIMO	16.82	16.97
		Band 66	1	15M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2164.3	66979	4x4MIMO	Band 66	20M	2120	66536	4x4MIMO	15.6	15.78
		Band 66	2	15M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2164.3	66979	4x4MIMO	Band 66	20M	2120	66536	4x4MIMO	16.3	16.54
	CA_66A-66C	Band 66	1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2112.5	66461	4x4MIMO	Band 66	20M	2124.2	66578	4x4MIMO	16.17	16.38
		Band 66	2	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2112.5	66461	4x4MIMO	Band 66	20M	2124.2	66578	4x4MIMO	16.9	16.97
		Band 66	1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	20M	2174.8	67084	4x4MIMO	Band 66	5M	2112.5	66461	4x4MIMO	16.26	16.38
		Band 66	2	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	20M	2174.8	67084	4x4MIMO	Band 66	5M	2112.5	66461	4x4MIMO	16.81	16.97

4CA DL

Configure		PCC									SCC1					SCC2					SCC3					Power	
		LTE	Antenna Port	BW	UL	UL	Mod.	UL#	UL	DL Antenna Configuration	LTE	BW	DL	DL	DL Antenna Configuration	LTE	BW	DL	DL	DL Antenna Configuration	LTE	BW	DL	DL	DL Antenna Configuration	With CA	Without CA
		Band		(MHz)	Freq. (MHz)	Channel		RB	RB Offset		Band	(MHz)	Freq. (MHz)	Channel		Band	(MHz)	Freq. (MHz)	Channel		Band	(MHz)	Freq. (MHz)	Channel		Tx. Power (dBm)	Tx. Power (dBm)
Inter-Band	CA_2A-2A-4A-4A	Band 2	1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	17.06	17.36
		Band 2	2	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	17.63	17.81
		Band 4	1	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	15.98	16.21
		Band 4	2	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	16.62	16.81
	CA_2A-2A-4A-5A	Band 2	1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO	Band 5	10M	881.5	2525		17.09	17.36
		Band 2	2	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO	Band 5	10M	881.5	2525		17.66	17.81
		Band 4	1	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	Band 5	10M	881.5	2525		15.84	16.21
		Band 4	2	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	Band 5	10M	881.5	2525		16.65	16.81
		Band 5	1	10M	836.5	20525	QPSK	1	0		Band 4	20M	2132.5	2175	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	22.37	22.57
		Band 5	2	10M	836.5	20525	QPSK	1	0		Band 4	20M	2132.5	2175	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	22.17	22.45
	CA_2A-2A-4A-12A	Band 2	1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO	Band 12	10M	737.5	5095		17.10	17.36
		Band 2	2	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO	Band 12	10M	737.5	5095		17.51	17.81
		Band 4	1	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 12	10M	737.5	5095		Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	16.03	16.21
		Band 4	2	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 12	10M	737.5	5095		Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	16.67	16.81
		Band 12	1	10M	707.5	23095	QPSK	1	0		Band 4	20M	2132.5	2175	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	22.47	22.69
		Band 12	2	10M	707.5	23095	QPSK	1	0		Band 4	20M	2132.5	2175	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	22.29	22.49
	CA_2A-2A-4A-71A	Band 2	1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO	Band 71	20M	637	68786		17.14	17.36
		Band 2	2	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO	Band 71	20M	637	68786		17.60	17.81
		Band 4	1	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 71	20M	637	68786		Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	15.93	16.21
		Band 4	2	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 71	20M	637	68786		Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	16.57	16.81
		Band 71	1	20M	683	133322	QPSK	1	0		Band 4	20M	2132.5	2175	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	23.21	23.33
	CA_2A-2A-5B	Band 2	1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 5	10M	881.5	2525		Band 5	5M	881.2	2597		17.16	17.36
		Band 2	2	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 5	10M	881.5	2525		Band 5	5M	881.2	2597		17.59	17.81
		Band 5	1	10M	836.5	20525	QPSK	1	0		Band 5	5M	881.2	2597		Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	22.36	22.57
		Band 5	2	10M	836.5	20525	QPSK	1	0		Band 5	5M	881.2	2597		Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	22.20	22.45
	CA_2A-2A-5A-30A	Band 2	1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 5	10M	881.5	2525		Band 30	10M	2355	9820	4x4MIMO	17.03	17.36
		Band 2	2	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 5	10M	881.5	2525		Band 30	10M	2355	9820	4x4MIMO	17.66	17.81
		Band 5	1	10M	836.5	20525	QPSK	1	0		Band 30	10M	2355	9820	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	22.34	22.57
		Band 5	2	10M	836.5	20525	QPSK	1	0		Band 30	10M	2355	9820	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	22.26	22.45
		Band 30	1	10M	2310	27710	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	17.47	17.74
		Band 30	2	10M	2310	27710	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	20.81	20.86
	CA_2A-2A-5A-66A	Band 2	1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 5	10M	881.5	2525		Band 66	20M	2155	66886	4x4MIMO	16.99	17.36
		Band 2	2	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 5	10M	881.5	2525		Band 66	20M	2155	66886	4x4MIMO	17.72	17.81
		Band 5	1	10M	836.5	20525	QPSK	1	0		Band 66	20M	2155	66886	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	22.40	22.57
		Band 5	2	10M	836.5	20525	QPSK	1	0		Band 66	20M	2155	66886	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	22.40	22.45
		Band 66	1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	16.01	16.38
		Band 66	2	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	16.81	16.97
	CA_2A-2A-12A-30A	Band 2	1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 12	10M	737.5	5095		Band 30	10M	2355	9820	4x4MIMO	17.16	17.36
		Band 2	2	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 12	10M	737.5	5095		Band 30	10M	2355	9820	4x4MIMO	17.53	17.81
		Band 12	1	10M	707.5	23095	QPSK	1	0		Band 30	10M	2355	9820	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	22.45	22.69
		Band 12	2	10M	707.5	23095	QPSK	1	0		Band 30	10M	2355	9820	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	22.37	22.49
		Band 30	1	10M	2310	27710	QPSK	1	0	4x4MIMO	Band 12	10M	737.5	5095		Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	17.64	17.74
		Band 30	2	10M	2310	27710	QPSK	1	0	4x4MIMO	Band 12	10M	737.5	5095		Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	20.59	20.86
	CA_2A-2A-12A-66A	Band 2	1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 12	10M	737.5	5095		Band 66	20M	2155	66886	4x4MIMO	17.08	17.36
		Band 2	2	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 12	10M	737.5	5095		Band 66	20M	2155	66886	4x4MIMO	17.57	17.81
		Band 12	1	10M	707.5	23095	QPSK	1	0		Band 66	20M	2155	66886	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	22.57	22.69
		Band 12	2	10M	707.5	23095	QPSK	1	0		Band 66	20M	2155	66886	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	22.39	22.49
		Band 66	1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 12	10M	737.5	5095		Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	16.06	16.38
		Band 66	2	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 12	10M	737.5	5095		Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	16.66	16.97
	CA_2A-2A-14A-30A	Band 2	1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 14	10M	763	5330		Band 30	10M	2355	9820	4x4MIMO	17.21	17.36
		Band 2	2	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 14	10M	763	5330		Band 30	10M	2355	9820	4x4MIMO	17.58	17.81
		Band 14	1	10M	793	23330	QPSK	1	0		Band 30	10M	2355	9820	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	22.79	22.95
		Band 30	1	10M	2310	27710	QPSK	1	0	4x4MIMO	Band 14	10M	763	5330		Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	17.54	17.74
		Band 30	2	10M	2310	27710	QPSK	1	0	4x4MIMO	Band 14	10M	763	5330		Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	20.58	20.86
	CA_2A-2A-14A-66A	Band 2	1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 14	10M	763	5330		Band 66	20M	2155	66886	4x4MIMO	17.12	17.36
		Band 2	2	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 14	10M	763	5330		Band 66	20M	2155	66886	4x4MIMO	17.69	17.81
		Band 14	1	10M	793	23330	QPSK	1	0		Band 66	20M	2155	66886	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	22.78	22.95
		Band 66	1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 14	10M	763	5330		Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	16.23	16.38
		Band 66	2	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 14	10M	763	5330		Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	16.60	16.97
	CA_2A-2A-29A-30A	Band 2	1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 29	10M	722.5	9715		Band 30	10M	2355	9820	4x4MIMO	17.20	17.36
		Band 2	2	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 29	10M	722.5	9715		Band 30	10M	2355	9820	4x4MIMO	17.61	17.81
		Band 30	1	10M	2310	27710	QPSK	1	0	4x4MIMO	Band 29	10M	722.5	9715		Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	17.50	17.74
		Band 30	2	10M	2310	27710	QPSK	1	0	4x4MIMO	Band 29	10M	722.5	9715		Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	20.74	20.86
	CA_2A-2A-30A-66A	Band 2	1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 30	10M	2355	9820	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	17.19	17.36
		Band 2	2	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 30	10M	2355	9820	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	17.66	17.81
		Band 30	1	10M	2310	27710	QPSK	1	0	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	17.47	17.74
		Band 30	2	10M	2310	27710	QPSK	1	0	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	20.60	20.86
		Band 66	1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 30	10M	2355	9820	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	16.13	16.38
		Band 66	2	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 30	10M	2355	9820	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	16.74	16.97
	CA_2C-66A-66A	Band 2	1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	20M	1979.8	1098	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	17.21	17.36
		Band 2	2	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	20M	1979.8	1098	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	17.44	17.81
		Band 66	1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 2	20M	900	1960	4x4MIMO	Band 2	20M	1979.8	1098	4x4MIMO	16.23	16.38
		Band 66	2	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 2	20M	900	1960	4x4MIMO	Band 2	20M	1979.8	1098	4x4MIMO	16.74	16.97
	CA_2A-2A-66B	Band 2	1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 66	15M	2155	66886	4x4MIMO	Band 66	5M	2164.3	66979	4x4MIMO	17.21	17.36
		Band 2	2	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 66	15M	2155	66886	4x4MIMO	Band 66	5M	2164.3	66979	4x4MIMO	17.44	17.81
		Band 66	1	15M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2164.3	66979	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	16.22	16.38
		Band 66	2	15M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2164.3	66979	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	16.72	16.97
	CA_2A-2A-66C	Band 2	1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 66	20M	2174.8	2353	4x4MIMO	17.13	17.36
		Band 2	2	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 66	20M	2174.8	2353	4x4MIMO	17.62	17.81
		Band 66	1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	20M	2174.8	2353	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	16.18	16.38
		Band 66	2	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	20M	2174.8	2353	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	16.75	16.97
	CA_2A-2A-66A-66A	Band 2	1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	17.15	17.36
		Band 2	2	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	17.56	17.81
		Band 66	1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	16.05	16.38
		Band 66	2	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	16.88	16.97
	CA_2A-2A-66A-71A	Band 2	1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 71	20M	637	68786		17.19	17.36
		Band 2	2	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 71	20M	637	68786		17.66	17.81
		Band 66	1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 71	20M	637	68786		Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	16.01	16.38
		Band 66	2	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 71	20M	637	68786		Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	16.71	16.97
		Band 71	1	20M	683	133322	QPSK	1	0		Band 66	20M	2155	66886	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	Band 2	5M	1987.5	1175	4x4MIMO	23.13	23.33
	CA_2A-4A-4A-12A	Band 2	1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	Band 12	10M	737.5	5095		17.08	17.36
		Band 2	2	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	Band 12	10M	737.5	5095		17.57	17.81
		Band 4	1	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	Band 12	10M	737.5	5095		15.99	16.21
		Band 4	2	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	Band 12	10M	737.5	5095		16.71	16.81
		Band 12	1	10M	707.5	23095	QPSK	1	0		Band 4	20M	2132.5	2175	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	22.37	22.69
		Band 12	2	10M	707.5	23095	QPSK	1	0		Band 4	20M	2132.5	2175	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	22.12	22.49
	CA_2A-5B-30A	Band 2	1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		Band 5	5M	888.7	2597		Band 30	10M	2355	9820	4x4MIMO	17.20	17.36
		Band 2	2	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		Band 5	5M	888.7	2597		Band 30	10M	2355	9820	4x4MIMO	17.61	17.81
		Band 30	1	10M	2310	27710	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		Band 5	5M	888.7	2597		Band 2	20M	1880	900	4x4MIMO	17.46	17.74
		Band 30	2	10M	2310	27710	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		Band 5	5M	888.7	2597		Band 2	20M	1880	900	4x4MIMO	20.62	20.86
		Band 5	1	10M	836.5	20525	QPSK	1	0		Band 5	5M	888.7	2597		Band 30	10M	2355	9820	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	22.45	22.57
		Band 5	2	10M	836.5	20525	QPSK	1	0		Band 5	5M	888.7	2597		Band 30	10M	2355	9820	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	22.35	22.45
	CA_2A-5B-66A	Band 2	1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		Band 5	5M	888.7	2597		Band 66	20M	2155	66886	4x4MIMO	17.21	17.36
		Band 2	2	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		Band 5	5M	888.7	2597		Band 66	20M	2155	66886	4x4MIMO	17.44	17.81
		Band 5	1	10M	836.5	20525	QPSK	1	0		Band 5	5M	888.7	2597		Band 66	20M	2155	66886	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	22.47	22.57
		Band 5	2	10M	836.5	20525	QPSK	1	0		Band 5	5M	888.7	2597		Band 66	20M	2155	66886	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	22.13	22.45
		Band 66	1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		Band 5	5M	888.7	2597		Band 2	20M	1880	900	4x4MIMO	16.07	16.38
		Band 66	2	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		Band 5	5M	888.7	2597		Band 2	20M	1880	900	4x4MIMO	16.82	16.97
	CA_2A-5A-66A-66A	Band 2	1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	17.13	17.36
		Band 2	2	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	17.62	17.81
		Band 5	1	10M	836.5	20525	QPSK	1	0		Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	22.40	22.57
		Band 5	2	10M	836.5	20525	QPSK	1	0		Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	22.30	22.45
		Band 66	1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 5	10M	836.5	2525		Band 2	20M	1880	900	4x4MIMO	16.18	16.38
		Band 66	2	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 5	10M	836.5	2525		Band 2	20M	1880	900	4x4MIMO	16.75	16.97
	CA_2A-12A-66C	Band 2	1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 12	10M	737.5	5095		Band 66	20M	2155	66886	4x4MIMO	Band 66	20M	2174.8	67084	4x4MIMO	17.15	17.36
		Band 2	2	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 12	10M	737.5	5095		Band 66	20M	2155	66886	4x4MIMO	Band 66	20M	2174.8	67084	4x4MIMO	17.62	17.81
		Band 66	1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	20M	2174.8	67084	4x4MIMO	Band 12	10M	737.5	5095		Band 2	20M	1880	900	4x4MIMO	16.11	16.38
		Band 66	2	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	20M	2174.8	67084	4x4MIMO	Band 12	10M	737.5	5095		Band 2	20M	1880	900	4x4MIMO	16.92	16.97
		Band 12	1	10M	707.5	23095	QPSK	1	0		Band 66	20M	2155	66886	4x4MIMO	Band 66	20M	2174.8	67084	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	22.59	22.69
		Band 12	2	10M	707.5	23095	QPSK	1	0		Band 66	20M	2155	66886	4x4MIMO	Band 66	20M	2174.8	67084	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	22.17	22.49
	CA_2A-12A-66A-66A	Band 2	1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 12	10M	737.5	5095		Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	17.05	17.36
		Band 2	2	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 12	10M	737.5	5095		Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	17.51	17.81
		Band 12	1	10M	707.5	23095	QPSK	1	0		Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	22.46	22.69
		Band 12	2	10M	707.5	23095	QPSK	1	0		Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	22.30	22.49
		Band 66	1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 12	10M	737.5	5095		Band 2	20M	1880	900	4x4MIMO	16.11	16.38
		Band 66	2	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 12	10M	737.5	5095		Band 2	20M	1880	900	4x4MIMO	16.77	16.97
	CA_2A-14A-66A-66A	Band 2	1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 14	10M	763	5330		Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	17.09	17.36
		Band 2	2	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 14	10M	763	5330		Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	17.62	17.81
		Band 14	1	10M	793	23330	QPSK	1	0		Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	22.68	22.95
		Band 66	1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 14	10M	763	5330		Band 2	20M	1880	900	4x4MIMO	16.29	16.38
		Band 66	2	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 14	10M	763	5330		Band 2	20M	1880	900	4x4MIMO	16.75	16.97
	CA_2A-30A-66A-66A	Band 2	1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 30	10M	2355	9820	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	17.16	17.36
		Band 2	2	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 30	10M	2355	9820	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	17.59	17.81
		Band 30	1	10M	2310	27710	QPSK	1	0	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	17.60	17.74
		Band 30	2	10M	2310	27710	QPSK	1	0	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	20.64	20.86

		Band 66	1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 30	10M	2310	9820	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	16.23	16.38
		Band 66	2	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 30	10M	2310	9820	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	16.60	16.97
	CA_2A-66A-66A-66A	Band 2	1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	17.20	17.36
		Band 2	2	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	17.61	17.81
		Band 66	1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	16.10	16.38
		Band 66	2	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	16.73	16.97
	CA_2A-66C-71A	Band 2	1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 66	20M	2174.8	67084	4x4MIMO	Band 71	20M	637	68786		17.24	17.36
		Band 2	2	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 66	20M	2174.8	67084	4x4MIMO	Band 71	20M	637	68786		17.71	17.81
		Band 71	1	20M	683	133322	QPSK	1	0		Band 66	20M	2155	66886	4x4MIMO	Band 66	20M	2174.8	67084	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	23.01	23.33
		Band 66	1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	20M	2164.8	66984	4x4MIMO	Band 71	20M	637	68786		Band 2	20M	1880	900	4x4MIMO	16.17	16.38
		Band 66	2	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	20M	2164.8	66984	4x4MIMO	Band 71	20M	637	68786		Band 2	20M	1880	900	4x4MIMO	16.72	16.97
	CA_2A-66A-66A-71A	Band 2	1	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 71	20M	637	68786		17.09	17.36
		Band 2	2	20M	1880	18900	QPSK	1	0	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 71	20M	637	68786		17.69	17.81
		Band 66	1	20M	683	133322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 71	20M	637	68786		Band 2	20M	1880	900	4x4MIMO	16.33	16.38
		Band 66	2	20M	683	133322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 71	20M	637	68786		Band 2	20M	1880	900	4x4MIMO	16.70	16.97
		Band 71	1	20M	683	133322	QPSK	1	0		Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 2	20M	1880	900	4x4MIMO	23.07	23.33
	CA_4A-4A-5A-30A	Band 4	1	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	Band 5	10M	881.5	2525		Band 30	10M	2355	9820	4x4MIMO	15.91	16.21
		Band 4	2	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	Band 5	10M	881.5	2525		Band 30	10M	2355	9820	4x4MIMO	16.69	16.81
		Band 5	1	10M	836.5	20525	QPSK	1	0		Band 30	10M	2355	9820	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	22.37	22.57
		Band 5	2	10M	836.5	20525	QPSK	1	0		Band 30	10M	2355	9820	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	22.23	22.45
		Band 30	1	10M	2310	27710	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		Band 4	20M	2132.5	2175	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	17.53	17.74
		Band 30	2	10M	2310	27710	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		Band 4	20M	2132.5	2175	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	20.61	20.86
	CA_4A-4A-12A-30A	Band 4	1	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	Band 12	10M	737.5	5095		Band 30	10M	2355	9820	4x4MIMO	15.98	16.21
		Band 4	2	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	Band 12	10M	737.5	5095		Band 30	10M	2355	9820	4x4MIMO	16.49	16.81
		Band 12	1	10M	707.5	23095	QPSK	1	0		Band 30	10M	2355	9820	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	22.38	22.69
		Band 12	2	10M	707.5	23095	QPSK	1	0		Band 30	10M	2355	9820	4x4MIMO	Band 4	20M	2132.5	2175	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	22.31	22.49
		Band 30	1	10M	2310	27710	QPSK	1	0	4x4MIMO	Band 12	10M	737.5	5095		Band 4	20M	2132.5	2175	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	17.47	17.74
		Band 30	2	10M	2310	27710	QPSK	1	0	4x4MIMO	Band 12	10M	737.5	5095		Band 4	20M	2132.5	2175	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	20.60	20.86
	CA_4A-4A-29A-30A	Band 4	1	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	Band 29	10M	722.5	9715		Band 30	10M	2355	9820	4x4MIMO	15.91	16.21
		Band 4	2	20M	1732.5	20175	QPSK	1	0	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	Band 29	10M	722.5	9715		Band 30	10M	2355	9820	4x4MIMO	16.66	16.81
		Band 30	1	10M	2310	27710	QPSK	1	0	4x4MIMO	Band 29	10M	722.5	9715		Band 4	20M	2132.5	2175	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	17.51	17.74
		Band 30	2	10M	2310	27710	QPSK	1	0	4x4MIMO	Band 29	10M	722.5	9715		Band 4	20M	2132.5	2175	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	20.67	20.86
	CA_5B-30A-66A	Band 5	1	10M	836.5	20525	QPSK	1	0		Band 5	5M	881.2	2597		Band 30	10M	2355	9820	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	22.47	22.57
		Band 5	2	10M	836.5	20525	QPSK	1	0		Band 5	5M	881.2	2597		Band 30	10M	2355	9820	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	22.13	22.45
		Band 66	1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 30	10M	2355	9820	4x4MIMO	Band 5	10M	881.5	2525		Band 5	5M	881.2	2597		16.07	16.38
		Band 66	2	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 30	10M	2355	9820	4x4MIMO	Band 5	10M	881.5	2525		Band 5	5M	881.2	2597		16.82	16.97
		Band 30	1	10M	2310	27710	QPSK	1	0	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 5	10M	881.5	2525		Band 5	5M	881.2	2597		17.51	17.74
		Band 30	2	10M	2310	27710	QPSK	1	0	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 5	10M	881.5	2525		Band 5	5M	881.2	2597		20.61	20.86
	CA_5B-66A-66A	Band 5	1	10M	836.5	20525	QPSK	1	0		Band 5	5M	881.2	2597		Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	22.24	22.57
		Band 5	2	10M	836.5	20525	QPSK	1	0		Band 5	5M	881.2	2597		Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	22.36	22.45
		Band 66	1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 5	10M	881.5	2525		Band 5	5M	881.2	2597		16.21	16.38
		Band 66	2	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 5	10M	881.5	2525		Band 5	5M	881.2	2597		16.82	16.97
	CA_5A-30A-66A-66A	Band 5	1	10M	836.5	20525	QPSK	1	0		Band 30	10M	2355	9820	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	22.20	22.57
		Band 5	2	10M	836.5	20525	QPSK	1	0		Band 30	10M	2355	9820	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	22.29	22.45
		Band 30	1	10M	2310	27710	QPSK	1	0	4x4MIMO	Band 5	10M	881.2	2525		Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	17.54	17.74
		Band 30	2	10M	2310	27710	QPSK	1	0	4x4MIMO	Band 5	10M	881.2	2525		Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	20.58	20.86
		Band 66	1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 30	10M	2355	9820	4x4MIMO	Band 5	10M	881.5	2525		16.19	16.38
		Band 66	2	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 30	10M	2355	9820	4x4MIMO	Band 5	10M	881.5	2525		16.77	16.97
	CA_12A-30A-66A-66A	Band 12	1	10M	707.5	23095	QPSK	1	0		Band 30	10M	2355	9820	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	22.32	22.69
		Band 12	2	10M	707.5	23095	QPSK	1	0		Band 30	10M	2355	9820	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	22.33	22.49
		Band 30	1	10M	2310	27710	QPSK	1	0	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 12	10M	737.5	5095		17.64	17.74
		Band 30	2	10M	2310	27710	QPSK	1	0	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 12	10M	737.5	5095		20.54	20.86
		Band 66	1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 30	10M	2355	9820	4x4MIMO	Band 12	10M	737.5	5095		16.07	16.38
		Band 66	2	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 30	10M	2355	9820	4x4MIMO	Band 12	10M	737.5	5095		16.82	16.97
	CA_14A-30A-66A-66A	Band 14	1	10M	793	23330	QPSK	1	0		Band 30	10M	2355	9820	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	22.72	22.95
		Band 30	1	10M	2310	27710	QPSK	1	0	4x4MIMO	Band 14	10M	763	5330		Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	17.55	17.74
		Band 30	2	10M	2310	27710	QPSK	1	0	4x4MIMO	Band 14	10M	763	5330		Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	20.59	20.86
		Band 66	1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 30	10M	2355	9820	4x4MIMO	Band 14	10M	763	5330		16.33	16.38
		Band 66	2	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 30	10M	2355	9820	4x4MIMO	Band 14	10M	763	5330		16.65	16.97
	CA_14A-66A-66A-66A	Band 14	1	10M	793	23330	QPSK	1	0		Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	22.64	22.95
		Band 66	2	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 14	10M	763	5330		16.23	16.38
		Band 66	2	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	Band 14	10M	763	5330		16.74	16.97
	CA_25A-41D	Band 25	1	20M	1880	26340	QPSK	1	0	4x4MIMO	Band 41	20M	2593	40620	4x4MIMO	Band 41	20M	2612.8	40818	4x4MIMO	Band 41	20M	2632.6	41016	4x4MIMO	20.15	20.34
		Band 41	1	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	20M	2612.8	40818	4x4MIMO	Band 41	20M	2632.6	41016	4x4MIMO	Band 25	20M	1960	8340	4x4MIMO	23.06	23.33
	CA_29A-30A-66A-66A	Band 30	1	10M	2310	27710	QPSK	1	0	4x4MIMO	Band 29	10M	722.5	9715		Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	17.69	17.74
		Band 30	2	10M	2310	27710	QPSK	1	0	4x4MIMO	Band 29	10M	722.5	9715		Band 66	20M	2155	66886	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	20.71	20.86
		Band 66	1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 30	10M	2355	9820	4x4MIMO	Band 29	10M	722.5	9715		16.01	16.38
		Band 66	2	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	Band 30	10M	2355	9820	4x4MIMO	Band 29	10M	722.5	9715		16.81	16.97
	CA_41C-41C	Band 41	1	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	20M	2612.8	40818	4x4MIMO	Band 41	5M	2498.5	39675	4x4MIMO	Band 41	20M	2510.2	39792	4x4MIMO	23.13	23.33
	CA_41C-41C	Band 41	1	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	20M	2612.8	40818	4x4MIMO	Band 41	5M	2502.5	39715	4x4MIMO	Band 41	20M	2514.2	39832	4x4MIMO	23.05	23.33
	CA_41E	Band 41	1	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	20M	2612.8	40818	4x4MIMO	Band 41	20M	2632.6	41016	4x4MIMO	Band 41	20M	2652.4	41214	4x4MIMO	23.09	23.33
	CA_41A-41D	Band 41	1	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	5M	2498.5	39675	4x4MIMO	Band 41	20M	2510.2	39792	4x4MIMO	Band 41	20M	2530	39990	4x4MIMO	23.21	23.33
		Band 41	1	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	5M	2502.5	39715	4x4MIMO	Band 41	20M	2514.2	39832	4x4MIMO	Band 41	20M	2534	40030	4x4MIMO	23.23	23.33
		Band 41	1	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	20M	2612.8	40818	4x4MIMO	Band 41	20M	2632.6	41016	4x4MIMO	Band 41	5M	2498.5	39675	4x4MIMO	23.01	23.33
		Band 41	1	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	20M	2612.8	40818	4x4MIMO	Band 41	20M	2632.6	41016	4x4MIMO	Band 41	5M	2502.5	39715	4x4MIMO	23.02	23.33
	CA_41A-41A-41C	Band 41	1	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	5M	2498.5	39675	4x4MIMO	Band 41	20M	2510.2	39792	4x4MIMO	Band 41	20M	2530	39990	4x4MIMO	23.18	23.33
		Band 41	1	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	5M	2502.5	39715	4x4MIMO	Band 41	20M	2514.2	39832	4x4MIMO	Band 41	20M	2534	40030	4x4MIMO	23.10	23.33
		Band 41	1	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	20M	2612.8	40818	4x4MIMO	Band 41	5M	2498.5	39675	4x4MIMO	Band 41	20M	2680	41490	4x4MIMO	23.14	23.33
		Band 41	1	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	20M	2612.8	40818	4x4MIMO	Band 41	5M	2502.5	39715	4x4MIMO	Band 41	20M	2680	41490	4x4MIMO	23.06	23.33

LAT Reduced Power Mode for Sensor On-ENDC&UL CA

Band 2 (1900MHz Band)-UL CA&ENDC
Part 24E

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	14.41	14.46	14.23		
20	QPSK	1	49	14.36	14.21	14.22	15	0
20	QPSK	1	99	14.23	14.22	14.42		
20	QPSK	50	0	14.23	14.35	14.22		
20	QPSK	50	24	14.31	14.22	14.32	15	0
20	QPSK	50	50	14.33	13.96	14.02		
20	QPSK	100	0	14.32	14.33	14.23		
20	16QAM	1	0	14.33	14.35	14.45		
20	16QAM	1	49	14.28	14.31	14.33	15	0
20	16QAM	1	99	14.17	14.27	14.35		
20	16QAM	50	0	13.90	13.96	13.98		
20	16QAM	50	24	14.03	14.03	14.06	15	0
20	16QAM	50	50	13.99	14.05	14.11		
20	16QAM	100	0	13.96	13.93	13.99		
20	64QAM	1	0	14.16	14.29	14.42		
20	64QAM	1	49	14.00	14.14	14.00	15	0
20	64QAM	1	99	14.07	14.25	14.31		
20	64QAM	50	0	13.87	13.95	13.97		
20	64QAM	50	24	14.02	14.01	14.04	15	0
20	64QAM	50	50	13.96	14.03	14.08		
20	64QAM	100	0	13.95	13.97	13.98		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	14.23	14.22	14.32		
15	QPSK	1	37	13.88	13.96	14.31	15	0
15	QPSK	1	74	14.33	13.92	13.94		
15	QPSK	36	0	13.88	13.96	13.98		
15	QPSK	36	20	13.99	14.07	14.14	15	0
15	QPSK	36	39	13.98	14.03	14.08		
15	QPSK	75	0	13.95	13.93	13.99		
15	16QAM	1	0	14.12	14.34	14.36		
15	16QAM	1	37	14.22	14.28	14.29	15	0
15	16QAM	1	74	14.13	14.28	14.38		
15	16QAM	36	0	13.89	13.96	13.96		
15	16QAM	36	20	14.03	14.02	14.14	15	0
15	16QAM	36	39	14.00	14.10	14.12		
15	16QAM	75	0	14.00	14.01	14.03		
15	64QAM	1	0	13.98	14.20	14.41		
15	64QAM	1	37	14.15	14.20	14.25	15	0
15	64QAM	1	74	14.04	14.20	14.34		
15	64QAM	36	0	13.90	13.96	13.99		
15	64QAM	36	20	14.01	14.02	14.12	15	0
15	64QAM	36	39	14.00	14.07	14.12		
15	64QAM	75	0	14.00	13.98	14.03		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	14.22	14.21	14.22		
10	QPSK	1	25	13.86	13.95	13.96	15	0
10	QPSK	1	49	14.32	14.21	13.97		
10	QPSK	25	0	13.91	13.91	13.96		
10	QPSK	25	12	13.98	13.97	14.05	15	0
10	QPSK	25	25	13.86	13.94	14.01		
10	QPSK	50	0	13.93	13.87	13.96		
10	16QAM	1	0	14.02	14.06	14.11		
10	16QAM	1	25	14.32	14.40	14.44	15	0
10	16QAM	1	49	14.02	14.14	14.40		
10	16QAM	25	0	13.97	13.96	13.99		
10	16QAM	25	12	14.03	14.05	14.10	15	0
10	16QAM	25	25	13.91	13.99	14.04		
10	16QAM	50	0	13.95	13.93	13.98		
10	64QAM	1	0	13.96	14.03	14.12		
10	64QAM	1	25	14.35	14.39	14.12	15	0
10	64QAM	1	49	14.05	14.14	14.21		
10	64QAM	25	0	13.99	13.99	14.01		
10	64QAM	25	12	14.07	14.07	14.11	15	0
10	64QAM	25	25	13.91	14.03	14.02		
10	64QAM	50	0	13.93	13.96	13.98		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	14.21	14.23	14.26		
5	QPSK	1	12	14.21	14.00	14.23	15	0
5	QPSK	1	24	13.82	13.84	13.89		
5	QPSK	12	0	14.00	13.98	14.09		
5	QPSK	12	7	14.03	14.10	14.14	15	0
5	QPSK	12	13	13.98	14.04	14.09		
5	QPSK	25	0	13.97	14.00	14.07		
5	16QAM	1	0	14.23	14.28	14.36		
5	16QAM	1	12	14.28	14.34	14.34	15	0
5	16QAM	1	24	14.18	14.25	14.23		
5	16QAM	12	0	14.08	14.12	14.21		
5	16QAM	12	7	14.08	14.16	14.18	15	0
5	16QAM	12	13	13.99	14.05	14.11		
5	16QAM	25	0	14.01	14.03	14.12		
5	64QAM	1	0	14.17	14.19	14.26		
5	64QAM	1	12	14.20	14.30	14.27	15	0
5	64QAM	1	24	14.06	14.14	14.17		
5	64QAM	12	0	14.04	14.08	14.17		
5	64QAM	12	7	14.04	14.16	14.15	15	0
5	64QAM	12	13	13.98	14.04	14.09		
5	64QAM	25	0	14.02	14.05	14.14		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	13.91	13.91	14.02		
3	QPSK	1	8	14.00	14.10	14.12	15	0
3	QPSK	1	14	13.86	13.99	13.97		
3	QPSK	8	0	14.01	14.01	14.13		
3	QPSK	8	4	14.04	14.11	14.18	15	0
3	QPSK	8	7	14.02	14.06	14.11		
3	QPSK	15	0	14.02	14.03	14.12		
3	16QAM	1	0	14.31	14.42	14.42		
3	16QAM	1	8	14.37	14.45	14.41	15	0
3	16QAM	1	14	14.24	14.33	14.35		
3	16QAM	8	0	14.14	14.18	14.24		
3	16QAM	8	4	14.12	14.21	14.21	15	0
3	16QAM	8	7	14.06	14.18	14.18		
3	16QAM	15	0	14.07	14.11	14.19		
3	64QAM	1	0	14.25	14.24	14.36		
3	64QAM	1	8	14.23	14.35	14.34	15	0
3	64QAM	1	14	14.09	14.25	14.27		
3	64QAM	8	0	14.13	14.12	14.24		
3	64QAM	8	4	14.10	14.18	14.21	15	0
3	64QAM	8	7	14.03	14.11	14.14		
3	64QAM	15	0	14.08	14.10	14.15		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	13.85	13.90	13.93		
1.4	QPSK	1	3	13.92	13.97	14.02		
1.4	QPSK	1	5	13.87	13.89	13.90	15	0
1.4	QPSK	3	0	13.91	13.96	13.96		
1.4	QPSK	3	1	13.95	14.01	14.04		
1.4	QPSK	3	3	13.88	13.94	13.98		
1.4	QPSK	6	0	13.98	14.01	14.06	15	0
1.4	16QAM	1	0	14.23	14.30	14.30		
1.4	16QAM	1	3	14.30	14.36	14.35		
1.4	16QAM	1	5	14.19	14.23	14.23	15	0
1.4	16QAM	3	0	13.99	14.10	14.06		
1.4	16QAM	3	1	14.05	14.13	14.13		
1.4	16QAM	3	3	13.96	14.06	14.02		
1.4	16QAM	6	0	14.08	14.12	14.17	15	0
1.4	64QAM	1	0	14.14	14.26	14.27		
1.4	64QAM	1	3	14.18	14.24	14.26		
1.4	64QAM	1	5	14.10	14.17	14.17	15	0
1.4	64QAM	3	0	14.06	14.17	14.11		
1.4	64QAM	3	1	14.11	14.21	14.18		
1.4	64QAM	3	3	14.02	14.07	14.08		
1.4	64QAM	6	0	13.97	14.06	14.05	15	0

Band 4 (AWS Band)-ULCA
Part 27L (only on channel required)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	14.30	14.56	14.56		
20	QPSK	1	49	14.42	14.56	14.46	15.5	0
20	QPSK	1	99	14.19	14.17	14.30		
20	QPSK	50	0	14.29	14.33	14.19		
20	QPSK	50	24	14.31	14.34	14.19	15.5	0
20	QPSK	50	50	14.07	14.18	14.16		
20	QPSK	100	0	14.31	14.18	14.10		
20	16QAM	1	0	14.29	14.25	14.55		
20	16QAM	1	49	14.52	14.50	14.46	15.5	0
20	16QAM	1	99	14.24	14.13	14.31		
20	16QAM	50	0	14.16	14.33	14.27		
20	16QAM	50	24	14.32	14.29	14.23	15.5	0
20	16QAM	50	50	14.24	14.23	14.14		
20	16QAM	100	0	14.23	14.29	14.15		
20	64QAM	1	0	14.03	14.01	14.24		
20	64QAM	1	49	14.08	14.45	14.11	15.5	0
20	64QAM	1	99	13.94	14.07	14.04		
20	64QAM	50	0	14.26	14.24	14.21		
20	64QAM	50	24	14.37	14.31	14.24	15.5	0
20	64QAM	50	50	14.18	14.25	14.18		
20	64QAM	100	0	14.25	14.20	14.16		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	14.40	14.43	14.55		
15	QPSK	1	37	14.47	14.50	14.40	15.5	0
15	QPSK	1	74	14.22	14.38	14.37		
15	QPSK	36	0	14.25	14.29	14.24		
15	QPSK	36	20	14.34	14.27	14.26	15.5	0
15	QPSK	36	39	14.20	14.30	14.20		
15	QPSK	75	0	14.27	14.23	14.20		
15	16QAM	1	0	14.53	14.25	14.56		
15	16QAM	1	37	14.49	14.39	14.49	15.5	0
15	16QAM	1	74	14.33	14.48	14.36		
15	16QAM	36	0	14.32	14.32	14.26		
15	16QAM	36	20	14.29	14.33	14.26	15.5	0
15	16QAM	36	39	14.24	14.28	14.13		
15	16QAM	75	0	14.34	14.27	14.19		
15	64QAM	1	0	14.25	14.50	14.23		
15	64QAM	1	37	14.36	14.50	14.22	15.5	0
15	64QAM	1	74	14.25	14.24	14.18		
15	64QAM	36	0	14.25	14.38	14.23		
15	64QAM	36	20	14.34	14.28	14.29	15.5	0
15	64QAM	36	39	14.27	14.29	14.18		
15	64QAM	75	0	14.28	14.33	14.24		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	14.18	14.51	14.21		
10	QPSK	1	25	14.34	14.44	14.42	15.5	0
10	QPSK	1	49	14.40	14.24	14.36		
10	QPSK	25	0	14.17	14.25	14.17		
10	QPSK	25	12	14.23	14.24	14.18	15.5	0
10	QPSK	25	25	14.17	14.22	14.15		
10	QPSK	50	0	14.17	14.25	14.16		
10	16QAM	1	0	14.29	14.27	14.23		
10	16QAM	1	25	14.52	14.52	14.50	15.5	0
10	16QAM	1	49	14.21	14.31	14.21		
10	16QAM	25	0	14.21	14.16	14.07		
10	16QAM	25	12	14.32	14.24	14.14	15.5	0
10	16QAM	25	25	14.11	14.23	14.05		
10	16QAM	50	0	14.21	14.14	14.03		
10	64QAM	1	0	14.24	14.21	14.19		
10	64QAM	1	25	14.41	14.56	14.30	15.5	0
10	64QAM	1	49	14.17	14.22	14.05		
10	64QAM	25	0	14.26	14.20	14.10		
10	64QAM	25	12	14.27	14.29	14.20	15.5	0
10	64QAM	25	25	14.12	14.17	14.08		
10	64QAM	50	0	14.21	14.14	14.10		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	14.47	14.46	14.41		
5	QPSK	1	12	14.45	14.59	14.46	15.5	0
5	QPSK	1	24	14.31	14.42	14.29		
5	QPSK	12	0	14.31	14.31	14.23		
5	QPSK	12	7	14.23	14.31	14.27	15.5	0
5	QPSK	12	13	14.17	14.25	14.17		
5	QPSK	25	0	14.26	14.24	14.20		
5	16QAM	1	0	14.45	14.52	14.48		
5	16QAM	1	12	14.44	14.47	14.57	15.5	0
5	16QAM	1	24	14.42	14.38	14.40		
5	16QAM	12	0	14.32	14.34	14.34		
5	16QAM	12	7	14.30	14.26	14.29	15.5	0
5	16QAM	12	13	14.24	14.24	14.17		
5	16QAM	25	0	14.25	14.29	14.23		
5	64QAM	1	0	14.43	14.40	14.40		
5	64QAM	1	12	14.45	14.46	14.51	15.5	0
5	64QAM	1	24	14.24	14.37	14.30		
5	64QAM	12	0	14.30	14.26	14.24		
5	64QAM	12	7	14.30	14.26	14.21	15.5	0
5	64QAM	12	13	14.18	14.25	14.14		
5	64QAM	25	0	14.25	14.23	14.19		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	14.35	14.36	14.30		
3	QPSK	1	8	14.32	14.41	14.29	15.5	0
3	QPSK	1	14	14.22	14.32	14.22		
3	QPSK	8	0	14.30	14.32	14.30		
3	QPSK	8	4	14.30	14.30	14.31	15.5	0
3	QPSK	8	7	14.24	14.29	14.21		
3	QPSK	15	0	14.26	14.29	14.27		
3	16QAM	1	0	14.55	14.12	14.49		
3	16QAM	1	8	14.56	14.36	14.58	15.5	0
3	16QAM	1	14	14.43	14.47	14.42		
3	16QAM	8	0	14.40	14.37	14.39		
3	16QAM	8	4	14.39	14.33	14.39	15.5	0
3	16QAM	8	7	14.31	14.32	14.31		
3	16QAM	15	0	14.31	14.27	14.44		
3	64QAM	1	0	14.51	14.45	14.39		
3	64QAM	1	8	14.53	14.51	14.31	15.5	0
3	64QAM	1	14	14.39	14.42	14.24		
3	64QAM	8	0	14.35	14.32	14.50		
3	64QAM	8	4	14.32	14.29	14.42	15.5	0
3	64QAM	8	7	14.25	14.29	14.48		
3	64QAM	15	0	14.28	14.27	14.22		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	14.21	14.21	14.24		
1.4	QPSK	1	3	14.27	14.29	14.24		
1.4	QPSK	1	5	14.16	14.26	14.14	15.5	0
1.4	QPSK	3	0	14.17	14.17	14.10		
1.4	QPSK	3	1	14.19	14.23	14.15		
1.4	QPSK	3	3	14.14	14.17	14.07		
1.4	QPSK	6	0	14.17	14.17	14.16	15.5	0
1.4	16QAM	1	0	14.49	14.45	14.47		
1.4	16QAM	1	3	14.52	14.52	14.48		
1.4	16QAM	1	5	14.40	14.48	14.45	15.5	0
1.4	16QAM	3	0	14.23	14.20	14.36		
1.4	16QAM	3	1	14.28	14.31	14.25		
1.4	16QAM	3	3	14.21	14.20	14.12		
1.4	16QAM	6	0	14.27	14.24	14.13	15.5	0
1.4	64QAM	1	0	14.42	14.38	14.48		
1.4	64QAM	1	3	14.47	14.46	14.38		
1.4	64QAM	1	5	14.34	14.36	14.36	15.5	0
1.4	64QAM	3	0	14.31	14.28	14.32		
1.4	64QAM	3	1	14.36	14.40	14.36		
1.4	64QAM	3	3	14.21	14.31	14.25		
1.4	64QAM	6	0	14.21	14.20	14.22	15.5	0

Band 5 (Celluar Band) UL CA&ENDC
Part 22H(only on channel required)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	20.27	20.29	20.13		
10	QPSK	1	25	20.25	20.13	20.25	20.5	0
10	QPSK	1	49	20.23	20.27	20.14		
10	QPSK	25	0	20.13	20.28	20.13		
10	QPSK	25	12	20.25	20.27	20.13	20.5	0
10	QPSK	25	25	20.05	19.92	20.16		
10	QPSK	50	0	20.05	20.06	19.83		
10	16QAM	1	0	20.28	20.03	20.03		
10	16QAM	1	25	20.24	20.22	20.13	20.5	0
10	16QAM	1	49	20.13	20.03	20.10		
10	16QAM	25	0	20.07	20.01	19.94		
10	16QAM	25	12	20.17	19.97	20.03	20.5	0
10	16QAM	25	25	20.07	20.10	19.98		
10	16QAM	50	0	20.15	19.89	20.08		
10	64QAM	1	0	19.92	20.13	19.92		
10	64QAM	1	25	19.87	19.93	19.84	20.5	0
10	64QAM	1	49	19.98	19.83	19.83		
10	64QAM	25	0	20.22	20.05	20.04		
10	64QAM	25	12	20.22	20.08	20.04	20.5	0
10	64QAM	25	25	20.07	20.22	19.99		
10	64QAM	50	0	20.07	20.03	19.94		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	20.01	19.78	19.72		
5	QPSK	1	12	20.03	19.89	19.77	20.5	0
5	QPSK	1	24	19.91	19.87	19.69		
5	QPSK	12	0	20.08	19.88	19.75		
5	QPSK	12	7	20.13	20.01	19.76	20.5	0
5	QPSK	12	13	20.04	19.99	19.75		
5	QPSK	25	0	20.07	19.91	19.80		
5	16QAM	1	0	20.02	20.03	20.06		
5	16QAM	1	12	20.16	20.18	20.14	20.5	0
5	16QAM	1	24	20.13	20.03	20.13		
5	16QAM	12	0	20.21	20.03	19.96		
5	16QAM	12	7	20.24	20.14	19.95	20.5	0
5	16QAM	12	13	20.27	20.09	19.97		
5	16QAM	25	0	20.25	20.07	19.99		
5	64QAM	1	0	19.86	19.72	19.65		
5	64QAM	1	12	20.00	19.86	19.74	20.5	0
5	64QAM	1	24	19.90	19.73	20.00		
5	64QAM	12	0	20.11	20.00	19.95		
5	64QAM	12	7	20.25	20.17	19.96	20.5	0
5	64QAM	12	13	20.12	20.02	19.95		
5	64QAM	25	0	20.21	20.10	19.97		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	19.91	19.78	19.78		
3	QPSK	1	8	20.02	19.91	19.78	20.5	0
3	QPSK	1	14	19.95	19.82	19.70		
3	QPSK	8	0	20.13	19.89	19.83		
3	QPSK	8	4	20.11	19.98	19.85	20.5	0
3	QPSK	8	7	20.00	20.01	19.84		
3	QPSK	15	0	20.04	20.01	19.82		
3	16QAM	1	0	20.06	20.13	20.04		
3	16QAM	1	8	20.02	20.17	20.14	20.5	0
3	16QAM	1	14	19.98	20.05	19.87		
3	16QAM	8	0	20.19	20.18	20.05		
3	16QAM	8	4	20.28	20.24	19.96	20.5	0
3	16QAM	8	7	20.18	20.19	19.89		
3	16QAM	15	0	20.28	20.12	19.93		
3	64QAM	1	0	19.94	19.86	19.92		
3	64QAM	1	8	20.09	19.96	19.85	20.5	0
3	64QAM	1	14	19.96	19.81	19.92		
3	64QAM	8	0	20.23	20.09	19.92		
3	64QAM	8	4	20.25	20.12	19.96	20.5	0
3	64QAM	8	7	20.11	20.04	20.11		
3	64QAM	15	0	20.19	20.04	20.05		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	19.87	19.87	19.61		
1.4	QPSK	1	3	19.95	19.86	19.73		
1.4	QPSK	1	5	19.91	19.75	19.65	20.5	0
1.4	QPSK	3	0	19.94	19.80	19.57		
1.4	QPSK	3	1	19.99	19.91	19.74		
1.4	QPSK	3	3	20.04	19.80	19.63		
1.4	QPSK	6	0	20.01	19.92	19.72	20.5	0
1.4	16QAM	1	0	20.03	20.25	19.98		
1.4	16QAM	1	3	20.25	20.03	20.03		
1.4	16QAM	1	5	20.06	20.22	20.03	20.5	0
1.4	16QAM	3	0	20.06	20.00	19.63		
1.4	16QAM	3	1	20.10	19.97	19.83		
1.4	16QAM	3	3	20.05	19.72	19.79		
1.4	16QAM	6	0	20.20	20.02	19.94	20.5	0
1.4	64QAM	1	0	19.74	19.84	19.82		
1.4	64QAM	1	3	19.73	20.17	19.98		
1.4	64QAM	1	5	19.82	19.74	19.85	20.5	0
1.4	64QAM	3	0	19.79	19.72	19.61		
1.4	64QAM	3	1	19.74	19.97	19.83		
1.4	64QAM	3	3	19.93	19.92	19.57		
1.4	64QAM	6	0	20.20	20.06	19.86	20.5	0

Band 12 (700MHz Low Band) UL CA&ENDC
Part 27F(only on channel required)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	21.90	22.16	21.95	22.5	0
10	QPSK	1	25	21.82	21.89	22.01		
10	QPSK	1	49	21.99	21.93	22.10		
10	QPSK	25	0	21.60	21.93	21.64	22.5	0
10	QPSK	25	12	21.78	21.80	21.92		
10	QPSK	25	25	21.87	21.81	21.85		
10	QPSK	50	0	21.76	21.83	21.81		
10	16QAM	1	0	21.83	21.84	21.80	22.5	0
10	16QAM	1	25	21.72	21.78	22.00		
10	16QAM	1	49	21.73	22.11	21.80		
10	16QAM	25	0	21.35	21.40	21.30	22	0.5
10	16QAM	25	12	21.54	21.55	21.59		
10	16QAM	25	25	21.58	21.63	21.43		
10	16QAM	50	0	21.48	21.73	21.39		
10	64QAM	1	0	21.72	21.68	21.89	22	0.5
10	64QAM	1	25	21.74	21.76	21.71		
10	64QAM	1	49	21.93	21.98	21.72		
10	64QAM	25	0	20.47	20.48	20.31	21	1.5
10	64QAM	25	12	20.62	20.57	20.64		
10	64QAM	25	25	20.56	20.57	20.40		
10	64QAM	50	0	20.51	20.47	20.61		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	21.76	21.83	21.96	22.5	0
5	QPSK	1	12	21.89	21.87	21.82		
5	QPSK	1	24	21.90	21.71	21.80		
5	QPSK	12	0	21.73	21.73	21.69	22.5	0
5	QPSK	12	7	21.73	21.77	21.71		
5	QPSK	12	13	21.71	21.79	21.71		
5	QPSK	25	0	21.86	21.98	22.04		
5	16QAM	1	0	21.89	21.89	21.71	22.5	0
5	16QAM	1	12	21.86	21.98	22.04		
5	16QAM	1	24	21.89	21.89	21.71		
5	16QAM	12	0	21.58	21.59	21.42	22	0.5
5	16QAM	12	7	21.49	21.49	21.51		
5	16QAM	12	13	21.51	21.67	21.43		
5	16QAM	25	0	21.86	21.98	21.89		
5	64QAM	1	0	21.38	21.34	21.35	22	0.5
5	64QAM	1	12	21.43	21.39	21.77		
5	64QAM	1	24	21.41	21.50	21.39		
5	64QAM	12	0	20.54	20.55	20.49	21	1.5
5	64QAM	12	7	20.48	20.53	20.45		
5	64QAM	12	13	20.46	20.61	20.55		
5	64QAM	25	0	20.45	20.55	20.45		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.01	21.90	21.85	22.5	0
3	QPSK	1	8	21.96	21.99	22.01		
3	QPSK	1	14	21.86	22.01	21.85		
3	QPSK	8	0	21.70	21.79	21.71	22.5	0
3	QPSK	8	4	21.89	21.78	21.83		
3	QPSK	8	7	21.83	21.86	21.75		
3	QPSK	15	0	21.79	21.79	21.78		
3	16QAM	1	0	21.95	22.15	22.04	22.5	0
3	16QAM	1	8	21.70	21.79	21.71		
3	16QAM	1	14	21.95	22.15	22.04		
3	16QAM	8	0	21.45	21.61	21.41	22	0.5
3	16QAM	8	4	21.62	21.50	21.63		
3	16QAM	8	7	21.52	21.69	21.57		
3	16QAM	15	0	21.50	21.57	21.48		
3	64QAM	1	0	21.76	21.46	21.40	22	0.5
3	64QAM	1	8	21.80	21.55	21.57		
3	64QAM	1	14	21.48	21.47	21.76		
3	64QAM	8	0	20.56	20.54	20.48	21	1.5
3	64QAM	8	4	20.53	20.56	20.73		
3	64QAM	8	7	20.68	20.77	20.69		
3	64QAM	15	0	20.45	20.53	20.52		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	21.76	21.83	21.82	22.5	0
1.4	QPSK	1	3	21.91	21.91	21.81		
1.4	QPSK	1	5	21.83	21.90	21.70		
1.4	QPSK	3	0	21.79	21.78	21.74		
1.4	QPSK	3	1	21.83	21.76	21.79		
1.4	QPSK	3	3	21.74	21.87	21.72		
1.4	QPSK	6	0	21.69	21.75	21.60	22.5	0
1.4	16QAM	1	0	21.83	21.90	21.70	22.5	0
1.4	16QAM	1	3	21.79	21.78	21.74		
1.4	16QAM	1	5	21.83	21.76	21.79		
1.4	16QAM	3	0	21.78	21.77	21.70		
1.4	16QAM	3	1	21.83	21.90	21.70		
1.4	16QAM	3	3	21.79	21.78	21.74		
1.4	16QAM	6	0	21.83	21.76	21.79	22	0.5
1.4	64QAM	1	0	21.60	21.40	21.88	22	0.5
1.4	64QAM	1	3	21.46	21.82	21.53		
1.4	64QAM	1	5	21.58	21.52	21.53		
1.4	64QAM	3	0	21.58	21.57	21.54		
1.4	64QAM	3	1	21.61	21.44	21.74		
1.4	64QAM	3	3	21.65	21.64	21.50		
1.4	64QAM	6	0	20.75	20.77	20.75	21	1.5

Band 30-ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		14.31		14.5	0
10	QPSK	1	25		14.21			
10	QPSK	1	49		14.22			
10	QPSK	25	0		13.90		14.5	0
10	QPSK	25	12		13.86			
10	QPSK	25	25		13.74			
10	QPSK	50	0		13.77			
10	16QAM	1	0		14.29		14.5	0
10	16QAM	1	25		14.27			
10	16QAM	1	49		14.24			
10	16QAM	25	0		13.88		14.5	0
10	16QAM	25	12		13.97			
10	16QAM	25	25		13.93			
10	16QAM	50	0		13.89			
10	64QAM	1	0		14.30		14.5	0
10	64QAM	1	25		14.30			
10	64QAM	1	49		14.29			
10	64QAM	25	0		13.87		14.5	0
10	64QAM	25	12		13.96			
10	64QAM	25	25		13.94			
10	64QAM	50	0		13.86			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	14.23	14.22	14.12	14.5	0
5	QPSK	1	12	14.21	14.23	14.10		
5	QPSK	1	24	14.12	14.19	14.12		
5	QPSK	12	0	14.26	14.23	14.11	14.5	0
5	QPSK	12	7	14.21	14.23	14.21		
5	QPSK	12	13	14.12	14.21	14.22		
5	QPSK	25	0	14.19	14.19	14.21		
5	16QAM	1	0	14.09	14.15	14.14	14.5	0
5	16QAM	1	12	14.22	14.22	14.21		
5	16QAM	1	24	14.16	14.20	14.19		
5	16QAM	12	0	14.02	14.11	14.12	14.5	0
5	16QAM	12	7	14.02	14.03	14.09		
5	16QAM	12	13	14.09	14.07	14.01		
5	16QAM	25	0	14.01	14.12	14.11		
5	64QAM	1	0	14.02	14.08	14.08	14.5	0
5	64QAM	1	12	14.19	14.18	14.13		
5	64QAM	1	24	14.08	14.09	14.07		
5	64QAM	12	0	14.00	14.01	14.09	14.5	0
5	64QAM	12	7	14.02	14.05	14.07		
5	64QAM	12	13	14.11	14.12	14.00		
5	64QAM	25	0	14.12	14.01	14.01		

Band 66 UL CA&ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	14.42	14.73	14.71	15.5	0
20	QPSK	1	49	14.60	14.69	14.58		
20	QPSK	1	99	14.35	14.36	14.44		
20	QPSK	50	0	14.41	14.65	14.34	15.5	0
20	QPSK	50	24	14.49	14.47	14.31		
20	QPSK	50	50	14.23	14.37	14.30		
20	QPSK	100	0	14.43	14.45	14.25		
20	16QAM	1	0	14.47	14.38	14.67	15.5	0
20	16QAM	1	49	14.68	14.69	14.60		
20	16QAM	1	99	14.36	14.30	14.46		
20	16QAM	50	0	14.34	14.46	14.39	15.5	0
20	16QAM	50	24	14.48	14.48	14.37		
20	16QAM	50	50	14.36	14.40	14.29		
20	16QAM	100	0	14.41	14.42	14.27		
20	64QAM	1	0	14.19	14.20	14.38	15.5	0
20	64QAM	1	49	14.20	14.62	14.26		
20	64QAM	1	99	14.12	14.20	14.16		
20	64QAM	50	0	14.42	14.43	14.35	15.5	0
20	64QAM	50	24	14.49	14.48	14.39		
20	64QAM	50	50	14.36	14.38	14.30		
20	64QAM	100	0	14.41	14.39	14.30		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	14.56	14.62	14.69	15.5	0
15	QPSK	1	37	14.59	14.67	14.55		
15	QPSK	1	74	14.40	14.51	14.49		
15	QPSK	36	0	14.41	14.48	14.38	15.5	0
15	QPSK	36	20	14.46	14.44	14.41		
15	QPSK	36	39	14.38	14.43	14.32		
15	QPSK	75	0	14.43	14.42	14.34		
15	16QAM	1	0	14.65	14.42	14.71	15.5	0
15	16QAM	1	37	14.67	14.52	14.61		
15	16QAM	1	74	14.49	14.67	14.50		
15	16QAM	36	0	14.44	14.49	14.41	15.5	0
15	16QAM	36	20	14.47	14.46	14.38		
15	16QAM	36	39	14.40	14.47	14.27		
15	16QAM	75	0	14.46	14.44	14.34		
15	64QAM	1	0	14.43	14.63	14.35	15.5	0
15	64QAM	1	37	14.52	14.69	14.36		
15	64QAM	1	74	14.37	14.41	14.33		
15	64QAM	36	0	14.43	14.51	14.35	15.5	0
15	64QAM	36	20	14.50	14.47	14.43		
15	64QAM	36	39	14.39	14.46	14.33		
15	64QAM	75	0	14.46	14.46	14.36		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	14.36	14.64	14.33	15.5	0
10	QPSK	1	25	14.50	14.63	14.56		
10	QPSK	1	49	14.52	14.41	14.51		
10	QPSK	25	0	14.35	14.38	14.29	15.5	0
10	QPSK	25	12	14.39	14.43	14.32		
10	QPSK	25	25	14.29	14.39	14.30		
10	QPSK	50	0	14.35	14.38	14.28		
10	16QAM	1	0	14.45	14.46	14.37	15.5	0
10	16QAM	1	25	14.64	14.69	14.65		
10	16QAM	1	49	14.39	14.44	14.33		
10	16QAM	25	0	14.37	14.35	14.21	15.5	0
10	16QAM	25	12	14.44	14.41	14.29		
10	16QAM	25	25	14.29	14.36	14.17		
10	16QAM	50	0	14.37	14.33	14.17		
10	64QAM	1	0	14.36	14.38	14.34	15.5	0
10	64QAM	1	25	14.59	14.69	14.42		
10	64QAM	1	49	14.33	14.41	14.19		
10	64QAM	25	0	14.38	14.37	14.25	15.5	0
10	64QAM	25	12	14.45	14.42	14.32		
10	64QAM	25	25	14.28	14.36	14.22		
10	64QAM	50	0	14.33	14.31	14.25		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	14.59	14.63	14.56	15.5	0
5	QPSK	1	12	14.63	14.72	14.58		
5	QPSK	1	24	14.47	14.61	14.43		
5	QPSK	12	0	14.43	14.48	14.38	15.5	0
5	QPSK	12	7	14.41	14.44	14.39		
5	QPSK	12	13	14.33	14.44	14.31		
5	QPSK	25	0	14.38	14.41	14.35		
5	16QAM	1	0	14.63	14.65	14.60	15.5	0
5	16QAM	1	12	14.60	14.66	14.71		
5	16QAM	1	24	14.54	14.55	14.55		
5	16QAM	12	0	14.50	14.47	14.46	15.5	0
5	16QAM	12	7	14.46	14.45	14.43		
5	16QAM	12	13	14.36	14.41	14.32		
5	16QAM	25	0	14.43	14.42	14.35		
5	64QAM	1	0	14.59	14.59	14.54	15.5	0
5	64QAM	1	12	14.57	14.63	14.66		
5	64QAM	1	24	14.42	14.50	14.42		
5	64QAM	12	0	14.46	14.45	14.38	15.5	0
5	64QAM	12	7	14.42	14.43	14.36		
5	64QAM	12	13	14.36	14.38	14.26		
5	64QAM	25	0	14.41	14.42	14.33		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	14.51	14.55	14.44	15.5	0
3	QPSK	1	8	14.48	14.60	14.43		
3	QPSK	1	14	14.38	14.51	14.36		
3	QPSK	8	0	14.46	14.51	14.44	15.5	0
3	QPSK	8	4	14.46	14.49	14.45		
3	QPSK	8	7	14.40	14.48	14.35		
3	QPSK	15	0	14.42	14.48	14.41		
3	16QAM	1	0	14.71	14.31	14.63	15.5	0
3	16QAM	1	8	14.72	14.55	14.72		
3	16QAM	1	14	14.59	14.66	14.56		
3	16QAM	8	0	14.56	14.56	14.53	15.5	0
3	16QAM	8	4	14.55	14.52	14.53		
3	16QAM	8	7	14.47	14.51	14.45		
3	16QAM	15	0	14.47	14.46	14.58		
3	64QAM	1	0	14.67	14.64	14.53	15.5	0
3	64QAM	1	8	14.69	14.70	14.45		
3	64QAM	1	14	14.55	14.61	14.38		
3	64QAM	8	0	14.51	14.51	14.64	15.5	0
3	64QAM	8	4	14.48	14.48	14.56		
3	64QAM	8	7	14.41	14.48	14.62		
3	64QAM	15	0	14.44	14.46	14.36		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	14.37	14.40	14.38	15.5	0
1.4	QPSK	1	3	14.43	14.48	14.38		
1.4	QPSK	1	5	14.32	14.45	14.28		
1.4	QPSK	3	0	14.33	14.36	14.24		
1.4	QPSK	3	1	14.35	14.42	14.29		
1.4	QPSK	3	3	14.30	14.36	14.21		
1.4	QPSK	6	0	14.33	14.36	14.30	15.5	0
1.4	16QAM	1	0	14.65	14.64	14.61	15.5	0
1.4	16QAM	1	3	14.68	14.71	14.62		
1.4	16QAM	1	5	14.56	14.67	14.59		
1.4	16QAM	3	0	14.39	14.39	14.50		
1.4	16QAM	3	1	14.44	14.50	14.39		
1.4	16QAM	3	3	14.37	14.39	14.26		
1.4	16QAM	6	0	14.43	14.43	14.27	15.5	0
1.4	64QAM	1	0	14.58	14.57	14.62	15.5	0
1.4	64QAM	1	3	14.63	14.65	14.52		
1.4	64QAM	1	5	14.50	14.55	14.50		
1.4	64QAM	3	0	14.47	14.47	14.46		
1.4	64QAM	3	1	14.52	14.59	14.50		
1.4	64QAM	3	3	14.37	14.50	14.39		
1.4	64QAM	6	0	14.37	14.39	14.36	15.5	0

LAT Reduced Power Mode for Hotspot On-ENDC&UL CA

Band 2 (1900MHz Band)
Part 24E-UL CA&ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	12.21	12.26	12.12	13	0
20	QPSK	1	49	12.22	12.12	11.92		
20	QPSK	1	99	12.22	11.91	12.12		
20	QPSK	50	0	12.03	12.04	12.02	13	0
20	QPSK	50	24	11.91	11.96	11.91		
20	QPSK	50	50	12.03	11.96	11.91		
20	QPSK	100	0	11.57	12.02	11.60		
20	16QAM	1	0	11.91	12.12	11.91	13	0
20	16QAM	1	49	11.75	11.91	11.96		
20	16QAM	1	99	12.04	11.91	11.70		
20	16QAM	50	0	11.55	11.59	11.49	13	0
20	16QAM	50	24	11.63	11.59	11.68		
20	16QAM	50	50	11.51	11.58	11.71		
20	16QAM	100	0	11.49	11.48	11.66		
20	64QAM	1	0	11.60	11.90	11.80	13	0
20	64QAM	1	49	11.73	12.02	11.79		
20	64QAM	1	99	11.70	11.79	11.73		
20	64QAM	50	0	11.43	11.48	11.55	13	0
20	64QAM	50	24	11.61	11.63	11.66		
20	64QAM	50	50	11.57	11.63	11.56		
20	64QAM	100	0	11.82	11.75	11.95		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	12.11	12.12	12.14	13	0
15	QPSK	1	37	11.96	11.96	12.12		
15	QPSK	1	74	12.03	12.02	11.91		
15	QPSK	36	0	11.82	11.53	11.60	13	0
15	QPSK	36	20	11.65	11.67	11.74		
15	QPSK	36	39	11.67	11.64	11.66		
15	QPSK	75	0	11.59	11.59	11.61		
15	16QAM	1	0	11.99	12.19	11.96	13	0
15	16QAM	1	37	12.01	11.85	12.08		
15	16QAM	1	74	11.91	11.99	12.11		
15	16QAM	36	0	11.56	11.63	11.62	13	0
15	16QAM	36	20	11.69	11.81	11.76		
15	16QAM	36	39	11.61	11.69	11.76		
15	16QAM	75	0	11.62	11.53	11.56		
15	64QAM	1	0	11.91	11.84	11.92	13	0
15	64QAM	1	37	11.64	11.78	12.08		
15	64QAM	1	74	11.75	11.91	11.84		
15	64QAM	36	0	11.60	11.50	11.51	13	0
15	64QAM	36	20	11.65	11.72	11.72		
15	64QAM	36	39	11.53	11.63	11.72		
15	64QAM	75	0	11.87	11.82	11.95		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	12.22	12.21	12.21	13	0
10	QPSK	1	25	12.23	12.21	12.26		
10	QPSK	1	49	12.26	12.32	12.33		
10	QPSK	25	0	11.85	11.82	11.93	13	0
10	QPSK	25	12	11.95	11.94	11.93		
10	QPSK	25	25	11.93	11.82	11.92		
10	QPSK	50	0	11.76	11.78	11.88		
10	16QAM	1	0	12.23	12.32	12.37	13	0
10	16QAM	1	25	12.19	12.37	12.50		
10	16QAM	1	49	12.17	12.52	12.55		
10	16QAM	25	0	11.87	11.84	11.97	13	0
10	16QAM	25	12	11.99	11.88	11.89		
10	16QAM	25	25	11.99	11.86	11.94		
10	16QAM	50	0	11.86	11.84	12.12		
10	64QAM	1	0	12.21	12.22	12.45	13	0
10	64QAM	1	25	12.01	12.02	12.12		
10	64QAM	1	49	12.02	12.10	12.12		
10	64QAM	25	0	11.92	11.73	11.90	13	0
10	64QAM	25	12	11.93	11.93	11.84		
10	64QAM	25	25	11.98	11.82	11.94		
10	64QAM	50	0	11.98	11.91	12.06		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	11.81	11.69	11.93	13	0
5	QPSK	1	12	11.97	12.08	11.95		
5	QPSK	1	24	11.71	11.84	12.02		
5	QPSK	12	0	11.96	11.94	11.96	13	0
5	QPSK	12	7	12.04	12.00	12.12		
5	QPSK	12	13	11.84	11.90	11.95		
5	QPSK	25	0	11.95	11.87	12.01		
5	16QAM	1	0	12.21	12.15	12.45	13	0
5	16QAM	1	12	12.14	12.02	12.24		
5	16QAM	1	24	12.05	12.09	11.98		
5	16QAM	12	0	12.01	11.97	12.05	13	0
5	16QAM	12	7	11.98	12.07	12.04		
5	16QAM	12	13	11.87	11.92	11.96		
5	16QAM	25	0	11.93	11.87	12.05		
5	64QAM	1	0	11.95	11.75	12.07	13	0
5	64QAM	1	12	12.22	12.25	12.08		
5	64QAM	1	24	12.05	11.77	12.11		
5	64QAM	12	0	11.92	11.91	11.90	13	0
5	64QAM	12	7	11.92	11.97	12.05		
5	64QAM	12	13	11.92	11.81	11.95		
5	64QAM	25	0	11.91	11.94	12.03		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	11.82	11.81	11.88	13	0
3	QPSK	1	8	11.94	12.03	12.07		
3	QPSK	1	14	11.82	11.94	12.03		
3	QPSK	8	0	11.97	11.94	12.07	13	0
3	QPSK	8	4	11.99	12.04	12.02		
3	QPSK	8	7	11.98	11.98	12.03		
3	QPSK	15	0	11.93	11.94	12.05		
3	16QAM	1	0	12.37	12.15	12.45	13	0
3	16QAM	1	8	12.52	12.32	12.21		
3	16QAM	1	14	12.19	12.27	12.26		
3	16QAM	8	0	12.07	12.02	12.14	13	0
3	16QAM	8	4	12.12	11.99	12.03		
3	16QAM	8	7	11.93	12.09	12.11		
3	16QAM	15	0	11.91	12.12	12.12		
3	64QAM	1	0	12.13	12.03	12.37	13	0
3	64QAM	1	8	12.18	11.95	12.15		
3	64QAM	1	14	12.10	12.13	12.18		
3	64QAM	8	0	12.05	11.90	12.14	13	0
3	64QAM	8	4	12.07	12.01	12.10		
3	64QAM	8	7	11.89	12.01	12.00		
3	64QAM	15	0	12.00	11.98	12.05		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	11.81	11.87	11.91	13	0
1.4	QPSK	1	3	11.83	11.83	11.92		
1.4	QPSK	1	5	11.79	11.80	11.94		
1.4	QPSK	3	0	11.83	11.87	11.97		
1.4	QPSK	3	1	11.88	11.95	11.94		
1.4	QPSK	3	3	11.78	11.83	11.93		
1.4	QPSK	6	0	11.89	11.95	11.96	13	0
1.4	16QAM	1	0	11.98	12.08	12.28	13	0
1.4	16QAM	1	3	12.09	11.95	12.26		
1.4	16QAM	1	5	11.82	12.00	12.02		
1.4	16QAM	3	0	11.95	11.95	12.00		
1.4	16QAM	3	1	11.91	11.99	12.13		
1.4	16QAM	3	3	11.98	12.02	12.00		
1.4	16QAM	6	0	11.94	12.02	12.23	13	0
1.4	64QAM	1	0	12.10	11.95	12.05	13	0
1.4	64QAM	1	3	12.38	11.98	11.92		
1.4	64QAM	1	5	12.42	11.92	11.97		
1.4	64QAM	3	0	11.99	11.89	12.01		
1.4	64QAM	3	1	12.19	12.04	12.03		
1.4	64QAM	3	3	11.93	12.01	11.86		
1.4	64QAM	6	0	11.87	12.00	12.00	13	0

Band 4 (AWS Band) UL CA
Part 27L (only on channel required)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	12.54	12.50	12.50	13.5	0
20	QPSK	1	49	12.12	12.16	12.44		
20	QPSK	1	99	12.30	12.26	12.33		
20	QPSK	50	0	12.23	12.36	12.29	13.5	0
20	QPSK	50	24	12.34	12.25	12.33		
20	QPSK	50	50	12.02	12.19	12.20		
20	QPSK	100	0	12.28	12.24	12.14		
20	16QAM	1	0	12.17	12.32	12.17	13.5	0
20	16QAM	1	49	12.37	12.32	12.34		
20	16QAM	1	99	12.17	12.03	12.14		
20	16QAM	50	0	12.23	12.39	12.19	13.5	0
20	16QAM	50	24	12.23	12.26	12.15		
20	16QAM	50	50	12.26	12.27	12.17		
20	16QAM	100	0	12.22	12.33	12.14		
20	64QAM	1	0	12.13	12.14	12.31	13.5	0
20	64QAM	1	49	12.27	12.37	12.35		
20	64QAM	1	99	12.08	12.49	12.19		
20	64QAM	50	0	12.26	12.22	12.26	13.5	0
20	64QAM	50	24	12.40	12.21	12.25		
20	64QAM	50	50	12.02	12.11	12.11		
20	64QAM	100	0	12.12	12.20	12.11		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	12.29	12.30	12.20	13.5	0
15	QPSK	1	37	12.14	12.25	12.15		
15	QPSK	1	74	11.99	12.04	12.05		
15	QPSK	36	0	12.34	12.30	12.24	13.5	0
15	QPSK	36	20	12.37	12.33	12.19		
15	QPSK	36	39	12.24	12.26	12.09		
15	QPSK	75	0	12.32	12.15	12.21		
15	16QAM	1	0	12.40	12.18	12.38	13.5	0
15	16QAM	1	37	12.19	12.50	12.16		
15	16QAM	1	74	12.43	12.37	12.32		
15	16QAM	36	0	12.39	12.39	12.26	13.5	0
15	16QAM	36	20	12.28	12.36	12.26		
15	16QAM	36	39	12.23	12.22	12.26		
15	16QAM	75	0	12.35	12.26	12.15		
15	64QAM	1	0	12.36	12.19	12.26	13.5	0
15	64QAM	1	37	12.42	12.10	12.36		
15	64QAM	1	74	12.26	12.23	12.23		
15	64QAM	36	0	12.20	12.29	12.28	13.5	0
15	64QAM	36	20	12.34	12.19	12.16		
15	64QAM	36	39	12.27	12.28	12.26		
15	64QAM	75	0	12.28	12.35	12.13		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	12.13	12.11	11.93	13.5	0
10	QPSK	1	25	12.21	12.10	12.19		
10	QPSK	1	49	12.10	12.07	12.41		
10	QPSK	25	0	12.17	12.25	12.18	13.5	0
10	QPSK	25	12	12.29	12.19	12.26		
10	QPSK	25	25	12.36	12.21	12.21		
10	QPSK	50	0	12.25	12.29	12.07		
10	16QAM	1	0	12.31	12.25	12.31	13.5	0
10	16QAM	1	25	12.35	12.31	12.47		
10	16QAM	1	49	12.15	12.19	12.06		
10	16QAM	25	0	12.27	12.27	12.22	13.5	0
10	16QAM	25	12	12.27	12.27	12.20		
10	16QAM	25	25	12.21	12.28	12.11		
10	16QAM	50	0	12.32	12.15	12.12		
10	64QAM	1	0	12.48	12.49	12.40	13.5	0
10	64QAM	1	25	12.48	12.25	12.26		
10	64QAM	1	49	12.50	12.26	12.45		
10	64QAM	25	0	12.28	12.26	12.27	13.5	0
10	64QAM	25	12	12.34	12.29	12.23		
10	64QAM	25	25	12.32	12.35	12.21		
10	64QAM	50	0	12.22	12.22	12.08		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	12.29	12.15	12.10	13.5	0
5	QPSK	1	12	12.21	12.35	12.05		
5	QPSK	1	24	12.08	12.18	12.14		
5	QPSK	12	0	12.26	12.26	12.26	13.5	0
5	QPSK	12	7	12.25	12.32	12.21		
5	QPSK	12	13	12.24	12.33	12.26		
5	QPSK	25	0	12.34	12.26	12.26		
5	16QAM	1	0	12.35	12.26	12.35	13.5	0
5	16QAM	1	12	12.38	12.26	12.52		
5	16QAM	1	24	12.45	12.22	12.29		
5	16QAM	12	0	12.26	12.35	12.18	13.5	0
5	16QAM	12	7	12.27	12.26	12.35		
5	16QAM	12	13	12.30	12.29	12.20		
5	16QAM	25	0	12.20	12.38	12.20		
5	64QAM	1	0	12.40	12.24	12.31	13.5	0
5	64QAM	1	12	12.33	12.17	12.30		
5	64QAM	1	24	12.32	12.41	12.14		
5	64QAM	12	0	12.14	12.31	12.22	13.5	0
5	64QAM	12	7	12.33	12.36	12.24		
5	64QAM	12	13	12.21	12.31	12.18		
5	64QAM	25	0	12.18	12.32	12.28		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	12.11	12.03	12.03	13.5	0
3	QPSK	1	8	12.39	12.24	12.32		
3	QPSK	1	14	12.16	12.21	12.16		
3	QPSK	8	0	12.23	12.24	12.28	13.5	0
3	QPSK	8	4	12.31	12.33	12.26		
3	QPSK	8	7	12.32	12.28	12.24		
3	QPSK	15	0	12.38	12.25	12.31		
3	16QAM	1	0	12.29	12.36	12.33	13.5	0
3	16QAM	1	8	12.50	12.26	12.42		
3	16QAM	1	14	12.23	12.42	12.41		
3	16QAM	8	0	12.28	12.29	12.27	13.5	0
3	16QAM	8	4	12.24	12.37	12.37		
3	16QAM	8	7	12.37	12.34	12.28		
3	16QAM	15	0	12.26	12.23	12.30		
3	64QAM	1	0	12.13	12.41	12.24	13.5	0
3	64QAM	1	8	12.39	12.17	12.17		
3	64QAM	1	14	12.42	12.36	12.30		
3	64QAM	8	0	12.18	12.19	12.31	13.5	0
3	64QAM	8	4	12.44	12.23	12.38		
3	64QAM	8	7	12.43	12.38	12.36		
3	64QAM	15	0	12.28	12.23	12.23		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	12.18	12.02	12.10	13.5	0
1.4	QPSK	1	3	12.16	12.15	12.20		
1.4	QPSK	1	5	12.13	12.09	12.12		
1.4	QPSK	3	0	12.19	12.04	12.08		
1.4	QPSK	3	1	12.14	12.19	12.14		
1.4	QPSK	3	3	12.12	12.13	12.08		
1.4	QPSK	6	0	12.16	12.15	12.10	13.5	0
1.4	16QAM	1	0	12.32	12.25	12.31	13.5	0
1.4	16QAM	1	3	12.19	12.38	12.22		
1.4	16QAM	1	5	12.30	12.37	12.52		
1.4	16QAM	3	0	12.23	12.16	12.20		
1.4	16QAM	3	1	12.41	12.22	12.15		
1.4	16QAM	3	3	12.17	12.29	12.21		
1.4	16QAM	6	0	12.21	12.31	12.22	13.5	0
1.4	64QAM	1	0	12.14	12.32	12.31	13.5	0
1.4	64QAM	1	3	12.10	12.30	12.32		
1.4	64QAM	1	5	12.11	12.01	12.24		
1.4	64QAM	3	0	12.29	12.33	12.21		
1.4	64QAM	3	1	12.38	12.40	12.21		
1.4	64QAM	3	3	12.34	12.21	12.32		
1.4	64QAM	6	0	12.24	12.13	12.12	13.5	0

Band 5 (Cellular Band) UL CA&ENDC
Part 22H(only on channel required)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	20.27	20.29	20.13	20.5	0
10	QPSK	1	25	20.25	20.13	20.25		
10	QPSK	1	49	20.23	20.27	20.14		
10	QPSK	25	0	20.13	20.28	20.13	20.5	0
10	QPSK	25	12	20.25	20.27	20.13		
10	QPSK	25	25	20.05	19.92	20.16		
10	QPSK	50	0	20.05	20.06	19.83		
10	16QAM	1	0	20.28	20.03	20.03	20.5	0
10	16QAM	1	25	20.24	20.22	20.13		
10	16QAM	1	49	20.13	20.03	20.10		
10	16QAM	25	0	20.07	20.01	19.94	20.5	0
10	16QAM	25	12	20.17	19.97	20.03		
10	16QAM	25	25	20.07	20.10	19.98		
10	16QAM	50	0	20.15	19.89	20.08		
10	64QAM	1	0	19.92	20.13	19.92	20.5	0
10	64QAM	1	25	19.87	19.93	19.84		
10	64QAM	1	49	19.98	19.83	19.83		
10	64QAM	25	0	20.22	20.05	20.04	20.5	0
10	64QAM	25	12	20.22	20.08	20.04		
10	64QAM	25	25	20.07	20.22	19.99		
10	64QAM	50	0	20.07	20.03	19.94		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	20.01	19.78	19.72	20.5	0
5	QPSK	1	12	20.03	19.89	19.77		
5	QPSK	1	24	19.91	19.87	19.69		
5	QPSK	12	0	20.08	19.88	19.75	20.5	0
5	QPSK	12	7	20.13	20.01	19.76		
5	QPSK	12	13	20.04	19.99	19.75		
5	QPSK	25	0	20.07	19.91	19.80		
5	16QAM	1	0	20.02	20.03	20.06	20.5	0
5	16QAM	1	12	20.16	20.18	20.14		
5	16QAM	1	24	20.13	20.03	20.13		
5	16QAM	12	0	20.21	20.03	19.96	20.5	0
5	16QAM	12	7	20.24	20.14	19.95		
5	16QAM	12	13	20.27	20.09	19.97		
5	16QAM	25	0	20.25	20.07	19.99		
5	64QAM	1	0	19.86	19.72	19.65	20.5	0
5	64QAM	1	12	20.00	19.86	19.74		
5	64QAM	1	24	19.90	19.73	20.00		
5	64QAM	12	0	20.11	20.00	19.95	20.5	0
5	64QAM	12	7	20.25	20.17	19.96		
5	64QAM	12	13	20.12	20.02	19.95		
5	64QAM	25	0	20.21	20.10	19.97		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	19.91	19.78	19.78	20.5	0
3	QPSK	1	8	20.02	19.91	19.78		
3	QPSK	1	14	19.95	19.82	19.70		
3	QPSK	8	0	20.13	19.89	19.83	20.5	0
3	QPSK	8	4	20.11	19.98	19.85		
3	QPSK	8	7	20.00	20.01	19.84		
3	QPSK	15	0	20.04	20.01	19.82		
3	16QAM	1	0	20.06	20.13	20.04	20.5	0
3	16QAM	1	8	20.02	20.17	20.14		
3	16QAM	1	14	19.98	20.05	19.87		
3	16QAM	8	0	20.19	20.18	20.05	20.5	0
3	16QAM	8	4	20.28	20.24	19.96		
3	16QAM	8	7	20.18	20.19	19.89		
3	16QAM	15	0	20.28	20.12	19.93		
3	64QAM	1	0	19.94	19.86	19.92	20.5	0
3	64QAM	1	8	20.09	19.96	19.85		
3	64QAM	1	14	19.96	19.81	19.92		
3	64QAM	8	0	20.23	20.09	19.92	20.5	0
3	64QAM	8	4	20.25	20.12	19.96		
3	64QAM	8	7	20.11	20.04	20.11		
3	64QAM	15	0	20.19	20.04	20.05		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	19.87	19.87	19.61	20.5	0
1.4	QPSK	1	3	19.95	19.86	19.73		
1.4	QPSK	1	5	19.91	19.75	19.65		
1.4	QPSK	3	0	19.94	19.80	19.57		
1.4	QPSK	3	1	19.99	19.91	19.74		
1.4	QPSK	3	3	20.04	19.80	19.63		
1.4	QPSK	6	0	20.01	19.92	19.72	20.5	0
1.4	16QAM	1	0	20.03	20.25	19.98	20.5	0
1.4	16QAM	1	3	20.25	20.03	20.03		
1.4	16QAM	1	5	20.06	20.22	20.03		
1.4	16QAM	3	0	20.06	20.00	19.63		
1.4	16QAM	3	1	20.10	19.97	19.83		
1.4	16QAM	3	3	20.05	19.72	19.79		
1.4	16QAM	6	0	20.20	20.02	19.94	20.5	0
1.4	64QAM	1	0	19.74	19.84	19.82	20.5	0
1.4	64QAM	1	3	19.73	20.17	19.98		
1.4	64QAM	1	5	19.82	19.74	19.85		
1.4	64QAM	3	0	19.79	19.72	19.61		
1.4	64QAM	3	1	19.74	19.97	19.83		
1.4	64QAM	3	3	19.93	19.92	19.57		
1.4	64QAM	6	0	20.20	20.06	19.86	20.5	0

Band 12 (700MHz Low Band) UL CA&ENDC
Part 27F(only on channel required)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	21.90	22.16	21.95	22.5	0
10	QPSK	1	25	21.82	21.89	22.01		
10	QPSK	1	49	21.89	21.93	22.10		
10	QPSK	25	0	21.60	21.93	21.64	22.5	0
10	QPSK	25	12	21.78	21.80	21.92		
10	QPSK	25	25	21.87	21.81	21.85		
10	QPSK	50	0	21.76	21.83	21.81		
10	16QAM	1	0	21.83	21.84	21.80	22.5	0
10	16QAM	1	25	21.72	21.78	22.00		
10	16QAM	1	49	21.73	22.11	21.80		
10	16QAM	25	0	21.35	21.40	21.30	22	0.5
10	16QAM	25	12	21.54	21.55	21.59		
10	16QAM	25	25	21.58	21.63	21.43		
10	16QAM	50	0	21.48	21.73	21.39		
10	64QAM	1	0	21.72	21.68	21.89	22	0.5
10	64QAM	1	25	21.74	21.76	21.71		
10	64QAM	1	49	21.93	21.98	21.72		
10	64QAM	25	0	20.47	20.48	20.31	21	1.5
10	64QAM	25	12	20.62	20.57	20.64		
10	64QAM	25	25	20.56	20.57	20.40		
10	64QAM	50	0	20.51	20.47	20.61		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	21.76	21.83	21.96	22.5	0
5	QPSK	1	12	21.89	21.87	21.82		
5	QPSK	1	24	21.90	21.71	21.80		
5	QPSK	12	0	21.73	21.73	21.69	22.5	0
5	QPSK	12	7	21.73	21.77	21.71		
5	QPSK	12	13	21.71	21.79	21.71		
5	QPSK	25	0	21.86	21.98	22.04		
5	16QAM	1	0	21.89	21.89	21.71	22.5	0
5	16QAM	1	12	21.86	21.98	22.04		
5	16QAM	1	24	21.89	21.89	21.71		
5	16QAM	12	0	21.58	21.59	21.42	22	0.5
5	16QAM	12	7	21.49	21.49	21.51		
5	16QAM	12	13	21.51	21.67	21.43		
5	16QAM	25	0	21.86	21.98	21.89		
5	64QAM	1	0	21.38	21.34	21.35	22	0.5
5	64QAM	1	12	21.43	21.39	21.77		
5	64QAM	1	24	21.41	21.50	21.39		
5	64QAM	12	0	20.54	20.55	20.49	21	1.5
5	64QAM	12	7	20.48	20.53	20.45		
5	64QAM	12	13	20.46	20.61	20.55		
5	64QAM	25	0	20.45	20.55	20.45		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.01	21.90	21.85	22.5	0
3	QPSK	1	8	21.96	21.99	22.01		
3	QPSK	1	14	21.86	22.01	21.85		
3	QPSK	8	0	21.70	21.79	21.71	22.5	0
3	QPSK	8	4	21.89	21.78	21.83		
3	QPSK	8	7	21.83	21.86	21.75		
3	QPSK	15	0	21.79	21.79	21.78		
3	16QAM	1	0	21.95	22.15	22.04	22.5	0
3	16QAM	1	8	21.70	21.79	21.71		
3	16QAM	1	14	21.95	22.15	22.04		
3	16QAM	8	0	21.45	21.61	21.41	22	0.5
3	16QAM	8	4	21.62	21.50	21.63		
3	16QAM	8	7	21.52	21.69	21.57		
3	16QAM	15	0	21.50	21.57	21.48		
3	64QAM	1	0	21.76	21.46	21.40	22	0.5
3	64QAM	1	8	21.80	21.55	21.57		
3	64QAM	1	14	21.48	21.47	21.76		
3	64QAM	8	0	20.56	20.54	20.48	21	1.5
3	64QAM	8	4	20.53	20.56	20.73		
3	64QAM	8	7	20.66	20.77	20.69		
3	64QAM	15	0	20.45	20.53	20.52		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	21.76	21.83	21.82	22.5	0
1.4	QPSK	1	3	21.91	21.91	21.81		
1.4	QPSK	1	5	21.83	21.90	21.70		
1.4	QPSK	3	0	21.79	21.78	21.74		
1.4	QPSK	3	1	21.83	21.76	21.79		
1.4	QPSK	3	3	21.74	21.87	21.72		
1.4	QPSK	6	0	21.69	21.75	21.60	22.5	0
1.4	16QAM	1	0	21.83	21.90	21.70	22.5	0
1.4	16QAM	1	3	21.79	21.78	21.74		
1.4	16QAM	1	5	21.83	21.76	21.79		
1.4	16QAM	3	0	21.76	21.77	21.70		
1.4	16QAM	3	1	21.83	21.90	21.70		
1.4	16QAM	3	3	21.79	21.78	21.74		
1.4	16QAM	6	0	21.83	21.76	21.79	22	0.5
1.4	64QAM	1	0	21.60	21.40	21.88	22	0.5
1.4	64QAM	1	3	21.46	21.82	21.53		
1.4	64QAM	1	5	21.58	21.52	21.53		
1.4	64QAM	3	0	21.58	21.57	21.54		
1.4	64QAM	3	1	21.61	21.44	21.74		
1.4	64QAM	3	3	21.65	21.64	21.50		
1.4	64QAM	6	0	20.75	20.77	20.75	21	1.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		12.33		12.5	0
10	QPSK	1	25		12.23			
10	QPSK	1	49		12.25			
10	QPSK	25	0		12.22		12.5	0
10	QPSK	25	12		12.21			
10	QPSK	25	25		12.12			
10	QPSK	50	0		12.05			
10	16QAM	1	0		12.21		12.5	0
10	16QAM	1	25		12.21			
10	16QAM	1	49		12.00			
10	16QAM	25	0		11.73		12.5	0
10	16QAM	25	12		11.82			
10	16QAM	25	25		11.76			
10	16QAM	50	0		11.75			
10	64QAM	1	0		12.12		12.5	0
10	64QAM	1	25		12.13			
10	64QAM	1	49		12.07			
10	64QAM	25	0		11.69		12.5	0
10	64QAM	25	12		11.97			
10	64QAM	25	25		11.81			
10	64QAM	50	0		11.81			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	11.74	11.81	11.87	12.5	0
5	QPSK	1	12	11.84	11.84	11.78		
5	QPSK	1	24	11.83	11.61	11.83		
5	QPSK	12	0	11.92	11.89	11.93	12.5	0
5	QPSK	12	7	12.02	11.84	11.99		
5	QPSK	12	13	11.91	11.79	11.85		
5	QPSK	25	0	11.93	11.88	11.93		
5	16QAM	1	0	12.09	12.21	12.02	12.5	0
5	16QAM	1	12	12.12	12.21	12.06		
5	16QAM	1	24	12.30	12.06	12.15		
5	16QAM	12	0	12.01	11.93	12.01	12.5	0
5	16QAM	12	7	12.06	12.04	12.06		
5	16QAM	12	13	12.01	11.84	11.99		
5	16QAM	25	0	11.87	11.89	11.92		
5	64QAM	1	0	11.95	11.97	12.08	12.5	0
5	64QAM	1	12	11.85	12.32	11.93		
5	64QAM	1	24	12.07	11.98	11.86		
5	64QAM	12	0	11.92	11.90	11.91	12.5	0
5	64QAM	12	7	12.02	11.87	12.02		
5	64QAM	12	13	11.89	11.88	11.94		
5	64QAM	25	0	11.98	11.81	11.88		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	12.63	12.72	12.62	13.5	0
20	QPSK	1	49	12.54	12.62	12.61		
20	QPSK	1	99	12.43	12.42	12.44		
20	QPSK	50	0	12.45	12.71	12.41	13.5	0
20	QPSK	50	24	12.49	12.49	12.50		
20	QPSK	50	50	12.35	12.35	12.31		
20	QPSK	100	0	12.37	12.45	12.26		
20	16QAM	1	0	12.32	12.42	12.34	13.5	0
20	16QAM	1	49	12.50	12.48	12.45		
20	16QAM	1	99	12.26	12.17	12.26		
20	16QAM	50	0	12.38	12.49	12.36	13.5	0
20	16QAM	50	24	12.36	12.42	12.26		
20	16QAM	50	50	12.35	12.41	12.29		
20	16QAM	100	0	12.37	12.43	12.31		
20	64QAM	1	0	12.26	12.10	12.42	13.5	0
20	64QAM	1	49	12.36	12.51	12.47		
20	64QAM	1	99	12.23	12.59	12.36		
20	64QAM	50	0	12.39	12.38	12.37	13.5	0
20	64QAM	50	24	12.49	12.35	12.37		
20	64QAM	50	50	12.17	12.21	12.28		
20	64QAM	100	0	12.25	12.36	12.22		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	12.42	12.46	12.31	13.5	0
15	QPSK	1	37	12.23	12.39	12.27		
15	QPSK	1	74	12.14	12.14	12.22		
15	QPSK	36	0	12.47	12.46	12.35	13.5	0
15	QPSK	36	20	12.46	12.47	12.31		
15	QPSK	36	39	12.39	12.36	12.26		
15	QPSK	75	0	12.45	12.31	12.32		
15	16QAM	1	0	12.49	12.32	12.50	13.5	0
15	16QAM	1	37	12.34	12.60	12.33		
15	16QAM	1	74	12.56	12.53	12.43		
15	16QAM	36	0	12.48	12.53	12.38	13.5	0
15	16QAM	36	20	12.43	12.46	12.43		
15	16QAM	36	39	12.36	12.38	12.37		
15	16QAM	75	0	12.44	12.40	12.27		
15	64QAM	1	0	12.51	12.29	12.43	13.5	0
15	64QAM	1	37	12.55	12.26	12.47		
15	64QAM	1	74	12.35	12.37	12.35		
15	64QAM	36	0	12.35	12.39	12.45	13.5	0
15	64QAM	36	20	12.47	12.35	12.27		
15	64QAM	36	39	12.36	12.42	12.38		
15	64QAM	75	0	12.43	12.45	12.30		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	12.28	12.21	12.10	13.5	0
10	QPSK	1	25	12.34	12.26	12.30		
10	QPSK	1	49	12.19	12.21	12.53		
10	QPSK	25	0	12.32	12.35	12.35	13.5	0
10	QPSK	25	12	12.42	12.35	12.37		
10	QPSK	25	25	12.45	12.35	12.33		
10	QPSK	50	0	12.40	12.39	12.24		
10	16QAM	1	0	12.44	12.41	12.42	13.5	0
10	16QAM	1	25	12.44	12.45	12.59		
10	16QAM	1	49	12.10	12.29	12.23		
10	16QAM	25	0	12.40	12.43	12.33	13.5	0
10	16QAM	25	12	12.36	12.41	12.32		
10	16QAM	25	25	12.36	12.38	12.28		
10	16QAM	50	0	12.45	12.31	12.23		
10	64QAM	1	0	12.57	12.63	12.52	13.5	0
10	64QAM	1	25	12.63	12.35	12.43		
10	64QAM	1	49	12.63	12.42	12.56		
10	64QAM	25	0	12.37	12.40	12.39	13.5	0
10	64QAM	25	12	12.49	12.39	12.40		
10	64QAM	25	25	12.45	12.41	12.32		
10	64QAM	50	0	12.31	12.36	12.20		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	12.38	12.29	12.22	13.5	0
5	QPSK	1	12	12.36	12.45	12.22		
5	QPSK	1	24	12.21	12.34	12.25		
5	QPSK	12	0	12.35	12.40	12.38	13.5	0
5	QPSK	12	7	12.40	12.42	12.38		
5	QPSK	12	13	12.37	12.49	12.37		
5	QPSK	25	0	12.43	12.40	12.38		
5	16QAM	1	0	12.50	12.36	12.52	13.5	0
5	16QAM	1	12	12.51	12.42	12.63		
5	16QAM	1	24	12.54	12.36	12.41		
5	16QAM	12	0	12.41	12.45	12.35	13.5	0
5	16QAM	12	7	12.40	12.42	12.46		
5	16QAM	12	13	12.39	12.43	12.32		
5	16QAM	25	0	12.35	12.48	12.37		
5	64QAM	1	0	12.53	12.40	12.42	13.5	0
5	64QAM	1	12	12.42	12.31	12.42		
5	64QAM	1	24	12.47	12.51	12.31		
5	64QAM	12	0	12.27	12.47	12.33	13.5	0
5	64QAM	12	7	12.42	12.50	12.36		
5	64QAM	12	13	12.36	12.41	12.35		
5	64QAM	25	0	12.31	12.48	12.39		
Channel				131967	132322	132677	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	12.24	12.19	12.14	13.5	0
3	QPSK	1	8	12.52	12.40	12.43		
3	QPSK	1	14	12.29	12.37	12.27		
3	QPSK	8	0	12.36	12.40	12.39	13.5	0
3	QPSK	8	4	12.44	12.49	12.37		
3	QPSK	8	7	12.45	12.44	12.35		
3	QPSK	15	0	12.51	12.41	12.42		
3	16QAM	1	0	12.42	12.52	12.44	13.5	0
3	16QAM	1	8	12.63	12.42	12.53		
3	16QAM	1	14	12.36	12.58	12.52		
3	16QAM	8	0	12.41	12.45	12.38	13.5	0
3	16QAM	8	4	12.37	12.53	12.48		
3	16QAM	8	7	12.50	12.50	12.39		
3	16QAM	15	0	12.39	12.39	12.41		
3	64QAM	1	0	12.26	12.57	12.35	13.5	0
3	64QAM	1	8	12.52	12.33	12.28		
3	64QAM	1	14	12.55	12.52	12.41		
3	64QAM	8	0	12.31	12.35	12.42	13.5	0
3	64QAM	8	4	12.57	12.39	12.49		
3	64QAM	8	7	12.56	12.54	12.47		
3	64QAM	15	0	12.41	12.39	12.34		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	12.31	12.18	12.21	13.5	0
1.4	QPSK	1	3	12.29	12.31	12.31		
1.4	QPSK	1	5	12.26	12.25	12.23		
1.4	QPSK	3	0	12.32	12.20	12.19		
1.4	QPSK	3	1	12.27	12.35	12.25		
1.4	QPSK	3	3	12.25	12.29	12.19		
1.4	QPSK	6	0	12.29	12.31	12.21	13.5	0
1.4	16QAM	1	0	12.45	12.41	12.42	13.5	0
1.4	16QAM	1	3	12.32	12.54	12.33		
1.4	16QAM	1	5	12.43	12.53	12.63		
1.4	16QAM	3	0	12.36	12.32	12.31		
1.4	16QAM	3	1	12.54	12.38	12.26		
1.4	16QAM	3	3	12.30	12.45	12.32		
1.4	16QAM	6	0	12.34	12.47	12.33	13.5	0
1.4	64QAM	1	0	12.27	12.48	12.42	13.5	0
1.4	64QAM	1	3	12.23	12.46	12.43		
1.4	64QAM	1	5	12.24	12.17	12.35		
1.4	64QAM	3	0	12.42	12.49	12.32		
1.4	64QAM	3	1	12.51	12.56	12.32		
1.4	64QAM	3	3	12.47	12.37	12.43		
1.4	64QAM	6	0	12.37	12.29	12.23	13.5	0

LAT Reduced Power Mode for Handheld On-ENDC&UL CA

Band 2 (1900MHz Band) UL CA&ENDC
Part 24E

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	17.32	17.36	17.12	18	0
20	QPSK	1	49	17.00	17.21	17.10		
20	QPSK	1	99	17.02	17.00	17.05		
20	QPSK	50	0	16.81	17.12	16.87	18	0
20	QPSK	50	24	17.11	16.94	16.95		
20	QPSK	50	50	16.86	16.93	17.00		
20	QPSK	100	0	16.89	16.82	16.94		
20	16QAM	1	0	17.30	17.19	17.23	18	0
20	16QAM	1	49	17.20	17.26	17.28		
20	16QAM	1	99	17.16	17.09	17.16		
20	16QAM	50	0	16.79	16.89	16.86	18	0
20	16QAM	50	24	16.94	16.97	17.01		
20	16QAM	50	50	16.89	17.00	17.02		
20	16QAM	100	0	16.89	16.88	16.85		
20	64QAM	1	0	16.98	17.23	17.28	18	0
20	64QAM	1	49	17.11	17.24	17.23		
20	64QAM	1	99	17.05	17.27	17.22		
20	64QAM	50	0	16.84	16.91	16.85	18	0
20	64QAM	50	24	16.95	16.95	16.99		
20	64QAM	50	50	16.89	16.97	16.99		
20	64QAM	100	0	16.87	16.90	16.89		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	16.72	16.94	16.92	18	0
15	QPSK	1	37	16.82	16.88	16.90		
15	QPSK	1	74	16.67	16.88	16.88		
15	QPSK	36	0	16.78	16.87	16.89	18	0
15	QPSK	36	20	16.95	16.96	17.03		
15	QPSK	36	39	16.89	16.96	17.01		
15	QPSK	75	0	16.90	16.88	16.97		
15	16QAM	1	0	17.06	17.33	17.26	18	0
15	16QAM	1	37	17.25	17.26	17.29		
15	16QAM	1	74	16.99	17.34	17.26		
15	16QAM	36	0	16.85	16.89	16.87	18	0
15	16QAM	36	20	16.94	16.95	17.04		
15	16QAM	36	39	16.97	17.00	17.03		
15	16QAM	75	0	16.92	16.90	16.89		
15	64QAM	1	0	16.89	17.21	17.24	18	0
15	64QAM	1	37	17.15	17.18	17.08		
15	64QAM	1	74	17.01	17.22	17.20		
15	64QAM	36	0	16.86	16.91	16.91	18	0
15	64QAM	36	20	16.90	16.95	17.07		
15	64QAM	36	39	16.94	17.02	17.02		
15	64QAM	75	0	16.89	16.92	16.92		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	16.58	16.61	17.01	18	0
10	QPSK	1	25	16.87	16.98	16.96		
10	QPSK	1	49	16.59	16.62	16.88		
10	QPSK	25	0	16.86	16.85	16.90	18	0
10	QPSK	25	12	16.95	16.96	17.00		
10	QPSK	25	25	16.83	16.93	16.95		
10	QPSK	50	0	16.85	16.85	16.90		
10	16QAM	1	0	16.87	16.94	17.00	18	0
10	16QAM	1	25	17.29	17.00	17.33		
10	16QAM	1	49	16.91	16.93	17.26		
10	16QAM	25	0	16.92	16.92	16.93	18	0
10	16QAM	25	12	17.00	17.00	17.04		
10	16QAM	25	25	16.83	16.94	16.94		
10	16QAM	50	0	16.90	16.93	16.95		
10	64QAM	1	0	16.88	16.96	17.00	18	0
10	64QAM	1	25	17.00	17.00	17.00		
10	64QAM	1	49	17.11	17.17	17.00		
10	64QAM	25	0	16.96	16.92	16.89	18	0
10	64QAM	25	12	17.00	17.01	17.00		
10	64QAM	25	25	16.83	16.92	16.99		
10	64QAM	50	0	16.84	16.90	16.89		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	16.83	16.86	16.99	18	0
5	QPSK	1	12	16.89	16.99	17.00		
5	QPSK	1	24	16.75	16.86	16.92		
5	QPSK	12	0	17.00	17.03	17.09	18	0
5	QPSK	12	7	16.99	17.08	17.11		
5	QPSK	12	13	16.91	16.98	17.03		
5	QPSK	25	0	16.91	16.95	17.04		
5	16QAM	1	0	17.21	17.20	17.31	18	0
5	16QAM	1	12	17.13	17.23	17.27		
5	16QAM	1	24	17.06	17.08	17.18		
5	16QAM	12	0	17.04	17.08	17.16	18	0
5	16QAM	12	7	17.04	17.10	17.15		
5	16QAM	12	13	16.93	17.03	17.03		
5	16QAM	25	0	16.98	17.03	17.07		
5	64QAM	1	0	17.07	17.17	17.08	18	0
5	64QAM	1	12	17.22	17.26	17.25		
5	64QAM	1	24	16.96	17.05	17.18		
5	64QAM	12	0	17.05	17.05	17.08	18	0
5	64QAM	12	7	16.98	17.05	17.11		
5	64QAM	12	13	16.91	16.98	17.00		
5	64QAM	25	0	16.97	17.00	17.09		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	16.96	16.92	16.99	18	0
3	QPSK	1	8	16.92	17.02	16.97		
3	QPSK	1	14	16.77	16.88	16.93		
3	QPSK	8	0	16.96	16.98	17.10	18	0
3	QPSK	8	4	16.97	17.06	17.10		
3	QPSK	8	7	16.95	17.00	17.03		
3	QPSK	15	0	16.94	16.99	17.04		
3	16QAM	1	0	17.20	17.18	17.00	18	0
3	16QAM	1	8	17.30	17.10	17.35		
3	16QAM	1	14	17.04	17.26	17.30		
3	16QAM	8	0	17.08	17.12	17.09	18	0
3	16QAM	8	4	17.08	17.11	17.14		
3	16QAM	8	7	16.96	17.04	17.09		
3	16QAM	15	0	17.03	17.05	17.13		
3	64QAM	1	0	17.11	17.12	17.25	18	0
3	64QAM	1	8	17.18	17.29	17.31		
3	64QAM	1	14	16.98	17.12	17.07		
3	64QAM	8	0	17.01	17.04	17.15	18	0
3	64QAM	8	4	17.01	17.13	17.07		
3	64QAM	8	7	16.95	17.07	17.06		
3	64QAM	15	0	16.97	17.02	17.07		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	16.83	16.86	16.86	18	0
1.4	QPSK	1	3	16.84	16.95	16.93		
1.4	QPSK	1	5	16.77	16.84	16.82		
1.4	QPSK	3	0	16.85	16.90	16.91		
1.4	QPSK	3	1	16.86	16.97	16.91		
1.4	QPSK	3	3	16.79	16.88	16.88		
1.4	QPSK	6	0	16.91	17.01	16.95	18	0
1.4	16QAM	1	0	17.22	17.20	17.17	18	0
1.4	16QAM	1	3	17.14	17.19	17.31		
1.4	16QAM	1	5	17.22	17.13	17.08		
1.4	16QAM	3	0	16.89	17.01	17.04		
1.4	16QAM	3	1	16.98	17.06	16.98		
1.4	16QAM	3	3	16.92	16.89	16.92		
1.4	16QAM	6	0	16.99	17.11	17.13	18	0
1.4	64QAM	1	0	17.00	17.27	17.22	18	0
1.4	64QAM	1	3	16.99	17.17	17.26		
1.4	64QAM	1	5	16.91	17.11	17.06		
1.4	64QAM	3	0	17.02	17.08	17.03		
1.4	64QAM	3	1	17.00	17.05	17.05		
1.4	64QAM	3	3	16.86	17.04	17.03		
1.4	64QAM	6	0	16.89	17.03	17.00	18	0

Band 4 (AWS Band) ENDC
Part 27L (only on channel required)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	15.82	16.21	15.94	17	0
20	QPSK	1	49	16.15	16.20	15.86		
20	QPSK	1	99	15.85	15.77	16.11		
20	QPSK	50	0	15.73	15.79	15.71	17	0
20	QPSK	50	24	15.77	15.79	15.67		
20	QPSK	50	50	15.50	15.64	15.63		
20	QPSK	100	0	15.72	15.61	15.62		
20	16QAM	1	0	16.01	15.84	16.13	17	0
20	16QAM	1	49	15.90	16.00	15.96		
20	16QAM	1	99	15.71	15.83	15.78		
20	16QAM	50	0	15.64	15.80	15.66	17	0
20	16QAM	50	24	15.76	15.72	15.65		
20	16QAM	50	50	15.63	15.67	15.62		
20	16QAM	100	0	15.67	15.71	15.63		
20	64QAM	1	0	15.74	15.45	15.70	17	0
20	64QAM	1	49	15.71	15.83	15.44		
20	64QAM	1	99	15.71	15.52	15.45		
20	64QAM	50	0	15.66	15.74	15.69	17	0
20	64QAM	50	24	15.82	15.77	15.71		
20	64QAM	50	50	15.59	15.72	15.58		
20	64QAM	100	0	15.66	15.68	15.62		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	15.56	15.59	15.63	17	0
15	QPSK	1	37	15.64	15.64	15.65		
15	QPSK	1	74	15.51	15.56	15.40		
15	QPSK	36	0	15.59	15.75	15.69	17	0
15	QPSK	36	20	15.78	15.68	15.69		
15	QPSK	36	39	15.70	15.77	15.60		
15	QPSK	75	0	15.67	15.60	15.60		
15	16QAM	1	0	15.82	15.55	15.94	17	0
15	16QAM	1	37	15.82	15.75	15.86		
15	16QAM	1	74	15.46	15.77	15.87		
15	16QAM	36	0	15.77	15.71	15.71	17	0
15	16QAM	36	20	15.69	15.83	15.75		
15	16QAM	36	39	15.60	15.72	15.67		
15	16QAM	75	0	15.76	15.70	15.77		
15	64QAM	1	0	15.77	15.38	15.73	17	0
15	64QAM	1	37	15.70	15.66	15.62		
15	64QAM	1	74	15.82	15.58	15.81		
15	64QAM	36	0	15.59	15.80	15.61	17	0
15	64QAM	36	20	15.77	15.77	15.65		
15	64QAM	36	39	15.65	15.74	15.66		
15	64QAM	75	0	15.62	15.67	15.56		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	15.27	15.51	15.52	17	0
10	QPSK	1	25	15.32	15.41	15.53		
10	QPSK	1	49	15.33	15.40	15.54		
10	QPSK	25	0	15.32	15.47	15.49	17	0
10	QPSK	25	12	15.49	15.48	15.64		
10	QPSK	25	25	15.49	15.54	15.71		
10	QPSK	50	0	15.43	15.46	15.58		
10	16QAM	1	0	15.70	15.75	15.98	17	0
10	16QAM	1	25	15.74	15.80	15.87		
10	16QAM	1	49	15.55	15.90	15.93		
10	16QAM	25	0	15.35	15.42	15.50	17	0
10	16QAM	25	12	15.54	15.52	15.59		
10	16QAM	25	25	15.44	15.60	15.71		
10	16QAM	50	0	15.44	15.42	15.57		
10	64QAM	1	0	15.69	15.70	15.93	17	0
10	64QAM	1	25	15.61	15.80	15.67		
10	64QAM	1	49	15.49	15.93	15.85		
10	64QAM	25	0	15.40	15.41	15.50	17	0
10	64QAM	25	12	15.44	15.55	15.62		
10	64QAM	25	25	15.46	15.50	15.72		
10	64QAM	50	0	15.47	15.45	15.59		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	15.22	15.43	15.54	17	0
5	QPSK	1	12	15.28	15.47	15.57		
5	QPSK	1	24	15.23	15.42	15.62		
5	QPSK	12	0	15.37	15.43	15.53	17	0
5	QPSK	12	7	15.45	15.59	15.71		
5	QPSK	12	13	15.49	15.53	15.75		
5	QPSK	25	0	15.46	15.45	15.60		
5	16QAM	1	0	15.77	15.80	15.85	17	0
5	16QAM	1	12	15.79	15.74	15.90		
5	16QAM	1	24	15.66	15.90	15.98		
5	16QAM	12	0	15.28	15.50	15.50	17	0
5	16QAM	12	7	15.46	15.49	15.69		
5	16QAM	12	13	15.50	15.52	15.70		
5	16QAM	25	0	15.41	15.48	15.56		
5	64QAM	1	0	15.70	15.65	15.95	17	0
5	64QAM	1	12	15.87	15.74	15.81		
5	64QAM	1	24	15.48	15.96	15.84		
5	64QAM	12	0	15.34	15.40	15.53	17	0
5	64QAM	12	7	15.51	15.50	15.73		
5	64QAM	12	13	15.41	15.63	15.71		
5	64QAM	25	0	15.46	15.43	15.62		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	15.26	15.21	15.19	17	0
3	QPSK	1	8	15.33	15.39	15.29		
3	QPSK	1	14	15.25	15.32	15.22		
3	QPSK	8	0	15.36	15.30	15.32	17	0
3	QPSK	8	4	15.41	15.36	15.40		
3	QPSK	8	7	15.36	15.38	15.37		
3	QPSK	15	0	15.36	15.31	15.34		
3	16QAM	1	0	15.60	15.55	15.58	17	0
3	16QAM	1	8	15.72	15.78	15.71		
3	16QAM	1	14	15.64	15.71	15.63		
3	16QAM	8	0	15.42	15.40	15.39	17	0
3	16QAM	8	4	15.44	15.40	15.43		
3	16QAM	8	7	15.46	15.44	15.40		
3	16QAM	15	0	15.42	15.40	15.38		
3	64QAM	1	0	15.46	15.46	15.42	17	0
3	64QAM	1	8	15.60	15.61	15.55		
3	64QAM	1	14	15.52	15.58	15.48		
3	64QAM	8	0	15.37	15.38	15.39	17	0
3	64QAM	8	4	15.42	15.38	15.40		
3	64QAM	8	7	15.41	15.39	15.38		
3	64QAM	15	0	15.35	15.34	15.39		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	15.17	15.11	15.14	17	0
1.4	QPSK	1	3	15.27	15.26	15.26		
1.4	QPSK	1	5	15.19	15.24	15.20		
1.4	QPSK	3	0	15.22	15.14	15.18		
1.4	QPSK	3	1	15.26	15.29	15.24		
1.4	QPSK	3	3	15.21	15.23	15.22		
1.4	QPSK	6	0	15.31	15.28	15.25	17	0
1.4	16QAM	1	0	15.52	15.47	15.51	17	0
1.4	16QAM	1	3	15.62	15.62	15.63		
1.4	16QAM	1	5	15.60	15.58	15.55		
1.4	16QAM	3	0	15.33	15.29	15.32		
1.4	16QAM	3	1	15.37	15.40	15.34		
1.4	16QAM	3	3	15.32	15.33	15.31		
1.4	16QAM	6	0	15.39	15.35	15.40	17	0
1.4	64QAM	1	0	15.38	15.30	15.35	17	0
1.4	64QAM	1	3	15.41	15.47	15.42		
1.4	64QAM	1	5	15.40	15.42	15.39		
1.4	64QAM	3	0	15.35	15.30	15.33		
1.4	64QAM	3	1	15.43	15.46	15.35		
1.4	64QAM	3	3	15.31	15.34	15.30		
1.4	64QAM	6	0	15.31	15.26	15.28	17	0

Band 5 (Celluar Band) UL CA&ENDC
Part 22H(only on channel required)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.46	22.57	22.30	23	0
10	QPSK	1	25	22.39	22.32	22.27		
10	QPSK	1	49	22.42	22.30	22.18		
10	QPSK	25	0	22.48	22.49	22.33	23	0
10	QPSK	25	12	22.32	22.38	22.41		
10	QPSK	25	25	22.33	22.44	22.32		
10	QPSK	50	0	22.46	22.48	22.34		
10	16QAM	1	0	22.41	22.56	22.38	23	0
10	16QAM	1	25	22.38	22.41	22.33		
10	16QAM	1	49	22.48	22.41	22.52		
10	16QAM	25	0	21.30	21.21	21.16	22	1
10	16QAM	25	12	21.33	21.21	21.19		
10	16QAM	25	25	21.26	21.23	21.11		
10	16QAM	50	0	21.24	21.11	21.08		
10	64QAM	1	0	21.22	21.14	21.06	22	1
10	64QAM	1	25	21.11	21.05	20.99		
10	64QAM	1	49	21.12	21.05	20.94		
10	64QAM	25	0	20.36	20.31	20.21	21	2
10	64QAM	25	12	20.43	20.32	20.31		
10	64QAM	25	25	20.38	20.35	20.21		
10	64QAM	50	0	20.35	20.20	20.18		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	22.45	22.26	22.13	23	0
5	QPSK	1	12	22.46	22.39	22.23		
5	QPSK	1	24	22.38	22.29	22.13		
5	QPSK	12	0	22.52	22.41	22.27	23	0
5	QPSK	12	7	22.29	22.13	22.30		
5	QPSK	12	13	22.52	22.44	22.27		
5	QPSK	25	0	22.55	22.38	22.25		
5	16QAM	1	0	22.27	22.44	22.27	23	0
5	16QAM	1	12	22.52	22.41	22.54		
5	16QAM	1	24	22.52	22.44	22.44		
5	16QAM	12	0	21.34	21.21	21.06	22	1
5	16QAM	12	7	21.37	21.30	21.12		
5	16QAM	12	13	21.32	21.25	21.09		
5	16QAM	25	0	21.35	21.19	21.05		
5	64QAM	1	0	21.39	21.19	21.12	22	1
5	64QAM	1	12	21.39	21.37	21.16		
5	64QAM	1	24	21.33	21.27	21.05		
5	64QAM	12	0	20.41	20.25	20.13	21	2
5	64QAM	12	7	20.46	20.37	20.18		
5	64QAM	12	13	20.42	20.30	20.17		
5	64QAM	25	0	20.43	20.31	20.14		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	22.46	22.28	22.23	23	0
3	QPSK	1	8	22.53	22.43	22.24		
3	QPSK	1	14	22.43	22.34	22.16		
3	QPSK	8	0	22.54	22.38	22.27	23	0
3	QPSK	8	4	22.34	22.16	22.30		
3	QPSK	8	7	22.52	22.42	22.24		
3	QPSK	15	0	22.55	22.44	22.28		
3	16QAM	1	0	22.48	22.42	22.24	23	0
3	16QAM	1	8	22.38	22.44	22.28		
3	16QAM	1	14	22.48	22.30	22.50		
3	16QAM	8	0	21.44	21.39	21.13	22	1
3	16QAM	8	4	21.43	21.33	21.15		
3	16QAM	8	7	21.39	21.30	21.13		
3	16QAM	15	0	21.34	21.28	21.11		
3	64QAM	1	0	21.37	21.24	21.11	22	1
3	64QAM	1	8	21.44	21.39	21.23		
3	64QAM	1	14	21.34	21.27	21.05		
3	64QAM	8	0	20.44	20.31	20.50	21	2
3	64QAM	8	4	20.17	20.09	20.22		
3	64QAM	8	7	20.43	20.34	20.17		
3	64QAM	15	0	20.45	20.34	20.18		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	22.38	22.24	22.11	23	0
1.4	QPSK	1	3	22.42	22.30	22.12		
1.4	QPSK	1	5	22.37	22.24	22.05		
1.4	QPSK	3	0	22.37	22.28	22.12		
1.4	QPSK	3	1	22.40	22.35	22.16		
1.4	QPSK	3	3	22.40	22.30	22.10		
1.4	QPSK	6	0	22.47	22.35	22.17	23	0
1.4	16QAM	1	0	22.46	22.28	22.23	23	0
1.4	16QAM	1	3	22.28	22.43	22.24		
1.4	16QAM	1	5	22.35	22.34	22.16		
1.4	16QAM	3	0	22.30	22.38	22.27		
1.4	16QAM	3	1	22.51	22.43	22.24		
1.4	16QAM	3	3	22.48	22.37	22.19		
1.4	16QAM	6	0	21.32	21.51	21.35	22	1
1.4	64QAM	1	0	21.40	21.50	21.32	22	1
1.4	64QAM	1	3	21.36	21.50	21.34		
1.4	64QAM	1	5	21.26	21.47	21.32		
1.4	64QAM	3	0	21.22	21.41	21.22		
1.4	64QAM	3	1	21.25	21.15	21.22		
1.4	64QAM	3	3	21.21	21.08	21.28		
1.4	64QAM	6	0	20.36	20.24	20.07	21	2

Band 12 (700MHz Low Band) UL CA&ENDC
Part 27F(only on channel required)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	22.57	22.69	22.44	23	0
10	QPSK	1	25	22.55	22.44	22.45		
10	QPSK	1	49	22.57	22.47	22.31		
10	QPSK	25	0	22.59	22.62	22.47	23	0
10	QPSK	25	12	22.45	22.50	22.59		
10	QPSK	25	25	22.31	22.61	22.45		
10	QPSK	50	0	22.47	22.51	22.48		
10	16QAM	1	0	22.59	22.43	22.26	23	0
10	16QAM	1	25	22.47	22.31	22.50		
10	16QAM	1	49	22.60	22.61	22.45		
10	16QAM	25	0	21.46	21.33	21.34	22	1
10	16QAM	25	12	21.48	21.38	21.32		
10	16QAM	25	25	21.37	21.42	21.25		
10	16QAM	50	0	21.40	21.23	21.26		
10	64QAM	1	0	21.37	21.31	21.19	22	1
10	64QAM	1	25	21.22	21.24	21.13		
10	64QAM	1	49	21.28	21.17	21.12		
10	64QAM	25	0	20.51	20.48	20.34	21	2
10	64QAM	25	12	20.54	20.51	20.45		
10	64QAM	25	25	20.54	20.47	20.39		
10	64QAM	50	0	20.50	20.37	20.31		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.60	22.43	22.26	23	0
5	QPSK	1	12	22.57	22.58	22.37		
5	QPSK	1	24	22.54	22.41	22.31		
5	QPSK	12	0	22.37	22.58	22.40	23	0
5	QPSK	12	7	22.58	22.37	22.44		
5	QPSK	12	13	22.44	22.56	22.45		
5	QPSK	25	0	22.45	22.55	22.38		
5	16QAM	1	0	22.38	22.54	22.64	23	0
5	16QAM	1	12	22.64	22.57	22.58		
5	16QAM	1	24	22.41	22.31	22.57		
5	16QAM	12	0	21.45	21.40	21.20	22	1
5	16QAM	12	7	21.53	21.42	21.30		
5	16QAM	12	13	21.47	21.42	21.22		
5	16QAM	25	0	21.46	21.38	21.19		
5	64QAM	1	0	21.55	21.31	21.30	22	1
5	64QAM	1	12	21.54	21.54	21.29		
5	64QAM	1	24	21.44	21.46	21.19		
5	64QAM	12	0	20.57	20.37	20.31	21	2
5	64QAM	12	7	20.61	20.54	20.31		
5	64QAM	12	13	20.53	20.49	20.31		
5	64QAM	25	0	20.59	20.43	20.32		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.62	22.40	22.41	23	0
3	QPSK	1	8	22.30	22.60	22.37		
3	QPSK	1	14	22.54	22.53	22.30		
3	QPSK	8	0	22.37	22.50	22.45	23	0
3	QPSK	8	4	22.30	22.65	22.43		
3	QPSK	8	7	22.38	22.61	22.54		
3	QPSK	15	0	22.46	22.56	22.37		
3	16QAM	1	0	22.65	22.37	22.30	23	0
3	16QAM	1	8	22.37	22.50	22.45		
3	16QAM	1	14	22.53	22.37	22.30		
3	16QAM	8	0	21.54	21.40	21.26	22	1
3	16QAM	8	4	21.54	21.52	21.29		
3	16QAM	8	7	21.55	21.42	21.31		
3	16QAM	15	0	21.49	21.43	21.24		
3	64QAM	1	0	21.48	21.43	21.25	22	1
3	64QAM	1	8	21.60	21.51	21.41		
3	64QAM	1	14	21.49	21.44	21.18		
3	64QAM	8	0	20.55	20.50	20.64	21	2
3	64QAM	8	4	20.33	20.21	20.40		
3	64QAM	8	7	20.58	20.51	20.30		
3	64QAM	15	0	20.56	20.53	20.32		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.49	22.43	22.25	23	0
1.4	QPSK	1	3	22.58	22.42	22.30		
1.4	QPSK	1	5	22.52	22.41	22.18		
1.4	QPSK	3	0	22.48	22.47	22.26		
1.4	QPSK	3	1	22.56	22.47	22.34		
1.4	QPSK	3	3	22.55	22.47	22.23		
1.4	QPSK	6	0	22.58	22.54	22.31	23	0
1.4	16QAM	1	0	22.52	22.41	22.18	23	0
1.4	16QAM	1	3	22.48	22.47	22.26		
1.4	16QAM	1	5	22.47	22.26	22.34		
1.4	16QAM	3	0	22.47	22.34	22.39		
1.4	16QAM	3	1	22.47	22.23	22.37		
1.4	16QAM	3	3	22.54	22.31	22.33		
1.4	16QAM	6	0	21.39	21.30	21.13	22	1
1.4	64QAM	1	0	21.34	21.26	21.11	22	1
1.4	64QAM	1	3	21.37	21.24	21.11		
1.4	64QAM	1	5	21.36	21.50	21.34		
1.4	64QAM	3	0	21.26	21.47	21.32		
1.4	64QAM	3	1	21.22	21.41	21.22		
1.4	64QAM	3	3	21.37	21.20	21.46		
1.4	64QAM	6	0	20.51	20.41	20.20	21	2

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		17.74		18	0
10	QPSK	1	25		17.56			
10	QPSK	1	49		17.58			
10	QPSK	25	0		17.58		18	0
10	QPSK	25	12		17.26			
10	QPSK	25	25		17.30			
10	QPSK	50	0		17.25			
10	16QAM	1	0		17.45		18	0
10	16QAM	1	25		17.57			
10	16QAM	1	49		17.46			
10	16QAM	25	0		17.13		18	0
10	16QAM	25	12		17.25			
10	16QAM	25	25		17.26			
10	16QAM	50	0		17.23			
10	64QAM	1	0		17.45		18	0
10	64QAM	1	25		17.51			
10	64QAM	1	49		17.58			
10	64QAM	25	0		17.17		18	0
10	64QAM	25	12		17.28			
10	64QAM	25	25		17.40			
10	64QAM	50	0		17.29			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	17.19	17.22	17.12	18	0
5	QPSK	1	12	17.36	17.15	17.18		
5	QPSK	1	24	17.15	17.11	17.21		
5	QPSK	12	0	17.33	17.29	17.35	18	0
5	QPSK	12	7	17.39	17.36	17.43		
5	QPSK	12	13	17.36	17.30	17.31		
5	QPSK	25	0	17.38	17.32	17.38		
5	16QAM	1	0	17.72	17.39	17.68	18	0
5	16QAM	1	12	17.57	17.50	17.28		
5	16QAM	1	24	17.73	17.40	17.46		
5	16QAM	12	0	17.37	17.26	17.30	18	0
5	16QAM	12	7	17.44	17.36	17.36		
5	16QAM	12	13	17.40	17.46	17.32		
5	16QAM	25	0	17.29	17.37	17.32		
5	64QAM	1	0	17.40	17.43	17.14	18	0
5	64QAM	1	12	17.45	17.40	17.26		
5	64QAM	1	24	17.39	17.12	17.11		
5	64QAM	12	0	17.41	17.32	17.25	18	0
5	64QAM	12	7	17.38	17.41	17.34		
5	64QAM	12	13	17.22	17.28	17.33		
5	64QAM	25	0	17.36	17.36	17.38		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	15.93	16.38	16.08	17	0
20	QPSK	1	49	16.33	16.32	16.02		
20	QPSK	1	99	16.00	15.96	16.24		
20	QPSK	50	0	15.84	15.96	15.85	17	0
20	QPSK	50	24	15.95	15.91	15.83		
20	QPSK	50	50	15.65	15.83	15.76		
20	QPSK	100	0	15.83	15.78	15.76		
20	16QAM	1	0	15.79	15.96	16.29	17	0
20	16QAM	1	49	16.05	16.19	16.09		
20	16QAM	1	99	15.82	16.00	15.92		
20	16QAM	50	0	15.82	15.92	15.82	17	0
20	16QAM	50	24	15.91	15.91	15.78		
20	16QAM	50	50	15.74	15.84	15.76		
20	16QAM	100	0	15.85	15.83	15.79		
20	64QAM	1	0	15.89	15.64	15.83	17	0
20	64QAM	1	49	15.82	16.00	15.58		
20	64QAM	1	99	15.89	15.64	15.61		
20	64QAM	50	0	15.81	15.93	15.82	17	0
20	64QAM	50	24	15.93	15.94	15.85		
20	64QAM	50	50	15.77	15.84	15.74		
20	64QAM	100	0	15.81	15.87	15.75		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	15.71	15.78	15.76	17	0
15	QPSK	1	37	15.75	15.81	15.79		
15	QPSK	1	74	15.69	15.68	15.56		
15	QPSK	36	0	15.74	15.94	15.82	17	0
15	QPSK	36	20	15.89	15.85	15.83		
15	QPSK	36	39	15.88	15.89	15.76		
15	QPSK	75	0	15.82	15.79	15.73		
15	16QAM	1	0	15.93	15.72	16.08	17	0
15	16QAM	1	37	16.00	15.87	16.02		
15	16QAM	1	74	15.61	15.96	16.00		
15	16QAM	36	0	15.88	15.88	15.85	17	0
15	16QAM	36	20	15.87	15.95	15.91		
15	16QAM	36	39	15.75	15.91	15.80		
15	16QAM	75	0	15.87	15.87	15.91		
15	64QAM	1	0	15.95	15.50	15.89	17	0
15	64QAM	1	37	15.85	15.45	15.75		
15	64QAM	1	74	15.93	15.75	15.95		
15	64QAM	36	0	15.77	15.92	15.77	17	0
15	64QAM	36	20	15.92	15.96	15.78		
15	64QAM	36	39	15.76	15.91	15.80		
15	64QAM	75	0	15.80	15.79	15.72		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	15.45	15.63	15.68	17	0
10	QPSK	1	25	15.47	15.60	15.66		
10	QPSK	1	49	15.44	15.57	15.68		
10	QPSK	25	0	15.50	15.59	15.65	17	0
10	QPSK	25	12	15.64	15.67	15.77		
10	QPSK	25	25	15.60	15.71	15.85		
10	QPSK	50	0	15.61	15.58	15.74		
10	16QAM	1	0	15.85	15.94	16.11	17	0
10	16QAM	1	25	15.85	15.97	16.01		
10	16QAM	1	49	15.73	16.02	16.09		
10	16QAM	25	0	15.50	15.61	15.63	17	0
10	16QAM	25	12	15.65	15.69	15.73		
10	16QAM	25	25	15.62	15.72	15.87		
10	16QAM	50	0	15.59	15.61	15.70		
10	64QAM	1	0	15.80	15.87	16.07	17	0
10	64QAM	1	25	15.79	15.92	15.83		
10	64QAM	1	49	15.64	16.12	15.98		
10	64QAM	25	0	15.51	15.58	15.64	17	0
10	64QAM	25	12	15.62	15.67	15.78		
10	64QAM	25	25	15.61	15.69	15.85		
10	64QAM	50	0	15.58	15.62	15.73		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	15.33	15.60	15.68	17	0
5	QPSK	1	12	15.46	15.59	15.73		
5	QPSK	1	24	15.38	15.61	15.75		
5	QPSK	12	0	15.48	15.60	15.67	17	0
5	QPSK	12	7	15.63	15.71	15.87		
5	QPSK	12	13	15.64	15.72	15.88		
5	QPSK	25	0	15.57	15.62	15.74		
5	16QAM	1	0	15.65	15.92	16.01	17	0
5	16QAM	1	12	15.94	15.93	16.03		
5	16QAM	1	24	15.77	16.07	16.12		
5	16QAM	12	0	15.46	15.62	15.66	17	0
5	16QAM	12	7	15.61	15.68	15.82		
5	16QAM	12	13	15.61	15.69	15.84		
5	16QAM	25	0	15.59	15.60	15.72		
5	64QAM	1	0	15.85	15.84	16.08	17	0
5	64QAM	1	12	15.98	15.91	15.95		
5	64QAM	1	24	15.66	16.08	16.00		
5	64QAM	12	0	15.49	15.59	15.66	17	0
5	64QAM	12	7	15.62	15.67	15.87		
5	64QAM	12	13	15.59	15.75	15.87		
5	64QAM	25	0	15.61	15.62	15.75		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	15.18	15.17	15.09	17	0
3	QPSK	1	8	15.25	15.35	15.19		
3	QPSK	1	14	15.17	15.28	15.12		
3	QPSK	8	0	15.28	15.26	15.22	17	0
3	QPSK	8	4	15.33	15.32	15.30		
3	QPSK	8	7	15.28	15.34	15.27		
3	QPSK	15	0	15.28	15.27	15.24		
3	16QAM	1	0	15.52	15.51	15.48	17	0
3	16QAM	1	8	15.64	15.74	15.61		
3	16QAM	1	14	15.56	15.67	15.53		
3	16QAM	8	0	15.34	15.36	15.29	17	0
3	16QAM	8	4	15.36	15.36	15.33		
3	16QAM	8	7	15.38	15.40	15.30		
3	16QAM	15	0	15.34	15.36	15.28		
3	64QAM	1	0	15.38	15.42	15.32	17	0
3	64QAM	1	8	15.52	15.57	15.45		
3	64QAM	1	14	15.44	15.54	15.38		
3	64QAM	8	0	15.29	15.34	15.29	17	0
3	64QAM	8	4	15.34	15.34	15.30		
3	64QAM	8	7	15.33	15.35	15.28		
3	64QAM	15	0	15.27	15.30	15.29		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	15.09	15.07	15.04	17	0
1.4	QPSK	1	3	15.19	15.22	15.16		
1.4	QPSK	1	5	15.11	15.20	15.10		
1.4	QPSK	3	0	15.14	15.10	15.08		
1.4	QPSK	3	1	15.18	15.25	15.14		
1.4	QPSK	3	3	15.13	15.19	15.12		
1.4	QPSK	6	0	15.23	15.24	15.15	17	0
1.4	16QAM	1	0	15.44	15.43	15.41	17	0
1.4	16QAM	1	3	15.54	15.58	15.53		
1.4	16QAM	1	5	15.52	15.54	15.45		
1.4	16QAM	3	0	15.25	15.25	15.22		
1.4	16QAM	3	1	15.29	15.36	15.24		
1.4	16QAM	3	3	15.24	15.29	15.21		
1.4	16QAM	6	0	15.31	15.31	15.30	17	0
1.4	64QAM	1	0	15.30	15.26	15.25	17	0
1.4	64QAM	1	3	15.33	15.43	15.32		
1.4	64QAM	1	5	15.32	15.38	15.29		
1.4	64QAM	3	0	15.27	15.26	15.23		
1.4	64QAM	3	1	15.35	15.42	15.25		
1.4	64QAM	3	3	15.23	15.30	15.20		
1.4	64QAM	6	0	15.23	15.22	15.18	17	0

UAT Full Power Mode

n2 (only SCS15KHz has 5M BW)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	23.15	23.30	23.21	24.0	0.0
20	PI/2 BPSK	1	53	23.12	23.18	23.17		
20	PI/2 BPSK	1	104	23.15	23.12	23.11		
20	PI/2 BPSK	50	0	22.76	22.80	22.83	23.5	0.0
20	PI/2 BPSK	50	28	23.10	23.25	23.21	24.0	
20	PI/2 BPSK	50	56	22.88	22.92	22.95	23.5	
20	PI/2 BPSK	100	0	22.61	22.74	22.71	23.5	0.5
20	QPSK	1	1	23.15	23.33	23.15	24.0	0.0
20	QPSK	1	53	23.17	23.23	23.21		
20	QPSK	1	104	23.15	23.27	23.25		
20	QPSK	50	0	22.14	22.20	22.08	23.5	0.0
20	QPSK	50	28	23.12	23.22	23.21	24.0	
20	QPSK	50	56	22.17	22.34	22.14	23.5	
20	QPSK	100	0	22.21	22.31	22.25	23.0	1.0
20	16QAM	1	1	22.15	22.25	22.17	23.0	1.0
20	64QAM	1	1	20.78	20.80	20.69	21.5	2.5
20	256QAM	1	1	18.88	18.92	18.95	19.5	4.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	23.21	23.32	23.25	24.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	23.19	23.12	23.14	24.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	23.19	23.21	23.18	24.0	0.0

n5 (only SCS15KHz has 5M BW)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	23.21	23.05	23.31	24.0	0.0
20	PI/2 BPSK	1	53	23.15	23.21	23.19		
20	PI/2 BPSK	1	104	23.05	23.07	23.01		
20	PI/2 BPSK	50	0	22.61	22.66	22.63	23.5	0.0
20	PI/2 BPSK	50	28	23.10	23.15	23.05	24.0	
20	PI/2 BPSK	50	56	22.63	22.65	22.61	23.5	
20	PI/2 BPSK	100	0	22.43	22.56	22.51	23.5	0.5
20	QPSK	1	1	23.12	23.33	23.04	24.0	0.0
20	QPSK	1	53	23.05	23.04	23.01		
20	QPSK	1	104	23.10	23.05	23.05		
20	QPSK	50	0	22.21	22.19	22.12	23.5	0.0
20	QPSK	50	28	23.05	23.18	23.15	24.0	
20	QPSK	50	56	22.03	21.98	22.01	23.5	
20	QPSK	100	0	22.12	22.09	22.13	23.0	1.0
20	16QAM	1	1	22.25	22.34	22.31	23.0	1.0
20	64QAM	1	1	20.58	20.60	20.49	21.5	2.5
20	256QAM	1	1	18.61	18.67	18.72	19.5	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	23.21	23.21	23.19	24.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	23.14	23.15	23.14	24.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	23.05	23.09	23.12	24.0	0.0

n25

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	PI/2 BPSK	1	1	23.01	23.05	23.12	24.0	0.0
20	PI/2 BPSK	1	53	23.11	23.14	23.21		
20	PI/2 BPSK	1	104	23.05	23.12	23.25		
20	PI/2 BPSK	50	0	22.71	22.80	22.93	23.5	0.0
20	PI/2 BPSK	50	28	23.28	23.24	23.22	24.0	
20	PI/2 BPSK	50	56	22.69	22.70	22.75	23.5	
20	PI/2 BPSK	100	0	22.63	22.72	22.63	23.5	0.5
20	QPSK	1	1	23.17	23.36	23.09	24.0	0.0
20	QPSK	1	53	23.21	23.20	23.12		
20	QPSK	1	104	23.00	23.16	23.08		
20	QPSK	50	0	22.14	22.28	22.15	23.5	0.0
20	QPSK	50	28	23.17	23.18	23.13	24.0	
20	QPSK	50	56	22.16	22.21	22.14	23.5	
20	QPSK	100	0	22.14	22.21	22.16	23.0	1.0
20	16QAM	1	1	22.35	22.47	22.23	23.0	1.0
20	64QAM	1	1	20.56	20.60	22.51	21.5	2.5
20	256QAM	1	1	18.66	18.71	18.63	19.5	4.5
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	23.01	23.21	23.14	24.0	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	23.09	23.25	23.15	24.0	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	23.12	23.11	23.07	24.0	0.0

n66 (only SCS15KHz has 5M BW)								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	PI/2 BPSK	1	1	23.21	23.19	23.18	24.0	0.0
20	PI/2 BPSK	1	53	23.14	23.04	23.09		
20	PI/2 BPSK	1	104	23.25	23.23	23.31		
20	PI/2 BPSK	50	0	22.75	22.72	22.82	23.5	0.0
20	PI/2 BPSK	50	28	23.15	23.21	23.09	24.0	
20	PI/2 BPSK	50	56	22.89	22.95	22.77	23.5	
20	PI/2 BPSK	100	0	22.68	22.70	22.52	23.5	0.5
20	QPSK	1	1	23.18	23.36	23.14	24.0	0.0
20	QPSK	1	53	23.11	23.07	23.01		
20	QPSK	1	104	23.31	23.31	23.21		
20	QPSK	50	0	22.14	22.16	22.13	23.5	0.0
20	QPSK	50	28	23.07	23.10	22.97	24.0	
20	QPSK	50	56	22.15	22.12	22.10	23.5	
20	QPSK	100	0	22.15	22.17	22.15	23.0	1.0
20	16QAM	1	1	22.09	22.05	22.01	23.0	1.0
20	64QAM	1	1	20.83	20.72	20.69	21.5	2.5
20	256QAM	1	1	18.81	18.78	18.83	19.5	4.5
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	23.18	23.24	23.14	24.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.12	23.21	23.21	24.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	23.08	23.18	23.05	24.0	0.0

n71 (only SCS15KHz has 5M BW)								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				134600	136100	137600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				673	680.5	688		
20	PI/2 BPSK	1	1	23.02	23.08	23.12	24.0	0.0
20	PI/2 BPSK	1	53	23.07	23.03	23.05		
20	PI/2 BPSK	1	104	22.85	22.97	22.88		
20	PI/2 BPSK	50	0	22.58	22.61	22.52	23.5	0.0
20	PI/2 BPSK	50	28	23.03	23.04	23.12	24.0	
20	PI/2 BPSK	50	56	22.61	22.60	22.53	23.5	
20	PI/2 BPSK	100	0	22.52	22.58	22.47	23.5	0.5
20	QPSK	1	1	23.01	23.13	22.83	24.0	0.0
20	QPSK	1	53	22.79	22.87	22.71		
20	QPSK	1	104	22.67	22.86	22.65		
20	QPSK	50	0	22.01	22.07	22.01	23.5	0.0
20	QPSK	50	28	22.69	22.80	22.72	24.0	
20	QPSK	50	56	21.85	21.97	21.88	23.5	
20	QPSK	100	0	21.72	21.78	21.63	23.0	1.0
20	16QAM	1	1	21.63	21.72	21.61	23.0	1.0
20	64QAM	1	1	20.78	20.84	20.71	21.5	2.5
20	256QAM	1	1	18.65	18.62	18.63	19.5	4.5
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	23.06	23.07	23.11	24.0	0.0
Channel				133600	136100	138600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	23.04	23.01	23.05	24.0	0.0
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	1	22.91	22.96	22.88	24.0	0.0

LAT Full Power Mode

n2 (only SCS15KHz has 5M BW)								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	22.61	22.50	22.53	24.0	0.0
20	PI/2 BPSK	1	53	23.00	22.97	22.85		
20	PI/2 BPSK	1	104	22.61	22.59	22.47		
20	PI/2 BPSK	50	0	22.28	22.34	22.18	23.5	0.0
20	PI/2 BPSK	50	28	22.61	22.59	22.45	24.0	
20	PI/2 BPSK	50	56	22.41	22.34	22.36	23.5	
20	PI/2 BPSK	100	0	22.31	22.24	22.19	23.5	0.5
20	QPSK	1	1	22.58	22.67	22.77	24.0	0.0
20	QPSK	1	53	22.79	23.05	22.83		
20	QPSK	1	104	22.51	22.63	22.41		
20	QPSK	50	0	21.61	21.77	21.59	23.5	0.0
20	QPSK	50	28	22..42	22.57	22.39	24.0	
20	QPSK	50	56	21.75	21.84	21.69	23.5	
20	QPSK	100	0	21.63	21.76	21.52	23.0	1.0
20	16QAM	1	1	21.81	21.78	21.73	23.0	1.0
20	64QAM	1	1	20.43	20.46	20.31	21.5	2.5
20	256QAM	1	1	18.62	18.56	18.47	19.5	4.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	22.90	22.85	22.72	24.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	22.83	22.78	22.67	24.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	22.72	22.53	22.61	24.0	0.0

n5 (only SCS15KHz has 5M BW)								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	23.78	23.85	23.68	24.0	0.0
20	PI/2 BPSK	1	53	23.88	23.95	23.84		
20	PI/2 BPSK	1	104	23.65	23.62	23.63		
20	PI/2 BPSK	50	0	23.42	23.45	23.28	23.5	0.0
20	PI/2 BPSK	50	28	23.71	23.87	23.78	24.0	
20	PI/2 BPSK	50	56	23.15	23.37	23.25	23.5	
20	PI/2 BPSK	100	0	23.24	23.34	23.41	23.5	0.5
20	QPSK	1	1	23.61	23.96	23.76	24.0	0.0
20	QPSK	1	53	23.79	23.87	23.85		
20	QPSK	1	104	23.66	23.75	23.67		
20	QPSK	50	0	22.81	22.91	22.83	23.5	0.0
20	QPSK	50	28	23.75	23.81	23.69	24.0	
20	QPSK	50	56	22.75	22.85	22.86	23.5	
20	QPSK	100	0	22.83	22.91	22.72	23.0	1.0
20	16QAM	1	1	23.05	23.12	23.04	23.0	1.0
20	64QAM	1	1	21.13	21.23	21.36	21.5	2.5
20	256QAM	1	1	19.25	19.30	19.42	19.5	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	23.82	23.78	23.79	24.0	0.0
Channel				166800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	23.63	23.85	23.84	24.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	23.61	23.77	23.73	24.0	0.0

n66 (only SCS15KHz has 5M BW)								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	PI/2 BPSK	1	1	22.91	22.97	22.87	24.0	0.0
20	PI/2 BPSK	1	53	22.73	22.87	22.72		
20	PI/2 BPSK	1	104	22.88	22.85	22.83		
20	PI/2 BPSK	50	0	22.65	22.61	22.56	23.5	0.0
20	PI/2 BPSK	50	28	22.72	22.83	22.81	24.0	
20	PI/2 BPSK	50	56	22.52	22.54	22.63	23.5	
20	PI/2 BPSK	100	0	22.47	22.54	22.51	23.5	0.5
20	QPSK	1	1	22.93	23.08	22.89	24.0	0.0
20	QPSK	1	53	22.98	23.07	23.01		
20	QPSK	1	104	22.76	22.97	22.88		
20	QPSK	50	0	22.05	22.13	22.15	23.5	0.0
20	QPSK	50	28	22.78	22.90	22.87	24.0	
20	QPSK	50	56	22.12	22.08	22.03	23.5	
20	QPSK	100	0	22.21	22.29	22.14	23.0	1.0
20	16QAM	1	1	22.28	22.41	22.37	23.0	1.0
20	64QAM	1	1	20.49	20.64	20.52	21.5	2.5
20	256QAM	1	1	18.52	18.75	18.69	19.5	4.5
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	22.79	22.88	23.03	24.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	22.85	22.97	22.93	24.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	22.81	23.03	22.85	24.0	0.0

n41 for FCC								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	22.49	23.40	23.77	24.0	0.0
100	PI/2 BPSK	1	137	23.43	23.57	23.45		
100	PI/2 BPSK	1	271	23.59	23.66	23.65		
100	PI/2 BPSK	135	0	22.16	22.58	23.53	23.5	0.0
100	PI/2 BPSK	135	69	23.31	23.42	23.62	24.0	
100	PI/2 BPSK	135	138	22.39	22.55	22.72	23.5	
100	PI/2 BPSK	270	0	22.64	22.67	23.75	23.5	0.5
100	QPSK	1	1	23.72	23.94	23.80	24.0	0.0
100	QPSK	1	137	23.84	23.90	23.46		
100	QPSK	1	271	23.58	23.56	23.67		
100	QPSK	135	0	22.51	22.53	22.46	23.5	0.0
100	QPSK	135	69	23.59	23.93	23.75	24.0	
100	QPSK	135	138	22.50	22.65	22.72	23.5	
100	QPSK	270	0	22.17	22.48	22.12	23.0	1.0
100	16QAM	1	1	22.59	22.14	22.78	23.0	1.0
100	64QAM	1	1	20.25	19.93	20.46	21.5	2.5
100	256QAM	1	1	19.15	18.90	19.36	19.5	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	23.58	23.49	23.91	24.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	23.65	23.43	23.80	24.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	23.56	23.34	23.75	24.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	23.47	23.29	23.67	24.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	23.31	23.25	22.95	24.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	22.87	22.94	22.90	24.0	0.0

n41 for FCC HPUE								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	26.22	26.12	26.11	27.0	0.0
100	PI/2 BPSK	1	137	26.08	26.25	26.05		
100	PI/2 BPSK	1	271	25.95	26.20	26.09		
100	PI/2 BPSK	135	0	25.49	25.83	25.62	26.5	0.0
100	PI/2 BPSK	135	69	26.18	26.22	26.20	27.0	
100	PI/2 BPSK	135	138	25.39	25.63	25.63	26.5	
100	PI/2 BPSK	270	0	25.60	25.62	25.55	26.5	0.5
100	QPSK	1	1	26.27	26.22	26.25	27.0	0.0
100	QPSK	1	137	26.47	26.59	26.38		
100	QPSK	1	271	26.58	26.50	26.13		
100	QPSK	135	0	26.17	26.11	26.11	26.5	0.0
100	QPSK	135	69	26.30	26.47	26.43	27.0	
100	QPSK	135	138	26.02	26.34	26.39	26.5	
100	QPSK	270	0	25.06	25.15	25.10	26.0	1.0
100	16QAM	1	1	25.49	25.55	24.78	26.0	1.0
100	64QAM	1	1	22.77	23.73	23.15	24.5	2.5
100	256QAM	1	1	21.44	22.02	21.75	22.5	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	137	26.42	26.41	26.42	27.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	137	26.43	26.33	26.48	27.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	137	26.30	26.25	26.41	27.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	137	26.22	26.19	26.48	27.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	137	26.21	26.29	26.42	27.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	137	26.26	26.38	26.40	27.0	0.0

For LAT

n2 Sensor on

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	PI/2 BPSK	1	1	15.64	15.70	15.67	16.5	0.0
20	PI/2 BPSK	1	53	15.51	15.68	15.88		
20	PI/2 BPSK	1	104	15.44	15.49	15.35		
20	PI/2 BPSK	50	0	15.50	15.59	15.55	16.5	0.0
20	PI/2 BPSK	50	28	15.57	15.56	15.46		
20	PI/2 BPSK	50	56	15.48	15.52	15.49		
20	PI/2 BPSK	100	0	15.56	15.56	15.49	16.5	0.0
20	QPSK	1	1	15.61	15.74	15.60	16.5	0.0
20	QPSK	1	53	15.64	15.91	15.57		
20	QPSK	1	104	15.53	15.46	15.30		
20	QPSK	50	0	15.50	15.61	15.47	16.5	0.0
20	QPSK	50	28	15.52	15.85	15.37		
20	QPSK	50	56	15.42	15.49	15.43		
20	QPSK	100	0	15.55	15.56	15.39	16.5	0.0
20	16QAM	1	1	15.52	15.64	15.32	16.5	0.0
20	64QAM	1	1	15.27	15.55	15.66	16.5	0.0
20	256QAM	1	1	15.68	15.73	15.80	16.5	0.0
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	53	15.53	15.60	15.62	16.5	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	53	15.50	15.56	15.63	16.5	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	53	15.43	15.49	15.47	16.5	0.0

n2 Hotspot on

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	PI/2 BPSK	1	1	13.39	13.75	13.74	14.5	0.0
20	PI/2 BPSK	1	53	13.45	13.41	13.64		
20	PI/2 BPSK	1	104	13.42	13.49	13.45		
20	PI/2 BPSK	50	0	13.56	13.55	13.47	14.5	0.0
20	PI/2 BPSK	50	28	13.56	13.54	13.51		
20	PI/2 BPSK	50	56	13.54	13.55	13.41		
20	PI/2 BPSK	100	0	13.63	13.58	13.59	14.5	0.0
20	QPSK	1	1	13.54	13.54	13.67	14.5	0.0
20	QPSK	1	53	13.56	13.88	13.52		
20	QPSK	1	104	13.54	13.51	13.49		
20	QPSK	50	0	13.36	13.55	13.62	14.5	0.0
20	QPSK	50	28	13.41	13.85	13.54		
20	QPSK	50	56	13.55	13.61	13.41		
20	QPSK	100	0	13.41	13.44	13.35	14.5	0.0
20	16QAM	1	1	13.42	13.45	13.36	14.5	0.0
20	64QAM	1	1	13.45	13.56	13.54	14.5	0.0
20	256QAM	1	1	13.35	13.41	13.44	14.5	0.0
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	53	13.45	13.54	13.55	14.5	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	53	13.51	13.56	13.41	14.5	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	53	13.55	13.55	13.36	14.5	0.0

n2 Handheld on

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	PI/2 BPSK	1	1	18.61	18.73	18.70	19.5	0.0
20	PI/2 BPSK	1	53	18.71	18.48	19.00		
20	PI/2 BPSK	1	104	18.30	18.63	18.26		
20	PI/2 BPSK	50	0	18.46	18.63	18.60	19.5	0.0
20	PI/2 BPSK	50	28	18.47	18.66	18.35		
20	PI/2 BPSK	50	56	18.45	18.55	18.50		
20	PI/2 BPSK	100	0	18.49	18.63	18.42	19.5	0.0
20	QPSK	1	1	18.62	18.58	18.59	19.5	0.0
20	QPSK	1	53	18.75	19.03	18.77		
20	QPSK	1	104	18.37	18.62	18.56		
20	QPSK	50	0	18.36	18.75	18.44	19.5	0.0
20	QPSK	50	28	18.66	19.01	18.65		
20	QPSK	50	56	18.36	18.55	18.44		
20	QPSK	100	0	18.38	18.73	18.35	19.5	0.0
20	16QAM	1	1	18.56	18.45	18.45	19..5	0.0
20	64QAM	1	1	18.40	18.50	18.69	19.5	0.0
20	256QAM	1	1	18.45	18.41	18.35	19.5	0.0
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	53	18.45	18.55	18.54	19.5	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	53	18.30	18.55	18.65	19.5	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	53	18.40	18.45	18.41	19.5	0.0

n5 Sensor on&Hotspot on								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	22.43	22.36	22.35	22.5	0.0
20	PI/2 BPSK	1	53	22.43	22.44	22.45		
20	PI/2 BPSK	1	104	22.36	22.30	22.30		
20	PI/2 BPSK	50	0	22.37	22.33	22.38	22.5	0.0
20	PI/2 BPSK	50	28	22.43	22.35	22.42		
20	PI/2 BPSK	50	56	22.22	22.23	22.20		
20	PI/2 BPSK	100	0	22.34	22.29	22.32	22.5	0.0
20	QPSK	1	1	22.43	22.48	22.45	22.5	0.0
20	QPSK	1	53	22.36	22.47	22.43		
20	QPSK	1	104	22.33	22.30	22.35		
20	QPSK	50	0	22.37	22.32	22.37	22.5	0.0
20	QPSK	50	28	22.36	22.38	22.37		
20	QPSK	50	56	22.35	22.27	22.12		
20	QPSK	100	0	22.34	22.39	21.94	22.5	0.0
20	16QAM	1	1	22.47	22.46	21.95	22.5	0.0
20	64QAM	1	1	21.38	21.28	21.30	21.5	1.0
20	256QAM	1	1	19.06	19.15	19.14	19.5	3.0
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	22.28	22.31	22.21	22.5	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	22.14	22.22	22.27	22.5	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	22.09	22.11	22.13	22.5	0.0

n66 Sensor on								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	PI/2 BPSK	1	1	17.80	17.83	17.90	19.0	0.0
20	PI/2 BPSK	1	53	17.56	17.79	17.78		
20	PI/2 BPSK	1	104	17.44	17.81	17.87		
20	PI/2 BPSK	50	0	17.80	17.83	17.87	19.0	0.0
20	PI/2 BPSK	50	28	17.47	17.78	17.86		
20	PI/2 BPSK	50	56	17.71	17.76	17.75		
20	PI/2 BPSK	100	0	17.52	17.73	17.78	19.0	0.0
20	QPSK	1	1	17.88	17.94	17.86	19.0	0.0
20	QPSK	1	53	17.50	17.81	17.94		
20	QPSK	1	104	17.28	17.83	17.86		
20	QPSK	50	0	17.41	17.77	17.76	19.0	0.0
20	QPSK	50	28	17.25	17.72	17.74		
20	QPSK	50	56	17.55	17.66	17.74		
20	QPSK	100	0	17.19	17.69	17.67	19.0	0.0
20	16QAM	1	1	17.60	17.93	17.94	19.0	0.0
20	64QAM	1	1	17.87	17.68	17.78	19.0	0.0
20	256QAM	1	1	17.91	17.93	17.89	19.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	17.83	17.89	17.82	19.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	17.74	17.78	17.71	19.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	17.79	17.82	17.73	19.0	0.0

n66 Hotspot on								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	PI/2 BPSK	1	1	16.24	16.30	16.34	17.5	0.0
20	PI/2 BPSK	1	53	16.09	16.26	16.21		
20	PI/2 BPSK	1	104	16.09	16.14	16.22		
20	PI/2 BPSK	50	0	16.41	16.30	16.48	17.5	0.0
20	PI/2 BPSK	50	28	16.18	16.17	16.57		
20	PI/2 BPSK	50	56	16.37	16.41	16.41		
20	PI/2 BPSK	100	0	16.22	16.22	16.48	17.5	0.0
20	QPSK	1	1	16.60	16.68	16.58	17.5	0.0
20	QPSK	1	53	16.15	16.20	16.29		
20	QPSK	1	104	16.05	15.98	16.13		
20	QPSK	50	0	16.33	16.38	16.35	17.5	0.0
20	QPSK	50	28	15.94	15.95	16.03		
20	QPSK	50	56	16.18	16.25	16.37		
20	QPSK	100	0	15.88	16.20	15.89	17.5	0.0
20	16QAM	1	1	16.18	16.30	16.32	17.5	0.0
20	64QAM	1	1	16.10	16.12	16.11	17.5	0.0
20	256QAM	1	1	16.13	16.21	16.23	17.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	16.11	16.32	16.17	17.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	16.15	16.21	16.26	17.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	16.25	16.26	16.12	17.5	0.0

n66 Handheld on								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	PI/2 BPSK	1	1	19.80	19.87	19.77	20.5	0.0
20	PI/2 BPSK	1	53	19.56	19.55	19.76		
20	PI/2 BPSK	1	104	19.44	19.50	19.30		
20	PI/2 BPSK	50	0	19.80	19.84	19.76	20.5	0.0
20	PI/2 BPSK	50	28	19.47	19.55	19.37		
20	PI/2 BPSK	50	56	19.71	19.70	19.68		
20	PI/2 BPSK	100	0	19.52	19.57	19.45	20.5	0.0
20	QPSK	1	1	19.88	19.89	19.89	20.5	0.0
20	QPSK	1	53	19.50	19.63	19.38		
20	QPSK	1	104	19.28	19.31	19.12		
20	QPSK	50	0	19.41	19.64	19.27	20.5	0.0
20	QPSK	50	28	19.25	19.27	19.09		
20	QPSK	50	56	19.55	19.63	19.49		
20	QPSK	100	0	19.19	19.20	19.02	20.5	0.0
20	16QAM	1	1	19.62	19.63	19.50	20.5	0.0
20	64QAM	1	1	19.70	19.64	19.61	20.5	0.0
20	256QAM	1	1	19.23	19.25	19.45	19.5	1.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	19.74	19.81	19.79	20.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	19.77	19.73	19.72	20.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	19.65	19.68	19.63	20.5	0.0

n41&n41 HPUE for FCC Sensor on

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	17.13	17.16	17.19	18.0	0.0
100	PI/2 BPSK	1	137	17.42	17.22	17.34		
100	PI/2 BPSK	1	271	17.24	17.38	17.29		
100	PI/2 BPSK	135	0	17.35	17.39	17.44	18.0	0.0
100	PI/2 BPSK	135	69	17.21	17.31	17.20		
100	PI/2 BPSK	135	138	17.42	17.45	17.46		
100	PI/2 BPSK	270	0	17.22	17.29	17.22	18.0	0.0
100	QPSK	1	1	17.35	17.58	17.33	18.0	0.0
100	QPSK	1	137	17.22	17.34	17.27		
100	QPSK	1	271	17.41	17.57	17.34		
100	QPSK	135	0	17.03	17.36	17.14	18.0	0.0
100	QPSK	135	69	17.09	17.25	17.10		
100	QPSK	135	138	17.28	17.34	17.35		
100	QPSK	270	0	17.03	17.20	17.04	18.0	0.0
100	16QAM	1	1	17.45	17.55	17.34	18.0	0.0
100	64QAM	1	1	17.21	17.29	17.23	18.0	0.0
100	256QAM	1	1	17.25	17.45	17.34	18.0	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	17.10	17.17	17.12	18.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	17.20	17.25	17.23	18.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	17.11	17.14	17.15	18.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	17.20	17.29	17.23	18.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	17.53	17.66	17.65	18.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	17.29	17.39	17.31	18.0	0.0

n41&n41 HPUE for FCC Hotspot on

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	15.30	15.46	15.39	16.0	0.0
100	PI/2 BPSK	1	137	15.32	15.45	15.54		
100	PI/2 BPSK	1	271	15.40	15.45	15.49		
100	PI/2 BPSK	135	0	15.51	15.58	15.64	16.0	0.0
100	PI/2 BPSK	135	69	15.31	15.63	15.40		
100	PI/2 BPSK	135	138	15.59	15.31	15.66		
100	PI/2 BPSK	270	0	15.35	15.43	15.42	16.0	0.0
100	QPSK	1	1	15.56	15.68	15.53	16.0	0.0
100	QPSK	1	137	15.40	15.60	15.47		
100	QPSK	1	271	15.55	15.64	15.54		
100	QPSK	135	0	15.19	15.66	15.34	16.0	0.0
100	QPSK	135	69	15.23	15.29	15.30		
100	QPSK	135	138	15.42	15.64	15.55		
100	QPSK	270	0	15.19	15.43	15.24	16.0	0.0
100	16QAM	1	1	15.59	15.42	15.54	16.0	0.0
100	64QAM	1	1	15.32	15.38	15.26	16.0	0.0
100	256QAM	1	1	15.29	15.26	15.21	16.0	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	15.21	15.17	15.10	16.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	15.19	15.31	15.25	16.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	15.10	15.21	15.23	16.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	15.25	15.34	15.26	16.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	15.51	15.60	15.58	16.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	15.20	15.32	15.30	16.0	0.0

n41&n41 HPUE for FCC Handheld on

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	19.55	19.65	19.70	20.5	0.0
100	PI/2 BPSK	1	137	19.64	19.74	19.75		
100	PI/2 BPSK	1	271	19.68	19.63	19.81		
100	PI/2 BPSK	135	0	19.87	19.81	19.91	20.5	0.0
100	PI/2 BPSK	135	69	19.54	19.94	19.59		
100	PI/2 BPSK	135	138	19.78	19.56	19.91		
100	PI/2 BPSK	270	0	19.56	19.75	19.60	20.5	0.0
100	QPSK	1	1	19.75	19.99	19.75	20.5	0.0
100	QPSK	1	137	19.69	19.96	19.61		
100	QPSK	1	271	19.73	19.97	19.71		
100	QPSK	135	0	19.42	19.88	19.65	20.5	0.0
100	QPSK	135	69	19.54	19.58	19.51		
100	QPSK	135	138	19.67	19.82	19.87		
100	QPSK	270	0	19.51	19.66	19.51	20.5	0.0
100	16QAM	1	1	19.57	19.63	19.73	20.5	0.0
100	64QAM	1	1	19.67	19.66	19.48	20.5	0.0
100	256QAM	1	1	18.64	18.42	18.35	19.5	1.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	19.60	19.51	19.72	20.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	19.63	19.62	19.54	20.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	19.71	19.73	19.69	20.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	19.75	19.71	19.63	20.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	19.67	19.69	19.79	20.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	19.72	19.64	19.71	20.5	0.0

For UAT

n2 Receiver on

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	13.68	13.77	13.62	14.0	0.0
20	PI/2 BPSK	1	53	13.72	13.78	1.81		
20	PI/2 BPSK	1	104	13.58	13.76	13.46		
20	PI/2 BPSK	50	0	13.62	13.76	13.56	14.0	0.0
20	PI/2 BPSK	50	28	13.55	13.81	13.53		
20	PI/2 BPSK	50	56	13.52	13.85	13.52		
20	PI/2 BPSK	100	0	13.55	13.74	13.55	14.0	0.0
20	QPSK	1	1	13.63	13.86	13.73	14.0	0.0
20	QPSK	1	53	13.73	13.81	13.63		
20	QPSK	1	104	13.47	13.80	13.45		
20	QPSK	50	0	13.65	13.78	13.47	14.0	0.0
20	QPSK	50	28	13.58	13.82	13.48		
20	QPSK	50	56	13.56	13.81	13.50		
20	QPSK	100	0	13.58	13.79	13.47	14.0	0.0
20	16QAM	1	1	13.73	13.81	13.38	14.0	0.0
20	64QAM	1	1	13.68	13.76	13.58	14.0	0.0
20	256QAM	1	1	13.69	13.85	13.76	14.0	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	13.83	13.81	13.75	14.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	13.76	13.62	13.65	14.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	13.74	13.68	13.59	14.0	0.0

n2 Sensor on

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	17.14	17.38	17.24	17.5	0.0
20	PI/2 BPSK	1	53	17.33	17.42	17.33		
20	PI/2 BPSK	1	104	17.09	17.28	17.19		
20	PI/2 BPSK	50	0	17.09	17.28	17.04	17.5	0.0
20	PI/2 BPSK	50	28	17.12	17.31	17.11		
20	PI/2 BPSK	50	56	17.04	17.23	17.21		
20	PI/2 BPSK	100	0	17.11	17.09	17.24	17.5	0.0
20	QPSK	1	1	17.21	17.40	17.10	17.5	0.0
20	QPSK	1	53	17.22	17.43	17.10		
20	QPSK	1	104	17.14	17.29	17.13		
20	QPSK	50	0	17.15	17.28	17.05	17.5	0.0
20	QPSK	50	28	17.31	17.39	17.23		
20	QPSK	50	56	17.34	17.24	17.15		
20	QPSK	100	0	17.13	17.32	17.23	17.5	0.0
20	16QAM	1	1	17.19	17.35	17.09	17.5	0.0
20	64QAM	1	1	17.13	17.21	17.06	17.5	0.0
20	256QAM	1	1	17.24	17.39	17.30	17.5	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	53	17.28	17.23	17.26	17.5	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	53	17.25	17.30	17.31	17.5	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	53	17.07	17.21	17.13	17.5	0.0

n2 Hotspot on

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	14.59	14.73	14.56	15.0	0.0
20	PI/2 BPSK	1	53	14.72	14.62	14.83		
20	PI/2 BPSK	1	104	14.52	14.69	14.41		
20	PI/2 BPSK	50	0	14.54	14.77	14.50	15.0	0.0
20	PI/2 BPSK	50	28	14.61	14.64	14.42		
20	PI/2 BPSK	50	56	14.63	14.61	14.47		
20	PI/2 BPSK	100	0	14.70	14.52	14.49	15.0	0.0
20	QPSK	1	1	14.72	14.87	14.62	15.0	0.0
20	QPSK	1	53	14.84	14.67	14.58		
20	QPSK	1	104	14.62	14.55	14.39		
20	QPSK	50	0	14.74	14.53	14.36	15.0	0.0
20	QPSK	50	28	14.69	14.76	14.43		
20	QPSK	50	56	14.71	14.50	14.44		
20	QPSK	100	0	14.67	14.72	14.36	15.0	0.0
20	16QAM	1	1	14.86	14.62	14.33	15.0	0.0
20	64QAM	1	1	14.52	14.71	14.52	15.0	0.0
20	256QAM	1	1	14.69	14.68	14.67	15.0	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	14.57	14.68	14.52	15.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	14.57	14.56	14.65	15.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	14.61	14.52	14.62	15.0	0.0

n2 Handheld on

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	21.05	21.02	20.96	21.5	0.0
20	PI/2 BPSK	1	53	21.21	21.18	21.20		
20	PI/2 BPSK	1	104	20.95	20.97	20.80		
20	PI/2 BPSK	50	0	20.80	20.97	20.90	21.5	0.0
20	PI/2 BPSK	50	28	20.90	21.00	20.87		
20	PI/2 BPSK	50	56	20.87	20.92	20.86		
20	PI/2 BPSK	100	0	20.92	20.99	20.89	21.5	0.0
20	QPSK	1	1	20.79	21.23	21.07	21.5	0.0
20	QPSK	1	53	20.81	21.07	20.97		
20	QPSK	1	104	20.82	20.97	20.84		
20	QPSK	50	0	20.84	20.84	21.02	21.5	0.0
20	QPSK	50	28	20.95	21.02	20.95		
20	QPSK	50	56	20.93	20.93	20.93		
20	QPSK	100	0	20.95	21.01	20.81	21.5	0.0
20	16QAM	1	1	21.12	21.07	20.72	21.5	0.0
20	64QAM	1	1	21.05	21.04	21.02	21.5	0.0
20	256QAM	1	1	18.60	18.70	18.61	19.5	2.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	20.90	21.12	20.10	21.5	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	19.89	19.99	20.01	21.5	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	19.99	19.98	19.89	21.5	0.0

n5 Receiver on

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	20.49	20.56	20.57	21.0	0.0
20	PI/2 BPSK	1	53	20.7	20.69	20.63		
20	PI/2 BPSK	1	104	20.4	20.46	20.46		
20	PI/2 BPSK	50	0	20.48	20.52	20.47	21.0	0.0
20	PI/2 BPSK	50	28	20.42	20.5	20.43		
20	PI/2 BPSK	50	56	20.43	20.42	20.45		
20	PI/2 BPSK	100	0	20.46	20.51	20.48	21.0	0.0
20	QPSK	1	1	20.56	20.85	20.62	21.0	0.0
20	QPSK	1	53	20.57	20.7	20.54		
20	QPSK	1	104	20.42	20.45	20.4		
20	QPSK	50	0	20.50	20.54	20.50	21.0	0.0
20	QPSK	50	28	20.48	20.5	20.47		
20	QPSK	50	56	20.40	20.48	20.42		
20	QPSK	100	0	20.48	20.49	20.38	21.0	0.0
20	16QAM	1	1	20.7	20.71	20.68	21.0	0.0
20	64QAM	1	1	20.63	20.73	20.65	21.0	0.0
20	256QAM	1	1	19.17	19.13	19.37	19.5	1.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	20.43	20.47	20.55	21.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	20.44	20.55	20.53	21.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	20.1	20.8	19.87	21.0	0.0

n5 Sensor on&Hotspot on

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	22.77	22.87	22.74	23.5	0.0
20	PI/2 BPSK	1	53	22.82	22.89	23.02		
20	PI/2 BPSK	1	104	22.61	22.66	22.47		
20	PI/2 BPSK	50	0	22.63	22.72	22.59	23.5	0.0
20	PI/2 BPSK	50	28	22.71	22.70	22.61		
20	PI/2 BPSK	50	56	22.58	22.62	22.55		
20	PI/2 BPSK	100	0	22.78	22.78	22.71	23.5	0.0
20	QPSK	1	1	23.02	23.03	23.03	23.5	0.0
20	QPSK	1	53	22.84	22.89	22.72		
20	QPSK	1	104	22.73	22.66	22.57		
20	QPSK	50	0	22.21	22.31	22.07	23.5	0.0
20	QPSK	50	28	22.56	22.75	22.60		
20	QPSK	50	56	22.14	22.21	22.08		
20	QPSK	100	0	22.19	22.20	22.02	23.0	1.0
20	16QAM	1	1	22.05	22.17	21.93	23.0	1.0
20	64QAM	1	1	20.86	20.94	20.97	21.5	2.5
20	256QAM	1	1	18.62	18.67	18.73	19.5	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	23.02	23.17	23.12	23.5	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	23.1	23.06	23.03	23.5	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	22.95	22.94	22.91	23.5	0.0

n25 Receiver on

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	PI/2 BPSK	1	1	13.40	13.30	13.27	14.0	0.0
20	PI/2 BPSK	1	53	13.26	13.39	13.29		
20	PI/2 BPSK	1	104	13.30	13.25	13.11		
20	PI/2 BPSK	50	0	13.34	13.25	13.21	14.0	0.0
20	PI/2 BPSK	50	28	13.27	13.28	13.18		
20	PI/2 BPSK	50	56	13.24	13.20	13.17		
20	PI/2 BPSK	100	0	13.27	13.27	13.20	14.0	0.0
20	QPSK	1	1	13.35	13.47	13.38	14.0	0.0
20	QPSK	1	53	13.45	13.40	13.28		
20	QPSK	1	104	13.19	13.26	13.10		
20	QPSK	50	0	13.37	13.38	13.12	14.0	0.0
20	QPSK	50	28	13.30	13.29	13.13		
20	QPSK	50	56	13.28	13.21	13.15		
20	QPSK	100	0	13.23	13.29	13.12	14.0	0.0
20	16QAM	1	1	13.47	13.35	13.03	14.0	0.0
20	64QAM	1	1	13.40	13.12	13.23	14.0	0.0
20	256QAM	1	1	13.41	13.36	13.43	14.0	0.0
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	13.25	13.3	13.22	14.0	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	13.27	13.32	13.36	14.0	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	13.22	13.31	13.38	14.0	0.0

n25 Sensor on

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	PI/2 BPSK	1	1	16.73	16.95	16.73	17.5	0.0
20	PI/2 BPSK	1	53	16.92	16.90	16.82		
20	PI/2 BPSK	1	104	16.68	16.85	16.68		
20	PI/2 BPSK	50	0	16.68	16.85	16.68	17.5	0.0
20	PI/2 BPSK	50	28	16.71	16.88	16.71		
20	PI/2 BPSK	50	56	16.63	16.80	16.63		
20	PI/2 BPSK	100	0	16.70	16.87	16.70	17.5	0.0
20	QPSK	1	1	16.80	16.97	16.80	17.5	0.0
20	QPSK	1	53	16.83	16.87	16.83		
20	QPSK	1	104	16.69	16.86	16.69		
20	QPSK	50	0	16.69	16.85	16.69	17.5	0.0
20	QPSK	50	28	16.72	16.86	16.72		
20	QPSK	50	56	16.64	16.81	16.64		
20	QPSK	100	0	16.72	16.89	16.72	17.5	0.0
20	16QAM	1	1	16.78	16.95	16.58	17.5	0.0
20	64QAM	1	1	16.75	16.72	16.55	17.5	0.0
20	256QAM	1	1	16.79	16.96	16.79	17.5	0.0
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	16.89	16.93	16.9	17.5	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	16.77	16.87	16.89	17.5	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	16.68	16.89	16.62	17.5	0.0

n25 Hotspot on

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	PI/2 BPSK	1	1	14.31	14.16	14.15	15.0	0.0
20	PI/2 BPSK	1	53	14.11	14.29	14.20		
20	PI/2 BPSK	1	104	14.17	14.09	14.00		
20	PI/2 BPSK	50	0	14.25	14.11	14.09	15.0	0.0
20	PI/2 BPSK	50	28	14.12	14.18	14.01		
20	PI/2 BPSK	50	56	14.11	14.04	14.06		
20	PI/2 BPSK	100	0	14.18	14.13	14.08	15.0	0.0
20	QPSK	1	1	14.20	14.36	14.21	15.0	0.0
20	QPSK	1	53	14.32	14.24	14.17		
20	QPSK	1	104	14.10	14.12	13.98		
20	QPSK	50	0	14.22	14.10	13.95	15.0	0.0
20	QPSK	50	28	14.17	14.23	14.02		
20	QPSK	50	56	14.19	14.07	14.03		
20	QPSK	100	0	14.15	14.19	13.95	15.0	0.0
20	16QAM	1	1	14.34	14.19	13.92	15.0	0.0
20	64QAM	1	1	14.31	13.98	14.11	15.0	0.0
20	256QAM	1	1	14.26	14.26	14.26	15.0	0.0
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	14.12	14.14	14.11	15.0	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	14.18	14.18	14.24	15.0	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	14.07	14.21	14.21	15.0	0.0

n25 Handheld on

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	PI/2 BPSK	1	1	21.20	21.10	21.07	21.5	0.0
20	PI/2 BPSK	1	53	21.36	21.19	21.39		
20	PI/2 BPSK	1	104	21.10	21.05	20.91		
20	PI/2 BPSK	50	0	21.14	21.05	21.01	21.5	0.0
20	PI/2 BPSK	50	28	21.07	21.08	20.98		
20	PI/2 BPSK	50	56	21.04	21.00	20.97		
20	PI/2 BPSK	100	0	21.07	21.07	21.00	21.5	0.0
20	QPSK	1	1	21.15	21.41	21.18	21.5	0.0
20	QPSK	1	53	21.25	21.20	21.08		
20	QPSK	1	104	20.99	21.06	20.90		
20	QPSK	50	0	21.17	21.09	20.92	21.5	0.0
20	QPSK	50	28	21.10	21.18	20.93		
20	QPSK	50	56	21.08	21.01	20.95		
20	QPSK	100	0	21.10	21.19	20.92	21.5	0.0
20	16QAM	1	1	21.27	21.15	20.83	21.5	0.0
20	64QAM	1	1	21.20	20.92	21.03	21.5	0.0
20	256QAM	1	1	19.27	19.22	19.32	19.5	2.0
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	21.05	21.1	21.02	21.5	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	21.07	21.12	21.16	21.5	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	21.02	21.11	21.18	21.5	0.0

n66 Receiver on

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	PI/2 BPSK	1	1	13.89	13.88	13.75	14.5	0.0
20	PI/2 BPSK	1	53	13.83	13.86	13.89		
20	PI/2 BPSK	1	104	13.91	13.81	13.62		
20	PI/2 BPSK	50	0	14.01	13.84	13.71	14.5	0.0
20	PI/2 BPSK	50	28	13.88	13.83	13.74		
20	PI/2 BPSK	50	56	13.88	13.79	13.72		
20	PI/2 BPSK	100	0	13.78	13.79	13.72	14.5	0.0
20	QPSK	1	1	14.03	14.04	14.02	14.5	0.0
20	QPSK	1	53	13.89	13.89	13.72		
20	QPSK	1	104	13.94	13.96	13.87		
20	QPSK	50	0	13.92	13.93	13.62	14.5	0.0
20	QPSK	50	28	13.77	13.84	13.67		
20	QPSK	50	56	13.90	13.79	13.66		
20	QPSK	100	0	13.84	13.85	13.65	14.5	0.0
20	16QAM	1	1	13.76	13.69	13.25	14.5	0.0
20	64QAM	1	1	13.92	13.92	13.75	14.5	0.0
20	256QAM	1	1	14.02	14.02	14.04	14.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	13.82	13.84	13.78	14.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	13.86	13.88	13.80	14.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	13.80	13.89	13.74	14.5	0.0

n66 Sensor on

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	PI/2 BPSK	1	1	17.34	17.38	17.23	18.0	0.0
20	PI/2 BPSK	1	53	17.34	17.32	17.42		
20	PI/2 BPSK	1	104	17.40	17.33	17.09		
20	PI/2 BPSK	50	0	17.46	17.34	17.19	18.0	0.0
20	PI/2 BPSK	50	28	17.39	17.29	17.27		
20	PI/2 BPSK	50	56	17.37	17.31	17.19		
20	PI/2 BPSK	100	0	17.23	17.29	17.20	18.0	0.0
20	QPSK	1	1	17.54	17.59	17.55	18.0	0.0
20	QPSK	1	53	17.38	17.41	17.19		
20	QPSK	1	104	17.39	17.46	17.35		
20	QPSK	50	0	17.43	17.44	17.15	18.0	0.0
20	QPSK	50	28	17.26	17.36	17.14		
20	QPSK	50	56	17.35	17.29	17.14		
20	QPSK	100	0	17.35	17.39	17.18	18.0	0.0
20	16QAM	1	1	17.25	17.21	16.72	18.0	0.0
20	64QAM	1	1	17.37	17.42	17.23	18.0	0.0
20	256QAM	1	1	17.53	17.48	17.57	18.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	17.31	17.36	17.25	18.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	17.31	17.38	17.28	18.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	17.31	17.35	17.27	18.0	0.0

n66 Hotspot on

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	PI/2 BPSK	1	1	15.42	15.51	15.34	16.0	0.0
20	PI/2 BPSK	1	53	15.48	15.41	15.54		
20	PI/2 BPSK	1	104	15.52	15.46	15.19		
20	PI/2 BPSK	50	0	15.54	15.47	15.30	16.0	0.0
20	PI/2 BPSK	50	28	15.53	15.38	15.39		
20	PI/2 BPSK	50	56	15.49	15.44	15.29		
20	PI/2 BPSK	100	0	15.31	15.42	15.31	16.0	0.0
20	QPSK	1	1	15.68	15.71	15.67	16.0	0.0
20	QPSK	1	53	15.50	15.54	15.29		
20	QPSK	1	104	15.47	15.59	15.46		
20	QPSK	50	0	15.57	15.58	15.27	16.0	0.0
20	QPSK	50	28	15.38	15.49	15.24		
20	QPSK	50	56	15.43	15.42	15.25		
20	QPSK	100	0	15.49	15.58	15.30	16.0	0.0
20	16QAM	1	1	15.37	15.34	14.82	16.0	0.0
20	64QAM	1	1	15.45	15.55	15.34	16.0	0.0
20	256QAM	1	1	15.67	15.57	15.69	16.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	15.43	15.49	15.35	16.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	15.39	15.51	15.39	16.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	15.45	15.44	15.39	16.0	0.0

n66 Handheld on

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	PI/2 BPSK	1	1	20.02	20.16	19.97	20.5	0.0
20	PI/2 BPSK	1	53	20.14	20.02	20.22		
20	PI/2 BPSK	1	104	20.16	20.13	19.81		
20	PI/2 BPSK	50	0	20.14	20.12	19.93	20.5	0.0
20	PI/2 BPSK	50	28	20.19	19.99	20.07		
20	PI/2 BPSK	50	56	20.13	20.11	19.91		
20	PI/2 BPSK	100	0	19.91	20.07	19.94	20.5	0.0
20	QPSK	1	1	20.34	20.36	20.35	20.5	0.0
20	QPSK	1	53	20.14	20.21	19.91		
20	QPSK	1	104	20.07	20.24	20.09		
20	QPSK	50	0	20.23	20.24	19.95	20.5	0.0
20	QPSK	50	28	20.02	20.16	19.86		
20	QPSK	50	56	20.03	20.07	19.88		
20	QPSK	100	0	20.15	20.16	19.98	20.5	0.0
20	16QAM	1	1	20.01	20.01	19.44	20.5	0.0
20	64QAM	1	1	20.05	20.20	19.97	20.5	0.0
20	256QAM	1	1	19.23	19.28	19.30	19.5	1.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	20.17	20.16	20.00	20.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	19.99	20.16	20.02	20.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	20.11	20.05	20.01	20.5	0.0

MIMO

2.4GHz WLAN	Full Power/Hotspot/Body Worn/Handheld					
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	22.11	22.50	100.00
		6	2437	22.12	22.50	
		11	2462	22.11	22.50	
	802.11g 6Mbps	1	2412	20.83	21.50	98.28
		6	2437	21.04	21.50	
		11	2462	19.57	21.50	
	802.11n-HT20 MCS0	1	2412	19.36	21.00	98.16
		6	2437	21.22	21.50	
		11	2462	18.93	21.00	

2.4GHz WLAN	Receiver On					
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	20.90	21.50	100.00
		6	2437	20.18	21.50	
		11	2462	20.15	21.50	
	802.11g 6Mbps	1	2412	Not Inquired	21.50	98.28
		6	2437		21.50	
		11	2462		21.50	
	802.11n-HT20 MCS0	1	2412		21.00	98.16
		6	2437		21.50	
		11	2462		21.00	

5GHz WLAN	Full Power/Receiver On/handheld					
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.2GHz WLAN	802.11a 6Mbps	36	5180	19.52	21.00	98.62
		40	5200	20.19	21.00	
		44	5220	20.42	21.00	
		48	5240	20.58	21.00	
	802.11n-HT20 MCS0	36	5180	19.55	20.00	98.52
		40	5200	19.12	20.00	
		44	5220	19.27	20.00	
		48	5240	19.52	20.00	
	802.11n-HT40 MCS0	38	5190	11.95	13.00	96.35
		46	5230	18.99	20.00	
	802.11ac-VHT20 MCS0	36	5180	19.57	20.00	98.89
		40	5200	19.06	20.00	
		44	5220	19.35	20.00	
		48	5240	19.51	20.00	
	802.11ac-VHT40 MCS0	38	5190	11.96	13.00	96.35
		46	5230	19.05	20.00	
	802.11ac-VHT80 MCS0	42	5210	11.74	13.00	93.31

5GHz WLAN	Body Worn					
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.2GHz WLAN	802.11a 6Mbps	36	5180	14.28	15.00	98.62
		40	5200	14.31	15.00	
		44	5220	14.36	15.00	
		48	5240	14.45	15.00	
	802.11n-HT20 MCS0	36	5180	Not Inquired	15.00	98.52
		40	5200		15.00	
		44	5220		15.00	
		48	5240		15.00	
	802.11n-HT40 MCS0	38	5190		13.00	96.35
		46	5230		14.50	
	802.11ac-VHT20 MCS0	36	5180		15.00	98.89
		40	5200		15.00	
		44	5220		15.00	
		48	5240		15.00	
	802.11ac-VHT40 MCS0	38	5190		13.00	96.35
		46	5230		14.50	
	802.11ac-VHT80 MCS0	42	5210		13.00	93.31

5GHz WLAN	Full Power/Receiver On/handheld					
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.3GHz WLAN	802.11a 6Mbps	52	5260	20.35	21.00	98.62
		56	5280	20.42	21.00	
		60	5300	20.32	21.00	
		64	5320	20.41	21.00	
	802.11n-HT20 MCS0	52	5260	19.36	20.00	98.52
		56	5280	19.34	20.00	
		60	5300	19.44	20.00	
		64	5320	19.53	20.00	
	802.11n-HT40 MCS0	54	5270	18.80	20.00	96.35
		62	5310	12.78	13.50	
	802.11ac-VHT20 MCS0	52	5260	19.31	20.00	98.89
		56	5280	19.38	20.00	
		60	5300	19.41	20.00	
		64	5320	19.55	20.00	
	802.11ac-VHT40 MCS0	54	5270	18.91	20.00	96.35
		62	5310	12.83	13.50	
	802.11ac-VHT80 MCS0	58	5290	13.50	14.50	93.31

5GHz WLAN	Body Worn					
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.3GHz WLAN	802.11a 6Mbps	52	5260	14.23	15.00	98.62
		56	5280	14.28	15.00	
		60	5300	14.28	15.00	
		64	5320	13.91	15.00	
	802.11n-HT20 MCS0	52	5260	Not Inquired	15.00	98.52
		56	5280		15.00	
		60	5300		15.00	
		64	5320		15.00	
	802.11n-HT40 MCS0	54	5270		14.50	96.35
		62	5310		13.50	
	802.11ac-VHT20 MCS0	52	5260		15.00	98.89
		56	5280		15.00	
		60	5300		15.00	
		64	5320		15.00	
	802.11ac-VHT40 MCS0	54	5270		14.50	96.35
		62	5310		13.50	
	802.11ac-VHT80 MCS0	58	5290		14.50	93.31

5GHz WLAN	Full Power/Receiver On/handheld					
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.5GHz WLAN	802.11a 6Mbps	100	5500	20.59	21.50	98.62
		116	5580	20.77	21.50	
		132	5660	20.74	21.50	
		140	5700	20.53	21.50	
	802.11n-HT20 MCS0	100	5500	19.61	20.00	98.52
		116	5580	20.20	21.00	
		132	5660	19.95	20.00	
		140	5700	18.22	19.00	
	802.11n-HT40 MCS0	102	5510	14.55	15.50	96.35
		110	5550	19.21	20.00	
		134	5670	19.30	20.00	
	802.11ac-VHT20 MCS0	100	5500	19.58	20.00	98.89
		116	5580	20.21	21.00	
		132	5660	19.98	21.00	
		140	5700	18.26	19.50	
	802.11ac-VHT40 MCS0	102	5510	14.58	15.50	96.35
		110	5550	19.24	20.00	
		134	5670	19.36	20.00	
	802.11ac-VHT80 MCS0	106	5530	12.52	13.50	93.31

5GHz WLAN	Body Worn					
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.5GHz WLAN	802.11a 6Mbps	100	5500	13.72	15.50	98.62
		116	5580	14.47	15.50	
		132	5660	14.22	15.50	
		140	5700	14.12	15.50	
	802.11n-HT20 MCS0	100	5500	Not Inquired	15.50	98.52
		116	5580		15.50	
		132	5660		15.50	
		140	5700		15.50	
	802.11n-HT40 MCS0	102	5510		15.00	96.35
		110	5550		15.00	
		134	5670		15.00	
	802.11ac-VHT20 MCS0	100	5500		15.50	98.89
		116	5580		15.50	
		132	5660		15.50	
		140	5700		15.50	
	802.11ac-VHT40 MCS0	102	5510		15.00	96.35
		110	5550		15.00	
		134	5670		15.00	
	802.11ac-VHT80 MCS0	106	5530		13.50	93.31

5GHz WLAN	Full Power/Receiver On/handheld					
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.8GHz WLAN	802.11a 6Mbps	149	5745	20.98	21.50	98.62
		157	5785	20.55	21.50	
		165	5825	20.94	21.50	
	802.11n-HT20 MCS0	149	5745	19.98	21.00	98.52
		157	5785	19.61	20.50	
		165	5825	20.00	21.00	
	802.11n-HT40 MCS0	151	5755	19.06	20.00	96.35
		159	5795	18.94	20.00	
	802.11ac-VHT20 MCS0	149	5745	20.01	21.00	98.89
		157	5785	19.61	20.50	
		165	5825	19.96	21.00	
	802.11ac-VHT40 MCS0	151	5755	19.14	20.00	96.35
		159	5795	18.93	20.00	
	802.11ac-VHT80 MCS0	155	5775	19.04	20.00	93.31

5GHz WLAN	Body Worn					
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.8GHz WLAN	802.11a 6Mbps	149	5745	16.13	18.00	98.62
		157	5785	16.02	18.00	
		165	5825	16.07	18.00	
	802.11n-HT20 MCS0	149	5745	Not Inquired	18.00	98.52
		157	5785		18.00	
		165	5825		18.00	
	802.11n-HT40 MCS0	151	5755		17.50	96.35
		159	5795		17.50	
	802.11ac-VHT20 MCS0	149	5745		18.00	98.89
		157	5785		18.00	
		165	5825		18.00	
	802.11ac-VHT40 MCS0	151	5755		17.50	96.35
		159	5795		17.50	
	802.11ac-VHT80 MCS0	155	5775		17.50	93.31

BR / EDR

Mode	Channel	Frequency (MHz)	Average power (dBm)		
			1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	10.22	7.44	7.53
	CH 39	2441	11.40	8.20	8.77
	CH 78	2480	10.20	8.43	8.51
Tune-up Limit			12		

LE 4.0

Mode	Channel	Frequency (MHz)	Average power (dBm)
			GFSK
LE	CH 00	2402	5.58
	CH 19	2440	6.02
	CH 39	2480	6.48
Tune-up Limit			8

LE 5.0

Mode	Channel	Frequency (MHz)	Average power (dBm)
LE	CH 00	2402	5.27
	CH 19	2440	6.03
	CH 39	2480	6.53
Tune-up Limit			8.00

MIMO

2.4GHz WLAN	Simultaneous					
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	15.81	16.50	100.00
		6	2437	15.07	16.50	
		11	2462	14.92	16.50	
	802.11g 6Mbps	1	2412	Not Inquired	16.50	98.28
		6	2437		16.50	
		11	2462		16.50	
	802.11n-HT20 MCS0	1	2412		16.50	98.16
		6	2437		16.50	
		11	2462		16.50	

5GHz WLAN	Simultaneous					
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.2GHz WLAN	802.11a 6Mbps	36	5180	9.88	11.00	98.62
		40	5200	9.79	11.00	
		44	5220	9.74	11.00	
		48	5240	9.83	11.00	
	802.11n-HT20 MCS0	36	5180	Not Inquired	11.00	98.52
		40	5200		11.00	
		44	5220		11.00	
		48	5240		11.00	
	802.11n-HT40 MCS0	38	5190		10.50	96.35
		46	5230		10.50	
	802.11ac-VHT20 MCS0	36	5180		11.00	98.89
		40	5200		11.00	
		44	5220		11.00	
		48	5240		11.00	
	802.11ac-VHT40 MCS0	38	5190		10.50	96.35
		46	5230		10.50	
	802.11ac-VHT80 MCS0	42	5210		10.50	93.31

5GHz WLAN	Simultaneous					
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.3GHz WLAN	802.11a 6Mbps	52	5260	9.27	10.50	98.62
		56	5280	9.61	10.50	
		60	5300	9.46	10.50	
		64	5320	9.66	10.50	
	802.11n-HT20 MCS0	52	5260	Not Inquired	10.50	98.52
		56	5280		10.50	
		60	5300		10.50	
		64	5320		10.50	
	802.11n-HT40 MCS0	54	5270		10.00	96.35
		62	5310		10.00	
	802.11ac-VHT20 MCS0	52	5260		10.50	98.89
		56	5280		10.50	
		60	5300		10.50	
		64	5320		10.50	
	802.11ac-VHT40 MCS0	54	5270		10.00	96.35
		62	5310		10.00	
	802.11ac-VHT80 MCS0	58	5290		10.00	93.31

5GHz WLAN	Simultaneous					
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.5GHz WLAN	802.11a 6Mbps	100	5500	8.33	10.00	98.62
		116	5580	9.09	10.00	
		132	5660	8.69	10.00	
		140	5700	8.55	10.00	
	802.11n-HT20 MCS0	100	5500	Not Inquired	10.00	98.52
		116	5580		10.00	
		132	5660		10.00	
		140	5700		10.00	
	802.11n-HT40 MCS0	102	5510		9.50	96.35
		110	5550		9.50	
		134	5670		9.50	
	802.11ac-VHT20 MCS0	100	5500		10.00	98.89
		116	5580		10.00	
		132	5660		10.00	
		140	5700		10.00	
	802.11ac-VHT40 MCS0	102	5510		9.50	96.35
		110	5550		9.50	
		134	5670		9.50	
	802.11ac-VHT80 MCS0	106	5530		9.50	93.31

5GHz WLAN	Simultaneous					
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.8GHz WLAN	802.11a 6Mbps	149	5745	12.26	13.00	98.62
		157	5785	12.06	13.00	
		165	5825	12.40	13.00	
	802.11n-HT20 MCS0	149	5745	Not Inquired	13.00	98.52
		157	5785		13.00	
		165	5825		13.00	
	802.11n-HT40 MCS0	151	5755		12.50	96.35
		159	5795		12.50	
	802.11ac-VHT20 MCS0	149	5745		13.00	98.89
		157	5785		13.00	
		165	5825		13.00	
	802.11ac-VHT40 MCS0	151	5755		12.50	96.35
		159	5795		12.40	
	802.11ac-VHT80 MCS0	155	5775		12.50	93.31

Appendix F. Supplemental Tuner Head & Body SAR Results

The results are shown as follows.

Head-Ant1

Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)								
									Auto-Tune	0	20	40	60	80	100	120	140
CDMA2000 BC0	RC3 SO55	1013	824.7	-	-	Right Cheek	0mm	0.203	0.243	0.135	0.179	0.167	0.189	0.233	0.124	0.131	0.113

Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)								
									Auto-Tune	1	21	41	61	81	101	121	141
CDMA2000 BC1	RC3 SO55	25	1851.25	-	-	Right Cheek	0mm	0.059	0.083	0.041	0.045	0.052	0.061	0.072	0.052	0.036	0.033

Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)								
									Auto-Tune	2	22	42	62	82	102	122	142
CDMA2000 BC10	RC3 SO55	580	820.5	-	-	Right Cheek	0mm	0.207	0.248	0.148	0.192	0.181	0.202	0.246	0.137	0.145	0.126

Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)								
									Auto-Tune	3	23	43	63	83	103	123	143
WCDMA II	RMC 12.2Kbps	9262	1852.4	-	-	Left Cheek	0mm	0.067	0.098	0.056	0.059	0.067	0.071	0.073	0.067	0.051	0.048

Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)								
									Auto-Tune	4	24	44	64	84	104	124	
WCDMA IV	RMC 12.2Kbps	1312	1712	-	-	Left Cheek	0mm	0.0767	0.106	0.049	0.049	0.032	0.054	0.052	0.039	0.018	

Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)								
									Auto-Tune	5	25	45	65	85	105	125	
WCDMA V	RMC 12.2Kbps	4182	836.4	-	-	Right Cheek	0mm	0.285	0.245	0.226	0.231	0.179	0.221	0.241	0.211	0.023	

Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)								
									Auto-Tune	6	26	46	66	86	106	126	
LTE Band 12	10M/QPSK	23095	707.5	1	0	Right Cheek	0mm	0.192	0.225	0.131	0.113	0.005	0.025	0.085	0.048	0.068	

Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)								
									Auto-Tune	7	27	47	67	87	107	127	
LTE Band 13	10M/QPSK	23230	782	1	0	Right Cheek	0mm	0.152	0.179	0.072	0.035	0.088	0.123	0.161	0.092	0.011	

Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)								
									Auto-Tune	8	28	48	68	88	108	128	
LTE Band 14	10M/QPSK	23330	793	1	0	Left Cheek	0mm	0.19	0.351	0.061	0.075	0.047	0.050	0.121	0.003	0.007	

Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)								
									Auto-Tune	9	29	49	69	89	109	129	
LTE Band 26	15M/QPSK	26865	831.5	1	0	Right Cheek	0mm	0.241	0.286	0.175	0.219	0.207	0.229	0.273	0.164	0.171	

Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)								
									Auto-Tune	10	30	50	70	90	110	130	
LTE Band 71	20M/QPSK	133322	683	1	0	Right Cheek	0mm	0.203	0.234	0.221	0.170	0.219	0.149	0.029	0.087	0.049	

Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)								
									Auto-Tune	11	31	51	71	91	111	131	
LTE Band 25	20M/QPSK	26140	1860	1	0	Left Cheek	0mm	0.0722	0.101	0.041	0.047	0.028	0.024	0.033	0.030	0.032	

Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)								
									Auto-Tune	12	32	52	72	92	112	132	
LTE Band 66	20M/QPSK	132072	1720	1	0	Left Cheek	0mm	0.088	0.109	0.081	0.075	0.067	0.073	0.075	0.068	0.067	

Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)								
									Auto-Tune	13	33	53	73	93	113	133	
LTE Band 7	20M/QPSK	20850	2510	1	0	Left Tilted	0mm	0.07	0.106	0.037	0.038	0.036	0.027	0.030	0.040	0.036	

Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)								
									Auto-Tune	14	34	54	74	94	114	134	
LTE Band 30	10M/QPSK	27710	2310	1	0	Left Cheek	0mm	0.087	0.124	0.032	0.031	0.034	0.033	0.033	0.026	0.024	

Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)								
									Auto-Tune	15	35	55	75	95	115	135	
LTE Band 41-HPUE	20M/QPSK	39750	2506	1	0	Right Cheek	0mm	0.073	0.106	0.012	0.013	0.011	0.011	0.010	0.012	0.010	

Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)								
									Auto-Tune	16	36	56	76	96	116	136	
FR1 N5	20M/BPSK	167300	836.5	1	1	Right Cheek	0mm	0.244	0.27	0.232	0.136	0.143	0.237	0.262	0.218	0.133	

Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)								
									Auto-Tune	17	37	57	77	97	117	137	
FR1 N2	20M/BPSK	376000	1880	1	53	Right Cheek	0mm	0.058	0.069	0.012	0.013	0.021	0.010	0.057	0.061	0.034	

Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)								
									Auto-Tune	18	38	58	78	98	118	138	
FR1 N41	100M/QPSK	509202	2546.01	1	1	Left Tilted	0mm	0.074	0.092	0.073	0.086	0.056	0.043	0.073	0.024	0.045	

Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)								
									Auto-Tune	19	39	59	79	99	119	139	
FR1 N66	20M/QPSK	349000	1745	1	1	Left Cheek	0mm	0.048	0.057	0.049	0.023	0.017	0.052	0.055	0.045	0.049	

Head-Ant2

Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)						
									Auto-Tune	0	1	2	3	4	5
LTE Band 25&2 -UAT	20M/QPSK	18900	1880	1	0	Left Tilted	0mm	0.484	0.609	0.528	0.481	0.333	0.571	0.572	0.573

Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)						
									Auto-Tune	0	1	2	3	4	5
LTE Band 5-UAT	10M/QPSK	20525	836.5	1	0	Left Tilted	0mm	0.453	0.591	0.322	0.327	0.405	0.438	0.470	0.478

Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)						
									Auto-Tune	0	1	2	3	4	5
LTE Band 12 -UAT	10M/QPSK	23095	707.5	25	0	Left Tilted	0mm	0.426	0.73	0.474	0.514	0.514	0.719	0.724	0.728

Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)	
									Auto-Tune	0
LTE Band 30	10M/QPSK	27710	2310	1	0	Left Tilted	0mm	0.47	0.834	0.747

Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)			
									Auto-Tune	0	1	2
LTE Band 41-UAT	20M/QPSK	40620	2593	1	0	Left Tilted	0mm	0.46	0.808	0.237	0.784	0.644

Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)						
									Auto-Tune	0	1	2	3	4	5
LTE Band 66&4-UAT	20M/QPSK	132322	1745	50	0	Left Tilted	0mm	0.395	0.694	0.147	0.208	0.311	0.635	0.635	0.545

Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)						
									Auto-Tune	0	1	2	3	4	5
FR1 N25	20M/QPSK	376500	1882.5	1	1	Left Tilted	0mm	0.485	0.677	0.5324	0.513	0.501	0.512	0.562	0.552

Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)						
									Auto-Tune	0	1	2	3	4	5
FR1 N5	20M/QPSK	167300	836.5	50	0	Left Cheek	0mm	0.465	0.623	0.513	0.491	0.462	0.532	0.551	0.551

Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)						
									Auto-Tune	0	1	2	3	4	5
FR1 N66	20M/QPSK	349000	1745	1	1	Left Tilted	0mm	0.489	0.69	0.452	0.474	0.502	0.612	0.612	0.583

Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)						
									Auto-Tune	0	1	2	3	4	5
FR1 N71	20M/QPSK	136100	680.5	50	28	Left Cheek	0mm	0.495	0.711	0.503	0.503	0.503	0.521	0.521	0.521

Body-Ant1

Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)								
									Auto-Tune	0	20	40	60	80	100	120	140
CDMA2000 BC0	RTAP 153.6Kbps	1013	824.7	-	-	Back	5mm	0.972	1.671	0.446	0.916	0.914	0.660	1.511	0.315	0.419	0.819

Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)								
									Auto-Tune	1	21	41	61	81	101	121	141
CDMA2000 BC1	RTAP 153.6Kbps	600	1880	-	-	Bottom Side	5mm	0.955	1.656	0.863	0.921	0.956	1.225	1.116	0.721	0.364	0.528

Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)								
									Auto-Tune	2	22	42	62	82	102	122	142
CDMA2000 BC10	RTAP 153.6Kbps	684	823.1	-	-	Back	5mm	0.999	1.743	0.344	1.124	0.921	1.136	1.374	0.434	0.384	1.034

Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)								
									Auto-Tune	3	23	43	63	83	103	123	143
WCDMA II	RMC 12.2Kbps	9400	1880			Back	5mm	1.12	1.691	0.826	0.902	0.949	1.237	1.122	0.993	0.674	0.618

Sensor on

Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)								
									Auto-Tune	4	24	44	64	84	104	124	
WCDMA IV	RMC 12.2Kbps	1513'	1752.6	-	-	Back	5mm	1.09	1.685	0.952	0.932	0.901	1.155	1.235	1.056	0.945	

Sensor on

Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)								
									Auto-Tune	5	25	45	65	85	105	125	
WCDMA V	RMC 12.2Kbps	4233	846.6	-	-	Back	5mm	0.949	1.17	0.979	0.977	0.758	0.927	0.982	0.988	1.015	

Full Power

Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)								
									Auto-Tune	6	26	46	66	86	106	126	
LTE Band 12	10M/QPSK	23095	707.5	1	0	Back	5mm	0.539	1.21	0.816	0.744	0.412	0.290	0.469	0.352	0.390	

Sensor on

Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)								
									Auto-Tune	7	27	47	67	87	107	127	
LTE Band 13	10M/QPSK	23230	782	1	0	Back	5mm	0.748	1.44	0.553	0.385	0.500	0.605	0.994	0.680	0.246	

Full Power

Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)								
									Auto-Tune	8	28	48	68	88	108	128	
LTE Band 14	10M/QPSK	23330	793	1	0	Back	5mm	0.79	1.44	0.970	0.955	0.841	0.915	1.321	0.580	0.607	

Full Power

Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)								
									Auto-Tune	9	29	49	69	89	109	129	
LTE Band 26	15M/QPSK	26865	831.5	1	0	Back	5mm	0.922	1.344	0.591	1.015	0.809	0.963	1.290	0.438	0.503	

Sensor on

Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)								
									Auto-Tune	10	30	50	70	90	110	130	
LTE Band 71	20M/QPSK	133322	683	1	0	Back	5mm	0.456	0.815	0.634	0.583	0.194	0.264	0.443	0.326	0.364	

Full Power

Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)								
									Auto-Tune	11	31	51	71	91	111	131	
LTE Band 25	20M/QPSK	26590	1905	1	0	Back	5mm	1.01	1.283	1.171	0.989	0.715	0.556	0.786	0.762	0.788	

Sensor on

Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)								
									Auto-Tune	12	32	52	72	92	112	132	
LTE Band 66	20M/QPSK	132322	1745	50	0	Back	5mm	0.487	0.786	0.437	0.343	0.333	0.416	0.457	0.435	0.407	

Sensor on

Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)								
									Auto-Tune	13	33	53	73	93	113	133	
LTE Band 7	20M/QPSK	21350	2560	1	0	Bottom Side	5mm	0.837	0.963	0.924	0.937	0.795	0.713	0.833	0.866	0.825	

Hotspot on

Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)								
									Auto-Tune	14	34	54	74	94	114	134	
LTE Band 30	10M/QPSK	27710	2310	1	0	Back	5mm	0.628	1.126	0.96	0.944	0.908	0.929	0.879	0.754	0.721	

Sensor on

Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)								
									Auto-Tune	15	35	55	75	95	115	135	
LTE Band 41	20M/QPSK	40620	2593	1	0	Bottom Side	5mm	1.02	1.699	1.545	1.56	1.521	1.513	1.55	1.316	1.429	

Hotspot on

Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)								
									Auto-Tune	16	36	56	76	96	116	136	
FR1 N5	20M/QPSK	167300	836.5	50	28	Back	5mm	0.579	0.743	0.602	0.506	0.513	0.607	0.632	0.588	0.503	

Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)								
									Auto-Tune	17	37	57	77	97	117	137	
FR1 N2	20M/QPSK	376500	1882.5	1	53	Back	5mm	0.521	0.663	0.505	0.506	0.506	0.496	0.502	0.579	0.511	

Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)								
									Auto-Tune	18	38	58	78	98	118	138	
FR1 N41	100M/QPSK	518598	2592.99	135	0	Back	5mm	0.399	0.523	0.403	0.421	0.384	0.362	0.404	0.225	0.375	

Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)								
									Auto-Tune	19	39	59	79	99	119	139	
FR1 N66	20M/QPSK	349000	1745	50	0	Back	5mm	0.461	0.687	0.558	0.474	0.483	0.586	0.603	0.572	0.590	

Body-Ant2

Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)						
									Auto-Tune	0	1	2	3	4	5
LTE Band 25&2 -UAT	20M/QPSK	26340	1880	1	0	Top Side	5mm	0.464	0.824	0.654	0.492	0.342	0.821	0.811	0.774

Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)						
									Auto-Tune	0	1	2	3	4	5
LTE Band 5	10M/QPSK	20525	836.5	1	0	Front	5mm	0.417	0.725	0.469	0.424	0.376	0.507	0.521	0.521

Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)						
									Auto-Tune	0	1	2	3	4	5
LTE Band 12	10M/QPSK	23095	707.5	1	0	Top Side	5mm	0.317	0.588	0.035	0.079	0.080	0.527	0.542	0.542

Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)	
									Auto-Tune	0
LTE Band 30	10M/QPSK	27710	2310	25	0	Front	5mm	0.46	0.802	0.611

Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)			
									Auto-Tune	0	1	2
LTE Band 41-UAT	20M/QPSK	40620	2593	1	0	Top Side	5mm	0.446	0.854	0.310	0.850	0.719

Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)						
									Auto-Tune	0	1	2	3	4	5
LTE Band 66&4-UAT	20M/QPSK	132322	1745	50	0	Front	5mm	0.475	0.808	0.272	0.302	0.356	0.541	0.541	0.483

Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)						
									Auto-Tune	0	1	2	3	4	5
FR1 N25&2	20M/QPSK	376500	1882.5	1	1	Right Side	5mm	0.497	0.645	0.503	0.480	0.456	0.521	0.533	0.521

Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)						
									Auto-Tune	0	1	2	3	4	5
FR1 N5	20M/QPSK	167300	836.5	50	28	Top Side	5mm	0.499	0.678	0.573	0.536	0.535	0.626	0.634	0.634

Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)						
									Auto-Tune	0	1	2	3	4	5
FR1 N66	20M/QPSK	349000	1745	1	1	Right Side	5mm	0.506	0.684	0.443	0.460	0.497	0.592	0.592	0.577

Mode	Service/ Modulation	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured 1g SAR (W/kg)	Average Value of Time Sweep (W/kg)						
									Auto-Tune	0	1	2	3	4	5
FR1 N71	20M/QPSK	136100	680.5	1	1	Top Side	5mm	0.18	0.242	0.189	0.189	0.189	0.190	0.190	0.190