

	Band 2	20M	1880	18900	QPSK	1	0	Band 4	20M	2132.5	2175	/	/	/	/	/	/	/	/	23.03	23.15	24.00
	Band 2	20M	1900	19100	QPSK	1	50	Band 4	20M	2132.5	2175	/	/	/	/	/	/	/	/	22.99	23.12	24.00
	Band 4	20M	1720	20050	QPSK	1	0	Band 2	20M	1960	900	/	/	/	/	/	/	/	/	23.76	23.93	24.50
	Band 4	20M	1732.5	20175	QPSK	1	50	Band 2	20M	1960	900	/	/	/	/	/	/	/	/	23.69	23.89	24.50
	Band 4	20M	1745	20300	QPSK	1	0	Band 2	20M	1960	900	/	/	/	/	/	/	/	/	23.70	23.80	24.50
CA_2A-5A	Band 2	20M	1860	18700	QPSK	1	50	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	22.93	23.11	24.00
	Band 2	20M	1880	18900	QPSK	1	0	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	23.03	23.15	24.00
	Band 2	20M	1900	19100	QPSK	1	50	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	22.96	23.12	24.00
CA_2A-7A	Band 2	20M	1860	18700	QPSK	1	50	Band 7	20M	2655	3100	/	/	/	/	/	/	/	/	22.96	23.11	24.00
	Band 2	20M	1880	18900	QPSK	1	0	Band 7	20M	2655	3100	/	/	/	/	/	/	/	/	22.98	23.15	24.00
	Band 2	20M	1900	19100	QPSK	1	50	Band 7	20M	2655	3100	/	/	/	/	/	/	/	/	22.97	23.12	24.00
	Band 7	20M	2510	20850	QPSK	1	99	Band 2	20M	1960	900	/	/	/	/	/	/	/	/	23.14	23.34	24.00
	Band 7	20M	2535	21100	QPSK	1	99	Band 2	20M	1960	900	/	/	/	/	/	/	/	/	22.99	23.16	24.00
	Band 7	20M	2560	21350	QPSK	1	99	Band 2	20M	1960	900	/	/	/	/	/	/	/	/	23.06	23.21	24.00
CA_2A-66A	Band 2	20M	1860	18700	QPSK	1	50	Band 66	20M	2155	66886	/	/	/	/	/	/	/	/	22.94	23.11	24.00
	Band 2	20M	1880	18900	QPSK	1	0	Band 66	20M	2155	66886	/	/	/	/	/	/	/	/	22.96	23.15	24.00
	Band 2	20M	1900	19100	QPSK	1	50	Band 66	20M	2155	66886	/	/	/	/	/	/	/	/	23.01	23.12	24.00
	Band 66	20M	1720	132072	QPSK	1	99	Band 2	20M	1960	900	/	/	/	/	/	/	/	/	23.89	23.99	24.50
	Band 66	20M	1745	132322	QPSK	1	50	Band 2	20M	1960	900	/	/	/	/	/	/	/	/	23.89	24.02	24.50
	Band 66	20M	1770	132572	QPSK	1	50	Band 2	20M	1960	900	/	/	/	/	/	/	/	/	23.81	24.01	24.50
CA_4A-5A	Band 4	20M	1720	20050	QPSK	1	0	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	23.75	23.93	24.50
	Band 4	20M	1732.5	20175	QPSK	1	50	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	23.73	23.89	24.50
	Band 4	20M	1745	20300	QPSK	1	0	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	23.61	23.80	24.50
CA_4A-7A	Band 4	20M	1720	20050	QPSK	1	0	Band 7	20M	2655	3100	/	/	/	/	/	/	/	/	23.83	23.93	24.50
	Band 4	20M	1732.5	20175	QPSK	1	50	Band 7	20M	2655	3100	/	/	/	/	/	/	/	/	23.79	23.89	24.50
	Band 4	20M	1745	20300	QPSK	1	0	Band 7	20M	2655	3100	/	/	/	/	/	/	/	/	23.69	23.80	24.50
	Band 7	20M	2510	20850	QPSK	1	99	Band 4	20M	2132.5	2175	/	/	/	/	/	/	/	/	23.22	23.34	24.00
	Band 7	20M	2535	21100	QPSK	1	99	Band 4	20M	2132.5	2175	/	/	/	/	/	/	/	/	22.99	23.16	24.00
	Band 7	20M	2560	21350	QPSK	1	99	Band 4	20M	2132.5	2175	/	/	/	/	/	/	/	/	23.01	23.21	24.00
CA_5A-7A	Band 7	20M	2510	20850	QPSK	1	99	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	23.23	23.34	24.00
	Band 7	20M	2535	21100	QPSK	1	99	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	23.06	23.16	24.00
	Band 7	20M	2560	21350	QPSK	1	99	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	23.04	23.21	24.00
CA_5A-38A	Band 38	20M	2580	37850	QPSK	1	50	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	24.21	24.36	25.00
	Band 38	20M	2595	38000	QPSK	1	99	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	24.14	24.25	25.00
	Band 38	20M	2610	38150	QPSK	1	99	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	24.18	24.30	25.00
CA_5A-41A	Band 41	20M	2506	39750	QPSK	1	0	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	23.97	24.09	25.00
	Band 41	20M	2549.5	40185	QPSK	1	50	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	23.93	24.12	25.00
	Band 41	20M	2593	40620	QPSK	1	99	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	24.05	24.22	25.00
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	24.09	24.27	25.00

	Band 41	20M	2680	41490	QPSK	1	50	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	24.12	24.31	25.00
CA_5A-66A	Band 66	20M	1720	132072	QPSK	1	99	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	23.79	23.99	24.50
	Band 66	20M	1745	132322	QPSK	1	50	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	23.89	24.02	24.50
	Band 66	20M	1770	132572	QPSK	1	50	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	23.83	24.01	24.50
CA_7A-26A	Band 7	20M	2510	20850	QPSK	1	99	Band 26	15M	876.5	8865	/	/	/	/	/	/	/	/	23.20	23.34	24.00
	Band 7	20M	2535	21100	QPSK	1	99	Band 26	15M	876.5	8865	/	/	/	/	/	/	/	/	23.02	23.16	24.00
	Band 7	20M	2560	21350	QPSK	1	99	Band 26	15M	876.5	8865	/	/	/	/	/	/	/	/	23.06	23.21	24.00
CA_7A-66A	Band 7	20M	2510	20850	QPSK	1	99	Band 66	20M	2155	66886	/	/	/	/	/	/	/	/	23.22	23.34	24.00
	Band 7	20M	2535	21100	QPSK	1	99	Band 66	20M	2155	66886	/	/	/	/	/	/	/	/	22.98	23.16	24.00
	Band 7	20M	2560	21350	QPSK	1	99	Band 66	20M	2155	66886	/	/	/	/	/	/	/	/	23.03	23.21	24.00
	Band 66	20M	1720	132072	QPSK	1	99	Band 7	20M	2655	3100	/	/	/	/	/	/	/	/	23.82	23.99	24.50
	Band 66	20M	1745	132322	QPSK	1	50	Band 7	20M	2655	3100	/	/	/	/	/	/	/	/	23.91	24.02	24.50
	Band 66	20M	1770	132572	QPSK	1	50	Band 7	20M	2655	3100	/	/	/	/	/	/	/	/	23.81	24.01	24.50
CA_26A-41A	Band 41	20M	2506	39750	QPSK	1	0	Band 26	15M	876.5	8865	/	/	/	/	/	/	/	/	23.98	24.09	25.00
	Band 41	20M	2549.5	40185	QPSK	1	50	Band 26	15M	876.5	8865	/	/	/	/	/	/	/	/	23.94	24.12	25.00
	Band 41	20M	2593	40620	QPSK	1	99	Band 26	15M	876.5	8865	/	/	/	/	/	/	/	/	24.07	24.22	25.00
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 26	15M	876.5	8865	/	/	/	/	/	/	/	/	24.11	24.27	25.00
	Band 41	20M	2680	41490	QPSK	1	50	Band 26	15M	876.5	8865	/	/	/	/	/	/	/	/	24.13	24.31	25.00
CA_2A-4A-5A	Band 2	20M	1880	18900	QPSK	1	0	Band 4	20M	2132.5	2175	Band 5	10M	881.5	2525	/	/	/	/	23.01	23.15	24.00
	Band 4	20M	1732.5	20175	QPSK	1	50	Band 5	10M	881.5	2525	Band 2	20M	1960	900	/	/	/	/	23.72	23.89	24.50
CA_2A-4A-7A	Band 2	20M	1880	18900	QPSK	1	0	Band 4	20M	2132.5	2175	Band 7	20M	2655	3100	/	/	/	/	22.95	23.15	24.00
	Band 4	20M	1732.5	20175	QPSK	1	50	Band 7	20M	2655	3100	Band 2	20M	1960	900	/	/	/	/	23.75	23.89	24.50
	Band 7	20M	2535	21100	QPSK	1	99	Band 2	20M	1960	900	Band 4	20M	2132.5	2175	/	/	/	/	23.06	23.16	24.00
CA_2A-5A-7A	Band 2	20M	1880	18900	QPSK	1	0	Band 5	10M	881.5	2525	Band 7	20M	2655	3100	/	/	/	/	22.96	23.15	24.00
	Band 4	20M	1732.5	20175	QPSK	1	50	Band 7	20M	2655	3100	Band 5	10M	881.5	2525	/	/	/	/	23.70	23.89	24.50
CA_2A-5A-66A	Band 2	20M	1880	18900	QPSK	1	0	Band 5	10M	881.5	2525	Band 66	20M	2155	66886	/	/	/	/	23.02	23.15	24.00
	Band 66	20M	1745	132322	QPSK	1	50	Band 2	20M	1960	900	Band 5	10M	881.5	2525	/	/	/	/	23.88	24.02	24.50
CA_2A-7A-7A	Band 2	20M	1860	18700	QPSK	1	50	Band 7	20M	2655	3100	Band 7	5M	2687.5	3425	/	/	/	/	22.96	23.11	24.00
	Band 2	20M	1880	18900	QPSK	1	0	Band 7	20M	2655	3100	Band 7	5M	2687.5	3425	/	/	/	/	22.99	23.15	24.00
	Band 2	20M	1900	19100	QPSK	1	50	Band 7	20M	2655	3100	Band 7	5M	2687.5	3425	/	/	/	/	23.02	23.12	24.00
	Band 7	20M	2510	20850	QPSK	1	99	Band 7	5M	2687.5	3425	Band 2	20M	1960	900	/	/	/	/	23.17	23.34	24.00
	Band 7	20M	2535	21100	QPSK	1	99	Band 7	5M	2687.5	3425	Band 2	20M	1960	900	/	/	/	/	22.97	23.16	24.00
	Band 7	20M	2560	21350	QPSK	1	99	Band 7	5M	2622.5	2775	Band 2	20M	1960	900	/	/	/	/	23.06	23.21	24.00
CA_2A-7A-66A	Band 2	20M	1880	18900	QPSK	1	0	Band 7	20M	2655	3100	Band 66	20M	2155	66886	/	/	/	/	23.00	23.15	24.00
	Band 7	20M	2535	21100	QPSK	1	99	Band 66	20M	2155	66886	Band 2	20M	1960	900	/	/	/	/	22.96	23.16	24.00
	Band 66	20M	1745	132322	QPSK	1	50	Band 2	20M	1960	900	Band 7	20M	2655	3100	/	/	/	/	23.92	24.02	24.50
CA_4A-4A-5A	Band 4	20M	1720	20050	QPSK	1	0	Band 4	5M	2152.5	2375	Band 5	10M	881.5	2525	/	/	/	/	23.78	23.93	24.50
	Band 4	20M	1732.5	20175	QPSK	1	50	Band 4	5M	2152.5	2375	Band 5	10M	881.5	2525	/	/	/	/	23.74	23.89	24.50
	Band 4	20M	1745	20300	QPSK	1	0	Band 4	5M	2112.5	1975	Band 5	10M	881.5	2525	/	/	/	/	23.66	23.80	24.50

CA_4A-4A-7A	Band 4	20M	1720	20050	QPSK	1	0	Band 4	5M	2152.5	2375	Band 7	20M	2655	3100	/	/	/	/	23.75	23.93	24.50
	Band 4	20M	1732.5	20175	QPSK	1	50	Band 4	5M	2152.5	2375	Band 7	20M	2655	3100	/	/	/	/	23.75	23.89	24.50
	Band 4	20M	1745	20300	QPSK	1	0	Band 4	5M	2112.5	1975	Band 7	20M	2655	3100	/	/	/	/	23.68	23.80	24.50
	Band 7	20M	2510	20850	QPSK	1	99	Band 4	20M	2132.5	2175	Band 4	5M	2152.5	2375	/	/	/	/	23.20	23.34	24.00
	Band 7	20M	2535	21100	QPSK	1	99	Band 4	20M	2132.5	2175	Band 4	5M	2152.5	2375	/	/	/	/	23.03	23.16	24.00
	Band 7	20M	2560	21350	QPSK	1	99	Band 4	20M	2132.5	2175	Band 4	5M	2152.5	2375	/	/	/	/	23.09	23.21	24.00
CA_5A-7A-66A	Band 7	20M	2535	21100	QPSK	1	99	Band 66	20M	2155	66886	Band 5	10M	881.5	2525	/	/	/	/	22.98	23.16	24.00
	Band 66	20M	1745	132322	QPSK	1	50	Band 5	10M	881.5	2525	Band 7	20M	2655	3100	/	/	/	/	23.92	24.02	24.50
CA_5A-66A-66A	Band 66	20M	1720	132072	QPSK	1	99	Band 66	5M	2197.5	67311	Band 5	10M	881.5	2525	/	/	/	/	23.87	23.99	24.50
	Band 66	20M	1745	132322	QPSK	1	50	Band 66	5M	2197.5	67311	Band 5	10M	881.5	2525	/	/	/	/	23.87	24.02	24.50
	Band 66	20M	1770	132572	QPSK	1	50	Band 66	5M	2112.5	66461	Band 5	10M	881.5	2525	/	/	/	/	23.88	24.01	24.50
CA_7A-66A-66A	Band 7	20M	2510	20850	QPSK	1	99	Band 66	20M	2155	66886	Band 66	5M	2197.5	67311	/	/	/	/	23.24	23.34	24.00
	Band 7	20M	2535	21100	QPSK	1	99	Band 66	20M	2155	66886	Band 66	5M	2197.5	67311	/	/	/	/	23.01	23.16	24.00
	Band 7	20M	2560	21350	QPSK	1	99	Band 66	20M	2155	66886	Band 66	5M	2197.5	67311	/	/	/	/	23.07	23.21	24.00
	Band 66	20M	1720	132072	QPSK	1	99	Band 66	5M	2197.5	67311	Band 5	10M	881.5	2525	/	/	/	/	23.79	23.99	24.50
	Band 66	20M	1745	132322	QPSK	1	50	Band 66	5M	2197.5	67311	Band 5	10M	881.5	2525	/	/	/	/	23.92	24.02	24.50
	Band 66	20M	1770	132572	QPSK	1	50	Band 66	5M	2112.5	66461	Band 5	10M	881.5	2525	/	/	/	/	23.91	24.01	24.50
CA_2A-7C	Band 2	20M	1860	18700	QPSK	1	50	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	/	/	/	/	22.93	23.11	24.00
	Band 2	20M	1880	18900	QPSK	1	0	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	/	/	/	/	22.97	23.15	24.00
	Band 2	20M	1900	19100	QPSK	1	50	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	/	/	/	/	23.01	23.12	24.00
	Band 7	20M	2510	20850	QPSK	1	99	Band 7	20M	2649.8	3048	Band 2	20M	1960	900	/	/	/	/	23.24	23.34	24.00
	Band 7	20M	2535	21100	QPSK	1	99	Band 7	20M	2674.8	3298	Band 2	20M	1960	900	/	/	/	/	23.00	23.16	24.00
	Band 7	20M	2560	21350	QPSK	1	99	Band 7	20M	2660.2	3152	Band 2	20M	1960	900	/	/	/	/	23.06	23.21	24.00
CA_4A-7C	Band 4	20M	1720	20050	QPSK	1	0	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	/	/	/	/	23.76	23.93	24.50
	Band 4	20M	1732.5	20175	QPSK	1	50	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	/	/	/	/	23.71	23.89	24.50
	Band 4	20M	1745	20300	QPSK	1	0	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	/	/	/	/	23.68	23.80	24.50
	Band 7	20M	2510	20850	QPSK	1	99	Band 7	20M	2649.8	3048	Band 4	20M	2132.5	2175	/	/	/	/	23.20	23.34	24.00
	Band 7	20M	2535	21100	QPSK	1	99	Band 7	20M	2674.8	3298	Band 4	20M	2132.5	2175	/	/	/	/	23.03	23.16	24.00
	Band 7	20M	2560	21350	QPSK	1	99	Band 7	20M	2660.2	3152	Band 4	20M	2132.5	2175	/	/	/	/	23.05	23.21	24.00
CA_5A-7C	Band 7	20M	2510	20850	QPSK	1	99	Band 7	20M	2649.8	3048	Band 5	10M	881.5	2525	/	/	/	/	23.16	23.34	24.00
	Band 7	20M	2535	21100	QPSK	1	99	Band 7	20M	2674.8	3298	Band 5	10M	881.5	2525	/	/	/	/	23.04	23.16	24.00
	Band 7	20M	2560	21350	QPSK	1	99	Band 7	20M	2660.2	3152	Band 5	10M	881.5	2525	/	/	/	/	23.06	23.21	24.00
CA_5A-66C	Band 66	20M	1720	132072	QPSK	1	99	Band 66	20M	2139.8	66734	Band 5	10M	881.5	2525	/	/	/	/	23.87	23.99	24.50
	Band 66	20M	1745	132322	QPSK	1	50	Band 66	20M	2174.8	67084	Band 5	10M	881.5	2525	/	/	/	/	23.88	24.02	24.50
	Band 66	20M	1770	132572	QPSK	1	50	Band 66	20M	2170.2	67038	Band 5	10M	881.5	2525	/	/	/	/	23.84	24.01	24.50
CA_41D	Band 41	20M	2506	39750	QPSK	1	0	Band 41	20M	2525.8	39948	Band 41	20M	2545.6	40146	/	/	/	/	23.98	24.09	25.00
	Band 41	20M	2549.5	40185	QPSK	1	50	Band 41	20M	2569.3	40383	Band 41	20M	2589.1	40581	/	/	/	/	23.93	24.12	25.00
	Band 41	20M	2593	40620	QPSK	1	99	Band 41	20M	2612.8	40818	Band 41	20M	2632.6	41016	/	/	/	/	24.10	24.22	25.00
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 41	20M	2656.3	41253	Band 41	20M	2676.1	41451	/	/	/	/	24.11	24.27	25.00

	Band 41	20M	2680	41490	QPSK	1	50	Band 41	20M	2660.2	41292	Band 41	20M	2640.4	41094	/	/	/	/	24.16	24.31	25.00
CA_7C-66A-66A	Band 7	20M	2535	21100	QPSK	1	99	Band 7	20M	2674.8	3298	Band 66	20M	2155	66886	Band 66	20M	2190	67236	23.05	23.16	24.00

DL LTE CA Class (DSI 4/7)	PCC								SCC1				SCC2				SCC3				Power		
	LTE Band	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	DL LTE CA Tx.Power	LTE Rel 8 Tx.Power	Tune-up	
CA_7C	Band 7	20M	2510	20850	QPSK	1	99	Band 7	20M	2649.8	3048	/	/	/	/	/	/	/	/	21.46	21.61	22.50	
	Band 7	20M	2535	21100	QPSK	1	99	Band 7	20M	2674.8	3298	/	/	/	/	/	/	/	/	21.57	21.72	22.50	
	Band 7	20M	2560	21350	QPSK	1	99	Band 7	20M	2660.2	3152	/	/	/	/	/	/	/	/	21.57	21.75	22.50	
CA_38C	Band 38	20M	2580	37850	QPSK	1	50	Band 38	20M	2599.8	38048	/	/	/	/	/	/	/	/	23.12	23.32	24.00	
	Band 38	20M	2585.1	37901	QPSK	1	99	Band 38	20M	2604.9	38099	/	/	/	/	/	/	/	/	23.31	23.43	24.00	
	Band 38	20M	2610	38150	QPSK	1	99	Band 38	20M	2590.2	37952	/	/	/	/	/	/	/	/	23.14	23.30	24.00	
CA_41C	Band 41	20M	2506	39750	QPSK	1	0	Band 41	20M	2525.8	39948	/	/	/	/	/	/	/	/	23.52	23.64	24.50	
	Band 41	20M	2549.5	40185	QPSK	1	50	Band 41	20M	2569.3	40383	/	/	/	/	/	/	/	/	23.43	23.55	24.50	
	Band 41	20M	2593	40620	QPSK	1	99	Band 41	20M	2612.8	40818	/	/	/	/	/	/	/	/	23.56	23.71	24.50	
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 41	20M	2656.3	41253	/	/	/	/	/	/	/	/	23.75	23.91	24.50	
CA_66C	Band 41	20M	2680	41490	QPSK	1	50	Band 41	20M	2660.2	41292	/	/	/	/	/	/	/	/	23.49	23.66	24.50	
	Band 66	20M	1720	132072	QPSK	1	99	Band 66	20M	2139.8	66734	/	/	/	/	/	/	/	/	21.70	21.89	22.50	
	Band 66	20M	1745	132322	QPSK	1	50	Band 66	20M	2174.8	67084	/	/	/	/	/	/	/	/	21.77	21.87	22.50	
CA_7B	Band 66	20M	1770	132572	QPSK	1	50	Band 66	20M	2170.2	67038	/	/	/	/	/	/	/	/	21.84	21.97	22.50	
	Band 7	15M	2507.5	20825	QPSK	1	99	Band 7	5M	2631.8	2868	/	/	/	/	/	/	/	/	21.46	21.61	22.50	
	Band 7	15M	2535	21100	QPSK	1	99	Band 7	5M	2664.3	3193	/	/	/	/	/	/	/	/	21.59	21.72	22.50	
CA_2A-2A	Band 7	15M	2562.5	21375	QPSK	1	99	Band 7	5M	2678.2	3332	/	/	/	/	/	/	/	/	21.59	21.75	22.50	
	Band 2	20M	1860	18700	QPSK	1	50	Band 2	5M	1987.5	1175	/	/	/	/	/	/	/	/	20.90	21.06	22.00	
	Band 2	20M	1880	18900	QPSK	1	0	Band 2	5M	1987.5	1175	/	/	/	/	/	/	/	/	20.91	21.09	22.00	
CA_4A-4A	Band 2	20M	1900	19100	QPSK	1	50	Band 2	5M	1932.5	625	/	/	/	/	/	/	/	/	20.81	21.01	22.00	
	Band 4	20M	1720	20050	QPSK	1	0	Band 4	5M	2152.5	2375	/	/	/	/	/	/	/	/	22.22	22.38	23.50	
	Band 4	20M	1732.5	20175	QPSK	1	50	Band 4	5M	2152.5	2375	/	/	/	/	/	/	/	/	22.60	22.72	23.50	
CA_7A-7A	Band 4	20M	1745	20300	QPSK	1	0	Band 4	5M	2112.5	1975	/	/	/	/	/	/	/	/	22.76	22.93	23.50	
	Band 7	20M	2510	20850	QPSK	1	99	Band 7	5M	2687.5	3425	/	/	/	/	/	/	/	/	21.47	21.61	22.50	
	Band 7	20M	2535	21100	QPSK	1	99	Band 7	5M	2687.5	3425	/	/	/	/	/	/	/	/	21.58	21.72	22.50	
CA_41A-41A	Band 7	20M	2560	21350	QPSK	1	99	Band 7	5M	2622.5	2775	/	/	/	/	/	/	/	/	21.61	21.75	22.50	
	Band 41	20M	2506	39750	QPSK	1	0	Band 41	5M	2687.5	41565	/	/	/	/	/	/	/	/	23.52	23.64	24.50	
	Band 41	20M	2549.5	40185	QPSK	1	50	Band 41	5M	2687.5	41565	/	/	/	/	/	/	/	/	23.39	23.55	24.50	
	Band 41	20M	2593	40620	QPSK	1	99	Band 41	5M	2687.5	41565	/	/	/	/	/	/	/	/	23.59	23.71	24.50	
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 41	5M	2498.5	39675	/	/	/	/	/	/	/	/	23.76	23.91	24.50	
CA_66A-66A	Band 41	20M	2680	41490	QPSK	1	50	Band 41	5M	2498.5	39675	/	/	/	/	/	/	/	/	23.54	23.66	24.50	
	Band 66	20M	1720	132072	QPSK	1	99	Band 66	5M	2197.5	67311	/	/	/	/	/	/	/	/	21.76	21.89	22.50	
	Band 66	20M	1745	132322	QPSK	1	50	Band 66	5M	2197.5	67311	/	/	/	/	/	/	/	/	21.70	21.87	22.50	
CA_2A-4A	Band 66	20M	1770	132572	QPSK	1	50	Band 66	5M	2112.5	66461	/	/	/	/	/	/	/	/	21.77	21.97	22.50	
	Band 2	20M	1860	18700	QPSK	1	50	Band 4	20M	2132.5	2175	/	/	/	/	/	/	/	/	20.95	21.06	22.00	
	Band 2	20M	1880	18900	QPSK	1	0	Band 4	20M	2132.5	2175	/	/	/	/	/	/	/	/	20.98	21.09	22.00	
	Band 2	20M	1900	19100	QPSK	1	50	Band 4	20M	2132.5	2175	/	/	/	/	/	/	/	/	20.90	21.01	22.00	

	Band 4	20M	1720	20050	QPSK	1	0	Band 2	20M	1960	900	/	/	/	/	/	/	/	/	22.20	22.38	23.50
	Band 4	20M	1732.5	20175	QPSK	1	50	Band 2	20M	1960	900	/	/	/	/	/	/	/	/	22.61	22.72	23.50
	Band 4	20M	1745	20300	QPSK	1	0	Band 2	20M	1960	900	/	/	/	/	/	/	/	/	22.82	22.93	23.50
CA_2A-5A	Band 2	20M	1860	18700	QPSK	1	50	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	20.87	21.06	22.00
	Band 2	20M	1880	18900	QPSK	1	0	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	20.95	21.09	22.00
	Band 2	20M	1900	19100	QPSK	1	50	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	20.83	21.01	22.00
CA_2A-7A	Band 2	20M	1860	18700	QPSK	1	50	Band 7	20M	2655	3100	/	/	/	/	/	/	/	/	20.93	21.06	22.00
	Band 2	20M	1880	18900	QPSK	1	0	Band 7	20M	2655	3100	/	/	/	/	/	/	/	/	20.90	21.09	22.00
	Band 2	20M	1900	19100	QPSK	1	50	Band 7	20M	2655	3100	/	/	/	/	/	/	/	/	20.89	21.01	22.00
	Band 7	20M	2510	20850	QPSK	1	99	Band 2	20M	1960	900	/	/	/	/	/	/	/	/	21.48	21.61	22.50
	Band 7	20M	2535	21100	QPSK	1	99	Band 2	20M	1960	900	/	/	/	/	/	/	/	/	21.53	21.72	22.50
CA_2A-66A	Band 2	20M	1860	18700	QPSK	1	50	Band 66	20M	2155	66886	/	/	/	/	/	/	/	/	20.94	21.06	22.00
	Band 2	20M	1880	18900	QPSK	1	0	Band 66	20M	2155	66886	/	/	/	/	/	/	/	/	20.99	21.09	22.00
	Band 2	20M	1900	19100	QPSK	1	50	Band 66	20M	2155	66886	/	/	/	/	/	/	/	/	20.81	21.01	22.00
	Band 66	20M	1720	132072	QPSK	1	99	Band 2	20M	1960	900	/	/	/	/	/	/	/	/	21.76	21.89	22.50
	Band 66	20M	1745	132322	QPSK	1	50	Band 2	20M	1960	900	/	/	/	/	/	/	/	/	21.69	21.87	22.50
	Band 66	20M	1770	132572	QPSK	1	50	Band 2	20M	1960	900	/	/	/	/	/	/	/	/	21.79	21.97	22.50
CA_4A-5A	Band 4	20M	1720	20050	QPSK	1	0	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	22.26	22.38	23.50
	Band 4	20M	1732.5	20175	QPSK	1	50	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	22.55	22.72	23.50
	Band 4	20M	1745	20300	QPSK	1	0	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	22.78	22.93	23.50
CA_4A-7A	Band 4	20M	1720	20050	QPSK	1	0	Band 7	20M	2655	3100	/	/	/	/	/	/	/	/	22.19	22.38	23.50
	Band 4	20M	1732.5	20175	QPSK	1	50	Band 7	20M	2655	3100	/	/	/	/	/	/	/	/	22.60	22.72	23.50
	Band 4	20M	1745	20300	QPSK	1	0	Band 7	20M	2655	3100	/	/	/	/	/	/	/	/	22.75	22.93	23.50
	Band 7	20M	2510	20850	QPSK	1	99	Band 4	20M	2132.5	2175	/	/	/	/	/	/	/	/	21.42	21.61	22.50
	Band 7	20M	2535	21100	QPSK	1	99	Band 4	20M	2132.5	2175	/	/	/	/	/	/	/	/	21.59	21.72	22.50
	Band 7	20M	2560	21350	QPSK	1	99	Band 4	20M	2132.5	2175	/	/	/	/	/	/	/	/	21.55	21.75	22.50
CA_5A-7A	Band 7	20M	2510	20850	QPSK	1	99	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	21.50	21.61	22.50
	Band 7	20M	2535	21100	QPSK	1	99	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	21.56	21.72	22.50
	Band 7	20M	2560	21350	QPSK	1	99	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	21.59	21.75	22.50
CA_5A-38A	Band 38	20M	2580	37850	QPSK	1	50	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	23.18	23.32	24.00
	Band 38	20M	2595	38000	QPSK	1	99	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	23.32	23.43	24.00
	Band 38	20M	2610	38150	QPSK	1	99	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	23.20	23.30	24.00
CA_5A-41A	Band 41	20M	2506	39750	QPSK	1	0	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	23.45	23.64	24.50
	Band 41	20M	2549.5	40185	QPSK	1	50	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	23.40	23.55	24.50
	Band 41	20M	2593	40620	QPSK	1	99	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	23.53	23.71	24.50
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	23.79	23.91	24.50
	Band 41	20M	2680	41490	QPSK	1	50	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	23.54	23.66	24.50
CA_5A-66A	Band 66	20M	1720	132072	QPSK	1	99	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	21.77	21.89	22.50
	Band 66	20M	1745	132322	QPSK	1	50	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	21.70	21.87	22.50
	Band 66	20M	1770	132572	QPSK	1	50	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	21.87	21.97	22.50
CA_7A-26A	Band 7	20M	2510	20850	QPSK	1	99	Band 26	15M	876.5	8865	/	/	/	/	/	/	/	/	21.46	21.61	22.50
	Band 7	20M	2535	21100	QPSK	1	99	Band 26	15M	876.5	8865	/	/	/	/	/	/	/	/	21.56	21.72	22.50
	Band 7	20M	2560	21350	QPSK	1	99	Band 26	15M	876.5	8865	/	/	/	/	/	/	/	/	21.60	21.75	22.50
CA_7A-66A	Band 7	20M	2510	20850	QPSK	1	99	Band 66	20M	2155	66886	/	/	/	/	/	/	/	/	21.49	21.61	22.50

	Band 7	20M	2535	21100	QPSK	1	99	Band 66	20M	2155	66886	/	/	/	/	/	/	/	/	21.60	21.72	22.50
	Band 7	20M	2560	21350	QPSK	1	99	Band 66	20M	2155	66886	/	/	/	/	/	/	/	/	21.58	21.75	22.50
	Band 66	20M	1720	132072	QPSK	1	99	Band 7	20M	2655	3100	/	/	/	/	/	/	/	/	21.74	21.89	22.50
	Band 66	20M	1745	132322	QPSK	1	50	Band 7	20M	2655	3100	/	/	/	/	/	/	/	/	21.74	21.87	22.50
	Band 66	20M	1770	132572	QPSK	1	50	Band 7	20M	2655	3100	/	/	/	/	/	/	/	/	21.77	21.97	22.50
CA_26A-41A	Band 41	20M	2506	39750	QPSK	1	0	Band 26	15M	876.5	8865	/	/	/	/	/	/	/	/	23.54	23.64	24.50
	Band 41	20M	2549.5	40185	QPSK	1	50	Band 26	15M	876.5	8865	/	/	/	/	/	/	/	/	23.41	23.55	24.50
	Band 41	20M	2593	40620	QPSK	1	99	Band 26	15M	876.5	8865	/	/	/	/	/	/	/	/	23.60	23.71	24.50
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 26	15M	876.5	8865	/	/	/	/	/	/	/	/	23.75	23.91	24.50
	Band 41	20M	2680	41490	QPSK	1	50	Band 26	15M	876.5	8865	/	/	/	/	/	/	/	/	23.53	23.66	24.50
CA_2A-4A-5A	Band 2	20M	1880	18900	QPSK	1	0	Band 4	20M	2132.5	2175	Band 5	10M	881.5	2525	/	/	/	/	20.93	21.09	22.00
	Band 4	20M	1732.5	20175	QPSK	1	50	Band 5	10M	881.5	2525	Band 2	20M	1960	900	/	/	/	/	22.52	22.72	23.50
CA_2A-4A-7A	Band 2	20M	1880	18900	QPSK	1	0	Band 4	20M	2132.5	2175	Band 7	20M	2655	3100	/	/	/	/	20.92	21.09	22.00
	Band 4	20M	1732.5	20175	QPSK	1	50	Band 7	20M	2655	3100	Band 2	20M	1960	900	/	/	/	/	22.54	22.72	23.50
	Band 7	20M	2535	21100	QPSK	1	99	Band 2	20M	1960	900	Band 4	20M	2132.5	2175	/	/	/	/	21.61	21.72	22.50
CA_2A-5A-7A	Band 2	20M	1880	18900	QPSK	1	0	Band 5	10M	881.5	2525	Band 7	20M	2655	3100	/	/	/	/	20.91	21.09	22.00
	Band 4	20M	1732.5	20175	QPSK	1	50	Band 7	20M	2655	3100	Band 5	10M	881.5	2525	/	/	/	/	22.52	22.72	23.50
CA_2A-5A-66A	Band 2	20M	1880	18900	QPSK	1	0	Band 5	10M	881.5	2525	Band 66	20M	2155	66886	/	/	/	/	20.89	21.09	22.00
	Band 66	20M	1745	132322	QPSK	1	50	Band 2	20M	1960	900	Band 5	10M	881.5	2525	/	/	/	/	21.69	21.87	22.50
CA_2A-7A-7A	Band 2	20M	1860	18700	QPSK	1	50	Band 7	20M	2655	3100	Band 7	5M	2687.5	3425	/	/	/	/	20.88	21.06	22.00
	Band 2	20M	1880	18900	QPSK	1	0	Band 7	20M	2655	3100	Band 7	5M	2687.5	3425	/	/	/	/	20.92	21.09	22.00
	Band 2	20M	1900	19100	QPSK	1	50	Band 7	20M	2655	3100	Band 7	5M	2687.5	3425	/	/	/	/	20.86	21.01	22.00
	Band 7	20M	2510	20850	QPSK	1	99	Band 7	5M	2687.5	3425	Band 2	20M	1960	900	/	/	/	/	21.51	21.61	22.50
	Band 7	20M	2535	21100	QPSK	1	99	Band 7	5M	2687.5	3425	Band 2	20M	1960	900	/	/	/	/	21.56	21.72	22.50
	Band 7	20M	2560	21350	QPSK	1	99	Band 7	5M	2622.5	2775	Band 2	20M	1960	900	/	/	/	/	21.64	21.75	22.50
CA_2A-7A-66A	Band 2	20M	1880	18900	QPSK	1	0	Band 7	20M	2655	3100	Band 66	20M	2155	66886	/	/	/	/	20.93	21.09	22.00
	Band 7	20M	2535	21100	QPSK	1	99	Band 66	20M	2155	66886	Band 2	20M	1960	900	/	/	/	/	21.58	21.72	22.50
	Band 66	20M	1745	132322	QPSK	1	50	Band 2	20M	1960	900	Band 7	20M	2655	3100	/	/	/	/	21.77	21.87	22.50
CA_4A-4A-5A	Band 4	20M	1720	20050	QPSK	1	0	Band 4	5M	2152.5	2375	Band 5	10M	881.5	2525	/	/	/	/	22.18	22.38	23.50
	Band 4	20M	1732.5	20175	QPSK	1	50	Band 4	5M	2152.5	2375	Band 5	10M	881.5	2525	/	/	/	/	22.61	22.72	23.50
	Band 4	20M	1745	20300	QPSK	1	0	Band 4	5M	2112.5	1975	Band 5	10M	881.5	2525	/	/	/	/	22.75	22.93	23.50
CA_4A-4A-7A	Band 4	20M	1720	20050	QPSK	1	0	Band 4	5M	2152.5	2375	Band 7	20M	2655	3100	/	/	/	/	22.26	22.38	23.50
	Band 4	20M	1732.5	20175	QPSK	1	50	Band 4	5M	2152.5	2375	Band 7	20M	2655	3100	/	/	/	/	22.60	22.72	23.50
	Band 4	20M	1745	20300	QPSK	1	0	Band 4	5M	2112.5	1975	Band 7	20M	2655	3100	/	/	/	/	22.77	22.93	23.50
	Band 7	20M	2510	20850	QPSK	1	99	Band 4	20M	2132.5	2175	Band 4	5M	2152.5	2375	/	/	/	/	21.46	21.61	22.50
	Band 7	20M	2535	21100	QPSK	1	99	Band 4	20M	2132.5	2175	Band 4	5M	2152.5	2375	/	/	/	/	21.58	21.72	22.50
	Band 7	20M	2560	21350	QPSK	1	99	Band 4	20M	2132.5	2175	Band 4	5M	2152.5	2375	/	/	/	/	21.58	21.75	22.50
CA_5A-7A-66A	Band 7	20M	2535	21100	QPSK	1	99	Band 66	20M	2155	66886	Band 5	10M	881.5	2525	/	/	/	/	21.57	21.72	22.50
	Band 66	20M	1745	132322	QPSK	1	50	Band 5	10M	881.5	2525	Band 7	20M	2655	3100	/	/	/	/	21.75	21.87	22.50
CA_5A-66A-66A	Band 66	20M	1720	132072	QPSK	1	99	Band 66	5M	2197.5	67311	Band 5	10M	881.5	2525	/	/	/	/	21.76	21.89	22.50
	Band 66	20M	1745	132322	QPSK	1	50	Band 66	5M	2197.5	67311	Band 5	10M	881.5	2525	/	/	/	/	21.72	21.87	22.50
	Band 66	20M	1770	132572	QPSK	1	50	Band 66	5M	2112.5	66461	Band 5	10M	881.5	2525	/	/	/	/	21.81	21.97	22.50
CA_7A-66A-66A	Band 7	20M	2510	20850	QPSK	1	99	Band 66	20M	2155	66886	Band 66	5M	2197.5	67311	/	/	/	/	21.51	21.61	22.50
	Band 7	20M	2535	21100	QPSK	1	99	Band 66	20M	2155	66886	Band 66	5M	2197.5	67311	/	/	/	/	21.62	21.72	22.50
	Band 7	20M	2560	21350	QPSK	1	99	Band 66	20M	2155	66886	Band 66	5M	2197.5	67311	/	/	/	/	21.61	21.75	22.50

	Band 66	20M	1720	132072	QPSK	1	99	Band 66	5M	2197.5	67311	Band 5	10M	881.5	2525	/	/	/	/	21.69	21.89	22.50
	Band 66	20M	1745	132322	QPSK	1	50	Band 66	5M	2197.5	67311	Band 5	10M	881.5	2525	/	/	/	/	21.73	21.87	22.50
	Band 66	20M	1770	132572	QPSK	1	50	Band 66	5M	2112.5	66461	Band 5	10M	881.5	2525	/	/	/	/	21.79	21.97	22.50
CA_2A-7C	Band 2	20M	1860	18700	QPSK	1	50	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	/	/	/	/	20.88	21.06	22.00
	Band 2	20M	1880	18900	QPSK	1	0	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	/	/	/	/	20.93	21.09	22.00
	Band 2	20M	1900	19100	QPSK	1	50	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	/	/	/	/	20.84	21.01	22.00
	Band 7	20M	2510	20850	QPSK	1	99	Band 7	20M	2649.8	3048	Band 2	20M	1960	900	/	/	/	/	21.47	21.61	22.50
	Band 7	20M	2535	21100	QPSK	1	99	Band 7	20M	2674.8	3298	Band 2	20M	1960	900	/	/	/	/	21.58	21.72	22.50
	Band 7	20M	2560	21350	QPSK	1	99	Band 7	20M	2660.2	3152	Band 2	20M	1960	900	/	/	/	/	21.57	21.75	22.50
CA_4A-7C	Band 4	20M	1720	20050	QPSK	1	0	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	/	/	/	/	22.26	22.38	23.50
	Band 4	20M	1732.5	20175	QPSK	1	50	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	/	/	/	/	22.58	22.72	23.50
	Band 4	20M	1745	20300	QPSK	1	0	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	/	/	/	/	22.76	22.93	23.50
	Band 7	20M	2510	20850	QPSK	1	99	Band 7	20M	2649.8	3048	Band 4	20M	2132.5	2175	/	/	/	/	21.49	21.61	22.50
	Band 7	20M	2535	21100	QPSK	1	99	Band 7	20M	2674.8	3298	Band 4	20M	2132.5	2175	/	/	/	/	21.59	21.72	22.50
	Band 7	20M	2560	21350	QPSK	1	99	Band 7	20M	2660.2	3152	Band 4	20M	2132.5	2175	/	/	/	/	21.64	21.75	22.50
CA_5A-7C	Band 7	20M	2510	20850	QPSK	1	99	Band 7	20M	2649.8	3048	Band 5	10M	881.5	2525	/	/	/	/	21.49	21.61	22.50
	Band 7	20M	2535	21100	QPSK	1	99	Band 7	20M	2674.8	3298	Band 5	10M	881.5	2525	/	/	/	/	21.55	21.72	22.50
	Band 7	20M	2560	21350	QPSK	1	99	Band 7	20M	2660.2	3152	Band 5	10M	881.5	2525	/	/	/	/	21.60	21.75	22.50
CA_5A-66C	Band 66	20M	1720	132072	QPSK	1	99	Band 66	20M	2139.8	66734	Band 5	10M	881.5	2525	/	/	/	/	21.69	21.89	22.50
	Band 66	20M	1745	132322	QPSK	1	50	Band 66	20M	2174.8	67084	Band 5	10M	881.5	2525	/	/	/	/	21.73	21.87	22.50
	Band 66	20M	1770	132572	QPSK	1	50	Band 66	20M	2170.2	67038	Band 5	10M	881.5	2525	/	/	/	/	21.77	21.97	22.50
CA_41D	Band 41	20M	2506	39750	QPSK	1	0	Band 41	20M	2525.8	39948	Band 41	20M	2545.6	40146	/	/	/	/	23.50	23.64	24.50
	Band 41	20M	2549.5	40185	QPSK	1	50	Band 41	20M	2569.3	40383	Band 41	20M	2589.1	40581	/	/	/	/	23.41	23.55	24.50
	Band 41	20M	2593	40620	QPSK	1	99	Band 41	20M	2612.8	40818	Band 41	20M	2632.6	41016	/	/	/	/	23.58	23.71	24.50
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 41	20M	2656.3	41253	Band 41	20M	2676.1	41451	/	/	/	/	23.72	23.91	24.50
	Band 41	20M	2680	41490	QPSK	1	50	Band 41	20M	2660.2	41292	Band 41	20M	2640.4	41094	/	/	/	/	23.47	23.66	24.50
CA_7C-66A-66A	Band 7	20M	2535	21100	QPSK	1	99	Band 7	20M	2674.8	3298	Band 66	20M	2155	66886	Band 66	20M	2190	67236	21.62	21.72	22.50



DL LTE CA Class (DSI 5/6)	PCC							SCC1				SCC2				SCC3				Power		
	LTE Band	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL # RB	UL RB Offset	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	DL LTE CA Tx. Power	LTE Rel 8 Tx. Power	Tune-up
CA_7C	Band 7	20M	2510	20850	QPSK	1	99	Band 7	20M	2649.8	3048	/	/	/	/	/	/	/	/	20.07	20.26	21.00
	Band 7	20M	2535	21100	QPSK	1	99	Band 7	20M	2674.8	3298	/	/	/	/	/	/	/	/	19.83	20.00	21.00
	Band 7	20M	2560	21350	QPSK	1	99	Band 7	20M	2660.2	3152	/	/	/	/	/	/	/	/	20.06	20.26	21.00
CA_38C	Band 38	20M	2580	37850	QPSK	1	50	Band 38	20M	2599.8	38048	/	/	/	/	/	/	/	/	21.54	21.66	22.50
	Band 38	20M	2585.1	37901	QPSK	1	99	Band 38	20M	2604.9	38099	/	/	/	/	/	/	/	/	21.70	21.86	22.50
	Band 38	20M	2610	38150	QPSK	1	99	Band 38	20M	2590.2	37952	/	/	/	/	/	/	/	/	21.70	21.84	22.50
CA_41C	Band 41	20M	2506	39750	QPSK	1	0	Band 41	20M	2525.8	39948	/	/	/	/	/	/	/	/	22.03	22.21	23.00
	Band 41	20M	2549.5	40185	QPSK	1	50	Band 41	20M	2569.3	40383	/	/	/	/	/	/	/	/	21.94	22.11	23.00
	Band 41	20M	2593	40620	QPSK	1	99	Band 41	20M	2612.8	40818	/	/	/	/	/	/	/	/	22.18	22.32	23.00
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 41	20M	2656.3	41253	/	/	/	/	/	/	/	/	22.16	22.31	23.00
	Band 41	20M	2680	41490	QPSK	1	50	Band 41	20M	2660.2	41292	/	/	/	/	/	/	/	/	22.07	22.21	23.00
CA_66C	Band 66	20M	1720	132072	QPSK	1	99	Band 66	20M	2139.8	66734	/	/	/	/	/	/	/	/	19.22	19.34	20.00
	Band 66	20M	1745	132322	QPSK	1	50	Band 66	20M	2174.8	67084	/	/	/	/	/	/	/	/	19.14	19.30	20.00
	Band 66	20M	1770	132572	QPSK	1	50	Band 66	20M	2170.2	67038	/	/	/	/	/	/	/	/	19.12	19.25	20.00
CA_7B	Band 7	15M	2507.5	20825	QPSK	1	99	Band 7	5M	2631.8	2868	/	/	/	/	/	/	/	/	20.12	20.26	21.00
	Band 7	15M	2535	21100	QPSK	1	99	Band 7	5M	2664.3	3193	/	/	/	/	/	/	/	/	19.87	20.00	21.00
	Band 7	15M	2562.5	21375	QPSK	1	99	Band 7	5M	2678.2	3332	/	/	/	/	/	/	/	/	20.16	20.26	21.00
CA_2A-2A	Band 2	20M	1860	18700	QPSK	1	50	Band 2	5M	1987.5	1175	/	/	/	/	/	/	/	/	19.34	19.51	20.50
	Band 2	20M	1880	18900	QPSK	1	0	Band 2	5M	1987.5	1175	/	/	/	/	/	/	/	/	19.64	19.80	20.50
	Band 2	20M	1900	19100	QPSK	1	50	Band 2	5M	1932.5	625	/	/	/	/	/	/	/	/	19.44	19.60	20.50
CA_4A-4A	Band 4	20M	1720	20050	QPSK	1	0	Band 4	5M	2152.5	2375	/	/	/	/	/	/	/	/	19.23	19.34	20.00
	Band 4	20M	1732.5	20175	QPSK	1	50	Band 4	5M	2152.5	2375	/	/	/	/	/	/	/	/	19.17	19.32	20.00
	Band 4	20M	1745	20300	QPSK	1	0	Band 4	5M	2112.5	1975	/	/	/	/	/	/	/	/	19.09	19.20	20.00
CA_7A-7A	Band 7	20M	2510	20850	QPSK	1	99	Band 7	5M	2687.5	3425	/	/	/	/	/	/	/	/	20.14	20.26	21.00
	Band 7	20M	2535	21100	QPSK	1	99	Band 7	5M	2687.5	3425	/	/	/	/	/	/	/	/	19.89	20.00	21.00
	Band 7	20M	2560	21350	QPSK	1	99	Band 7	5M	2622.5	2775	/	/	/	/	/	/	/	/	20.09	20.26	21.00
CA_41A-41A	Band 41	20M	2506	39750	QPSK	1	0	Band 41	5M	2687.5	41565	/	/	/	/	/	/	/	/	22.03	22.21	23.00
	Band 41	20M	2549.5	40185	QPSK	1	50	Band 41	5M	2687.5	41565	/	/	/	/	/	/	/	/	21.92	22.11	23.00
	Band 41	20M	2593	40620	QPSK	1	99	Band 41	5M	2687.5	41565	/	/	/	/	/	/	/	/	22.16	22.32	23.00
	Band 41	20M	2636.5	41055	QPSK	1	0	Band 41	5M	2498.5	39675	/	/	/	/	/	/	/	/	22.18	22.31	23.00
	Band 41	20M	2680	41490	QPSK	1	50	Band 41	5M	2498.5	39675	/	/	/	/	/	/	/	/	22.11	22.21	23.00
CA_66A-66A	Band 66	20M	1720	132072	QPSK	1	99	Band 66	5M	2197.5	67311	/	/	/	/	/	/	/	/	19.21	19.34	20.00
	Band 66	20M	1745	132322	QPSK	1	50	Band 66	5M	2197.5	67311	/	/	/	/	/	/	/	/	19.14	19.30	20.00
	Band 66	20M	1770	132572	QPSK	1	50	Band 66	5M	2112.5	66461	/	/	/	/	/	/	/	/	19.09	19.25	20.00
CA_2A-4A	Band 2	20M	1860	18700	QPSK	1	50	Band 4	20M	2132.5	2175	/	/	/	/	/	/	/	/	19.33	19.51	20.50
	Band 2	20M	1880	18900	QPSK	1	0	Band 4	20M	2132.5	2175	/	/	/	/	/	/	/	/	19.68	19.80	20.50
	Band 2	20M	1900	19100	QPSK	1	50	Band 4	20M	2132.5	2175	/	/	/	/	/	/	/	/	19.46	19.60	20.50
	Band 4	20M	1720	20050	QPSK	1	0	Band 2	20M	1960	900	/	/	/	/	/	/	/	/	19.14	19.34	20.00
	Band 4	20M	1732.5	20175	QPSK	1	50	Band 2	20M	1960	900	/	/	/	/	/	/	/	/	19.22	19.32	20.00
	Band 4	20M	1745	20300	QPSK	1	0	Band 2	20M	1960	900	/	/	/	/	/	/	/	/	19.00	19.20	20.00
CA_2A-5A	Band 2	20M	1860	18700	QPSK	1	50	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	19.37	19.51	20.50
	Band 2	20M	1880	18900	QPSK	1	0	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	19.61	19.80	20.50



	Band 2	20M	1900	19100	QPS K	1	50	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	19.46	19.60	20.50
CA_2A-7A	Band 2	20M	1860	18700	QPS K	1	50	Band 7	20M	2655	3100	/	/	/	/	/	/	/	/	19.41	19.51	20.50
	Band 2	20M	1880	18900	QPS K	1	0	Band 7	20M	2655	3100	/	/	/	/	/	/	/	/	19.68	19.80	20.50
	Band 2	20M	1900	19100	QPS K	1	50	Band 7	20M	2655	3100	/	/	/	/	/	/	/	/	19.42	19.60	20.50
	Band 7	20M	2510	20850	QPS K	1	99	Band 2	20M	1960	900	/	/	/	/	/	/	/	/	20.09	20.26	21.00
	Band 7	20M	2535	21100	QPS K	1	99	Band 2	20M	1960	900	/	/	/	/	/	/	/	/	19.86	20.00	21.00
	Band 7	20M	2560	21350	QPS K	1	99	Band 2	20M	1960	900	/	/	/	/	/	/	/	/	20.08	20.26	21.00
CA_2A-66A	Band 2	20M	1860	18700	QPS K	1	50	Band 66	20M	2155	66886	/	/	/	/	/	/	/	/	19.36	19.51	20.50
	Band 2	20M	1880	18900	QPS K	1	0	Band 66	20M	2155	66886	/	/	/	/	/	/	/	/	19.70	19.80	20.50
	Band 2	20M	1900	19100	QPS K	1	50	Band 66	20M	2155	66886	/	/	/	/	/	/	/	/	19.41	19.60	20.50
	Band 66	20M	1720	132072	QPS K	1	99	Band 2	20M	1960	900	/	/	/	/	/	/	/	/	19.22	19.34	20.00
	Band 66	20M	1745	132322	QPS K	1	50	Band 2	20M	1960	900	/	/	/	/	/	/	/	/	19.19	19.30	20.00
	Band 66	20M	1770	132572	QPS K	1	50	Band 2	20M	1960	900	/	/	/	/	/	/	/	/	19.06	19.25	20.00
CA_4A-5A	Band 4	20M	1720	20050	QPS K	1	0	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	19.24	19.34	20.00
	Band 4	20M	1732.5	20175	QPS K	1	50	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	19.21	19.32	20.00
	Band 4	20M	1745	20300	QPS K	1	0	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	19.08	19.20	20.00
CA_4A-7A	Band 4	20M	1720	20050	QPS K	1	0	Band 7	20M	2655	3100	/	/	/	/	/	/	/	/	19.18	19.34	20.00
	Band 4	20M	1732.5	20175	QPS K	1	50	Band 7	20M	2655	3100	/	/	/	/	/	/	/	/	19.14	19.32	20.00
	Band 4	20M	1745	20300	QPS K	1	0	Band 7	20M	2655	3100	/	/	/	/	/	/	/	/	19.06	19.20	20.00
	Band 7	20M	2510	20850	QPS K	1	99	Band 4	20M	2132.5	2175	/	/	/	/	/	/	/	/	20.16	20.26	21.00
	Band 7	20M	2535	21100	QPS K	1	99	Band 4	20M	2132.5	2175	/	/	/	/	/	/	/	/	19.84	20.00	21.00
	Band 7	20M	2560	21350	QPS K	1	99	Band 4	20M	2132.5	2175	/	/	/	/	/	/	/	/	20.16	20.26	21.00
CA_5A-7A	Band 7	20M	2510	20850	QPS K	1	99	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	20.07	20.26	21.00
	Band 7	20M	2535	21100	QPS K	1	99	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	19.81	20.00	21.00
	Band 7	20M	2560	21350	QPS K	1	99	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	20.06	20.26	21.00
CA_5A-38A	Band 38	20M	2580	37850	QPS K	1	50	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	21.55	21.66	22.50
	Band 38	20M	2595	38000	QPS K	1	99	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	21.76	21.86	22.50
	Band 38	20M	2610	38150	QPS K	1	99	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	21.65	21.84	22.50
CA_5A-41A	Band 41	20M	2506	39750	QPS K	1	0	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	22.04	22.21	23.00
	Band 41	20M	2549.5	40185	QPS K	1	50	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	22.00	22.11	23.00
	Band 41	20M	2593	40620	QPS K	1	99	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	22.20	22.32	23.00
	Band 41	20M	2636.5	41055	QPS K	1	0	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	22.20	22.31	23.00
	Band 41	20M	2680	41490	QPS K	1	50	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	22.11	22.21	23.00
CA_5A-66A	Band 66	20M	1720	132072	QPS K	1	99	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	19.16	19.34	20.00
	Band 66	20M	1745	132322	QPS K	1	50	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	19.11	19.30	20.00
	Band 66	20M	1770	132572	QPS K	1	50	Band 5	10M	881.5	2525	/	/	/	/	/	/	/	/	19.14	19.25	20.00
CA_7A-26A	Band 7	20M	2510	20850	QPS K	1	99	Band 26	15M	876.5	8865	/	/	/	/	/	/	/	/	20.08	20.26	21.00
	Band 7	20M	2535	21100	QPS K	1	99	Band 26	15M	876.5	8865	/	/	/	/	/	/	/	/	19.86	20.00	21.00
	Band 7	20M	2560	21350	QPS K	1	99	Band 26	15M	876.5	8865	/	/	/	/	/	/	/	/	20.10	20.26	21.00
CA_7A-66A	Band 7	20M	2510	20850	QPS K	1	99	Band 66	20M	2155	66886	/	/	/	/	/	/	/	/	20.06	20.26	21.00
	Band 7	20M	2535	21100	QPS K	1	99	Band 66	20M	2155	66886	/	/	/	/	/	/	/	/	19.85	20.00	21.00
	Band 7	20M	2560	21350	QPS K	1	99	Band 66	20M	2155	66886	/	/	/	/	/	/	/	/	20.06	20.26	21.00
	Band 66	20M	1720	132072	QPS K	1	99	Band 7	20M	2655	3100	/	/	/	/	/	/	/	/	19.15	19.34	20.00
	Band 66	20M	1745	132322	QPS K	1	50	Band 7	20M	2655	3100	/	/	/	/	/	/	/	/	19.16	19.30	20.00
	Band 66	20M	1770	132572	QPS K	1	50	Band 7	20M	2655	3100	/	/	/	/	/	/	/	/	19.11	19.25	20.00

CA_26A-41A	Band 41	20M	2506	39750	QPS K	1	0	Band 26	15M	876.5	8865	/	/	/	/	/	/	/	/	22.04	22.21	23.00	
	Band 41	20M	2549.5	40185	QPS K	1	50	Band 26	15M	876.5	8865	/	/	/	/	/	/	/	/	21.96	22.11	23.00	
	Band 41	20M	2593	40620	QPS K	1	99	Band 26	15M	876.5	8865	/	/	/	/	/	/	/	/	22.18	22.32	23.00	
	Band 41	20M	2636.5	41055	QPS K	1	0	Band 26	15M	876.5	8865	/	/	/	/	/	/	/	/	22.20	22.31	23.00	
	Band 41	20M	2680	41490	QPS K	1	50	Band 26	15M	876.5	8865	/	/	/	/	/	/	/	/	22.11	22.21	23.00	
CA_2A-4A-5A	Band 2	20M	1880	18900	QPS K	1	0	Band 4	20M	2132.5	2175	Band 5	10M	881.5	2525	/	/	/	/	/	19.69	19.80	20.50
	Band 4	20M	1732.5	20175	QPS K	1	50	Band 5	10M	881.5	2525	Band 2	20M	1960	900	/	/	/	/	/	19.16	19.32	20.00
CA_2A-4A-7A	Band 2	20M	1880	18900	QPS K	1	0	Band 4	20M	2132.5	2175	Band 7	20M	2655	3100	/	/	/	/	/	19.64	19.80	20.50
	Band 4	20M	1732.5	20175	QPS K	1	50	Band 7	20M	2655	3100	Band 2	20M	1960	900	/	/	/	/	/	19.17	19.32	20.00
	Band 7	20M	2535	21100	QPS K	1	99	Band 2	20M	1960	900	Band 4	20M	2132.5	2175	/	/	/	/	/	19.81	20.00	21.00
CA_2A-5A-7A	Band 2	20M	1880	18900	QPS K	1	0	Band 5	10M	881.5	2525	Band 7	20M	2655	3100	/	/	/	/	/	19.67	19.80	20.50
	Band 4	20M	1732.5	20175	QPS K	1	50	Band 7	20M	2655	3100	Band 5	10M	881.5	2525	/	/	/	/	/	19.17	19.32	20.00
CA_2A-5A-66A	Band 2	20M	1880	18900	QPS K	1	0	Band 5	10M	881.5	2525	Band 66	20M	2155	66886	/	/	/	/	/	19.65	19.80	20.50
	Band 66	20M	1745	132322	QPS K	1	50	Band 2	20M	1960	900	Band 5	10M	881.5	2525	/	/	/	/	/	19.14	19.30	20.00
CA_2A-7A-7A	Band 2	20M	1860	18700	QPS K	1	50	Band 7	20M	2655	3100	Band 7	5M	2687.5	3425	/	/	/	/	/	19.33	19.51	20.50
	Band 2	20M	1880	18900	QPS K	1	0	Band 7	20M	2655	3100	Band 7	5M	2687.5	3425	/	/	/	/	/	19.67	19.80	20.50
	Band 2	20M	1900	19100	QPS K	1	50	Band 7	20M	2655	3100	Band 7	5M	2687.5	3425	/	/	/	/	/	19.43	19.60	20.50
	Band 7	20M	2510	20850	QPS K	1	99	Band 7	5M	2687.5	3425	Band 2	20M	1960	900	/	/	/	/	/	20.10	20.26	21.00
	Band 7	20M	2535	21100	QPS K	1	99	Band 7	5M	2687.5	3425	Band 2	20M	1960	900	/	/	/	/	/	19.80	20.00	21.00
	Band 7	20M	2560	21350	QPS K	1	99	Band 7	5M	2622.5	2775	Band 2	20M	1960	900	/	/	/	/	/	20.08	20.26	21.00
CA_2A-7A-66A	Band 2	20M	1880	18900	QPS K	1	0	Band 7	20M	2655	3100	Band 66	20M	2155	66886	/	/	/	/	/	19.70	19.80	20.50
	Band 7	20M	2535	21100	QPS K	1	99	Band 66	20M	2155	66886	Band 2	20M	1960	900	/	/	/	/	/	19.80	20.00	21.00
	Band 66	20M	1745	132322	QPS K	1	50	Band 2	20M	1960	900	Band 7	20M	2655	3100	/	/	/	/	/	19.12	19.30	20.00
CA_4A-4A-5A	Band 4	20M	1720	20050	QPS K	1	0	Band 4	5M	2152.5	2375	Band 5	10M	881.5	2525	/	/	/	/	/	19.23	19.34	20.00
	Band 4	20M	1732.5	20175	QPS K	1	50	Band 4	5M	2152.5	2375	Band 5	10M	881.5	2525	/	/	/	/	/	19.18	19.32	20.00
	Band 4	20M	1745	20300	QPS K	1	0	Band 4	5M	2112.5	1975	Band 5	10M	881.5	2525	/	/	/	/	/	19.10	19.20	20.00
CA_4A-4A-7A	Band 4	20M	1720	20050	QPS K	1	0	Band 4	5M	2152.5	2375	Band 7	20M	2655	3100	/	/	/	/	/	19.16	19.34	20.00
	Band 4	20M	1732.5	20175	QPS K	1	50	Band 4	5M	2152.5	2375	Band 7	20M	2655	3100	/	/	/	/	/	19.17	19.32	20.00
	Band 4	20M	1745	20300	QPS K	1	0	Band 4	5M	2112.5	1975	Band 7	20M	2655	3100	/	/	/	/	/	19.07	19.20	20.00
	Band 7	20M	2510	20850	QPS K	1	99	Band 4	20M	2132.5	2175	Band 4	5M	2152.5	2375	/	/	/	/	/	20.08	20.26	21.00
	Band 7	20M	2535	21100	QPS K	1	99	Band 4	20M	2132.5	2175	Band 4	5M	2152.5	2375	/	/	/	/	/	19.89	20.00	21.00
	Band 7	20M	2560	21350	QPS K	1	99	Band 4	20M	2132.5	2175	Band 4	5M	2152.5	2375	/	/	/	/	/	20.11	20.26	21.00
CA_5A-7A-66A	Band 7	20M	2535	21100	QPS K	1	99	Band 66	20M	2155	66886	Band 5	10M	881.5	2525	/	/	/	/	/	19.83	20.00	21.00
	Band 66	20M	1745	132322	QPS K	1	50	Band 5	10M	881.5	2525	Band 7	20M	2655	3100	/	/	/	/	/	19.15	19.30	20.00
CA_5A-66A-66A	Band 66	20M	1720	132072	QPS K	1	99	Band 66	5M	2197.5	67311	Band 5	10M	881.5	2525	/	/	/	/	/	19.18	19.34	20.00
	Band 66	20M	1745	132322	QPS K	1	50	Band 66	5M	2197.5	67311	Band 5	10M	881.5	2525	/	/	/	/	/	19.12	19.30	20.00
	Band 66	20M	1770	132572	QPS K	1	50	Band 66	5M	2112.5	66461	Band 5	10M	881.5	2525	/	/	/	/	/	19.15	19.25	20.00
CA_7A-66A-66A	Band 7	20M	2510	20850	QPS K	1	99	Band 66	20M	2155	66886	Band 66	5M	2197.5	67311	/	/	/	/	/	20.16	20.26	21.00
	Band 7	20M	2535	21100	QPS K	1	99	Band 66	20M	2155	66886	Band 66	5M	2197.5	67311	/	/	/	/	/	19.83	20.00	21.00
	Band 7	20M	2560	21350	QPS K	1	99	Band 66	20M	2155	66886	Band 66	5M	2197.5	67311	/	/	/	/	/	20.14	20.26	21.00
	Band 66	20M	1720	132072	QPS K	1	99	Band 66	5M	2197.5	67311	Band 5	10M	881.5	2525	/	/	/	/	/	19.16	19.34	20.00
	Band 66	20M	1745	132322	QPS K	1	50	Band 66	5M	2197.5	67311	Band 5	10M	881.5	2525	/	/	/	/	/	19.18	19.30	20.00
	Band 66	20M	1770	132572	QPS K	1	50	Band 66	5M	2112.5	66461	Band 5	10M	881.5	2525	/	/	/	/	/	19.05	19.25	20.00
	Band 66	20M	1770	132572	QPS K	1	50	Band 66	5M	2112.5	66461	Band 5	10M	881.5	2525	/	/	/	/	/	19.05	19.25	20.00
CA_2A-7C	Band 2	20M	1860	18700	QPS K	1	50	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	/	/	/	/	/	19.36	19.51	20.50
	Band 2	20M	1880	18900	QPS K	1	0	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	/	/	/	/	/	19.61	19.80	20.50

	Band 2	20M	1900	19100	QPS K	1	50	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	/	/	/	/	19.49	19.60	20.50
	Band 7	20M	2510	20850	QPS K	1	99	Band 7	20M	2649.8	3048	Band 2	20M	1960	900	/	/	/	/	20.16	20.26	21.00
	Band 7	20M	2535	21100	QPS K	1	99	Band 7	20M	2674.8	3298	Band 2	20M	1960	900	/	/	/	/	19.85	20.00	21.00
	Band 7	20M	2560	21350	QPS K	1	99	Band 7	20M	2660.2	3152	Band 2	20M	1960	900	/	/	/	/	20.13	20.26	21.00
CA_4A-7C	Band 4	20M	1720	20050	QPS K	1	0	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	/	/	/	/	19.15	19.34	20.00
	Band 4	20M	1732.5	20175	QPS K	1	50	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	/	/	/	/	19.13	19.32	20.00
	Band 4	20M	1745	20300	QPS K	1	0	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	/	/	/	/	19.07	19.20	20.00
	Band 7	20M	2510	20850	QPS K	1	99	Band 7	20M	2649.8	3048	Band 4	20M	2132.5	2175	/	/	/	/	20.07	20.26	21.00
	Band 7	20M	2535	21100	QPS K	1	99	Band 7	20M	2674.8	3298	Band 4	20M	2132.5	2175	/	/	/	/	19.85	20.00	21.00
	Band 7	20M	2560	21350	QPS K	1	99	Band 7	20M	2660.2	3152	Band 4	20M	2132.5	2175	/	/	/	/	20.06	20.26	21.00
CA_5A-7C	Band 7	20M	2510	20850	QPS K	1	99	Band 7	20M	2649.8	3048	Band 5	10M	881.5	2525	/	/	/	/	20.12	20.26	21.00
	Band 7	20M	2535	21100	QPS K	1	99	Band 7	20M	2674.8	3298	Band 5	10M	881.5	2525	/	/	/	/	19.90	20.00	21.00
	Band 7	20M	2560	21350	QPS K	1	99	Band 7	20M	2660.2	3152	Band 5	10M	881.5	2525	/	/	/	/	20.06	20.26	21.00
CA_5A-66C	Band 66	20M	1720	132072	QPS K	1	99	Band 66	20M	2139.8	66734	Band 5	10M	881.5	2525	/	/	/	/	19.24	19.34	20.00
	Band 66	20M	1745	132322	QPS K	1	50	Band 66	20M	2174.8	67084	Band 5	10M	881.5	2525	/	/	/	/	19.19	19.30	20.00
	Band 66	20M	1770	132572	QPS K	1	50	Band 66	20M	2170.2	67038	Band 5	10M	881.5	2525	/	/	/	/	19.08	19.25	20.00
CA_41D	Band 41	20M	2506	39750	QPS K	1	0	Band 41	20M	2525.8	39948	Band 41	20M	2545.6	40146	/	/	/	/	22.07	22.21	23.00
	Band 41	20M	2549.5	40185	QPS K	1	50	Band 41	20M	2569.3	40383	Band 41	20M	2589.1	40581	/	/	/	/	21.92	22.11	23.00
	Band 41	20M	2593	40620	QPS K	1	99	Band 41	20M	2612.8	40818	Band 41	20M	2632.6	41016	/	/	/	/	22.19	22.32	23.00
	Band 41	20M	2636.5	41055	QPS K	1	0	Band 41	20M	2656.3	41253	Band 41	20M	2676.1	41451	/	/	/	/	22.21	22.31	23.00
	Band 41	20M	2680	41490	QPS K	1	50	Band 41	20M	2660.2	41292	Band 41	20M	2640.4	41094	/	/	/	/	22.07	22.21	23.00
CA_7C-66A-66A	Band 7	20M	2535	21100	QPS K	1	99	Band 7	20M	2674.8	3298	Band 66	20M	2155	66886	Band 66	20M	2190	67236	19.81	20.00	21.00

### 8.4 Conducted Power of LTE Downlink CA (Ant41)

DL LTE CA Class (DSI 2/3/4/5/6/7)	PCC							SCC1				SCC2				SCC3				Power		
	LTE Band	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	DL LTE CA Tx.Power	LTE Rel 8 Tx.Power	Tune-up
CA_5A-5A	Band 5	10M	829	20450	QPSK	1	49	Band 5	5M	891.5	2625	/	/	/	/	/	/	/	/	23.96	24.14	25.00
	Band 5	10M	836.5	20525	QPSK	1	49	Band 5	5M	891.5	2625	/	/	/	/	/	/	/	/	24.16	24.36	25.00
	Band 5	10M	844	20600	QPSK	1	25	Band 5	5M	871.5	2425	/	/	/	/	/	/	/	/	23.94	24.05	25.00
CA_2A-5A	Band 5	10M	829	20450	QPSK	1	49	Band 2	20M	1960	900	/	/	/	/	/	/	/	/	23.95	24.14	25.00
	Band 5	10M	836.5	20525	QPSK	1	49	Band 2	20M	1960	900	/	/	/	/	/	/	/	/	24.16	24.36	25.00
	Band 5	10M	844	20600	QPSK	1	25	Band 2	20M	1960	900	/	/	/	/	/	/	/	/	23.85	24.05	25.00
CA_4A-5A	Band 5	10M	829	20450	QPSK	1	49	Band 4	20M	2132.5	2175	/	/	/	/	/	/	/	/	23.96	24.14	25.00
	Band 5	10M	836.5	20525	QPSK	1	49	Band 4	20M	2132.5	2175	/	/	/	/	/	/	/	/	24.22	24.36	25.00
	Band 5	10M	844	20600	QPSK	1	25	Band 4	20M	2132.5	2175	/	/	/	/	/	/	/	/	23.93	24.05	25.00
CA_5A-38A	Band 5	10M	829	20450	QPSK	1	49	Band 38	20M	2595	38000	/	/	/	/	/	/	/	/	23.99	24.14	25.00
	Band 5	10M	836.5	20525	QPSK	1	49	Band 38	20M	2595	38000	/	/	/	/	/	/	/	/	24.20	24.36	25.00
	Band 5	10M	844	20600	QPSK	1	25	Band 38	20M	2595	38000	/	/	/	/	/	/	/	/	23.90	24.05	25.00
CA_5A-41A	Band 5	10M	829	20450	QPSK	1	49	Band 41	20M	2593	40620	/	/	/	/	/	/	/	/	23.94	24.14	25.00
	Band 5	10M	836.5	20525	QPSK	1	49	Band 41	20M	2593	40620	/	/	/	/	/	/	/	/	24.22	24.36	25.00
	Band 5	10M	844	20600	QPSK	1	25	Band 41	20M	2593	40620	/	/	/	/	/	/	/	/	23.88	24.05	25.00
CA_5A-66A	Band 5	10M	829	20450	QPSK	1	49	Band 66	20M	2155	66886	/	/	/	/	/	/	/	/	23.96	24.14	25.00
	Band 5	10M	836.5	20525	QPSK	1	49	Band 66	20M	2155	66886	/	/	/	/	/	/	/	/	24.16	24.36	25.00
	Band 5	10M	844	20600	QPSK	1	25	Band 66	20M	2155	66886	/	/	/	/	/	/	/	/	23.92	24.05	25.00
CA_7A-26A	Band 26	15M	821.5	26765	QPSK	1	74	Band 7	20M	2655	3100	/	/	/	/	/	/	/	/	23.90	24.01	25.00
	Band 26	15M	831.5	26865	QPSK	1	74	Band 7	20M	2655	3100	/	/	/	/	/	/	/	/	23.83	23.97	25.00
	Band 26	15M	841.5	26965	QPSK	1	0	Band 7	20M	2655	3100	/	/	/	/	/	/	/	/	23.75	23.94	25.00
CA_26A-41A	Band 26	15M	821.5	26765	QPSK	1	74	Band 41	20M	2593	40620	/	/	/	/	/	/	/	/	23.89	24.01	25.00
	Band 26	15M	831.5	26865	QPSK	1	74	Band 41	20M	2593	40620	/	/	/	/	/	/	/	/	23.78	23.97	25.00
	Band 26	15M	841.5	26965	QPSK	1	0	Band 41	20M	2593	40620	/	/	/	/	/	/	/	/	23.83	23.94	25.00
CA_2A-4A-5A	Band 5	10M	836.5	20525	QPSK	1	49	Band 2	20M	1960	900	Band 4	20M	2132.5	2175	/	/	/	/	24.21	24.36	25.00
CA_2A-5A-7A	Band 5	10M	836.5	20525	QPSK	1	49	Band 2	20M	1960	900	Band 4	20M	2132.5	2175	/	/	/	/	24.21	24.36	25.00
CA_2A-5A-66A	Band 5	10M	836.5	20525	QPSK	1	49	Band 66	20M	2155	66886	Band 2	20M	1960	900	/	/	/	/	24.22	24.36	25.00
CA_4A-4A-5A	Band 5	10M	829	20450	QPSK	1	49	Band 4	20M	2132.5	2175	Band 4	5M	2152.5	2375	/	/	/	/	24.04	24.14	25.00
	Band 5	10M	836.5	20525	QPSK	1	49	Band 4	20M	2132.5	2175	Band 4	5M	2152.5	2375	/	/	/	/	24.18	24.36	25.00
	Band 5	10M	844	20600	QPSK	1	25	Band 4	20M	2132.5	2175	Band 4	5M	2152.5	2375	/	/	/	/	23.89	24.05	25.00
CA_5A-7A-66A	Band 5	10M	836.5	20525	QPSK	1	49	Band 7	20M	2655	3100	Band 66	20M	2155	66886	/	/	/	/	24.16	24.36	25.00
CA_5A-66A-66A	Band 5	10M	829	20450	QPSK	1	49	Band 66	20M	2155	66886	Band 66	5M	2197.5	67311	/	/	/	/	23.97	24.14	25.00
	Band 5	10M	836.5	20525	QPSK	1	49	Band 66	20M	2155	66886	Band 66	5M	2197.5	67311	/	/	/	/	24.21	24.36	25.00
	Band 5	10M	844	20600	QPSK	1	25	Band 66	20M	2155	66886	Band 66	5M	2197.5	67311	/	/	/	/	23.85	24.05	25.00
CA_5A-7C	Band 5	10M	829	20450	QPSK	1	49	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	/	/	/	/	23.98	24.14	25.00
	Band 5	10M	836.5	20525	QPSK	1	49	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	/	/	/	/	24.18	24.36	25.00
	Band 5	10M	844	20600	QPSK	1	25	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	/	/	/	/	23.86	24.05	25.00
CA_5A-66C	Band 5	10M	829	20450	QPSK	1	49	Band 66	20M	2155	66886	Band 66	20M	2174.8	67084	/	/	/	/	23.96	24.14	25.00
	Band 5	10M	836.5	20525	QPSK	1	49	Band 66	20M	2155	66886	Band 66	20M	2174.8	67084	/	/	/	/	24.21	24.36	25.00
	Band 5	10M	844	20600	QPSK	1	25	Band 66	20M	2155	66886	Band 66	20M	2174.8	67084	/	/	/	/	23.92	24.05	25.00
CA_5A-7C-66A	Band 5	10M	836.5	20525	QPSK	1	49	Band 7	20M	2535	3100	Band 7	20M	2674.8	3298	Band 66	20M	2155.0	66886	24.20	24.36	25.00
CA_5A-7A-66A-66A	Band 5	10M	836.5	20525	QPSK	1	49	Band 7	20M	2655	3100	Band 66	20M	2155	66886	Band 66	20M	2190.0	67236	24.26	24.36	25.00

## 9 Conducted Power of NR SA Antenna

### 9.1 Conducted Power of NR SA Antenna (Ant11)

NR N5 DSI 2/4/7				Conducted Power(dBm)				
SCS 15kHz								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				166800	167300	167800		
				834	836.5	839		
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	23.93	23.94	23.84	25.00	
		1	53	23.81	23.84	23.78	25.00	
		1	104	23.69	23.69	23.70	25.00	
		50	0	23.46	23.39	23.41	24.50	
		50	28	23.90	23.87	23.89	25.00	
		50	56	23.27	23.27	23.18	24.50	
		100	0	23.49	23.37	23.38	24.50	
	DFT-s-OFDM QPSK	1	1	23.91	23.87	23.83	25.00	
		1	53	23.77	23.76	23.78	25.00	
		1	104	23.72	23.61	23.65	25.00	
		50	0	22.92	22.93	22.91	24.00	
		50	28	23.89	23.85	23.85	25.00	
		50	56	22.80	22.74	22.72	24.00	
		100	0	22.94	22.86	22.87	24.00	
	DFT-s-OFDM 16QAM	1	1	23.08	22.97	22.93	24.00	
	DFT-s-OFDM 64QAM	1	1	21.11	21.07	20.95	22.50	
	DFT-s-OFDM 256QAM	1	1	19.34	19.32	19.28	20.50	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
	20MHz	CP-OFDM QPSK	1	1	22.60	22.56	22.54	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
15MHz	DFT-s-OFDM QPSK	1	1	23.88	23.81	23.76	25.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
10MHz	DFT-s-OFDM QPSK	1	1	23.80	23.73	23.64	25.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
5MHz	DFT-s-OFDM QPSK	1	1	23.79	23.71	23.63	25.00	

NR N5 DSI 3/5/6				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				166800	167300	167800	
				834	836.5	839	
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	23.44	23.45	23.39	24.50
		1	53	23.29	23.41	23.27	24.50
		1	104	23.15	23.23	23.16	24.50
		50	0	22.92	22.97	22.99	24.00
		50	28	23.36	23.36	23.46	24.50
		50	56	22.82	22.76	22.66	24.00
		100	0	22.97	22.84	22.90	24.00
	DFT-s-OFDM QPSK	1	1	23.47	23.37	23.39	24.50
		1	53	23.35	23.33	23.32	24.50
		1	104	23.20	23.08	23.20	24.50
		50	0	22.42	22.39	22.38	23.50
		50	28	23.45	23.34	23.35	24.50
		50	56	22.33	22.20	22.25	23.50
		100	0	22.42	22.43	22.38	23.50
	DFT-s-OFDM 16QAM	1	1	22.66	22.45	22.48	23.50
	DFT-s-OFDM 64QAM	1	1	20.59	20.55	20.50	22.00
	DFT-s-OFDM 256QAM	1	1	18.92	18.89	18.83	20.00
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
20MHz	CP-OFDM QPSK	1	1	166800	167300	167800	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	166300	167300	168300	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	165800	167300	168800	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	DFT-s-OFDM QPSK	1	1	165300	167300	169300	24.50

NR N26 DSI 2/4/7				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				164800	166300	167800	
				824	831.5	839	
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	23.59	23.77	23.73	25.00
		1	53	23.55	23.71	23.62	25.00
		1	104	23.46	23.65	23.57	25.00
		50	0	22.61	22.74	22.74	24.50
		50	28	23.60	23.81	23.75	25.00
		50	56	22.59	22.73	22.66	24.50
		100	0	22.66	22.81	22.77	24.50
	DFT-s-OFDM QPSK	1	1	23.53	23.76	23.69	25.00
		1	53	23.56	23.70	23.64	25.00
		1	104	23.50	23.61	23.59	25.00
		50	0	22.61	22.73	22.75	24.00
		50	28	23.58	23.80	23.70	25.00
		50	56	22.60	22.75	22.65	24.00
		100	0	22.68	22.87	22.79	24.00
	DFT-s-OFDM 16QAM	1	1	22.59	22.82	22.83	24.00
	DFT-s-OFDM 64QAM	1	1	20.61	20.85	20.87	22.50
	DFT-s-OFDM 256QAM	1	1	18.90	19.04	19.12	20.50
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
20MHz	CP-OFDM QPSK	1	1	164800	166300	167800	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	164300	166300	168300	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	163800	166300	168800	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	DFT-s-OFDM QPSK	1	1	163300	166300	169300	25.00



NR N26 DSI 3/5/6				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				164800	166300	167800	
				824	831.5	839	
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	23.03	23.30	23.24	24.50
		1	53	23.09	23.18	23.09	24.50
		1	104	23.00	23.07	23.01	24.50
		50	0	22.16	22.23	22.21	24.00
		50	28	23.07	23.31	23.26	24.50
		50	56	22.05	22.26	22.19	24.00
		100	0	22.12	22.25	22.31	24.00
	DFT-s-OFDM QPSK	1	1	23.06	23.21	23.11	24.50
		1	53	22.98	23.18	23.12	24.50
		1	104	23.06	23.16	23.13	24.50
		50	0	22.06	22.18	22.26	23.50
		50	28	23.03	23.25	23.13	24.50
		50	56	22.06	22.28	22.08	23.50
		100	0	22.17	22.33	22.24	23.50
	DFT-s-OFDM 16QAM	1	1	22.02	22.33	22.25	23.50
DFT-s-OFDM 64QAM	1	1	20.06	20.35	20.35	22.00	
DFT-s-OFDM 256QAM	1	1	18.34	18.48	18.60	20.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	CP-OFDM QPSK	1	1	21.59	21.73	21.93	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	23.03	23.25	23.17	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	23.08	23.34	23.13	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	DFT-s-OFDM QPSK	1	1	23.00	23.11	23.15	24.50

## 9.2 Conducted Power of NR SA Antenna (Ant12)

NR N7 DSI 2/5/6				Conducted Power(dBm)				
SCS 15kHz								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				504000	507000	510000		
				2520	2535	2550		
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	19.64	19.67	19.70	20.50	
		1	108	19.74	19.69	19.62	20.50	
		1	214	19.61	19.63	19.55	20.50	
		108	0	19.19	19.18	19.25	20.00	
		108	54	19.73	19.65	19.52	20.50	
		108	108	19.25	19.22	19.12	20.00	
	DFT-s-OFDM QPSK	216	0	19.27	19.18	19.13	20.00	
		1	1	19.68	19.70	19.73	20.50	
		1	108	19.79	19.63	19.65	20.50	
		1	214	19.66	19.60	19.61	20.50	
		108	0	18.71	18.74	18.76	19.50	
		108	54	19.80	19.68	19.64	20.50	
	DFT-s-OFDM 16QAM	108	108	18.73	18.64	18.59	19.50	
		216	0	18.75	18.71	18.59	19.50	
		DFT-s-OFDM 64QAM	1	1	18.85	18.84	18.87	19.50
		DFT-s-OFDM 256QAM	1	1	17.04	16.96	16.95	18.00
		DFT-s-OFDM 256QAM	1	1	15.15	15.28	15.18	16.00
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
40MHz	CP-OFDM QPSK	1	1	504000	507000	510000	19.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
30MHz	DFT-s-OFDM QPSK	1	1	503000	507000	511000	20.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
25MHz	DFT-s-OFDM QPSK	1	1	502500	507000	511500	20.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
20MHz	DFT-s-OFDM QPSK	1	1	502000	507000	512000	20.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
15MHz	DFT-s-OFDM QPSK	1	1	501500	507000	512500	20.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
10MHz	DFT-s-OFDM QPSK	1	1	501000	507000	513000	20.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
5MHz	DFT-s-OFDM QPSK	1	1	500500	507000	513500	20.50	

NR N7 DSI 3				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504000	507000	510000	
				2520	2535	2550	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	19.13	19.26	19.17	20.00
		1	108	19.24	19.22	19.08	20.00
		1	214	19.22	19.05	19.03	20.00
		108	0	18.68	18.69	18.69	19.50
		108	54	19.22	19.14	19.03	20.00
		108	108	18.70	18.70	18.56	19.50
		216	0	18.84	18.71	18.63	19.50
	DFT-s-OFDM QPSK	1	1	19.14	19.23	19.22	20.00
		1	108	19.26	19.22	19.13	20.00
		1	214	19.20	19.08	19.10	20.00
		108	0	18.22	18.26	18.25	19.00
		108	54	19.31	19.12	19.11	20.00
		108	108	18.26	18.15	18.12	19.00
		216	0	18.23	18.25	18.17	19.00
	DFT-s-OFDM 16QAM	1	1	18.40	18.28	18.40	19.00
DFT-s-OFDM 64QAM	1	1	16.44	16.45	16.48	17.50	
DFT-s-OFDM 256QAM	1	1	14.62	14.76	14.74	15.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
40MHz	CP-OFDM QPSK	1	1	17.74	17.79	17.80	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	19.27	19.30	19.29	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
25MHz	DFT-s-OFDM QPSK	1	1	19.23	19.23	19.21	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	18.96	19.11	18.94	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	18.95	19.01	18.94	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	19.09	19.09	19.21	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	DFT-s-OFDM QPSK	1	1	19.10	19.20	19.24	20.00

NR N7 DSI 4				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504000	507000	510000	
				2520	2535	2550	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	20.70	20.79	20.76	21.50
		1	108	20.68	20.62	20.61	21.50
		1	214	20.68	20.55	20.63	21.50
		108	0	20.20	20.20	20.18	21.00
		108	54	20.72	20.60	20.56	21.50
		108	108	20.31	20.20	20.12	21.00
		216	0	20.27	20.20	20.10	21.00
	DFT-s-OFDM QPSK	1	1	20.71	20.75	20.76	21.50
		1	108	20.80	20.73	20.65	21.50
		1	214	20.67	20.56	20.61	21.50
		108	0	19.81	19.74	19.68	20.50
		108	54	20.77	20.57	20.67	21.50
		108	108	19.76	19.70	19.64	20.50
		216	0	19.78	19.78	19.56	20.50
	DFT-s-OFDM 16QAM	1	1	19.79	19.78	19.93	20.50
DFT-s-OFDM 64QAM	1	1	18.03	17.91	18.05	19.00	
DFT-s-OFDM 256QAM	1	1	16.23	16.28	16.18	17.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
40MHz	CP-OFDM QPSK	1	1	19.20	19.36	19.26	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	503000	507000	511000	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
25MHz	DFT-s-OFDM QPSK	1	1	502500	507000	511500	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	502000	507000	512000	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	501500	507000	512500	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	501000	507000	513000	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	DFT-s-OFDM QPSK	1	1	500500	507000	513500	21.50

NR N7 DSI 7				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504000	507000	510000	
				2520	2535	2550	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	23.13	23.21	23.20	24.00
		1	108	23.19	23.14	23.10	24.00
		1	214	23.14	23.07	23.07	24.00
		108	0	22.71	22.63	22.69	23.50
		108	54	23.26	23.08	23.06	24.00
		108	108	22.73	22.64	22.56	23.50
		216	0	22.81	22.71	22.62	23.50
	DFT-s-OFDM QPSK	1	1	23.18	23.23	23.21	24.00
		1	108	23.24	23.16	23.11	24.00
		1	214	23.15	23.03	23.05	24.00
		108	0	22.23	22.18	22.19	23.00
		108	54	23.25	23.11	23.09	24.00
		108	108	22.18	22.16	22.11	23.00
		216	0	22.27	22.23	22.09	23.00
	DFT-s-OFDM 16QAM	1	1	22.32	22.29	22.37	23.00
DFT-s-OFDM 64QAM	1	1	20.46	20.43	20.47	21.50	
DFT-s-OFDM 256QAM	1	1	18.66	18.71	18.66	19.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
40MHz	CP-OFDM QPSK	1	1	504000	507000	510000	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	503000	507000	511000	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
25MHz	DFT-s-OFDM QPSK	1	1	502500	507000	511500	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	502000	507000	512000	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	501500	507000	512500	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	501000	507000	513000	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
5MHz	DFT-s-OFDM QPSK	1	1	500500	507000	513500	24.00

NR N38 DSI 2				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				518000	519000	520000	
				2590	2595	2600	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	19.81	19.79	19.91	20.50
		1	53	19.81	19.84	19.75	20.50
		1	104	19.91	19.74	19.93	20.50
		50	0	19.39	19.26	19.40	20.00
		50	28	19.84	19.82	19.80	20.50
		50	56	19.46	19.30	19.38	20.00
		100	0	19.19	19.35	19.36	20.00
	DFT-s-OFDM QPSK	1	1	19.80	19.89	19.94	21.00
		1	53	19.82	19.75	19.78	21.00
		1	104	19.79	19.83	19.94	21.00
		50	0	18.86	18.85	18.91	20.00
		50	28	19.76	19.79	19.77	21.00
		50	56	18.97	18.84	18.76	20.00
		100	0	18.71	18.76	18.82	20.00
	DFT-s-OFDM 16QAM	1	1	18.92	18.93	18.91	20.00
DFT-s-OFDM 64QAM	1	1	16.71	17.02	16.72	18.50	
DFT-s-OFDM 256QAM	1	1	15.21	15.25	15.21	16.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				518000	519000	520000	
40MHz	CP-OFDM QPSK	1	1	18.34	18.40	18.45	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				517000	519000	521000	
30MHz	DFT-s-OFDM QPSK	1	1	19.97	19.89	19.96	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				516000	519000	522000	
20MHz	DFT-s-OFDM QPSK	1	1	19.80	19.79	20.03	21.00

NR N38 DSI 3/5/6				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				518000	519000	520000	
				2590	2595	2600	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	19.44	19.47	19.40	20.50
		1	53	19.31	19.34	19.33	20.50
		1	104	19.48	19.31	19.36	20.50
		50	0	18.94	18.86	18.89	20.00
		50	28	19.38	19.34	19.44	20.50
		50	56	18.98	18.89	18.96	20.00
		100	0	18.76	18.90	18.82	20.00
	DFT-s-OFDM QPSK	1	1	19.40	19.34	19.42	20.50
		1	53	19.38	19.32	19.29	20.50
		1	104	19.36	19.31	19.40	20.50
		50	0	18.33	18.39	18.40	19.50
		50	28	19.34	19.27	19.39	20.50
		50	56	18.48	18.33	18.39	19.50
		100	0	18.28	18.38	18.29	19.50
	DFT-s-OFDM 16QAM	1	1	18.43	18.45	18.56	19.50
DFT-s-OFDM 64QAM	1	1	16.22	16.61	16.26	18.00	
DFT-s-OFDM 256QAM	1	1	14.77	14.79	14.67	16.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				518000	519000	520000	
40MHz	CP-OFDM QPSK	1	1	17.83	17.89	17.93	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				517000	519000	521000	
30MHz	DFT-s-OFDM QPSK	1	1	19.47	19.39	19.56	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				516000	519000	522000	
20MHz	DFT-s-OFDM QPSK	1	1	19.43	19.43	19.47	20.50



NR N38 DSI 4				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				518000	519000	520000	
				2590	2595	2600	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	20.96	20.86	20.98	22.00
		1	53	20.78	20.91	20.87	22.00
		1	104	20.86	20.78	20.94	22.00
		50	0	20.34	20.29	20.42	21.50
		50	28	20.91	20.87	20.86	22.00
		50	56	20.42	20.32	20.44	21.50
		100	0	20.28	20.34	20.38	21.50
	DFT-s-OFDM QPSK	1	1	20.95	20.92	20.98	22.00
		1	53	20.89	20.90	20.86	22.00
		1	104	20.83	20.91	20.84	22.00
		50	0	19.85	19.90	19.89	21.00
		50	28	20.86	20.84	20.88	22.00
		50	56	20.00	19.85	19.92	21.00
		100	0	19.78	19.89	19.90	21.00
	DFT-s-OFDM 16QAM	1	1	19.93	19.93	20.05	21.00
	DFT-s-OFDM 64QAM	1	1	17.69	18.11	17.84	19.50
	DFT-s-OFDM 256QAM	1	1	16.27	16.28	16.19	17.50
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
518000					519000	520000	
40MHz	CP-OFDM QPSK	1	1	19.40	19.38	19.42	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				517000	519000	521000	
30MHz	DFT-s-OFDM QPSK	1	1	20.95	20.99	21.01	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				516000	519000	522000	
20MHz	DFT-s-OFDM QPSK	1	1	20.89	20.86	21.01	22.00

NR N38 DSI 7				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				518000	519000	520000	
				2590	2595	2600	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	23.91	23.90	23.92	25.00
		1	53	23.82	23.85	23.84	25.00
		1	104	23.90	23.79	23.87	25.00
		50	0	23.37	23.32	23.40	24.50
		50	28	23.88	23.79	23.86	25.00
		50	56	23.45	23.35	23.38	24.50
		100	0	23.27	23.36	23.34	24.50
	DFT-s-OFDM QPSK	1	1	23.90	23.86	23.91	25.00
		1	53	23.81	23.83	23.80	25.00
		1	104	23.86	23.84	23.87	25.00
		50	0	22.85	22.85	22.87	24.00
		50	28	23.84	23.80	23.85	25.00
		50	56	22.92	22.86	22.85	24.00
		100	0	22.82	22.84	22.81	24.00
	DFT-s-OFDM 16QAM	1	1	22.97	22.90	23.00	24.00
	DFT-s-OFDM 64QAM	1	1	20.70	21.13	20.77	22.50
	DFT-s-OFDM 256QAM	1	1	19.21	19.27	19.20	20.50
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				518000	519000	520000	
40MHz	CP-OFDM QPSK	1	1	22.36	22.42	22.38	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				517000	519000	521000	
30MHz	DFT-s-OFDM QPSK	1	1	23.95	23.91	23.98	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				516000	519000	522000	
20MHz	DFT-s-OFDM QPSK	1	1	23.91	23.85	23.95	25.00

NR N41 DSI 2 (PC2)				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	SCS 30kHz					Tune up
				Channel 509202	Channel 513900	Channel 518598	Channel 523302	Channel 528000	
				2546.01	2569.5	2592.99	2616.51	2640	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	20.17	20.22	20.15	20.11	20.10	21.50
		1	137	20.10	20.06	19.94	20.00	19.95	21.50
		1	271	19.93	20.12	20.05	20.04	19.97	21.50
		135	0	17.21	17.25	17.13	16.92	16.99	18.00
		135	69	20.16	20.19	20.07	<b>19.93</b>	20.06	21.50
		135	138	17.09	16.98	17.04	16.93	17.01	18.00
		270	0	19.74	19.57	19.46	19.58	19.53	21.00
	DFT-s-OFDM QPSK	1	1	20.22	20.13	20.16	20.06	20.00	21.50
		1	137	20.13	20.07	19.93	19.98	20.00	21.50
		1	271	20.03	20.08	20.05	19.92	19.90	21.50
		135	0	16.73	16.71	16.67	16.48	16.53	18.00
		135	69	20.11	20.20	20.03	<b>19.98</b>	20.00	21.50
		135	138	16.58	16.57	16.60	16.37	16.46	18.00
		270	0	19.19	19.07	19.03	18.97	19.06	20.50
	DFT-s-OFDM 16QAM	1	1	19.47	19.43	19.24	19.27	19.10	20.50
DFT-s-OFDM 64QAM	1	1	17.30	17.20	17.13	17.11	17.10	19.00	
DFT-s-OFDM 256QAM	1	1	15.56	15.56	15.45	15.30	15.24	17.00	
Bandwidth	Modulation	RB size	RB offset	Channel 509202	Channel 513900	Channel 518598	Channel 523302	Channel 528000	Tune up
100MHz	CP-OFDM QPSK	1	1	18.68	18.72	18.62	18.54	18.44	20.00
Bandwidth	Modulation	RB size	RB offset	Channel 508200	Channel 513402	Channel 518598	Channel 523800	Channel 528996	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	20.19	20.19	20.12	20.10	19.94	21.50
Bandwidth	Modulation	RB size	RB offset	Channel 507204	Channel 512904	Channel 518598	Channel 524298	Channel 529998	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	20.13	20.17	20.04	20.06	19.95	21.50
Bandwidth	Modulation	RB size	RB offset	Channel 506202	Channel	Channel 518598	Channel	Channel 531000	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	20.22	20.23	20.13	20.07	20.02	21.50
Bandwidth	Modulation	RB size	RB offset	Channel 505200	Channel 511902	Channel 518598	Channel 525300	Channel 531996	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	20.37	20.29	20.25	20.28	20.24	21.50
Bandwidth	Modulation	RB size	RB offset	Channel 504204	Channel 511404	Channel 518598	Channel 525798	Channel 532998	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	20.34	20.17	20.24	20.24	20.18	21.50
Bandwidth	Modulation	RB size	RB offset	Channel 503202	Channel 510900	Channel 518598	Channel 526302	Channel 534000	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	20.45	20.36	20.34	20.30	20.28	21.50
Bandwidth	Modulation	RB size	RB offset	Channel 502200	Channel 510402	Channel 518598	Channel 526800	Channel 534996	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	20.40	20.32	20.26	20.26	20.20	21.50
Bandwidth	Modulation	RB size	RB offset	Channel 501204	Channel 509904	Channel 518598	Channel 527298	Channel 535998	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	20.38	20.22	20.27	20.15	20.20	21.50

NR N41 DSI 3 (PC2)				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	SCS 30kHz					Tune up
				Channel 509202	Channel 513900	Channel 518598	Channel 523302	Channel 528000	
				2546.01	2569.5	2592.99	2616.51	2640	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	19.26	19.18	19.20	19.14	19.04	20.50
		1	137	19.13	19.11	19.03	19.03	18.93	20.50
		1	271	19.00	19.09	19.01	19.05	18.89	20.50
		135	0	15.71	15.75	15.56	15.41	15.47	17.00
		135	69	19.21	19.11	19.06	<b>19.01</b>	19.00	20.50
		135	138	15.61	15.44	15.50	15.48	15.44	17.00
	DFT-s-OFDM QPSK	270	0	18.71	18.53	18.47	18.60	18.58	20.00
		1	1	19.24	19.23	19.11	19.11	19.07	20.50
		1	137	19.13	19.17	18.99	19.06	19.03	20.50
		1	271	19.05	19.03	18.97	18.98	18.89	20.50
		135	0	15.73	15.75	15.66	15.50	15.50	17.00
		135	69	19.10	19.22	18.97	<b>19.04</b>	19.06	20.50
	DFT-s-OFDM 16QAM	135	138	15.60	15.60	15.59	15.36	15.45	17.00
		270	0	18.18	18.10	17.99	17.93	18.07	19.50
1		1	18.35	18.45	18.35	18.23	18.17	19.50	
DFT-s-OFDM 64QAM	1	1	16.27	16.20	16.16	16.06	16.05	18.00	
DFT-s-OFDM 256QAM	1	1	14.60	14.51	14.37	14.41	14.27	16.00	
Bandwidth	Modulation	RB size	RB offset	Channel 509202	Channel 513900	Channel 518598	Channel 523302	Channel 528000	Tune up
100MHz	CP-OFDM QPSK	1	1	17.69	17.81	17.58	17.50	17.50	19.00
Bandwidth	Modulation	RB size	RB offset	Channel 508200	Channel 513402	Channel 518598	Channel 523800	Channel 528996	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	19.19	19.17	19.13	19.08	19.03	20.50
Bandwidth	Modulation	RB size	RB offset	Channel 507204	Channel 512904	Channel 518598	Channel 524298	Channel 529998	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	19.22	19.19	19.08	19.07	18.92	20.50
Bandwidth	Modulation	RB size	RB offset	Channel 506202	Channel	Channel 518598	Channel	Channel 531000	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	19.20	19.23	19.15	19.17	19.08	20.50
Bandwidth	Modulation	RB size	RB offset	Channel 505200	Channel 511902	Channel 518598	Channel 525300	Channel 531996	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	19.48	19.31	19.31	19.25	19.17	20.50
Bandwidth	Modulation	RB size	RB offset	Channel 504204	Channel 511404	Channel 518598	Channel 525798	Channel 532998	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	19.38	19.22	19.24	19.20	19.16	20.50
Bandwidth	Modulation	RB size	RB offset	Channel 503202	Channel 510900	Channel 518598	Channel 526302	Channel 534000	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	19.46	19.38	19.38	19.36	19.33	20.50
Bandwidth	Modulation	RB size	RB offset	Channel 502200	Channel 510402	Channel 518598	Channel 526800	Channel 534996	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	19.45	19.32	19.31	19.29	19.20	20.50
Bandwidth	Modulation	RB size	RB offset	Channel 501204	Channel 509904	Channel 518598	Channel 527298	Channel 535998	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	19.38	19.25	19.21	19.21	19.17	20.50

NR N41 DSI 4 (PC2)				Conducted Power(dBm)					
Band width	Modulation	RB size	RB offset	SCS 30kHz					Tune up
				Channel 509202	Channel 513900	Channel 518598	Channel 523302	Channel 528000	
				2546.01	2569.5	2592.99	2616.51	2640	
100M Hz	DFT-s-OFDM PI/2 BPSK	1	1	21.22	21.19	21.11	21.09	21.09	22.50
		1	137	21.20	21.12	20.95	21.03	20.96	22.50
		1	271	20.96	21.09	21.05	21.00	20.96	22.50
		135	0	18.27	18.23	18.16	17.90	18.04	19.00
		135	69	21.13	21.09	21.00	<b>20.89</b>	21.01	22.50
		135	138	18.06	18.01	18.02	17.89	17.97	19.00
	DFT-s-OFDM QPSK	270	0	20.70	20.62	20.57	20.59	20.51	22.00
		1	1	21.26	21.24	21.13	21.14	21.02	22.50
		1	137	21.16	21.07	20.93	21.06	20.93	22.50
		1	271	21.04	21.00	20.97	21.00	20.90	22.50
		135	0	17.72	17.77	17.69	17.54	17.50	19.00
		135	69	21.19	21.11	21.08	<b>21.00</b>	21.06	22.50
	DFT-s-OFDM 16QAM	135	138	17.50	17.48	17.60	17.41	17.46	19.00
		270	0	20.15	20.06	20.02	20.01	20.01	21.50
1		1	20.38	20.38	20.30	20.19	20.17	21.50	
DFT-s-OFDM 64QAM	1	1	18.18	18.25	18.16	18.06	18.07	20.00	
DFT-s-OFDM 256QAM	1	1	16.48	16.50	16.41	16.41	16.26	18.00	
Band width	Modulation	RB size	RB offset	Channel 509202	Channel 513900	Channel 518598	Channel 523302	Channel 528000	Tune up
100M Hz	CP-OFDM QPSK	1	1	19.64	19.79	19.57	19.58	19.45	21.00
Band width	Modulation	RB size	RB offset	Channel 508200	Channel 513402	Channel 518598	Channel 523800	Channel 528996	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	21.13	21.23	21.17	21.06	20.97	22.50
Band width	Modulation	RB size	RB offset	Channel 507204	Channel 512904	Channel 518598	Channel 524298	Channel 529998	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	21.19	21.07	21.05	21.03	20.91	22.50
Band width	Modulation	RB size	RB offset	Channel 506202	Channel	Channel 518598	Channel	Channel 531000	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	21.20	21.20	21.11	21.07	21.10	22.50
Band width	Modulation	RB size	RB offset	Channel 505200	Channel 511902	Channel 518598	Channel 525300	Channel 531996	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	21.41	21.35	21.30	21.21	21.17	22.50
Band width	Modulation	RB size	RB offset	Channel 504204	Channel 511404	Channel 518598	Channel 525798	Channel 532998	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	21.39	21.21	21.19	21.20	21.07	22.50
Band width	Modulation	RB size	RB offset	Channel 503202	Channel 510900	Channel 518598	Channel 526302	Channel 534000	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	21.53	21.42	21.33	21.28	21.23	22.50
Band width	Modulation	RB size	RB offset	Channel 502200	Channel 510402	Channel 518598	Channel 526800	Channel 534996	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	21.37	21.35	21.25	21.20	21.22	22.50
Band width	Modulation	RB size	RB offset	Channel 501204	Channel 509904	Channel 518598	Channel 527298	Channel 535998	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	21.41	21.23	21.19	21.19	21.12	22.50

NR N41 DSI 5/6 (PC2)				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	SCS 30kHz					Tune up
				Channel 509202	Channel 513900	Channel 518598	Channel 523302	Channel 528000	
				2546.01	2569.5	2592.99	2616.51	2640	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	19.67	19.67	19.58	19.56	19.51	21.00
		1	137	19.69	19.55	19.56	19.47	19.47	21.00
		1	271	19.46	19.57	19.53	19.51	19.48	21.00
		135	0	16.70	16.66	16.66	16.45	16.54	17.50
		135	69	19.60	19.69	19.58	<b>19.43</b>	19.50	21.00
		135	138	16.53	16.45	16.48	16.49	16.39	17.50
	DFT-s-OFDM QPSK	270	0	19.27	19.04	19.06	19.02	19.04	20.50
		1	1	19.71	19.68	19.60	19.63	19.57	21.00
		1	137	19.65	19.63	19.46	19.51	19.48	21.00
		1	271	19.48	19.57	19.50	19.53	19.49	21.00
		135	0	16.30	16.20	16.13	15.94	15.98	17.50
		135	69	19.66	19.62	19.55	<b>19.49</b>	19.49	21.00
	DFT-s-OFDM 16QAM	135	138	16.10	16.08	15.98	15.87	15.88	17.50
		270	0	18.65	18.50	18.43	18.53	18.48	20.00
1		1	18.95	18.92	18.77	18.69	18.61	20.00	
DFT-s-OFDM 64QAM	1	1	16.77	16.71	16.72	16.56	16.59	18.50	
DFT-s-OFDM 256QAM	1	1	15.08	14.98	14.97	14.91	14.72	16.50	
Bandwidth	Modulation	RB size	RB offset	Channel 509202	Channel 513900	Channel 518598	Channel 523302	Channel 528000	Tune up
100MHz	CP-OFDM QPSK	1	1	18.15	18.33	18.00	18.05	17.97	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 508200	Channel 513402	Channel 518598	Channel 523800	Channel 528996	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	19.72	19.70	19.64	19.61	19.45	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 507204	Channel 512904	Channel 518598	Channel 524298	Channel 529998	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	19.70	19.67	19.52	19.49	19.49	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 506202	Channel	Channel 518598	Channel	Channel 531000	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	19.72	19.66	19.60	19.61	19.53	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 505200	Channel 511902	Channel 518598	Channel 525300	Channel 531996	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	19.96	19.78	19.75	19.70	19.75	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 504204	Channel 511404	Channel 518598	Channel 525798	Channel 532998	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	19.87	19.76	19.69	19.69	19.56	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 503202	Channel 510900	Channel 518598	Channel 526302	Channel 534000	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	19.95	19.93	19.82	19.78	19.79	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 502200	Channel 510402	Channel 518598	Channel 526800	Channel 534996	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	19.97	19.90	19.79	19.77	19.71	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 501204	Channel 509904	Channel 518598	Channel 527298	Channel 535998	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	19.91	19.79	19.77	19.64	19.69	21.00

NR N41 DSI 7 (PC2)				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	SCS 30kHz					Tune up
				Channel 509202	Channel 513900	Channel 518598	Channel 523302	Channel 528000	
				2546.01	2569.5	2592.99	2616.51	2640	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	24.20	24.20	24.12	24.10	24.02	25.50
		1	137	24.13	24.08	23.98	23.99	23.97	25.50
		1	271	23.97	24.06	23.97	23.98	23.90	25.50
		135	0	20.70	20.67	20.59	20.41	20.50	22.00
		135	69	24.14	24.11	24.02	<b>23.93</b>	24.03	25.50
		135	138	20.53	20.47	20.50	20.43	20.43	22.00
		270	0	23.71	23.57	23.49	23.52	23.54	25.00
	DFT-s-OFDM QPSK	1	1	24.18	24.16	24.10	24.06	24.01	25.50
		1	137	24.15	24.11	23.94	24.00	23.97	25.50
		1	271	24.00	24.04	23.98	23.96	23.93	25.50
		135	0	20.74	20.69	20.63	20.47	20.51	22.00
		135	69	24.14	24.14	24.00	<b>23.98</b>	23.99	25.50
		135	138	20.54	20.52	20.52	20.39	20.42	22.00
		DFT-s-OFDM 16QAM	1	1	23.39	23.41	23.28	23.20	23.13
	DFT-s-OFDM 64QAM	1	1	21.22	21.18	21.15	21.10	21.08	23.00
	DFT-s-OFDM 256QAM	1	1	19.52	19.49	19.40	19.33	19.23	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 509202	Channel 513900	Channel 518598	Channel 523302	Channel 528000	Tune up
100MHz	CP-OFDM QPSK	1	1	22.68	22.76	22.54	22.53	22.42	24.00
Bandwidth	Modulation	RB size	RB offset	Channel 508200	Channel 513402	Channel 518598	Channel 523800	Channel 528996	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	24.16	24.18	24.09	24.03	23.98	25.50
Bandwidth	Modulation	RB size	RB offset	Channel 507204	Channel 512904	Channel 518598	Channel 524298	Channel 529998	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	24.16	24.11	24.04	24.00	23.95	25.50
Bandwidth	Modulation	RB size	RB offset	Channel 506202	Channel	Channel 518598	Channel	Channel 531000	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	24.22	24.18	24.13	24.10	24.06	25.50
Bandwidth	Modulation	RB size	RB offset	Channel 505200	Channel 511902	Channel 518598	Channel 525300	Channel 531996	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	24.40	24.31	24.26	24.20	24.20	25.50
Bandwidth	Modulation	RB size	RB offset	Channel 504204	Channel 511404	Channel 518598	Channel 525798	Channel 532998	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	24.31	24.20	24.19	24.18	24.10	25.50
Bandwidth	Modulation	RB size	RB offset	Channel 503202	Channel 510900	Channel 518598	Channel 526302	Channel 534000	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	24.47	24.37	24.30	24.30	24.26	25.50
Bandwidth	Modulation	RB size	RB offset	Channel 502200	Channel 510402	Channel 518598	Channel 526800	Channel 534996	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	24.40	24.32	24.26	24.22	24.17	25.50
Bandwidth	Modulation	RB size	RB offset	Channel 501204	Channel 509904	Channel 518598	Channel 527298	Channel 535998	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	24.34	24.26	24.23	24.15	24.12	25.50



NR N41 DSI 2 (PC3)				Conducted Power(dBm)						
Bandwidth	Modulation	RB size	RB offset	SCS 30kHz					Tune up	
				Channel 509202	Channel 513900	Channel 518598	Channel 523302	Channel 528000		
				2546.01	2569.5	2592.99	2616.51	2640		
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	20.29	20.29	20.07	20.05	20.16	21.50	
		1	137	20.10	20.05	20.06	19.98	19.98	21.50	
		1	271	19.99	20.10	20.03	19.98	19.93	21.50	
		135	0	19.71	19.69	19.64	19.38	19.49	21.00	
		135	69	20.07	20.18	20.13	<b>20.03</b>	20.07	21.50	
		135	138	19.57	19.42	19.51	19.41	19.40	21.00	
	DFT-s-OFDM QPSK	1	1	19.67	19.60	19.52	19.49	19.50	21.00	
		1	137	20.27	20.11	20.13	20.10	20.08	21.50	
		1	271	20.27	20.14	19.93	20.11	19.96	21.50	
		1	271	20.02	20.14	19.95	19.98	20.03	21.50	
		135	0	19.21	19.30	19.17	18.98	18.99	20.50	
		135	69	20.21	20.20	20.03	<b>20.11</b>	20.00	21.50	
	DFT-s-OFDM 16QAM	135	138	18.99	19.05	19.03	18.81	18.96	20.50	
		270	0	19.21	19.16	18.96	18.96	19.01	20.50	
		DFT-s-OFDM 64QAM	1	1	19.43	19.45	19.31	19.14	19.23	20.50
		DFT-s-OFDM 256QAM	1	1	17.26	17.23	17.24	17.15	17.08	19.00
DFT-s-OFDM 256QAM	1	1	15.58	15.60	15.44	15.48	15.28	17.00		
Bandwidth	Modulation	RB size	RB offset	Channel 509202	Channel 513900	Channel 518598	Channel 523302	Channel 528000	Tune up	
100MHz	CP-OFDM QPSK	1	1	18.69	18.83	18.52	18.60	18.50	20.00	
Bandwidth	Modulation	RB size	RB offset	Channel 508200	Channel 513402	Channel 518598	Channel 523800	Channel 528996	Tune up	
90MHz	DFT-s-OFDM QPSK	1	1	20.18	20.26	20.17	19.98	20.08	21.50	
Bandwidth	Modulation	RB size	RB offset	Channel 507204	Channel 512904	Channel 518598	Channel 524298	Channel 529998	Tune up	
80MHz	DFT-s-OFDM QPSK	1	1	20.23	20.11	19.98	20.08	20.00	21.50	
Bandwidth	Modulation	RB size	RB offset	Channel 506202	Channel	Channel 518598	Channel	Channel 531000	Tune up	
70MHz	DFT-s-OFDM QPSK	1	1	20.16	20.29	20.24	20.12	20.08	21.50	
Bandwidth	Modulation	RB size	RB offset	Channel 505200	Channel 511902	Channel 518598	Channel 525300	Channel 531996	Tune up	
60MHz	DFT-s-OFDM QPSK	1	1	20.38	20.36	20.30	20.30	20.17	21.50	
Bandwidth	Modulation	RB size	RB offset	Channel 504204	Channel 511404	Channel 518598	Channel 525798	Channel 532998	Tune up	
50MHz	DFT-s-OFDM QPSK	1	1	20.30	20.22	20.30	20.23	20.09	21.50	
Bandwidth	Modulation	RB size	RB offset	Channel 503202	Channel 510900	Channel 518598	Channel 526302	Channel 534000	Tune up	
40MHz	DFT-s-OFDM QPSK	1	1	20.54	20.34	20.36	20.32	20.37	21.50	
Bandwidth	Modulation	RB size	RB offset	Channel 502200	Channel 510402	Channel 518598	Channel 526800	Channel 534996	Tune up	
30MHz	DFT-s-OFDM QPSK	1	1	20.43	20.38	20.20	20.22	20.26	21.50	
Bandwidth	Modulation	RB size	RB offset	Channel 501204	Channel 509904	Channel 518598	Channel 527298	Channel 535998	Tune up	
20MHz	DFT-s-OFDM QPSK	1	1	20.36	20.29	20.17	20.16	20.24	21.50	

NR N41 DSI 3 (PC3)				Conducted Power(dBm)					
Band width	Modulation	RB size	RB offset	SCS 30kHz					Tune up
				Channel 509202	Channel 513900	Channel 518598	Channel 523302	Channel 528000	
				2546.01	2569.5	2592.99	2616.51	2640	
100M Hz	DFT-s-OFDM PI/2 BPSK	1	1	19.30	19.22	19.04	19.02	19.12	20.50
		1	137	19.16	19.08	19.06	18.93	19.04	20.50
		1	271	19.01	19.09	18.93	18.93	18.89	20.50
		135	0	18.71	18.65	18.56	18.49	18.45	20.00
		135	69	19.16	19.08	19.09	<b>18.98</b>	19.04	20.50
		135	138	18.52	18.47	18.44	18.42	18.40	20.00
	DFT-s-OFDM QPSK	270	0	18.79	18.49	18.45	18.44	18.52	20.00
		1	1	19.27	19.19	19.12	19.11	19.01	20.50
		1	137	19.23	19.10	18.97	19.01	18.91	20.50
		1	271	19.06	19.15	18.97	18.94	19.05	20.50
		135	0	18.21	18.28	18.20	18.04	17.94	19.50
		135	69	19.17	19.22	18.99	<b>19.03</b>	19.06	20.50
	DFT-s-OFDM 16QAM	135	138	18.07	18.08	18.03	17.87	17.96	19.50
		270	0	18.10	18.11	17.99	17.93	18.02	19.50
		1	1	18.39	18.38	18.25	18.16	18.28	19.50
	DFT-s-OFDM 64QAM	1	1	16.16	16.19	16.20	16.17	16.05	18.00
DFT-s-OFDM 256QAM	1	1	14.60	14.51	14.39	14.41	14.25	16.00	
Band width	Modulation	RB size	RB offset	Channel 509202	Channel 513900	Channel 518598	Channel 523302	Channel 528000	Tune up
100M Hz	CP-OFDM QPSK	1	1	17.71	17.83	17.52	17.60	17.58	19.00
Band width	Modulation	RB size	RB offset	Channel 508200	Channel 513402	Channel 518598	Channel 523800	Channel 528996	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	19.23	19.27	19.13	19.04	19.06	20.50
Band width	Modulation	RB size	RB offset	Channel 507204	Channel 512904	Channel 518598	Channel 524298	Channel 529998	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	19.20	19.12	19.02	18.99	19.01	20.50
Band width	Modulation	RB size	RB offset	Channel 506202	Channel	Channel 518598	Channel	Channel 531000	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	19.22	19.24	19.18	19.18	19.07	20.50
Band width	Modulation	RB size	RB offset	Channel 505200	Channel 511902	Channel 518598	Channel 525300	Channel 531996	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	19.34	19.45	19.25	19.27	19.14	20.50
Band width	Modulation	RB size	RB offset	Channel 504204	Channel 511404	Channel 518598	Channel 525798	Channel 532998	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	19.30	19.19	19.29	19.18	19.15	20.50
Band width	Modulation	RB size	RB offset	Channel 503202	Channel 510900	Channel 518598	Channel 526302	Channel 534000	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	19.49	19.39	19.35	19.35	19.34	20.50
Band width	Modulation	RB size	RB offset	Channel 502200	Channel 510402	Channel 518598	Channel 526800	Channel 534996	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	19.49	19.37	19.26	19.31	19.22	20.50
Band width	Modulation	RB size	RB offset	Channel 501204	Channel 509904	Channel 518598	Channel 527298	Channel 535998	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	19.39	19.20	19.25	19.14	19.15	20.50

NR N41 DSI 4 (PC3)				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	SCS 30kHz					Tune up
				Channel 509202	Channel 513900	Channel 518598	Channel 523302	Channel 528000	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	2546.01	2569.5	2592.99	2616.51	2640	
		1	137	21.27	21.24	21.05	21.08	21.13	22.50
		1	271	21.11	21.02	21.04	20.97	21.07	22.50
		135	0	20.98	21.07	21.03	21.01	20.92	22.50
		135	69	20.80	20.65	20.65	20.43	20.53	22.00
		135	138	21.14	21.19	21.10	<b>21.03</b>	21.01	22.50
		270	0	20.61	20.41	20.46	20.37	20.37	22.00
	DFT-s-OFDM QPSK	1	1	20.68	20.51	20.44	20.43	20.57	22.00
		1	137	21.31	21.22	21.11	21.14	21.01	22.50
		1	271	21.24	21.10	21.04	21.03	21.00	22.50
		1	271	20.96	21.08	21.03	21.05	20.99	22.50
		135	0	20.22	20.30	20.09	20.07	20.00	21.50
		135	69	21.17	21.20	20.95	<b>21.05</b>	21.03	22.50
	DFT-s-OFDM 16QAM	135	138	19.99	20.06	20.07	19.84	19.98	21.50
		270	0	20.15	20.18	20.06	19.94	20.11	21.50
		1	1	20.44	20.35	20.22	20.13	20.22	21.50
	DFT-s-OFDM 64QAM	1	1	18.19	18.15	18.21	18.07	18.15	20.00
DFT-s-OFDM 256QAM	1	1	16.68	16.57	16.39	16.49	16.26	18.00	
Bandwidth	Modulation	RB size	RB offset	Channel 509202	Channel 513900	Channel 518598	Channel 523302	Channel 528000	Tune up
100MHz	CP-OFDM QPSK	1	1	19.73	19.81	19.55	19.54	19.49	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 508200	Channel 513402	Channel 518598	Channel 523800	Channel 528996	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	21.24	21.21	21.09	21.07	21.13	22.50
Bandwidth	Modulation	RB size	RB offset	Channel 507204	Channel 512904	Channel 518598	Channel 524298	Channel 529998	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	21.28	21.19	21.04	21.07	21.03	22.50
Bandwidth	Modulation	RB size	RB offset	Channel 506202	Channel 511404	Channel 518598	Channel 523604	Channel 529206	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	21.23	21.19	21.24	21.11	21.05	22.50
Bandwidth	Modulation	RB size	RB offset	Channel 505200	Channel 511902	Channel 518598	Channel 525300	Channel 531996	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	21.40	21.44	21.34	21.26	21.23	22.50
Bandwidth	Modulation	RB size	RB offset	Channel 504204	Channel 511404	Channel 518598	Channel 525798	Channel 532998	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	21.34	21.17	21.22	21.16	21.15	22.50
Bandwidth	Modulation	RB size	RB offset	Channel 503202	Channel 510900	Channel 518598	Channel 526302	Channel 534000	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	21.60	21.43	21.33	21.35	21.39	22.50
Bandwidth	Modulation	RB size	RB offset	Channel 502200	Channel 510402	Channel 518598	Channel 526800	Channel 534996	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	21.47	21.39	21.23	21.27	21.28	22.50
Bandwidth	Modulation	RB size	RB offset	Channel 501204	Channel 509904	Channel 518598	Channel 527298	Channel 535998	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	21.29	21.23	21.18	21.12	21.17	22.50

NR N41 DSI 5/6 (PC3)				Conducted Power(dBm)						
Band width	Modulation	RB size	RB offset	SCS 30kHz					Tune up	
				Channel 509202	Channel 513900	Channel 518598	Channel 523302	Channel 528000		
				2546.01	2569.5	2592.99	2616.51	2640		
100M Hz	DFT-s-OFDM PI/2 BPSK	1	1	19.79	19.83	19.63	19.52	19.68	21.00	
		1	137	19.65	19.61	19.52	19.44	19.57	21.00	
		1	271	19.46	19.63	19.54	19.43	19.37	21.00	
		135	0	19.19	19.18	19.14	18.87	18.97	20.50	
		135	69	19.61	19.63	19.55	19.43	19.50	21.00	
		135	138	19.06	18.94	19.00	18.95	18.92	20.50	
	DFT-s-OFDM QPSK	270	0	19.20	19.01	18.97	18.96	19.03	20.50	
		1	1	19.78	19.73	19.63	19.65	19.50	21.00	
		1	137	19.68	19.65	19.53	19.51	19.52	21.00	
		1	271	19.52	19.58	19.43	19.48	19.46	21.00	
		135	0	18.70	18.74	18.66	18.49	18.47	20.00	
		135	69	19.68	19.64	19.47	19.60	19.48	21.00	
	DFT-s-OFDM 16QAM	135	138	18.58	18.54	18.58	18.35	18.50	20.00	
		270	0	18.65	18.70	18.45	18.43	18.58	20.00	
		DFT-s-OFDM 64QAM	1	1	18.89	18.97	18.77	18.71	18.70	20.00
		DFT-s-OFDM 256QAM	1	1	16.78	16.74	16.72	16.67	16.60	18.50
DFT-s-OFDM 256QAM	1	1	15.10	14.99	14.98	14.98	14.68	16.50		
Band width	Modulation	RB size	RB offset	Channel 509202	Channel 513900	Channel 518598	Channel 523302	Channel 528000	Tune up	
100M Hz	CP-OFDM QPSK	1	1	18.14	18.32	17.99	18.06	18.04	19.50	
Band width	Modulation	RB size	RB offset	Channel 508200	Channel 513402	Channel 518598	Channel 523800	Channel 528996	Tune up	
90MHz	DFT-s-OFDM QPSK	1	1	19.79	19.69	19.61	19.51	19.53	21.00	
Band width	Modulation	RB size	RB offset	Channel 507204	Channel 512904	Channel 518598	Channel 524298	Channel 529998	Tune up	
80MHz	DFT-s-OFDM QPSK	1	1	19.68	19.63	19.60	19.57	19.51	21.00	
Band width	Modulation	RB size	RB offset	Channel 506202	Channel 511802	Channel 518598	Channel 523100	Channel 531000	Tune up	
70MHz	DFT-s-OFDM QPSK	1	1	19.71	19.72	19.67	19.66	19.62	21.00	
Band width	Modulation	RB size	RB offset	Channel 505200	Channel 511902	Channel 518598	Channel 525300	Channel 531996	Tune up	
60MHz	DFT-s-OFDM QPSK	1	1	19.86	19.91	19.82	19.76	19.75	21.00	
Band width	Modulation	RB size	RB offset	Channel 504204	Channel 511404	Channel 518598	Channel 525798	Channel 532998	Tune up	
50MHz	DFT-s-OFDM QPSK	1	1	19.87	19.65	19.68	19.74	19.57	21.00	
Band width	Modulation	RB size	RB offset	Channel 503202	Channel 510900	Channel 518598	Channel 526302	Channel 534000	Tune up	
40MHz	DFT-s-OFDM QPSK	1	1	20.09	19.88	19.83	19.88	19.78	21.00	
Band width	Modulation	RB size	RB offset	Channel 502200	Channel 510402	Channel 518598	Channel 526800	Channel 534996	Tune up	
30MHz	DFT-s-OFDM QPSK	1	1	19.97	19.93	19.81	19.77	19.78	21.00	
Band width	Modulation	RB size	RB offset	Channel 501204	Channel 509904	Channel 518598	Channel 527298	Channel 535998	Tune up	
20MHz	DFT-s-OFDM QPSK	1	1	19.80	19.78	19.77	19.73	19.69	21.00	

NR N41 DSI 7 (PC3)				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	SCS 30kHz					Tune up
				Channel	Channel	Channel	Channel	Channel	
				509202	513900	518598	523302	528000	
				2546.01	2569.5	2592.99	2616.51	2640	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	22.75	22.75	22.58	22.56	22.60	24.00
		1	137	22.63	22.56	22.50	22.45	22.52	24.00
		1	271	22.45	22.60	22.47	22.45	22.36	24.00
		135	0	22.23	22.15	22.08	21.91	21.95	23.50
		135	69	22.60	22.62	22.59	<b>22.45</b>	22.50	24.00
		135	138	22.03	21.92	21.97	21.91	21.89	23.50
		270	0	22.21	22.02	21.94	21.96	22.01	23.50
	DFT-s-OFDM QPSK	1	1	22.75	22.65	22.57	22.64	22.50	24.00
		1	137	22.69	22.64	22.47	22.55	22.44	24.00
		1	271	22.50	22.58	22.45	22.48	22.48	24.00
		135	0	21.67	21.74	21.63	21.50	21.46	23.00
		135	69	22.66	22.65	22.48	<b>22.56</b>	22.51	24.00
		135	138	21.53	21.56	21.53	21.34	21.45	23.00
	DFT-s-OFDM 16QAM	1	1	21.87	21.89	21.76	21.67	21.71	23.00
DFT-s-OFDM 64QAM	1	1	19.70	19.66	19.68	19.61	19.57	21.50	
DFT-s-OFDM 256QAM	1	1	18.10	18.02	17.93	17.91	17.70	19.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
100MHz	CP-OFDM QPSK	1	1	509202	513900	518598	523302	528000	22.50
100MHz	CP-OFDM QPSK	1	1	21.18	21.29	21.02	21.06	21.00	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
100MHz	CP-OFDM QPSK	1	1	508200	513402	518598	523800	528996	22.50
90MHz	DFT-s-OFDM QPSK	1	1	22.72	22.70	22.61	22.49	22.56	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	507204	512904	518598	524298	529998	24.00
80MHz	DFT-s-OFDM QPSK	1	1	22.71	22.65	22.52	22.51	22.52	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	506202		518598		531000	24.00
70MHz	DFT-s-OFDM QPSK	1	1	22.70	22.72	22.69	22.61	22.57	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	505200	511902	518598	525300	531996	24.00
60MHz	DFT-s-OFDM QPSK	1	1	22.88	22.88	22.77	22.73	22.68	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	504204	511404	518598	525798	532998	24.00
50MHz	DFT-s-OFDM QPSK	1	1	22.84	22.66	22.72	22.67	22.58	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	503202	510900	518598	526302	534000	24.00
40MHz	DFT-s-OFDM QPSK	1	1	23.02	22.88	22.83	22.80	22.82	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	502200	510402	518598	526800	534996	24.00
30MHz	DFT-s-OFDM QPSK	1	1	22.96	22.85	22.74	22.75	22.71	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	501204	509904	518598	527298	535998	24.00
20MHz	DFT-s-OFDM QPSK	1	1	22.83	22.73	22.69	22.66	22.67	24.00

### 9.3 Conducted Power of NR SA Antenna (Ant13)

NR N77 DSI 2				Conducted Power(dBm)			
SCS 30kHz(3450~3550)				Channel	Channel	Channel	Tune up
Bandwidth	Modulation	RB size	RB offset	/	633334	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	3500	/	
		1	137	/	17.77	/	18.50
		1	271	/	17.84	/	18.50
		135	0	/	17.99	/	18.50
		135	69	/	17.36	/	18.00
		135	138	/	17.80	/	18.50
		270	0	/	17.38	/	18.00
	DFT-s-OFDM QPSK	1	1	/	17.73	/	18.50
		1	137	/	17.81	/	18.50
		1	271	/	17.98	/	18.50
		135	0	/	16.78	/	17.50
		135	69	/	17.84	/	18.50
		135	138	/	16.82	/	17.50
	DFT-s-OFDM 16QAM	1	1	/	16.90	/	17.50
	DFT-s-OFDM 64QAM	1	1	/	14.64	/	16.00
	DFT-s-OFDM 256QAM	1	1	/	12.95	/	14.00
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
100MHz	CP-OFDM QPSK	1	1	/	633334	/	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	/	633334	/	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	/	633334	/	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	/	633334	/	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	/	633334	/	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	/	633334	/	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	/	633334	/	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	/	633334	/	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	/	633334	/	18.50

NR N77 DSI 3				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	16.71	/	17.50
		1	137	/	16.89	/	17.50
		1	271	/	17.03	/	17.50
		135	0	/	16.29	/	17.00
		135	69	/	16.89	/	17.50
		135	138	/	16.36	/	17.00
		270	0	/	16.34	/	17.00
	DFT-s-OFDM QPSK	1	1	/	16.73	/	17.50
		1	137	/	16.84	/	17.50
		1	271	/	16.93	/	17.50
		135	0	/	15.72	/	16.50
		135	69	/	16.79	/	17.50
		135	138	/	15.89	/	16.50
		270	0	/	15.76	/	16.50
	DFT-s-OFDM 16QAM	1	1	/	15.92	/	16.50
	DFT-s-OFDM 64QAM	1	1	/	13.71	/	15.00
DFT-s-OFDM 256QAM	1	1	/	11.94	/	13.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
100MHz	CP-OFDM QPSK	1	1	/	633334	/	16.00
100MHz	CP-OFDM QPSK	1	1	/	15.17	/	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	/	633334	/	17.50
90MHz	DFT-s-OFDM QPSK	1	1	/	16.78	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	/	633334	/	17.50
80MHz	DFT-s-OFDM QPSK	1	1	/	16.87	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	/	633334	/	17.50
70MHz	DFT-s-OFDM QPSK	1	1	/	16.86	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	/	633334	/	17.50
60MHz	DFT-s-OFDM QPSK	1	1	/	17.10	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	/	633334	/	17.50
50MHz	DFT-s-OFDM QPSK	1	1	/	17.06	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	/	633334	/	17.50
40MHz	DFT-s-OFDM QPSK	1	1	/	17.33	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	/	633334	/	17.50
30MHz	DFT-s-OFDM QPSK	1	1	/	17.27	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	/	633334	/	17.50
20MHz	DFT-s-OFDM QPSK	1	1	/	17.31	/	17.50



NR N77 DSI 4				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	17.21	/	18.00
		1	137	/	17.28	/	18.00
		1	271	/	17.50	/	18.00
		135	0	/	16.82	/	17.50
		135	69	/	17.32	/	18.00
		135	138	/	16.81	/	17.50
		270	0	/	16.81	/	17.50
	DFT-s-OFDM QPSK	1	1	/	17.25	/	18.00
		1	137	/	17.32	/	18.00
		1	271	/	17.44	/	18.00
		135	0	/	16.24	/	17.00
		135	69	/	17.36	/	18.00
		135	138	/	16.35	/	17.00
		DFT-s-OFDM 16QAM	1	1	/	16.42	/
	DFT-s-OFDM 64QAM	1	1	/	14.21	/	15.50
	DFT-s-OFDM 256QAM	1	1	/	12.54	/	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	15.73	/	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
90MHz	DFT-s-OFDM QPSK	1	1	/	17.33	/	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
80MHz	DFT-s-OFDM QPSK	1	1	/	17.37	/	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
70MHz	DFT-s-OFDM QPSK	1	1	/	17.34	/	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
60MHz	DFT-s-OFDM QPSK	1	1	/	17.53	/	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
50MHz	DFT-s-OFDM QPSK	1	1	/	17.62	/	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
40MHz	DFT-s-OFDM QPSK	1	1	/	17.83	/	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
30MHz	DFT-s-OFDM QPSK	1	1	/	17.80	/	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
20MHz	DFT-s-OFDM QPSK	1	1	/	17.78	/	18.00