



No. I22N01710-RF-NR

BAND	BW (MHz)	SCS (kHz)	FREQ (MHz)	OFDM	MODULATION	RB LOCATION	POWER (dBm)	EIRP(dBm) (Upper)	EIRP(dBm) (Lower)
DC_7A-n66A	15	15	1772.5	CP	64QAM	Edge_1RB_Right	18.67	16.37	17.77
DC_7A-n66A	15	15	1772.5	CP	64QAM	Outer_Full	18.51	16.21	17.61
DC_7A-n66A	15	15	1772.5	CP	256QAM	Inner_Full	15.38	13.08	14.48
DC_7A-n66A	15	15	1772.5	CP	256QAM	Edge_1RB_Left	15.28	12.98	14.38
DC_7A-n66A	15	15	1772.5	CP	256QAM	Edge_1RB_Right	15.49	13.19	14.59
DC_7A-n66A	15	15	1772.5	CP	256QAM	Outer_Full	15.54	13.24	14.64
DC_7A-n66A	20	15	1720	DFT	pi/2 BPSK	Inner_Full	22.05	19.75	21.15
DC_7A-n66A	20	15	1720	DFT	pi/2 BPSK	Edge_1RB_Left	21.28	18.98	20.38
DC_7A-n66A	20	15	1720	DFT	pi/2 BPSK	Edge_1RB_Right	21.53	19.23	20.63
DC_7A-n66A	20	15	1720	DFT	pi/2 BPSK	Outer_Full	21.56	19.26	20.66
DC_7A-n66A	20	15	1720	DFT	QPSK	Inner_Full	22.1	19.8	21.2
DC_7A-n66A	20	15	1720	DFT	QPSK	Edge_1RB_Left	20.74	18.44	19.84
DC_7A-n66A	20	15	1720	DFT	QPSK	Edge_1RB_Right	21.05	18.75	20.15
DC_7A-n66A	20	15	1720	DFT	QPSK	Outer_Full	21.04	18.74	20.14
DC_7A-n66A	20	15	1720	DFT	16QAM	Inner_Full	21.13	18.83	20.23
DC_7A-n66A	20	15	1720	DFT	16QAM	Edge_1RB_Left	19.6	17.3	18.7
DC_7A-n66A	20	15	1720	DFT	16QAM	Edge_1RB_Right	19.81	17.51	18.91
DC_7A-n66A	20	15	1720	DFT	16QAM	Outer_Full	20.06	17.76	19.16
DC_7A-n66A	20	15	1720	DFT	64QAM	Inner_Full	19.57	17.27	18.67
DC_7A-n66A	20	15	1720	DFT	64QAM	Edge_1RB_Left	19.43	17.13	18.53
DC_7A-n66A	20	15	1720	DFT	64QAM	Edge_1RB_Right	19.71	17.41	18.81
DC_7A-n66A	20	15	1720	DFT	64QAM	Outer_Full	19.58	17.28	18.68
DC_7A-n66A	20	15	1720	DFT	256QAM	Inner_Full	17.67	15.37	16.77
DC_7A-n66A	20	15	1720	DFT	256QAM	Edge_1RB_Left	17.26	14.96	16.36
DC_7A-n66A	20	15	1720	DFT	256QAM	Edge_1RB_Right	17.5	15.2	16.6
DC_7A-n66A	20	15	1720	DFT	256QAM	Outer_Full	17.7	15.4	16.8
DC_7A-n66A	20	15	1720	CP	QPSK	Inner_Full	20.6	18.3	19.7
DC_7A-n66A	20	15	1720	CP	QPSK	Edge_1RB_Left	19.07	16.77	18.17
DC_7A-n66A	20	15	1720	CP	QPSK	Edge_1RB_Right	19.36	17.06	18.46



No. I22N01710-RF-NR

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DC_7A-n66A	20	15	1720	CP	QPSK	Outer_Full	19.23	16.93	18.33
DC_7A-n66A	20	15	1720	CP	16QAM	Inner_Full	20.14	17.84	19.24
DC_7A-n66A	20	15	1720	CP	16QAM	Edge_1RB_Left	18.7	16.4	17.8
DC_7A-n66A	20	15	1720	CP	16QAM	Edge_1RB_Right	19.07	16.77	18.17
DC_7A-n66A	20	15	1720	CP	16QAM	Outer_Full	19.24	16.94	18.34
DC_7A-n66A	20	15	1720	CP	64QAM	Inner_Full	18.72	16.42	17.82
DC_7A-n66A	20	15	1720	CP	64QAM	Edge_1RB_Left	18.54	16.24	17.64
DC_7A-n66A	20	15	1720	CP	64QAM	Edge_1RB_Right	18.92	16.62	18.02
DC_7A-n66A	20	15	1720	CP	64QAM	Outer_Full	18.73	16.43	17.83
DC_7A-n66A	20	15	1720	CP	256QAM	Inner_Full	15.69	13.39	14.79
DC_7A-n66A	20	15	1720	CP	256QAM	Edge_1RB_Left	15.37	13.07	14.47
DC_7A-n66A	20	15	1720	CP	256QAM	Edge_1RB_Right	15.72	13.42	14.82
DC_7A-n66A	20	15	1720	CP	256QAM	Outer_Full	15.69	13.39	14.79
DC_7A-n66A	20	15	1745	DFT	pi/2 BPSK	Inner_Full	22.3	20	21.4
DC_7A-n66A	20	15	1745	DFT	pi/2 BPSK	Edge_1RB_Left	21.54	19.24	20.64
DC_7A-n66A	20	15	1745	DFT	pi/2 BPSK	Edge_1RB_Right	21.58	19.28	20.68
DC_7A-n66A	20	15	1745	DFT	pi/2 BPSK	Outer_Full	21.75	19.45	20.85
DC_7A-n66A	20	15	1745	DFT	QPSK	Inner_Full	22.35	20.05	21.45
DC_7A-n66A	20	15	1745	DFT	QPSK	Edge_1RB_Left	21.08	18.78	20.18
DC_7A-n66A	20	15	1745	DFT	QPSK	Edge_1RB_Right	21.07	18.77	20.17
DC_7A-n66A	20	15	1745	DFT	QPSK	Outer_Full	21.24	18.94	20.34
DC_7A-n66A	20	15	1745	DFT	16QAM	Inner_Full	21.37	19.07	20.47
DC_7A-n66A	20	15	1745	DFT	16QAM	Edge_1RB_Left	19.86	17.56	18.96
DC_7A-n66A	20	15	1745	DFT	16QAM	Edge_1RB_Right	19.85	17.55	18.95
DC_7A-n66A	20	15	1745	DFT	16QAM	Outer_Full	20.2	17.9	19.3
DC_7A-n66A	20	15	1745	DFT	64QAM	Inner_Full	19.84	17.54	18.94
DC_7A-n66A	20	15	1745	DFT	64QAM	Edge_1RB_Left	19.77	17.47	18.87
DC_7A-n66A	20	15	1745	DFT	64QAM	Edge_1RB_Right	19.8	17.5	18.9
DC_7A-n66A	20	15	1745	DFT	64QAM	Outer_Full	19.7	17.4	18.8



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DC_7A-n66A	20	15	1745	DFT	256QAM	Inner_Full	17.97	15.67	17.07
DC_7A-n66A	20	15	1745	DFT	256QAM	Edge_1RB_Left	17.57	15.27	16.67
DC_7A-n66A	20	15	1745	DFT	256QAM	Edge_1RB_Right	17.59	15.29	16.69
DC_7A-n66A	20	15	1745	DFT	256QAM	Outer_Full	17.91	15.61	17.01
DC_7A-n66A	20	15	1745	CP	QPSK	Inner_Full	20.82	18.52	19.92
DC_7A-n66A	20	15	1745	CP	QPSK	Edge_1RB_Left	19.26	16.96	18.36
DC_7A-n66A	20	15	1745	CP	QPSK	Edge_1RB_Right	19.36	17.06	18.46
DC_7A-n66A	20	15	1745	CP	QPSK	Outer_Full	19.36	17.06	18.46
DC_7A-n66A	20	15	1745	CP	16QAM	Inner_Full	20.32	18.02	19.42
DC_7A-n66A	20	15	1745	CP	16QAM	Edge_1RB_Left	19.11	16.81	18.21
DC_7A-n66A	20	15	1745	CP	16QAM	Edge_1RB_Right	19.26	16.96	18.36
DC_7A-n66A	20	15	1745	CP	16QAM	Outer_Full	19.38	17.08	18.48
DC_7A-n66A	20	15	1745	CP	64QAM	Inner_Full	18.92	16.62	18.02
DC_7A-n66A	20	15	1745	CP	64QAM	Edge_1RB_Left	18.79	16.49	17.89
DC_7A-n66A	20	15	1745	CP	64QAM	Edge_1RB_Right	18.92	16.62	18.02
DC_7A-n66A	20	15	1745	CP	64QAM	Outer_Full	18.8	16.5	17.9
DC_7A-n66A	20	15	1745	CP	256QAM	Inner_Full	15.92	13.62	15.02
DC_7A-n66A	20	15	1745	CP	256QAM	Edge_1RB_Left	15.57	13.27	14.67
DC_7A-n66A	20	15	1745	CP	256QAM	Edge_1RB_Right	15.75	13.45	14.85
DC_7A-n66A	20	15	1745	CP	256QAM	Outer_Full	15.85	13.55	14.95
DC_7A-n66A	20	15	1770	DFT	pi/2 BPSK	Inner_Full	22	19.7	21.1
DC_7A-n66A	20	15	1770	DFT	pi/2 BPSK	Edge_1RB_Left	21.38	19.08	20.48
DC_7A-n66A	20	15	1770	DFT	pi/2 BPSK	Edge_1RB_Right	21.43	19.13	20.53
DC_7A-n66A	20	15	1770	DFT	pi/2 BPSK	Outer_Full	21.45	19.15	20.55
DC_7A-n66A	20	15	1770	DFT	QPSK	Inner_Full	22.02	19.72	21.12
DC_7A-n66A	20	15	1770	DFT	QPSK	Edge_1RB_Left	20.85	18.55	19.95
DC_7A-n66A	20	15	1770	DFT	QPSK	Edge_1RB_Right	20.85	18.55	19.95
DC_7A-n66A	20	15	1770	DFT	QPSK	Outer_Full	20.95	18.65	20.05
DC_7A-n66A	20	15	1770	DFT	16QAM	Inner_Full	21.07	18.77	20.17



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DC_7A-n66A	20	15	1770	DFT	16QAM	Edge_1RB_Left	19.67	17.37	18.77
DC_7A-n66A	20	15	1770	DFT	16QAM	Edge_1RB_Right	19.7	17.4	18.8
DC_7A-n66A	20	15	1770	DFT	16QAM	Outer_Full	19.95	17.65	19.05
DC_7A-n66A	20	15	1770	DFT	64QAM	Inner_Full	19.51	17.21	18.61
DC_7A-n66A	20	15	1770	DFT	64QAM	Edge_1RB_Left	19.62	17.32	18.72
DC_7A-n66A	20	15	1770	DFT	64QAM	Edge_1RB_Right	19.6	17.3	18.7
DC_7A-n66A	20	15	1770	DFT	64QAM	Outer_Full	19.35	17.05	18.45
DC_7A-n66A	20	15	1770	DFT	256QAM	Inner_Full	17.66	15.36	16.76
DC_7A-n66A	20	15	1770	DFT	256QAM	Edge_1RB_Left	17.35	15.05	16.45
DC_7A-n66A	20	15	1770	DFT	256QAM	Edge_1RB_Right	17.41	15.11	16.51
DC_7A-n66A	20	15	1770	DFT	256QAM	Outer_Full	17.57	15.27	16.67
DC_7A-n66A	20	15	1770	CP	QPSK	Inner_Full	20.47	18.17	19.57
DC_7A-n66A	20	15	1770	CP	QPSK	Edge_1RB_Left	19.09	16.79	18.19
DC_7A-n66A	20	15	1770	CP	QPSK	Edge_1RB_Right	19.14	16.84	18.24
DC_7A-n66A	20	15	1770	CP	QPSK	Outer_Full	19.05	16.75	18.15
DC_7A-n66A	20	15	1770	CP	16QAM	Inner_Full	20.01	17.71	19.11
DC_7A-n66A	20	15	1770	CP	16QAM	Edge_1RB_Left	18.96	16.66	18.06
DC_7A-n66A	20	15	1770	CP	16QAM	Edge_1RB_Right	19.05	16.75	18.15
DC_7A-n66A	20	15	1770	CP	16QAM	Outer_Full	19.05	16.75	18.15
DC_7A-n66A	20	15	1770	CP	64QAM	Inner_Full	18.67	16.37	17.77
DC_7A-n66A	20	15	1770	CP	64QAM	Edge_1RB_Left	18.68	16.38	17.78
DC_7A-n66A	20	15	1770	CP	64QAM	Edge_1RB_Right	18.69	16.39	17.79
DC_7A-n66A	20	15	1770	CP	64QAM	Outer_Full	18.52	16.22	17.62
DC_7A-n66A	20	15	1770	CP	256QAM	Inner_Full	15.57	13.27	14.67
DC_7A-n66A	20	15	1770	CP	256QAM	Edge_1RB_Left	15.48	13.18	14.58
DC_7A-n66A	20	15	1770	CP	256QAM	Edge_1RB_Right	15.56	13.26	14.66
DC_7A-n66A	20	15	1770	CP	256QAM	Outer_Full	15.53	13.23	14.63
DC_7A-n66A	25	15	1722.5	DFT	pi/2 BPSK	Inner_Full	22.04	19.74	21.14
DC_7A-n66A	25	15	1722.5	DFT	pi/2 BPSK	Edge_1RB_Left	21.17	18.87	20.27



No. I22N01710-RF-NR

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DC_7A-n66A	25	15	1722.5	DFT	pi/2 BPSK	Edge_1RB_Right	21.55	19.25	20.65
DC_7A-n66A	25	15	1722.5	DFT	pi/2 BPSK	Outer_Full	21.52	19.22	20.62
DC_7A-n66A	25	15	1722.5	DFT	QPSK	Inner_Full	22.02	19.72	21.12
DC_7A-n66A	25	15	1722.5	DFT	QPSK	Edge_1RB_Left	20.65	18.35	19.75
DC_7A-n66A	25	15	1722.5	DFT	QPSK	Edge_1RB_Right	21.07	18.77	20.17
DC_7A-n66A	25	15	1722.5	DFT	QPSK	Outer_Full	21.08	18.78	20.18
DC_7A-n66A	25	15	1722.5	DFT	16QAM	Inner_Full	21.03	18.73	20.13
DC_7A-n66A	25	15	1722.5	DFT	16QAM	Edge_1RB_Left	19.48	17.18	18.58
DC_7A-n66A	25	15	1722.5	DFT	16QAM	Edge_1RB_Right	19.85	17.55	18.95
DC_7A-n66A	25	15	1722.5	DFT	16QAM	Outer_Full	20.06	17.76	19.16
DC_7A-n66A	25	15	1722.5	DFT	64QAM	Inner_Full	19.56	17.26	18.66
DC_7A-n66A	25	15	1722.5	DFT	64QAM	Edge_1RB_Left	19.41	17.11	18.51
DC_7A-n66A	25	15	1722.5	DFT	64QAM	Edge_1RB_Right	19.79	17.49	18.89
DC_7A-n66A	25	15	1722.5	DFT	64QAM	Outer_Full	19.55	17.25	18.65
DC_7A-n66A	25	15	1722.5	DFT	256QAM	Inner_Full	17.61	15.31	16.71
DC_7A-n66A	25	15	1722.5	DFT	256QAM	Edge_1RB_Left	17.16	14.86	16.26
DC_7A-n66A	25	15	1722.5	DFT	256QAM	Edge_1RB_Right	17.6	15.3	16.7
DC_7A-n66A	25	15	1722.5	DFT	256QAM	Outer_Full	17.66	15.36	16.76
DC_7A-n66A	25	15	1722.5	CP	QPSK	Inner_Full	20.53	18.23	19.63
DC_7A-n66A	25	15	1722.5	CP	QPSK	Edge_1RB_Left	18.91	16.61	18.01
DC_7A-n66A	25	15	1722.5	CP	QPSK	Edge_1RB_Right	19.26	16.96	18.36
DC_7A-n66A	25	15	1722.5	CP	QPSK	Outer_Full	19.14	16.84	18.24
DC_7A-n66A	25	15	1722.5	CP	16QAM	Inner_Full	20.04	17.74	19.14
DC_7A-n66A	25	15	1722.5	CP	16QAM	Edge_1RB_Left	18.77	16.47	17.87
DC_7A-n66A	25	15	1722.5	CP	16QAM	Edge_1RB_Right	19.16	16.86	18.26
DC_7A-n66A	25	15	1722.5	CP	16QAM	Outer_Full	19.19	16.89	18.29
DC_7A-n66A	25	15	1722.5	CP	64QAM	Inner_Full	18.69	16.39	17.79
DC_7A-n66A	25	15	1722.5	CP	64QAM	Edge_1RB_Left	18.47	16.17	17.57
DC_7A-n66A	25	15	1722.5	CP	64QAM	Edge_1RB_Right	18.79	16.49	17.89



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DC_7A-n66A	25	15	1722.5	CP	64QAM	Outer_Full	18.62	16.32	17.72
DC_7A-n66A	25	15	1722.5	CP	256QAM	Inner_Full	15.57	13.27	14.67
DC_7A-n66A	25	15	1722.5	CP	256QAM	Edge_1RB_Left	15.18	12.88	14.28
DC_7A-n66A	25	15	1722.5	CP	256QAM	Edge_1RB_Right	15.57	13.27	14.67
DC_7A-n66A	25	15	1722.5	CP	256QAM	Outer_Full	15.54	13.24	14.64
DC_7A-n66A	25	15	1745	DFT	pi/2 BPSK	Inner_Full	22.31	20.01	21.41
DC_7A-n66A	25	15	1745	DFT	pi/2 BPSK	Edge_1RB_Left	21.44	19.14	20.54
DC_7A-n66A	25	15	1745	DFT	pi/2 BPSK	Edge_1RB_Right	21.46	19.16	20.56
DC_7A-n66A	25	15	1745	DFT	pi/2 BPSK	Outer_Full	21.69	19.39	20.79
DC_7A-n66A	25	15	1745	DFT	QPSK	Inner_Full	22.3	20	21.4
DC_7A-n66A	25	15	1745	DFT	QPSK	Edge_1RB_Left	20.93	18.63	20.03
DC_7A-n66A	25	15	1745	DFT	QPSK	Edge_1RB_Right	20.88	18.58	19.98
DC_7A-n66A	25	15	1745	DFT	QPSK	Outer_Full	21.15	18.85	20.25
DC_7A-n66A	25	15	1745	DFT	16QAM	Inner_Full	21.31	19.01	20.41
DC_7A-n66A	25	15	1745	DFT	16QAM	Edge_1RB_Left	19.73	17.43	18.83
DC_7A-n66A	25	15	1745	DFT	16QAM	Edge_1RB_Right	19.75	17.45	18.85
DC_7A-n66A	25	15	1745	DFT	16QAM	Outer_Full	20.13	17.83	19.23
DC_7A-n66A	25	15	1745	DFT	64QAM	Inner_Full	19.81	17.51	18.91
DC_7A-n66A	25	15	1745	DFT	64QAM	Edge_1RB_Left	19.67	17.37	18.77
DC_7A-n66A	25	15	1745	DFT	64QAM	Edge_1RB_Right	19.67	17.37	18.77
DC_7A-n66A	25	15	1745	DFT	64QAM	Outer_Full	19.68	17.38	18.78
DC_7A-n66A	25	15	1745	DFT	256QAM	Inner_Full	17.84	15.54	16.94
DC_7A-n66A	25	15	1745	DFT	256QAM	Edge_1RB_Left	17.43	15.13	16.53
DC_7A-n66A	25	15	1745	DFT	256QAM	Edge_1RB_Right	17.47	15.17	16.57
DC_7A-n66A	25	15	1745	DFT	256QAM	Outer_Full	17.81	15.51	16.91
DC_7A-n66A	25	15	1745	CP	QPSK	Inner_Full	20.72	18.42	19.82
DC_7A-n66A	25	15	1745	CP	QPSK	Edge_1RB_Left	19.15	16.85	18.25
DC_7A-n66A	25	15	1745	CP	QPSK	Edge_1RB_Right	19.11	16.81	18.21
DC_7A-n66A	25	15	1745	CP	QPSK	Outer_Full	19.26	16.96	18.36



No. I22N01710-RF-NR

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DC_7A-n66A	25	15	1745	CP	16QAM	Inner_Full	20.22	17.92	19.32
DC_7A-n66A	25	15	1745	CP	16QAM	Edge_1RB_Left	19	16.7	18.1
DC_7A-n66A	25	15	1745	CP	16QAM	Edge_1RB_Right	19.08	16.78	18.18
DC_7A-n66A	25	15	1745	CP	16QAM	Outer_Full	19.32	17.02	18.42
DC_7A-n66A	25	15	1745	CP	64QAM	Inner_Full	18.88	16.58	17.98
DC_7A-n66A	25	15	1745	CP	64QAM	Edge_1RB_Left	18.74	16.44	17.84
DC_7A-n66A	25	15	1745	CP	64QAM	Edge_1RB_Right	18.71	16.41	17.81
DC_7A-n66A	25	15	1745	CP	64QAM	Outer_Full	18.79	16.49	17.89
DC_7A-n66A	25	15	1745	CP	256QAM	Inner_Full	15.83	13.53	14.93
DC_7A-n66A	25	15	1745	CP	256QAM	Edge_1RB_Left	15.48	13.18	14.58
DC_7A-n66A	25	15	1745	CP	256QAM	Edge_1RB_Right	15.48	13.18	14.58
DC_7A-n66A	25	15	1745	CP	256QAM	Outer_Full	15.67	13.37	14.77
DC_7A-n66A	25	15	1767.5	DFT	pi/2 BPSK	Inner_Full	22.02	19.72	21.12
DC_7A-n66A	25	15	1767.5	DFT	pi/2 BPSK	Edge_1RB_Left	21.35	19.05	20.45
DC_7A-n66A	25	15	1767.5	DFT	pi/2 BPSK	Edge_1RB_Right	21.25	18.95	20.35
DC_7A-n66A	25	15	1767.5	DFT	pi/2 BPSK	Outer_Full	21.39	19.09	20.49
DC_7A-n66A	25	15	1767.5	DFT	QPSK	Inner_Full	22.02	19.72	21.12
DC_7A-n66A	25	15	1767.5	DFT	QPSK	Edge_1RB_Left	20.87	18.57	19.97
DC_7A-n66A	25	15	1767.5	DFT	QPSK	Edge_1RB_Right	20.7	18.4	19.8
DC_7A-n66A	25	15	1767.5	DFT	QPSK	Outer_Full	20.89	18.59	19.99
DC_7A-n66A	25	15	1767.5	DFT	16QAM	Inner_Full	21.01	18.71	20.11
DC_7A-n66A	25	15	1767.5	DFT	16QAM	Edge_1RB_Left	19.67	17.37	18.77
DC_7A-n66A	25	15	1767.5	DFT	16QAM	Edge_1RB_Right	19.5	17.2	18.6
DC_7A-n66A	25	15	1767.5	DFT	16QAM	Outer_Full	19.88	17.58	18.98
DC_7A-n66A	25	15	1767.5	DFT	64QAM	Inner_Full	19.51	17.21	18.61
DC_7A-n66A	25	15	1767.5	DFT	64QAM	Edge_1RB_Left	19.62	17.32	18.72
DC_7A-n66A	25	15	1767.5	DFT	64QAM	Edge_1RB_Right	19.45	17.15	18.55
DC_7A-n66A	25	15	1767.5	DFT	64QAM	Outer_Full	19.42	17.12	18.52
DC_7A-n66A	25	15	1767.5	DFT	256QAM	Inner_Full	17.57	15.27	16.67



No. I22N01710-RF-NR

BAND	BW (MHz)	SCS (kHz)	FREQ (MHz)	OFDM	MODULATION	RB LOCATION	POWER (dBm)	EIRP(dBm) (Upper)	EIRP(dBm) (Lower)
DC_7A-n66A	25	15	1767.5	DFT	256QAM	Edge_1RB_Left	17.31	15.01	16.41
DC_7A-n66A	25	15	1767.5	DFT	256QAM	Edge_1RB_Right	17.23	14.93	16.33
DC_7A-n66A	25	15	1767.5	DFT	256QAM	Outer_Full	17.56	15.26	16.66
DC_7A-n66A	25	15	1767.5	CP	QPSK	Inner_Full	20.48	18.18	19.58
DC_7A-n66A	25	15	1767.5	CP	QPSK	Edge_1RB_Left	19.02	16.72	18.12
DC_7A-n66A	25	15	1767.5	CP	QPSK	Edge_1RB_Right	18.9	16.6	18
DC_7A-n66A	25	15	1767.5	CP	QPSK	Outer_Full	18.98	16.68	18.08
DC_7A-n66A	25	15	1767.5	CP	16QAM	Inner_Full	19.95	17.65	19.05
DC_7A-n66A	25	15	1767.5	CP	16QAM	Edge_1RB_Left	18.97	16.67	18.07
DC_7A-n66A	25	15	1767.5	CP	16QAM	Edge_1RB_Right	18.8	16.5	17.9
DC_7A-n66A	25	15	1767.5	CP	16QAM	Outer_Full	19.02	16.72	18.12
DC_7A-n66A	25	15	1767.5	CP	64QAM	Inner_Full	18.66	16.36	17.76
DC_7A-n66A	25	15	1767.5	CP	64QAM	Edge_1RB_Left	18.58	16.28	17.68
DC_7A-n66A	25	15	1767.5	CP	64QAM	Edge_1RB_Right	18.55	16.25	17.65
DC_7A-n66A	25	15	1767.5	CP	64QAM	Outer_Full	18.51	16.21	17.61
DC_7A-n66A	25	15	1767.5	CP	256QAM	Inner_Full	15.57	13.27	14.67
DC_7A-n66A	25	15	1767.5	CP	256QAM	Edge_1RB_Left	15.47	13.17	14.57
DC_7A-n66A	25	15	1767.5	CP	256QAM	Edge_1RB_Right	15.29	12.99	14.39
DC_7A-n66A	25	15	1767.5	CP	256QAM	Outer_Full	15.43	13.13	14.53
DC_7A-n66A	30	15	1725	DFT	pi/2 BPSK	Inner_Full	22.11	19.81	21.21
DC_7A-n66A	30	15	1725	DFT	pi/2 BPSK	Edge_1RB_Left	21.02	18.72	20.12
DC_7A-n66A	30	15	1725	DFT	pi/2 BPSK	Edge_1RB_Right	21.46	19.16	20.56
DC_7A-n66A	30	15	1725	DFT	pi/2 BPSK	Outer_Full	21.65	19.35	20.75
DC_7A-n66A	30	15	1725	DFT	QPSK	Inner_Full	22.11	19.81	21.21
DC_7A-n66A	30	15	1725	DFT	QPSK	Edge_1RB_Left	20.55	18.25	19.65
DC_7A-n66A	30	15	1725	DFT	QPSK	Edge_1RB_Right	20.93	18.63	20.03
DC_7A-n66A	30	15	1725	DFT	QPSK	Outer_Full	21.13	18.83	20.23
DC_7A-n66A	30	15	1725	DFT	16QAM	Inner_Full	21.11	18.81	20.21
DC_7A-n66A	30	15	1725	DFT	16QAM	Edge_1RB_Left	19.41	17.11	18.51



No. I22N01710-RF-NR

BAND	BW (MHz)	SCS (kHz)	FREQ (MHz)	OFDM	MODULATION	RB LOCATION	POWER (dBm)	EIRP(dBm) (Upper)	EIRP(dBm) (Lower)
DC_7A-n66A	30	15	1725	DFT	16QAM	Edge_1RB_Right	19.88	17.58	18.98
DC_7A-n66A	30	15	1725	DFT	16QAM	Outer_Full	20.08	17.78	19.18
DC_7A-n66A	30	15	1725	DFT	64QAM	Inner_Full	19.53	17.23	18.63
DC_7A-n66A	30	15	1725	DFT	64QAM	Edge_1RB_Left	19.27	16.97	18.37
DC_7A-n66A	30	15	1725	DFT	64QAM	Edge_1RB_Right	19.7	17.4	18.8
DC_7A-n66A	30	15	1725	DFT	64QAM	Outer_Full	19.58	17.28	18.68
DC_7A-n66A	30	15	1725	DFT	256QAM	Inner_Full	17.64	15.34	16.74
DC_7A-n66A	30	15	1725	DFT	256QAM	Edge_1RB_Left	17.03	14.73	16.13
DC_7A-n66A	30	15	1725	DFT	256QAM	Edge_1RB_Right	17.43	15.13	16.53
DC_7A-n66A	30	15	1725	DFT	256QAM	Outer_Full	17.7	15.4	16.8
DC_7A-n66A	30	15	1725	CP	QPSK	Inner_Full	20.56	18.26	19.66
DC_7A-n66A	30	15	1725	CP	QPSK	Edge_1RB_Left	18.74	16.44	17.84
DC_7A-n66A	30	15	1725	CP	QPSK	Edge_1RB_Right	19.25	16.95	18.35
DC_7A-n66A	30	15	1725	CP	QPSK	Outer_Full	19.19	16.89	18.29
DC_7A-n66A	30	15	1725	CP	16QAM	Inner_Full	20.06	17.76	19.16
DC_7A-n66A	30	15	1725	CP	16QAM	Edge_1RB_Left	18.65	16.35	17.75
DC_7A-n66A	30	15	1725	CP	16QAM	Edge_1RB_Right	19.16	16.86	18.26
DC_7A-n66A	30	15	1725	CP	16QAM	Outer_Full	19.24	16.94	18.34
DC_7A-n66A	30	15	1725	CP	64QAM	Inner_Full	18.66	16.36	17.76
DC_7A-n66A	30	15	1725	CP	64QAM	Edge_1RB_Left	18.27	15.97	17.37
DC_7A-n66A	30	15	1725	CP	64QAM	Edge_1RB_Right	18.82	16.52	17.92
DC_7A-n66A	30	15	1725	CP	64QAM	Outer_Full	18.7	16.4	17.8
DC_7A-n66A	30	15	1725	CP	256QAM	Inner_Full	15.67	13.37	14.77
DC_7A-n66A	30	15	1725	CP	256QAM	Edge_1RB_Left	15.15	12.85	14.25
DC_7A-n66A	30	15	1725	CP	256QAM	Edge_1RB_Right	15.63	13.33	14.73
DC_7A-n66A	30	15	1725	CP	256QAM	Outer_Full	15.74	13.44	14.84
DC_7A-n66A	30	15	1745	DFT	pi/2 BPSK	Inner_Full	22.23	19.93	21.33
DC_7A-n66A	30	15	1745	DFT	pi/2 BPSK	Edge_1RB_Left	21.23	18.93	20.33
DC_7A-n66A	30	15	1745	DFT	pi/2 BPSK	Edge_1RB_Right	21.33	19.03	20.43



No. I22N01710-RF-NR

BAND	BW (MHz)	SCS (kHz)	FREQ (MHz)	OFDM	MODULATION	RB LOCATION	POWER (dBm)	EIRP(dBm) (Upper)	EIRP(dBm) (Lower)
DC_7A-n66A	30	15	1745	DFT	pi/2 BPSK	Outer_Full	21.54	19.24	20.64
DC_7A-n66A	30	15	1745	DFT	QPSK	Inner_Full	22.27	19.97	21.37
DC_7A-n66A	30	15	1745	DFT	QPSK	Edge_1RB_Left	20.75	18.45	19.85
DC_7A-n66A	30	15	1745	DFT	QPSK	Edge_1RB_Right	20.82	18.52	19.92
DC_7A-n66A	30	15	1745	DFT	QPSK	Outer_Full	21.11	18.81	20.21
DC_7A-n66A	30	15	1745	DFT	16QAM	Inner_Full	21.23	18.93	20.33
DC_7A-n66A	30	15	1745	DFT	16QAM	Edge_1RB_Left	19.56	17.26	18.66
DC_7A-n66A	30	15	1745	DFT	16QAM	Edge_1RB_Right	19.61	17.31	18.71
DC_7A-n66A	30	15	1745	DFT	16QAM	Outer_Full	20.06	17.76	19.16
DC_7A-n66A	30	15	1745	DFT	64QAM	Inner_Full	19.75	17.45	18.85
DC_7A-n66A	30	15	1745	DFT	64QAM	Edge_1RB_Left	19.46	17.16	18.56
DC_7A-n66A	30	15	1745	DFT	64QAM	Edge_1RB_Right	19.55	17.25	18.65
DC_7A-n66A	30	15	1745	DFT	64QAM	Outer_Full	19.52	17.22	18.62
DC_7A-n66A	30	15	1745	DFT	256QAM	Inner_Full	17.84	15.54	16.94
DC_7A-n66A	30	15	1745	DFT	256QAM	Edge_1RB_Left	17.16	14.86	16.26
DC_7A-n66A	30	15	1745	DFT	256QAM	Edge_1RB_Right	17.25	14.95	16.35
DC_7A-n66A	30	15	1745	DFT	256QAM	Outer_Full	17.75	15.45	16.85
DC_7A-n66A	30	15	1745	CP	QPSK	Inner_Full	20.68	18.38	19.78
DC_7A-n66A	30	15	1745	CP	QPSK	Edge_1RB_Left	18.99	16.69	18.09
DC_7A-n66A	30	15	1745	CP	QPSK	Edge_1RB_Right	19.1	16.8	18.2
DC_7A-n66A	30	15	1745	CP	QPSK	Outer_Full	19.21	16.91	18.31
DC_7A-n66A	30	15	1745	CP	16QAM	Inner_Full	20.23	17.93	19.33
DC_7A-n66A	30	15	1745	CP	16QAM	Edge_1RB_Left	18.72	16.42	17.82
DC_7A-n66A	30	15	1745	CP	16QAM	Edge_1RB_Right	18.88	16.58	17.98
DC_7A-n66A	30	15	1745	CP	16QAM	Outer_Full	19.13	16.83	18.23
DC_7A-n66A	30	15	1745	CP	64QAM	Inner_Full	18.88	16.58	17.98
DC_7A-n66A	30	15	1745	CP	64QAM	Edge_1RB_Left	18.49	16.19	17.59
DC_7A-n66A	30	15	1745	CP	64QAM	Edge_1RB_Right	18.68	16.38	17.78
DC_7A-n66A	30	15	1745	CP	64QAM	Outer_Full	18.67	16.37	17.77



No. I22N01710-RF-NR

BAND	BW (MHz)	SCS (kHz)	FREQ (MHz)	OFDM	MODULATION	RB LOCATION	POWER (dBm)	EIRP(dBm) (Upper)	EIRP(dBm) (Lower)
DC_7A-n66A	30	15	1745	CP	256QAM	Inner_Full	15.81	13.51	14.91
DC_7A-n66A	30	15	1745	CP	256QAM	Edge_1RB_Left	15.36	13.06	14.46
DC_7A-n66A	30	15	1745	CP	256QAM	Edge_1RB_Right	15.46	13.16	14.56
DC_7A-n66A	30	15	1745	CP	256QAM	Outer_Full	15.64	13.34	14.74
DC_7A-n66A	30	15	1765	DFT	pi/2 BPSK	Inner_Full	22.03	19.73	21.13
DC_7A-n66A	30	15	1765	DFT	pi/2 BPSK	Edge_1RB_Left	21.29	18.99	20.39
DC_7A-n66A	30	15	1765	DFT	pi/2 BPSK	Edge_1RB_Right	21.08	18.78	20.18
DC_7A-n66A	30	15	1765	DFT	pi/2 BPSK	Outer_Full	21.4	19.1	20.5
DC_7A-n66A	30	15	1765	DFT	QPSK	Inner_Full	22.04	19.74	21.14
DC_7A-n66A	30	15	1765	DFT	QPSK	Edge_1RB_Left	20.77	18.47	19.87
DC_7A-n66A	30	15	1765	DFT	QPSK	Edge_1RB_Right	20.55	18.25	19.65
DC_7A-n66A	30	15	1765	DFT	QPSK	Outer_Full	20.91	18.61	20.01
DC_7A-n66A	30	15	1765	DFT	16QAM	Inner_Full	21.01	18.71	20.11
DC_7A-n66A	30	15	1765	DFT	16QAM	Edge_1RB_Left	19.65	17.35	18.75
DC_7A-n66A	30	15	1765	DFT	16QAM	Edge_1RB_Right	19.39	17.09	18.49
DC_7A-n66A	30	15	1765	DFT	16QAM	Outer_Full	19.87	17.57	18.97
DC_7A-n66A	30	15	1765	DFT	64QAM	Inner_Full	19.57	17.27	18.67
DC_7A-n66A	30	15	1765	DFT	64QAM	Edge_1RB_Left	19.52	17.22	18.62
DC_7A-n66A	30	15	1765	DFT	64QAM	Edge_1RB_Right	19.3	17	18.4
DC_7A-n66A	30	15	1765	DFT	64QAM	Outer_Full	19.38	17.08	18.48
DC_7A-n66A	30	15	1765	DFT	256QAM	Inner_Full	17.65	15.35	16.75
DC_7A-n66A	30	15	1765	DFT	256QAM	Edge_1RB_Left	17.28	14.98	16.38
DC_7A-n66A	30	15	1765	DFT	256QAM	Edge_1RB_Right	17.03	14.73	16.13
DC_7A-n66A	30	15	1765	DFT	256QAM	Outer_Full	17.56	15.26	16.66
DC_7A-n66A	30	15	1765	CP	QPSK	Inner_Full	20.46	18.16	19.56
DC_7A-n66A	30	15	1765	CP	QPSK	Edge_1RB_Left	18.94	16.64	18.04
DC_7A-n66A	30	15	1765	CP	QPSK	Edge_1RB_Right	18.86	16.56	17.96
DC_7A-n66A	30	15	1765	CP	QPSK	Outer_Full	19.02	16.72	18.12
DC_7A-n66A	30	15	1765	CP	16QAM	Inner_Full	20	17.7	19.1



No. I22N01710-RF-NR

BAND	BW (MHz)	SCS (kHz)	FREQ (MHz)	OFDM	MODULATION	RB LOCATION	POWER (dBm)	EIRP(dBm) (Upper)	EIRP(dBm) (Lower)
DC_7A-n66A	30	15	1765	CP	16QAM	Edge_1RB_Left	18.92	16.62	18.02
DC_7A-n66A	30	15	1765	CP	16QAM	Edge_1RB_Right	18.75	16.45	17.85
DC_7A-n66A	30	15	1765	CP	16QAM	Outer_Full	18.95	16.65	18.05
DC_7A-n66A	30	15	1765	CP	64QAM	Inner_Full	18.64	16.34	17.74
DC_7A-n66A	30	15	1765	CP	64QAM	Edge_1RB_Left	18.54	16.24	17.64
DC_7A-n66A	30	15	1765	CP	64QAM	Edge_1RB_Right	18.44	16.14	17.54
DC_7A-n66A	30	15	1765	CP	64QAM	Outer_Full	18.47	16.17	17.57
DC_7A-n66A	30	15	1765	CP	256QAM	Inner_Full	15.57	13.27	14.67
DC_7A-n66A	30	15	1765	CP	256QAM	Edge_1RB_Left	15.36	13.06	14.46
DC_7A-n66A	30	15	1765	CP	256QAM	Edge_1RB_Right	15.29	12.99	14.39
DC_7A-n66A	30	15	1765	CP	256QAM	Outer_Full	15.52	13.22	14.62
DC_7A-n66A	40	15	1730	DFT	pi/2 BPSK	Inner_Full	22.1	19.8	21.2
DC_7A-n66A	40	15	1730	DFT	pi/2 BPSK	Edge_1RB_Left	20.8	18.5	19.9
DC_7A-n66A	40	15	1730	DFT	pi/2 BPSK	Edge_1RB_Right	21.24	18.94	20.34
DC_7A-n66A	40	15	1730	DFT	pi/2 BPSK	Outer_Full	21.64	19.34	20.74
DC_7A-n66A	40	15	1730	DFT	QPSK	Inner_Full	22.2	19.9	21.3
DC_7A-n66A	40	15	1730	DFT	QPSK	Edge_1RB_Left	20.29	17.99	19.39
DC_7A-n66A	40	15	1730	DFT	QPSK	Edge_1RB_Right	20.79	18.49	19.89
DC_7A-n66A	40	15	1730	DFT	QPSK	Outer_Full	21.13	18.83	20.23
DC_7A-n66A	40	15	1730	DFT	16QAM	Inner_Full	21.23	18.93	20.33
DC_7A-n66A	40	15	1730	DFT	16QAM	Edge_1RB_Left	19.26	16.96	18.36
DC_7A-n66A	40	15	1730	DFT	16QAM	Edge_1RB_Right	19.59	17.29	18.69
DC_7A-n66A	40	15	1730	DFT	16QAM	Outer_Full	20.14	17.84	19.24
DC_7A-n66A	40	15	1730	DFT	64QAM	Inner_Full	19.7	17.4	18.8
DC_7A-n66A	40	15	1730	DFT	64QAM	Edge_1RB_Left	19.06	16.76	18.16
DC_7A-n66A	40	15	1730	DFT	64QAM	Edge_1RB_Right	19.52	17.22	18.62
DC_7A-n66A	40	15	1730	DFT	64QAM	Outer_Full	19.63	17.33	18.73
DC_7A-n66A	40	15	1730	DFT	256QAM	Inner_Full	17.72	15.42	16.82
DC_7A-n66A	40	15	1730	DFT	256QAM	Edge_1RB_Left	16.81	14.51	15.91



No. I22N01710-RF-NR

BAND	BW (MHz)	SCS (kHz)	FREQ (MHz)	OFDM	MODULATION	RB LOCATION	POWER (dBm)	EIRP(dBm) (Upper)	EIRP(dBm) (Lower)
DC_7A-n66A	40	15	1730	DFT	256QAM	Edge_1RB_Right	17.26	14.96	16.36
DC_7A-n66A	40	15	1730	DFT	256QAM	Outer_Full	17.72	15.42	16.82
DC_7A-n66A	40	15	1730	CP	QPSK	Inner_Full	20.63	18.33	19.73
DC_7A-n66A	40	15	1730	CP	QPSK	Edge_1RB_Left	18.55	16.25	17.65
DC_7A-n66A	40	15	1730	CP	QPSK	Edge_1RB_Right	18.99	16.69	18.09
DC_7A-n66A	40	15	1730	CP	QPSK	Outer_Full	19.28	16.98	18.38
DC_7A-n66A	40	15	1730	CP	16QAM	Inner_Full	20.16	17.86	19.26
DC_7A-n66A	40	15	1730	CP	16QAM	Edge_1RB_Left	18.4	16.1	17.5
DC_7A-n66A	40	15	1730	CP	16QAM	Edge_1RB_Right	18.91	16.61	18.01
DC_7A-n66A	40	15	1730	CP	16QAM	Outer_Full	19.26	16.96	18.36
DC_7A-n66A	40	15	1730	CP	64QAM	Inner_Full	18.77	16.47	17.87
DC_7A-n66A	40	15	1730	CP	64QAM	Edge_1RB_Left	18.04	15.74	17.14
DC_7A-n66A	40	15	1730	CP	64QAM	Edge_1RB_Right	18.56	16.26	17.66
DC_7A-n66A	40	15	1730	CP	64QAM	Outer_Full	18.79	16.49	17.89
DC_7A-n66A	40	15	1730	CP	256QAM	Inner_Full	15.75	13.45	14.85
DC_7A-n66A	40	15	1730	CP	256QAM	Edge_1RB_Left	14.85	12.55	13.95
DC_7A-n66A	40	15	1730	CP	256QAM	Edge_1RB_Right	15.39	13.09	14.49
DC_7A-n66A	40	15	1730	CP	256QAM	Outer_Full	15.73	13.43	14.83
DC_7A-n66A	40	15	1745	DFT	pi/2 BPSK	Inner_Full	22.26	19.96	21.36
DC_7A-n66A	40	15	1745	DFT	pi/2 BPSK	Edge_1RB_Left	20.94	18.64	20.04
DC_7A-n66A	40	15	1745	DFT	pi/2 BPSK	Edge_1RB_Right	21.02	18.72	20.12
DC_7A-n66A	40	15	1745	DFT	pi/2 BPSK	Outer_Full	21.45	19.15	20.55
DC_7A-n66A	40	15	1745	DFT	QPSK	Inner_Full	22.26	19.96	21.36
DC_7A-n66A	40	15	1745	DFT	QPSK	Edge_1RB_Left	20.45	18.15	19.55
DC_7A-n66A	40	15	1745	DFT	QPSK	Edge_1RB_Right	20.53	18.23	19.63
DC_7A-n66A	40	15	1745	DFT	QPSK	Outer_Full	20.97	18.67	20.07
DC_7A-n66A	40	15	1745	DFT	16QAM	Inner_Full	21.28	18.98	20.38
DC_7A-n66A	40	15	1745	DFT	16QAM	Edge_1RB_Left	19.27	16.97	18.37
DC_7A-n66A	40	15	1745	DFT	16QAM	Edge_1RB_Right	19.38	17.08	18.48



No. I22N01710-RF-NR

BAND	BW (MHz)	SCS (kHz)	FREQ (MHz)	OFDM	MODULATION	RB LOCATION	POWER (dBm)	EIRP(dBm) (Upper)	EIRP(dBm) (Lower)
DC_7A-n66A	40	15	1745	DFT	16QAM	Outer_Full	19.96	17.66	19.06
DC_7A-n66A	40	15	1745	DFT	64QAM	Inner_Full	19.77	17.47	18.87
DC_7A-n66A	40	15	1745	DFT	64QAM	Edge_1RB_Left	19.21	16.91	18.31
DC_7A-n66A	40	15	1745	DFT	64QAM	Edge_1RB_Right	19.27	16.97	18.37
DC_7A-n66A	40	15	1745	DFT	64QAM	Outer_Full	19.48	17.18	18.58
DC_7A-n66A	40	15	1745	DFT	256QAM	Inner_Full	17.81	15.51	16.91
DC_7A-n66A	40	15	1745	DFT	256QAM	Edge_1RB_Left	16.94	14.64	16.04
DC_7A-n66A	40	15	1745	DFT	256QAM	Edge_1RB_Right	17.04	14.74	16.14
DC_7A-n66A	40	15	1745	DFT	256QAM	Outer_Full	17.59	15.29	16.69
DC_7A-n66A	40	15	1745	CP	QPSK	Inner_Full	20.7	18.4	19.8
DC_7A-n66A	40	15	1745	CP	QPSK	Edge_1RB_Left	18.65	16.35	17.75
DC_7A-n66A	40	15	1745	CP	QPSK	Edge_1RB_Right	18.81	16.51	17.91
DC_7A-n66A	40	15	1745	CP	QPSK	Outer_Full	19.03	16.73	18.13
DC_7A-n66A	40	15	1745	CP	16QAM	Inner_Full	20.19	17.89	19.29
DC_7A-n66A	40	15	1745	CP	16QAM	Edge_1RB_Left	18.56	16.26	17.66
DC_7A-n66A	40	15	1745	CP	16QAM	Edge_1RB_Right	18.72	16.42	17.82
DC_7A-n66A	40	15	1745	CP	16QAM	Outer_Full	19.05	16.75	18.15
DC_7A-n66A	40	15	1745	CP	64QAM	Inner_Full	18.86	16.56	17.96
DC_7A-n66A	40	15	1745	CP	64QAM	Edge_1RB_Left	18.21	15.91	17.31
DC_7A-n66A	40	15	1745	CP	64QAM	Edge_1RB_Right	18.36	16.06	17.46
DC_7A-n66A	40	15	1745	CP	64QAM	Outer_Full	18.58	16.28	17.68
DC_7A-n66A	40	15	1745	CP	256QAM	Inner_Full	15.79	13.49	14.89
DC_7A-n66A	40	15	1745	CP	256QAM	Edge_1RB_Left	14.94	12.64	14.04
DC_7A-n66A	40	15	1745	CP	256QAM	Edge_1RB_Right	15.12	12.82	14.22
DC_7A-n66A	40	15	1745	CP	256QAM	Outer_Full	15.55	13.25	14.65
DC_7A-n66A	40	15	1760	DFT	pi/2 BPSK	Inner_Full	22.08	19.78	21.18
DC_7A-n66A	40	15	1760	DFT	pi/2 BPSK	Edge_1RB_Left	21.12	18.82	20.22
DC_7A-n66A	40	15	1760	DFT	pi/2 BPSK	Edge_1RB_Right	20.96	18.66	20.06
DC_7A-n66A	40	15	1760	DFT	pi/2 BPSK	Outer_Full	21.47	19.17	20.57



No. I22N01710-RF-NR

BAND	BW (MHz)	SCS (kHz)	FREQ (MHz)	OFDM	MODULATION	RB LOCATION	POWER (dBm)	EIRP(dBm) (Upper)	EIRP(dBm) (Lower)
DC_7A-n66A	40	15	1760	DFT	QPSK	Inner_Full	22.07	19.77	21.17
DC_7A-n66A	40	15	1760	DFT	QPSK	Edge_1RB_Left	20.61	18.31	19.71
DC_7A-n66A	40	15	1760	DFT	QPSK	Edge_1RB_Right	20.41	18.11	19.51
DC_7A-n66A	40	15	1760	DFT	QPSK	Outer_Full	20.92	18.62	20.02
DC_7A-n66A	40	15	1760	DFT	16QAM	Inner_Full	21.15	18.85	20.25
DC_7A-n66A	40	15	1760	DFT	16QAM	Edge_1RB_Left	19.56	17.26	18.66
DC_7A-n66A	40	15	1760	DFT	16QAM	Edge_1RB_Right	19.27	16.97	18.37
DC_7A-n66A	40	15	1760	DFT	16QAM	Outer_Full	19.97	17.67	19.07
DC_7A-n66A	40	15	1760	DFT	64QAM	Inner_Full	19.59	17.29	18.69
DC_7A-n66A	40	15	1760	DFT	64QAM	Edge_1RB_Left	19.34	17.04	18.44
DC_7A-n66A	40	15	1760	DFT	64QAM	Edge_1RB_Right	19.19	16.89	18.29
DC_7A-n66A	40	15	1760	DFT	64QAM	Outer_Full	19.45	17.15	18.55
DC_7A-n66A	40	15	1760	DFT	256QAM	Inner_Full	17.68	15.38	16.78
DC_7A-n66A	40	15	1760	DFT	256QAM	Edge_1RB_Left	17.11	14.81	16.21
DC_7A-n66A	40	15	1760	DFT	256QAM	Edge_1RB_Right	16.93	14.63	16.03
DC_7A-n66A	40	15	1760	DFT	256QAM	Outer_Full	17.55	15.25	16.65
DC_7A-n66A	40	15	1760	CP	QPSK	Inner_Full	20.55	18.25	19.65
DC_7A-n66A	40	15	1760	CP	QPSK	Edge_1RB_Left	18.8	16.5	17.9
DC_7A-n66A	40	15	1760	CP	QPSK	Edge_1RB_Right	18.69	16.39	17.79
DC_7A-n66A	40	15	1760	CP	QPSK	Outer_Full	19.01	16.71	18.11
DC_7A-n66A	40	15	1760	CP	16QAM	Inner_Full	20.1	17.8	19.2
DC_7A-n66A	40	15	1760	CP	16QAM	Edge_1RB_Left	18.64	16.34	17.74
DC_7A-n66A	40	15	1760	CP	16QAM	Edge_1RB_Right	18.56	16.26	17.66
DC_7A-n66A	40	15	1760	CP	16QAM	Outer_Full	19.08	16.78	18.18
DC_7A-n66A	40	15	1760	CP	64QAM	Inner_Full	18.7	16.4	17.8
DC_7A-n66A	40	15	1760	CP	64QAM	Edge_1RB_Left	18.32	16.02	17.42
DC_7A-n66A	40	15	1760	CP	64QAM	Edge_1RB_Right	18.17	15.87	17.27
DC_7A-n66A	40	15	1760	CP	64QAM	Outer_Full	18.59	16.29	17.69
DC_7A-n66A	40	15	1760	CP	256QAM	Inner_Full	15.63	13.33	14.73



No. I22N01710-RF-NR

BAND	BW (MHz)	SCS (kHz)	FREQ (MHz)	OFDM	MODULATION	RB LOCATION	POWER (dBm)	EIRP(dBm) (Upper)	EIRP(dBm) (Lower)
DC_7A-n66A	40	15	1760	CP	256QAM	Edge_1RB_Left	15.18	12.88	14.28
DC_7A-n66A	40	15	1760	CP	256QAM	Edge_1RB_Right	15.07	12.77	14.17
DC_7A-n66A	40	15	1760	CP	256QAM	Outer_Full	15.57	13.27	14.67

A.2 FIELD STRENGTH OF SPURIOUS RADIATION

Reference

FCC: CFR 2.1053, 22.917, 27.53.

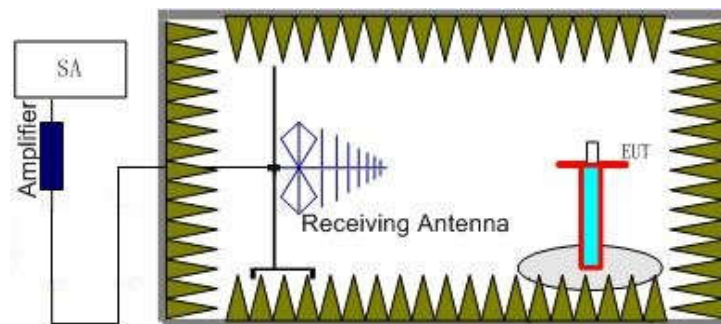
A.2.1 Measurement Method

This measurement is carried out in fully-anechoic chamber FAC-3.

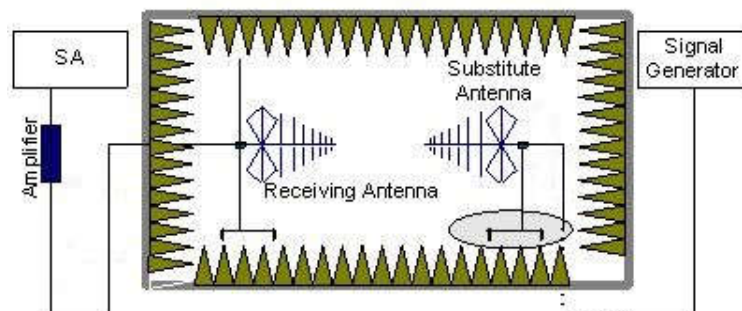
The spectrum was scanned from 30 MHz to the 10th harmonic of the highest frequency generated within the equipment, which is the transmitted carrier. The resolution bandwidth is set 1MHz as outlined in Part 22.917, 27.53(h) . The spectrum was scanned with the mobile station transmitting at carrier frequencies that pertain to low, mid and high channels of the NR Band.

The procedure of radiated spurious emissions is as follows:

1. For radiated emissions measurements performed at frequencies less than or equal to 1 GHz, EUT was placed on a 80 cm high non-conductive stand at a 3 meter test distance from the receive antenna. For radiated measurements performed at frequencies above 1 GHz, EUT was placed on a 1.5 meter high non-conductive stand at a 3 meter test distance from the receive antenna. Receiving antenna was placed on the antenna mast 3 meters from the EUT. For emission measurements. The receiving antenna shall be varied from 1 m to 4 m in height above the reference ground in a search for the relative positioning that produces the maximum radiated signal level. The test setup refers to figure below. Detected emissions were maximized at each frequency by rotating the EUT through 360° and adjusting the receiving antenna polarization. The radiated emission measurements of all transmit frequencies in three channels (High, Middle, Low) were measured with peak detector.



2. The EUT is then put into continuously transmitting mode at its maximum power level during the test. And the maximum value of the receiver should be recorded as (Pr).
3. The EUT shall be replaced by a substitution antenna. The test setup refers to figure below.





reference point of the chamber. An RF Signal source for the frequency band of interest is connected to the substitution antenna with a cable that has been constructed to not interfere with the radiation pattern of the antenna. A power (P_{Mea}) is applied to the input of the substitution antenna and adjusts the level of the signal generator output until the value of the receiver reaches the previously recorded (P_r). The power of signal source (P_{Mea}) is recorded. The test should be performed by rotating the test item and adjusting the receiving antenna polarization.

4. The Path loss (P_{pl}) between the Signal Source with the Substitution Antenna and the Substitution Antenna Gain(dBi) (G_a) should be recorded after test.

An amplifier should be connected in for the test.

The Path loss (P_{pl}) is the summation of the cable loss and the gain of the amplifier.

The measurement results are obtained as described below:

$$\text{Power (EIRP)} = P_{Mea} - P_{pl} + G_a$$

5. This value is EIRP since the measurement is calibrated using an antenna of known gain (unit: dBi) and known input power.
6. ERP can be calculated from EIRP by subtracting the gain of the dipole, $ERP = EIRP - 2.15\text{dB}$.

A.2.2 Measurement Results

Radiated emissions measurements were made only at the upper, middle, and lower carrier frequencies of the NR Band. It was decided that measurements at these three carrier frequencies would be sufficient to demonstrate compliance with emissions limits because it was seen that all the significant spurs occur well outside the band and no radiation was seen from a carrier in one block of the NR Band into any of the other blocks. The equipment must still, however, meet emissions requirements with the carrier at all frequencies over which it is capable of operating and it is the manufacturer's responsibility to verify this.

Only worst case result is given below.



Upper antenna

DC_7A_n5A, LTE 5MHz+NR 1.4MHz,DFT-OFDM, QPSK, Channel NR 165300

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
3297.75	-53.51	1.10	11.50	-43.11	-13.00	V
4629.00	-57.01	1.30	12.50	-45.81	-13.00	V
5745.38	-56.44	1.50	13.10	-44.84	-13.00	V
6521.71	-59.06	1.70	12.40	-48.36	-13.00	V
7920.71	-57.84	1.70	11.30	-48.24	-13.00	V
9455.57	-58.21	2.10	11.60	-48.71	-13.00	V

DC_7A_n5A, LTE 5MHz+NR 1.4MHz,DFT-OFDM, QPSK, Channel NR 167300

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
4579.88	-57.28	1.30	12.50	-46.08	-13.00	H
5533.88	-56.49	1.40	13.10	-44.79	-13.00	H
6619.71	-58.89	1.70	12.40	-48.19	-13.00	V
7662.57	-57.60	1.80	11.30	-48.10	-13.00	V
8838.43	-58.12	1.90	12.00	-48.02	-13.00	V
9465.00	-57.82	2.10	11.60	-48.32	-13.00	V

DC_7A_n5A, LTE 5MHz+NR 1.4MHz,DFT-OFDM, QPSK, Channel NR 169300

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
3378.00	-52.34	1.10	11.50	-41.94	-13.00	V
4630.50	-56.72	1.30	12.50	-45.52	-13.00	V
5295.38	-56.39	1.60	12.50	-45.49	-13.00	V
6601.86	-57.31	1.70	12.40	-46.61	-13.00	V
7945.00	-58.10	1.90	11.30	-48.70	-13.00	V
9453.29	-57.44	2.10	11.60	-47.94	-13.00	V



DC_2A_n7A, LTE 1.4MHz+NR 5MHz,DFT-OFDM, QPSK, Channel NR 500500

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
3756.00	-52.62	1.10	12.20	-41.52	-25.00	V
5634.00	-57.08	1.30	13.10	-45.28	-25.00	V
8244.92	-57.62	1.90	11.30	-48.22	-25.00	V
10418.77	-56.10	2.30	11.30	-47.10	-25.00	H
12627.69	-57.28	2.40	13.80	-45.88	-25.00	H
14893.38	-50.91	2.70	11.20	-42.41	-25.00	V

DC_2A_n7A, LTE 1.4MHz+NR 5MHz,DFT-OFDM, QPSK, Channel NR 507000

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
3756.00	-46.29	1.10	12.20	-35.19	-25.00	H
5634.00	-44.03	1.30	13.10	-32.23	-25.00	H
7512.00	-45.75	1.90	11.30	-36.35	-25.00	H
9390.00	-47.83	2.10	11.60	-38.33	-25.00	H
13394.31	-55.88	2.30	13.30	-44.88	-25.00	H
16947.69	-53.15	2.90	16.50	-39.55	-25.00	V

DC_2A_n7A, LTE 1.4MHz+NR 5MHz,DFT-OFDM, QPSK, Channel NR 513500

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
3759.38	-44.46	1.10	12.20	-33.36	-25.00	V
5638.88	-40.77	1.30	13.10	-28.97	-25.00	H
7518.00	-45.37	1.90	11.30	-35.97	-25.00	V
9397.38	-49.70	2.10	11.60	-40.20	-25.00	H
13258.62	-55.48	2.40	13.30	-44.58	-25.00	V
16973.08	-54.00	2.90	16.50	-40.40	-25.00	H



n38, 20MHz,DFT-OFDM, QPSK, Channel 515000

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
5996.25	-56.29	1.50	13.10	-44.69	-25.00	V
8231.08	-57.89	2.20	11.30	-48.79	-25.00	H
10408.62	-56.13	2.30	11.30	-47.13	-25.00	V
13588.62	-55.25	2.40	12.40	-45.25	-25.00	H
16147.85	-56.10	2.60	17.40	-41.30	-25.00	H
17292.46	-51.95	3.20	14.50	-40.65	-25.00	H

n38, 20MHz,DFT-OFDM, QPSK, Channel 519000

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
10528.62	-55.53	2.30	10.80	-47.03	-25.00	H
11460.00	-54.60	2.60	10.50	-46.70	-25.00	V
12193.38	-55.42	2.60	12.60	-45.42	-25.00	V
13370.31	-55.87	2.30	13.30	-44.87	-25.00	V
14963.08	-51.25	2.70	11.20	-42.75	-25.00	H
16889.08	-53.92	2.90	16.50	-40.32	-25.00	V

n38, 20MHz,DFT-OFDM, QPSK, Channel 523000

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
4835.25	-57.99	1.30	12.50	-46.79	-25.00	V
5998.12	-56.59	1.50	13.10	-44.99	-25.00	V
8243.54	-57.53	2.20	11.30	-48.43	-25.00	V
10456.15	-56.06	2.30	11.30	-47.06	-25.00	V
13543.38	-54.67	2.50	12.40	-44.77	-25.00	H
16988.77	-54.38	2.90	16.50	-40.78	-25.00	V

**n41, 20MHz,DFT-OFDM, QPSK, Channel 500202**

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
4524.75	-57.90	1.20	12.50	-46.60	-25.00	H
5991.00	-56.07	1.50	13.10	-44.47	-25.00	V
8914.62	-58.58	1.90	12.00	-48.48	-25.00	V
12905.08	-55.68	2.50	13.80	-44.38	-25.00	H
15186.92	-53.86	2.50	12.40	-43.96	-25.00	H
17041.85	-51.63	2.90	14.50	-40.03	-25.00	H

n41, 20MHz,DFT-OFDM, QPSK, Channel 518598

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
4627.12	-56.95	1.30	12.50	-45.75	-25.00	V
5956.50	-55.63	1.50	13.10	-44.03	-25.00	V
8922.46	-58.63	1.90	12.00	-48.53	-25.00	H
10415.54	-54.80	2.30	11.30	-45.80	-25.00	V
12822.00	-55.85	2.70	13.80	-44.75	-25.00	V
17109.69	-51.36	2.90	14.50	-39.76	-25.00	H

n41, 20MHz,DFT-OFDM, QPSK, Channel 537000

Frequency(MHz)	P _{Mea} (dBm)	Path Loss	Antenna Gain	Peak ERP(dBm)	Limit (dBm)	Polarization
4502.25	-58.45	1.20	12.50	-47.15	-25.00	H
5965.88	-56.20	1.50	13.10	-44.60	-25.00	V
8938.15	-57.89	2.00	12.00	-47.89	-25.00	V
10915.38	-54.67	2.40	10.80	-46.27	-25.00	V
15909.23	-54.34	2.60	15.60	-41.34	-25.00	H
17073.23	-51.75	2.90	14.50	-40.15	-25.00	V