

**NR n66(ANT0)- EIRP**
**Limits: ≤30dBm (1W)**

Mod.	Bandwidth	Frequency (MHz)	P <sub>Mea</sub> (dBm)	P <sub>cl</sub> (dB)	P <sub>Ag</sub> (dB)	G <sub>a</sub> (dBi)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Ant.Pol
pi/2 BPSK	5MHz	1712.50	-29.21	3.66	44.10	5.12	23.67	30.00	6.33	V
		1745.00	-29.52	3.68	44.16	5.06	23.38	30.00	6.62	V
		1777.50	-28.89	3.04	44.04	5.01	23.20	30.00	6.80	H
	10MHz	1715.00	-29.19	3.56	44.10	5.11	23.58	30.00	6.42	V
		1745.00	-29.66	3.68	44.16	5.06	23.24	30.00	6.76	V
		1775.00	-28.73	3.05	44.05	5.01	23.38	30.00	6.62	H
	15MHz	1717.50	-22.46	3.47	44.11	5.11	23.29	30.00	6.71	V
		1745.00	-22.41	3.68	44.16	5.06	23.13	30.00	6.87	V
		1772.50	-22.44	3.05	44.06	5.01	23.58	30.00	6.42	H
20MHz	1720.00	-22.71	3.37	44.11	5.10	23.13	30.00	6.87	V	
	1745.00	-22.42	3.68	44.16	5.06	23.12	30.00	6.88	V	
	1770.00	-22.54	3.05	44.07	5.01	23.50	30.00	6.50	H	
QPSK	5MHz	1712.50	-29.17	3.66	44.10	5.12	23.71	30.00	6.29	V
		1745.00	-29.44	3.68	44.16	5.06	23.46	30.00	6.54	V
		1777.50	-29.06	3.04	44.04	5.01	23.03	30.00	6.97	H
	10MHz	1715.00	-29.07	3.56	44.10	5.11	23.70	30.00	6.30	V
		1745.00	-29.53	3.68	44.16	5.06	23.37	30.00	6.63	V
		1775.00	-28.77	3.05	44.05	5.01	23.34	30.00	6.66	H
	15MHz	1717.50	-22.34	3.47	44.11	5.11	23.41	30.00	6.59	V
		1745.00	-22.34	3.68	44.16	5.06	23.20	30.00	6.80	V
		1772.50	-22.60	3.05	44.06	5.01	23.42	30.00	6.58	H
20MHz	1720.00	-22.59	3.37	44.11	5.10	23.25	30.00	6.75	V	
	1745.00	-22.33	3.68	44.16	5.06	23.21	30.00	6.79	V	
	1770.00	-22.76	3.05	44.07	5.01	23.28	30.00	6.72	H	
16QAM	5MHz	1712.50	-23.01	3.66	44.10	5.12	22.55	30.00	7.45	V
		1745.00	-23.32	3.68	44.16	5.06	22.22	30.00	7.78	V
		1777.50	-23.77	3.04	44.04	5.01	22.24	30.00	7.76	H
	10MHz	1715.00	-23.22	3.56	44.10	5.11	22.43	30.00	7.57	V
		1745.00	-23.40	3.68	44.16	5.06	22.14	30.00	7.86	V
		1775.00	-23.72	3.05	44.05	5.01	22.29	30.00	7.71	H
	15MHz	1717.50	-23.63	3.47	44.11	5.11	22.12	30.00	7.88	V
		1745.00	-23.56	3.68	44.16	5.06	21.98	30.00	8.02	V
		1772.50	-23.43	3.05	44.06	5.01	22.59	30.00	7.41	H
20MHz	1720.00	-23.85	3.37	44.11	5.10	21.99	30.00	8.01	V	
	1745.00	-23.56	3.68	44.16	5.06	21.98	30.00	8.02	V	
	1770.00	-23.83	3.05	44.07	5.01	22.21	30.00	7.79	H	
64QAM	5MHz	1712.50	-23.95	3.66	44.10	5.12	21.61	30.00	8.39	V
	10MHz	1715.00	-24.22	3.56	44.10	5.11	21.43	30.00	8.57	V
	15MHz	1772.50	-24.40	3.05	44.06	5.01	21.62	30.00	8.38	H
	20MHz	1770.00	-25.74	3.05	44.07	5.01	20.30	30.00	9.70	H
256QAM	5MHz	1712.50	-26.22	3.66	44.10	5.12	19.34	30.00	10.66	V
	10MHz	1715.00	-26.56	3.56	44.10	5.11	19.09	30.00	10.91	V
	15MHz	1772.50	-26.46	3.05	44.06	5.01	19.56	30.00	10.44	H
	20MHz	1770.00	-26.73	3.05	44.07	5.01	19.31	30.00	10.69	H

**NR B5-n66 (ANT4)- EIRP**
**Limits: ≤30dBm (1W)**

Mod.	Bandwidth	Frequency (MHz)	P <sub>Mea</sub> (dBm)	P <sub>cl</sub> (dB)	P <sub>Ag</sub> (dB)	G <sub>a</sub> (dBi)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Ant.Pol
pi/2 BPSK	5MHz	1712.50	-32.39	3.66	44.10	5.12	20.49	30.00	9.51	V
		1745.00	-31.82	3.68	44.16	5.06	21.08	30.00	8.92	H
		1777.50	-30.55	3.04	44.04	5.01	21.54	30.00	8.46	H
	10MHz	1715.00	-32.55	3.56	44.10	5.11	20.22	30.00	9.78	V
		1745.00	-31.68	3.68	44.16	5.06	21.22	30.00	8.78	H
		1775.00	-30.88	3.05	44.05	5.01	21.23	30.00	8.77	H
	15MHz	1717.50	-25.51	3.47	44.11	5.11	20.24	30.00	9.76	V
		1745.00	-24.03	3.68	44.16	5.06	21.51	30.00	8.49	H
		1772.50	-24.77	3.05	44.06	5.01	21.25	30.00	8.75	H
	20MHz	1720.00	-25.68	3.37	44.11	5.10	20.16	30.00	9.84	V
		1745.00	-24.14	3.68	44.16	5.06	21.40	30.00	8.60	H
		1770.00	-24.71	3.05	44.07	5.01	21.33	30.00	8.67	V
	30MHz	1725.00	-26.54	2.96	44.46	5.09	20.05	30.00	9.95	V
		1745.00	-24.25	3.68	44.16	5.06	21.29	30.00	8.71	H
		1765.00	-23.97	3.27	43.68	5.02	21.46	30.00	8.54	V
QPSK	5MHz	1712.50	-32.18	3.66	44.10	5.12	20.70	30.00	9.30	V
		1745.00	-31.69	3.68	44.16	5.06	21.21	30.00	8.79	H
		1777.50	-30.46	3.04	44.04	5.01	21.63	30.00	8.37	H
	10MHz	1715.00	-32.64	3.56	44.10	5.11	20.13	30.00	9.87	V
		1745.00	-31.58	3.68	44.16	5.06	21.32	30.00	8.68	H
		1775.00	-31.01	3.05	44.05	5.01	21.10	30.00	8.90	H
	15MHz	1717.50	-25.62	3.47	44.11	5.11	20.13	30.00	9.87	V
		1745.00	-24.13	3.68	44.16	5.06	21.41	30.00	8.59	H
		1772.50	-24.73	3.05	44.06	5.01	21.29	30.00	8.71	H
	20MHz	1720.00	-25.69	3.37	44.11	5.10	20.15	30.00	9.85	V
		1745.00	-24.06	3.68	44.16	5.06	21.48	30.00	8.52	H
		1770.00	-24.90	3.05	44.07	5.01	21.14	30.00	8.86	H
	30MHz	1725.00	-26.55	2.96	44.46	5.09	20.04	30.00	9.96	V
		1745.00	-24.17	3.68	44.16	5.06	21.37	30.00	8.63	H
		1765.00	-24.16	3.27	43.68	5.02	21.27	30.00	8.73	V
16QAM	5MHz	1712.50	-33.53	3.66	44.10	5.12	19.35	30.00	10.65	V
		1745.00	-32.86	3.68	44.16	5.06	20.04	30.00	9.96	H
		1777.50	-31.83	3.04	44.04	5.01	20.26	30.00	9.74	H
	10MHz	1715.00	-33.76	3.56	44.10	5.11	19.01	30.00	10.99	V
		1745.00	-33.18	3.68	44.16	5.06	19.72	30.00	10.28	H
		1775.00	-32.27	3.05	44.05	5.01	19.84	30.00	10.16	V
	15MHz	1717.50	-26.65	3.47	44.11	5.11	19.10	30.00	10.90	V
		1745.00	-25.12	3.68	44.16	5.06	20.42	30.00	9.58	H
		1772.50	-25.76	3.05	44.06	5.01	20.26	30.00	9.74	H
	20MHz	1720.00	-26.80	3.37	44.11	5.10	19.04	30.00	10.96	V
		1745.00	-25.24	3.68	44.16	5.06	20.30	30.00	9.70	H
		1770.00	-26.13	3.05	44.07	5.01	19.91	30.00	10.09	H
	30MHz	1725.00	-27.66	2.96	44.46	5.09	18.93	30.00	11.07	V
		1745.00	-25.33	3.68	44.16	5.06	20.21	30.00	9.79	H
		1765.00	-25.39	3.27	43.68	5.02	20.04	30.00	9.96	V

64QAM	5MHz	1777.50	-32.78	3.04	44.04	5.01	19.31	30.00	10.69	H
	10MHz	1775.00	-33.21	3.05	44.05	5.01	18.90	30.00	11.10	H
	15MHz	1745.00	-26.22	3.68	44.16	5.06	19.32	30.00	10.68	H
	20MHz	1745.00	-26.22	3.68	44.16	5.06	19.32	30.00	10.68	H
	30MHz	1745.00	-26.38	3.68	44.16	5.06	19.16	30.00	10.84	H
256QAM	5MHz	1777.50	-35.21	3.04	44.04	5.01	16.88	30.00	13.12	H
	10MHz	1775.00	-35.49	3.05	44.05	5.01	16.62	30.00	13.38	H
	15MHz	1745.00	-28.67	3.68	44.16	5.06	16.87	30.00	13.13	H
	20MHz	1745.00	-28.43	3.68	44.16	5.06	17.11	30.00	12.89	H
	30MHz	1745.00	-28.54	3.68	44.16	5.06	17.00	30.00	13.00	H

**NR n70-EIRP**
**Limits: ≤30dBm (1W)**

Mod.	Bandwidth	Frequency (MHz)	P <sub>Mea</sub> (dBm)	P <sub>cl</sub> (dB)	P <sub>Ag</sub> (dB)	G <sub>a</sub> (dBi)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Ant.Pol
pi/2 BPSK	5MHz	1697.50	-23.26	2.95	44.57	5.14	23.50	30.00	6.50	V
		1702.50	-22.41	2.95	44.07	5.14	23.85	30.00	6.15	V
		1707.50	-22.14	2.96	43.83	5.13	23.86	30.00	6.14	V
	10MHz	1700.00	-22.57	2.95	43.93	5.14	23.55	30.00	6.45	V
		1702.50	-22.37	2.95	44.07	5.14	23.89	30.00	6.11	V
		1705.00	-21.98	2.95	43.69	5.13	23.89	30.00	6.11	V
15MHz	1702.50	-22.56	2.95	44.07	5.14	23.70	30.00	6.30	V	
QPSK	5MHz	1697.50	-23.18	2.95	44.57	5.14	23.58	30.00	6.42	V
		1702.50	-22.26	2.95	44.07	5.14	24.00	30.00	6.00	V
		1707.50	-22.11	2.96	43.83	5.13	23.89	30.00	6.11	V
	10MHz	1700.00	-22.45	2.95	43.93	5.14	23.67	30.00	6.33	V
		1702.50	-22.38	2.95	44.07	5.14	23.88	30.00	6.12	V
		1705.00	-21.91	2.95	43.69	5.13	23.96	30.00	6.04	V
15MHz	1702.50	-22.57	2.95	44.07	5.14	23.69	30.00	6.31	V	
16QAM	5MHz	1697.50	-25.19	2.95	44.57	5.14	21.57	30.00	8.43	V
		1702.50	-25.01	2.95	44.07	5.14	21.25	30.00	8.75	H
		1707.50	-24.03	2.96	43.83	5.13	21.97	30.00	8.03	V
	10MHz	1700.00	-24.17	2.95	43.93	5.14	21.95	30.00	8.05	H
		1702.50	-24.30	2.95	44.07	5.14	21.96	30.00	8.04	V
		1705.00	-23.95	2.95	43.69	5.13	21.92	30.00	8.08	V
15MHz	1702.50	-22.57	2.95	44.07	5.14	23.69	30.00	6.31	V	
64QAM	5MHz	1702.50	-25.25	2.95	44.07	5.14	21.01	30.00	8.99	V
	10MHz	1702.50	-25.20	2.95	44.07	5.14	21.06	30.00	8.94	V
	15MHz	1702.50	-25.49	2.95	44.07	5.14	20.77	30.00	9.23	V
256QAM	5MHz	1702.50	-27.51	2.95	44.07	5.14	18.75	30.00	11.25	V
	10MHz	1702.50	-27.50	2.95	44.07	5.14	18.76	30.00	11.24	V
	15MHz	1702.50	-27.82	2.95	44.07	5.14	18.44	30.00	11.56	V

**NR n71-ERP**
**Limits: ≤34.77dBm (3W)**

Mod.	Bandwidth	Frequency (MHz)	P <sub>Mea</sub> (dBm)	P <sub>cl</sub> (dB)	P <sub>Ag</sub> (dB)	G <sub>a</sub> (dBi)	Correction (dB)	ERP (dBm)	Limit (dBm)	Margin (dB)	Ant.Pol
pi/2 BPSK	5MHz	665.50	-25.53	1.86	44.73	0.78	2.15	15.97	34.77	18.80	H
		680.50	-25.36	1.88	44.72	0.78	2.15	16.10	34.77	18.67	H
		695.50	-25.40	1.89	44.67	0.77	2.15	16.00	34.77	18.77	H
	10MHz	668.00	-25.57	1.87	44.75	0.78	2.15	15.95	34.77	18.82	H
		680.50	-25.40	1.88	44.72	0.78	2.15	16.06	34.77	18.71	H
		693.00	-25.39	1.89	44.67	0.77	2.15	16.01	34.77	18.76	H
	15MHz	670.50	-25.75	1.87	44.75	0.78	2.15	15.76	34.77	19.01	H
		680.50	-25.47	1.88	44.72	0.78	2.15	15.99	34.77	18.78	H
		690.50	-25.64	1.88	44.73	0.77	2.15	15.83	34.77	18.94	H
	20MHz	673.00	-25.77	1.87	44.71	0.78	2.15	15.70	34.77	19.07	H
		680.50	-25.48	1.88	44.72	0.78	2.15	15.98	34.77	18.79	H
		688.00	-25.69	1.88	44.72	0.77	2.15	15.78	34.77	18.99	H
QPSK	5MHz	665.50	-25.52	1.86	44.73	0.78	2.15	15.98	34.77	18.79	H
		680.50	-25.34	1.88	44.72	0.78	2.15	16.12	34.77	18.65	H
		695.50	-25.38	1.89	44.67	0.77	2.15	16.02	34.77	18.75	H
	10MHz	668.00	-25.59	1.87	44.75	0.78	2.15	15.93	34.77	18.84	H
		680.50	-25.36	1.88	44.72	0.78	2.15	16.10	34.77	18.67	H
		693.00	-25.38	1.89	44.67	0.77	2.15	16.02	34.77	18.75	H
	15MHz	670.50	-25.77	1.87	44.75	0.78	2.15	15.74	34.77	19.03	H
		680.50	-25.57	1.88	44.72	0.78	2.15	15.89	34.77	18.88	H
		690.50	-25.72	1.88	44.73	0.77	2.15	15.75	34.77	19.02	H
	20MHz	673.00	-25.76	1.87	44.71	0.78	2.15	15.71	34.77	19.06	H
		680.50	-25.55	1.88	44.72	0.78	2.15	15.91	34.77	18.86	H
		688.00	-25.65	1.88	44.72	0.77	2.15	15.82	34.77	18.95	H
16QAM	5MHz	665.50	-26.62	1.86	44.73	0.78	2.15	14.88	34.77	19.89	H
		680.50	-26.42	1.88	44.72	0.78	2.15	15.04	34.77	19.73	H
		695.50	-26.45	1.89	44.67	0.77	2.15	14.95	34.77	19.82	H
	10MHz	668.00	-26.60	1.87	44.75	0.78	2.15	14.92	34.77	19.85	H
		680.50	-26.39	1.88	44.72	0.78	2.15	15.07	34.77	19.70	H
		693.00	-26.42	1.89	44.67	0.77	2.15	14.98	34.77	19.79	H
	15MHz	670.50	-26.84	1.87	44.75	0.78	2.15	14.67	34.77	20.10	H
		680.50	-26.54	1.88	44.72	0.78	2.15	14.92	34.77	19.85	H
		690.50	-26.70	1.88	44.73	0.77	2.15	14.77	34.77	20.00	H
	20MHz	673.00	-26.83	1.87	44.71	0.78	2.15	12.14	34.77	22.63	H
		680.50	-26.53	1.88	44.72	0.78	2.15	12.43	34.77	22.34	H
		688.00	-26.72	1.88	44.72	0.77	2.15	12.25	34.77	22.52	H
64QAM	5MHz	680.50	-27.32	1.88	44.72	0.78	2.15	14.14	34.77	20.63	H
	10MHz	680.50	-27.32	1.88	44.72	0.78	2.15	14.14	34.77	20.63	H
	15MHz	680.50	-27.49	1.88	44.72	0.78	2.15	13.97	34.77	20.80	H
	20MHz	680.50	-27.51	1.88	44.72	0.78	2.15	13.95	34.77	20.82	H
256QAM	5MHz	680.50	-29.50	1.88	44.72	0.78	2.15	11.96	34.77	22.81	H
	10MHz	680.50	-29.39	1.88	44.72	0.78	2.15	12.07	34.77	22.70	H
	15MHz	680.50	-29.66	1.88	44.72	0.78	2.15	11.80	34.77	22.97	H
	20MHz	680.50	-29.68	1.88	44.72	0.78	2.15	11.78	34.77	22.99	H

**n77L(3450MHz~3550MHz, ANT5) HPEU- EIRP**
**Limits: ≤30dBm (1W)**

Mod.	Bandwidth	Frequency (MHz)	P <sub>Mea</sub> (dBm)	P <sub>cl</sub> (dB)	P <sub>Ag</sub> (dB)	G <sub>a</sub> (dBi)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Ant.Pol
pi/2 BPSK	20MHz	3460.02	-20.65	4.23	43.80	8.10	27.02	30.00	2.98	H
		3500.01	-22.51	4.29	44.92	8.20	26.32	30.00	3.28	H
		3540.00	-21.67	4.31	43.85	8.22	26.09	30.00	3.51	H
	30MHz	3465.00	-21.02	4.23	44.04	8.12	26.91	30.00	3.09	H
		3500.01	-22.63	4.29	44.92	8.20	26.20	30.00	3.28	H
		3534.99	-21.38	4.31	43.39	8.22	25.92	30.00	3.51	H
	40MHz	3470.01	-20.97	4.23	43.82	8.13	26.75	30.00	3.25	H
		3500.01	-22.66	4.29	44.92	8.20	26.17	30.00	3.28	H
		3529.98	-21.19	4.32	43.74	8.22	26.44	30.00	3.51	H
	60MHz	3480.00	-20.39	4.24	43.16	8.15	26.68	30.00	3.32	H
		3500.01	-22.89	4.29	44.92	8.20	25.94	30.00	3.28	H
		3519.99	-21.94	4.32	44.13	8.21	26.08	30.00	3.51	H
80MHz	3490.02	-21.55	4.25	43.78	8.18	26.15	30.00	3.85	H	
	3500.01	-22.84	4.29	44.92	8.20	25.99	30.00	3.28	H	
	3510.00	-21.04	4.33	43.41	8.21	26.25	30.00	3.51	H	
QPSK	20MHz	3460.02	-20.53	4.23	43.80	8.10	27.14	30.00	2.86	H
		3500.01	-22.33	4.29	44.92	8.20	26.50	30.00	3.28	H
		3540.00	-21.65	4.31	43.85	8.22	26.11	30.00	3.51	H
	30MHz	3465.00	-20.91	4.23	44.04	8.12	27.02	30.00	2.98	H
		3500.01	-22.49	4.29	44.92	8.20	26.34	30.00	3.28	H
		3534.99	-21.15	4.31	43.39	8.22	26.15	30.00	3.51	H
	40MHz	3470.01	-20.66	4.23	43.82	8.13	27.06	30.00	2.94	H
		3500.01	-22.60	4.29	44.92	8.20	26.23	30.00	3.28	H
		3529.98	-20.98	4.32	43.74	8.22	26.65	30.00	3.51	H
	60MHz	3480.00	-20.28	4.24	43.16	8.15	26.79	30.00	3.21	H
		3500.01	-22.84	4.29	44.92	8.20	25.99	30.00	3.28	H
		3519.99	-21.91	4.32	44.13	8.21	26.11	30.00	3.51	H
80MHz	3490.02	-21.47	4.25	43.78	8.18	26.23	30.00	3.77	H	
	3500.01	-22.78	4.29	44.92	8.20	26.05	30.00	3.28	H	
	3510.00	-20.94	4.33	43.41	8.21	26.35	30.00	3.51	H	
16QAM	20MHz	3460.02	-21.83	4.23	43.80	8.10	25.84	30.00	4.16	H
		3500.01	-23.94	4.29	44.92	8.20	24.89	30.00	3.28	H
		3540.00	-23.00	4.31	43.85	8.22	24.76	30.00	3.51	H
	30MHz	3465.00	-22.01	4.23	44.04	8.12	25.92	30.00	4.08	H
		3500.01	-24.52	4.29	44.92	8.20	24.31	30.00	3.28	H
		3534.99	-22.52	4.31	43.39	8.22	24.78	30.00	3.51	H
	40MHz	3470.01	-21.82	4.23	43.82	8.13	25.90	30.00	4.10	H
		3500.01	-23.94	4.29	44.92	8.20	24.89	30.00	3.28	H
		3529.98	-22.59	4.32	43.74	8.22	25.04	30.00	3.51	H

	60MHz	3480.00	-21.33	4.24	43.16	8.15	25.74	30.00	4.26	H
		3500.01	-24.39	4.29	44.92	8.20	24.44	30.00	3.28	H
		3519.99	-23.44	4.32	44.13	8.21	24.58	30.00	5.42	H
	80MHz	3490.02	-22.53	4.25	43.78	8.18	25.17	30.00	4.83	H
		3500.01	-24.18	4.29	44.92	8.20	24.65	30.00	3.28	H
		3510.00	-22.32	4.33	43.41	8.21	24.97	30.00	3.51	H
64QAM	20MHz	3460.02	-22.95	4.23	43.80	8.10	24.72	30.00	5.28	H
	30MHz	3465.00	-23.48	4.23	44.04	8.12	24.45	30.00	5.55	H
	40MHz	3470.01	-23.60	4.23	43.82	8.13	24.12	30.00	5.88	H
	60MHz	3480.00	-23.29	4.24	43.16	8.15	23.78	30.00	6.22	H
	80MHz	3490.02	-24.07	4.25	43.78	8.18	23.63	30.00	6.37	H
256QAM	20MHz	3460.02	-25.07	4.23	43.80	8.10	22.60	30.00	7.40	H
	30MHz	3465.00	-25.50	4.23	44.04	8.12	22.43	30.00	7.57	H
	40MHz	3470.01	-25.39	4.23	43.82	8.13	22.33	30.00	7.67	H
	60MHz	3500.01	-27.86	4.29	44.92	8.20	20.97	30.00	3.28	H
	80MHz	3490.02	-26.09	4.25	43.78	8.18	21.61	30.00	8.39	H

**n77L(3450MHz~3550MHz, ANT4, SRS) - EIRP**
**Limits:** ≤30dBm (1W)

Mod.	Bandwidth	Frequency (MHz)	P <sub>Mea</sub> (dBm)	P <sub>cl</sub> (dB)	P <sub>Ag</sub> (dB)	G <sub>a</sub> (dBi)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Ant.Pol
pi/2 BPSK	20MHz	3460.02	-29.60	4.23	43.80	8.10	18.07	30.00	11.93	V
		3500.01	-30.59	4.29	44.92	8.20	18.24	30.00	11.76	V
		3540.00	-29.70	4.31	43.85	8.22	18.06	30.00	11.94	V
QPSK	20MHz	3460.02	-29.34	4.23	43.80	8.10	18.33	30.00	11.67	V
		3500.01	-30.22	4.29	44.92	8.20	18.61	30.00	11.39	V
		3540.00	-29.68	4.31	43.85	8.22	18.08	30.00	11.92	V
16QAM	20MHz	3500.01	-30.79	4.29	44.92	8.20	18.04	30.00	11.66	V
64QAM	20MHz	3500.01	-31.61	4.29	44.92	8.20	17.22	30.00	12.78	V
256QAM	20MHz	3500.01	-32.41	4.29	44.92	8.20	16.42	30.00	13.58	V

**n77L(3450MHz~3550MHz, ANT7, SRS) - EIRP**
**Limits:** ≤30dBm (1W)

Mod.	Bandwidth	Frequency (MHz)	P <sub>Mea</sub> (dBm)	P <sub>cl</sub> (dB)	P <sub>Ag</sub> (dB)	G <sub>a</sub> (dBi)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Ant.Pol
pi/2 BPSK	20MHz	3460.02	-25.62	4.23	43.80	8.10	22.05	30.00	7.95	H
		3500.01	-26.97	4.29	44.92	8.20	21.86	30.00	8.14	H
		3540.00	-26.01	4.31	43.85	8.22	21.75	30.00	8.25	H
QPSK	20MHz	3460.02	-25.56	4.23	43.80	8.10	22.11	30.00	7.89	H
		3500.01	-27.51	4.29	44.92	8.20	21.32	30.00	8.68	H
		3540.00	-26.02	4.31	43.85	8.22	21.74	30.00	8.26	H
16QAM	20MHz	3460.02	-26.40	4.23	43.80	8.10	21.27	30.00	8.73	H
64QAM	20MHz	3460.02	-26.73	4.23	43.80	8.10	20.94	30.00	9.06	H
256QAM	20MHz	3460.02	-28.04	4.23	43.80	8.10	19.63	30.00	10.37	H

**n77L(3450MHz~3550MHz, ANT3, SRS) - EIRP**
**Limits:** ≤30dBm (1W)

Mod.	Bandwidth	Frequency (MHz)	P <sub>Mea</sub> (dBm)	P <sub>cl</sub> (dB)	P <sub>Ag</sub> (dB)	G <sub>a</sub> (dBi)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Ant.Pol
pi/2 BPSK	20MHz	3460.02	-30.89	4.23	43.80	8.10	16.78	30.00	13.22	H
		3500.01	-32.28	4.29	44.92	8.20	16.55	30.00	13.45	H
		3540.00	-31.46	4.31	43.85	8.22	16.30	30.00	13.70	H
QPSK	20MHz	3460.02	-30.99	4.23	43.80	8.10	16.68	30.00	13.32	H
		3500.01	-32.35	4.29	44.92	8.20	16.48	30.00	13.52	H
		3540.00	-31.19	4.31	43.85	8.22	16.57	30.00	13.43	H
16QAM	20MHz	3460.02	-31.36	4.23	43.80	8.10	16.31	30.00	13.69	H
64QAM	20MHz	3460.02	-31.63	4.23	43.80	8.10	16.04	30.00	13.96	H
256QAM	20MHz	3460.02	-32.55	4.23	43.80	8.10	15.12	30.00	14.88	H



**NR n77H(3700MHz~3980MHz, ANT5) HPUE - EIRP**
**Limits: ≤30dBm (1W)**

Mod.	Bandwidth	Frequency (MHz)	P <sub>Mea</sub> (dBm)	P <sub>cl</sub> (dB)	P <sub>Ag</sub> (dB)	G <sub>a</sub> (dBi)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Ant.Pol
pi/2 BPSK	20MHz	3710.01	-22.60	4.41	43.69	8.31	24.99	30.00	5.01	V
		3840.00	-22.90	4.55	43.44	8.37	24.37	30.00	5.63	H
		3969.99	-22.83	4.63	43.87	8.44	24.85	30.00	5.15	H
	30MHz	3715.02	-24.22	4.41	44.57	8.31	24.25	30.00	5.75	V
		3840.00	-22.76	4.55	43.44	8.37	24.51	30.00	5.49	H
		3964.98	-22.58	4.61	43.90	8.44	25.15	30.00	4.85	H
	40MHz	3720.00	-24.24	4.42	44.62	8.31	24.27	30.00	5.73	V
		3840.00	-23.91	4.55	43.44	8.37	23.36	30.00	6.64	H
		3960.00	-23.41	4.58	44.74	8.43	25.18	30.00	4.82	H
	60MHz	3730.02	-23.74	4.43	44.14	8.32	24.29	30.00	5.71	V
		3840.00	-23.06	4.55	43.44	8.37	24.21	30.00	5.79	H
		3949.98	-24.16	4.53	44.47	8.43	24.21	30.00	5.79	H
	80MHz	3740.01	-23.40	4.48	43.45	8.32	23.89	30.00	6.11	V
		3840.00	-24.30	4.55	43.44	8.37	22.97	30.00	7.03	H
		3939.99	-23.68	4.51	44.18	8.42	24.41	30.00	5.59	H
	100MHz	3750.00	-23.41	4.54	43.93	8.33	24.31	30.00	5.69	V
		3840.00	-24.24	4.55	43.44	8.37	23.03	30.00	6.97	H
		3930.00	-24.53	4.49	44.53	8.42	23.93	30.00	6.07	H
QPSK	20MHz	3710.01	-22.53	4.41	43.69	8.31	25.06	30.00	4.94	V
		3840.00	-22.82	4.55	43.44	8.37	24.45	30.00	5.55	H
		3969.99	-22.78	4.63	43.87	8.44	24.90	30.00	5.10	H
	30MHz	3715.02	-24.20	4.41	44.57	8.31	24.27	30.00	5.73	V
		3840.00	-23.73	4.55	43.44	8.37	23.54	30.00	47.27	H
		3964.98	-22.44	4.61	43.90	8.44	25.29	30.00	4.71	H
	40MHz	3720.00	-24.19	4.42	44.62	8.31	24.32	30.00	5.68	V
		3840.00	-23.88	4.55	43.44	8.37	23.39	30.00	6.61	H
		3960.00	-23.16	4.58	44.74	8.43	25.43	30.00	4.57	H
	60MHz	3730.02	-23.73	4.43	44.14	8.32	24.30	30.00	5.70	V
		3840.00	-22.92	4.55	43.44	8.37	24.35	30.00	5.65	H
		3949.98	-24.10	4.53	44.47	8.43	24.27	30.00	5.73	H
	80MHz	3740.01	-23.40	4.48	43.45	8.32	23.89	30.00	6.11	V
		3840.00	-24.21	4.55	43.44	8.37	23.06	30.00	6.94	H
		3939.99	-23.62	4.51	44.18	8.42	24.47	30.00	5.53	H
	100MHz	3750.00	-23.39	4.54	43.93	8.33	24.33	30.00	5.67	V
		3840.00	-24.16	4.55	43.44	8.37	23.11	30.00	6.89	H
		3930.00	-24.45	4.49	44.53	8.42	24.01	30.00	5.99	H
16QAM	20MHz	3710.01	-23.92	4.41	43.69	8.31	23.67	30.00	6.33	V
		3840.00	-23.73	4.55	43.44	8.37	23.54	30.00	6.46	H
		3969.99	-23.73	4.63	43.87	8.44	23.95	30.00	6.05	H

	30MHz	3715.02	-25.50	4.41	44.57	8.31	22.97	30.00	7.03	V
		3840.00	-24.69	4.55	43.44	8.37	22.58	30.00	7.42	H
		3964.98	-23.49	4.61	43.90	8.44	24.24	30.00	5.76	H
	40MHz	3720.00	-25.62	4.42	44.62	8.31	22.89	30.00	7.11	V
		3840.00	-24.74	4.55	43.44	8.37	22.53	30.00	7.47	H
		3960.00	-24.14	4.58	44.74	8.43	24.45	30.00	5.55	H
	60MHz	3730.02	-25.01	4.43	44.14	8.32	23.02	30.00	6.98	V
		3840.00	-23.98	4.55	43.44	8.37	23.29	30.00	6.71	H
		3949.98	-24.97	4.53	44.47	8.43	23.40	30.00	6.60	H
	80MHz	3740.01	-24.67	4.48	43.45	8.32	22.62	30.00	7.38	V
		3840.00	-25.16	4.55	43.44	8.37	22.11	30.00	7.89	H
		3939.99	-24.63	4.51	44.18	8.42	23.46	30.00	6.54	H
100MHz	3750.00	-24.80	4.54	43.93	8.33	22.92	30.00	7.08	V	
	3840.00	-25.19	4.55	43.44	8.37	22.08	30.00	7.92	H	
	3930.00	-25.43	4.49	44.53	8.42	23.03	30.00	6.97	H	
64QAM	20MHz	3969.99	-25.23	4.63	43.87	8.44	22.45	30.00	7.55	H
	30MHz	3964.98	-24.99	4.61	43.90	8.44	22.74	30.00	7.26	H
	40MHz	3960.00	-25.74	4.58	44.74	8.43	22.85	30.00	7.15	H
	60MHz	3949.98	-26.37	4.53	44.47	8.43	22.00	30.00	8.00	H
	80MHz	3939.99	-26.13	4.51	44.18	8.42	21.96	30.00	8.04	H
	100MHz	3930.00	-26.93	4.49	44.53	8.42	21.53	30.00	8.47	H
256QAM	20MHz	3969.99	-27.28	4.63	43.87	8.44	20.40	30.00	9.60	H
	30MHz	3964.98	-27.08	4.61	43.90	8.44	20.65	30.00	9.35	H
	40MHz	3960.00	-28.01	4.58	44.74	8.43	20.58	30.00	9.42	H
	60MHz	3949.98	-28.76	4.53	44.47	8.43	19.61	30.00	10.39	H
	80MHz	3939.99	-28.18	4.51	44.18	8.42	19.91	30.00	10.09	H
	100MHz	3930.00	-29.00	4.49	44.53	8.42	19.46	30.00	10.54	H

**NR n77H(3700MHz~3980MHz, ANT4, SRS) - EIRP**
**Limits: ≤30dBm (1W)**

Mod.	Bandwidth	Frequency (MHz)	P <sub>Mea</sub> (dBm)	P <sub>cl</sub> (dB)	P <sub>Ag</sub> (dB)	G <sub>a</sub> (dBi)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Ant.Pol
pi/2 BPSK	20MHz	3710.01	-28.87	4.41	43.69	8.31	18.72	30.00	11.28	V
		3840.00	-28.22	4.55	43.44	8.37	19.04	30.00	10.96	V
		3969.99	-28.87	4.63	43.87	8.44	18.81	30.00	11.19	V
QPSK	20MHz	3710.01	-29.01	4.41	43.69	8.31	18.58	30.00	11.42	V
		3840.00	-28.14	4.55	43.44	8.37	19.12	30.00	10.88	V
		3969.99	-28.85	4.63	43.87	8.44	18.83	30.00	11.17	V
16QAM	20MHz	3840.00	-29.10	4.55	43.44	8.37	18.16	30.00	11.84	V
64QAM	20MHz	3840.00	-29.34	4.55	43.44	8.37	17.92	30.00	12.08	V
256QAM	20MHz	3840.00	-30.38	4.55	43.44	8.37	16.88	30.00	13.12	V

**NR n77H(3700MHz~3980MHz, ANT7, SRS) - EIRP**
**Limits: ≤30dBm (1W)**

Mod.	Bandwidth	Frequency (MHz)	P <sub>Mea</sub> (dBm)	P <sub>cl</sub> (dB)	P <sub>Ag</sub> (dB)	G <sub>a</sub> (dBi)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Ant.Pol
pi/2 BPSK	20MHz	3710.01	-26.3	4.41	43.69	8.31	21.29	30.00	8.71	H
		3840.00	-26.2	4.55	43.44	8.37	21.06	30.00	8.94	H
		3969.99	-25.62	4.63	43.87	8.44	22.06	30.00	7.94	H
QPSK	20MHz	3710.01	-26.47	4.41	43.69	8.31	21.12	30.00	8.88	H
		3840.00	-26.19	4.55	43.44	8.37	21.07	30.00	8.93	H
		3969.99	-25.49	4.63	43.87	8.44	22.19	30.00	7.81	H
16QAM	20MHz	3969.99	-26.5	4.63	43.87	8.44	21.18	30.00	8.82	H
64QAM	20MHz	3969.99	-26.79	4.63	43.87	8.44	20.89	30.00	9.11	H
256QAM	20MHz	3969.99	-28.23	4.63	43.87	8.44	19.45	30.00	10.55	H

**NR n77H(3700MHz~3980MHz, ANT3, SRS) - EIRP**
**Limits: ≤30dBm (1W)**

Mod.	Bandwidth	Frequency (MHz)	P <sub>Mea</sub> (dBm)	P <sub>cl</sub> (dB)	P <sub>Ag</sub> (dB)	G <sub>a</sub> (dBi)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Ant.Pol
pi/2 BPSK	20MHz	3710.01	-31.84	4.41	43.69	8.31	15.75	30.00	14.25	H
		3840.00	-31.2	4.55	43.44	8.37	16.06	30.00	13.94	H
		3969.99	-31.22	4.63	43.87	8.44	<b>16.46</b>	30.00	13.54	H
QPSK	20MHz	3710.01	-31.83	4.41	43.69	8.31	15.76	30.00	14.24	H
		3840.00	-31.24	4.55	43.44	8.37	16.02	30.00	13.98	H
		3969.99	-31.31	4.63	43.87	8.44	<b>16.37</b>	30.00	13.63	H
16QAM	20MHz	3969.99	-31.67	4.63	43.87	8.44	<b>16.01</b>	30.00	13.99	H
64QAM	20MHz	3969.99	-31.99	4.63	43.87	8.44	<b>15.69</b>	30.00	14.31	H
256QAM	20MHz	3969.99	-32.82	4.63	43.87	8.44	<b>14.86</b>	30.00	15.14	H

**NR n78L(3450MHz~3550MHz, ANT5) - EIRP**
**Limits: ≤30dBm (1W)**

Mod.	Bandwidth	Frequency (MHz)	P <sub>Mea</sub> (dBm)	P <sub>cl</sub> (dB)	P <sub>Ag</sub> (dB)	G <sub>a</sub> (dBi)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Ant.Pol	
pi/2 BPSK	20MHz	3460.02	-23.94	4.23	43.80	8.10	23.73	30.00	6.27	H	
		3500.01	-25.33	4.29	44.92	8.20	23.50	30.00	6.50	H	
		3540.00	-24.63	4.31	43.85	8.22	23.13	30.00	6.87	H	
	30MHz	3465.00	-23.99	4.23	44.04	8.12	23.94	30.00	6.06	H	
		3500.01	-25.07	4.29	44.92	8.20	23.76	30.00	6.24	H	
		3534.99	-23.56	4.31	43.39	8.22	23.74	30.00	6.26	H	
	40MHz	3470.01	-24.03	4.23	43.82	8.13	23.69	30.00	6.31	V	
		3500.01	-25.11	4.29	44.92	8.20	23.72	30.00	6.28	H	
		3529.98	-23.84	4.32	43.74	8.22	23.79	30.00	6.21	H	
	50MHz	3475.02	-24.10	4.24	44.11	8.14	23.91	30.00	6.09	H	
		3500.01	-25.36	4.29	44.92	8.20	23.47	30.00	6.53	H	
		3525.00	-24.61	4.32	44.03	8.21	23.31	30.00	6.69	H	
	60MHz	3480.00	-23.16	4.24	43.16	8.15	23.91	30.00	6.09	H	
		3500.01	-25.37	4.29	44.92	8.20	23.46	30.00	6.54	H	
		3519.99	-24.73	4.32	44.13	8.21	23.29	30.00	6.71	H	
	70MHz	3485.01	-24.97	4.25	44.86	8.16	23.80	30.00	6.20	H	
		3500.01	-25.45	4.29	44.92	8.20	23.38	30.00	6.62	H	
		3514.98	-24.97	4.33	44.36	8.21	23.27	30.00	6.73	H	
	80MHz	3490.02	-24.02	4.25	43.78	8.18	23.68	30.00	6.32	H	
		3500.01	-25.42	4.29	44.92	8.20	23.41	30.00	6.59	H	
		3510.00	-23.68	4.33	43.41	8.21	23.61	30.00	6.39	H	
	90MHz	3495.00	-24.21	4.27	43.69	8.19	23.40	30.00	6.60	H	
		3500.01	-25.41	4.29	44.92	8.20	23.42	30.00	6.58	H	
		3504.99	-25.43	4.31	44.84	8.20	23.30	30.00	6.70	H	
	QPSK	20MHz	3460.02	-23.89	4.23	43.80	8.10	23.78	30.00	6.22	H
			3500.01	-25.26	4.29	44.92	8.20	23.57	30.00	6.43	H
			3540.00	-24.60	4.31	43.85	8.22	23.16	30.00	6.84	H
30MHz		3465.00	-23.99	4.23	44.04	8.12	23.94	30.00	6.06	H	
		3500.01	-25.06	4.29	44.92	8.20	23.77	30.00	6.23	H	
		3534.99	-23.59	4.31	43.39	8.22	23.71	30.00	6.29	H	
40MHz		3470.01	-23.96	4.23	43.82	8.13	23.76	30.00	6.24	H	
		3500.01	-25.09	4.29	44.92	8.20	23.74	30.00	6.26	H	
		3529.98	-26.28	4.32	43.74	8.22	21.35	30.00	8.65	H	
50MHz		3475.02	-24.29	4.24	44.11	8.14	23.72	30.00	6.28	H	
		3500.01	-25.30	4.29	44.92	8.20	23.53	30.00	6.47	H	
		3525.00	-24.57	4.32	44.03	8.21	23.35	30.00	6.65	H	
60MHz		3480.00	-23.24	4.24	43.16	8.15	23.83	30.00	6.17	H	
		3500.01	-25.30	4.29	44.92	8.20	23.53	30.00	6.47	H	
		3519.99	-24.68	4.32	44.13	8.21	23.34	30.00	6.66	H	
70MHz		3485.01	-24.92	4.25	44.86	8.16	23.85	30.00	6.15	H	
		3500.01	-25.40	4.29	44.92	8.20	23.43	30.00	6.57	H	
		3514.98	-24.90	4.33	44.36	8.21	23.34	30.00	6.66	H	
80MHz		3490.02	-24.12	4.25	43.78	8.18	23.58	30.00	6.42	H	
		3500.01	-25.40	4.29	44.92	8.20	23.43	30.00	6.57	H	
		3510.00	-23.56	4.33	43.41	8.21	23.73	30.00	6.27	H	
90MHz		3495.00	-24.19	4.27	43.69	8.19	23.42	30.00	6.58	H	

		3500.01	-25.36	4.29	44.92	8.20	23.47	30.00	6.53	H
		3504.99	-25.41	4.31	44.84	8.20	23.32	30.00	6.68	H
16QAM	20MHz	3460.02	-24.56	4.23	43.80	8.10	23.11	30.00	6.89	H
		3500.01	-26.51	4.29	44.92	8.20	22.32	30.00	7.68	H
		3540.00	-25.98	4.31	43.85	8.22	21.78	30.00	8.22	H
		3465.00	-24.55	4.23	44.04	8.12	23.38	30.00	6.62	H
	30MHz	3500.01	-26.48	4.29	44.92	8.20	22.35	30.00	7.65	H
		3534.99	-25.01	4.31	43.39	8.22	22.29	30.00	7.71	H
		3470.01	-24.36	4.23	43.82	8.13	23.36	30.00	6.64	H
	40MHz	3500.01	-27.20	4.29	44.92	8.20	21.63	30.00	8.37	H
		3529.98	-25.14	4.32	43.74	8.22	22.49	30.00	7.51	H
		3475.02	-24.67	4.24	44.11	8.14	23.34	30.00	6.66	H
	50MHz	3500.01	-26.94	4.29	44.92	8.20	21.89	30.00	8.11	H
		3525.00	-25.97	4.32	44.03	8.21	21.95	30.00	8.05	H
		3480.00	-23.72	4.24	43.16	8.15	23.35	30.00	6.65	H
	60MHz	3500.01	-26.91	4.29	44.92	8.20	21.92	30.00	8.08	H
		3519.99	-26.39	4.32	44.13	8.21	21.63	30.00	8.37	H
		3485.01	-25.75	4.25	44.86	8.16	23.02	30.00	6.98	H
	70MHz	3500.01	-27.92	4.29	44.92	8.20	20.91	30.00	9.09	H
		3514.98	-26.59	4.33	44.36	8.21	21.65	30.00	8.35	H
		3490.02	-24.99	4.25	43.78	8.18	22.71	30.00	7.29	H
	80MHz	3500.01	-27.16	4.29	44.92	8.20	21.67	30.00	8.33	H
		3510.00	-25.30	4.33	43.41	8.21	21.99	30.00	8.01	H
3495.00		-25.85	4.27	43.69	8.19	21.76	30.00	8.24	H	
90MHz	3500.01	-27.06	4.29	44.92	8.20	21.77	30.00	8.23	H	
	3504.99	-26.94	4.31	44.84	8.20	21.79	30.00	8.21	H	
	3460.02	-26.62	4.23	43.80	8.10	21.05	30.00	8.95	H	
64QAM	30MHz	3465.00	-26.61	4.23	44.04	8.12	21.32	30.00	8.68	H
	40MHz	3470.01	-26.38	4.23	43.82	8.13	21.34	30.00	8.66	H
	50MHz	3475.02	-26.60	4.24	44.11	8.14	21.41	30.00	8.59	H
	60MHz	3480.00	-25.66	4.24	43.16	8.15	21.41	30.00	8.59	H
	70MHz	3485.01	-27.82	4.25	44.86	8.16	20.95	30.00	9.05	H
	80MHz	3490.02	-26.95	4.25	43.78	8.18	20.75	30.00	9.25	H
	90MHz	3495.00	-27.85	4.27	43.69	8.19	19.76	30.00	10.24	H
	20MHz	3460.02	-28.07	4.23	43.80	8.10	19.60	30.00	10.40	H
256QAM	30MHz	3465.00	-28.32	4.23	44.04	8.12	19.61	30.00	10.39	H
	40MHz	3470.01	-28.05	4.23	43.82	8.13	19.67	30.00	10.33	H
	50MHz	3475.02	-28.10	4.24	44.11	8.14	19.91	30.00	10.09	H
	60MHz	3480.00	-27.04	4.24	43.16	8.15	20.03	30.00	9.97	H
	70MHz	3485.01	-29.32	4.25	44.86	8.16	19.45	30.00	10.55	H
	80MHz	3490.02	-28.45	4.25	43.78	8.18	19.25	30.00	10.75	H
	90MHz	3495.00	-29.34	4.27	43.69	8.19	18.27	30.00	11.73	H

**n78L(3450MHz~3550MHz, ANT4, SRS) - EIRP**
**Limits: ≤30dBm (1W)**

Mod.	Bandwidth	Frequency (MHz)	P <sub>Mea</sub> (dBm)	P <sub>cl</sub> (dB)	P <sub>Ag</sub> (dB)	G <sub>a</sub> (dBi)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Ant.Pol
pi/2 BPSK	20MHz	3460.02	-28.96	4.23	43.80	8.10	18.71	30.00	11.29	V
		3500.01	-29.88	4.29	44.92	8.20	18.95	30.00	11.05	V
		3540.00	-29.44	4.31	43.85	8.22	18.32	30.00	11.68	V
QPSK	20MHz	3460.02	-29.46	4.23	43.80	8.10	18.21	30.00	11.79	V
		3500.01	-30.30	4.29	44.92	8.20	18.53	30.00	11.47	V
		3540.00	-29.67	4.31	43.85	8.22	18.09	30.00	11.91	V
16QAM	20MHz	3500.01	-31.30	4.29	44.92	8.20	17.53	30.00	12.47	V
64QAM	20MHz	3500.01	-31.84	4.29	44.92	8.20	16.99	30.00	13.01	V
256QAM	20MHz	3500.01	-33.66	4.29	44.92	8.20	15.17	30.00	14.83	V

**n78L(3450MHz~3550MHz, ANT7, SRS) - EIRP**
**Limits: ≤30dBm (1W)**

Mod.	Bandwidth	Frequency (MHz)	P <sub>Mea</sub> (dBm)	P <sub>cl</sub> (dB)	P <sub>Ag</sub> (dB)	G <sub>a</sub> (dBi)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Ant.Pol
pi/2 BPSK	20MHz	3460.02	-25.02	4.23	43.80	8.10	22.65	30.00	7.35	H
		3500.01	-26.24	4.29	44.92	8.20	22.59	30.00	7.41	H
		3540.00	-25.89	4.31	43.85	8.22	21.87	30.00	8.13	H
QPSK	20MHz	3460.02	-25.11	4.23	43.80	8.10	22.56	30.00	7.44	H
		3500.01	-26.83	4.29	44.92	8.20	22.00	30.00	8.00	H
		3540.00	-25.96	4.31	43.85	8.22	21.80	30.00	8.20	H
16QAM	20MHz	3460.02	-25.94	4.23	43.80	8.10	21.73	30.00	8.27	H
64QAM	20MHz	3460.02	-27.38	4.23	43.80	8.10	20.29	30.00	9.71	H
256QAM	20MHz	3460.02	-29.47	4.23	43.80	8.10	18.20	30.00	11.80	H

**n78L(3450MHz~3550MHz, ANT3, SRS) - EIRP**
**Limits: ≤30dBm (1W)**

Mod.	Bandwidth	Frequency (MHz)	P <sub>Mea</sub> (dBm)	P <sub>cl</sub> (dB)	P <sub>Ag</sub> (dB)	G <sub>a</sub> (dBi)	EIRP (dBm)	Limit (dBm)	Margin (dB)	Ant.Pol
pi/2 BPSK	20MHz	3460.02	-30.68	4.23	43.80	8.10	16.99	30.00	13.01	H
		3500.01	-31.91	4.29	44.92	8.20	16.92	30.00	13.08	H
		3540.00	-31.23	4.31	43.85	8.22	16.53	30.00	13.47	H
QPSK	20MHz	3460.02	-30.66	4.23	43.80	8.10	17.01	30.00	12.99	H
		3500.01	-31.84	4.29	44.92	8.20	16.99	30.00	13.01	H
		3540.00	-31.02	4.31	43.85	8.22	16.74	30.00	13.26	H
16QAM	20MHz	3460.02	-30.82	4.23	43.80	8.10	16.85	30.00	13.15	H
64QAM	20MHz	3460.02	-32.79	4.23	43.80	8.10	14.88	30.00	15.12	H
256QAM	20MHz	3460.02	-34.75	4.23	43.80	8.10	12.92	30.00	17.08	H

Note: The maximum value of expanded measurement uncertainty for this test item is U = 5.76 dB, k = 2.

## A.2 Emission Limit

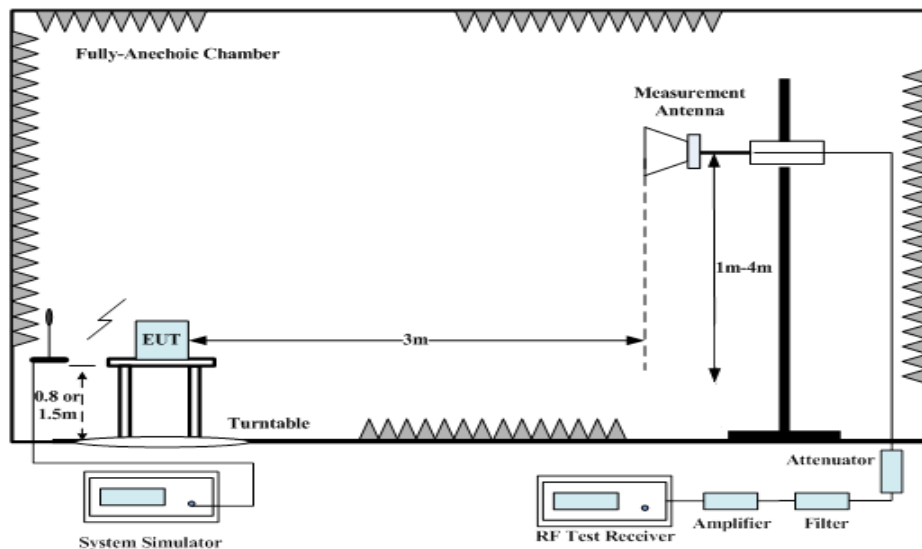
### **A.2.1 Measurement Method**

The measurement procedures in TIA-603E-2016 are used.

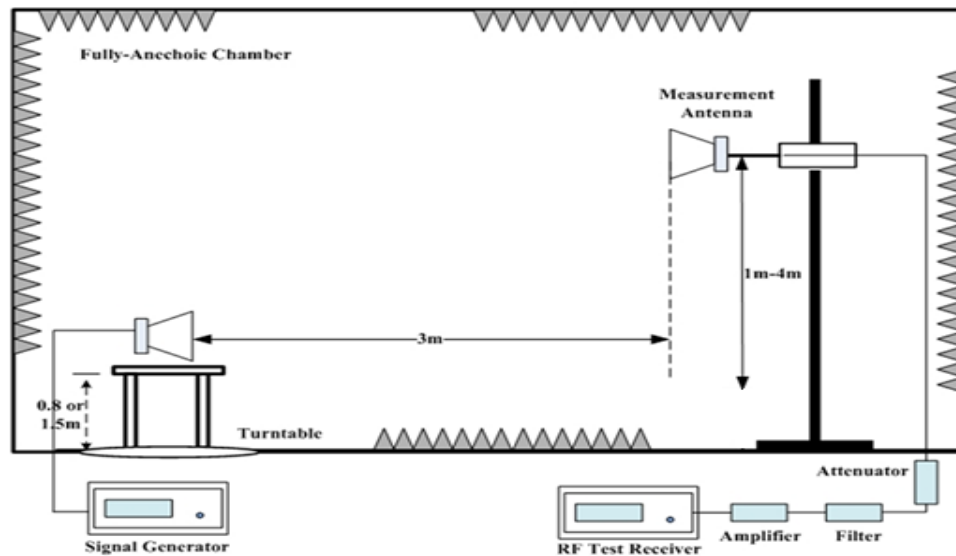
The spectrum was scanned from 9kHz to the lower of the 10th harmonic of the highest fundamental frequency and 40GHz. The spectrum was scanned with the mobile station transmitting at carrier frequencies that pertain to low, mid and high channels of each NR Band.

#### **The procedure of radiated spurious emissions is as follows:**

For measurements performed at frequencies less than or equal to 1 GHz, the EUT was placed on a 80cm-high non-conductive support; For measurements performed at frequencies above 1GHz,EUT was placed on a 1.5-meter-high non-conductive support. A measurement antenna was placed on the antenna mast 3 meters from the EUT for emission measurements. In the initial test, the height of the measurement antenna was varied from 1 m to 4 m 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 non-harmonic and harmonics of the transmit frequency through the 10th harmonic were measured with peak detector.



1. 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).
2. The EUT shall be replaced by a substitution antenna. The test setup refers to figure below.



In the chamber, a substitution antenna for the frequency band of interest is placed at the 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. The height of measurement antenna varied between 1 m to 4 m to maximize the received signal amplitude for each emission that was detected and measured in the initial test. 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 reach the previously recorded ( $P_r$ ). The power of signal source ( $P_{Mea}$ ) is recorded. The test was performed with the measurement antenna in both vertical and horizontal polarization.

3. The Path loss ( $P_{pl}$ ) between the Signal Source and the Substitution Antenna and the Substitution Antenna Gain ( $G_a$ ) were recorded after test. A amplifier was connected in for the test. The Path loss ( $P_{pl}$ ) is the summation of the cable loss and the gain of the amplifier.
4. The measurement results are obtained as described below:

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

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

### A.2.2 Measurement Limit

**n5/n26:** 22.917 specify that Out of band emissions. The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power ( $P$ ) by a factor of at least  $43 + 10 \log (P)$  dB.

**n2/n25:** 24.238 specify that the power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power ( $P$ ) by a factor of at least  $43 + 10 \log (P)$  dB.

**n30:** Part 27.53(a) states for mobile and portable stations operating in the 2305–2315 MHz and 2350–2360 MHz bands: By a factor of not less than:  $43 + 10 \log (P)$  dB on all frequencies between 2305 and 2320 MHz and on all frequencies between 2345 and 2360 MHz that are outside the licensed band(s) of operation, not less than  $55 + 10 \log (P)$  dB on all frequencies between 2320 and 2324 MHz and on all frequencies between 2341 and 2345 MHz, not less than  $61 + 10 \log (P)$  dB on



all frequencies between 2324 and 2328 MHz and on all frequencies between 2337 and 2341 MHz, and not less than  $67 + 10 \log (P)$  dB on all frequencies between 2328 and 2337MHz; By a factor of not less than  $43 + 10 \log (P)$  dB on all frequencies between 2300 and 2305 MHz,  $55 + 10 \log (P)$  dB on all frequencies between 2296 and 2300MHz,  $61 + 10 \log (P)$  dB on all frequencies between 2292 and 2296 MHz,  $67 + 10 \log (P)$  dB on all frequencies between 2288 and 2292 MHz, and  $70 + 10 \log (P)$  dB below 2288 MHz; By a factor of not less than  $43 + 10 \log (P)$  dB on all frequencies between 2360 and 2365 MHz, and not less than  $70 + 10 \log (P)$  dB above 2365 MHz.

**n41:** 27.53(m) (4) specifies " For mobile digital stations, the attenuation factor shall be not less than  $40 + 10 \log (P)$  dB on all frequencies between the channel edge and 5 megahertz from the channel edge,  $43 + 10 \log (P)$  dB on all frequencies between 5 megahertz and X megahertz from the channel edge, and  $55 + 10 \log (P)$  dB on all frequencies more than X megahertz from the channel edge, where X is the greater of 6 megahertz or the actual emission bandwidth as defined in paragraph (m)(6) of this section. In addition, the attenuation factor shall not be less that  $43 + 10 \log (P)$  dB on all frequencies between 2490.5 MHz and 2496 MHz and  $55 + 10 \log (P)$  dB at or below 2490.5 MHz. Mobile Satellite Service licensees operating on frequencies below 2495 MHz may also submit a documented interference complaint against BRS licensees operating on channel BRS Channel 1 on the same terms and conditions as adjacent channel BRS or EBS licensees. "

**n66/70:** 27.53(h) specifies "AWS emission limits—(1) General protection levels. Except as otherwise specified below, for operations in the 1695-1710 MHz, 1710-1755 MHz, 1755-1780 MHz, 1915-1920 MHz, 1995-2000 MHz, 2000-2020 MHz, 2110-2155 MHz, 2155-2180 MHz, and 2180-2200 bands, the power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) in watts by at least  $43 + 10 \log_{10} (P)$  dB"

**n71:** 27.53(g) specifies "For operations in the 600 MHz band and the 698–746 MHz band, the power of any emission outside a licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, by at least  $43 + 10 \log (P)$  dB. Compliance with this provision is based on the use of measurement instrumentation employing a resolution band-width of 100 kilohertz or greater. How-ever, in the 100 kilohertz bands immediately outside and adjacent to a licensee's frequency block, a resolution bandwidth of at least 30 kHz may be employed. "

**n77L/n78L:** Part 27.53(n) states for mobile operations in the 3450-3550 MHz band, the conducted power of any emission outside the licensee's authorized bandwidth shall not exceed–13 dBm/ MHz

**n77H:** Part 27.53(l) states for mobile operations in the 3700-3980 MHz band, the conducted power of any emission outside the licensee's authorized bandwidth shall not exceed –13 dBm/MHz

### **A.2.3 Measurement Results**

Radiated emissions measurements were made only at the upper, middle, and lower carrier frequencies of each 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 each 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.

For NR operation, all subcarrier spacing (SCS) and transmission schemes (e.g. CP-OFDM and DFT-s-OFDM) were investigated to determine the worst case configuration.

Spurious emissions shown in this section measured while operating in EN-DC mode with sub 6GHz NR carrier as well as an LTE (anchor). Spurious emission from the NR carrier device is subject to the rules under which the NR carrier operates. Spurious emissions caused by the LTE carrier must meet the requirement of the rules under which the LTE carrier operates.

The range of evaluated frequency is from 9 kHz to 10th harmonic of the fundamental frequency of the transmitter. Measurement value showed only up to 6 maximum emissions noted.

#### A.2.4 Measurement Results Table

Frequency	Channel	Frequency Range	Result
NR Bands	Low	9kHz-40GHz	Pass
	Middle	9kHz-40GHz	Pass
	High	9kHz-40GHz	Pass

#### A.2.5 Sweep Table

Subrange	RBW	VBW
9~150 kHz	0.2kHz	0.6kHz
150kHz~30MHz	9kHz	27kHz
30MHz~1 GHz	100KHz	300KHz
1~40 GHz	1 MHz	3 MHz

### A.2.6 Measurement Result

#### NR n2 (ANT0), 5MHz, Channel 370500

Frequency (MHz)	P <sub>Mea</sub> (dBm)	P <sub>pl</sub> (dB)	AntennaGain (dBi)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polorization
3681.50	-57.22	6.47	8.45	-55.24	-13.00	42.24	V
5557.00	-47.27	7.19	10.59	-43.87	-13.00	30.87	V
7401.00	-53.03	8.12	12.08	-49.07	-13.00	36.07	H
9288.50	-50.81	9.13	13.27	-46.67	-13.00	33.67	H
11101.00	-50.22	9.83	13.18	-46.87	-13.00	33.87	V
12954.50	-50.22	10.48	13.47	-47.23	-13.00	34.23	H

#### NR n2 (ANT0), 5MHz, Channel 376000

Frequency (MHz)	P <sub>Mea</sub> (dBm)	P <sub>pl</sub> (dB)	AntennaGain (dBi)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polorization
3759.50	-58.19	6.26	8.56	-55.89	-13.00	42.89	H
5639.50	-49.68	7.27	10.57	-46.38	-13.00	33.38	H
7518.50	-51.82	8.32	12.21	-47.93	-13.00	34.93	H
9410.00	-52.10	9.09	13.35	-47.84	-13.00	34.84	H
11309.50	-49.36	10.00	13.14	-46.22	-13.00	33.22	V
13186.50	-48.02	10.56	13.76	-44.82	-13.00	31.82	V

#### NR n2 (ANT0), 5MHz, Channel 381500

Frequency (MHz)	P <sub>Mea</sub> (dBm)	P <sub>pl</sub> (dB)	AntennaGain (dBi)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polorization
3815.00	-55.54	6.09	8.64	-52.99	-13.00	39.99	V
5722.00	-49.01	7.30	10.56	-45.75	-13.00	32.75	H
7640.00	-53.01	8.15	12.31	-48.85	-13.00	35.85	V
9587.00	-52.38	9.23	13.31	-48.30	-13.00	35.30	H
11500.50	-50.28	9.81	13.10	-46.99	-13.00	33.99	H
13361.00	-48.44	10.57	14.01	-45.00	-13.00	32.00	H

**NR EN-DC B12-n2 (ANT4), Channel 370500**

Frequency (MHz)	P <sub>Mea</sub> (dBm)	P <sub>pl</sub> (dB)	AntennaGain (dBi)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polorization
2615.50	-30.10	4.71	6.31	-28.50	-13.00	15.50	H
6476.50	-55.66	7.53	10.98	-52.21	-13.00	39.21	H
7771.50	-54.93	8.33	12.42	-50.84	-13.00	37.84	V
9051.00	-51.75	9.07	13.13	-47.69	-13.00	34.69	H
10401.00	-48.97	9.80	13.06	-45.71	-13.00	32.71	V
11641.00	-49.56	9.72	13.07	-46.21	-13.00	33.21	H

**NR EN-DC B12-n2 (ANT4), Channel 376000**

Frequency (MHz)	P <sub>Mea</sub> (dBm)	P <sub>pl</sub> (dB)	AntennaGain (dBi)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polorization
2588.00	-30.56	4.69	6.26	-28.99	-13.00	15.99	V
6489.50	-55.82	7.52	10.99	-52.35	-13.00	39.35	V
7801.00	-53.51	8.29	12.44	-49.36	-13.00	36.36	V
9073.50	-51.32	9.01	13.14	-47.19	-13.00	34.19	H
10378.00	-49.12	9.77	13.05	-45.84	-13.00	32.84	V
11688.00	-49.02	9.63	13.06	-45.59	-13.00	32.59	V

**NR EN-DC B12-n2 (ANT4), 5MHz, Channel 381500**

Frequency (MHz)	P <sub>Mea</sub> (dBm)	P <sub>pl</sub> (dB)	AntennaGain (dBi)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polorization
2620.50	-38.51	4.72	6.32	-36.91	-13.00	23.91	V
6510.50	-55.83	7.51	11.01	-52.33	-13.00	39.33	H
7803.50	-55.02	8.29	12.44	-50.87	-13.00	37.87	H
9049.00	-52.21	9.07	13.13	-48.15	-13.00	35.15	H
10362.50	-48.63	9.74	13.05	-45.32	-13.00	32.32	V
11670.00	-49.48	9.67	13.07	-46.08	-13.00	33.08	H

**NR n5, 5MHz, PI/2 BPSK, Channel 165300**

Frequency (MHz)	P <sub>Mea</sub> (dBm)	P <sub>pl</sub> (dB)	AntennaGain (dBi)	Correction	Peak ERP (dBm)	Limit (dBm)	Margin (dB)	Polorization
1665.50	-60.71	3.58	9.53	2.15	-56.91	-13.00	43.91	V
2479.50	-54.03	4.60	10.28	2.15	-50.50	-13.00	37.50	V
3306.00	-70.69	5.29	10.41	2.15	-67.72	-13.00	54.72	V
4146.50	-68.31	6.08	10.40	2.15	-66.14	-13.00	53.14	H
4963.50	-68.10	6.67	11.23	2.15	-65.69	-13.00	52.69	V
5794.50	-66.03	7.20	11.01	2.15	-64.37	-13.00	51.37	V

**NR n5, 5MHz, PI/2 BPSK, Channel 167300**

Frequency (MHz)	P <sub>Mea</sub> (dBm)	P <sub>pl</sub> (dB)	AntennaGain (dBi)	Correction	Peak ERP (dBm)	Limit (dBm)	Margin (dB)	Polorization
1685.00	-60.35	3.59	9.57	2.15	-56.52	-13.00	43.52	V
2524.50	-53.98	4.65	10.15	2.15	-50.63	-13.00	37.63	H
3346.00	-70.56	5.31	10.49	2.15	-67.53	-13.00	54.53	V
4168.50	-67.91	6.13	10.44	2.15	-65.75	-13.00	52.75	V
5034.00	-67.82	6.59	11.37	2.15	-65.19	-13.00	52.19	H
5847.50	-66.00	7.23	10.81	2.15	-64.57	-13.00	51.57	V

**NR n5, 5MHz, PI/2 BPSK, Channel 169300**

Frequency (MHz)	P <sub>Mea</sub> (dBm)	P <sub>pl</sub> (dB)	AntennaGain (dBi)	Correction	Peak ERP (dBm)	Limit (dBm)	Margin (dB)	Polorization
1706.50	-60.35	3.60	9.63	2.15	-56.47	-13.00	43.47	H
2554.50	-53.53	4.67	10.07	2.15	-50.28	-13.00	37.28	H
3385.50	-69.34	5.35	10.50	2.15	-66.34	-13.00	53.34	H
4245.50	-68.07	6.24	10.59	2.15	-65.87	-13.00	52.87	V
5072.00	-67.74	6.69	11.44	2.15	-65.14	-13.00	52.14	H
5940.50	-65.45	7.47	10.50	2.15	-64.57	-13.00	51.57	V

**NR EN-DC B66-n5, 5MHz, PI/2 BPSK, Channel 165300**

Frequency (MHz)	P <sub>Mea</sub> (dBm)	P <sub>pl</sub> (dB)	AntennaGain (dBi)	Correction	Peak ERP (dBm)	Limit (dBm)	Margin (dB)	Polorization
1429.50	-60.62	3.27	7.86	2.15	-58.18	-13.00	45.18	H
2137.00	-54.37	4.23	8.42	2.15	-52.33	-13.00	39.33	H
2819.50	-50.93	4.94	10.58	2.15	-47.44	-13.00	34.44	V
3547.50	-69.03	5.80	10.60	2.15	-66.38	-13.00	53.38	H
4249.50	-67.47	6.24	10.60	2.15	-65.26	-13.00	52.26	V
4942.00	-67.04	6.70	11.23	2.15	-64.66	-13.00	51.66	H

**NR EN-DC B66-n5, 5MHz, PI/2 BPSK, Channel 167300**

Frequency (MHz)	P <sub>Mea</sub> (dBm)	P <sub>pl</sub> (dB)	AntennaGain (dBi)	Correction	Peak ERP (dBm)	Limit (dBm)	Margin (dB)	Polorization
1401.00	-60.70	3.24	7.80	2.15	-58.29	-13.00	45.29	V
2137.00	-54.56	4.23	8.42	2.15	-52.52	-13.00	39.52	H
2819.50	-50.87	4.94	10.58	2.15	-47.38	-13.00	34.38	H
3528.00	-69.27	5.60	10.60	2.15	-66.42	-13.00	53.42	H
4235.00	-67.09	6.25	10.57	2.15	-64.92	-13.00	51.92	V
4940.50	-66.92	6.71	11.24	2.15	-64.54	-13.00	51.54	H

**NR EN-DC B66-n5, 5MHz, PI/2 BPSK, Channel 169300**

Frequency (MHz)	P <sub>Mea</sub> (dBm)	P <sub>pl</sub> (dB)	AntennaGain (dBi)	Correction	Peak ERP (dBm)	Limit (dBm)	Margin (dB)	Polorization
1407.00	-60.62	3.24	7.81	2.15	-58.20	-13.00	45.20	V
2137.50	-54.53	4.23	8.43	2.15	-52.48	-13.00	39.48	V
2817.50	-50.77	4.94	10.57	2.15	-47.29	-13.00	34.29	V
3546.50	-69.67	5.79	10.60	2.15	-67.01	-13.00	54.01	H
4251.50	-67.62	6.24	10.61	2.15	-65.40	-13.00	52.40	V
4939.00	-67.51	6.71	11.24	2.15	-65.13	-13.00	52.13	V

**NR n25 (ANT0), 5MHz, Channel 370500**

Frequency (MHz)	P <sub>Mea</sub> (dBm)	P <sub>pl</sub> (dB)	AntennaGain (dBi)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polorization
3694.00	-58.41	6.44	8.47	-56.38	-13.00	43.38	V
5557.50	-48.10	7.19	10.59	-44.70	-13.00	31.70	V
7435.00	-52.45	8.21	12.12	-48.54	-13.00	35.54	H
9264.00	-52.61	9.07	13.26	-48.42	-13.00	35.42	H
11089.00	-51.17	9.86	13.18	-47.85	-13.00	34.85	H
12947.00	-50.00	10.49	13.47	-47.02	-13.00	34.02	H

**NR n25 (ANT0), 5MHz, Channel 376500**

Frequency (MHz)	P <sub>Mea</sub> (dBm)	P <sub>pl</sub> (dB)	AntennaGain (dBi)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polorization
3765.00	-55.78	6.25	8.57	-53.46	-13.00	40.46	H
5647.00	-49.94	7.27	10.57	-46.64	-13.00	33.64	V
7555.00	-53.02	8.16	12.24	-48.94	-13.00	35.94	V
9423.50	-52.21	9.15	13.35	-48.01	-13.00	35.02	H
11323.50	-49.31	10.01	13.14	-46.18	-13.00	33.18	V
13174.00	-47.83	10.61	13.74	-44.70	-13.00	31.70	H

**NR n25 (ANT0), 5MHz, Channel 382500**

Frequency (MHz)	P <sub>Mea</sub> (dBm)	P <sub>pl</sub> (dB)	AntennaGain (dBi)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polorization
3824.50	-55.38	6.06	8.65	-52.79	-13.00	39.79	V
5737.00	-51.17	7.28	10.55	-47.90	-13.00	34.90	V
7665.00	-54.58	8.27	12.33	-50.52	-13.00	37.52	H
9534.00	-51.93	9.42	13.37	-47.98	-13.00	34.98	V
11456.50	-50.56	9.92	13.11	-47.37	-13.00	34.37	H
13399.00	-48.48	10.57	14.06	-44.99	-13.00	31.99	V

**NR EN-DC B12\_n25 (ANT4), 5MHz, Channel 370500**

Frequency (MHz)	P <sub>Mea</sub> (dBm)	P <sub>pl</sub> (dB)	AntennaGain (dBi)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polorization
2613.00	-38.60	4.71	6.30	-37.01	-13.00	24.01	V
6509.50	-55.59	7.51	11.01	-52.09	-13.00	39.09	H
7797.00	-55.01	8.29	12.44	-50.86	-13.00	37.86	H
9049.50	-52.08	9.07	13.13	-48.02	-13.00	35.02	H
10383.50	-49.07	9.77	13.05	-45.79	-13.00	32.79	V
11683.00	-49.65	9.64	13.06	-46.23	-13.00	33.23	H

**NR EN-DC B12\_n25 (ANT4), 5MHz, Channel 376500**

Frequency (MHz)	P <sub>Mea</sub> (dBm)	P <sub>pl</sub> (dB)	AntennaGain (dBi)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polorization
2577.50	-38.43	4.69	6.24	-36.88	-13.00	23.88	V
6507.50	-54.88	7.51	11.01	-51.38	-13.00	38.38	V
7768.00	-54.23	8.33	12.41	-50.15	-13.00	37.15	V
9047.50	-52.19	9.07	13.13	-48.13	-13.00	35.13	H
10402.00	-48.28	9.80	13.06	-45.02	-13.00	32.02	V
11677.50	-50.17	9.65	13.06	-46.76	-13.00	33.76	V

**NR EN-DC B12\_n25 (ANT4), 5MHz, Channel 382500**

Frequency (MHz)	P <sub>Mea</sub> (dBm)	P <sub>pl</sub> (dB)	AntennaGain (dBi)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polorization
2619.00	-38.65	4.71	6.31	-37.05	-13.00	24.05	H
6506.50	-54.86	7.51	11.01	-51.36	-13.00	38.36	H
7766.50	-54.38	8.33	12.41	-50.30	-13.00	37.30	V
9092.00	-52.01	8.96	13.16	-47.81	-13.00	34.81	H
10374.00	-48.59	9.76	13.05	-45.30	-13.00	32.30	V
11651.50	-49.51	9.70	13.07	-46.14	-13.00	33.14	H



**NR n26 (824MHz~849MHz), 5MHz, Channel 165300**

Frequency (MHz)	P <sub>Mea</sub> (dBm)	P <sub>pl</sub> (dB)	AntennaGain (dBi)	Correction	Peak ERP (dBm)	Limit (dBm)	Margin (dB)	Polorization
1653.50	-44.40	3.57	5.22	2.15	-44.90	-13.00	31.90	H
2457.00	-38.23	4.58	5.97	2.15	-38.99	-13.00	25.99	H
3318.50	-58.85	5.29	7.76	2.15	-58.53	-13.00	45.53	V
4124.50	-55.74	6.04	9.02	2.15	-54.91	-13.00	41.91	H
4936.00	-56.51	6.71	9.84	2.15	-55.53	-13.00	42.53	H
5791.00	-55.21	7.20	10.54	2.15	-54.02	-13.00	41.02	H

**NR n26 (824MHz~849MHz), 5MHz, Channel 167300**

Frequency (MHz)	P <sub>Mea</sub> (dBm)	P <sub>pl</sub> (dB)	AntennaGain (dBi)	Correction	Peak ERP (dBm)	Limit (dBm)	Margin (dB)	Polorization
1683.50	-44.54	3.59	5.17	2.15	-45.11	-13.00	32.11	V
2502.00	-38.71	4.63	6.10	2.15	-39.39	-13.00	26.39	V
3346.00	-58.43	5.31	7.83	2.15	-58.06	-13.00	45.06	H
4198.50	-56.23	6.20	9.10	2.15	-55.48	-13.00	42.48	H
5025.50	-56.60	6.56	9.94	2.15	-55.37	-13.00	42.37	V
5837.50	-55.21	7.19	10.53	2.15	-54.02	-13.00	41.02	V

**NR n26 (824MHz~849MHz), 5MHz, Channel 169300**

Frequency (MHz)	P <sub>Mea</sub> (dBm)	P <sub>pl</sub> (dB)	AntennaGain (dBi)	Correction	Peak ERP (dBm)	Limit (dBm)	Margin (dB)	Polorization
1697.00	-44.09	3.60	5.15	2.15	-44.69	-13.00	31.69	V
2537.00	-38.10	4.66	6.17	2.15	-38.74	-13.00	25.74	H
3405.00	-59.06	5.37	7.97	2.15	-58.61	-13.00	45.61	V
4230.00	-56.16	6.26	9.13	2.15	-55.44	-13.00	42.44	H
5093.50	-56.86	6.75	10.03	2.15	-55.73	-13.00	42.73	V
5943.00	-54.73	7.47	10.51	2.15	-53.84	-13.00	40.84	V

**NR n26 (814MHz~824MHz), 5MHz, Channel 163300**

Frequency (MHz)	P <sub>Mea</sub> (dBm)	P <sub>pl</sub> (dB)	AntennaGain (dBi)	Correction	Peak ERP (dBm)	Limit (dBm)	Margin (dB)	Polorization
1656.00	-44.31	3.57	5.22	2.15	-44.81	-13.00	31.81	V
2459.00	-38.58	4.58	5.98	2.15	-39.33	-13.00	26.33	V
3265.00	-58.91	5.28	7.64	2.15	-58.70	-13.00	45.70	H
4102.00	-56.81	6.04	9.00	2.15	-56.00	-13.00	43.00	H
4896.00	-55.84	6.73	9.80	2.15	-54.92	-13.00	41.92	V
5715.50	-55.10	7.30	10.56	2.15	-53.99	-13.00	40.99	V

**NR n26 (814MHz~824MHz), 5MHz, Channel 163800**

Frequency (MHz)	P <sub>Mea</sub> (dBm)	P <sub>pl</sub> (dB)	AntennaGain (dBi)	Correction	Peak ERP (dBm)	Limit (dBm)	Margin (dB)	Polorization
1635.50	-45.14	3.56	5.26	2.15	-45.59	-13.00	32.59	H
2443.00	-38.00	4.56	5.93	2.15	-38.78	-13.00	25.78	H
3265.50	-58.99	5.28	7.64	2.15	-58.78	-13.00	45.78	V
4078.50	-57.30	6.04	8.98	2.15	-56.51	-13.00	43.51	V
4899.50	-56.14	6.73	9.80	2.15	-55.22	-13.00	42.22	H
5716.00	-54.92	7.30	10.56	2.15	-53.81	-13.00	40.81	V

**NR n26 (814MHz~824MHz), 5MHz, Channel 164300**

Frequency (MHz)	P <sub>Mea</sub> (dBm)	P <sub>pl</sub> (dB)	AntennaGain (dBi)	Correction	Peak ERP (dBm)	Limit (dBm)	Margin (dB)	Polorization
1828.50	-41.95	3.80	4.91	2.15	-42.99	-13.00	29.99	V
2615.00	-37.74	4.71	6.31	2.15	-38.29	-13.00	25.29	V
7526.50	-50.77	8.28	12.22	2.15	-48.98	-13.00	35.98	H
8031.50	-51.23	8.32	12.63	2.15	-49.07	-13.00	36.07	H
9233.50	-50.49	9.00	13.24	2.15	-48.40	-13.00	35.40	V
9759.00	-48.51	8.94	13.14	2.15	-46.46	-13.00	33.46	V

**NR n30 (ANT1), 5MHz, Channel 461500**

Frequency (MHz)	P <sub>Mea</sub> (dBm)	P <sub>pl</sub> (dB)	AntennaGain (dBi)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polorization
4615.00	-66.04	6.46	9.52	-62.98	-40.00	22.98	V
6922.50	-60.74	7.72	11.51	-56.95	-40.00	16.95	V
9229.50	-56.71	8.99	13.24	-52.46	-40.00	12.46	H
11538.00	-59.75	9.81	13.09	-56.47	-40.00	16.47	V
13845.00	-58.11	10.69	14.41	-54.39	-40.00	14.39	V
16178.00	-58.13	11.76	13.66	-56.23	-40.00	16.23	V

**NR n30 (ANT1), 5MHz, Channel 462000**

Frequency (MHz)	P <sub>Mea</sub> (dBm)	P <sub>pl</sub> (dB)	AntennaGain (dBi)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polorization
4620.00	-65.10	6.45	9.52	-62.03	-40.00	22.03	V
6930.00	-61.27	7.76	11.52	-57.51	-40.00	17.51	H
9240.00	-56.31	9.02	13.24	-52.09	-40.00	12.09	H
11550.50	-60.10	9.81	13.09	-56.82	-40.00	16.82	V
13834.50	-59.35	10.67	14.40	-55.62	-40.00	15.62	V
16170.00	-56.26	11.77	13.67	-54.36	-40.00	14.36	H

**NR n30 (ANT1), 5MHz, Channel 462500**

Frequency (MHz)	P <sub>Mea</sub> (dBm)	P <sub>pl</sub> (dB)	AntennaGain (dBi)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polorization
4625.00	-65.17	6.44	9.53	-62.08	-40.00	22.08	V
6937.50	-62.01	7.82	11.53	-58.30	-40.00	18.30	V
9250.00	-56.21	9.04	13.25	-52.00	-40.00	12.00	H
11562.50	-59.44	9.80	13.09	-56.15	-40.00	16.15	V
13875.00	-59.45	10.75	14.43	-55.77	-40.00	15.77	H
16188.00	-56.33	11.74	13.66	-54.41	-40.00	14.41	H