

22dBi PBE-AC-300

Bandwidth	Frequency	Data Rate	J7	J13	J7	J8	Combined	Limit	Margin
MHz	MHz		dBm	dBm	mW	mW	dBm	dBm	dB
10	5735	vt0	-1.2	-0.5	0.8	0.9	2.1	30	-27.9
10	5790	vt0	20.7	21.3	117.5	134.9	24.0	30	-6.0
10	5840	vt0	24.6	25.4	285.2	342.9	28.0	30	-2.0
20	5740	vt0	-6.0	-5.3	0.2	0.3	-2.7	30	-32.7
20	5790	vt0	20.9	21.4	123.0	138.0	24.2	30	-5.8
20	5835	vt0	25.0	25.8	312.8	376.0	28.4	30	-1.6
30	5745	vt0	-10.0	-9.2	0.1	0.1	-6.6	30	-36.6
30	5790	vt0	20.8	21.7	120.2	147.9	24.3	30	-5.7
30	5830	vt0	24.9	25.8	305.6	376.0	28.3	30	-1.7
40	5750	vf0	-12.6	-11.1	0.1	0.1	-8.8	30	-38.8
40	5790	vf0	20.3	20.7	107.2	117.5	23.5	30	-6.5
40	5825	vf0	24.6	23.5	285.2	221.4	27.0	30	-3.0
50	5755	vf0	-12.5	-10.9	0.1	0.1	-8.7	30	-38.7
50	5790	vf0	17.7	18.2	58.9	66.1	21.0	30	-9.0
50	5820	vf0	20.9	19.8	121.7	94.5	23.3	30	-6.7
60	5760	vf0	-11.1	-9.7	0.1	0.1	-7.4	30	-37.4
60	5790	vf0	17.0	17.3	50.1	53.7	20.2	30	-9.8
60	5815	vf0	12.7	12.1	18.4	16.0	15.4	30	-14.6
80	5770	ve00	-13.3	-11.0	0.0	0.1	-9.0	30	-39.0
80	5790	ve00	-7.7	-7.4	0.2	0.2	-4.6	30	-34.6
80	5805	ve00	-2.5	-2.8	0.6	0.5	0.3	30	-29.7
80	5810	ve00	0.2	-0.4	1.0	0.9	2.9	30	-27.1

25dBi PBE-AC-400

Bandwidth	Frequency	Data Rate	J7	J13	J7	J8	Combined	Limit	Margin
MHz	MHz		dBm	dBm	mW	mW	dBm	dBm	dB
10	5735	vt0	-2.8	-2.1	0.5	0.6	0.6	30	-29.4
10	5790	vt0	20.7	21.3	117.5	134.9	24.0	30	-6.0
10	5840	vt0	23.0	23.8	198.9	239.2	26.4	30	-3.6
20	5740	vt0	-7.6	-6.9	0.2	0.2	-4.2	30	-34.2
20	5790	vt0	20.9	21.4	123.0	138.0	24.2	30	-5.8
20	5835	vt0	23.4	24.2	218.1	262.2	26.8	30	-3.2
30	5745	vt0	-11.6	-10.8	0.1	0.1	-8.2	30	-38.2
30	5790	vt0	20.8	21.7	120.2	147.9	24.3	30	-5.7
30	5830	vt0	23.3	24.2	213.2	262.2	26.8	30	-3.2
40	5750	vf0	-14.2	-12.7	0.0	0.1	-10.4	30	-40.4
40	5790	vf0	20.3	20.7	107.2	117.5	23.5	30	-6.5
40	5825	vf0	23.0	21.9	198.9	154.4	25.5	30	-4.5
50	5755	vf0	-14.1	-12.5	0.0	0.1	-10.2	30	-40.2
50	5790	vf0	17.7	18.2	58.9	66.1	21.0	30	-9.0
50	5820	vf0	19.3	18.2	84.9	65.9	21.8	30	-8.2
60	5760	vf0	-12.7	-11.3	0.1	0.1	-8.9	30	-38.9
60	5790	vf0	5.1	5.4	3.2	3.5	8.2	30	-21.8
60	5815	vf0	11.1	10.5	12.8	11.2	13.8	30	-16.2
80	5770	ve00	-14.9	-12.6	0.0	0.1	-10.6	30	-40.6
80	5790	ve00	-9.3	-9.0	0.1	0.1	-6.2	30	-36.2
80	5805	ve00	-4.1	-4.4	0.4	0.4	-1.3	30	-31.3
80	5810	ve00	-1.4	-2.0	0.7	0.6	1.3	30	-28.7

27dBi PBE-AC-500

Bandwidth	Frequency	Data Rate	J7	J13	J7	J8	Combined	Limit	Margin
MHz	MHz		dBm	dBm	mW	mW	dBm	dBm	dB
10	5735	vt0	-3.9	-3.2	0.4	0.5	-0.5	30	-30.5
10	5790	vt0	20.7	21.3	117.5	134.9	24.0	30	-6.0
10	5840	vt0	21.9	22.7	156.4	188.1	25.4	30	-4.6
20	5740	vt0	-8.7	-8.0	0.1	0.2	-5.3	30	-35.3
20	5790	vt0	21.9	22.4	156.4	175.5	25.2	30	-4.8
20	5835	vt0	22.3	23.1	171.5	206.2	25.8	30	-4.2
30	5745	vt0	-12.7	-11.9	0.1	0.1	-9.2	30	-39.2
30	5790	vt0	16.8	17.7	48.3	59.5	20.3	30	-9.7
30	5830	vt0	22.2	23.1	167.6	206.2	25.7	30	-4.3
40	5750	vf0	-15.3	-13.8	0.0	0.0	-11.4	30	-41.4
40	5790	vf0	10.3	10.7	10.8	11.9	13.6	30	-16.4
40	5825	vf0	21.9	20.8	156.4	121.4	24.4	30	-5.6
50	5755	vf0	-15.2	-13.6	0.0	0.0	-11.3	30	-41.3
50	5790	vf0	7.7	8.2	5.9	6.7	11.0	30	-19.0
50	5820	vf0	18.2	17.1	66.7	51.8	20.7	30	-9.3
60	5760	vf0	-13.8	-12.4	0.0	0.1	-10.0	30	-40.0
60	5790	vf0	4.0	4.3	2.5	2.7	7.2	30	-22.8
60	5815	vf0	10.0	9.4	10.1	8.8	12.8	30	-17.2
80	5770	ve00	-16.0	-13.7	0.0	0.0	-11.6	30	-41.6
80	5790	ve00	-10.4	-10.1	0.1	0.1	-7.2	30	-37.2
80	5805	ve00	-5.2	-5.5	0.3	0.3	-2.3	30	-32.3
80	5810	ve00	-2.5	-3.1	0.6	0.5	0.3	30	-29.7

29dBi PBE-AC-620

Bandwidth	Frequency	Data Rate	J7	J13	J7	J8	Combined	Limit	Margin
MHz	MHz		dBm	dBm	mW	mW	dBm	dBm	dB
10	5735	vt0	-4.9	-4.2	0.3	0.4	-1.5	30	-31.5
10	5790	vt0	20.7	21.3	117.5	134.9	24.0	30	-6.0
10	5840	vt0	20.9	21.7	123.0	147.9	24.3	30	-5.7
20	5740	vt0	-9.7	-9	0.1	0.1	-6.3	30	-36.3
20	5790	vt0	20.9	21.4	123.0	138.0	24.2	30	-5.8
20	5835	vt0	21.3	22.1	134.9	162.2	24.7	30	-5.3
30	5745	vt0	-13.7	-12.9	0.0	0.1	-10.3	30	-40.3
30	5790	vt0	15.8	16.7	38.0	46.8	19.3	30	-10.7
30	5830	vt0	21.2	22.1	131.8	162.2	24.7	30	-5.3
40	5750	vf0	-16.3	-14.8	0.0	0.0	-12.5	30	-42.5
40	5790	vf0	9.3	9.7	8.5	9.3	12.5	30	-17.5
40	5825	vf0	20.9	19.8	123.0	95.5	23.4	30	-6.6
50	5755	vf0	-16.2	-14.6	0.0	0.0	-12.3	30	-42.3
50	5790	vf0	6.7	7.2	4.7	5.2	10.0	30	-20.0
50	5820	vf0	17.2	16.1	52.5	40.7	19.7	30	-10.3
60	5760	vf0	-14.8	-13.4	0.0	0.0	-11.0	30	-41.0
60	5790	vf0	3	3.3	2.0	2.1	6.2	30	-23.8
60	5815	vf0	9	8.4	7.9	6.9	11.7	30	-18.3
80	5770	ve00	-17	-14.7	0.0	0.0	-12.7	30	-42.7
80	5790	ve00	-11.4	-11.1	0.1	0.1	-8.2	30	-38.2
80	5805	ve00	-6.2	-6.5	0.2	0.2	-3.3	30	-33.3
80	5810	ve00	-3.5	-4.1	0.4	0.4	-0.8	30	-30.8