



Annex A

Output Power



UNII-2A Data

10 dBi PtoMP

Band Width	Frequency	Data Rate	J3 Level	J4 Level	J3 Level	J4 Level	Combined Output Power	Limit	Margin
MHz	MHz		dBm	dBm	mW	mW	dBm	dBm	dB
10	5255	vt0	11.2	12.1	13.2	16.2	14.7	20	-5.3
10	5300	vt0	12.1	12.4	16.2	17.4	15.3	20	-4.7
10	5340	vt0	7.4	10.5	5.5	11.2	12.2	20	-7.8
20	5260	vt0	12.8	14.6	19.1	28.8	16.8	20	-3.2
20	5300	vt0	14.5	15.1	28.2	32.4	17.8	20	-2.2
20	5335	vt0	7.0	9.2	5.0	8.3	11.2	20	-8.8
30	5265	vt0	16.7	16.7	46.8	46.8	19.7	20	-0.3
30	5300	vt0	16.1	16.0	40.7	39.8	19.1	20	-0.9
30	5330	vt0	5.4	7.3	3.5	5.4	9.5	20	-10.5
40	5270	vf0	16.2	17.2	41.7	52.5	19.7	20	-0.3
40	5300	vf0	16.5	17.1	44.7	51.3	19.8	20	-0.2
40	5330	vf0	7.3	7.1	5.4	5.1	10.2	20	-9.8

13 dBi PtoMP

Band Width	Frequency	Data Rate	J3 Level	J4 Level	J3 Level	J4 Level	Combined Output Power	Limit	Margin
MHz	MHz		dBm	dBm	mW	mW	dBm	dBm	dB
10	5255	vt0	8.2	9.1	6.6	8.1	11.7	17	-5.3
10	5300	vt0	9.1	9.4	8.1	8.7	12.3	17	-4.7
10	5340	vt0	4.4	7.5	2.8	5.6	9.2	17	-7.8
20	5260	vt0	9.8	11.6	9.5	14.5	13.8	17	-3.2
20	5300	vt0	11.5	12.1	14.1	16.2	14.8	17	-2.2
20	5335	vt0	4.0	6.2	2.5	4.2	8.2	17	-8.8
30	5265	vt0	13.7	13.7	23.4	23.4	16.7	17	-0.3
30	5300	vt0	13.1	13.0	20.4	20.0	16.1	17	-0.9
30	5330	vt0	2.4	4.3	1.7	2.7	6.5	17	-10.5
40	5270	vf0	13.2	14.2	20.9	26.3	16.7	17	-0.3
40	5300	vf0	13.5	14.1	22.4	25.7	16.8	17	-0.2
40	5330	vf0	4.3	4.1	2.7	2.6	7.2	17	-9.8



16dBi PtoP

Band Width	Frequency	Data Rate	J3 Level	J4 Level	J3 Level	J4 Level	Combined Output Power	Limit	Margin
MHz	MHz		dBm	dBm	mW	mW	dBm	dBm	dB
10	5255	vt0	5.2	6.1	3.3	4.1	8.7	14	-5.3
10	5300	vt0	6.1	6.4	4.1	4.4	9.3	14	-4.7
10	5340	vt0	1.4	4.5	1.4	2.8	6.2	14	-7.8
20	5260	vt0	6.8	8.6	4.8	7.2	10.8	14	-3.2
20	5300	vt0	8.5	9.1	7.1	8.1	11.8	14	-2.2
20	5335	vt0	1.0	3.2	1.3	2.1	5.2	14	-8.8
30	5265	vt0	10.7	10.7	11.7	11.7	13.7	14	-0.3
30	5300	vt0	10.1	10.0	10.2	10.0	13.1	14	-0.9
30	5330	vt0	-0.6	1.3	0.9	1.3	3.5	14	-10.5
40	5270	vf0	10.2	11.2	10.5	13.2	13.7	14	-0.3
40	5300	vf0	10.5	11.1	11.2	12.9	13.8	14	-0.2
40	5330	vf0	1.3	1.1	1.3	1.3	4.2	14	-9.8

17 dBi PtoP

Band Width	Frequency	Data Rate	J3 Level	J4 Level	J3 Level	J4 Level	Combined Output Power	Limit	Margin
MHz	MHz		dBm	dBm	mW	mW	dBm	dBm	dB
10	5255	vt0	4.2	5.1	2.6	3.2	7.7	13	-5.3
10	5300	vt0	5.1	5.4	3.2	3.5	8.3	13	-4.7
10	5340	vt0	0.4	3.5	1.1	2.2	5.2	13	-7.8
20	5260	vt0	5.8	7.6	3.8	5.8	9.8	13	-3.2
20	5300	vt0	7.5	8.1	5.6	6.5	10.8	13	-2.2
20	5335	vt0	0.0	2.2	1.0	1.7	4.2	13	-8.8
30	5265	vt0	9.7	9.7	9.3	9.3	12.7	13	-0.3
30	5300	vt0	9.1	9.0	8.1	7.9	12.1	13	-0.9
30	5330	vt0	-1.6	0.3	0.7	1.1	2.5	13	-10.5
40	5270	vf0	9.2	10.2	8.3	10.5	12.7	13	-0.3
40	5300	vf0	9.5	10.1	8.9	10.2	12.8	13	-0.2
40	5330	vf0	0.3	0.1	1.1	1.0	3.2	13	-9.8



19 dBi PtoP

Band Width	Frequency	Data Rate	J3 Level	J4 Level	J3 Level	J4 Level	Combined Output Power	Limit	Margin
MHz	MHz		dBm	dBm	mW	mW	dBm	dBm	dB
10	5255	vt0	2.2	3.1	1.7	2.0	5.7	11	-5.3
10	5300	vt0	3.1	3.4	2.0	2.2	6.3	11	-4.7
10	5340	vt0	-1.6	1.5	0.7	1.4	3.2	11	-7.8
20	5260	vt0	3.8	5.6	2.4	3.6	7.8	11	-3.2
20	5300	vt0	5.5	6.1	3.5	4.1	8.8	11	-2.2
20	5335	vt0	-2.0	0.2	0.6	1.0	2.2	11	-8.8
30	5265	vt0	7.7	7.7	5.9	5.9	10.7	11	-0.3
30	5300	vt0	7.1	7.0	5.1	5.0	10.1	11	-0.9
30	5330	vt0	-3.6	-1.7	0.4	0.7	0.5	11	-10.5
40	5270	vf0	7.2	8.2	5.2	6.6	10.7	11	-0.3
40	5300	vf0	7.5	8.1	5.6	6.5	10.8	11	-0.2
40	5330	vf0	-1.7	-1.9	0.7	0.6	1.2	11	-9.8

20 dBi PtoP

Band Width	Frequency	Data Rate	J3 Level	J4 Level	J3 Level	J4 Level	Combined Output Power	Limit	Margin
MHz	MHz		dBm	dBm	mW	mW	dBm	dBm	dB
10	5255	vt0	1.2	2.1	1.3	1.6	4.7	10	-5.3
10	5300	vt0	2.1	2.4	1.6	1.7	5.3	10	-4.7
10	5340	vt0	-2.6	0.5	0.5	1.1	2.2	10	-7.8
20	5260	vt0	2.8	4.6	1.9	2.9	6.8	10	-3.2
20	5300	vt0	4.5	5.1	2.8	3.2	7.8	10	-2.2
20	5335	vt0	-3.0	-0.8	0.5	0.8	1.2	10	-8.8
30	5265	vt0	6.7	6.7	4.7	4.7	9.7	10	-0.3
30	5300	vt0	6.1	6.0	4.1	4.0	9.1	10	-0.9
30	5330	vt0	-4.6	-2.7	0.3	0.5	-0.5	10	-10.5
40	5270	vf0	6.2	7.2	4.2	5.2	9.7	10	-0.3
40	5300	vf0	6.5	7.1	4.5	5.1	9.8	10	-0.2
40	5330	vf0	-2.7	-2.9	0.5	0.5	0.2	10	-9.8



21 dBi PtoP

Band Width	Frequency	Data Rate	J3 Level	J4 Level	J3 Level	J4 Level	Combined Output Power	Limit	Margin
MHz	MHz		dBm	dBm	mW	mW	dBm	dBm	dB
10	5255	vt0	0.2	1.1	1.0	1.3	3.7	9	-5.3
10	5300	vt0	1.1	1.4	1.3	1.4	4.3	9	-4.7
10	5340	vt0	-3.6	-0.5	0.4	0.9	1.2	9	-7.8
20	5260	vt0	1.8	3.6	1.5	2.3	5.8	9	-3.2
20	5300	vt0	3.5	4.1	2.2	2.6	6.8	9	-2.2
20	5335	vt0	-4.0	-1.8	0.4	0.7	0.2	9	-8.8
30	5265	vt0	5.7	5.7	3.7	3.7	8.7	9	-0.3
30	5300	vt0	5.1	5.0	3.2	3.2	8.1	9	-0.9
30	5330	vt0	-5.6	-3.7	0.3	0.4	-1.5	9	-10.5
40	5270	vf0	5.2	6.2	3.3	4.2	8.7	9	-0.3
40	5300	vf0	5.5	6.1	3.5	4.1	8.8	9	-0.2
40	5330	vf0	-3.7	-3.9	0.4	0.4	-0.8	9	-9.8

22 dBi PtoP

Band Width	Frequency	Data Rate	J3 Level	J4 Level	J3 Level	J4 Level	Combined Output Power	Limit	Margin
MHz	MHz		dBm	dBm	mW	mW	dBm	dBm	dB
10	5255	vt0	-0.8	0.1	0.8	1.0	2.7	8	-5.3
10	5300	vt0	0.1	0.4	1.0	1.1	3.3	8	-4.7
10	5340	vt0	-4.6	-1.5	0.3	0.7	0.2	8	-7.8
20	5260	vt0	0.8	2.6	1.2	1.8	4.8	8	-3.2
20	5300	vt0	2.5	3.1	1.8	2.0	5.8	8	-2.2
20	5335	vt0	-5.0	-2.8	0.3	0.5	-0.8	8	-8.8
30	5265	vt0	4.7	4.7	3.0	3.0	7.7	8	-0.3
30	5300	vt0	4.1	4.0	2.6	2.5	7.1	8	-0.9
30	5330	vt0	-6.6	-4.7	0.2	0.3	-2.5	8	-10.5
40	5270	vf0	4.2	5.2	2.6	3.3	7.7	8	-0.3
40	5300	vf0	4.5	5.1	2.8	3.2	7.8	8	-0.2
40	5330	vf0	-4.7	-4.9	0.3	0.3	-1.8	8	-9.8



30 dBi PtoP

Band Width	Frequency	Data Rate	J3 Level	J4 Level	J3 Level	J4 Level	Combined Output Power	Limit	Margin
MHz	MHz		dBm	dBm	mW	mW	dBm	dBm	dB
10	5255	vt0	-8.8	-7.9	0.1	0.2	-5.3	0	-5.3
10	5300	vt0	-7.9	-7.6	0.2	0.2	-4.7	0	-4.7
10	5340	vt0	-12.6	-9.5	0.1	0.1	-7.8	0	-7.8
20	5260	vt0	-7.2	-5.4	0.2	0.3	-3.2	0	-3.2
20	5300	vt0	-5.5	-4.9	0.3	0.3	-2.2	0	-2.2
20	5335	vt0	-13.0	-10.8	0.1	0.1	-8.8	0	-8.8
30	5265	vt0	-3.3	-3.3	0.5	0.5	-0.3	0	-0.3
30	5300	vt0	-3.9	-4.0	0.4	0.4	-0.9	0	-0.9
30	5330	vt0	-14.6	-12.7	0.0	0.1	-10.5	0	-10.5
40	5270	vf0	-3.8	-2.8	0.4	0.5	-0.3	0	-0.3
40	5300	vf0	-3.5	-2.9	0.4	0.5	-0.2	0	-0.2
40	5330	vf0	-12.7	-12.9	0.1	0.1	-9.8	0	-9.8

31 dBi PtoP

Band Width	Frequency	Data Rate	J3 Level	J4 Level	J3 Level	J4 Level	Combined Output Power	Limit	Margin
MHz	MHz		dBm	dBm	mW	mW	dBm	dBm	dB
10	5255	vt0	-9.8	-8.9	0.1	0.1	-6.3	-1	-5.3
10	5300	vt0	-8.9	-8.6	0.1	0.1	-5.7	-1	-4.7
10	5340	vt0	-13.6	-10.5	0.0	0.1	-8.8	-1	-7.8
20	5260	vt0	-8.2	-6.4	0.2	0.2	-4.2	-1	-3.2
20	5300	vt0	-6.5	-5.9	0.2	0.3	-3.2	-1	-2.2
20	5335	vt0	-14.0	-11.8	0.0	0.1	-9.8	-1	-8.8
30	5265	vt0	-4.3	-4.3	0.4	0.4	-1.3	-1	-0.3
30	5300	vt0	-4.9	-5.0	0.3	0.3	-1.9	-1	-0.9
30	5330	vt0	-15.6	-13.7	0.0	0.0	-11.5	-1	-10.5
40	5270	vf0	-4.8	-3.8	0.3	0.4	-1.3	-1	-0.3
40	5300	vf0	-4.5	-3.9	0.4	0.4	-1.2	-1	-0.2
40	5330	vf0	-13.7	-13.9	0.0	0.0	-10.8	-1	-9.8



34 dBi PtoP

Band Width	Frequency	Data Rate	J3 Level	J4 Level	J3 Level	J4 Level	Combined Output Power	Limit	Margin
MHz	MHz		dBm	dBm	mW	mW	dBm	dBm	dB
10	5255	vt0	-12.8	-11.9	0.1	0.1	-9.3	-4	-5.3
10	5300	vt0	-11.9	-11.6	0.1	0.1	-8.7	-4	-4.7
10	5340	vt0	-16.6	-13.5	0.0	0.0	-11.8	-4	-7.8
20	5260	vt0	-11.2	-9.4	0.1	0.1	-7.2	-4	-3.2
20	5300	vt0	-9.5	-8.9	0.1	0.1	-6.2	-4	-2.2
20	5335	vt0	-17.0	-14.8	0.0	0.0	-12.8	-4	-8.8
30	5265	vt0	-7.3	-7.3	0.2	0.2	-4.3	-4	-0.3
30	5300	vt0	-7.9	-8.0	0.2	0.2	-4.9	-4	-0.9
30	5330	vt0	-18.6	-16.7	0.0	0.0	-14.5	-4	-10.5
40	5270	vf0	-7.8	-6.8	0.2	0.2	-4.3	-4	-0.3
40	5300	vf0	-7.5	-6.9	0.2	0.2	-4.2	-4	-0.2
40	5330	vf0	-16.7	-16.9	0.0	0.0	-13.8	-4	-9.8



UNII-2C Data

10 dBi PtoMP

Band Width	Frequency	Data Rate	J3 Level	J4 Level	J3 Level	J4 Level	Combined Output Power	Limit	Margin
MHz	MHz		dBm	dBm	mW	mW	dBm	dBm	dB
10	5480	vt0	10.5	11.6	11.2	14.5	14.1	20	-5.9
10	5600	vt0	12.4	12.5	17.4	17.8	15.5	20	-4.5
10	5715	vt0	11.1	8.9	12.9	7.8	13.1	20	-6.9
20	5485	vt0	12.8	9.7	19.1	9.3	14.5	20	-5.5
20	5600	vt0	14.0	13.6	25.1	22.9	16.8	20	-3.2
20	5710	vt0	11.9	9.5	15.5	8.9	13.9	20	-6.1
30	5490	vt0	9.9	7.4	9.8	5.5	11.8	20	-8.2
30	5600	vt0	15.3	14.1	33.9	25.7	17.8	20	-2.2
30	5705	vt0	13.5	12.8	22.4	19.1	16.2	20	-3.8
40	5495	vf0	9.6	6.0	9.1	4.0	11.2	20	-8.8
40	5600	vf0	15.5	12.5	35.5	17.8	17.3	20	-2.7
40	5700	vf0	15.3	16.5	33.9	44.7	19.0	20	-1.0

13 dBi PtoMP

Band Width	Frequency	Data Rate	J3 Level	J4 Level	J3 Level	J4 Level	Combined Output Power	Limit	Margin
MHz	MHz		dBm	dBm	mW	mW	dBm	dBm	dB
10	5480	vt0	7.5	8.6	5.6	7.2	11.1	17	-5.9
10	5600	vt0	9.4	9.5	8.7	8.9	12.5	17	-4.5
10	5715	vt0	8.1	5.9	6.5	3.9	10.1	17	-6.9
20	5485	vt0	9.8	6.7	9.5	4.7	11.5	17	-5.5
20	5600	vt0	11.0	10.6	12.6	11.5	13.8	17	-3.2
20	5710	vt0	8.9	6.5	7.8	4.5	10.9	17	-6.1
30	5490	vt0	6.9	4.4	4.9	2.8	8.8	17	-8.2
30	5600	vt0	12.3	11.1	17.0	12.9	14.8	17	-2.2
30	5705	vt0	10.5	9.8	11.2	9.5	13.2	17	-3.8
40	5495	vf0	6.6	3.0	4.6	2.0	8.2	17	-8.8
40	5600	vf0	12.5	9.5	17.8	8.9	14.3	17	-2.7
40	5700	vf0	12.3	13.5	17.0	22.4	16.0	17	-1.0



16dBi PtoP

Band Width	Frequency	Data Rate	J3 Level	J4 Level	J3 Level	J4 Level	Combined Output Power	Limit	Margin
MHz	MHz		dBm	dBm	mW	mW	dBm	dBm	dB
10	5480	vt0	4.5	5.6	2.8	3.6	8.1	14	-5.9
10	5600	vt0	6.4	6.5	4.4	4.5	9.5	14	-4.5
10	5715	vt0	5.1	2.9	3.2	1.9	7.1	14	-6.9
20	5485	vt0	6.8	3.7	4.8	2.3	8.5	14	-5.5
20	5600	vt0	8.0	7.6	6.3	5.8	10.8	14	-3.2
20	5710	vt0	5.9	3.5	3.9	2.2	7.9	14	-6.1
30	5490	vt0	3.9	1.4	2.5	1.4	5.8	14	-8.2
30	5600	vt0	9.3	8.1	8.5	6.5	11.8	14	-2.2
30	5705	vt0	7.5	6.8	5.6	4.8	10.2	14	-3.8
40	5495	vf0	3.6	0.0	2.3	1.0	5.2	14	-8.8
40	5600	vf0	9.5	6.5	8.9	4.5	11.3	14	-2.7
40	5700	vf0	9.3	10.5	8.5	11.2	13.0	14	-1.0

17 dBi PtoP

Band Width	Frequency	Data Rate	J3 Level	J4 Level	J3 Level	J4 Level	Combined Output Power	Limit	Margin
MHz	MHz		dBm	dBm	mW	mW	dBm	dBm	dB
10	5480	vt0	3.5	4.6	2.2	2.9	7.1	13	-5.9
10	5600	vt0	5.4	5.5	3.5	3.5	8.5	13	-4.5
10	5715	vt0	4.1	1.9	2.6	1.5	6.1	13	-6.9
20	5485	vt0	5.8	2.7	3.8	1.9	7.5	13	-5.5
20	5600	vt0	7.0	6.6	5.0	4.6	9.8	13	-3.2
20	5710	vt0	4.9	2.5	3.1	1.8	6.9	13	-6.1
30	5490	vt0	2.9	0.4	1.9	1.1	4.8	13	-8.2
30	5600	vt0	8.3	7.1	6.8	5.1	10.8	13	-2.2
30	5705	vt0	6.5	5.8	4.5	3.8	9.2	13	-3.8
40	5495	vf0	2.6	-1.0	1.8	0.8	4.2	13	-8.8
40	5600	vf0	8.5	5.5	7.1	3.5	10.3	13	-2.7
40	5700	vf0	8.3	9.5	6.8	8.9	12.0	13	-1.0



19 dBi PtoP

Band Width	Frequency	Data Rate	J3 Level	J4 Level	J3 Level	J4 Level	Combined Output Power	Limit	Margin
MHz	MHz		dBm	dBm	mW	mW	dBm	dBm	dB
10	5480	vt0	1.5	2.6	1.4	1.8	5.1	11	-5.9
10	5600	vt0	3.4	3.5	2.2	2.2	6.5	11	-4.5
10	5715	vt0	2.1	-0.1	1.6	1.0	4.1	11	-6.9
20	5485	vt0	3.8	0.7	2.4	1.2	5.5	11	-5.5
20	5600	vt0	5.0	4.6	3.2	2.9	7.8	11	-3.2
20	5710	vt0	2.9	0.5	1.9	1.1	4.9	11	-6.1
30	5490	vt0	0.9	-1.6	1.2	0.7	2.8	11	-8.2
30	5600	vt0	6.3	5.1	4.3	3.2	8.8	11	-2.2
30	5705	vt0	4.5	3.8	2.8	2.4	7.2	11	-3.8
40	5495	vf0	0.6	-3.0	1.1	0.5	2.2	11	-8.8
40	5600	vf0	6.5	3.5	4.5	2.2	8.3	11	-2.7
40	5700	vf0	6.3	7.5	4.3	5.6	10.0	11	-1.0

20 dBi PtoP

Band Width	Frequency	Data Rate	J3 Level	J4 Level	J3 Level	J4 Level	Combined Output Power	Limit	Margin
MHz	MHz		dBm	dBm	mW	mW	dBm	dBm	dB
10	5480	vt0	0.5	1.6	1.1	1.4	4.1	10	-5.9
10	5600	vt0	2.4	2.5	1.7	1.8	5.5	10	-4.5
10	5715	vt0	1.1	-1.1	1.3	0.8	3.1	10	-6.9
20	5485	vt0	2.8	-0.3	1.9	0.9	4.5	10	-5.5
20	5600	vt0	4.0	3.6	2.5	2.3	6.8	10	-3.2
20	5710	vt0	1.9	-0.5	1.5	0.9	3.9	10	-6.1
30	5490	vt0	-0.1	-2.6	1.0	0.5	1.8	10	-8.2
30	5600	vt0	5.3	4.1	3.4	2.6	7.8	10	-2.2
30	5705	vt0	3.5	2.8	2.2	1.9	6.2	10	-3.8
40	5495	vf0	-0.4	-4.0	0.9	0.4	1.2	10	-8.8
40	5600	vf0	5.5	2.5	3.5	1.8	7.3	10	-2.7
40	5700	vf0	5.3	6.5	3.4	4.5	9.0	10	-1.0



21 dBi PtoP

Band Width	Frequency	Data Rate	J3 Level	J4 Level	J3 Level	J4 Level	Combined Output Power	Limit	Margin
MHz	MHz		dBm	dBm	mW	mW	dBm	dBm	dB
10	5480	vt0	-0.5	0.6	0.9	1.1	3.1	9	-5.9
10	5600	vt0	1.4	1.5	1.4	1.4	4.5	9	-4.5
10	5715	vt0	0.1	-2.1	1.0	0.6	2.1	9	-6.9
20	5485	vt0	1.8	-1.3	1.5	0.7	3.5	9	-5.5
20	5600	vt0	3.0	2.6	2.0	1.8	5.8	9	-3.2
20	5710	vt0	0.9	-1.5	1.2	0.7	2.9	9	-6.1
30	5490	vt0	-1.1	-3.6	0.8	0.4	0.8	9	-8.2
30	5600	vt0	4.3	3.1	2.7	2.0	6.8	9	-2.2
30	5705	vt0	2.5	1.8	1.8	1.5	5.2	9	-3.8
40	5495	vf0	-1.4	-5.0	0.7	0.3	0.2	9	-8.8
40	5600	vf0	4.5	1.5	2.8	1.4	6.3	9	-2.7
40	5700	vf0	4.3	5.5	2.7	3.5	8.0	9	-1.0

22 dBi PtoP

Band Width	Frequency	Data Rate	J3 Level	J4 Level	J3 Level	J4 Level	Combined Output Power	Limit	Margin
MHz	MHz		dBm	dBm	mW	mW	dBm	dBm	dB
10	5480	vt0	-1.5	-0.4	0.7	0.9	2.1	8	-5.9
10	5600	vt0	0.4	0.5	1.1	1.1	3.5	8	-4.5
10	5715	vt0	-0.9	-3.1	0.8	0.5	1.1	8	-6.9
20	5485	vt0	0.8	-2.3	1.2	0.6	2.5	8	-5.5
20	5600	vt0	2.0	1.6	1.6	1.4	4.8	8	-3.2
20	5710	vt0	-0.1	-2.5	1.0	0.6	1.9	8	-6.1
30	5490	vt0	-2.1	-4.6	0.6	0.3	-0.2	8	-8.2
30	5600	vt0	3.3	2.1	2.1	1.6	5.8	8	-2.2
30	5705	vt0	1.5	0.8	1.4	1.2	4.2	8	-3.8
40	5495	vf0	-2.4	-6.0	0.6	0.3	-0.8	8	-8.8
40	5600	vf0	3.5	0.5	2.2	1.1	5.3	8	-2.7
40	5700	vf0	3.3	4.5	2.1	2.8	7.0	8	-1.0



30 dBi PtoP

Band Width	Frequency	Data Rate	J3 Level	J4 Level	J3 Level	J4 Level	Combined Output Power	Limit	Margin
MHz	MHz		dBm	dBm	mW	mW	dBm	dBm	dB
10	5480	vt0	-9.5	-8.4	0.1	0.1	-5.9	0	-5.9
10	5600	vt0	-7.6	-7.5	0.2	0.2	-4.5	0	-4.5
10	5715	vt0	-8.9	-11.1	0.1	0.1	-6.9	0	-6.9
20	5485	vt0	-7.2	-10.3	0.2	0.1	-5.5	0	-5.5
20	5600	vt0	-6.0	-6.4	0.3	0.2	-3.2	0	-3.2
20	5710	vt0	-8.1	-10.5	0.2	0.1	-6.1	0	-6.1
30	5490	vt0	-10.1	-12.6	0.1	0.1	-8.2	0	-8.2
30	5600	vt0	-4.7	-5.9	0.3	0.3	-2.2	0	-2.2
30	5705	vt0	-6.5	-7.2	0.2	0.2	-3.8	0	-3.8
40	5495	vf0	-10.4	-14.0	0.1	0.0	-8.8	0	-8.8
40	5600	vf0	-4.5	-7.5	0.4	0.2	-2.7	0	-2.7
40	5700	vf0	-4.7	-3.5	0.3	0.4	-1.0	0	-1.0

31 dBi PtoP

Band Width	Frequency	Data Rate	J3 Level	J4 Level	J3 Level	J4 Level	Combined Output Power	Limit	Margin
MHz	MHz		dBm	dBm	mW	mW	dBm	dBm	dB
10	5480	vt0	-10.5	-9.4	0.1	0.1	-6.9	-1	-5.9
10	5600	vt0	-8.6	-8.5	0.1	0.1	-5.5	-1	-4.5
10	5715	vt0	-9.9	-12.1	0.1	0.1	-7.9	-1	-6.9
20	5485	vt0	-8.2	-11.3	0.2	0.1	-6.5	-1	-5.5
20	5600	vt0	-7.0	-7.4	0.2	0.2	-4.2	-1	-3.2
20	5710	vt0	-9.1	-11.5	0.1	0.1	-7.1	-1	-6.1
30	5490	vt0	-11.1	-13.6	0.1	0.0	-9.2	-1	-8.2
30	5600	vt0	-5.7	-6.9	0.3	0.2	-3.2	-1	-2.2
30	5705	vt0	-7.5	-8.2	0.2	0.2	-4.8	-1	-3.8
40	5495	vf0	-11.4	-15.0	0.1	0.0	-9.8	-1	-8.8
40	5600	vf0	-5.5	-8.5	0.3	0.1	-3.7	-1	-2.7
40	5700	vf0	-5.7	-4.5	0.3	0.4	-2.0	-1	-1.0



34 dBi PtoP

Band Width	Frequency	Data Rate	J3 Level	J4 Level	J3 Level	J4 Level	Combined Output Power	Limit	Margin
MHz	MHz		dBm	dBm	mW	mW	dBm	dBm	dB
10	5480	vt0	-13.5	-12.4	0.0	0.1	-9.9	-4	-5.9
10	5600	vt0	-11.6	-11.5	0.1	0.1	-8.5	-4	-4.5
10	5715	vt0	-12.9	-15.1	0.1	0.0	-10.9	-4	-6.9
20	5485	vt0	-11.2	-14.3	0.1	0.0	-9.5	-4	-5.5
20	5600	vt0	-10.0	-10.4	0.1	0.1	-7.2	-4	-3.2
20	5710	vt0	-12.1	-14.5	0.1	0.0	-10.1	-4	-6.1
30	5490	vt0	-14.1	-16.6	0.0	0.0	-12.2	-4	-8.2
30	5600	vt0	-8.7	-9.9	0.1	0.1	-6.2	-4	-2.2
30	5705	vt0	-10.5	-11.2	0.1	0.1	-7.8	-4	-3.8
40	5495	vf0	-14.4	-18.0	0.0	0.0	-12.8	-4	-8.8
40	5600	vf0	-8.5	-11.5	0.1	0.1	-6.7	-4	-2.7
40	5700	vf0	-8.7	-7.5	0.1	0.2	-5.0	-4	-1.0