



Annex A

Output Power



UNII-2A Results

6 dBi PTMP

Bandwidth	Test Frequency	Data Rate	TP	J7 Measured Level	J13 Measured Level	J7 Measured Level	J13 Measured Level	Combined Output Power	Limit	Margin
MHz	MHz			dBm	dBm	mW	mW	dBm	dBm	dB
10	5255	6	14	14.3	12.1	26.9	16.2	16.3	24	-7.7
10	5300	6	14	13.4	12.8	21.9	19.1	16.1	24	-7.9
10	5340	6	12	11.9	10.9	15.5	12.3	14.4	24	-9.6
20	5260	6	17	16.0	14.8	39.8	30.2	18.5	24	-5.5
20	5300	6	17	16.1	15.0	40.7	31.6	18.6	24	-5.4
20	5335	6	9	10.3	9.1	10.7	8.1	12.8	24	-11.2
30	5265	6	18	16.6	15.7	45.7	37.2	19.2	24	-4.8
30	5300	6	18	15.4	15.8	34.7	38.0	18.6	24	-5.4
30	5330	6	6	6.7	6.2	4.7	4.2	9.5	24	-14.5
40	5270	f0	20	16.8	17.6	47.9	57.5	20.2	24	-3.8
40	5300	f0	20	16.7	17.9	46.8	61.7	20.4	24	-3.6
40	5325	f0	9	13.2	12.1	20.9	16.2	15.7	24	-8.3



22 dBi PtoP

Bandwidth	Frequency	Data Rate	J3 Level	J4 Level	J3 Level	J4 Level	Total Summed Power	Limit	Margin
MHz	MHz		dBm	dBm	mW	mW	dBm	dBm	dB
10	5255	6	-1.7	-3.9	0.7	0.4	0.3	8	-7.7
10	5300	6	-2.6	-3.2	0.5	0.5	0.1	8	-7.9
10	5340	6	-4.1	-5.1	0.4	0.3	-1.6	8	-9.6
20	5260	6	0.0	-1.2	1.0	0.8	2.5	8	-5.5
20	5300	6	0.1	-1.0	1.0	0.8	2.6	8	-5.4
20	5335	6	-5.7	-6.9	0.3	0.2	-3.2	8	-11.2
30	5265	6	0.6	-0.3	1.1	0.9	3.2	8	-4.8
30	5300	6	-0.6	-0.2	0.9	1.0	2.6	8	-5.4
30	5330	6	-9.3	-9.8	0.1	0.1	-6.5	8	-14.5
40	5270	f0	0.8	1.6	1.2	1.4	4.2	8	-3.8
40	5300	f0	0.7	1.9	1.2	1.5	4.4	8	-3.6
40	5325	f0	-2.8	-3.9	0.5	0.4	-0.3	8	-8.3



25 dBi PtoP

Bandwidth	Frequency	Data Rate	J3 Level	J4 Level	J3 Level	J4 Level	Total Summed Power	Limit	Margin
MHz	MHz		dBm	dBm	mW	mW	dBm	dBm	dB
10	5255	6	-4.7	-6.9	0.3	0.2	-2.7	5	-7.7
10	5300	6	-5.6	-6.2	0.3	0.2	-2.9	5	-7.9
10	5340	6	-7.1	-8.1	0.2	0.2	-4.6	5	-9.6
20	5260	6	-3.0	-4.2	0.5	0.4	-0.5	5	-5.5
20	5300	6	-2.9	-4.0	0.5	0.4	-0.4	5	-5.4
20	5335	6	-8.7	-9.9	0.1	0.1	-6.2	5	-11.2
30	5265	6	-2.4	-3.3	0.6	0.5	0.2	5	-4.8
30	5300	6	-3.6	-3.2	0.4	0.5	-0.4	5	-5.4
30	5330	6	-12.3	-12.8	0.1	0.1	-9.5	5	-14.5
40	5270	f0	-2.2	-1.4	0.6	0.7	1.2	5	-3.8
40	5300	f0	-2.3	-1.1	0.6	0.8	1.4	5	-3.6
40	5325	f0	-5.8	-6.9	0.3	0.2	-3.3	5	-8.3



29 dBi PtoP

Bandwidth	Frequency	Data Rate	J3 Level	J4 Level	J3 Level	J4 Level	Total Summed Power	Limit	Margin
MHz	MHz		dBm	dBm	mW	mW	dBm	dBm	dB
10	5255	6	-8.7	-10.9	0.1	0.1	-6.7	1	-7.7
10	5300	6	-9.6	-10.2	0.1	0.1	-6.9	1	-7.9
10	5340	6	-11.1	-12.1	0.1	0.1	-8.6	1	-9.6
20	5260	6	-7.0	-8.2	0.2	0.2	-4.5	1	-5.5
20	5300	6	-6.9	-8.0	0.2	0.2	-4.4	1	-5.4
20	5335	6	-12.7	-13.9	0.1	0.0	-10.2	1	-11.2
30	5265	6	-6.4	-7.3	0.2	0.2	-3.8	1	-4.8
30	5300	6	-7.6	-7.2	0.2	0.2	-4.4	1	-5.4
30	5330	6	-16.3	-16.8	0.0	0.0	-13.5	1	-14.5
40	5270	f0	-6.2	-5.4	0.2	0.3	-2.8	1	-3.8
40	5300	f0	-6.3	-5.1	0.2	0.3	-2.6	1	-3.6
40	5325	f0	-9.8	-10.9	0.1	0.1	-7.3	1	-8.3



UNII-2C Results

6 dBi PTMP

Bandwidth	Test Frequency	Data Rate	TP	J7 Measured Level	J13 Measured Level	J7 Measured Level	J13 Measured Level	Combined Output Power	Limit	Margin
MHz	MHz			dBm	dBm	mW	mW	dBm	dBm	dB
10	5480	6	15	12.4	12.6	17.4	18.2	15.5	24	-8.5
10	5600	6	20	14.7	13.6	29.5	22.9	17.2	24	-6.8
10	5715	6	19	11.7	14.4	14.8	27.5	16.3	24	-7.7
20	5485	6	14	11.1	8.9	12.9	7.8	13.1	24	-10.9
20	5600	6	20	12.0	13.4	15.8	21.9	15.8	24	-8.2
20	5710	6	20	14.1	15.7	25.7	37.2	18.0	24	-6.0
30	5490	6	14	10.9	9.1	12.3	8.1	13.1	24	-10.9
30	5600	6	20	11.9	13.6	15.5	22.9	15.8	24	-8.2
30	5705	6	20	13.7	15.6	23.4	36.3	17.8	24	-6.2
40	5495	f0	12	10.2	11.6	10.5	14.5	14.0	24	-10.0
40	5600	f0	20	12.8	13.9	19.1	24.5	16.4	24	-7.6
40	5700	f0	20	14.3	14.9	26.9	30.9	17.6	24	-6.4



22 dBi PtoP

Bandwidth	Frequency	Data Rate	J3 Level	J4 Level	J3 Level	J4 Level	Total Summed Power	Limit	Margin
MHz	MHz		dBm	dBm	mW	mW	dBm	dBm	dB
10	5480	6	-3.6	-3.4	0.4	0.5	-0.5	8	-8.5
10	5600	6	-1.3	-2.4	0.7	0.6	1.2	8	-6.8
10	5715	6	-4.3	-1.6	0.4	0.7	0.3	8	-7.7
20	5485	6	-4.9	-7.1	0.3	0.2	-2.9	8	-10.9
20	5600	6	-4.0	-2.6	0.4	0.5	-0.2	8	-8.2
20	5710	6	-1.9	-0.3	0.6	0.9	2.0	8	-6.0
30	5490	6	-5.1	-6.9	0.3	0.2	-2.9	8	-10.9
30	5600	6	-4.1	-2.4	0.4	0.6	-0.2	8	-8.2
30	5705	6	-2.3	-0.4	0.6	0.9	1.8	8	-6.2
40	5495	f0	-5.8	-4.4	0.3	0.4	-2.0	8	-10.0
40	5600	f0	-3.2	-2.1	0.5	0.6	0.4	8	-7.6
40	5700	f0	-1.7	-1.1	0.7	0.8	1.6	8	-6.4



25 dBi PtoP

Bandwidth	Frequency	Data Rate	J3 Level	J4 Level	J3 Level	J4 Level	Total Summed Power	Limit	Margin
MHz	MHz		dBm	dBm	mW	mW	dBm	dBm	dB
10	5480	6	-6.6	-6.4	0.2	0.2	-3.5	5	-8.5
10	5600	6	-4.3	-5.4	0.4	0.3	-1.8	5	-6.8
10	5715	6	-7.3	-4.6	0.2	0.3	-2.7	5	-7.7
20	5485	6	-7.9	-10.1	0.2	0.1	-5.9	5	-10.9
20	5600	6	-7.0	-5.6	0.2	0.3	-3.2	5	-8.2
20	5710	6	-4.9	-3.3	0.3	0.5	-1.0	5	-6.0
30	5490	6	-8.1	-9.9	0.2	0.1	-5.9	5	-10.9
30	5600	6	-7.1	-5.4	0.2	0.3	-3.2	5	-8.2
30	5705	6	-5.3	-3.4	0.3	0.5	-1.2	5	-6.2
40	5495	f0	-8.8	-7.4	0.1	0.2	-5.0	5	-10.0
40	5600	f0	-6.2	-5.1	0.2	0.3	-2.6	5	-7.6
40	5700	f0	-4.7	-4.1	0.3	0.4	-1.4	5	-6.4



29 dBi PtoP

Bandwidth	Frequency	Data Rate	J3 Level	J4 Level	J3 Level	J4 Level	Total Summed Power	Limit	Margin
MHz	MHz		dBm	dBm	mW	mW	dBm	dBm	dB
10	5480	6	-10.6	-10.4	0.1	0.1	-7.5	1	-8.5
10	5600	6	-8.3	-9.4	0.1	0.1	-5.8	1	-6.8
10	5715	6	-11.3	-8.6	0.1	0.1	-6.7	1	-7.7
20	5485	6	-11.9	-14.1	0.1	0.0	-9.9	1	-10.9
20	5600	6	-11.0	-9.6	0.1	0.1	-7.2	1	-8.2
20	5710	6	-8.9	-7.3	0.1	0.2	-5.0	1	-6.0
30	5490	6	-12.1	-13.9	0.1	0.0	-9.9	1	-10.9
30	5600	6	-11.1	-9.4	0.1	0.1	-7.2	1	-8.2
30	5705	6	-9.3	-7.4	0.1	0.2	-5.2	1	-6.2
40	5495	f0	-12.8	-11.4	0.1	0.1	-9.0	1	-10.0
40	5600	f0	-10.2	-9.1	0.1	0.1	-6.6	1	-7.6
40	5700	f0	-8.7	-8.1	0.1	0.2	-5.4	1	-6.4