



Annex A

Output Power

UNII-2A and UNII-2C



UNI-2A

13dBi AMO-5G13

Bandwidth	Frequency	Data Rate	J7 Level	J8 Level	J7 Level	J8 Level	Total Summed Power	Limit	Margin
MHz	MHz		dBm	dBm	mW	mW	dBm	dBm	dB
10	5255	vt0	9.9	10.2	9.8	10.5	13.1	17	-3.9
10	5300	vt0	10.2	10.0	10.5	10.0	13.1	17	-3.9
10	5340	vt0	10.3	10.0	10.7	10.0	13.2	17	-3.8
20	5260	vt0	10.6	10.9	11.5	12.3	13.8	17	-3.2
20	5300	vt0	12.9	13.0	19.5	20.0	16.0	17	-1.0
20	5335	vt0	10.5	10.8	11.2	12.0	13.7	17	-3.3
30	5265	vt0	8.3	8.8	6.8	7.6	11.6	17	-5.4
30	5300	vt0	13.5	13.5	22.4	22.4	16.5	17	-0.5
30	5330	vt0	13.6	13.7	22.9	23.4	16.7	17	-0.3
40	5270	vf0	4.1	4.2	2.6	2.6	7.2	17	-9.8
40	5300	vf0	13.1	13.2	20.4	20.9	16.2	17	-0.8
40	5325	vf0	13.0	13.4	20.0	21.9	16.2	17	-0.8
50	5275	vf0	3.1	2.9	2.0	1.9	6.0	17	-11.0
50	5300	vf0	13.2	13.3	20.9	21.4	16.3	17	-0.7
50	5320	vf0	13.3	13.3	21.4	21.4	16.3	17	-0.7
60	5280	vf0	-0.3	-0.1	0.9	1.0	2.8	17	-14.2
60	5300	vf0	10.0	10.0	10.0	9.9	13.0	17	-4.0
60	5315	vf0	10.8	10.7	11.9	11.7	13.7	17	-3.3
80	5290	ve00	-0.9	-0.7	0.8	0.9	2.2	17	-14.8
80	5300	ve00	12.9	13.0	19.5	20.0	16.0	17	-1.0
80	5305	ve00	13.0	13.2	20.0	20.9	16.1	17	-0.9



16dBi AM-5G-16-120

Bandwidth	Frequency	Data Rate	J7 Level	J8 Level	J7 Level	J8 Level	Total Summed Power	Limit	Margin
MHz	MHz		dBm	dBm	mW	mW	dBm	dBm	dB
10	5255	vt0	6.9	7.2	4.9	5.2	10.1	14	-3.9
10	5300	vt0	7.2	7.0	5.2	5.0	10.1	14	-3.9
10	5340	vt0	7.3	7.0	5.4	5.0	10.2	14	-3.8
20	5260	vt0	7.6	7.9	5.8	6.2	10.8	14	-3.2
20	5300	vt0	9.9	10.0	9.8	10.0	13.0	14	-1.0
20	5335	vt0	7.5	7.8	5.6	6.0	10.7	14	-3.3
30	5265	vt0	5.3	5.8	3.4	3.8	8.6	14	-5.4
30	5300	vt0	10.5	10.5	11.2	11.2	13.5	14	-0.5
30	5330	vt0	10.6	10.7	11.5	11.7	13.7	14	-0.3
40	5270	vf0	1.1	1.2	1.3	1.3	4.2	14	-9.8
40	5300	vf0	10.1	10.2	10.2	10.5	13.2	14	-0.8
40	5325	vf0	10.0	10.4	10.0	11.0	13.2	14	-0.8
50	5275	vf0	0.1	-0.1	1.0	1.0	3.0	14	-11.0
50	5300	vf0	10.2	10.3	10.5	10.7	13.3	14	-0.7
50	5320	vf0	10.3	10.3	10.7	10.7	13.3	14	-0.7
60	5280	vf0	-3.3	-3.1	0.5	0.5	-0.2	14	-14.2
60	5300	vf0	7.0	7.0	5.0	5.0	10.0	14	-4.0
60	5315	vf0	7.8	7.7	6.0	5.9	10.7	14	-3.3
80	5290	ve00	-3.9	-3.7	0.4	0.4	-0.8	14	-14.8
80	5300	ve00	9.9	10.0	9.8	10.0	13.0	14	-1.0
80	5305	ve00	10.0	10.2	10.0	10.5	13.1	14	-0.9



17dBi AM-5G17-90

Bandwidth	Frequency	Data Rate	J7 Level	J8 Level	J7 Level	J8 Level	Total Summed Power	Limit	Margin
MHz	MHz		dBm	dBm	mW	mW	dBm	dBm	dB
10	5255	vt0	5.9	6.2	3.9	4.2	9.1	13	-3.9
10	5300	vt0	6.2	6.0	4.2	4.0	9.1	13	-3.9
10	5340	vt0	6.3	6.0	4.3	4.0	9.2	13	-3.8
20	5260	vt0	6.6	6.9	4.6	4.9	9.8	13	-3.2
20	5300	vt0	8.9	9.0	7.8	7.9	12.0	13	-1.0
20	5335	vt0	6.5	6.8	4.5	4.8	9.7	13	-3.3
30	5265	vt0	4.3	4.8	2.7	3.0	7.6	13	-5.4
30	5300	vt0	9.5	9.5	8.9	8.9	12.5	13	-0.5
30	5330	vt0	9.6	9.7	9.1	9.3	12.7	13	-0.3
40	5270	vf0	0.1	0.2	1.0	1.0	3.2	13	-9.8
40	5300	vf0	9.1	9.2	8.1	8.3	12.2	13	-0.8
40	5325	vf0	9.0	9.4	7.9	8.7	12.2	13	-0.8
50	5275	vf0	-0.9	-1.1	0.8	0.8	2.0	13	-11.0
50	5300	vf0	9.2	9.3	8.3	8.5	12.3	13	-0.7
50	5320	vf0	9.3	9.3	8.5	8.5	12.3	13	-0.7
60	5280	vf0	-4.3	-4.1	0.4	0.4	-1.2	13	-14.2
60	5300	vf0	6.0	6.0	4.0	3.9	9.0	13	-4.0
60	5315	vf0	6.8	6.7	4.7	4.7	9.7	13	-3.3
80	5290	ve00	-4.9	-4.7	0.3	0.3	-1.8	13	-14.8
80	5300	ve00	8.9	9.0	7.8	7.9	12.0	13	-1.0
80	5305	ve00	9.0	9.2	7.9	8.3	12.1	13	-0.9



19dBi AM-5G19-120

Bandwidth	Frequency	Data Rate	J7 Level	J8 Level	J7 Level	J8 Level	Total Summed Power	Limit	Margin
MHz	MHz		dBm	dBm	mW	mW	dBm	dBm	dB
10	5255	vt0	3.9	4.2	2.5	2.6	7.1	11	-3.9
10	5300	vt0	4.2	4.0	2.6	2.5	7.1	11	-3.9
10	5340	vt0	4.3	4.0	2.7	2.5	7.2	11	-3.8
20	5260	vt0	4.6	4.9	2.9	3.1	7.8	11	-3.2
20	5300	vt0	6.9	7.0	4.9	5.0	10.0	11	-1.0
20	5335	vt0	4.5	4.8	2.8	3.0	7.7	11	-3.3
30	5265	vt0	2.3	2.8	1.7	1.9	5.6	11	-5.4
30	5300	vt0	7.5	7.5	5.6	5.6	10.5	11	-0.5
30	5330	vt0	7.6	7.7	5.8	5.9	10.7	11	-0.3
40	5270	vf0	-1.9	-1.8	0.6	0.7	1.2	11	-9.8
40	5300	vf0	7.1	7.2	5.1	5.2	10.2	11	-0.8
40	5325	vf0	7.0	7.4	5.0	5.5	10.2	11	-0.8
50	5275	vf0	-2.9	-3.1	0.5	0.5	0.0	11	-11.0
50	5300	vf0	7.2	7.3	5.2	5.4	10.3	11	-0.7
50	5320	vf0	7.3	7.3	5.4	5.4	10.3	11	-0.7
60	5280	vf0	-6.3	-6.1	0.2	0.2	-3.2	11	-14.2
60	5300	vf0	4.0	4.0	2.5	2.5	7.0	11	-4.0
60	5315	vf0	4.8	4.7	3.0	2.9	7.7	11	-3.3
80	5290	ve00	-6.9	-6.7	0.2	0.2	-3.8	11	-14.8
80	5300	ve00	6.9	7.0	4.9	5.0	10.0	11	-1.0
80	5305	ve00	7.0	7.2	5.0	5.2	10.1	11	-0.9



20dBi AM-5G20-90

Bandwidth	Frequency	Data Rate	J7 Level	J8 Level	J7 Level	J8 Level	Total Summed Power	Limit	Margin
MHz	MHz		dBm	dBm	mW	mW	dBm	dBm	dB
10	5255	vt0	2.9	3.2	1.9	2.1	6.1	10	-3.9
10	5300	vt0	3.2	3.0	2.1	2.0	6.1	10	-3.9
10	5340	vt0	3.3	3.0	2.1	2.0	6.2	10	-3.8
20	5260	vt0	3.6	3.9	2.3	2.5	6.8	10	-3.2
20	5300	vt0	5.9	6.0	3.9	4.0	9.0	10	-1.0
20	5335	vt0	3.5	3.8	2.2	2.4	6.7	10	-3.3
30	5265	vt0	1.3	1.8	1.3	1.5	4.6	10	-5.4
30	5300	vt0	6.5	6.5	4.5	4.5	9.5	10	-0.5
30	5330	vt0	6.6	6.7	4.6	4.7	9.7	10	-0.3
40	5270	vf0	-2.9	-2.8	0.5	0.5	0.2	10	-9.8
40	5300	vf0	6.1	6.2	4.1	4.2	9.2	10	-0.8
40	5325	vf0	6.0	6.4	4.0	4.4	9.2	10	-0.8
50	5275	vf0	-3.9	-4.1	0.4	0.4	-1.0	10	-11.0
50	5300	vf0	6.2	6.3	4.2	4.3	9.3	10	-0.7
50	5320	vf0	6.3	6.3	4.3	4.3	9.3	10	-0.7
60	5280	vf0	-7.3	-7.1	0.2	0.2	-4.2	10	-14.2
60	5300	vf0	3.0	3.0	2.0	2.0	6.0	10	-4.0
60	5315	vf0	3.8	3.7	2.4	2.3	6.7	10	-3.3
80	5290	ve00	-7.9	-7.7	0.2	0.2	-4.8	10	-14.8
80	5300	ve00	5.9	6.0	3.9	4.0	9.0	10	-1.0
80	5305	ve00	6.0	6.2	4.0	4.2	9.1	10	-0.9



21 dBI AM-V5G-Ti

Bandwidth	Frequency	Data Rate	J7 Level	J8 Level	J7 Level	J8 Level	Total Summed Power	Limit	Margin
MHz	MHz		dBm	dBm	mW	mW	dBm	dBm	dB
10	5255	vt0	1.9	2.2	1.5	1.7	5.1	9	-3.9
10	5300	vt0	2.2	2.0	1.7	1.6	5.1	9	-3.9
10	5340	vt0	2.3	2.0	1.7	1.6	5.2	9	-3.8
20	5260	vt0	2.6	2.9	1.8	1.9	5.8	9	-3.2
20	5300	vt0	4.9	5.0	3.1	3.2	8.0	9	-1.0
20	5335	vt0	2.5	2.8	1.8	1.9	5.7	9	-3.3
30	5265	vt0	0.3	0.8	1.1	1.2	3.6	9	-5.4
30	5300	vt0	5.5	5.5	3.5	3.5	8.5	9	-0.5
30	5330	vt0	5.6	5.7	3.6	3.7	8.7	9	-0.3
40	5270	vf0	-3.9	-3.8	0.4	0.4	-0.8	9	-9.8
40	5300	vf0	5.1	5.2	3.2	3.3	8.2	9	-0.8
40	5325	vf0	5.0	5.4	3.2	3.5	8.2	9	-0.8
50	5275	vf0	-4.9	-5.1	0.3	0.3	-2.0	9	-11.0
50	5300	vf0	5.2	5.3	3.3	3.4	8.3	9	-0.7
50	5320	vf0	5.3	5.3	3.4	3.4	8.3	9	-0.7
60	5280	vf0	-8.3	-8.1	0.1	0.2	-5.2	9	-14.2
60	5300	vf0	2.0	2.0	1.6	1.6	5.0	9	-4.0
60	5315	vf0	2.8	2.7	1.9	1.9	5.7	9	-3.3
80	5290	ve00	-8.9	-8.7	0.1	0.1	-5.8	9	-14.8
80	5300	ve00	4.9	5.0	3.1	3.2	8.0	9	-1.0
80	5305	ve00	5.0	5.2	3.2	3.3	8.1	9	-0.9



21dBi AM-5AC21-60

Bandwidth	Frequency	Data Rate	J7 Level	J8 Level	J7 Level	J8 Level	Total Summed Power	Limit	Margin
MHz	MHz		dBm	dBm	mW	mW	dBm	dBm	dB
10	5255	vt0	1.9	2.2	1.5	1.7	5.1	9	-3.9
10	5300	vt0	2.2	2.0	1.7	1.6	5.1	9	-3.9
10	5340	vt0	2.3	2.0	1.7	1.6	5.2	9	-3.8
20	5260	vt0	2.6	2.9	1.8	1.9	5.8	9	-3.2
20	5300	vt0	4.9	5.0	3.1	3.2	8.0	9	-1.0
20	5335	vt0	2.5	2.8	1.8	1.9	5.7	9	-3.3
30	5265	vt0	0.3	0.8	1.1	1.2	3.6	9	-5.4
30	5300	vt0	5.5	5.5	3.5	3.5	8.5	9	-0.5
30	5330	vt0	5.6	5.7	3.6	3.7	8.7	9	-0.3
40	5270	vf0	-3.9	-3.8	0.4	0.4	-0.8	9	-9.8
40	5300	vf0	5.1	5.2	3.2	3.3	8.2	9	-0.8
40	5325	vf0	5.0	5.4	3.2	3.5	8.2	9	-0.8
50	5275	vf0	-4.9	-5.1	0.3	0.3	-2.0	9	-11.0
50	5300	vf0	5.2	5.3	3.3	3.4	8.3	9	-0.7
50	5320	vf0	5.3	5.3	3.4	3.4	8.3	9	-0.7
60	5280	vf0	-8.3	-8.1	0.1	0.2	-5.2	9	-14.2
60	5300	vf0	2.0	2.0	1.6	1.6	5.0	9	-4.0
60	5315	vf0	2.8	2.7	1.9	1.9	5.7	9	-3.3
80	5290	ve00	-8.9	-8.7	0.1	0.1	-5.8	9	-14.8
80	5300	ve00	4.9	5.0	3.1	3.2	8.0	9	-1.0
80	5305	ve00	5.0	5.2	3.2	3.3	8.1	9	-0.9



22dBi AM-5AC22-45

Bandwidth	Frequency	Data Rate	J7 Level	J8 Level	J7 Level	J8 Level	Total Summed Power	Limit	Margin
MHz	MHz		dBm	dBm	mW	mW	dBm	dBm	dB
10	5255	vt0	0.9	1.2	1.2	1.3	4.1	8	-3.9
10	5300	vt0	1.2	1.0	1.3	1.3	4.1	8	-3.9
10	5340	vt0	1.3	1.0	1.3	1.3	4.2	8	-3.8
20	5260	vt0	1.6	1.9	1.4	1.5	4.8	8	-3.2
20	5300	vt0	3.9	4.0	2.5	2.5	7.0	8	-1.0
20	5335	vt0	1.5	1.8	1.4	1.5	4.7	8	-3.3
30	5265	vt0	-0.7	-0.2	0.9	1.0	2.6	8	-5.4
30	5300	vt0	4.5	4.5	2.8	2.8	7.5	8	-0.5
30	5330	vt0	4.6	4.7	2.9	3.0	7.7	8	-0.3
40	5270	vf0	-4.9	-4.8	0.3	0.3	-1.8	8	-9.8
40	5300	vf0	4.1	4.2	2.6	2.6	7.2	8	-0.8
40	5325	vf0	4.0	4.4	2.5	2.8	7.2	8	-0.8
50	5275	vf0	-5.9	-6.1	0.3	0.2	-3.0	8	-11.0
50	5300	vf0	4.2	4.3	2.6	2.7	7.3	8	-0.7
50	5320	vf0	4.3	4.3	2.7	2.7	7.3	8	-0.7
60	5280	vf0	-9.3	-9.1	0.1	0.1	-6.2	8	-14.2
60	5300	vf0	1.0	0.9	1.3	1.2	4.0	8	-4.0
60	5315	vf0	1.8	1.7	1.5	1.5	4.7	8	-3.3
80	5290	ve00	-9.9	-9.7	0.1	0.1	-6.8	8	-14.8
80	5300	ve00	3.9	4.0	2.5	2.5	7.0	8	-1.0
80	5305	ve00	4.0	4.2	2.5	2.6	7.1	8	-0.9



RD-5G30

Bandwidth	Frequency	Data Rate	J7 Level	J8 Level	J7 Level	J8 Level	Total Summed Power	Limit	Margin
MHz	MHz		dBm	dBm	mW	mW	dBm	dBm	dB
10	5255	vt0	-7.1	-6.8	0.2	0.2	-3.9	0	-3.9
10	5300	vt0	-6.8	-7.0	0.2	0.2	-3.9	0	-3.9
10	5340	vt0	-6.7	-7.0	0.2	0.2	-3.8	0	-3.8
20	5260	vt0	-6.4	-6.1	0.2	0.2	-3.2	0	-3.2
20	5300	vt0	-4.1	-4.0	0.4	0.4	-1.0	0	-1.0
20	5335	vt0	-6.5	-6.2	0.2	0.2	-3.3	0	-3.3
30	5265	vt0	-8.7	-8.2	0.1	0.2	-5.4	0	-5.4
30	5300	vt0	-3.5	-3.5	0.4	0.4	-0.5	0	-0.5
30	5330	vt0	-3.4	-3.3	0.5	0.5	-0.3	0	-0.3
40	5270	vf0	-12.9	-12.8	0.1	0.1	-9.8	0	-9.8
40	5300	vf0	-3.9	-3.8	0.4	0.4	-0.8	0	-0.8
40	5325	vf0	-4.0	-3.6	0.4	0.4	-0.8	0	-0.8
50	5275	vf0	-13.9	-14.1	0.0	0.0	-11.0	0	-11.0
50	5300	vf0	-3.8	-3.7	0.4	0.4	-0.7	0	-0.7
50	5320	vf0	-3.7	-3.7	0.4	0.4	-0.7	0	-0.7
60	5280	vf0	-17.3	-17.1	0.0	0.0	-14.2	0	-14.2
60	5300	vf0	-7.0	-7.1	0.2	0.2	-4.0	0	-4.0
60	5315	vf0	-6.3	-6.3	0.2	0.2	-3.3	0	-3.3
80	5290	ve00	-17.9	-17.7	0.0	0.0	-14.8	0	-14.8
80	5300	ve00	-4.1	-4.0	0.4	0.4	-1.0	0	-1.0
80	5305	ve00	-4.0	-3.8	0.4	0.4	-0.9	0	-0.9



RD-5G31-AC

Bandwidth	Frequency	Data Rate	J7 Level	J8 Level	J7 Level	J8 Level	Total Summed Power	Limit	Margin
MHz	MHz		dBm	dBm	mW	mW	dBm	dBm	dB
10	5255	vt0	-8.1	-7.8	0.2	0.2	-4.9	-1	-3.9
10	5300	vt0	-7.8	-8.0	0.2	0.2	-4.9	-1	-3.9
10	5340	vt0	-7.7	-8.0	0.2	0.2	-4.8	-1	-3.8
20	5260	vt0	-7.4	-7.1	0.2	0.2	-4.2	-1	-3.2
20	5300	vt0	-5.1	-5.0	0.3	0.3	-2.0	-1	-1.0
20	5335	vt0	-7.5	-7.2	0.2	0.2	-4.3	-1	-3.3
30	5265	vt0	-9.7	-9.2	0.1	0.1	-6.4	-1	-5.4
30	5300	vt0	-4.5	-4.5	0.4	0.4	-1.5	-1	-0.5
30	5330	vt0	-4.4	-4.3	0.4	0.4	-1.3	-1	-0.3
40	5270	vf0	-13.9	-13.8	0.0	0.0	-10.8	-1	-9.8
40	5300	vf0	-4.9	-4.8	0.3	0.3	-1.8	-1	-0.8
40	5325	vf0	-5.0	-4.6	0.3	0.3	-1.8	-1	-0.8
50	5275	vf0	-14.9	-15.1	0.0	0.0	-12.0	-1	-11.0
50	5300	vf0	-4.8	-4.7	0.3	0.3	-1.7	-1	-0.7
50	5320	vf0	-4.7	-4.7	0.3	0.3	-1.7	-1	-0.7
60	5280	vf0	-18.3	-18.1	0.0	0.0	-15.2	-1	-14.2
60	5300	vf0	-8.0	-8.1	0.2	0.2	-5.0	-1	-4.0
60	5315	vf0	-7.3	-7.3	0.2	0.2	-4.3	-1	-3.3
80	5290	ve00	-18.9	-18.7	0.0	0.0	-15.8	-1	-14.8
80	5300	ve00	-5.1	-5.0	0.3	0.3	-2.0	-1	-1.0
80	5305	ve00	-5.0	-4.8	0.3	0.3	-1.9	-1	-0.9



UNI-2C

13dBi AMO-5G13

Bandwidth	Frequency	Data Rate	J7 Level	J8 Level	J7 Level	J8 Level	Total Summed Power	Limit	Margin
MHz	MHz		dBm	dBm	mW	mW	dBm	dBm	dB
10	5480	vt0	9.5	9.2	8.9	8.3	12.4	17	-4.6
10	5600	vt0	9.3	9.5	8.5	8.9	12.4	17	-4.6
10	5715	vt0	-2.8	-1.5	0.5	0.7	0.9	17	-16.1
20	5485	vt0	11.1	11.7	12.9	14.8	14.4	17	-2.6
20	5600	vt0	11.1	11.8	12.9	15.1	14.5	17	-2.5
20	5710	vt0	-6.4	-8.4	0.2	0.1	-4.3	17	-21.3
30	5490	vt0	12.2	12.8	16.6	19.1	15.5	17	-1.5
30	5600	vt0	12.8	14.0	19.1	25.1	16.5	17	-0.5
30	5705	vt0	-10.0	-12.1	0.1	0.1	-7.9	17	-24.9
40	5495	vf0	11.8	12.0	15.1	15.8	14.9	17	-2.1
40	5600	vf0	10.7	11.0	11.7	12.6	13.9	17	-3.1
40	5700	vf0	-10.6	-12.1	0.1	0.1	-8.3	17	-25.3
50	5500	vf0	11.8	11.7	15.1	14.8	14.8	17	-2.2
50	5600	vf0	6.6	7.3	4.6	5.4	10.0	17	-7.0
50	5695	vf0	-9.6	-11.1	0.1	0.1	-7.3	17	-24.3
60	5505	vf0	12.1	12.9	16.2	19.5	15.5	17	-1.5
60	5600	vf0	2.8	3.4	1.9	2.2	6.1	17	-10.9
60	5690	vf0	-10.4	-11.9	0.1	0.1	-8.1	17	-25.1
80	5515	ve00	-0.7	-0.1	0.9	1.0	2.6	17	-14.4
80	5600	ve00	-6.5	-8.2	0.2	0.2	-4.3	17	-21.3
80	5680	ve00	-9.5	-11.4	0.1	0.1	-7.3	17	-24.3



16dB_i AM-5G-16-120

Bandwidth	Frequency	Data Rate	J7 Level	J8 Level	J7 Level	J8 Level	Total Summed Power	Limit	Margin
MHz	MHz		dBm	dBm	mW	mW	dBm	dBm	dB
10	5480	vt0	6.5	6.2	4.5	4.2	9.4	14	-4.6
10	5600	vt0	6.3	6.5	4.3	4.5	9.4	14	-4.6
10	5715	vt0	-5.8	-4.5	0.3	0.4	-2.1	14	-16.1
20	5485	vt0	8.1	8.7	6.5	7.4	11.4	14	-2.6
20	5600	vt0	8.1	8.8	6.5	7.6	11.5	14	-2.5
20	5710	vt0	-9.4	-11.4	0.1	0.1	-7.3	14	-21.3
30	5490	vt0	9.2	9.8	8.3	9.5	12.5	14	-1.5
30	5600	vt0	9.8	11.0	9.5	12.6	13.5	14	-0.5
30	5705	vt0	-13.0	-15.1	0.1	0.0	-10.9	14	-24.9
40	5495	vf0	8.8	9.0	7.6	7.9	11.9	14	-2.1
40	5600	vf0	7.7	8.0	5.9	6.3	10.9	14	-3.1
40	5700	vf0	-13.6	-15.1	0.0	0.0	-11.3	14	-25.3
50	5500	vf0	8.8	8.7	7.6	7.4	11.8	14	-2.2
50	5600	vf0	3.6	4.3	2.3	2.7	7.0	14	-7.0
50	5695	vf0	-12.6	-14.1	0.1	0.0	-10.3	14	-24.3
60	5505	vf0	9.1	9.9	8.1	9.8	12.5	14	-1.5
60	5600	vf0	-0.2	0.4	1.0	1.1	3.1	14	-10.9
60	5690	vf0	-13.4	-14.9	0.0	0.0	-11.1	14	-25.1
80	5515	ve00	-3.7	-3.1	0.4	0.5	-0.4	14	-14.4
80	5600	ve00	-9.5	-11.2	0.1	0.1	-7.3	14	-21.3
80	5680	ve00	-12.5	-14.4	0.1	0.0	-10.3	14	-24.3



17dBi AM-5G17-90

Bandwidth	Frequency	Data Rate	J7 Level	J8 Level	J7 Level	J8 Level	Total Summed Power	Limit	Margin
MHz	MHz		dBm	dBm	mW	mW	dBm	dBm	dB
10	5480	vt0	5.5	5.2	3.5	3.3	8.4	13	-4.6
10	5600	vt0	5.3	5.5	3.4	3.5	8.4	13	-4.6
10	5715	vt0	-6.8	-5.5	0.2	0.3	-3.1	13	-16.1
20	5485	vt0	7.1	7.7	5.1	5.9	10.4	13	-2.6
20	5600	vt0	7.1	7.8	5.1	6.0	10.5	13	-2.5
20	5710	vt0	-10.4	-12.4	0.1	0.1	-8.3	13	-21.3
30	5490	vt0	8.2	8.8	6.6	7.6	11.5	13	-1.5
30	5600	vt0	8.8	10.0	7.6	10.0	12.5	13	-0.5
30	5705	vt0	-14.0	-16.1	0.0	0.0	-11.9	13	-24.9
40	5495	vf0	7.8	8.0	6.0	6.3	10.9	13	-2.1
40	5600	vf0	6.7	7.0	4.7	5.0	9.9	13	-3.1
40	5700	vf0	-14.6	-16.1	0.0	0.0	-12.3	13	-25.3
50	5500	vf0	7.8	7.7	6.0	5.9	10.8	13	-2.2
50	5600	vf0	2.6	3.3	1.8	2.1	6.0	13	-7.0
50	5695	vf0	-13.6	-15.1	0.0	0.0	-11.3	13	-24.3
60	5505	vf0	8.1	8.9	6.5	7.8	11.5	13	-1.5
60	5600	vf0	-1.2	-0.6	0.8	0.9	2.1	13	-10.9
60	5690	vf0	-14.4	-15.9	0.0	0.0	-12.1	13	-25.1
80	5515	ve00	-4.7	-4.1	0.3	0.4	-1.4	13	-14.4
80	5600	ve00	-10.5	-12.2	0.1	0.1	-8.3	13	-21.3
80	5680	ve00	-13.5	-15.4	0.0	0.0	-11.3	13	-24.3



19dBi AM-5G19-120

Bandwidth	Frequency	Data Rate	J7 Level	J8 Level	J7 Level	J8 Level	Total Summed Power	Limit	Margin
MHz	MHz		dBm	dBm	mW	mW	dBm	dBm	dB
10	5480	vt0	3.5	3.2	2.2	2.1	6.4	11	-4.6
10	5600	vt0	3.3	3.5	2.1	2.2	6.4	11	-4.6
10	5715	vt0	-8.8	-7.5	0.1	0.2	-5.1	11	-16.1
20	5485	vt0	5.1	5.7	3.2	3.7	8.4	11	-2.6
20	5600	vt0	5.1	5.8	3.2	3.8	8.5	11	-2.5
20	5710	vt0	-12.4	-14.4	0.1	0.0	-10.3	11	-21.3
30	5490	vt0	6.2	6.8	4.2	4.8	9.5	11	-1.5
30	5600	vt0	6.8	8.0	4.8	6.3	10.5	11	-0.5
30	5705	vt0	-16.0	-18.1	0.0	0.0	-13.9	11	-24.9
40	5495	vf0	5.8	6.0	3.8	4.0	8.9	11	-2.1
40	5600	vf0	4.7	5.0	3.0	3.2	7.9	11	-3.1
40	5700	vf0	-16.6	-18.1	0.0	0.0	-14.3	11	-25.3
50	5500	vf0	5.8	5.7	3.8	3.7	8.8	11	-2.2
50	5600	vf0	0.6	1.3	1.1	1.3	4.0	11	-7.0
50	5695	vf0	-15.6	-17.1	0.0	0.0	-13.3	11	-24.3
60	5505	vf0	6.1	6.9	4.1	4.9	9.5	11	-1.5
60	5600	vf0	-3.2	-2.6	0.5	0.5	0.1	11	-10.9
60	5690	vf0	-16.4	-17.9	0.0	0.0	-14.1	11	-25.1
80	5515	ve00	-6.7	-6.1	0.2	0.2	-3.4	11	-14.4
80	5600	ve00	-12.5	-14.2	0.1	0.0	-10.3	11	-21.3
80	5680	ve00	-15.5	-17.4	0.0	0.0	-13.3	11	-24.3



20dBi AM-5G20-90

Bandwidth	Frequency	Data Rate	J7 Level	J8 Level	J7 Level	J8 Level	Total Summed Power	Limit	Margin
MHz	MHz		dBm	dBm	mW	mW	dBm	dBm	dB
10	5480	vt0	2.5	2.2	1.8	1.7	5.4	10	-4.6
10	5600	vt0	2.3	2.5	1.7	1.8	5.4	10	-4.6
10	5715	vt0	-9.8	-8.5	0.1	0.1	-6.1	10	-16.1
20	5485	vt0	4.1	4.7	2.6	3.0	7.4	10	-2.6
20	5600	vt0	4.1	4.8	2.6	3.0	7.5	10	-2.5
20	5710	vt0	-13.4	-15.4	0.0	0.0	-11.3	10	-21.3
30	5490	vt0	5.2	5.8	3.3	3.8	8.5	10	-1.5
30	5600	vt0	5.8	7.0	3.8	5.0	9.5	10	-0.5
30	5705	vt0	-17.0	-19.1	0.0	0.0	-14.9	10	-24.9
40	5495	vf0	4.8	5.0	3.0	3.2	7.9	10	-2.1
40	5600	vf0	3.7	4.0	2.3	2.5	6.9	10	-3.1
40	5700	vf0	-17.6	-19.1	0.0	0.0	-15.3	10	-25.3
50	5500	vf0	4.8	4.7	3.0	3.0	7.8	10	-2.2
50	5600	vf0	-0.4	0.3	0.9	1.1	3.0	10	-7.0
50	5695	vf0	-16.6	-18.1	0.0	0.0	-14.3	10	-24.3
60	5505	vf0	5.1	5.9	3.2	3.9	8.5	10	-1.5
60	5600	vf0	-4.2	-3.6	0.4	0.4	-0.9	10	-10.9
60	5690	vf0	-17.4	-18.9	0.0	0.0	-15.1	10	-25.1
80	5515	ve00	-7.7	-7.1	0.2	0.2	-4.4	10	-14.4
80	5600	ve00	-13.5	-15.2	0.0	0.0	-11.3	10	-21.3
80	5680	ve00	-16.5	-18.4	0.0	0.0	-14.3	10	-24.3



21 dBI AM-V5G-Ti

Bandwidth	Frequency	Data Rate	J7 Level	J8 Level	J7 Level	J8 Level	Total Summed Power	Limit	Margin
MHz	MHz		dBm	dBm	mW	mW	dBm	dBm	dB
10	5480	vt0	1.5	1.2	1.4	1.3	4.4	9	-4.6
10	5600	vt0	1.3	1.5	1.3	1.4	4.4	9	-4.6
10	5715	vt0	-10.8	-9.5	0.1	0.1	-7.1	9	-16.1
20	5485	vt0	3.1	3.7	2.0	2.3	6.4	9	-2.6
20	5600	vt0	3.1	3.8	2.0	2.4	6.5	9	-2.5
20	5710	vt0	-14.4	-16.4	0.0	0.0	-12.3	9	-21.3
30	5490	vt0	4.2	4.8	2.6	3.0	7.5	9	-1.5
30	5600	vt0	4.8	6.0	3.0	4.0	8.5	9	-0.5
30	5705	vt0	-18.0	-20.1	0.0	0.0	-15.9	9	-24.9
40	5495	vf0	3.8	4.0	2.4	2.5	6.9	9	-2.1
40	5600	vf0	2.7	3.0	1.9	2.0	5.9	9	-3.1
40	5700	vf0	-18.6	-20.1	0.0	0.0	-16.3	9	-25.3
50	5500	vf0	3.8	3.7	2.4	2.3	6.8	9	-2.2
50	5600	vf0	-1.4	-0.7	0.7	0.9	2.0	9	-7.0
50	5695	vf0	-17.6	-19.1	0.0	0.0	-15.3	9	-24.3
60	5505	vf0	4.1	4.9	2.6	3.1	7.5	9	-1.5
60	5600	vf0	-5.2	-4.6	0.3	0.3	-1.9	9	-10.9
60	5690	vf0	-18.4	-19.9	0.0	0.0	-16.1	9	-25.1
80	5515	ve00	-8.7	-8.1	0.1	0.2	-5.4	9	-14.4
80	5600	ve00	-14.5	-16.2	0.0	0.0	-12.3	9	-21.3
80	5680	ve00	-17.5	-19.4	0.0	0.0	-15.3	9	-24.3



21dBi AM-5AC21-60

Bandwidth	Frequency	Data Rate	J7 Level	J8 Level	J7 Level	J8 Level	Total Summed Power	Limit	Margin
MHz	MHz		dBm	dBm	mW	mW	dBm	dBm	dB
10	5480	vt0	1.5	1.2	1.4	1.3	4.4	9	-4.6
10	5600	vt0	1.3	1.5	1.3	1.4	4.4	9	-4.6
10	5715	vt0	-10.8	-9.5	0.1	0.1	-7.1	9	-16.1
20	5485	vt0	3.1	3.7	2.0	2.3	6.4	9	-2.6
20	5600	vt0	3.1	3.8	2.0	2.4	6.5	9	-2.5
20	5710	vt0	-14.4	-16.4	0.0	0.0	-12.3	9	-21.3
30	5490	vt0	4.2	4.8	2.6	3.0	7.5	9	-1.5
30	5600	vt0	4.8	6.0	3.0	4.0	8.5	9	-0.5
30	5705	vt0	-18.0	-20.1	0.0	0.0	-15.9	9	-24.9
40	5495	vf0	3.8	4.0	2.4	2.5	6.9	9	-2.1
40	5600	vf0	2.7	3.0	1.9	2.0	5.9	9	-3.1
40	5700	vf0	-18.6	-20.1	0.0	0.0	-16.3	9	-25.3
50	5500	vf0	3.8	3.7	2.4	2.3	6.8	9	-2.2
50	5600	vf0	-1.4	-0.7	0.7	0.9	2.0	9	-7.0
50	5695	vf0	-17.6	-19.1	0.0	0.0	-15.3	9	-24.3
60	5505	vf0	4.1	4.9	2.6	3.1	7.5	9	-1.5
60	5600	vf0	-5.2	-4.6	0.3	0.3	-1.9	9	-10.9
60	5690	vf0	-18.4	-19.9	0.0	0.0	-16.1	9	-25.1
80	5515	ve00	-8.7	-8.1	0.1	0.2	-5.4	9	-14.4
80	5600	ve00	-14.5	-16.2	0.0	0.0	-12.3	9	-21.3
80	5680	ve00	-17.5	-19.4	0.0	0.0	-15.3	9	-24.3



22dBi AM-5AC22-45

Bandwidth	Frequency	Data Rate	J7 Level	J8 Level	J7 Level	J8 Level	Total Summed Power	Limit	Margin
MHz	MHz		dBm	dBm	mW	mW	dBm	dBm	dB
10	5480	vt0	0.5	0.2	1.1	1.0	3.4	8	-4.6
10	5600	vt0	0.3	0.5	1.1	1.1	3.4	8	-4.6
10	5715	vt0	-11.8	-10.5	0.1	0.1	-8.1	8	-16.1
20	5485	vt0	2.1	2.7	1.6	1.9	5.4	8	-2.6
20	5600	vt0	2.1	2.8	1.6	1.9	5.5	8	-2.5
20	5710	vt0	-15.4	-17.4	0.0	0.0	-13.3	8	-21.3
30	5490	vt0	3.2	3.8	2.1	2.4	6.5	8	-1.5
30	5600	vt0	3.8	5.0	2.4	3.2	7.5	8	-0.5
30	5705	vt0	-19.0	-21.1	0.0	0.0	-16.9	8	-24.9
40	5495	vf0	2.8	3.0	1.9	2.0	5.9	8	-2.1
40	5600	vf0	1.7	2.0	1.5	1.6	4.9	8	-3.1
40	5700	vf0	-19.6	-21.1	0.0	0.0	-17.3	8	-25.3
50	5500	vf0	2.8	2.7	1.9	1.9	5.8	8	-2.2
50	5600	vf0	-2.4	-1.7	0.6	0.7	1.0	8	-7.0
50	5695	vf0	-18.6	-20.1	0.0	0.0	-16.3	8	-24.3
60	5505	vf0	3.1	3.9	2.0	2.5	6.5	8	-1.5
60	5600	vf0	-6.2	-5.6	0.2	0.3	-2.9	8	-10.9
60	5690	vf0	-19.4	-20.9	0.0	0.0	-17.1	8	-25.1
80	5515	ve00	-9.7	-9.1	0.1	0.1	-6.4	8	-14.4
80	5600	ve00	-15.5	-17.2	0.0	0.0	-13.3	8	-21.3
80	5680	ve00	-18.5	-20.4	0.0	0.0	-16.3	8	-24.3



RD-5G30

Bandwidth	Frequency	Data Rate	J7 Level	J8 Level	J7 Level	J8 Level	Total Summed Power	Limit	Margin
MHz	MHz		dBm	dBm	mW	mW	dBm	dBm	dB
10	5480	vt0	-7.5	-7.8	0.2	0.2	-4.6	0	-4.6
10	5600	vt0	-7.7	-7.5	0.2	0.2	-4.6	0	-4.6
10	5715	vt0	-19.8	-18.5	0.0	0.0	-16.1	0	-16.1
20	5485	vt0	-5.9	-5.3	0.3	0.3	-2.6	0	-2.6
20	5600	vt0	-5.9	-5.2	0.3	0.3	-2.5	0	-2.5
20	5710	vt0	-23.4	-25.4	0.0	0.0	-21.3	0	-21.3
30	5490	vt0	-4.8	-4.2	0.3	0.4	-1.5	0	-1.5
30	5600	vt0	-4.2	-3.0	0.4	0.5	-0.5	0	-0.5
30	5705	vt0	-27.0	-29.1	0.0	0.0	-24.9	0	-24.9
40	5495	vf0	-5.2	-5.0	0.3	0.3	-2.1	0	-2.1
40	5600	vf0	-6.3	-6.0	0.2	0.3	-3.1	0	-3.1
40	5700	vf0	-27.6	-29.1	0.0	0.0	-25.3	0	-25.3
50	5500	vf0	-5.2	-5.3	0.3	0.3	-2.2	0	-2.2
50	5600	vf0	-10.4	-9.7	0.1	0.1	-7.0	0	-7.0
50	5695	vf0	-26.6	-28.1	0.0	0.0	-24.3	0	-24.3
60	5505	vf0	-4.9	-4.1	0.3	0.4	-1.5	0	-1.5
60	5600	vf0	-14.2	-13.6	0.0	0.0	-10.9	0	-10.9
60	5690	vf0	-27.4	-28.9	0.0	0.0	-25.1	0	-25.1
80	5515	ve00	-17.7	-17.1	0.0	0.0	-14.4	0	-14.4
80	5600	ve00	-23.5	-25.2	0.0	0.0	-21.3	0	-21.3
80	5680	ve00	-26.5	-28.4	0.0	0.0	-24.3	0	-24.3



RD-5G31-AC

Bandwidth	Frequency	Data Rate	J7 Level	J8 Level	J7 Level	J8 Level	Total Summed Power	Limit	Margin
MHz	MHz		dBm	dBm	mW	mW	dBm	dBm	dB
10	5480	vt0	-8.5	-8.8	0.1	0.1	-5.6	-1	-4.6
10	5600	vt0	-8.7	-8.5	0.1	0.1	-5.6	-1	-4.6
10	5715	vt0	-20.8	-19.5	0.0	0.0	-17.1	-1	-16.1
20	5485	vt0	-6.9	-6.3	0.2	0.2	-3.6	-1	-2.6
20	5600	vt0	-6.9	-6.2	0.2	0.2	-3.5	-1	-2.5
20	5710	vt0	-24.4	-26.4	0.0	0.0	-22.3	-1	-21.3
30	5490	vt0	-5.8	-5.2	0.3	0.3	-2.5	-1	-1.5
30	5600	vt0	-5.2	-4.0	0.3	0.4	-1.5	-1	-0.5
30	5705	vt0	-28.0	-30.1	0.0	0.0	-25.9	-1	-24.9
40	5495	vf0	-6.2	-6.0	0.2	0.3	-3.1	-1	-2.1
40	5600	vf0	-7.3	-7.0	0.2	0.2	-4.1	-1	-3.1
40	5700	vf0	-28.6	-30.1	0.0	0.0	-26.3	-1	-25.3
50	5500	vf0	-6.2	-6.3	0.2	0.2	-3.2	-1	-2.2
50	5600	vf0	-11.4	-10.7	0.1	0.1	-8.0	-1	-7.0
50	5695	vf0	-27.6	-29.1	0.0	0.0	-25.3	-1	-24.3
60	5505	vf0	-5.9	-5.1	0.3	0.3	-2.5	-1	-1.5
60	5600	vf0	-15.2	-14.6	0.0	0.0	-11.9	-1	-10.9
60	5690	vf0	-28.4	-29.9	0.0	0.0	-26.1	-1	-25.1
80	5515	ve00	-18.7	-18.1	0.0	0.0	-15.4	-1	-14.4
80	5600	ve00	-24.5	-26.2	0.0	0.0	-22.3	-1	-21.3
80	5680	ve00	-27.5	-29.4	0.0	0.0	-25.3	-1	-24.3