



Annex A

Output Power



AMO-G13

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	5160	vt0	3.7	3.6	2.3	2.3	6.6	23	-16.4
10	5200	vt0	15.5	15.4	35.5	34.7	18.5	23	-4.5
10	5245	vt0	15.0	15.2	31.6	33.1	18.1	23	-4.9
20	5165	vt0	-5.1	-5.9	0.3	0.3	-2.5	23	-25.5
20	5200	vt0	17.7	17.9	58.9	61.7	20.8	23	-2.2
20	5240	vt0	17.5	18.0	56.2	63.1	20.8	23	-2.2
30	5170	vt0	-8.6	-7.8	0.1	0.2	-5.2	23	-28.2
30	5200	vt0	17.8	18.0	60.3	63.1	20.9	23	-2.1
30	5235	vt0	17.5	17.6	56.2	57.5	20.6	23	-2.4
40	5175	vf0	-9.3	-10.6	0.1	0.1	-6.9	23	-29.9
40	5200	vf0	15.2	15.7	33.1	37.2	18.5	23	-4.5
40	5230	Vf0	17.4	17.3	55.0	53.7	20.4	23	-2.6
50	5180	vf0	-6.9	-8.0	0.2	0.2	-4.4	23	-27.4
50	5200	vf0	13.0	12.8	20.0	19.1	15.9	23	-7.1
50	5225	vf0	17.2	17.0	52.5	50.1	20.1	23	-2.9
60	5185	vf0	-8.4	-8.6	0.1	0.1	-5.5	23	-28.5
60	5200	vf0	5.0	-2.1	7.9	0.6	9.3	23	-13.7
60	5220	vf0	17.0	17.5	20.1	56.2	18.8	23	-4.2
80	5195	ve00	-14.0	-13.9	0.0	0.0	-10.9	23	-33.9
80	5200	ve00	-6.3	-6.5	0.2	0.2	-3.4	23	-26.4
80	5210	ve00	3.1	2.9	2.0	1.9	6.0	23	-17.0



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	
10	5160	vt0	6.7	6.6	4.6	4.6	9.6	30	-20.4
10	5200	vt0	18.5	18.4	70.8	69.2	21.5	30	-8.5
10	5245	vt0	18.0	18.2	63.1	66.1	21.1	30	-8.9
20	5165	vt0	-2.1	-2.9	0.6	0.5	0.5	30	-29.5
20	5200	vt0	20.7	20.9	117.5	123.0	23.8	30	-6.2
20	5240	vt0	20.5	21.0	112.2	125.9	23.8	30	-6.2
30	5170	vt0	-5.6	-4.8	0.3	0.3	-2.2	30	-32.2
30	5200	vt0	20.8	21.0	120.2	125.9	23.9	30	-6.1
30	5235	vt0	20.5	20.6	112.2	114.8	23.6	30	-6.4
40	5175	vf0	-6.3	-7.6	0.2	0.2	-3.9	30	-33.9
40	5200	vf0	18.2	18.7	66.1	74.1	21.5	30	-8.5
40	5230	vf0	20.4	20.3	109.6	107.2	23.4	30	-6.6
50	5180	vf0	-3.9	-5.0	0.4	0.3	-1.4	30	-31.4
50	5200	vf0	16.0	15.8	39.8	38.0	18.9	30	-11.1
50	5225	vf0	20.2	20.0	104.7	100.0	23.1	30	-6.9
60	5185	vf0	-5.4	-5.6	0.3	0.3	-2.5	30	-32.5
60	5200	vf0	8.0	0.9	6.3	1.2	8.8	30	-21.2
60	5220	vf0	20.0	20.5	100.0	112.2	23.3	30	-6.7
80	5195	ve00	-11.0	-10.9	0.1	0.1	-7.9	30	-37.9
80	5200	ve00	-3.3	-3.5	0.5	0.4	-0.4	30	-30.4
80	5210	ve00	6.1	5.9	4.1	3.9	9.0	30	-21.0



AM-5G-17-90

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	
10	5160	vt0	6.7	6.6	4.6	4.6	9.6	30	-20.4
10	5200	vt0	18.5	18.4	70.8	69.2	21.5	30	-8.5
10	5245	vt0	18.0	18.2	63.1	66.1	21.1	30	-8.9
20	5165	vt0	-2.1	-2.9	0.6	0.5	0.5	30	-29.5
20	5200	vt0	20.7	20.9	117.5	123.0	23.8	30	-6.2
20	5240	vt0	20.5	21.0	112.2	125.9	23.8	30	-6.2
30	5170	vt0	-5.6	-4.8	0.3	0.3	-2.2	30	-32.2
30	5200	vt0	20.8	21.0	120.2	125.9	23.9	30	-6.1
30	5235	vt0	20.5	20.6	112.2	114.8	23.6	30	-6.4
40	5175	vf0	-6.3	-7.6	0.2	0.2	-3.9	30	-33.9
40	5200	vf0	18.2	18.7	66.1	74.1	21.5	30	-8.5
40	5230	vf0	20.4	20.3	109.6	107.2	23.4	30	-6.6
50	5180	vf0	-3.9	-5.0	0.4	0.3	-1.4	30	-31.4
50	5200	vf0	16.0	15.8	39.8	38.0	18.9	30	-11.1
50	5225	vf0	20.2	20.0	104.7	100.0	23.1	30	-6.9
60	5185	vf0	-5.4	-5.6	0.3	0.3	-2.5	30	-32.5
60	5200	vf0	8.0	0.9	6.3	1.2	8.8	30	-21.2
60	5220	vf0	20.0	20.5	100.0	112.2	23.3	30	-6.7
80	5195	ve00	-11.0	-10.9	0.1	0.1	-7.9	30	-37.9
80	5200	ve00	-3.3	-3.5	0.5	0.4	-0.4	30	-30.4
80	5210	ve00	6.1	5.9	4.1	3.9	9.0	30	-21.0



AM-M-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	
10	5160	vt0	6.7	6.6	4.6	4.6	9.6	30	-20.4
10	5200	vt0	18.5	18.4	70.8	69.2	21.5	30	-8.5
10	5245	vt0	18.0	18.2	63.1	66.1	21.1	30	-8.9
20	5165	vt0	-2.1	-2.9	0.6	0.5	0.5	30	-29.5
20	5200	vt0	20.7	20.9	117.5	123.0	23.8	30	-6.2
20	5240	vt0	20.5	21.0	112.2	125.9	23.8	30	-6.2
30	5170	vt0	-5.6	-4.8	0.3	0.3	-2.2	30	-32.2
30	5200	vt0	20.8	21.0	120.2	125.9	23.9	30	-6.1
30	5235	vt0	20.5	20.6	112.2	114.8	23.6	30	-6.4
40	5175	vf0	-6.3	-7.6	0.2	0.2	-3.9	30	-33.9
40	5200	vf0	18.2	18.7	66.1	74.1	21.5	30	-8.5
40	5230	vf0	20.4	20.3	109.6	107.2	23.4	30	-6.6
50	5180	vf0	-3.9	-5.0	0.4	0.3	-1.4	30	-31.4
50	5200	vf0	16.0	15.8	39.8	38.0	18.9	30	-11.1
50	5225	vf0	20.2	20.0	104.7	100.0	23.1	30	-6.9
60	5185	vf0	-5.4	-5.6	0.3	0.3	-2.5	30	-32.5
60	5200	vf0	8.0	0.9	6.3	1.2	8.8	30	-21.2
60	5220	vf0	20.0	20.5	100.0	112.2	23.3	30	-6.7
80	5195	ve00	-11.0	-10.9	0.1	0.1	-7.9	30	-37.9
80	5200	ve00	-3.3	-3.5	0.5	0.4	-0.4	30	-30.4
80	5210	ve00	6.1	5.9	4.1	3.9	9.0	30	-21.0



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	
10	5160	vt0	6.7	6.6	4.6	4.6	9.6	30	-20.4
10	5200	vt0	18.5	18.4	70.8	69.2	21.5	30	-8.5
10	5245	vt0	18.0	18.2	63.1	66.1	21.1	30	-8.9
20	5165	vt0	-2.1	-2.9	0.6	0.5	0.5	30	-29.5
20	5200	vt0	20.7	20.9	117.5	123.0	23.8	30	-6.2
20	5240	vt0	20.5	21.0	112.2	125.9	23.8	30	-6.2
30	5170	vt0	-5.6	-4.8	0.3	0.3	-2.2	30	-32.2
30	5200	vt0	20.8	21.0	120.2	125.9	23.9	30	-6.1
30	5235	vt0	20.5	20.6	112.2	114.8	23.6	30	-6.4
40	5175	vf0	-6.3	-7.6	0.2	0.2	-3.9	30	-33.9
40	5200	vf0	18.2	18.7	66.1	74.1	21.5	30	-8.5
40	5230	vf0	20.4	20.3	109.6	107.2	23.4	30	-6.6
50	5180	vf0	-3.9	-5.0	0.4	0.3	-1.4	30	-31.4
50	5200	vf0	16.0	15.8	39.8	38.0	18.9	30	-11.1
50	5225	vf0	20.2	20.0	104.7	100.0	23.1	30	-6.9
60	5185	vf0	-5.4	-5.6	0.3	0.3	-2.5	30	-32.5
60	5200	vf0	8.0	0.9	6.3	1.2	8.8	30	-21.2
60	5220	vf0	20.0	20.5	100.0	112.2	23.3	30	-6.7
80	5195	ve00	-11.0	-10.9	0.1	0.1	-7.9	30	-37.9
80	5200	ve00	-3.3	-3.5	0.5	0.4	-0.4	30	-30.4
80	5210	ve00	6.1	5.9	4.1	3.9	9.0	30	-21.0



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	
10	5160	vt0	6.7	6.6	4.6	4.6	9.6	30	-20.4
10	5200	vt0	18.5	18.4	70.8	69.2	21.5	30	-8.5
10	5245	vt0	18.0	18.2	63.1	66.1	21.1	30	-8.9
20	5165	vt0	-2.1	-2.9	0.6	0.5	0.5	30	-29.5
20	5200	vt0	20.7	20.9	117.5	123.0	23.8	30	-6.2
20	5240	vt0	20.5	21.0	112.2	125.9	23.8	30	-6.2
30	5170	vt0	-5.6	-4.8	0.3	0.3	-2.2	30	-32.2
30	5200	vt0	20.8	21.0	120.2	125.9	23.9	30	-6.1
30	5235	vt0	20.5	20.6	112.2	114.8	23.6	30	-6.4
40	5175	vf0	-6.3	-7.6	0.2	0.2	-3.9	30	-33.9
40	5200	vf0	18.2	18.7	66.1	74.1	21.5	30	-8.5
40	5230	vf0	20.4	20.3	109.6	107.2	23.4	30	-6.6
50	5180	vf0	-3.9	-5.0	0.4	0.3	-1.4	30	-31.4
50	5200	vf0	16.0	15.8	39.8	38.0	18.9	30	-11.1
50	5225	vf0	20.2	20.0	104.7	100.0	23.1	30	-6.9
60	5185	vf0	-5.4	-5.6	0.3	0.3	-2.5	30	-32.5
60	5200	vf0	8.0	0.9	6.3	1.2	8.8	30	-21.2
60	5220	vf0	20.0	20.5	100.0	112.2	23.3	30	-6.7
80	5195	ve00	-11.0	-10.9	0.1	0.1	-7.9	30	-37.9
80	5200	ve00	-3.3	-3.5	0.5	0.4	-0.4	30	-30.4
80	5210	ve00	6.1	5.9	4.1	3.9	9.0	30	-21.0



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	
10	5160	vt0	6.7	6.6	4.6	4.6	9.6	30	-20.4
10	5200	vt0	18.5	18.4	70.8	69.2	21.5	30	-8.5
10	5245	vt0	18.0	18.2	63.1	66.1	21.1	30	-8.9
20	5165	vt0	-2.1	-2.9	0.6	0.5	0.5	30	-29.5
20	5200	vt0	20.7	20.9	117.5	123.0	23.8	30	-6.2
20	5240	vt0	20.5	21.0	112.2	125.9	23.8	30	-6.2
30	5170	vt0	-5.6	-4.8	0.3	0.3	-2.2	30	-32.2
30	5200	vt0	20.8	21.0	120.2	125.9	23.9	30	-6.1
30	5235	vt0	20.5	20.6	112.2	114.8	23.6	30	-6.4
40	5175	vf0	-6.3	-7.6	0.2	0.2	-3.9	30	-33.9
40	5200	vf0	18.2	18.7	66.1	74.1	21.5	30	-8.5
40	5230	vf0	20.4	20.3	109.6	107.2	23.4	30	-6.6
50	5180	vf0	-3.9	-5.0	0.4	0.3	-1.4	30	-31.4
50	5200	vf0	16.0	15.8	39.8	38.0	18.9	30	-11.1
50	5225	vf0	20.2	20.0	104.7	100.0	23.1	30	-6.9
60	5185	vf0	-5.4	-5.6	0.3	0.3	-2.5	30	-32.5
60	5200	vf0	8.0	0.9	6.3	1.2	8.8	30	-21.2
60	5220	vf0	20.0	20.5	100.0	112.2	23.3	30	-6.7
80	5195	ve00	-11.0	-10.9	0.1	0.1	-7.9	30	-37.9
80	5200	ve00	-3.3	-3.5	0.5	0.4	-0.4	30	-30.4
80	5210	ve00	6.1	5.9	4.1	3.9	9.0	30	-21.0



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	
10	5160	vt0	6.7	6.6	4.6	4.6	9.6	30	-20.4
10	5200	vt0	18.5	18.4	70.8	69.2	21.5	30	-8.5
10	5245	vt0	18.0	18.2	63.1	66.1	21.1	30	-8.9
20	5165	vt0	-2.1	-2.9	0.6	0.5	0.5	30	-29.5
20	5200	vt0	20.7	20.9	117.5	123.0	23.8	30	-6.2
20	5240	vt0	20.5	21.0	112.2	125.9	23.8	30	-6.2
30	5170	vt0	-5.6	-4.8	0.3	0.3	-2.2	30	-32.2
30	5200	vt0	20.8	21.0	120.2	125.9	23.9	30	-6.1
30	5235	vt0	20.5	20.6	112.2	114.8	23.6	30	-6.4
40	5175	vf0	-6.3	-7.6	0.2	0.2	-3.9	30	-33.9
40	5200	vf0	18.2	18.7	66.1	74.1	21.5	30	-8.5
40	5230	vf0	20.4	20.3	109.6	107.2	23.4	30	-6.6
50	5180	vf0	-3.9	-5.0	0.4	0.3	-1.4	30	-31.4
50	5200	vf0	16.0	15.8	39.8	38.0	18.9	30	-11.1
50	5225	vf0	20.2	20.0	104.7	100.0	23.1	30	-6.9
60	5185	vf0	-5.4	-5.6	0.3	0.3	-2.5	30	-32.5
60	5200	vf0	8.0	0.9	6.3	1.2	8.8	30	-21.2
60	5220	vf0	20.0	20.5	100.0	112.2	23.3	30	-6.7
80	5195	ve00	-11.0	-10.9	0.1	0.1	-7.9	30	-37.9
80	5200	ve00	-3.3	-3.5	0.5	0.4	-0.4	30	-30.4
80	5210	ve00	6.1	5.9	4.1	3.9	9.0	30	-21.0



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	
10	5160	vt0	6.7	6.6	4.6	4.6	9.6	30	-20.4
10	5200	vt0	18.5	18.4	70.8	69.2	21.5	30	-8.5
10	5245	vt0	18.0	18.2	63.1	66.1	21.1	30	-8.9
20	5165	vt0	-2.1	-2.9	0.6	0.5	0.5	30	-29.5
20	5200	vt0	20.7	20.9	117.5	123.0	23.8	30	-6.2
20	5240	vt0	20.5	21.0	112.2	125.9	23.8	30	-6.2
30	5170	vt0	-5.6	-4.8	0.3	0.3	-2.2	30	-32.2
30	5200	vt0	20.8	21.0	120.2	125.9	23.9	30	-6.1
30	5235	vt0	20.5	20.6	112.2	114.8	23.6	30	-6.4
40	5175	vf0	-6.3	-7.6	0.2	0.2	-3.9	30	-33.9
40	5200	vf0	18.2	18.7	66.1	74.1	21.5	30	-8.5
40	5230	vf0	20.4	20.3	109.6	107.2	23.4	30	-6.6
50	5180	vf0	-3.9	-5.0	0.4	0.3	-1.4	30	-31.4
50	5200	vf0	16.0	15.8	39.8	38.0	18.9	30	-11.1
50	5225	vf0	20.2	20.0	104.7	100.0	23.1	30	-6.9
60	5185	vf0	-5.4	-5.6	0.3	0.3	-2.5	30	-32.5
60	5200	vf0	8.0	0.9	6.3	1.2	8.8	30	-21.2
60	5220	vf0	20.0	20.5	100.0	112.2	23.3	30	-6.7
80	5195	ve00	-11.0	-10.9	0.1	0.1	-7.9	30	-37.9
80	5200	ve00	-3.3	-3.5	0.5	0.4	-0.4	30	-30.4
80	5210	ve00	6.1	5.9	4.1	3.9	9.0	30	-21.0



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	
10	5160	vt0	6.7	6.6	4.6	4.6	9.6	23	-13.4
10	5200	vt0	18.5	18.4	70.8	69.2	21.5	23	-1.5
10	5245	vt0	18.0	18.2	63.1	66.1	21.1	23	-1.9
20	5165	vt0	-2.1	-2.9	0.6	0.5	0.5	23	-22.5
20	5200	vt0	19.8	20.0	95.5	100.0	22.9	23	-0.1
20	5240	vt0	19.6	20.1	91.2	102.3	22.9	23	-0.1
30	5170	vt0	-5.6	-4.8	0.3	0.3	-2.2	23	-25.2
30	5200	vt0	19.8	20.0	95.5	100.0	22.9	23	-0.1
30	5235	vt0	19.9	20.0	97.7	100.0	23.0	23	0.0
40	5175	vf0	-6.3	-7.6	0.2	0.2	-3.9	23	-26.9
40	5200	vf0	18.2	18.7	66.1	74.1	21.5	23	-1.5
40	5230	vf0	19.9	19.8	97.7	95.5	22.9	23	-0.1
50	5180	vf0	-3.9	-5.0	0.4	0.3	-1.4	23	-24.4
50	5200	vf0	16.0	15.8	39.8	38.0	18.9	23	-4.1
50	5225	vf0	20.1	19.9	101.2	96.6	23.0	23	0.0
60	5185	vf0	-5.4	-5.6	0.3	0.3	-2.5	23	-25.5
60	5200	vf0	8.0	0.9	6.3	1.2	8.8	23	-14.2
60	5220	vf0	19.7	20.2	93.3	104.7	23.0	23	0.0
80	5195	ve00	-11.0	-10.9	0.1	0.1	-7.9	23	-30.9
80	5200	ve00	-3.3	-3.5	0.5	0.4	-0.4	23	-23.4
80	5210	ve00	6.1	5.9	4.1	3.9	9.0	23	-14.0



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	
10	5160	vt0	6.7	6.6	4.6	4.6	9.6	22	-12.4
10	5200	vt0	18.5	18.4	70.8	69.2	21.5	22	-0.5
10	5245	vt0	18.0	18.2	63.1	66.1	21.1	22	-0.9
20	5165	vt0	-2.1	-2.9	0.6	0.5	0.5	22	-21.5
20	5200	vt0	18.9	19.1	76.7	80.4	22.0	22	0.0
20	5240	vt0	18.7	19.2	74.1	83.2	22.0	22	0.0
30	5170	vt0	-5.6	-4.8	0.3	0.3	-2.2	22	-24.2
30	5200	vt0	18.9	19.1	77.3	80.9	22.0	22	0.0
30	5235	vt0	18.9	19.0	77.6	79.4	22.0	22	0.0
40	5175	vf0	-6.3	-7.6	0.2	0.2	-3.9	22	-25.9
40	5200	vf0	18.2	18.7	66.1	74.1	21.5	22	-0.5
40	5230	vf0	19.0	18.9	79.4	77.6	22.0	22	0.0
50	5180	vf0	-3.9	-5.0	0.4	0.3	-1.4	22	-23.4
50	5200	vf0	16.0	15.8	39.8	38.0	18.9	22	-3.1
50	5225	vf0	19.1	18.9	80.4	76.7	22.0	22	0.0
60	5185	vf0	-5.4	-5.6	0.3	0.3	-2.5	22	-24.5
60	5200	vf0	8.0	0.9	6.3	1.2	8.8	22	-13.2
60	5220	vf0	18.7	19.2	74.1	83.2	22.0	22	0.0
80	5195	ve00	-11.0	-10.9	0.1	0.1	-7.9	22	-29.9
80	5200	ve00	-3.3	-3.5	0.5	0.4	-0.4	22	-22.4
80	5210	ve00	6.1	5.9	4.1	3.9	9.0	22	-13.0