



Annex A

Output Power



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	5735	vt0	20.0	20.0	99.8	99.8	23.0	23	0.0
10	5800	vt0	21.1	18.6	127.6	71.9	23.0	23	0.0
10	5840	vt0	20.9	18.8	123.4	76.1	23.0	23	0.0
20	5740	vt0	20.3	19.7	106.3	93.2	23.0	23	0.0
20	5800	vt0	21.1	18.6	127.4	72.1	23.0	23	0.0
20	5835	vt0	21.0	18.7	125.7	73.8	23.0	23	0.0
30	5745	vt0	20.5	19.4	113.0	86.5	23.0	23	0.0
30	5800	vt0	21.0	18.6	126.4	73.1	23.0	23	0.0
30	5830	vt0	21.1	18.5	129.2	70.3	23.0	23	0.0
40	5750	vf0	20.5	19.5	111.2	88.3	23.0	23	0.0
40	5800	vf0	20.3	19.6	107.6	92.0	23.0	23	0.0
40	5825	vf0	20.1	19.8	103.4	96.1	23.0	23	0.0
50	5755	vf0	20.5	19.4	111.4	88.1	23.0	23	0.0
50	5800	vf0	20.3	19.7	106.8	92.8	23.0	23	0.0
50	5820	vf0	20.2	19.7	105.7	93.8	23.0	23	0.0
60	5760	vf0	20.5	19.4	112.8	86.7	23.0	23	0.0
60	5800	vf0	20.8	19.0	119.4	80.2	23.0	23	0.0
60	5815	vf0	20.3	19.7	107.2	92.3	23.0	23	0.0
80	5775	ve00	19.9	20.1	97.0	102.5	23.0	23	0.0
80	5800	ve00	20.2	19.7	105.8	93.7	23.0	23	0.0



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	5735	vt0	21.5	21.5	141.6	141.6	24.5	30	-5.5
10	5800	vt0	22.9	20.5	196.8	110.9	24.9	30	-5.1
10	5840	vt0	22.9	20.8	194.1	119.7	25.0	30	-5.0
20	5740	vt0	21.6	21.0	143.2	125.6	24.3	30	-5.7
20	5800	vt0	23.0	20.5	200.0	113.2	25.0	30	-5.0
20	5835	vt0	23.1	20.8	205.1	120.5	25.1	30	-4.9
30	5745	vt0	22.0	20.9	158.9	121.6	24.5	30	-5.5
30	5800	vt0	23.0	20.6	197.2	114.0	24.9	30	-5.1
30	5830	vt0	23.4	20.8	218.8	119.1	25.3	30	-4.7
40	5750	vf0	22.4	21.4	173.8	138.0	24.9	30	-5.1
40	5800	vf0	21.9	21.2	154.9	132.4	24.6	30	-5.4
40	5825	vf0	21.8	21.4	150.0	139.3	24.6	30	-5.4
50	5755	vf0	22.3	21.3	169.4	134.0	24.8	30	-5.2
50	5800	vf0	21.7	21.1	149.3	129.7	24.5	30	-5.5
50	5820	vf0	21.9	21.3	153.5	136.1	24.6	30	-5.4
60	5760	vf0	22.5	21.3	176.2	135.5	24.9	30	-5.1
60	5800	vf0	23.0	21.3	198.6	133.4	25.2	30	-4.8
60	5815	vf0	22.1	21.5	162.2	139.6	24.8	30	-5.2
80	5775	ve00	21.0	21.2	125.9	133.0	24.1	30	-5.9
80	5800	ve00	20.8	20.2	119.1	105.4	23.5	30	-6.5



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	5735	vt0	21.5	21.5	141.6	141.6	24.5	30	-5.5
10	5800	vt0	22.9	20.5	196.8	110.9	24.9	30	-5.1
10	5840	vt0	22.9	20.8	194.1	119.7	25.0	30	-5.0
20	5740	vt0	21.6	21.0	143.2	125.6	24.3	30	-5.7
20	5800	vt0	23.0	20.5	200.0	113.2	25.0	30	-5.0
20	5835	vt0	23.1	20.8	205.1	120.5	25.1	30	-4.9
30	5745	vt0	22.0	20.9	158.9	121.6	24.5	30	-5.5
30	5800	vt0	23.0	20.6	197.2	114.0	24.9	30	-5.1
30	5830	vt0	23.4	20.8	218.8	119.1	25.3	30	-4.7
40	5750	vf0	22.4	21.4	173.8	138.0	24.9	30	-5.1
40	5800	vf0	21.9	21.2	154.9	132.4	24.6	30	-5.4
40	5825	vf0	21.8	21.4	150.0	139.3	24.6	30	-5.4
50	5755	vf0	22.3	21.3	169.4	134.0	24.8	30	-5.2
50	5800	vf0	21.7	21.1	149.3	129.7	24.5	30	-5.5
50	5820	vf0	21.9	21.3	153.5	136.1	24.6	30	-5.4
60	5760	vf0	22.5	21.3	176.2	135.5	24.9	30	-5.1
60	5800	vf0	23.0	21.3	198.6	133.4	25.2	30	-4.8
60	5815	vf0	22.1	21.5	162.2	139.6	24.8	30	-5.2
80	5775	ve00	21.0	21.2	125.9	133.0	24.1	30	-5.9
80	5800	ve00	20.8	20.2	119.1	105.4	23.5	30	-6.5



17dBi 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	dB
10	5735	vt0	21.5	21.5	141.6	141.6	24.5	30	-5.5
10	5800	vt0	22.9	20.5	196.8	110.9	24.9	30	-5.1
10	5840	vt0	22.9	20.8	194.1	119.7	25.0	30	-5.0
20	5740	vt0	21.6	21.0	143.2	125.6	24.3	30	-5.7
20	5800	vt0	23.0	20.5	200.0	113.2	25.0	30	-5.0
20	5835	vt0	23.1	20.8	205.1	120.5	25.1	30	-4.9
30	5745	vt0	22.0	20.9	158.9	121.6	24.5	30	-5.5
30	5800	vt0	23.0	20.6	197.2	114.0	24.9	30	-5.1
30	5830	vt0	23.4	20.8	218.8	119.1	25.3	30	-4.7
40	5750	vf0	22.4	21.4	173.8	138.0	24.9	30	-5.1
40	5800	vf0	21.9	21.2	154.9	132.4	24.6	30	-5.4
40	5825	vf0	21.8	21.4	150.0	139.3	24.6	30	-5.4
50	5755	vf0	22.3	21.3	169.4	134.0	24.8	30	-5.2
50	5800	vf0	21.7	21.1	149.3	129.7	24.5	30	-5.5
50	5820	vf0	21.9	21.3	153.5	136.1	24.6	30	-5.4
60	5760	vf0	22.5	21.3	176.2	135.5	24.9	30	-5.1
60	5800	vf0	23.0	21.3	198.6	133.4	25.2	30	-4.8
60	5815	vf0	22.1	21.5	162.2	139.6	24.8	30	-5.2
80	5775	ve00	21.0	21.2	125.9	133.0	24.1	30	-5.9
80	5800	ve00	20.8	20.2	119.1	105.4	23.5	30	-6.5



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	5735	vt0	21.5	21.5	141.6	141.6	24.5	30	-5.5
10	5800	vt0	22.9	20.5	196.8	110.9	24.9	30	-5.1
10	5840	vt0	22.9	20.8	194.1	119.7	25.0	30	-5.0
20	5740	vt0	21.6	21.0	143.2	125.6	24.3	30	-5.7
20	5800	vt0	23.0	20.5	200.0	113.2	25.0	30	-5.0
20	5835	vt0	23.1	20.8	205.1	120.5	25.1	30	-4.9
30	5745	vt0	22.0	20.9	158.9	121.6	24.5	30	-5.5
30	5800	vt0	23.0	20.6	197.2	114.0	24.9	30	-5.1
30	5830	vt0	23.4	20.8	218.8	119.1	25.3	30	-4.7
40	5750	vf0	22.4	21.4	173.8	138.0	24.9	30	-5.1
40	5800	vf0	21.9	21.2	154.9	132.4	24.6	30	-5.4
40	5825	vf0	21.8	21.4	150.0	139.3	24.6	30	-5.4
50	5755	vf0	22.3	21.3	169.4	134.0	24.8	30	-5.2
50	5800	vf0	21.7	21.1	149.3	129.7	24.5	30	-5.5
50	5820	vf0	21.9	21.3	153.5	136.1	24.6	30	-5.4
60	5760	vf0	22.5	21.3	176.2	135.5	24.9	30	-5.1
60	5800	vf0	23.0	21.3	198.6	133.4	25.2	30	-4.8
60	5815	vf0	22.1	21.5	162.2	139.6	24.8	30	-5.2
80	5775	ve00	21.0	21.2	125.9	133.0	24.1	30	-5.9
80	5800	ve00	20.8	20.2	119.1	105.4	23.5	30	-6.5



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	5735	vt0	21.5	21.5	141.6	141.6	24.5	30	-5.5
10	5800	vt0	22.9	20.5	196.8	110.9	24.9	30	-5.1
10	5840	vt0	22.9	20.8	194.1	119.7	25.0	30	-5.0
20	5740	vt0	21.6	21.0	143.2	125.6	24.3	30	-5.7
20	5800	vt0	23.0	20.5	200.0	113.2	25.0	30	-5.0
20	5835	vt0	23.1	20.8	205.1	120.5	25.1	30	-4.9
30	5745	vt0	22.0	20.9	158.9	121.6	24.5	30	-5.5
30	5800	vt0	23.0	20.6	197.2	114.0	24.9	30	-5.1
30	5830	vt0	23.4	20.8	218.8	119.1	25.3	30	-4.7
40	5750	vf0	22.4	21.4	173.8	138.0	24.9	30	-5.1
40	5800	vf0	21.9	21.2	154.9	132.4	24.6	30	-5.4
40	5825	vf0	21.8	21.4	150.0	139.3	24.6	30	-5.4
50	5755	vf0	22.3	21.3	169.4	134.0	24.8	30	-5.2
50	5800	vf0	21.7	21.1	149.3	129.7	24.5	30	-5.5
50	5820	vf0	21.9	21.3	153.5	136.1	24.6	30	-5.4
60	5760	vf0	22.5	21.3	176.2	135.5	24.9	30	-5.1
60	5800	vf0	23.0	21.3	198.6	133.4	25.2	30	-4.8
60	5815	vf0	22.1	21.5	162.2	139.6	24.8	30	-5.2
80	5775	ve00	21.0	21.2	125.9	133.0	24.1	30	-5.9
80	5800	ve00	20.8	20.2	119.1	105.4	23.5	30	-6.5



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	5735	vt0	21.5	21.5	141.6	141.6	24.5	30	-5.5
10	5800	vt0	22.9	20.5	196.8	110.9	24.9	30	-5.1
10	5840	vt0	22.9	20.8	194.1	119.7	25.0	30	-5.0
20	5740	vt0	21.6	21.0	143.2	125.6	24.3	30	-5.7
20	5800	vt0	23.0	20.5	200.0	113.2	25.0	30	-5.0
20	5835	vt0	23.1	20.8	205.1	120.5	25.1	30	-4.9
30	5745	vt0	22.0	20.9	158.9	121.6	24.5	30	-5.5
30	5800	vt0	23.0	20.6	197.2	114.0	24.9	30	-5.1
30	5830	vt0	23.4	20.8	218.8	119.1	25.3	30	-4.7
40	5750	vf0	22.4	21.4	173.8	138.0	24.9	30	-5.1
40	5800	vf0	21.9	21.2	154.9	132.4	24.6	30	-5.4
40	5825	vf0	21.8	21.4	150.0	139.3	24.6	30	-5.4
50	5755	vf0	22.3	21.3	169.4	134.0	24.8	30	-5.2
50	5800	vf0	21.7	21.1	149.3	129.7	24.5	30	-5.5
50	5820	vf0	21.9	21.3	153.5	136.1	24.6	30	-5.4
60	5760	vf0	22.5	21.3	176.2	135.5	24.9	30	-5.1
60	5800	vf0	23.0	21.3	198.6	133.4	25.2	30	-4.8
60	5815	vf0	22.1	21.5	162.2	139.6	24.8	30	-5.2
80	5775	ve00	21.0	21.2	125.9	133.0	24.1	30	-5.9
80	5800	ve00	20.8	20.2	119.1	105.4	23.5	30	-6.5



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	5735	vt0	21.5	21.5	141.6	141.6	24.5	30	-5.5
10	5800	vt0	22.9	20.5	196.8	110.9	24.9	30	-5.1
10	5840	vt0	22.9	20.8	194.1	119.7	25.0	30	-5.0
20	5740	vt0	21.6	21.0	143.2	125.6	24.3	30	-5.7
20	5800	vt0	23.0	20.5	200.0	113.2	25.0	30	-5.0
20	5835	vt0	23.1	20.8	205.1	120.5	25.1	30	-4.9
30	5745	vt0	22.0	20.9	158.9	121.6	24.5	30	-5.5
30	5800	vt0	23.0	20.6	197.2	114.0	24.9	30	-5.1
30	5830	vt0	23.4	20.8	218.8	119.1	25.3	30	-4.7
40	5750	vf0	22.4	21.4	173.8	138.0	24.9	30	-5.1
40	5800	vf0	21.9	21.2	154.9	132.4	24.6	30	-5.4
40	5825	vf0	21.8	21.4	150.0	139.3	24.6	30	-5.4
50	5755	vf0	22.3	21.3	169.4	134.0	24.8	30	-5.2
50	5800	vf0	21.7	21.1	149.3	129.7	24.5	30	-5.5
50	5820	vf0	21.9	21.3	153.5	136.1	24.6	30	-5.4
60	5760	vf0	22.5	21.3	176.2	135.5	24.9	30	-5.1
60	5800	vf0	23.0	21.3	198.6	133.4	25.2	30	-4.8
60	5815	vf0	22.1	21.5	162.2	139.6	24.8	30	-5.2
80	5775	ve00	21.0	21.2	125.9	133.0	24.1	30	-5.9
80	5800	ve00	20.8	20.2	119.1	105.4	23.5	30	-6.5



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	5735	vt0	21.5	21.5	141.6	141.6	24.5	30	-5.5
10	5800	vt0	22.9	20.5	196.8	110.9	24.9	30	-5.1
10	5840	vt0	22.9	20.8	194.1	119.7	25.0	30	-5.0
20	5740	vt0	21.6	21.0	143.2	125.6	24.3	30	-5.7
20	5800	vt0	23.0	20.5	200.0	113.2	25.0	30	-5.0
20	5835	vt0	23.1	20.8	205.1	120.5	25.1	30	-4.9
30	5745	vt0	22.0	20.9	158.9	121.6	24.5	30	-5.5
30	5800	vt0	23.0	20.6	197.2	114.0	24.9	30	-5.1
30	5830	vt0	23.4	20.8	218.8	119.1	25.3	30	-4.7
40	5750	vf0	22.4	21.4	173.8	138.0	24.9	30	-5.1
40	5800	vf0	21.9	21.2	154.9	132.4	24.6	30	-5.4
40	5825	vf0	21.8	21.4	150.0	139.3	24.6	30	-5.4
50	5755	vf0	22.3	21.3	169.4	134.0	24.8	30	-5.2
50	5800	vf0	21.7	21.1	149.3	129.7	24.5	30	-5.5
50	5820	vf0	21.9	21.3	153.5	136.1	24.6	30	-5.4
60	5760	vf0	22.5	21.3	176.2	135.5	24.9	30	-5.1
60	5800	vf0	23.0	21.3	198.6	133.4	25.2	30	-4.8
60	5815	vf0	22.1	21.5	162.2	139.6	24.8	30	-5.2
80	5775	ve00	21.0	21.2	125.9	133.0	24.1	30	-5.9
80	5800	ve00	20.8	20.2	119.1	105.4	23.5	30	-6.5



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	5735	vt0	21.5	21.5	141.6	141.6	24.5	30	-5.5
10	5800	vt0	22.9	20.5	196.8	110.9	24.9	30	-5.1
10	5840	vt0	22.9	20.8	194.1	119.7	25.0	30	-5.0
20	5740	vt0	21.6	21.0	143.2	125.6	24.3	30	-5.7
20	5800	vt0	23.0	20.5	200.0	113.2	25.0	30	-5.0
20	5835	vt0	23.1	20.8	205.1	120.5	25.1	30	-4.9
30	5745	vt0	22.0	20.9	158.9	121.6	24.5	30	-5.5
30	5800	vt0	23.0	20.6	197.2	114.0	24.9	30	-5.1
30	5830	vt0	23.4	20.8	218.8	119.1	25.3	30	-4.7
40	5750	vf0	22.4	21.4	173.8	138.0	24.9	30	-5.1
40	5800	vf0	21.9	21.2	154.9	132.4	24.6	30	-5.4
40	5825	vf0	21.8	21.4	150.0	139.3	24.6	30	-5.4
50	5755	vf0	22.3	21.3	169.4	134.0	24.8	30	-5.2
50	5800	vf0	21.7	21.1	149.3	129.7	24.5	30	-5.5
50	5820	vf0	21.9	21.3	153.5	136.1	24.6	30	-5.4
60	5760	vf0	22.5	21.3	176.2	135.5	24.9	30	-5.1
60	5800	vf0	23.0	21.3	198.6	133.4	25.2	30	-4.8
60	5815	vf0	22.1	21.5	162.2	139.6	24.8	30	-5.2
80	5775	ve00	21.0	21.2	125.9	133.0	24.1	30	-5.9
80	5800	ve00	20.8	20.2	119.1	105.4	23.5	30	-6.5



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	5735	vt0	21.5	21.5	141.6	141.6	24.5	30	-5.5
10	5800	vt0	22.9	20.5	196.8	110.9	24.9	30	-5.1
10	5840	vt0	22.9	20.8	194.1	119.7	25.0	30	-5.0
20	5740	vt0	21.6	21.0	143.2	125.6	24.3	30	-5.7
20	5800	vt0	23.0	20.5	200.0	113.2	25.0	30	-5.0
20	5835	vt0	23.1	20.8	205.1	120.5	25.1	30	-4.9
30	5745	vt0	22.0	20.9	158.9	121.6	24.5	30	-5.5
30	5800	vt0	23.0	20.6	197.2	114.0	24.9	30	-5.1
30	5830	vt0	23.4	20.8	218.8	119.1	25.3	30	-4.7
40	5750	vf0	22.4	21.4	173.8	138.0	24.9	30	-5.1
40	5800	vf0	21.9	21.2	154.9	132.4	24.6	30	-5.4
40	5825	vf0	21.8	21.4	150.0	139.3	24.6	30	-5.4
50	5755	vf0	22.3	21.3	169.4	134.0	24.8	30	-5.2
50	5800	vf0	21.7	21.1	149.3	129.7	24.5	30	-5.5
50	5820	vf0	21.9	21.3	153.5	136.1	24.6	30	-5.4
60	5760	vf0	22.5	21.3	176.2	135.5	24.9	30	-5.1
60	5800	vf0	23.0	21.3	198.6	133.4	25.2	30	-4.8
60	5815	vf0	22.1	21.5	162.2	139.6	24.8	30	-5.2
80	5775	ve00	21.0	21.2	125.9	133.0	24.1	30	-5.9
80	5800	ve00	20.8	20.2	119.1	105.4	23.5	30	-6.5