

Annex A

Updated Power Tables



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	5735	vt0	20.4	19.0	109.6	79.4	22.8	23	-0.2
10	5800	vt0	20.0	19.8	100.0	95.5	22.9	23	-0.1
10	5840	vt0	20.1	19.7	102.3	93.3	22.9	23	-0.1
20	5740	vt0	16.1	17.2	40.7	52.0	19.7	23	-3.3
20	5800	vt0	20.0	19.9	100.0	97.7	23.0	23	0.0
20	5835	vt0	16.5	16.5	44.7	44.2	19.5	23	-3.5
30	5745	vt0	13.5	13.6	22.4	22.9	16.6	23	-6.4
30	5800	vt0	20.5	19.4	112.2	87.1	23.0	23	0.0
30	5830	vt0	14.4	15.3	27.2	33.7	17.8	23	-5.2
40	5750	vf0	11.6	10.4	14.5	11.0	14.1	23	-8.9
40	5800	vf0	20.7	18.2	116.7	66.2	22.6	23	-0.4
40	5825	vf0	13.3	11.8	21.4	15.1	15.6	23	-7.4
50	5755	vf0	12.2	12.1	16.6	16.2	15.2	23	-7.8
50	5800	vf0	19.6	17.2	92.0	52.5	21.6	23	-1.4
50	5820	vf0	13.5	11.8	22.4	15.1	15.7	23	-7.3
60	5760	vf0	11.0	10.8	12.6	11.9	13.9	23	-9.1
60	5800	vf0	19.8	17.5	95.9	56.5	21.8	23	-1.2
60	5815	vf0	9.9	9.9	9.8	9.8	12.9	23	-10.1
80	5770	ve00	7.5	7.5	5.6	5.6	10.5	23	-12.5
80	5810	ve00	5.8	5.6	3.8	3.6	8.7	23	-14.3



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	5735	vt0	15.5	15.5	35.5	35.5	18.5	30	-11.5
10	5800	vt0	18.8	18.8	75.0	75.0	21.8	30	-8.2
10	5840	vt0	14.8	14.8	29.9	29.9	17.8	30	-12.2
20	5740	vt0	11.0	11.0	12.6	12.6	14.0	30	-16.0
20	5800	vt0	19.0	19.0	79.4	79.4	22.0	30	-8.0
20	5835	vt0	11.3	11.3	13.3	13.3	14.3	30	-15.7
30	5745	vt0	8.0	8.0	6.3	6.3	11.0	30	-19.0
30	5800	vt0	18.0	18.0	63.1	63.1	21.0	30	-9.0
30	5830	vt0	8.0	8.0	6.3	6.3	11.0	30	-19.0
40	5750	vf0	6.5	6.5	4.5	4.5	9.5	30	-20.5
40	5800	vf0	17.8	17.8	59.6	59.6	20.8	30	-9.2
40	5825	vf0	8.3	8.3	6.7	6.7	11.3	30	-18.7
50	5755	vf0	7.3	7.3	5.3	5.3	10.3	30	-19.7
50	5800	vf0	16.0	16.0	39.8	39.8	19.0	30	-11.0
50	5820	vf0	8.3	8.3	6.7	6.7	11.3	30	-18.7
60	5760	vf0	4.8	4.8	3.0	3.0	7.8	30	-22.2
60	5800	vf0	15.0	15.0	31.6	31.6	18.0	30	-12.0
60	5815	vf0	7.0	7.0	5.0	5.0	10.0	30	-20.0
80	5770	ve00	4.3	4.3	2.7	2.7	7.3	30	-22.7
80	5800	ve00	8.8	8.8	7.5	7.5	11.8	30	-18.2
80	5810	ve00	3.0	3.0	2.0	2.0	6.0	30	-24.0



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	5735	vt0	14.8	14.8	29.9	29.9	17.8	30	-12.2
10	5800	vt0	18.5	18.5	71.5	71.5	21.6	30	-8.4
10	5840	vt0	14.0	14.0	25.4	25.4	17.1	30	-12.9
20	5740	vt0	10.0	10.0	10.0	10.0	13.0	30	-17.0
20	5800	vt0	18.8	18.8	76.4	76.4	21.8	30	-8.2
20	5835	vt0	10.3	10.3	10.7	10.7	13.3	30	-16.7
30	5745	vt0	7.0	7.0	5.0	5.0	10.0	30	-20.0
30	5800	vt0	17.8	17.8	60.7	60.7	20.8	30	-9.2
30	5830	vt0	6.8	6.8	4.8	4.8	9.8	30	-20.2
40	5750	vf0	5.3	5.3	3.3	3.3	8.3	30	-21.7
40	5800	vf0	17.5	17.5	56.8	56.8	20.6	30	-9.4
40	5825	vf0	7.1	7.1	5.2	5.2	10.1	30	-19.9
50	5755	vf0	6.1	6.1	4.1	4.1	9.1	30	-20.9
50	5800	vf0	15.7	15.7	36.9	36.9	18.7	30	-11.3
50	5820	vf0	7.1	7.1	5.2	5.2	10.1	30	-19.9
60	5760	vf0	3.7	3.7	2.3	2.3	6.7	30	-23.3
60	5800	vf0	14.5	14.5	28.2	28.2	17.5	30	-12.5
60	5815	vf0	6.0	6.0	4.0	4.0	9.0	30	-21.0
80	5770	ve00	3.1	3.1	2.1	2.1	6.1	30	-23.9
80	5800	ve00	8.4	8.4	6.9	6.9	11.4	30	-18.6
80	5810	ve00	2.0	2.0	1.6	1.6	5.0	30	-25.0



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	5735	vt0	14.8	14.8	29.9	29.9	17.8	30	-12.2
10	5800	vt0	18.5	18.5	71.5	71.5	21.6	30	-8.4
10	5840	vt0	14.0	14.0	25.4	25.4	17.1	30	-12.9
20	5740	vt0	10.0	10.0	10.0	10.0	13.0	30	-17.0
20	5800	vt0	18.8	18.8	76.4	76.4	21.8	30	-8.2
20	5835	vt0	10.3	10.3	10.7	10.7	13.3	30	-16.7
30	5745	vt0	7.0	7.0	5.0	5.0	10.0	30	-20.0
30	5800	vt0	17.8	17.8	60.7	60.7	20.8	30	-9.2
30	5830	vt0	6.8	6.8	4.8	4.8	9.8	30	-20.2
40	5750	vf0	5.3	5.3	3.3	3.3	8.3	30	-21.7
40	5800	vf0	17.5	17.5	56.8	56.8	20.6	30	-9.4
40	5825	vf0	7.1	7.1	5.2	5.2	10.1	30	-19.9
50	5755	vf0	6.1	6.1	4.1	4.1	9.1	30	-20.9
50	5800	vf0	15.7	15.7	36.9	36.9	18.7	30	-11.3
50	5820	vf0	7.1	7.1	5.2	5.2	10.1	30	-19.9
60	5760	vf0	3.7	3.7	2.3	2.3	6.7	30	-23.3
60	5800	vf0	14.5	14.5	28.2	28.2	17.5	30	-12.5
60	5815	vf0	6.0	6.0	4.0	4.0	9.0	30	-21.0
80	5770	ve00	3.1	3.1	2.1	2.1	6.1	30	-23.9
80	5800	ve00	8.4	8.4	6.9	6.9	11.4	30	-18.6
80	5810	ve00	2.0	2.0	1.6	1.6	5.0	30	-25.0



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	5735	vt0	14.0	14.0	25.1	25.1	17.0	30	-13.0
10	5800	vt0	18.3	18.3	68.1	68.1	21.3	30	-8.7
10	5840	vt0	13.3	13.3	21.5	21.5	16.3	30	-13.7
20	5740	vt0	9.0	9.0	7.9	7.9	12.0	30	-18.0
20	5800	vt0	18.7	18.7	73.6	73.6	21.7	30	-8.3
20	5835	vt0	9.3	9.3	8.6	8.6	12.3	30	-17.7
30	5745	vt0	6.0	6.0	4.0	4.0	9.0	30	-21.0
30	5800	vt0	17.7	17.7	58.4	58.4	20.7	30	-9.3
30	5830	vt0	5.7	5.7	3.7	3.7	8.7	30	-21.3
40	5750	vf0	4.0	4.0	2.5	2.5	7.0	30	-23.0
40	5800	vf0	17.3	17.3	54.1	54.1	20.3	30	-9.7
40	5825	vf0	6.0	6.0	4.0	4.0	9.0	30	-21.0
50	5755	vf0	5.0	5.0	3.2	3.2	8.0	30	-22.0
50	5800	vf0	15.3	15.3	34.1	34.1	18.3	30	-11.7
50	5820	vf0	6.0	6.0	4.0	4.0	9.0	30	-21.0
60	5760	vf0	2.7	2.7	1.8	1.8	5.7	30	-24.3
60	5800	vf0	14.0	14.0	25.1	25.1	17.0	30	-13.0
60	5815	vf0	5.0	5.0	3.2	3.2	8.0	30	-22.0
80	5770	ve00	2.0	2.0	1.6	1.6	5.0	30	-25.0
80	5800	ve00	8.0	8.0	6.3	6.3	11.0	30	-19.0
80	5810	ve00	1.0	1.0	1.3	1.3	4.0	30	-26.0



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	5735	vt0	12.5	12.5	17.8	17.8	15.5	30	-14.5
10	5800	vt0	17.9	17.9	61.9	61.9	20.9	30	-9.1
10	5840	vt0	11.9	11.9	15.5	15.5	14.9	30	-15.1
20	5740	vt0	7.0	7.0	5.0	5.0	10.0	30	-20.0
20	5800	vt0	18.3	18.3	68.1	68.1	21.3	30	-8.7
20	5835	vt0	7.4	7.4	5.5	5.5	10.4	30	-19.6
30	5745	vt0	4.0	4.0	2.5	2.5	7.0	30	-23.0
30	5800	vt0	17.3	17.3	54.1	54.1	20.3	30	-9.7
30	5830	vt0	3.3	3.3	2.2	2.2	6.3	30	-23.7
40	5750	vf0	1.5	1.5	1.4	1.4	4.5	30	-25.5
40	5800	vf0	16.9	16.9	49.2	49.2	19.9	30	-10.1
40	5825	vf0	3.8	3.8	2.4	2.4	6.8	30	-23.2
50	5755	vf0	2.8	2.8	1.9	1.9	5.8	30	-24.2
50	5800	vf0	14.7	14.7	29.3	29.3	17.7	30	-12.3
50	5820	vf0	3.8	3.8	2.4	2.4	6.8	30	-23.2
60	5760	vf0	0.6	0.6	1.1	1.1	3.6	30	-26.4
60	5800	vf0	13.0	13.0	20.0	20.0	16.0	30	-14.0
60	5815	vf0	3.0	3.0	2.0	2.0	6.0	30	-24.0
80	5770	ve00	-0.3	-0.3	0.9	0.9	2.8	30	-27.2
80	5800	ve00	7.3	7.3	5.3	5.3	10.3	30	-19.7
80	5810	ve00	-1.0	-1.0	0.8	0.8	2.0	30	-28.0



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	5735	vt0	11.8	11.8	15.0	15.0	14.8	30	-15.2
10	5800	vt0	17.7	17.7	59.0	59.0	20.7	30	-9.3
10	5840	vt0	11.2	11.2	13.2	13.2	14.2	30	-15.8
20	5740	vt0	6.0	6.0	4.0	4.0	9.0	30	-21.0
20	5800	vt0	18.2	18.2	65.6	65.6	21.2	30	-8.8
20	5835	vt0	6.5	6.5	4.4	4.4	9.5	30	-20.5
30	5745	vt0	3.0	3.0	2.0	2.0	6.0	30	-24.0
30	5800	vt0	17.2	17.2	52.1	52.1	20.2	30	-9.8
30	5830	vt0	2.2	2.2	1.6	1.6	5.2	30	-24.8
40	5750	vf0	0.3	0.3	1.1	1.1	3.3	30	-26.7
40	5800	vf0	16.7	16.7	46.9	46.9	19.7	30	-10.3
40	5825	vf0	2.6	2.6	1.8	1.8	5.6	30	-24.4
50	5755	vf0	1.6	1.6	1.5	1.5	4.6	30	-25.4
50	5800	vf0	14.3	14.3	27.1	27.1	17.3	30	-12.7
50	5820	vf0	2.6	2.6	1.8	1.8	5.6	30	-24.4
60	5760	vf0	-0.5	-0.5	0.9	0.9	2.6	30	-27.4
60	5800	vf0	12.5	12.5	17.8	17.8	15.5	30	-14.5
60	5815	vf0	2.0	2.0	1.6	1.6	5.0	30	-25.0
80	5770	ve00	-1.4	-1.4	0.7	0.7	1.6	30	-28.4
80	5800	ve00	6.9	6.9	4.9	4.9	9.9	30	-20.1
80	5810	ve00	-2.0	-2.0	0.6	0.6	1.0	30	-29.0



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	5735	vt0	11.8	11.8	15.0	15.0	14.8	30	-15.2
10	5800	vt0	17.7	17.7	59.0	59.0	20.7	30	-9.3
10	5840	vt0	11.2	11.2	13.2	13.2	14.2	30	-15.8
20	5740	vt0	6.0	6.0	4.0	4.0	9.0	30	-21.0
20	5800	vt0	18.2	18.2	65.6	65.6	21.2	30	-8.8
20	5835	vt0	6.5	6.5	4.4	4.4	9.5	30	-20.5
30	5745	vt0	3.0	3.0	2.0	2.0	6.0	30	-24.0
30	5800	vt0	17.2	17.2	52.1	52.1	20.2	30	-9.8
30	5830	vt0	2.2	2.2	1.6	1.6	5.2	30	-24.8
40	5750	vf0	0.3	0.3	1.1	1.1	3.3	30	-26.7
40	5800	vf0	16.7	16.7	46.9	46.9	19.7	30	-10.3
40	5825	vf0	2.6	2.6	1.8	1.8	5.6	30	-24.4
50	5755	vf0	1.6	1.6	1.5	1.5	4.6	30	-25.4
50	5800	vf0	14.3	14.3	27.1	27.1	17.3	30	-12.7
50	5820	vf0	2.6	2.6	1.8	1.8	5.6	30	-24.4
60	5760	vf0	-0.5	-0.5	0.9	0.9	2.6	30	-27.4
60	5800	vf0	12.5	12.5	17.8	17.8	15.5	30	-14.5
60	5815	vf0	2.0	2.0	1.6	1.6	5.0	30	-25.0
80	5770	ve00	-1.4	-1.4	0.7	0.7	1.6	30	-28.4
80	5800	ve00	6.9	6.9	4.9	4.9	9.9	30	-20.1
80	5810	ve00	-2.0	-2.0	0.6	0.6	1.0	30	-29.0



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	5735	vt0	11.0	11.0	12.6	12.6	14.0	30	-16.0
10	5800	vt0	17.5	17.5	56.2	56.2	20.5	30	-9.5
10	5840	vt0	10.5	10.5	11.2	11.2	13.5	30	-16.5
20	5740	vt0	5.0	5.0	3.2	3.2	8.0	30	-22.0
20	5800	vt0	18.0	18.0	63.1	63.1	21.0	30	-9.0
20	5835	vt0	5.5	5.5	3.5	3.5	8.5	30	-21.5
30	5745	vt0	2.0	2.0	1.6	1.6	5.0	30	-25.0
30	5800	vt0	17.0	17.0	50.1	50.1	20.0	30	-10.0
30	5830	vt0	1.0	1.0	1.3	1.3	4.0	30	-26.0
40	5750	vf0	-1.0	-1.0	0.8	0.8	2.0	30	-28.0
40	5800	vf0	16.5	16.5	44.7	44.7	19.5	30	-10.5
40	5825	vf0	1.5	1.5	1.4	1.4	4.5	30	-25.5
50	5755	vf0	0.5	0.5	1.1	1.1	3.5	30	-26.5
50	5800	vf0	14.0	14.0	25.1	25.1	17.0	30	-13.0
50	5820	vf0	1.5	1.5	1.4	1.4	4.5	30	-25.5
60	5760	vf0	-1.5	-1.5	0.7	0.7	1.5	30	-28.5
60	5800	vf0	12.0	12.0	15.8	15.8	15.0	30	-15.0
60	5815	vf0	1.0	1.0	1.3	1.3	4.0	30	-26.0
80	5770	ve00	-2.5	-2.5	0.6	0.6	0.5	30	-29.5
80	5800	ve00	6.5	6.5	4.5	4.5	9.5	30	-20.5
80	5810	ve00	-3.0	-3.0	0.5	0.5	0.0	30	-30.0



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	5735	vt0	5.0	5.0	3.2	3.2	8.0	30	-22.0
10	5800	vt0	15.8	15.8	38.3	38.3	18.8	30	-11.2
10	5840	vt0	4.8	4.8	3.0	3.0	7.8	30	-22.2
20	5740	vt0	-3.0	-3.0	0.5	0.5	0.0	30	-30.0
20	5800	vt0	16.7	16.7	46.4	46.4	19.7	30	-10.3
20	5835	vt0	-2.2	-2.2	0.6	0.6	0.8	30	-29.2
30	5745	vt0	-6.0	-6.0	0.3	0.3	-3.0	30	-33.0
30	5800	vt0	15.7	15.7	36.9	36.9	18.7	30	-11.3
30	5830	vt0	-8.3	-8.3	0.1	0.1	-5.3	30	-35.3
40	5750	vf0	-11.0	-11.0	0.1	0.1	-8.0	30	-38.0
40	5800	vf0	14.8	14.8	30.4	30.4	17.8	30	-12.2
40	5825	vf0	-7.5	-7.5	0.2	0.2	-4.5	30	-34.5
50	5755	vf0	-8.5	-8.5	0.1	0.1	-5.5	30	-35.5
50	5800	vf0	11.3	11.3	13.6	13.6	14.3	30	-15.7
50	5820	vf0	-7.5	-7.5	0.2	0.2	-4.5	30	-34.5
60	5760	vf0	-9.8	-9.8	0.1	0.1	-6.8	30	-36.8
60	5800	vf0	8.0	8.0	6.3	6.3	11.0	30	-19.0
60	5815	vf0	-7.0	-7.0	0.2	0.2	-4.0	30	-34.0
80	5770	ve00	-11.5	-11.5	0.1	0.1	-8.5	30	-38.5
80	5800	ve00	3.5	3.5	2.2	2.2	6.5	30	-23.5
80	5810	ve00	-11.0	-11.0	0.1	0.1	-8.0	30	-38.0



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	5735	vt0	4.3	4.3	2.7	2.7	7.3	30	-22.7
10	5800	vt0	15.6	15.6	36.5	36.5	18.6	30	-11.4
10	5840	vt0	4.1	4.1	2.6	2.6	7.1	30	-22.9
20	5740	vt0	-4.0	-4.0	0.4	0.4	-1.0	30	-31.0
20	5800	vt0	16.5	16.5	44.7	44.7	19.5	30	-10.5
20	5835	vt0	-3.1	-3.1	0.5	0.5	-0.1	30	-30.1
30	5745	vt0	-7.0	-7.0	0.2	0.2	-4.0	30	-34.0
30	5800	vt0	15.5	15.5	35.5	35.5	18.5	30	-11.5
30	5830	vt0	-9.5	-9.5	0.1	0.1	-6.5	30	-36.5
40	5750	vf0	-12.3	-12.3	0.1	0.1	-9.2	30	-39.2
40	5800	vf0	14.6	14.6	29.0	29.0	17.6	30	-12.4
40	5825	vf0	-8.6	-8.6	0.1	0.1	-5.6	30	-35.6
50	5755	vf0	-9.6	-9.6	0.1	0.1	-6.6	30	-36.6
50	5800	vf0	11.0	11.0	12.6	12.6	14.0	30	-16.0
50	5820	vf0	-8.6	-8.6	0.1	0.1	-5.6	30	-35.6
60	5760	vf0	-10.9	-10.9	0.1	0.1	-7.9	30	-37.9
60	5800	vf0	7.5	7.5	5.6	5.6	10.5	30	-19.5
60	5815	vf0	-8.0	-8.0	0.2	0.2	-5.0	30	-35.0
80	5770	ve00	-12.6	-12.6	0.1	0.1	-9.6	30	-39.6
80	5800	ve00	3.1	3.1	2.1	2.1	6.1	30	-23.9
80	5810	ve00	-12.0	-12.0	0.1	0.1	-9.0	30	-39.0



RD-5G34

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	5735	vt0	2.0	2.0	1.6	1.6	5.0	30	-25.0
10	5800	vt0	12.3	12.3	17.0	17.0	15.3	30	-14.7
10	5840	vt0	2.0	2.0	1.6	1.6	5.0	30	-25.0
20	5740	vt0	-7.0	-7.0	0.2	0.2	-4.0	30	-34.0
20	5800	vt0	12.1	12.1	16.4	16.4	15.2	30	-14.8
20	5835	vt0	-6.0	-6.0	0.3	0.3	-3.0	30	-33.0
30	5745	vt0	-10.0	-10.0	0.1	0.1	-7.0	30	-37.0
30	5800	vt0	11.0	11.0	12.7	12.7	14.1	30	-15.9
30	5830	vt0	-3.0	-3.0	0.5	0.5	0.0	30	-30.0
40	5750	vf0	-16.0	-16.0	0.0	0.0	-13.0	30	-43.0
40	5800	vf0	10.9	10.9	12.3	12.3	13.9	30	-16.1
40	5825	vf0	-12.0	-12.0	0.1	0.1	-9.0	30	-39.0
50	5755	vf0	-13.0	-13.0	0.1	0.1	-10.0	30	-40.0
50	5800	vf0	8.5	8.5	7.0	7.0	11.5	30	-18.5
50	5820	vf0	-12.0	-12.0	0.1	0.1	-9.0	30	-39.0
60	5760	vf0	-14.0	-14.0	0.0	0.0	-11.0	30	-41.0
60	5800	vf0	6.0	6.0	4.0	4.0	9.0	30	-21.0
60	5815	vf0	-11.0	-11.0	0.1	0.1	-8.0	30	-38.0
80	5770	ve00	-16.0	-16.0	0.0	0.0	-13.0	30	-43.0
80	5800	ve00	3.5	3.5	2.2	2.2	6.5	30	-23.5
80	5810	ve00	-3.0	-3.0	0.5	0.5	0.0	30	-30.0