Annex A

Output Power

Output Power for 6 dBi OMNI Antenna										
Bandwidth	**Test Frequency**	**Data Rate**	**TP**	**J7 Level**	**J13 Level**	**J7 Level**	**J8 Level**	**Combined output power**	**Limit**	**Margin**
MHz	**MHz**			**dBm**	**dBm**	**mW**	**mW**	**dBm**	**dBm**	**dB**
10	5735	vt0	19	20.1	20.8	102.3	120.2	23.5	30	-6.5
10	5790	vt0	20	20.7	21.3	117.5	134.9	24.0	30	-6.0
10	5840	vt0	18	18.9	19.7	77.6	93.3	22.3	30	-7.7
20	5740	vt0	18	19.3	20	85.1	100.0	22.7	30	-7.3
20	5790	vt0	20	20.9	21.4	123.0	138.0	24.2	30	-5.8
20	5835	vt0	17	18.3	19.1	67.6	81.3	21.7	30	-8.3
30	5745	vt0	17	18.3	19.1	67.6	81.3	21.7	30	-8.3
30	5790	vt0	20	20.8	21.7	120.2	147.9	24.3	30	-5.7
30	5830	vt0	15	16.2	17.1	41.7	51.3	19.7	30	-10.3
40	5750	vf0	16	15.7	17.2	37.2	52.5	19.5	30	-10.5
40	5790	vf0	20	20.3	20.7	107.2	117.5	23.5	30	-6.5
40	5825	vf0	17	17.9	16.8	61.7	47.9	20.4	30	-9.6
50	5755	vf0	16	15.8	17.4	38.0	55.0	19.7	30	-10.3
50	5790	vf0	17	17.7	18.2	58.9	66.1	21.0	30	-9.0
50	5820	vf0	16	17.2	16.1	52.5	40.7	19.7	30	-10.3
60	5760	vf0	14	14.2	15.6	26.3	36.3	18.0	30	-12.0
60	5790	vf0	16	17	17.3	50.1	53.7	20.2	30	-9.8
60	5815	vf0	15	16	15.4	39.8	34.7	18.7	30	-11.3
80	5770	ve00	12	11	13.3	12.6	21.4	15.3	30	-14.7
80	5790	ve00	15	15.6	15.9	36.3	38.9	18.8	30	-11.2
80	5805	ve00	14	14.8	14.5	30.2	28.2	17.7	30	-12.3
80	5810	ve00	14	15.5	14.9	35.5	30.9	18.2	30	-11.8

Output Power for 22 dBi PtoP Antenna									
Bandwidth	**Test Frequency**	**Data Rate**	**J7 Level**	**J13 Level**	**J7 Level**	**J8 Level**	**Combined output power**	**Limit**	**Margin**
MHz	**MHz**		**dBm**	**dBm**	**mW**	**mW**	**dBm**	**dBm**	**dB**
10	5735	vt0	4.1	4.8	2.6	3.0	7.5	30	-22.5
10	5790	vt0	4.7	5.3	3.0	3.4	8.0	30	-22.0
10	5840	vt0	2.9	3.7	1.9	2.3	6.3	30	-23.7
20	5740	vt0	3.3	4	2.1	2.5	6.7	30	-23.3
20	5790	vt0	4.9	5.4	3.1	3.5	8.2	30	-21.8
20	5835	vt0	2.3	3.1	1.7	2.0	5.7	30	-24.3
30	5745	vt0	2.3	3.1	1.7	2.0	5.7	30	-24.3
30	5790	vt0	4.8	5.7	3.0	3.7	8.3	30	-21.7
30	5830	vt0	0.2	1.1	1.0	1.3	3.7	30	-26.3
40	5750	vf0	-0.3	1.2	0.9	1.3	3.5	30	-26.5
40	5790	vf0	4.3	4.7	2.7	3.0	7.5	30	-22.5
40	5825	vf0	1.9	0.8	1.5	1.2	4.4	30	-25.6
50	5755	vf0	-0.2	1.4	1.0	1.4	3.7	30	-26.3
50	5790	vf0	1.7	2.2	1.5	1.7	5.0	30	-25.0
50	5820	vf0	1.2	0.1	1.3	1.0	3.7	30	-26.3
60	5760	vf0	-1.8	-0.4	0.7	0.9	2.0	30	-28.0
60	5790	vf0	1	1.3	1.3	1.3	4.2	30	-25.8
60	5815	vf0	0	-0.6	1.0	0.9	2.7	30	-27.3
80	5770	ve00	-5	-2.7	0.3	0.5	-0.7	30	-30.7
80	5790	ve00	-0.4	-0.1	0.9	1.0	2.8	30	-27.2
80	5805	ve00	-1.2	-1.5	0.8	0.7	1.7	30	-28.3
80	5810	ve00	-0.5	-1.1	0.9	0.8	2.2	30	-27.8

Output Power for 25 dBi PtoP Antenna									
Bandwidth	**Test Frequency**	**Data Rate**	**J7 Level**	**J13 Level**	**J7 Level**	**J8 Level**	**Combined output power**	**Limit**	**Margin**
MHz	**MHz**		**dBm**	**dBm**	**mW**	**mW**	**dBm**	**dBm**	**dB**
10	5735	vt0	1.1	1.8	1.3	1.5	4.5	30	-25.5
10	5790	vt0	1.7	2.3	1.5	1.7	5.0	30	-25.0
10	5840	vt0	-0.1	0.7	1.0	1.2	3.3	30	-26.7
20	5740	vt0	0.3	1	1.1	1.3	3.7	30	-26.3
20	5790	vt0	1.9	2.4	1.5	1.7	5.2	30	-24.8
20	5835	vt0	-0.7	0.1	0.9	1.0	2.7	30	-27.3
30	5745	vt0	-0.7	0.1	0.9	1.0	2.7	30	-27.3
30	5790	vt0	1.8	2.7	1.5	1.9	5.3	30	-24.7
30	5830	vt0	-2.8	-1.9	0.5	0.6	0.7	30	-29.3
40	5750	vf0	-3.3	-1.8	0.5	0.7	0.5	30	-29.5
40	5790	vf0	1.3	1.7	1.3	1.5	4.5	30	-25.5
40	5825	vf0	-1.1	-2.2	0.8	0.6	1.4	30	-28.6
50	5755	vf0	-3.2	-1.6	0.5	0.7	0.7	30	-29.3
50	5790	vf0	-1.3	-0.8	0.7	0.8	2.0	30	-28.0
50	5820	vf0	-1.8	-2.9	0.7	0.5	0.7	30	-29.3
60	5760	vf0	-4.8	-3.4	0.3	0.5	-1.0	30	-31.0
60	5790	vf0	-2	-1.7	0.6	0.7	1.2	30	-28.8
60	5815	vf0	-3	-3.6	0.5	0.4	-0.3	30	-30.3
80	5770	ve00	-8	-5.7	0.2	0.3	-3.7	30	-33.7
80	5790	ve00	-3.4	-3.1	0.5	0.5	-0.2	30	-30.2
80	5805	ve00	-4.2	-4.5	0.4	0.4	-1.3	30	-31.3
80	5810	ve00	-3.5	-4.1	0.4	0.4	-0.8	30	-30.8

Output Power for 28 dBi PtoP Antenna									
Bandwidth	**Test Frequency**	**Data Rate**	**J7 Level**	**J13 Level**	**J7 Level**	**J8 Level**	**Combined output power**	**Limit**	**Margin**
MHz	**MHz**		**dBm**	**dBm**	**mW**	**mW**	**dBm**	**dBm**	**dB**
10	5735	vt0	-1.9	-1.2	0.6	0.8	1.5	30	-28.5
10	5790	vt0	-1.3	-0.7	0.7	0.9	2.0	30	-28.0
10	5840	vt0	-3.1	-2.3	0.5	0.6	0.3	30	-29.7
20	5740	vt0	-2.7	-2	0.5	0.6	0.7	30	-29.3
20	5790	vt0	-1.1	-0.6	0.8	0.9	2.2	30	-27.8
20	5835	vt0	-3.7	-2.9	0.4	0.5	-0.3	30	-30.3
30	5745	vt0	-3.7	-2.9	0.4	0.5	-0.3	30	-30.3
30	5790	vt0	-1.2	-0.3	0.8	0.9	2.3	30	-27.7
30	5830	vt0	-5.8	-4.9	0.3	0.3	-2.3	30	-32.3
40	5750	vf0	-6.3	-4.8	0.2	0.3	-2.5	30	-32.5
40	5790	vf0	-1.7	-1.3	0.7	0.7	1.5	30	-28.5
40	5825	vf0	-4.1	-5.2	0.4	0.3	-1.6	30	-31.6
50	5755	vf0	-6.2	-4.6	0.2	0.3	-2.3	30	-32.3
50	5790	vf0	-4.3	-3.8	0.4	0.4	-1.0	30	-31.0
50	5820	vf0	-4.8	-5.9	0.3	0.3	-2.3	30	-32.3
60	5760	vf0	-7.8	-6.4	0.2	0.2	-4.0	30	-34.0
60	5790	vf0	-5	-4.7	0.3	0.3	-1.8	30	-31.8
60	5815	vf0	-6	-6.6	0.3	0.2	-3.3	30	-33.3
80	5770	ve00	-11	-8.7	0.1	0.1	-6.7	30	-36.7
80	5790	ve00	-6.4	-6.1	0.2	0.2	-3.2	30	-33.2
80	5805	ve00	-7.2	-7.5	0.2	0.2	-4.3	30	-34.3
80	5810	ve00	-6.5	-7.1	0.2	0.2	-3.8	30	-33.8

Output Power for 30 dBi PtoMP Antenna									
Bandwidth	**Test Frequency**	**Data Rate**	**J7 Level**	**J13 Level**	**J7 Level**	**J8 Level**	**Combined output power**	**Limit**	**Margin**
MHz	**MHz**		**dBm**	**dBm**	**mW**	**mW**	**dBm**	**dBm**	**dB**
10	5735	vt0	-3.9	-3.2	0.4	0.5	-0.5	30	-30.5
10	5790	vt0	-3.3	-2.7	0.5	0.5	0.0	30	-30.0
10	5840	vt0	-5.1	-4.3	0.3	0.4	-1.7	30	-31.7
20	5740	vt0	-4.7	-4	0.3	0.4	-1.3	30	-31.3
20	5790	vt0	-3.1	-2.6	0.5	0.5	0.2	30	-29.8
20	5835	vt0	-5.7	-4.9	0.3	0.3	-2.3	30	-32.3
30	5745	vt0	-5.7	-4.9	0.3	0.3	-2.3	30	-32.3
30	5790	vt0	-3.2	-2.3	0.5	0.6	0.3	30	-29.7
30	5830	vt0	-7.8	-6.9	0.2	0.2	-4.3	30	-34.3
40	5750	vf0	-8.3	-6.8	0.1	0.2	-4.5	30	-34.5
40	5790	vf0	-3.7	-3.3	0.4	0.5	-0.5	30	-30.5
40	5825	vf0	-6.1	-7.2	0.2	0.2	-3.6	30	-33.6
50	5755	vf0	-8.2	-6.6	0.2	0.2	-4.3	30	-34.3
50	5790	vf0	-6.3	-5.8	0.2	0.3	-3.0	30	-33.0
50	5820	vf0	-6.8	-7.9	0.2	0.2	-4.3	30	-34.3
60	5760	vf0	-9.8	-8.4	0.1	0.1	-6.0	30	-36.0
60	5790	vf0	-7	-6.7	0.2	0.2	-3.8	30	-33.8
60	5815	vf0	-8	-8.6	0.2	0.1	-5.3	30	-35.3
80	5770	ve00	-13	-10.7	0.1	0.1	-8.7	30	-38.7
80	5790	ve00	-8.4	-8.1	0.1	0.2	-5.2	30	-35.2
80	5805	ve00	-9.2	-9.5	0.1	0.1	-6.3	30	-36.3
80	5810	ve00	-8.5	-9.1	0.1	0.1	-5.8	30	-35.8