

CTT INC.

MODEL: AGX/0218-3946

2-18 Ghz 8W, +39 dBm, S/S GAIN 46 dB Min.

DATE 5/27/2011

TESTED Pout vs Pin:

VDC = +33V

@2GHz			@6GHz			@10GHz			@14GHz			@18GHz		
P in (dBm)	P out (dBm)	Current (A)	P in (dBm)	P out (dBm)	Current (A)	P in (dBm)	P out (dBm)	Current (A)	P in (dBm)	P out (dBm)	Current (A)	P in (dBm)	P out (dBm)	Current (A)
-36	12.0	1.3	-36	11.2	1.3	-36	10.7	1.3	-36	10.0	1.3	-36	9.7	1.3
-34	14.0	1.3	-34	13.2	1.3	-34	12.8	1.3	-34	12.0	1.3	-34	11.7	1.3
-32	16.0	1.3	-32	15.1	1.3	-32	14.8	1.3	-32	14.0	1.3	-32	13.7	1.3
-30	18.0	1.3	-30	17.1	1.3	-30	16.8	1.3	-30	16.0	1.3	-30	15.7	1.3
-28	19.8	1.3	-28	19.0	1.3	-28	18.7	1.3	-28	17.9	1.3	-28	17.7	1.3
-26	21.7	1.3	-26	20.8	1.3	-26	20.6	1.3	-26	19.8	1.3	-26	19.6	1.3
-24	23.4	1.3	-24	22.6	1.3	-24	22.5	1.3	-24	21.6	1.3	-24	21.5	1.3
-22	25.1	1.3	-22	24.4	1.3	-22	24.3	1.4	-22	23.5	1.4	-22	23.3	1.3
-20	26.9	1.4	-20	26.1	1.4	-20	26.1	1.4	-20	25.2	1.4	-20	25.2	1.3
-18	28.9	1.4	-18	28.0	1.5	-18	28.0	1.4	-18	27.0	1.4	-18	27.0	1.4
-16	30.9	1.5	-16	29.8	1.6	-16	29.7	1.5	-16	28.9	1.5	-16	28.9	1.4
-14	32.9	1.6	-14	31.6	1.7	-14	31.6	1.6	-14	30.7	1.6	-14	30.8	1.5
-12	34.8	1.8	-12	33.4	1.9	-12	33.4	1.7	-12	32.5	1.7	-12	32.6	1.6
-10	36.4	1.9	-10	35.2	2.1	-10	35.1	1.9	-10	34.3	1.9	-10	34.4	1.7
-8	37.5	2.1	-8	36.8	2.3	-8	36.7	2.0	-8	35.9	2.0	-8	36.1	1.9
-6	38.6	2.2	-6	38.2	2.5	-6	38.1	2.2	-6	37.4	2.2	-6	37.6	2.1
-4	39.1	2.3	-4	39.1	2.8	-4	39.1	2.5	-4	38.6	2.5	-4	38.6	2.3
-2	39.3	2.3	-2	39.9	3.0	-2	39.7	2.7	-2	39.5	2.7	-2	39.1	2.4
0	39.3	2.4	0	40.1	3.1	0	40.0	2.8	0	39.8	2.8	0	39.3	2.4

