

Amp#1

Electrical Specifications¹

Parameter	GSM850	GSM900	DCS	PCS	Units
	Typ	Typ	Typ	Typ	
GMSK HPM Pout	35.3	35	33.3	33	dBm
GMSK MPM Pout	31.8	32.2	-	-	dBm
8PSK (RMS Power)	29	29	28	28	dBm
GMSK LPM Pout	22	22	22.8	22	dBm
GMSK ULPM Pout	20.5	21	21.5	20	dBm
GMSK HPM PAE	52	55	55	52	%
GMSK MPM PAE	43	45	-	-	%
GMSK LPM PAE	27	31	25	19	%
GMSK ULPM PAE	29	32	23	16	%

Note 1: RF performance measured at standard operating conditions.

Amp#2

GSM850/GSM900 PA performance specifications

Maximum Output Power	GMSK High power mode	34.5	35	dBm
	GMSK High power mode (degraded power for over Vcc, over Temp)	32.5		dBm
	EDGE High power mode (RMS power)	29	29.5	dBm
	GMSK Medium power mode	30.5	31	dBm
	GMSK Medium power mode (over Vcc, over Temp)	28.5		dBm
	EDGE Medium power mode (RMS power)	23		dBm
	GMSK Low power mode (over Vcc, over Temp)	14	16	dBm
	EDGE Low power mode (RMS power)	10		dBm
	GMSK Ultra low power mode (over Vcc, over Temp)	14	16	dBm

DCS1800/PCS1900 PA performance specifications

Maximum Output Power	GMSK High power mode	32.5	33	dBm
	GMSK High power mode (degraded power for over Vcc, over Temp)	30.5		dBm
	EDGE High power mode (RMS power)	28	28.5	dBm
	GMSK Low power mode (over Vcc, over Temp)	17.8	19.8	dBm
	EDGE Low power mode (RMS power)	16		dBm
	GMSK Ultra low power mode (over Vcc, over Temp)	11.8	13.8	dBm

	GSM850		GSM900		DCS		PCS		Unit
	#1	#2	#1	#2	#1	#2	#1	#2	
GMSK HPM	35.3	34.5	35	35	33.3	32.5	33	33	dBm
8PSK HPM	29	29	29	29.5	28	28	28	28.5	dBm