

Typical Performance Data

TEST CONDITION: T= 0°C, 25°C,65°C ; 28V 50 Ω SYSTEM

Frequency	Pout	Gain @ 50dBm Pout, 0°C	Current. @ 50dBm Pout, 0°C	IRL@ 50dBm Pout, 0°C
(GHz)	(W)	(dB)	(A)	(dB)
3.20	100	56.5	9.5	-15.80
3.25	100	55.8	8.9	-17.60
3.30	100	55.5	8.7	-18.50
3.35	100	55.2	8.8	-20.20
3.40	100	55.3	9.1	-18.70
3.45	100	54.4	10	-17.90
3.50	100	54.2	10.1	-17.70
3.55	100	54.7	10.4	-15.90
3.60	100	55.6	10.5	-14.70
3.65	100	56.6	10.4	-13.50
3.70	100	57.6	10.1	-12.60
3.75	101	58	9.4	-13.5
3.80	102	56.2	9.1	-12.8

Frequency	Pout	Gain @ 50dBm Pout, 25°C	Current. @ 50dBm Pout, 25°C	IRL@ 50dBm Pout, 25°C
(GHz)	(W)	(dB)	(A)	(dB)
3.20	100	55.5	9.7	-16.10
3.25	100	54.9	9	-17.70
3.30	100	54.4	8.9	-18.60
3.35	100	54.1	9	-20.00
3.40	100	54.2	9.3	-18.80
3.45	100	53.3	10.2	-18.10
3.50	100	53	10.4	-18.10
3.55	100	53.4	10.7	-16.20
3.60	100	54.2	10.8	-15.00
3.65	100	55.2	10.6	-13.80
3.70	100	56.1	10.4	-12.90
3.75	101	56.4	9.6	-13.7
3.80	102	54.8	9.3	-13

Frequency	Pout	Gain @ 50dBm Pout, 60°C	Current. @ 50dBm Pout, 60°C	IRL@ 50dBm Pout, 60°C
(GHz)	(W)	(dB)	(A)	(dB)
3.20	100	53.6	9.8	-16.50
3.25	100	53	9.3	-17.70
3.30	100	52.4	9.2	-18.70
3.35	100	52	9.3	-19.30
3.40	100	51.9	9.7	-19.00
3.45	100	50.9	10.7	-18.60
3.50	100	50.6	11	-18.30
3.55	100	50.7	11.3	-16.70
3.60	100	51.3	11.4	-15.30
3.65	100	52.4	11.2	-14.10
3.70	100	53	10.9	-13.40
3.75	101	53.2	10.1	-13.8
3.80	102	51.3	9.8	-13.3

*Typical Performance Data*TEST CONDITION: T= 25°C ; 28V, 50 Ω SYSTEM

Frequency	Pout at P1dB , 25°C	Pout at P3dB , 25°C	Pout at P5dB , 25°C
(GHz)	(dBm)	(dBm)	(dBm)
3.20	52.2	52.7	52.7
3.25	51.7	52.3	52.3
3.30	51.2	51.8	51.9
3.35	50.8	51.5	51.6
3.40	50.6	51.4	51.5
3.45	50.0	51.0	51.2
3.50	50.0	51.1	51.4
3.55	49.8	51.0	51.3
3.60	50.3	51.4	51.5
3.65	50.6	51.7	51.8
3.70	50.5	51.7	51.8
3.75	50.1	51.4	51.7
3.80	49.0	50.5	50.9