

Narrowband Power Amplifiers (CW)

GaN Power Amplifiers	Frequency Response (GHz)	Gain (dB)	Gain Flatness (±dB)	Noise Figure (dB)	Psat (+dBm)	Psat CW (Watts)	VSWR In/Out	Volts (DC)	Current @SSG (mA)	Current @Psat (mA)	CTT Case Outline	Case Dimensions (L x W x H)
Model Number	Min	Min	Max	Max	Min	Min	Max		Typ	Typ		Inches
AGW/027-4145	2.1-2.7	45	2	6	41	12.5	2:1	30	930	1930	HDS12	4.71 x 3.5 x .84
AGW/027-4346	2.1-2.7	46	2	6	43	20.0	2:1	30	1700	3800	HDS12	4.71 x 3.5 x .84
AGW035-4145	2.7-3.5	45	2	6	41	12.5	2:1	30	930	1930	HDS12	4.71 x 3.5 x .84
AGW/035-4346	2.7-3.5	46	2	6	43	20.0	2:1	30	1700	3800	HDS12	4.71 x 3.5 x .84
AGN/037-4145	3.1-3.65	45	2	6	41	12.5	2:1	30	930	1930	HDS12	4.71 x 3.5 x .84
AGN/037-4346	3.1-3.65	46	2	6	43	20.0	2:1	30	1700	3800	HDS12	4.71 x 3.5 x .84
AGW/058-3740	4.4-5.8	40	2.5	6	37	5.0	2:1	30	550	1100	HPC10	4.09 x 1.96 x .50
AGW/058-4044	4.4-5.8	44	2.5	6	40	10.0	2:1	30	930	1930	HDC12	4.71 x 3.5 x .84
AGW/058-4345	4.4-5.8	45	2.5	6	43	20.0	2:1	30	1700	3800	HDC12	4.71 x 3.5 x .84
AGN/059-4145	5.2-5.93	45	2	6	41	12.5	2:1	30	930	1930	HDC12	4.71 x 3.5 x .84
AGN/059-4346	5.2-5.93	46	2	6	43	20.0	2:1	30	1700	3800	HDC12	4.71 x 3.5 x .84
AGN/064-4145	5.9-6.4	45	2	6	41	12.5	2:1	30	930	1930	HDC12	4.71 x 3.5 x .84
AGN/064-4346	5.9-6.4	46	2	6	43	20.0	2:1	30	1700	3800	HDC12	4.71 x 3.5 x .84
AGW/085-3740	6.4-8.5	40	2.5	7	37	5.0	2:1	30	550	1300	NGX15	4.23 x 3.5 x .67
AGW/085-4145	6.4-8.5	45	2.5	7	41	12.5	2:1	30	930	1930	NGX15	4.23 x 3.5 x .67
AGW/085-4346	6.4-8.5	46	2.5	7	43	20.0	2:1	30	1700	3800	NDX14	4.14 x 3.5 x .68
AGN/093-4145	8.5-9.3	45	2	6	41	12.5	2:1	30	930	1930	NGX15	4.23 x 3.5 x .67
AGN/093-4346	8.5-9.3	46	2	6	43	20.0	2:1	30	1700	3800	NDX14	4.14 x 3.5 x .68
AGN/093-4552	8.5-9.3	52	2	6	45	32.0	2:1	30	2200	7000	NDX14	4.14 x 3.5 x .68
AGN/093-4855	8.5-9.3	55	2	6	47.5	56.0	2:1	30	3000	11000	NQX14	4.32 x 4.5 x .68
AGN/099-4145	9.0-9.9	45	2	6	41	12.5	2:1	30	930	1950	NGX15	4.23 x 3.5 x .67
AGN/099-4346	9.0-9.9	46	2	6	43	20.0	2:1	30	1700	3800	NDX14	4.14 x 3.5 x .68
AGN/099-4552	9.0-9.9	52	2	6	45	32.0	2:1	30	2200	7000	NDX14	4.14 x 3.5 x .68
AGN/099-4855	9.0-9.9	55	2	6	47.5	56.0	2:1	30	3000	11000	NQX14	4.32 x 4.5 x .68
AGW/105-3738	8.5-10.5	38	2.5	7	37	5.0	2:1	30	550	1300	NGX15	4.23 x 3.5 x .67
AGW/105-4144	8.5-10.5	44	2.5	7	41	12.5	2:1	30	930	1930	NGX15	4.23 x 3.5 x .67
AGW/105-4345	8.5-10.5	45	2.5	7	43	20.0	2:1	30	1700	3800	NDX14	4.14 x 3.5 x .68
AGW/105-4551	8.5-10.5	51	2.5	8	45	32.0	2:1	30	2800	7400	NDX14	4.14 x 3.5 x .68
AGN/105-4145	9.5-10.5	50	2	6	41	12.5	2:1	30	950	1950	NGX15	4.23 x 3.5 x .67
AGN/105-4346	9.5-10.5	46	2	6	43	20.0	2:1	30	1700	3800	NDX14	4.14 x 3.5 x .68
AGN/105-4552	9.5-10.5	52	2	6	45	32.0	2:1	30	2200	7000	NDX14	4.14 x 3.5 x .68
AGN/105-4855	9.5-10.5	55	2	6	47.5	56.0	2:1	30	3000	11000	NQX14	4.32 x 4.5 x .68
AGN/107-4145	9.9-10.7	45	2	6	41	12.5	2:1	30	950	1950	NGX15	4.23 x 3.5 x .67
AGN/107-4346	9.9-10.7	46	2	6	43	20.0	2:1	30	1700	3800	NDX14	4.14 x 3.5 x .68
AGN/107-4552	9.9-10.7	52	2	6	45	32.0	2:1	30	2200	7000	NDX14	4.14 x 3.5 x .68
AGN/107-4855	9.9-10.7	55	2	6	47.5	56.0	2:1	30	3000	11000	NQX14	4.32 x 4.5 x .68
AGW/110-3739	7.0-11.0	38	2.5	7	37	5.0	2:1	30	550	1100	NGX15	4.23 x 3.5 x .67
AGW/110-4044	7.0-11.0	44	2.5	7	41	12.5	2:1	30	930	1950	NGX15	4.23 x 3.5 x .67
AGW/110-4245	7.0-11.0	45	2.5	7	42	15.0	2:1	30	1700	3800	NDX14	4.14 x 3.5 x .68

GaAs Power Amplifiers	Frequency Response (GHz)	Gain (dB)	Gain Flatness (±dB)	Noise Figure (dB)	P1dB (+dBm)	Psat (+dBm)	VSWR In/Out	Volts (DC)	Current (A)	CTT Case Outline	Case Dimensions (L x W x H)
Model Number	Min	Min	Max	Max	Min	Min	Max		Typ		Inches
ASN/142-4045	13.2-14.2	45	1	6	—	40	2:1	10~12	12	SP	Contact CTT
APW/175-4042	13.5-17.5	42	2	7	40	—	2:1	10~12	12	SP	Contact CTT
APN/145-4044	14.0-14.5	44	0.5	6	40	—	2:1	10~12	12	SP	Contact CTT
APN/154-4043	14.0-15.4	43	1	7	40	—	2:1	10~12	12	SP	Contact CTT
ASN/173-4042	15.4-17.3	42	1.5	7	—	40	2:1	10~12	12	SP	Contact CTT



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