

**Table 2 - List of Bias Settings for Various Hittite Amplifiers**

Hittite Part Number	VDRAIN (V)	IDRAIN (mA)	LDOCC (V)	RSENSE (kΩ)	R8 (kΩ)
<b>LNAs</b>					
HMC609LC4	6	170	6.09	1.0	20.4
HMC594LC3B	6	100	6.05	1.7	20.3
HMC753LP4	5	55	5.03	3.0	15.1
HMC490LP5	5	200	5.10	0.8	15.5
HMC504LC4B	4	90	4.05	1.8	10.2
HMC-ALH140	4	60	4.03	2.8	10.2
HMC-ALH244	4	45	4.02	3.7	10.1
HMC772LC4	4	45	4.02	3.7	10.1
HMC752LC4	3	70	3.04	2.4	5.2
<b>Gain Blocks &amp; Drivers</b>					
HMC635LC4	5	280	5.14	0.6	15.7
HMC-AUH256	5	295	5.15	0.6	15.7
<b>Linear &amp; Power</b>					
HMC757	7	395	7.20	0.4	26.0
HMC441LM1	5	90	5.05	1.8	15.2
HMC442LM1 / HMC442LC3B	5	85	5.04	1.9	15.2
HMC-ABH209	5	80	5.04	2.1	15.2
HMC-APH403	5	475	5.24	0.3	16.2
HMC-APH596	5	400	5.20	0.4	16.0
HMC608LC4	5	310	5.16	0.5	15.8
HMC498LC4	5	250	5.13	0.7	15.6
HMC-ABH241	5	220	5.11	0.8	15.6
HMC499LC4	5	200	5.10	0.8	15.5
HMC-APH196	4.5	400	4.70	0.4	13.5
HMC-APH633	4	240	4.12	0.7	10.6
HMC-AUH317	4	160	4.08	1.0	10.4
HMC-AUH318	4	160	4.08	1.0	10.4
HMC-AUH320	4	130	4.07	1.3	10.3
HMC863	6	375	6.19	0.4	20.9
<b>Wideband (Distributed)</b>					
HMC637LP5	12	400	12.20	0.4	51.0
HMC619LP5	12	300	12.15	0.6	50.8
HMC559	10	400	10.20	0.4	41.0
HMC562	8	80	8.04	2.1	30.2
HMC460LC5	8	75	8.04	2.2	30.2
HMC659LC5	8	300	8.15	0.6	30.8
HMC464LP5	8	290	8.15	0.6	30.7
HMC459	8	290	8.15	0.6	30.7
HMC465LP5	8	160	8.08	1.0	30.4
HMC462LP5	5	66	5.03	2.5	15.2


**Table 2 - List of Bias Settings for Various Hittite Amplifiers (Continued)**

Hittite Part Number	VDRAIN (V)	IDRAIN (mA)	LDOCC (V)	RSENSE (k $\Omega$ )	R8 (k $\Omega$ )
HMC463LP5	5	60	5.03	2.8	15.2
HMC635	5	280	5.14	0.6	15.7
HMC634LC4	5	180	5.09	0.9	15.5
HMC633LC4	5	180	5.09	0.9	15.5
<b>HMC795LP5E</b>	10	400	10.20	0.4	41.0
<b>Microwave &amp; Optical Drivers</b>					
HMC870LC5	7	165	7.08	1.0	25.4
HMC871LC5	8	75	8.04	2.2	30.2