

*Hughes***Table H—INSTRUMENTATION AMPLIFIERS**

	Amplifier Model Number	Frequency Range (GHz)	Power Output (W)	Rated Power Gain (dB)	TWT Model Number	Amplifier Model Number
L-Band	•8010H09	1.0–2.0	10.0	30.0	417H	•8010H09
	•8020H09	1.0–2.0	20.0	30.0	418H	•8020H09
L/S-Band	•8020H10	1.4–2.4	20.0	30.0	419H	•8020H10
S-Band	•8010H01	2.0–4.0	10.0	30.0	564H	•8010H01
	•8020H01	2.0–4.0	20.0	30.0	568H	•8020H01
S/C-Band	•8010H13	3.0–8.0	10.0	30.0	646H	•8010H13
C-Band	•8010H02	4.0–8.0	10.0	30.0	648H	•8010H02
	•8020H02	4.0–8.0	20.0	35.0	640H	•8020H02
	•8030H02	4.0–8.0	30.0	30.0	670HB	•8030H02
	•8100H02	4.0–8.0	100.0*	30.0	677HB	•8100H02
C/X-Band	•8010H16	3.9–11.7	10.0	30.0*	664H	•8010H16
	•8010H06	4.0–10.5	10.0	30.0	648HDS	•8010H06
	•8010H07	6.5–13.5	10.0	30.0	771HDS	•8010H07
X-Band	•8010H03	8.0–12.4	10.0	30.0	771H	•8010H03
	•8020H03	8.0–12.4	20.0	35.0	783H	•8020H03
	•8030H03	8.0–12.4	30.0	30.0	18707H	•8030H03
X/Ku-Band	•8010H17	7.0–16.3	10.0	30.0	785HD	•8010H17
	•8010H15	8.0–18.0	10.0	30.0	846H	•8010H15
	•8020H15	8.0–18.0	20.0	30.0	889H	•8020H15
Ku-Band	•8010H04	12.4–18.0	10.0	30.0	848H	•8010H04
	•8020H04	12.4–18.0	20.0	35.0	856H	•8020H04
K-Band	•8001H11	18.0–26.5	1.0	30.0	911H	•8001H11
	•8010H11	18.0–26.5	10.0	40.0	991H	•8010H11
Ka-Band	•8001H12	26.5–40.0	1.0	30.0	912H	•8001H12
	•8010H12	26.5–40.0	10.0	40.0	992H	•8010H12
	•8040H21	32.0–37.0	40.0	40.0	8902H	•8040H21
	•8100H21	33.0–35.0	100.0	50.0	8907H	•8100H21
Q-Band	•8010H23	33.0–50.0	10.0	37.0	8906H	•8010H23
	•8060H22	42.0–45.0	60.0	50.0	8905H	•8060H22
	•8030H22	42.0–46.0	20.0	40.0	8901H	•8030H22