FlexRadio Test Report

FLEX-6600 · S/N 1923-1104-6600-1300 · 10.0.10.212

Overall result: PASS

Model: FLEX-6600
Serial number: 1923-1104-6600-1300
Firmware: 4.2.18.41174
API version: 1.4.0.0
Nickname: W2/Jefferson
Options: None
IP address: 10.0.10.212
Started: 2026-06-02T10:32:22
Finished: 2026-06-02T10:36:32

Radio Information

PASS

Model	FLEX-6600	PASS
Serial number	1923-1104-6600-1300	PASS
Firmware	4.2.18.41174	PASS
API version	1.4.0.0	INFO
Nickname	W2/Jefferson	INFO
Options	None	INFO
GPS	Not Present	INFO
Meters available	10	PASS
ATU	Installed — TUNE_BYPASS	PASS

Receive

PASS

11/11 bands nominal

Band	Freq (MHz)	Noise floor (dBm)	Result
160m	1.900	-87.8	PASS
80m	3.700	-106.4	PASS
60m	5.357	-112.2	PASS
40m	7.150	-104.5	PASS
30m	10.125	-107.3	PASS
20m	14.175	-101.3	PASS
17m	18.118	-105.9	PASS
15m	21.225	-96.8	PASS
12m	24.940	-105.2	PASS
10m	28.400	-104.9	PASS
6m	50.150	-105.1	PASS

Noise-floor check on a dummy load confirms the receiver is alive; it is not a sensitivity measurement (no signal source).

Transmit (into dummy load)

PASS

33/33 band/power points passed

Peak forward power	92.9 W	PASS
Max PA temperature	43.4 °C	PASS

Band	Freq	Set %	Fwd (W)	Refl (W)	SWR	PA °C	Volts	Amps	Result
160m	1.900	25	21.1	0.07	1.12	24.5	13.6	-	PASS
160m	1.900	50	45.4	0.14	1.12	26.2	13.4	-	PASS
160m	1.900	100	89.3	0.28	1.12	28.1	13.3	-	PASS
80m	3.700	25	20.4	0.05	1.10	28.2	13.7	-	PASS
80m	3.700	50	41.9	0.11	1.10	29.1	13.4	-	PASS
80m	3.700	100	88.8	0.22	1.10	30.2	13.3	-	PASS
60m	5.357	25	20.1	0.05	1.11	30.3	13.7	-	PASS
60m	5.357	50	41.3	0.11	1.10	30.7	13.4	-	PASS
60m	5.357	100	85.8	0.23	1.10	31.7	13.7	-	PASS
40m	7.150	25	20.5	0.07	1.12	31.9	13.5	-	PASS
40m	7.150	50	40.5	0.13	1.12	32.8	13.4	-	PASS
40m	7.150	100	87.4	0.27	1.12	33.9	13.7	-	PASS
30m	10.125	25	20.9	0.09	1.14	34.5	13.4	-	PASS
30m	10.125	50	43.4	0.18	1.13	35.0	13.3	-	PASS
30m	10.125	100	90.3	0.37	1.13	36.8	13.2	-	PASS
20m	14.175	25	21.9	0.13	1.16	38.5	13.5	-	PASS
20m	14.175	50	42.8	0.25	1.16	36.8	13.4	-	PASS
20m	14.175	100	87.9	0.50	1.16	37.0	13.3	-	PASS
17m	18.118	25	20.4	0.16	1.20	36.5	13.5	-	PASS
17m	18.118	50	41.1	0.32	1.20	36.8	13.4	-	PASS
17m	18.118	100	90.9	0.69	1.20	37.1	13.3	-	PASS
15m	21.225	25	21.7	0.20	1.21	36.4	13.7	-	PASS
15m	21.225	50	42.7	0.39	1.21	37.1	13.4	-	PASS
15m	21.225	100	88.6	0.79	1.21	37.9	13.7	-	PASS
12m	24.940	25	20.7	0.21	1.23	37.4	13.5	-	PASS
12m	24.940	50	40.9	0.41	1.23	39.0	13.4	-	PASS
12m	24.940	100	87.5	0.86	1.22	39.8	13.7	-	PASS
10m	28.400	25	21.9	0.23	1.24	40.5	13.4	-	PASS
10m	28.400	50	44.3	0.45	1.23	40.7	13.4	-	PASS
10m	28.400	100	91.1	0.90	1.23	42.0	13.2	-	PASS
6m	50.150	25	22.4	0.08	1.13	42.8	13.4	-	PASS
6m	50.150	50	45.9	0.15	1.13	42.1	13.3	-	PASS
6m	50.150	100	92.9	0.29	1.12	43.4	13.1	-	PASS