

KG6XDP TX Log for Field Intensity Measurements from SFTA TX Site, at 9042 W. Jackman, Lancaster, CA 93536: Transmitter Readings Each Day for operations on 1690 kHz 1 kW. September 2004 (Read call sign every 15-min.)

# Day	Date 2004	Time TX Read	Time Call ID	Final Voltage $E_a$	Bridge Current $I_a$	Antenna Current $I_{av}$	Antenna Resistance $R \Omega$	Antenna Reactance $X \text{ Raw } \Omega$	Antenna Reactance $X/f, \Omega$	Calculated Power Out Watts
1 Tues	9-28	0638	0637		4.19	5.0	40	-140	-123.7	1K
2		0713	0713		4.19	5.0				1K
3		0728	0729		4.2	5.0				1K
4		0743	0744		4.21	5.0				1K
5		0758	0759		4.22	5.0				1K
6		0813	0814		4.23	5.0				1K
7		0828	0829		4.23	5.0				1K
8		0843	0844		4.23	5.0				1K
9		0858	0859		4.24	5.0				1K
10		0913	0914		4.24	5.0				1K
11		0928	0929		4.24	5.0				1K
12		0943	0944		4.24	5.0				1K
13		0958	0959		4.24	5.0				1K
14		1013	1014		4.24	5.0				1K
15		1028	1029		4.25	5.0				1K
16		1043	1044		4.25	5.0				1K
17		1058	1059		4.25	5.0				1K
18		1113	1114		4.25	5.0				1K
19		1128	1129		4.26	5.0				1K
20		1143	1144		4.26	5.0				1K
21		1158	1159		4.25	5.0				1K
22		1214	1214		4.25	5.0				1K
23		1228	1229		4.25	5.0				1K
24		1243	1244		4.25	5.0				1K
25		1258	1259		4.25	5.0				1K
26		1313	1314		4.26	5.0				1K
27		1328	1329		4.25	5.0				1K
28		1343	1344		4.25	5.0				1K
29		1358	1359		4.25	5.0				1K
30		1413	1414		4.25	5.0				1K
31		1428	1429		4.25	5.0				1K
32		1443	1444		4.25	5.0				1K
33		1458	1459		4.25	5.0				1K
34		1513	1514		4.25	5.0				1K
35		1528	1529		4.25	5.0				1K
36 Tues	9-28	1558	1559		4.25	5.0	40	-140	-123.7	1K

NOTE: 1. Measure each 1/2 hour  
2. Broadcast call (KG6XDP) each 15-min. (make sure on-hour  $\pm$  5-min.)  
3. If adjustments made, record readings both before and after adjustment

P<sub>o</sub> = PR  
P = Power (watts)  
I = Antenna Current (amps)  
R = Antenna Resistance (ohms- $\Omega$ )

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KG6XDP TX Log for Field Intensity Measurements from SFTA TX Site, at 9042 W. Jackman, Lancaster, CA 93536: Transmitter Readings Each Day for operations on 1690 kHz 1 kW. September 2004 (Read call sign every 15-min.)

# Day	Date 2004	Time TX Read	Time Call ID	Final Voltage $E_a$	Bridge Current $I_a$	Antenna Current $I_{av}$	Antenna Resistance $R \Omega$	Antenna Reactance $X \text{ Raw } \Omega$	Antenna Reactance $X/f, \Omega$	Calculated Power Out Watts
1 Tues	9-28	1613	1614		4.24	5.0	40	-140	-123.7	1K
2										
3 Tues	9-28	1628	1629		4.24	5.0	40	-140	-123.7	1K
4										
5 Tues	9-28	1643	1644		4.24	5.0	40	-140	-123.7	1K
6										
7 Tues	9-28	1658	1659		4.24	5.0	40	-140	-123.7	1K
8										
9										
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# Day	Date 2004	Time TX Read	Time Call ID	Final Voltage $E_a$	Bridge Current $I_a$	Antenna Current $I_{av}$	Antenna Resistance $R \Omega$	Antenna Reactance $X \text{ Raw } \Omega$	Antenna Reactance $X/f, \Omega$	Calculated Power Out Watts
1 Wed	9-29	0722	0722		4.17	5.0	40	-140	-123.7	1K
2		0731	0731		4.2	5.0				1K
3		0743	0744		4.21	5.0				1K
4		0758	0759		4.21	5.0				1K
5		0813	0814		4.21	5.0				1K
6		0828	0829		4.21	5.0				1K
7		0843	0844		4.22	5.0				1K
8		0858	0859		4.22	5.0				1K
9		0913	0914		4.22	5.0				1K
10		0928	0929		4.22	5.0				1K
11		0943	0944		4.22	5.0				1K
12		0958	0959		4.23	5.0				1K
13		1013	1014		4.23	5.0				1K
14		1028	1029		4.23	5.0				1K
15		1043	1044		4.23	5.0				1K
16		1058	1059		4.24	5.0				1K
17		1113	1114		4.24	5.0				1K
18		1128	1129		4.24	5.0				1K
19		1143	1144		4.24	5.0				1K
20		1158	1159		4.24	5.0				1K
21		1215	1215		4.24	5.0				1K
22		1228	1229		4.24	5.0				1K
23		1243	1244		4.24	5.0				1K
24		1258	1259		4.24	5.0				1K
25		1314	1314		4.24	5.0				1K
26		1327	1327		4.24	5.0				1K
27		1338	1339		4.24	5.0				1K
28		1413	1414		4.24	5.0				1K
29		1428	1429		4.24	5.0				1K
30		1443	1444		4.24	5.0				1K
31		1458	1459		4.24	5.0				1K
32		1513	1514		4.24	5.0				1K
33		1528	1529		4.24	5.0				1K
34		1543	1544		4.24	5.0				1K
35		1558	1559		4.24	5.0				1K
36 Wed	9-29	1614	1614		4.24	5.0	40	-140	-123.7	1K

NOTE: 1. Measure each 1/2 hour  
2. Broadcast call (KG6XDP) each 15-min. (make sure on-hour  $\pm$  5-min.)  
3. If adjustments made, record readings both before and after adjustment

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# Day	Date 2004	Time TX Read	Time Call ID	Final Voltage $E_a$	Bridge Current $I_a$	Antenna Current $I_{av}$	Antenna Resistance $R \Omega$	Antenna Reactance $X \text{ Raw } \Omega$	Antenna Reactance $X/f, \Omega$	Calculated Power Out Watts
1 Wed	9-29	1628	1629		4.25	5.0	40	-140	-123.7	1K
2										
3 Wed	9-29	1637	1638		4.25	5.0	40	-140	-123.7	1K
4										
5										
6										
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10										
11										
12										
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34										
35										
36										

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#	Day	Date 2004	Time TX Read	Time Call ID	Final Voltage E <sub>dc</sub>	Bridge Current I <sub>dc</sub>	Antenna Current I <sub>avg</sub>	Antenna Resistance R $\Omega$	Antenna Reactance X Raw $\Omega$	Antenna Reactance X <sub>f</sub> $\Omega$	Calculated Power Out Watts
1	Tues	9-10	1002	1000		4.23	5.35	40	-140	-123.7	1K
2			1030			4.43	5.35				1K
3			1058	1058		4.3	5.0				1K
4			1113			4.27	5.0				1K
5			1130	1131		4.27	5.0				1K
6			1145	1146		4.27	5.0				1K
7			1154	1200		4.27	4.95				1K
8			1215	1215		4.27	5.0				1K
9			1230	1231		4.27	5.0				1K
10			1245	1246		4.27	5.05				1K
11			1255	1259		4.27	5.0				1K
12			1314	1314		4.27	5.0				1K
13			1324	1329		4.27	5.0				1K
14			1344	1344		4.27	5.0				1K
15			1351	1354		4.25	4.98				1K
16			1414	1414		4.25	5.0				1K
17			1424	1429		4.25	5.0				1K
18			1444	1444		4.25	5.0				1K
19			1454	1454		4.25	5.0				1K
20			1514	1514		4.25	5.0				1K
21			1524	1524		4.25	5.0				1K
22			1544	1544		4.25	5.0				1K
23	Thurs	9-16	1554	1600		4.25	5.0	40	-140	-123.7	1K
24											
25											
26											
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28											
29											
30											
31											
32											
33											
34											
35											
36											

- NOTE: 1. Measure each 1/2 hour  
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#	Day	Date 2004	Time TX Read	Time Call ID	Final Voltage E <sub>dc</sub>	Bridge Current I <sub>dc</sub>	Antenna Current I <sub>avg</sub>	Antenna Resistance R $\Omega$	Antenna Reactance X Raw $\Omega$	Antenna Reactance X <sub>f</sub> $\Omega$	Calculated Power Out Watts
1	Sat	9-18	0721	0722		4.2	5.0	40	-140	-123.7	1K
2			0715	0715		4.2	4.9				1K
3			0731	0731		4.21	4.99				1K
4			0745	0745		4.2	4.98				1K
5			0754	0754		4.22	5.0				1K
6			0810	0810		4.22	5.0				1K
7			0831	0831		4.21	4.98				1K
8			0845	0845		4.24	4.99				1K
9			0854	0854		4.24	4.99				1K
10			0914	0914		4.25	5.0				1K
11			0924	0924		4.24	5.0				1K
12			0944	0944		4.24	4.99				1K
13			1001	1001		4.22	4.97				1K
14			1013	1013		4.25	5.0				1K
15			1023	1023		4.25	5.0				1K
16			1043	1043		4.25	5.0				1K
17			1053	1053		4.25	4.99				1K
18			1114	1114		4.25	4.99				1K
19			1131	1131		4.25	4.99				1K
20			1144	1144		4.25	4.99				1K
21			1153	1153		4.25	4.99				1K
22			1215	1215		4.25	5.0				1K
23			1233	1233		4.25	5.0				1K
24			1253	1253		4.25	5.0				1K
25			1314	1314		4.25	5.0				1K
26			1327	1327		4.25	5.0				1K
27			1344	1344		4.25	5.0				1K
28			1358	1358		4.25	5.0				1K
29			1414	1414		4.25	5.0				1K
30			1424	1424		4.25	5.0				1K
31			1443	1443		4.25	5.0				1K
32			1457	1457		4.25	5.0				1K
33			1513	1513		4.25	5.0				1K
34			1523	1523		4.25	5.0				1K
35			1544	1544		4.25	5.0				1K
36	Sat	9-18	1554	1600		4.25	5.0	40	-140	-123.7	1K

- NOTE: 1. Measure each 1/2 hour  
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3. If adjustments made, record readings both before and after adjustment

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#	Day	Date 2004	Time TX Read	Time Call ID	Final Voltage E <sub>dc</sub>	Bridge Current I <sub>dc</sub>	Antenna Current I <sub>avg</sub>	Antenna Resistance R $\Omega$	Antenna Reactance X Raw $\Omega$	Antenna Reactance X <sub>f</sub> $\Omega$	Calculated Power Out Watts
1	Fri	9-17	0701	0701		4.25	5.0	40	-140	-123.7	1K
2			0714	0715		4.25	5.0				1K
3			0724	0731		4.23	4.98				1K
4			0744	0745		4.22	4.99				1K
5			0753	0754		4.22	4.99				1K
6			0814	0814		4.22	4.99				1K
7			0824	0824		4.22	4.99				1K
8			0844	0844		4.23	4.99				1K
9			0854	0854		4.22	4.98				1K
10			0915	0915		4.24	4.99				1K
11			0924	0924		4.24	4.99				1K
12			0944	0944		4.24	4.99				1K
13			0954	0954		4.23	4.98				1K
14			1014	1014		4.23	4.99				1K
15			1031	1031		4.24	4.99				1K
16			1043	1044		4.25	4.99				1K
17			1054	1054		4.24	4.99				1K
18			1115	1115		4.24	4.99				1K
19			1131	1131		4.24	4.99				1K
20			1145	1145		4.24	4.99				1K
21			1154	1154		4.25	5.0				1K
22			1215	1215		4.25	5.0				1K
23			1245	1245		4.25	5.0				1K
24			1254	1254		4.25	5.0				1K
25			1315	1315		4.25	5.0				1K
26			1332	1333		4.25	5.0				1K
27			1346	1347		4.25	5.0				1K
28			1354	1354		4.25	5.0				1K
29			1413	1413		4.25	5.0				1K
30			1423	1424		4.25	5.0				1K
31			1443	1444		4.25	5.0				1K
32			1454	1454		4.25	5.0				1K
33			1513	1513		4.25	5.0				1K
34			1523	1524		4.25	5.0				1K
35			1544	1544		4.27	5.0				1K
36	Fri	9-17	1601	1601		4.27	5.0	40	-140	-123.7	1K

- NOTE: 1. Measure each 1/2 hour  
2. Broadcast call (KG6XDP) each 15-min. (make sure on-hour  $\pm$  5-min.)  
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#	Day	Date 2004	Time TX Read	Time Call ID	Final Voltage E <sub>dc</sub>	Bridge Current I <sub>dc</sub>	Antenna Current I <sub>avg</sub>	Antenna Resistance R $\Omega$	Antenna Reactance X Raw $\Omega$	Antenna Reactance X <sub>f</sub> $\Omega$	Calculated Power Out Watts
1	Sun	9-19	0701	0701		4.19	5.0	40	-140	-123.7	1K
2	Sunday		0710	0717		4.19	5.0				1K
3			0730	0731		4.19	5.0				1K
4			0744	0744		4.19	5.0				1K
5			0754	0754		4.19	5.0				1K
6			0815	0815		4.2	5.0				1K
7			0823	0824		4.2	5.0				1K
8			0844	0844		4.2	4.99				1K
9			0854	0854		4.2	4.99				1K
10			0917	0917		4.2	4.99				1K
11			0924	0924		4.2	5.0				1K
12			0945	0945		4.21	5.0				1K
13			0956	0956		4.22	5.0				1K
14			1013	1014		4.21	4.99				1K
15			1023	1024		4.21	4.99				1K
16			1043	1044		4.21	4.99				1K
17			1053	1053		4.21	4.99				1K
18			1113	1113		4.22	5.0				1K
19			1127	1127		4.22	5.0				1K
20			1145	1145		4.22	5.0				1K
21			1157	1157		4.22	5.01				1K
22			1215	1215		4.22	5.01				1K
23			1231	1234		4.22	5.02				1K
24			1251	1251		4.22	5.02				1K
25			1313	1314		4.22	5.01				1K
26			1331	1331		4.22	5.01				1K
27			1347	1347		4.22	5.01				1K
28			1357	1357		4.22	5.01				1K
29			1410	1410		4.22	5.01				1K
30			1431	1431		4.22	5.01				1K
31			1444	1444		4.22	5.01				1K
32			1453	1453		4.22	5.01				1K
33			1513	1513		4.22	5.01				1K
34			1523	1523		4.22	5.01				1K
35	✓	✓	1544	1545		4.22	5.01				1K
36	Sun	9-19	1557	1600		4.22	5.01	40	-140	-123.7	1K



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#	Day	Date 2004	Time TX Read	Time Call ID	Final Voltage E <sub>ac</sub>	Bridge Current I <sub>br</sub>	Antenna Current I <sub>av</sub>	Antenna Resistance R Ω	Antenna Reactance X Raw Ω	Antenna Reactance X <sub>f</sub> Ω	Calculated Power Out Watts
1	Mon	9-20	0713	0713	4.17	5.0	4.0	-J40	-J23.7	1K	
2			0720	0720	4.14	5.0				1K	
3			0744	0744	4.14	5.0				1K	
4			0754	0754	4.17	5.0				1K	
5			0814	0814	4.2	5.0				1K	
6			0824	0824	4.2	5.0				1K	
7			0844	0844	4.2	5.0				1K	
8			0854	0854	4.2	5.0				1K	
9			0914	0914	4.2	4.44				1K	
10			0924	0924	4.2	4.44				1K	
11			0944	0944	4.21	4.44				1K	
12			0954	0954	4.21	4.44				1K	
13			1015	1015	4.21	5.0				1K	
14			1024	1024	4.22	5.0				1K	
15			1045	1045	4.21	4.44				1K	
16			1058	1058	4.23	5.0				1K	
17			1113	1114	4.23	5.0				1K	
18			1128	1124	4.24	5.0				1K	
19			1143	1144	4.24	5.0				1K	
20			1158	1154	4.25	5.0				1K	
21			1213	1214	4.25	5.0				1K	
22			1228	1224	4.25	5.01				1K	
23			1243	1244	4.24	5.01				1K	
24			1258	1254	4.24	5.01				1K	
25			1328	1324	4.24	5.01				1K	
26			1343	1344	4.24	5.01				1K	
27			1358	1354	4.24	5.01				1K	
28			1414	1414	4.24	5.01				1K	
29			1428	1424	4.24	5.01				1K	
30			1443	1444	4.23	5.01				1K	
31			1458	1454	4.24	5.0				1K	
32			1513	1514	4.22	5.0				1K	
33			1528	1524	4.22	5.0				1K	
34			1543	1544	4.22	5.0				1K	
35	✓	✓	1558	1554	4.22	5.0	✓	✓	✓	1K	
36	Mon	9-20	1613	1614	4.22	5.0	4.0	-J40	-J23.7	1K	

NOTE: 1. Measure each 1/2 hour  
2. Broadcast call (KG6XDP) each 15-min. (make sure on-hour ± 5-min.)  
3. If adjustments made, record readings both before and after adjustment

P<sub>o</sub> - PR  
P = Power (watts)  
I = Antenna Current (amps)  
R = Antenna Resistance (ohms-Ω)

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KG6XDP TX Log for Field Intensity Measurements from SFTA TX Site, at 9042 W. Jackman, Lancaster, CA 93536: Transmitter Readings Each Day for operations on 1690 kHz 1 kW. September 2004 (Read call sign every 15-min.)

#	Day	Date 2004	Time TX Read	Time Call ID	Final Voltage E <sub>ac</sub>	Bridge Current I <sub>br</sub>	Antenna Current I <sub>av</sub>	Antenna Resistance R Ω	Antenna Reactance X Raw Ω	Antenna Reactance Xf, Ω	Calculated Power Out Watts
1	Mon	9-20	1625	1624		4.22	5.0	40	-j40	-j23.7	1K
2											
3	Mon	9-20	1644	1644		4.22	5.0	40	-j40	-j23.7	1K
4											
5	Mon	9-20	1654	1700		4.22	5.0	40	-j40	-j23.7	1K
6											
7											
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36											

NOTE: 1. Measure each 1/2 hour  
2. Broadcast call (KG6XDP) each 15-min. (make sure on-hour ± 5-min.)  
3. If adjustments made, record readings both before and after adjustment

P<sub>o</sub> - PR  
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KG6XDP TX Log for Field Intensity Measurements from SFTA TX Site, at 9042 W. Jackman, Lancaster, CA 93536: Transmitter Readings Each Day for operations on 1690 kHz 1 kW. September 2004 (Read call sign every 15-min.)

#	Day	Date 2004	Time TX Read	Time Call ID	Final Voltage E <sub>ac</sub>	Bridge Current I <sub>br</sub>	Antenna Current I <sub>av</sub>	Antenna Resistance R Ω	Antenna Reactance X Raw Ω	Antenna Reactance X <sub>f</sub> Ω	Calculated Power Out Watts
1	Tues	9-21	0700	0701	4.18	5.0	4.0	-J40	-J23.7	1K	
2			0713	0714	4.14	4.44				1K	
3			0728	0724	4.14	4.44				1K	
4			0743	0744	4.2	4.44				1K	
5			0758	0754	4.2	4.44				1K	
6			0813	0814	4.21	4.44				1K	
7			0830	0834	4.2	4.44				1K	
8			0843	0844	4.21	5.0				1K	
9			0858	0854	4.21	5.0				1K	
10			0913	0914	4.21	5.0				1K	
11			0928	0924	4.22	5.0				1K	
12			0944	0944	4.22	5.0				1K	
13			0958	0954	4.22	5.0				1K	
14			1013	1014	4.22	5.0				1K	
15			1028	1024	4.22	5.0				1K	
16			1043	1044	4.22	5.0				1K	
17			1058	1054	4.22	5.0				1K	
18			1113	1114	4.23	4.44				1K	
19			1128	1124	4.23	5.0				1K	
20			1144	1144	4.23	5.0				1K	
21			1158	1154	4.24	5.0				1K	
22			1217	1217	4.24	5.0				1K	
23			1227	1231	4.24	5.0				1K	
24			1243	1244	4.24	5.0				1K	
25			1258	1254	4.24	5.0				1K	
26			1328	1324	4.24	5.0				1K	
27			1343	1344	4.24	5.0				1K	
28			1358	1354	4.24	5.0				1K	
29			1413	1414	4.24	5.01				1K	
30			1428	1424	4.24	5.01				1K	
31			1443	1444	4.23	5.0				1K	
32			1458	1454	4.23	5.0				1K	
33			1513	1514	4.23	5.0				1K	
34			1528	1524	4.23	5.0				1K	
35	✓	✓	1545	1545	4.23	5.0	✓	✓	✓	1K	
36	Tues	9-21	1558	1554	4.23	5.0	4.0	-J40	-J23.7	1K	

NOTE: 1. Measure each 1/2 hour  
2. Broadcast call (KG6XDP) each 15-min. (make sure on-hour ± 5-min.)  
3. If adjustments made, record readings both before and after adjustment

P<sub>o</sub> - PR  
P = Power (watts)  
I = Antenna Current (amps)  
R = Antenna Resistance (ohms-Ω)

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KG6XDP TX Log for Field Intensity Measurements from SFTA TX Site, at 9042 W. Jackman, Lancaster, CA 93536: Transmitter Readings Each Day for operations on 1690 kHz 1 kW. September 2004 (Read call sign every 15-min.)

#	Day	Date 2004	Time TX Read	Time Call ID	Final Voltage E <sub>ac</sub>	Bridge Current I <sub>br</sub>	Antenna Current I <sub>av</sub>	Antenna Resistance R Ω	Antenna Reactance X Raw Ω	Antenna Reactance X <sub>f</sub> Ω	Calculated Power Out Watts
1	Tues	9-21	1613	1614		4.23	5.0	40	-j40	-j23.7	1K
2											
3	Tues	9-21	1628	1624		4.24	5.01	40	-j40	-j23.7	1K
4											
5	Tues	9-21	1643	1644		4.24	5.01	40	-j40	-j23.7	1K
6											
7	Tues	9-21	1654	1700		4.25	5.02	40	-j40	-j23.7	1K
8											
9											
10											
11											
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36											

NOTE: 1. Measure each 1/2 hour  
2. Broadcast call (KG6XDP) each 15-min. (make sure on-hour ± 5-min.)  
3. If adjustments made, record readings both before and after adjustment

P<sub>o</sub> - PR  
P = Power (watts)  
I = Antenna Current (amps)  
R = Antenna Resistance (ohms-Ω)

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KG6XDP TX Log for Field Intensity Measurements from SFTA TX Site, at 9042 W. Jackman, Lancaster, CA 93536: Transmitter Readings Each Day for operations on 1690 kHz 1 kW. September 2004 (Read call sign every 15-min.)

#	Day	Date 2004	Time TX Read	Time Call ID	Final Voltage E <sub>ac</sub>	Bridge Current I <sub>ac</sub>	Antenna Current I <sub>ap</sub>	Antenna Resistance R <sub>Ω</sub>	Antenna Reactance X <sub>Raw</sub> Ω	Antenna Reactance X <sub>f</sub> Ω	Calculated Power Out Watts
1	Mon	9-22	0635	0636		4.17	5.0	4.0	-14.0	-123.7	1K
2			0712	0713		4.17	5.0				1K
3			0738	0739		4.17	5.0				1K
4			0747	0748		4.2	5.0				1K
5			0758	0759		4.2	5.0				1K
6			0814	0815		4.21	5.0				1K
7			0832	0833		4.22	5.0				1K
8			0845	0846		4.22	5.0				1K
9			0855	0856		4.23	5.0				1K
10			0913	0914		4.24	5.0				1K
11			0938	0939		4.24	5.0				1K
12			0943	0944		4.24	5.0				1K
13			0958	0959		4.24	5.0				1K
14			1015	1016		4.24	5.0				1K
15			1023	1024		4.24	5.0				1K
16			1043	1044		4.25	5.0				1K
17			1058	1059		4.25	5.0				1K
18			1113	1114		4.25	5.0				1K
19			1129	1130		4.25	5.0				1K
20			1158	1159		4.24	5.0				1K
21			1213	1214		4.24	5.0				1K
22			1228	1229		4.24	5.0				1K
23			1243	1244		4.24	5.0				1K
24			1258	1259		4.24	5.0				1K
25			1313	1314		4.24	5.0				1K
26			1328	1329		4.24	5.0				1K
27			1343	1344		4.24	5.0				1K
28			1358	1359		4.24	5.0				1K
29			1413	1414		4.23	5.0				1K
30			1428	1429		4.24	5.0				1K
31			1443	1444		4.24	5.0				1K
32			1458	1459		4.24	5.0				1K
33			1513	1514		4.25	5.0				1K
34			1528	1529		4.25	5.0				1K
35	✓	✓	1543	1544		4.25	5.0				1K
36	✓	✓	1602	1603		4.25	5.0	4.0	-14.0	-123.7	1K

- NOTE: 1. Measure each ½ hour  
2. Broadcast call (KG6XDP) each 15-min. (make sure on-hour ± 5-min.)  
3. If adjustments made, record readings both before and after adjustment

P<sub>o</sub> = FR  
P = Power (watts)  
I = Antenna Current (amps)  
R = Antenna Resistance (ohms-Ω)

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KG6XDP TX Log for Field Intensity Measurements from SFTA TX Site, at 9042 W. Jackman, Lancaster, CA 93536: Transmitter Readings Each Day for operations on 1690 kHz 1 kW. September 2004 (Read call sign every 15-min.)

#	Day	Date 2004	Time TX Read	Time Call ID	Final Voltage E <sub>ac</sub>	Bridge Current I <sub>ac</sub>	Antenna Current I <sub>ap</sub>	Antenna Resistance R <sub>Ω</sub>	Antenna Reactance X <sub>Raw</sub> Ω	Antenna Reactance X <sub>f</sub> Ω	Calculated Power Out Watts
1	Mon	9-22	1615	1616		4.25	5.0	4.0	-14.0	-123.7	1K
2											
3	Wed	9-22	1625	1626		4.25	5.0	4.0	-14.0	-123.7	1K
4											
5	Wed	9-22	1643	1644		4.25	5.0	4.0	-14.0	-123.7	1K
6											
7	Wed	9-22	1654	1655		4.25	5.0	4.0	-14.0	-123.7	1K
8											
9											
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13											
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- NOTE: 1. Measure each ½ hour  
2. Broadcast call (KG6XDP) each 15-min. (make sure on-hour ± 5-min.)  
3. If adjustments made, record readings both before and after adjustment

P<sub>o</sub> = FR  
P = Power (watts)  
I = Antenna Current (amps)  
R = Antenna Resistance (ohms-Ω)

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KG6XDP TX Log for Field Intensity Measurements from SFTA TX Site, at 9042 W. Jackman, Lancaster, CA 93536: Transmitter Readings Each Day for operations on 1690 kHz 1 kW. September 2004 (Read call sign every 15-min.)

#	Day	Date 2004	Time TX Read	Time Call ID	Final Voltage E <sub>ac</sub>	Bridge Current I <sub>ac</sub>	Antenna Current I <sub>ap</sub>	Antenna Resistance R <sub>Ω</sub>	Antenna Reactance X <sub>Raw</sub> Ω	Antenna Reactance X <sub>f</sub> Ω	Calculated Power Out Watts
1	Thurs	9-23	0635	0636		4.17	5.0	4.0	-14.0	-123.7	1K
2			0713	0714		4.17	5.0				1K
3			0738	0739		4.2	5.0				1K
4			0747	0748		4.2	5.0				1K
5			0758	0759		4.21	5.0				1K
6			0813	0814		4.21	5.0				1K
7			0828	0829		4.22	5.0				1K
8			0844	0845		4.22	5.0				1K
9			0855	0856		4.23	5.0				1K
10			0913	0914		4.23	5.0				1K
11			0928	0929		4.24	5.0				1K
12			0944	0945		4.25	5.0				1K
13			0958	0959		4.25	5.0				1K
14			1014	1015		4.26	5.0				1K
15			1028	1029		4.26	5.0				1K
16			1044	1045		4.26	5.0				1K
17			1058	1059		4.26	5.0				1K
18			1113	1114		4.26	5.0				1K
19			1128	1129		4.27	5.0				1K
20			1143	1144		4.27	5.0				1K
21			1201	1202		4.27	5.0				1K
22			1216	1217		4.26	5.0				1K
23			1231	1232		4.27	5.0				1K
24			1246	1247		4.27	5.0				1K
25			1302	1303		4.26	5.0				1K
26			1316	1317		4.26	5.0				1K
27			1331	1332		4.26	5.0				1K
28			1346	1347		4.26	5.0				1K
29			1402	1403		4.26	5.0				1K
30			1416	1417		4.26	5.0				1K
31			1431	1432		4.26	5.0				1K
32			1446	1447		4.26	5.0				1K
33			1458	1459		4.26	5.0				1K
34			1513	1514		4.26	5.0				1K
35	✓	✓	1528	1529		4.26	5.0				1K
36	✓	✓	1558	1559		4.26	5.0	4.0	-14.0	-123.7	1K

- NOTE: 1. Measure each ½ hour  
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KG6XDP TX Log for Field Intensity Measurements from SFTA TX Site, at 9042 W. Jackman, Lancaster, CA 93536: Transmitter Readings Each Day for operations on 1690 kHz 1 kW. September 2004 (Read call sign every 15-min.)

#	Day	Date 2004	Time TX Read	Time Call ID	Final Voltage E <sub>ac</sub>	Bridge Current I <sub>ac</sub>	Antenna Current I <sub>ap</sub>	Antenna Resistance R <sub>Ω</sub>	Antenna Reactance X <sub>Raw</sub> Ω	Antenna Reactance X <sub>f</sub> Ω	Calculated Power Out Watts
1	Thurs	9-23	1613	1614		4.26	5.0	4.0	-14.0	-123.7	1K
2											
3	Thurs	9-23	1628	1629		4.26	5.0	4.0	-14.0	-123.7	1K
4											
5	Thurs	9-23	1643	1644		4.26	5.0	4.0	-14.0	-123.7	1K
6											
7	Thurs	9-23	1658	1659		4.26	5.0	4.0	-14.0	-123.7	1K
8											
9											
10											
11											
12											
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- NOTE: 1. Measure each ½ hour  
2. Broadcast call (KG6XDP) each 15-min. (make sure on-hour ± 5-min.)  
3. If adjustments made, record readings both before and after adjustment