

Name of Test:

Field Strength of Spurious Radiation

FCC TX Radiated Spurious Emissions

DATE: 03.12.04

22.0[°C] 34.0[%]

Model: TKR-751

Measured by: kobayashi

CARRIER FREQUENCY 146 (MHz)

POWER: 25 (W) 43.98 (dBm)

	FREQUENCY (MHz)	POLARITY	DISPLAY (dBm)	HEIGHT (cm)	AZIMUTH (deg)	RADIATED POWER (dBm)	SPEC (dBm)
2f	292.00	H	-61.9	100	291	-39.6	-13
		V	-73.8	100	284	-46.4	↑
3f	438.00	H	-75.6	100	337	-50.5	↑
		V	-75.6	100	234	-46.8	↑
4f	584.00	H	-49.4	115	227	-21.6	↑
		V	-52.2	100	214	-21.9	↑
5f	730.00	H	-64.4	100	326	-34.1	↑
		V	-65.7	119	203	-33.7	↑
6f	876.00	H	-86.0	100	316	-53.5	↑
		V	-79.1	126	138	-45.3	↑
7f	1022.00	H	-81.5	114	154	-46.9	↑
		V	-84.8	100	73	-49.2	↑
8f	1168.00	H	-91.8	100	249	-55.3	↑
		V	-90.4	100	8	-53.0	↑
9f	1314.00	H	-85.0	100	78	-46.8	↑
		V	-85.4	100	354	-46.3	↑
10f	1460.00	H	-84.4	189	222	-44.7	↑
		V	-79.9	134	213	-39.1	↑

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CARRIER FREQUENCY 160 (MHz)

POWER: 25 (W) 43.98 (dBm)

	FREQUENCY (MHz)	POLARITY	DISPLAY (dBm)	HEIGHT (cm)	AZIMUTH (deg)	RADIATED POWER (dBm)	SPEC (dBm)
2f	320.00	H	-61.6	100	316	-38.8	-13
		V	-63.7	100	256	-36.1	↑
3f	480.00	H	-88.0	100	317	-62.1	↑
		V	-85.5	100	52	-56.3	↑
4f	640.00	H	-62.7	100	215	-33.9	↑
		V	-61.7	100	351	-30.7	↑
5f	800.00	H	-64.0	100	311	-32.6	↑
		V	-62.2	100	181	-29.3	↑
6f	960.00	H	-88.0	161	267	-54.3	↑
		V	-85.9	100	207	-51.1	↑
7f	1120.00	H	-82.9	100	162	-47.0	↑
		V	-80.1	118	18	-43.3	↑
8f	1280.00	H	-93.5	100	79	-55.7	↑
		V	-88.5	100	7	-49.8	↑
9f	1440.00	H	-83.3	119	325	-43.8	↑
		V	-78.9	126	215	-38.3	↑
10f	1600.00	H	-85.7	100	294	-44.6	↑
		V	-84.2	100	245	-41.8	↑

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CARRIER FREQUENCY 174 (MHz)

POWER: 25 (W) 43.98 (dBm)

	FREQUENCY (MHz)	POLARITY	DISPLAY (dBm)	HEIGHT (cm)	AZIMUTH (deg)	RADIATED POWER (dBm)	SPEC (dBm)
2f	348.00	H	-55.6	100	310	-32.2	-13
		V	-55.8	129	183	-27.9	↑
3f	522.00	H	-56.7	148	277	-30.0	↑
		V	-57.0	100	351	-27.3	↑
4f	696.00	H	-56.5	100	328	-26.8	↑
		V	-62.8	100	54	-31.2	↑
5f	870.00	H	-75.0	100	191	-42.6	↑
		V	-72.9	134	216	-39.2	↑
6f	1044.00	H	-87.9	114	145	-53.0	↑
		V	-92.9	100	70	-57.1	↑
7f	1218.00	H	-96.8	100	235	-59.7	↑
		V	-95.9	100	302	-57.9	↑
8f	1392.00	H	-83.7	155	237	-44.7	↑
		V	-82.1	107	290	-42.1	↑
9f	1566.00	H	-79.7	100	301	-38.9	↑
		V	-76.9	100	283	-34.9	↑
10f	1740.00	H	-91.7	267	309	-49.3	↑
		V	-90.2	100	326	-46.4	↑