Substitution Method: Electromagnetic Emission Test FCCID: IP9751V

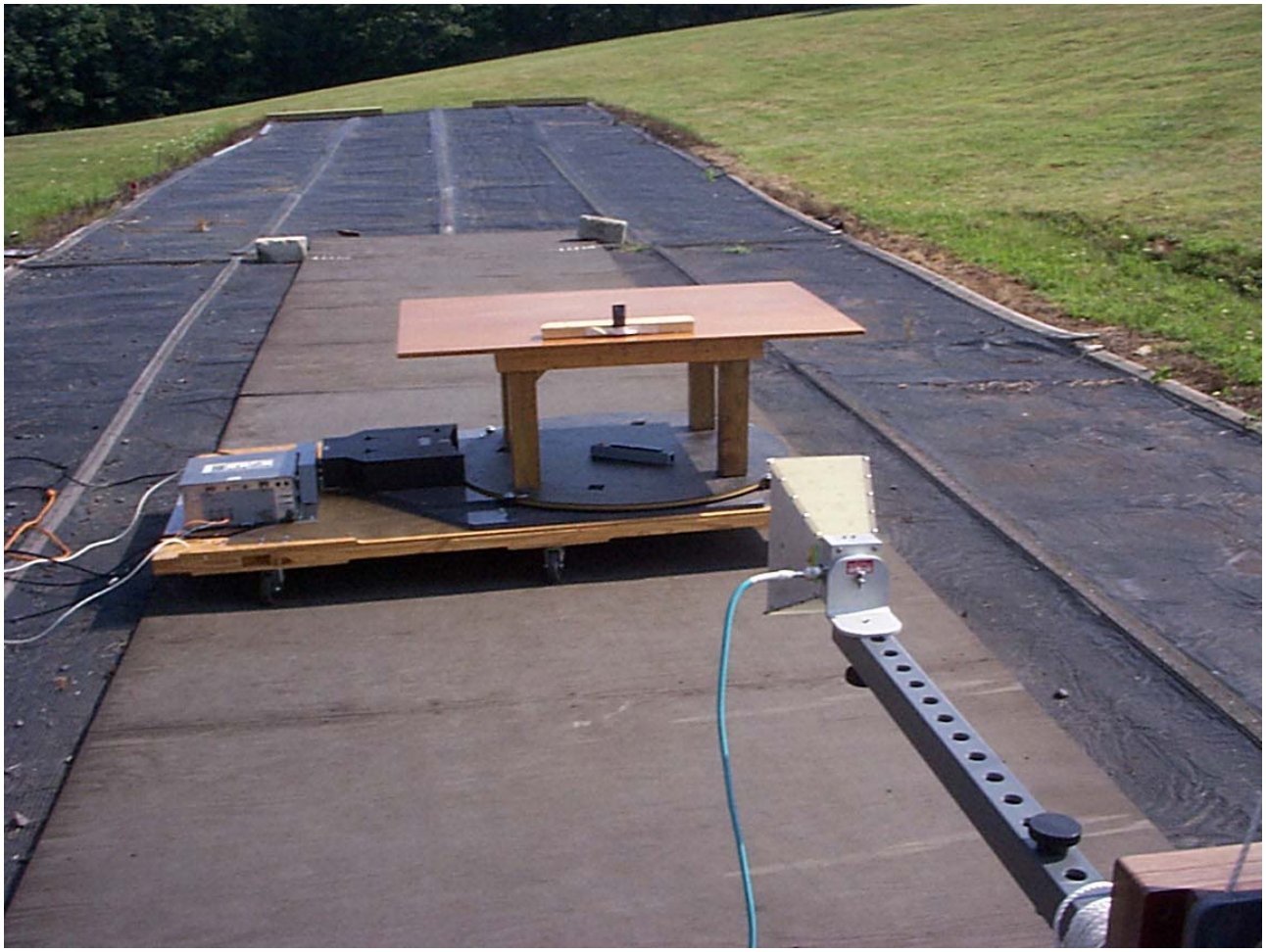
E U T	**Manufacturer: Tactical Technologies** **Model#: CST 751** **Serial # 220** **Mode: Transmit into dummy load**	**Date:** 11/21/02 **RSI Equipment Numbers: 31, 52, 80, 84, 91 196, 391** **Frequency Range:** 300MHz to 1.8GHz	Test Code **RE** Technician Engineer

Temperature: 54°F **Humidity:** 36%	**Additional Info: Intentional Radiator**	**Test Spec:** **FCC**
X **Radiated** ☐ X	HORIZ. BB NB	**Conducted** BB
☐ Distance: 3 meter Antenna: Bicon, L/P, W/G	VERT. H E	Line: Function: NB

FREQ.	IND, LEVEL		Correction Factors			Final Level	Antenna Height	Azimuth	Remarks
			ANT.	Cable Loss					
Hz	**dBm**		**dBi**	**dB**		**dBm**	**Meters**	**degrees**	
	(subs.)		(gain)						**Horizontal**
347.82M	-61.6		5.9	-4.0		-59.7	1.4	270	
521.74M	-48.5		5.6	-5.6		-48.5	1.0	180	
695.65M	-51		6.2	-6.2		-51	1.0	180	
869.56M	-56		6.3	-7.5		-57.2	1.0	0	
1.043G	-61		6.8	-6.7		-60.9	1.0	0	
1.217G	-40		7.7	-8.2		-60.5	1.0	0	
1.391G	-43		8.8	-9.0		-67.2	1.0	0	
1.565G	-33		9.1	-9.5		-67.4	1.1	0	
1.739G	-31		9.0	-9.0		-63.0	1.2	0	
									Vertical
347.82M	-61		6.4	-4.0		-58.6	1.7	315	
521.74M	-49		6.1	-5.6		-48.5	1.2	315	
695.65M	-47		6.0	-6.2		-47.2	1.0	315	
869.56M	-52		6.8	-7.5		-52.7	1.3	270	
1.043G	-85		7.1	-6.7		-84.6	1.0	0	
1.217G	ns		7.8	-8.2		-	1.0	0	
1.391G	-76.5		8.5	-9.0		-77	1.0	0	
1.565G	-68.5		9.4	-9.5		-68.4	1.1	0	
1.739G	-74		9.4	-9.0		-73.6	1.1	0	
									Note:
									ns=no signal detected

Maximum level @ 3 meters 77.4 dBuV or -29.6 dBm

Test Range at Radiation Sciences for Substitution Method - EUT @ < 1 gig



Test Range at Radiation Sciences – Substitution Method EUT @ > 1 gig