

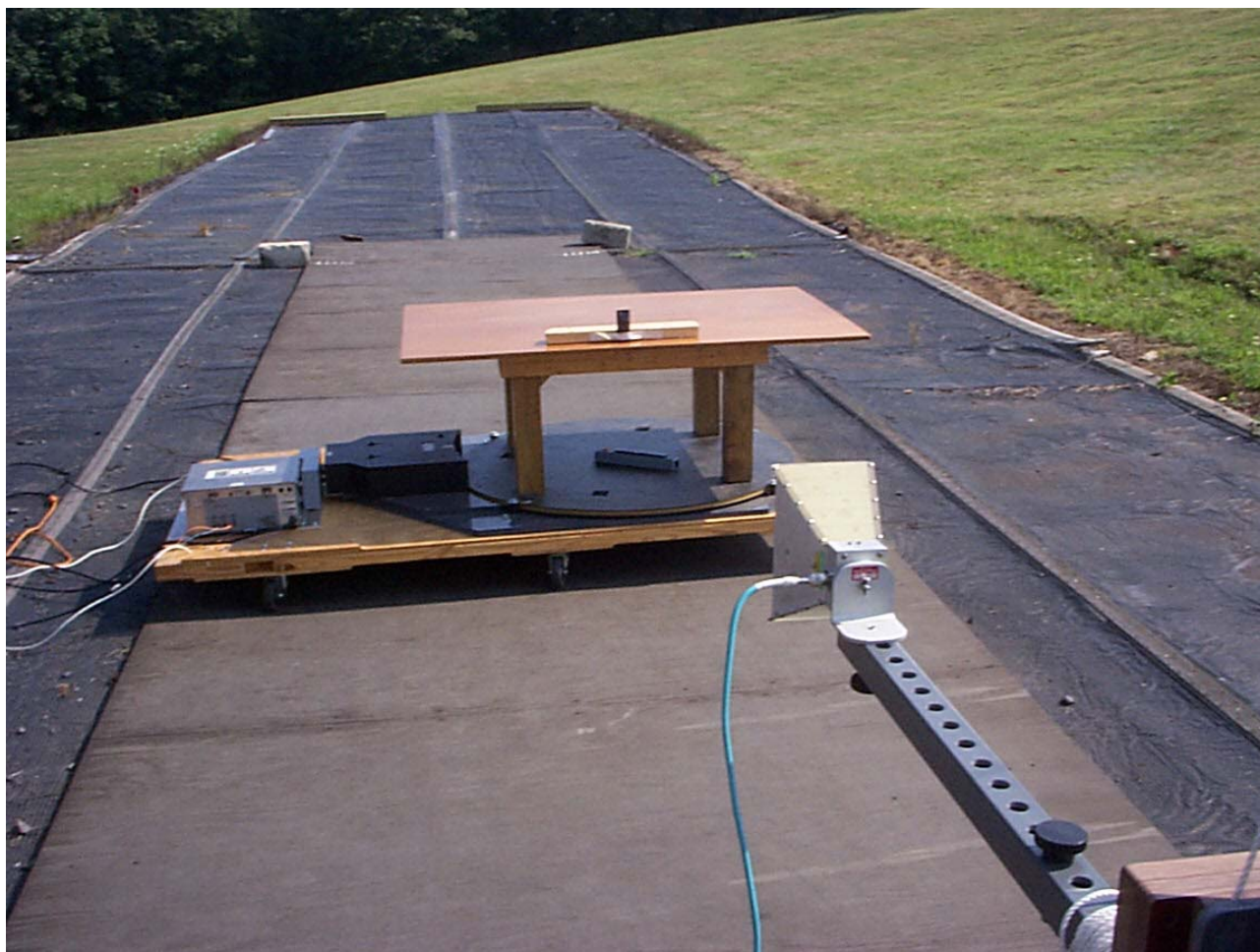
Substitution Method: Electromagnetic Emission Test FCCID: IP9751V

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				Test Code RE		
					Frequency Range: 300MHz to 1.8GHz				Technician		
	Temperature: 54°F Humidity: 36%				Additional Info: Intentional Radiator				Test Spec: FCC		
	☒ Radiated ☐ ☒				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		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