

Appendix A

Effective Radiated Power Measurement

According to CFR 47 (FCC) part 2.1046 & 22.913



Channel 1023

Measurement/Instrument Screen									
Control		Digital Average Power						Call Params	
Digital Average Power Setup ▾		Digital Average Power 25.16 dBm Expected Mobile Power: 23.00 dBm/1.23 MHz Continuous						Cell 1 Power	
								-104.00	
								dBm/1.23 MHz	
								Cell Band	
								US Cellular	
								Channel	
								1023	
Calibrate Digital Avg Pur		Channel Power						Protocol Rev	
		Channel Power 25.00 dBm/1.23 MHz Expected Mobile Power: 23.00 dBm/1.23 MHz Measurement Speed: Normal Continuous						6 (IS-2000)	
Swap Window Positions								Radio Config	
								(Fud1, Rvs1)	
								S02 (Loopback)	
								FCH Service Option Setup ▾	
		Active Cell				Sys Type: IS-2000			
		Connected				Logging: No Conn.			
1 of 2			IntRef	Offset				1 of 3	



Channel 283

Measurement/Instrument Screen									
Control		Digital Average Power					Call Params		
Digital Average Power Setup ▾	Digital Average Power 25.46 dBm Expected Mobile Power: 23.00 dBm/1.23 MHz Continuous					Cell 1 Power			
						-104.00			
						dBm/1.23 MHz			
						Cell Band			
Calibrate Digital Avg Pur	Channel Power 25.35 dBm/1.23 MHz Expected Mobile Power: 23.00 dBm/1.23 MHz Measurement Speed: Normal Continuous					US Cellular			
						Channel			
						283			
						Protocol Rev			
Swap Window Positions	Active Cell Connected					6 (IS-2000)			
						Radio Config			
						(Fud1, Rvs1)			
						S02 (Loopback)			
1 of 2	Sys Type: IS-2000 Logging: No Conn.					FCH Service Option Setup ▾			
	IntRef Offset								
						1 of 3			



Channel 777

Measurement/Instrument Screen									
Control	Digital Average Power						Call Params		
Digital Average Power Setup ▾	Digital Average Power 23.66 dBm Expected Mobile Power: 23.00 dBm/1.23 MHz Continuous						Cell 1 Rvs CLPC	All Up bits	
							Cell 2 Rvs CLPC	Active bits	
							Pur Ctrl Size	1.0 dB	
Calibrate Digital Avg Pur	Channel Power Channel Power 23.57 dBm/1.23 MHz Expected Mobile Power: 23.00 dBm/1.23 MHz Measurement Speed: Normal Continuous						Call Drop Timer	On	
							Call Limit Mode	Off	
Swap Window Positions							Traffic Data Rate	Full	
			Active Cell Connected			Sys Type: IS-2000			
						Logging: No Conn.			
1 of 2			IntRef	Offset					2 of 3