

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		
								US Cellular		
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						Channel		
								283		
								Protocol Rev		
								6 (IS-2000)		
Swap Window Positions								Radio Config		
								(Fud1, Rvs1)		
								S02 (Loopback)		
								FCH Service Option Setup ▾		
1 of 2				Active Cell		Sys Type: IS-2000		1 of 3		
				Connected		Logging: No Conn.				
				IntRef		Offset				



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							Call Drop Timer	On	
	Channel Power 23.57 dBm/1.23 MHz Expected Mobile Power: 23.00 dBm/1.23 MHz Measurement Speed: Normal Continuous						Call Limit Mode	Off	
Swap Window Positions							Traffic Data Rate	Full	
1 of 2			Active Cell Connected		Sys Type: IS-2000		Logging: No Conn.		
			IntRef	Offset					2 of 3