



# Appendix F

## Frequency Stability Measurements According to CFR 47 (FCC) part 2.1055 & 22.355



# Frequency Stability versus Voltage

Voltage: 3.3V, Channel: 1023, Radio Configuration: RC 1/1

Measurement/Instrument Screen		
Control	Waveform Quality: Numeric Rho	Call Params
Waveform Quality Setup	<p><b>Rho</b> <b>0.9897</b></p> <p><b>Frequency Error</b> <b>6.1 Hz</b></p> <p>Time Error: 0.10 us Carrier Feedthrough: -39.95 dBc Phase Error: 3.14 ° Magnitude Error: 8.64 %</p> <p style="text-align: right;">Single</p>	<p>Cell 1 Power -75.00 dBm/1.23 MHz</p> <p>Cell Band US Cellular</p> <p>Channel 1023</p> <p>Protocol Rev G (IS-2000)</p> <p>Radio Config (Fudl. Res1) S02 (Loopback)</p> <p>FGH Service Option Setup</p>
1 of 2	<p>Active Cell Connected</p> <p>IntRef Offset</p>	<p>Sys Type: IS-2000 Logging: No Conn.</p> <p>1 of 3</p>



Voltage: 3.3V, Channel: 1023, Radio Configuration: RC 3/3

Measurement/Instrument Screen		
Control	Waveform Quality: Numeric Rho	
Waveform Quality Setup	Rho <b>0.9931</b>	Frequency Error <b>4.9 Hz</b>
Numeric Rho	Time Error: 0.25 us	Carrier Feedthrough: -42.36 dBc
Code Domain Power	Phase Error: 3.64 *	Magnitude Error: 5.38 %
Code Domain Power + Noise	EVM: 0.32 %	Single
	Active Cell <b>Connected</b>	Sys Type: IS-2000
		Losses: No Conn.
1 of 2	Infer Offset	1 of 3



Voltage: 3.3V, Channel: 283, Radio Configuration: RC 1/1

Measurement/Instrument Screen													
Control	Waveform Quality: Numeric Rho												
Waveform Quality Setup	<table border="0"> <tr> <td>Rho</td> <td>Frequency Error</td> </tr> <tr> <td><b>0.9938</b></td> <td><b>5.5 Hz</b></td> </tr> <tr> <td>Time Error:</td> <td>-0.05 us</td> </tr> <tr> <td>Carrier Feedthrough:</td> <td>-39.87 dBc</td> </tr> <tr> <td>Phase Error:</td> <td>3.08 *</td> </tr> <tr> <td>Magnitude Error:</td> <td>5.85 %</td> </tr> </table>	Rho	Frequency Error	<b>0.9938</b>	<b>5.5 Hz</b>	Time Error:	-0.05 us	Carrier Feedthrough:	-39.87 dBc	Phase Error:	3.08 *	Magnitude Error:	5.85 %
Rho	Frequency Error												
<b>0.9938</b>	<b>5.5 Hz</b>												
Time Error:	-0.05 us												
Carrier Feedthrough:	-39.87 dBc												
Phase Error:	3.08 *												
Magnitude Error:	5.85 %												
	Cell Params												
	Cell 1 Power												
	-75.00												
	dBm/1.23 MHz												
	Cell Band												
	US Cellular												
	Channel												
	283												
	Protocol Rev												
	6 (IS-2000)												
	Radio Config												
	(Fdd1, Rcs1)												
	S02 (Loopback)												
	FCH Service Option Setup												
	Active Cell												
	Connected												
	Sys Type: IS-2000												
	Losses: No Conn.												
1 of 2	<table border="0"> <tr> <td>Infler</td> <td>Offset</td> </tr> </table>	Infler	Offset										
Infler	Offset												
	1 of 3												



Voltage: 3.3V, Channel: 283, Radio Configuration: RC 3/3

Measurement/Instrument Screen			
Control	Waveform Quality: Numeric Rho		Cell Params
Waveform Quality Setup	Rho	Frequency Error	Cell 1 Power
	0.9921	5.3 Hz	-101.00
Numeric Rho	Time Error: 0.19 us	Carrier Feedthrough: -43.06 dBc	dBm/1.23 MHz
	Phase Error: 3.94 *	Magnitude Error: 5.91 %	Cell Band
	EVM: 0.94 %		US Cellular
Code Domain Power		Single	Channel
			283
Code Domain Power + Noise			Protocol Rev
			6 (IS-2000)
			Radio Config
			(Fdd3, Rns3)
			S055 (Loopback)
			FCH Service Option Setup
	Active Cell	Sus Type: IS-2000	
	Connected	Logging: No Conn.	
1 of 2	Infler Offset		1 of 3



Voltage: 3.3V, Channel: 777, Radio Configuration: RC 1/1

Measurement/Instrument Screen			
Control	Waveform Quality: Numeric Rho		Cell Params
Waveform Quality Setup	Rho <b>0.9906</b>	Frequency Error <b>6.6 Hz</b>	Cell 1 Power -75.00
	Time Error: -0.09 us		dBm/1.23 MHz
	Carrier Feedthrough: -39.26 dBc		Cell Band US Cellular
	Phase Error: 3.76 *		Channel 777
	Magnitude Error: 7.27 %	Single	Protocol Rev 6 (IS-2000)
			Radio Config (FddL, Rssi)
			S02 (Loopback)
			FCH Service Option Setup
	Active Cell Connected	Sus Type: IS-2000	
		Logging: No Conn.	
1 of 2	Inflter Offset		1 of 3



Voltage: 3.3V, Channel: 777, Radio Configuration: RC 3/3

Measurement/Instrument Screen		
<b>Control</b>	Waveform Quality: Numeric Rho	
Waveform Quality Setup	Rho <b>0.9935</b>	Frequency Error <b>-0.9 Hz</b>
Numeric Rho	Time Error: 0.26 us	Carrier Feedthrough: -45.83 dBc
Code Domain Power	Phase Error: 3.94 *	Magnitude Error: 4.24 %
Code Domain Power + Noise	EVM: 0.07 %	Single
		Cell 1 Power -101.00 dBm/1.23 MHz
		Cell Band US Cellular
		Channel 777
		Protocol Rev 6 (IS-2000)
		Radio Config (Fdd3, Rns3) S055 (Loopback)
		FCH Service Option Setup
	Active Cell Connected	Bus Type: IS-2000 Logging: No Conn.
1 of 2	Infler Offset	1 of 3



Voltage: 3.7V, Channel: 1023, Radio Configuration: RC 1/1

Measurement/Instrument Screen						
Control	Waveform Quality: Numeric Rho				Cell Params	
Waveform Quality Setup	<b>Rho</b>		<b>Frequency Error</b>		Cell 1 Power	
	<b>0.9911</b>		<b>-0.7 Hz</b>		-75.00	
	Time Error: 0.09 us		Carrier Feedthrough: -39.06 dBc		dBm/1.23 MHz	
	Phase Error: 3.48 °		Magnitude Error: 7.33 %		Cell Band	
					US Cellular	
					Channel	
					1023	
					Protocol Rev	
					6 (IS-2000)	
					Radio Config	
				(FddL, Rssi)		
				S02 (Loopback)		
				FCH Service Option Setup		
		Active Cell		Bus Type: IS-2000		
		Connected		Logging: No Conn.		
1 of 2		Infer Offset		1 of 3		



Voltage: 3.7V, Channel: 1023, Radio Configuration: RC 3/3

Measurement/Instrument Screen		
Control	Waveform Quality: Numeric Rho	
Waveform Quality Setup	Rho <b>0.9923</b>	Frequency Error <b>-3.1 Hz</b>
Numeric Rho	Time Error: 0.20 us	Carrier Feedthrough: -40.79 dBc
Code Domain Power	Phase Error: 3.94 *	Magnitude Error: 5.74 %
Code Domain Power + Noise	EVM: 0.02 %	Single
		Cell 1 Power -101.00 dBm/1.23 MHz
		Cell Band US Cellular
		Channel 1023
		Protocol Rev 6 (IS-2000)
		Radio Config (Fud3, Bus3) S055 (Loopback)
		FCH Service Option Setup
	Active Cell Connected	Sus Type: IS-2000 Logging: No Conn.
1 of 2	Infer Offset	1 of 3



Voltage: 3.7V, Channel: 283, Radio Configuration: RC 1/1

Measurement/Instrument Screen			
Control	Waveform Quality: Numeric Rho		Cell Params
Waveform Quality Setup	Rho	Frequency Error	Cell 1 Power
	<b>0.9928</b>	<b>-3.0 Hz</b>	-75.00
	Time Error:	0.12 us	dBm/1.23 MHz
	Carrier Feedthrough:	-36.62 dBc	Cell Band
	Phase Error:	2.90 *	US Cellular
	Magnitude Error:	6.90 %	Channel
		Single	283
			Protocol Rev
			6 (IS-2000)
			Radio Config
		(FddL, Rssi)	
		S02 (Loopback)	
		FCH Service Option Setup	
	Active Cell	Bus Type: IS-2000	
	Connected	Logging: No Conn.	
1 of 2	Infler Offset		1 of 3



Voltage: 3.7V, Channel: 283, Radio Configuration: RC 3/3

Measurement/Instrument Screen		
Control	Waveform Quality: Numeric Rho	Cell Params
Waveform Quality Setup	<b>Rho</b> <b>0.9945</b>	Cell 1 Power -101.00 dBm/1.23 MHz
Numeric Rho	<b>Frequency Error</b> <b>2.5 Hz</b>	Cell Band US Cellular
Code Domain Power	Time Error: 0.21 us Carrier Feedthrough: -45.37 dBc Phase Error: 3.37 * Magnitude Error: 4.62 % EVM: 7.67 %	Channel 283
Code Domain Power + Noise	Single	Protocol Rev 6 (IS-2000)
		Radio Config (Fdd3, Rcs3) S055 (Loopback)
	Active Cell Connected	FCH Service Option Setup
	Bus Type: IS-2000 Logging: No Conn.	
1 of 2	Infler Offset	1 of 3



Voltage: 3.7V, Channel: 777, Radio Configuration: RC 1/1

Measurement/Instrument Screen			
Control	Waveform Quality: Numeric Rho		Cell Params
Waveform Quality Setup	Rho	Frequency Error	Cell 1 Power
	<b>0.9909</b>	<b>8.1 Hz</b>	-75.00
	Time Error:	0.20 us	dBm/1.23 MHz
	Carrier Feedthrough:	-38.83 dBc	Cell Band
	Phase Error:	3.72 *	US Cellular
	Magnitude Error:	7.08 %	Channel
		Single	777
			Protocol Rev
			6 (IS-2000)
			Radio Config
		(FddL, Rssi)	
		S02 (Loopback)	
		FCH Service Option Setup	
	Active Cell	Bus Type: IS-2000	
	Connected	Logging: No Conn.	
1 of 2	Infler Offset		1 of 3



Voltage: 3.7V, Channel: 777, Radio Configuration: RC 3/3

Measurement/Instrument Screen			
Control	Waveform Quality: Numeric Rho		Cell Params
Waveform Quality Setup	Rho	Frequency Error	Cell 1 Power
	0.9925	-5.8 Hz	-101.00
Numeric Rho	Time Error:	0.21 us	dBm/1.23 MHz
	Carrier Feedthrough:	-40.00 dBc	Cell Band
	Phase Error:	4.33 *	US Cellular
Code Domain Power	Magnitude Error:	4.33 %	Channel
	EVM:	0.69 %	777
Code Domain Power + Noise	Single		Protocol Rev
			6 (IS-2000)
			Radio Config
			(Fdd3, Rcs3)
			S055 (Loopback)
			FCH Service Option Setup
	Active Cell	Bus Type: IS-2000	
	Connected	Logging: No Conn.	
1 of 2	Infler Offset		1 of 3



Voltage: 4.2V, Channel: 1023, Radio Configuration: RC 1/1

Measurement/Instrument Screen			
Control	Waveform Quality: Numeric Rho		Cell Params
Waveform Quality Setup	Rho	Frequency Error	Cell 1 Power
	0.9914	7.0 Hz	-75.00
	Time Error: 0.14 us		dBm/1.23 MHz
	Carrier Feedthrough: -40.15 dBc		Cell Band
	Phase Error: 3.10 *		US Cellular
	Magnitude Error: 7.65 %		Channel
		Single	1023
			Protocol Rev
			6 (IS-2000)
			Radio Config
			(FddL, Rsl)
			S02 (Loopback)
			FCH Service Option Setup
	Active Cell	Sus Type: IS-2000	
	Connected	Logging: No Conn.	
1 of 2	Infler Offset		1 of 3



Voltage: 4.2V, Channel: 1023, Radio Configuration: RC3/3

Measurement/Instrument Screen			
Control	Waveform Quality: Numeric Rho		Cell Params
Waveform Quality Setup	Rho	Frequency Error	Cell 1 Power
	<b>0.9920</b>	<b>6.0 Hz</b>	-101.00
Numeric Rho	Time Error: 0.32 us	Carrier Feedthrough: -43.12 dBc	dBm/1.23 MHz
	Phase Error: 4.00 *	Magnitude Error: 5.63 %	Cell Band
Code Domain Power	EVM: 0.96 %	Single	US Cellular
			Channel
Code Domain Power + Noise			1023
			Protocol Rev
			6 (IS-2000)
			Radio Config
			(Fdd3, Rns3)
			S055 (Loopback)
			FCH Service Option Setup
	Active Cell	Sus Type: IS-2000	
	Connected	Logging: No Conn.	
	Inflter Offset		
1 of 2			1 of 3



Voltage: 4.2V, Channel: 283, Radio Configuration: RC1/1

Measurement/Instrument Screen			
Control Waveform Quality Setup	Waveform Quality: Numeric Rho		Cell Params
	Rho	Frequency Error	Cell 1 Power
	<b>0.9912</b>	<b>8.1 Hz</b>	-75.00
	Time Error: 0.02 us		dBm/1.23 MHz
	Carrier Feedthrough: -36.65 dBc		Cell Band
	Phase Error: 3.50 *		US Cellular
	Magnitude Error: 7.24 %		Channel
		Single	283
			Protocol Rev
			6 (IS-2000)
		Radio Config	
		(FddL, Rssi)	
		S02 (Loopback)	
		FCH Service Option Setup	
	Active Cell	Sus Type: IS-2000	
	Connected	Logging: No Conn.	
1 of 2	Infler Offset		1 of 3



Voltage: 4.2V, Channel: 283, Radio Configuration: RC3/3

Measurement/Instrument Screen						
Control	Waveform Quality: Numeric Rho				Cell Params	
Waveform Quality Setup	Rho		Frequency Error		Cell 1 Power	
	0.9919		-1.9 Hz		-101.00	
Numeric Rho	Time Error: 0.46 us		Carrier Feedthrough: -40.45 dBc		dBm/1.23 MHz	
	Phase Error: 3.67 *		Magnitude Error: 6.35 %		Cell Band	
	EVM: 9.02 %		Single		US Cellular	
Code Domain Power					Channel	
					283	
Code Domain Power + Noise					Protocol Rev	
					6 (IS-2000)	
					Radio Config	
					(Fdd3, Rns3)	
					S055 (Loopback)	
					FCH Service Option Setup	
	Active Cell		Sys Type: IS-2000			
	Connected		Logging: No Conn.			
1 of 2	Infer	Offset				1 of 3



Voltage: 4.2V, Channel: 777, Radio Configuration: RC1/1

Measurement/Instrument Screen			
Control	Waveform Quality: Numeric Rho		Cell Params
Waveform Quality Setup	Rho	Frequency Error	Cell 1 Power
	<b>0.9909</b>	<b>-4.9 Hz</b>	-75.00
	Time Error: 0.18 us		dBm/1.23 MHz
	Carrier Feedthrough: -38.78 dBc		Cell Band
	Phase Error: 3.53 *		US Cellular
	Magnitude Error: 7.47 %		Channel
		Single	777
			Protocol Rev
			6 (IS-2000)
			Radio Config (FddL, Rurl)
		S02 (Loopback)	
		FCH Service Option Setup	
	Active Cell	Sus Type: IS-2000	
	Connected	Logging: No Conn.	
1 of 2	Infler Offset		1 of 3



Voltage: 4.2V, Channel: 777, Radio Configuration: RC3/3

Measurement/Instrument Screen			
Control	Waveform Quality: Numeric Rho		Cell Params
Waveform Quality Setup	Rho	Frequency Error	Cell 1 Power
	<b>0.9946</b>	<b>2.1 Hz</b>	-101.00
Numeric Rho	Time Error: 0.30 us		dBm/1.23 MHz
	Carrier Feedthrough: -44.19 dBc		Cell Band
	Phase Error: 3.48 *		US Cellular
Code Domain Power	Magnitude Error: 4.18 %		Channel
	EVM: 7.37 %	Single	777
Code Domain Power + Noise			Protocol Rev
			6 (IS-2000)
			Radio Config
			(Fdd3, Rns3)
			S055 (Loopback)
			FCH Service Option Setup
	Active Cell	Sus Type: IS-2000	
	Connected	Logging: No Conn.	
1 of 2	Infler Offset		1 of 3



# Frequency Stability versus Temperature

Temperature: 50 , Channel: 1023, Radio Configuration: RC1/1

Measurement/Instrument Screen			
Control	Waveform Quality: Numeric Rho		Cell Params
Waveform Quality Setup	<b>Rho</b> <b>0.9913</b>	<b>Frequency Error</b> <b>5.4 Hz</b>	Cell 1 Power -75.00
	Time Error: 0.08 us	Carrier Feedthrough: -36.28 dBc	dBm/1.23 MHz
	Phase Error: 3.22 *	Magnitude Error: 7.54 %	Cell Band US Cellular
	Single		Channel 1023
			Protocol Rev 6 (IS-2000)
			Radio Config (Fdd1, Rns1) S02 (Loopback)
			FCH Service Option Setup
	Active Cell <b>Connected</b>	Bus Type: IS-2000	
		Logging: No Conn.	
1 of 2	Inflter Offset	Help	1 of 3



Temperature : 50 , Channel : 1023 , Radio Configuration :RC3/3

Measurement/Instrument Screen			
Control	Waveform Quality: Numeric Rho		Cell Params
Waveform Quality Setup	<b>Rho</b> <b>0.9951</b>	<b>Frequency Error</b> <b>1.2 Hz</b>	Cell 1 Power -101.00 dBm/1.23 MHz
Numeric Rho	Time Error: 0.30 us	Carrier Feedthrough: -43.26 dBc	Cell Band US Cellular
Code Domain Power	Phase Error: 3.38 *	Magnitude Error: 3.77 %	Channel 1023
Code Domain Power + Noise	EVM: 6.99 %	Single	Protocol Rev 6 (IS-2000)
			Radio Config (Fud3, Rus3) S855 (Loopback)
			FCH Service Option Setup
	Active Cell <b>Connected</b>	Bus Type: IS-2000 Logging: No Conn.	
1 of 2	Interf Offset	Help	1 of 3



Temperature : 50 , Channel : 283 , Radio Configuration :RC1/1

Measurement/Instrument Screen			
Control	Waveform Quality: Numeric Rho		Cell Params
Waveform Quality Setup	Rho <b>0.9932</b>	Frequency Error <b>2.7 Hz</b>	Cell 1 Power -75.00
	Time Error: 0.06 us	Carrier Feedthrough: -36.98 dBc	dBm/1.23 MHz
	Phase Error: 3.30 *	Magnitude Error: 6.08 %	Cell Band US Cellular
	Single		Channel 283
			Protocol Rev 6 (IS-2000)
			Radio Config (Fdd1, Rns1) S02 (Loopback)
			FCH Service Option Setup
	Active Cell Connected	Sus Type: IS-2000	
		Logging: No Conn.	
1 of 2	Infler Offset	Help	1 of 3



Temperature : 50 , Channel : 283 , Radio Configuration :RC3/3

Measurement/Instrument Screen			
Control	Waveform Quality: Numeric Rho		Cell Params
Waveform Quality Setup	Rho	Frequency Error	Cell 1 Power
	<b>0.9942</b>	<b>-0.2 Hz</b>	-101.00
Numeric Rho	Time Error:	0.24 us	dBm/1.23 MHz
	Carrier Feedthrough:	-41.96 dBc	Cell Band
	Phase Error:	3.52 *	US Cellular
	Magnitude Error:	4.56 %	Channel
Code Domain Power	EVM:	7.65 %	283
		Single	Protocol Rev
Code Domain Power + Noise			6 (IS-2000)
			Radio Config
			(Fdd3, Rns3)
			S055 (Loopback)
			FCH Service Option Setup
	Active Cell	Sus Type: IS-2000	
	Connected	Logging: No Conn.	
1 of 2	Infler Offset	Help	1 of 3



Temperature : 50 , Channel : 777 , Radio Configuration :RC1/1

Control		Measurement/Instrument Screen		Cell Params	
Waveform Quality Setup	Waveform Quality: Numeric Rho		Rho	Frequency Error	Cell 1 Power
	0.9927		3.0 Hz		-75.00
	Time Error: -0.05 us				dBm/1.23 MHz
	Carrier Feedthrough: -38.45 dBc				Cell Band
	Phase Error: 3.55 *				US Cellular
	Magnitude Error: 6.07 %				Channel
			Single		777
					Protocol Rev
					6 (IS-2000)
					Radio Config
				(Fddl. Bus1)	
				S02 (Loopback)	
				FCH Service Option Setup	
		Active Cell		Bus Type: IS-2000	
		Connected		Logging: No Conn.	
1 of 2		Inflter Offset		Help	
				1 of 3	



Temperature : 50 , Channel : 777 , Radio Configuration :RC3/3

Measurement/Instrument Screen			
Control	Waveform Quality: Numeric Rho		Cell Params
Waveform Quality Setup	Rho	Frequency Error	Cell 1 Power
	<b>0.9949</b>	<b>4.1 Hz</b>	-101.00
Numeric Rho	Time Error:	0.21 us	dBm/1.23 MHz
	Carrier Feedthrough:	-40.99 dBc	Cell Band
	Phase Error:	3.47 *	US Cellular
	Magnitude Error:	3.85 %	Channel
Code Domain Power	EVM:	7.17 %	777
		Single	Protocol Rev
Code Domain Power + Noise			6 (IS-2000)
			Radio Config
			(Fdd3, Rcs3)
			S055 (Loopback)
			FCH Service Option Setup
	Active Cell	Sus Type: IS-2000	
	Connected	Logging: No Conn.	
1 of 2	Infler Offset	Help	1 of 3



Temperature : 40 , Channel : 1023 , Radio Configuration :RC1/1

Measurement/Instrument Screen			
Control	Waveform Quality: Numeric Rho		Cell Params
Waveform Quality Setup	Rho	Frequency Error	Cell 1 Power
	<b>0.9920</b>	<b>-5.6 Hz</b>	-75.00
	Time Error:	0.09 us	dBm/1.23 MHz
	Carrier Feedthrough:	-37.73 dBc	Cell Band
	Phase Error:	3.33 *	US Cellular
	Magnitude Error:	6.87 %	Channel
		Single	1023
			Protocol Rev
			6 (IS-2000)
			Radio Config
		(Fad1, Rus1)	
		S02 (Loopback)	
		FCH Service Option Setup	
	Active Cell	Sus Type: IS-2000	
	Connected	Logging: No Conn.	
1 of 2	Infler Offset	Help	1 of 3



Temperature : 40 , Channel : 1023 , Radio Configuration :RC3/3

Measurement/Instrument Screen			
Control	Waveform Quality: Numeric Rho		Cell Params
Waveform Quality Setup	Rho	Frequency Error	Cell 1 Power
	<b>0.9936</b>	<b>3.4 Hz</b>	-101.00
Numeric Rho	Time Error:	0.16 us	dBm/1.23 MHz
	Carrier Feedthrough:	-39.00 dBc	Cell Band
	Phase Error:	3.51 *	US Cellular
	Magnitude Error:	5.22 %	Channel
Code Domain Power	EVM:	0.04 %	1023
		Single	Protocol Rev
Code Domain Power + Noise			6 (IS-2000)
			Radio Config
			(Fdd3, Rcs3)
			S055 (Loopback)
			FCH Service Option Setup
	Active Cell	Sus Type: IS-2000	
	Connected	Logging: No Conn.	
1 of 2	Infler Offset	Help	1 of 3



Temperature : 40 , Channel : 283 , Radio Configuration :RC1/1

Measurement/Instrument Screen			
Control	Waveform Quality: Numeric Rho		Cell Params
Waveform Quality Setup	Rho <b>0.9936</b>	Frequency Error <b>0.4 Hz</b>	Cell 1 Power -75.00
	Time Error: 0.02 us		dBm/1.23 MHz
	Carrier Feedthrough: -37.64 dBc		Cell Band
	Phase Error: 3.18 *		US Cellular
	Magnitude Error: 5.94 %		Channel
		Single	283
			Protocol Rev
			6 (IS-2000)
			Radio Config
			(FddL, Rsl)
			S02 (Loopback)
			FCH Service Option Setup
	Active Cell	Sus Type: IS-2000	
	Connected	Logging: No Conn.	
1 of 2	Infer Offset	Help	1 of 3



Temperature : 40 , Channel : 283 , Radio Configuration :RC3/3

Measurement/Instrument Screen			
Control	Waveform Quality: Numeric Rho		Cell Params
Waveform Quality Setup	Rho	Frequency Error	Cell 1 Power
	<b>0.9923</b>	<b>3.6 Hz</b>	-101.00
Numeric Rho	Time Error: 0.12 us	Carrier Feedthrough: -40.09 dBc	dBm/1.23 MHz
	Phase Error: 3.78 *	Magnitude Error: 5.80 %	Cell Band
	EVM: 0.70 %		US Cellular
Code Domain Power	Single		Channel
			283
Code Domain Power + Noise			Protocol Rev
			6 (IS-2000)
			Radio Config
			(Fdd3, Rcs3)
			S055 (Loopback)
			FCH Service Option Setup
	Active Cell	Sus Type: IS-2000	
	Connected	Logging: No Conn.	
1 of 2	Infler Offset	Help	1 of 3



Temperature : 40 , Channel : 777 , Radio Configuration :RC1/1

Measurement/Instrument Screen			
Control	Waveform Quality: Numeric Rho		Cell Params
Waveform Quality Setup	Rho	Frequency Error	Cell 1 Power
	<b>0.9879</b>	<b>3.1 Hz</b>	-75.00
	Time Error:	0.01 us	dBm/1.23 MHz
	Carrier Feedthrough:	-37.59 dBc	Cell Band
	Phase Error:	4.21 *	US Cellular
	Magnitude Error:	8.30 %	Channel
		Single	777
			Protocol Rev
			6 (IS-2000)
			Radio Config
		(Fad1, Rus1)	
		S02 (Loopback)	
		FCH Service Option Setup	
	Active Cell	Sus Type: IS-2000	
	Connected	Logging: No Conn.	
1 of 2	Infler Offset	Help	1 of 3



Temperature : 40 , Channel : 777 , Radio Configuration :RC3/3

Measurement/Instrument Screen			
Control	Waveform Quality: Numeric Rho		Cell Params
Waveform Quality Setup	Rho	Frequency Error	Cell 1 Power
	<b>0.9939</b>	<b>-2.4 Hz</b>	-101.00
Numeric Rho	Time Error:	0.28 us	dBm/1.23 MHz
	Carrier Feedthrough:	-40.55 dBc	Cell Band
	Phase Error:	3.90 *	US Cellular
	Magnitude Error:	3.84 %	Channel
Code Domain Power	EVM:	7.01 %	777
		Single	Protocol Rev
Code Domain Power + Noise			6 (IS-2000)
			Radio Config
			(Fdd3, Rcs3)
			S055 (Loopback)
			FCH Service Option Setup
	Active Cell	Sus Type: IS-2000	
	Connected	Logging: No Conn.	
1 of 2	Infer Offset	Help	1 of 3



Temperature : 30 , Channel : 1023 , Radio Configuration :RC1/1

Measurement/Instrument Screen			
Control	Waveform Quality: Numeric Rho		Cell Params
Waveform Quality Setup	Rho	Frequency Error	Cell 1 Power
	<b>0.9916</b>	<b>3.8 Hz</b>	-75.00
	Time Error:	-0.08 us	dBm/1.23 MHz
	Carrier Feedthrough:	-36.67 dBc	Cell Band
	Phase Error:	3.24 *	US Cellular
	Magnitude Error:	7.36 %	Channel
		Single	1023
			Protocol Rev
			6 (IS-2000)
			Radio Config
		(Fdd1, Rns1)	
		S02 (Loopback)	
		FCH Service Option Setup	
	Active Cell	Bus Type: IS-2000	
	<b>Connected</b>	Logging: No Conn.	
1 of 2	Infler Offset	Help	1 of 3



Temperature : 30 , Channel : 1023 , Radio Configuration :RC3/3

Measurement/Instrument Screen		
Control	Waveform Quality: Numeric Rho	
Waveform Quality Setup	<b>Rho</b> <b>0.9931</b>	<b>Frequency Error</b> <b>0.0 Hz</b>
Numeric Rho	Time Error: 0.18 us	Carrier Feedthrough: -40.34 dBc
Code Domain Power	Phase Error: 3.72 *	Magnitude Error: 5.26 %
Code Domain Power + Noise	EVM: 0.34 %	Single
	Active Cell <b>Connected</b>	Bus Type: IS-2000 Logging: No Conn.
1 of 2	Infer Offset	Help
		1 of 3



Temperature : 30 , Channel : 283 , Radio Configuration :RC1/1

Measurement/Instrument Screen			
Control	Waveform Quality: Numeric Rho		Cell Params
Waveform Quality Setup	Rho	Frequency Error	Cell 1 Power
	<b>0.9919</b>	<b>6.0 Hz</b>	-75.00
	Time Error:	0.04 us	dBm/1.23 MHz
	Carrier Feedthrough:	-38.65 dBc	Cell Band
	Phase Error:	3.06 *	US Cellular
	Magnitude Error:	7.33 %	Channel
		Single	283
			Protocol Rev
			6 (IS-2000)
			Radio Config
		(Fad1, Rus1)	
		S02 (Loopback)	
		FCH Service Option Setup	
	Active Cell	Sus Type: IS-2000	
	Connected	Logging: No Conn.	
1 of 2	Infler Offset	Help	1 of 3



Temperature : 30 , Channel : 283 , Radio Configuration :RC3/3

Measurement/Instrument Screen		
Control	Waveform Quality: Numeric Rho	
Waveform Quality Setup	<b>Rho</b> <b>0.9940</b>	<b>Frequency Error</b> <b>-4.0 Hz</b>
Numeric Rho	Time Error: 0.15 us	Carrier Feedthrough: -40.59 dBc
Code Domain Power	Phase Error: 3.64 *	Magnitude Error: 4.48 %
Code Domain Power + Noise	EVM: 7.77 %	Single
	Active Cell	Bus Type: IS-2000
	Connected	Logging: No Conn.
1 of 2	Infer Offset	Help
		1 of 3



Temperature : 30 , Channel : 777 , Radio Configuration :RC1/1

Measurement/Instrument Screen			
Control	Waveform Quality: Numeric Rho		Cell Params
Waveform Quality Setup	Rho	Frequency Error	Cell 1 Power
	<b>0.9898</b>	<b>-0.9 Hz</b>	-75.00
	Time Error:	0.02 us	dBm/1.23 MHz
	Carrier Feedthrough:	-40.76 dBc	Cell Band
	Phase Error:	3.45 *	US Cellular
	Magnitude Error:	8.28 %	Channel
		Single	777
			Protocol Rev
			6 (IS-2000)
			Radio Config
		(Fad1, Rus1)	
		S02 (Loopback)	
		FCH Service Option Setup	
	Active Cell	Sus Type: IS-2000	
	Connected	Logging: No Conn.	
1 of 2	Infler Offset	Help	1 of 3



Temperature : 30 , Channel : 777 , Radio Configuration :RC3/3

Measurement/Instrument Screen		
Control	Waveform Quality: Numeric Rho	
Waveform Quality Setup	<b>Rho</b> <b>0.9944</b>	<b>Frequency Error</b> <b>4.7 Hz</b>
Numeric Rho	Time Error: 0.28 us	Carrier Feedthrough: -42.75 dBc
Code Domain Power	Phase Error: 3.62 *	Magnitude Error: 4.11 %
Code Domain Power + Noise	EVM: 7.52 %	Single
	Active Cell <b>Connected</b>	Bus Type: IS-2000 Logging: No Conn.
1 of 2	Infer Offset	Help
		1 of 3



Temperature : 20 , Channel : 1023 , Radio Configuration :RC1/1

Measurement/Instrument Screen			
Control	Waveform Quality: Numeric Rho		Cell Params
Waveform Quality Setup	Rho	Frequency Error	Cell 1 Power
	<b>0.9903</b>	<b>2.7 Hz</b>	-75.00
	Time Error:	0.09 us	dBm/1.23 MHz
	Carrier Feedthrough:	-35.35 dBc	Cell Band
	Phase Error:	3.24 *	US Cellular
	Magnitude Error:	8.20 %	Channel
		Single	1023
			Protocol Rev
			6 (IS-2000)
			Radio Config
		(Fdd1, Rssi)	
		S02 (Loopback)	
		FCH Service Option Setup	
	Active Cell	Sus Type: IS-2000	
	Connected	Logging: No Conn.	
1 of 2	Infler Offset	Help	1 of 3



Temperature : 20 , Channel : 1023 , Radio Configuration :RC3/3

Measurement/Instrument Screen		
Control	Waveform Quality: Numeric Rho	
Waveform Quality Setup	<b>Rho</b> <b>0.9934</b>	<b>Frequency Error</b> <b>7.1 Hz</b>
Numeric Rho	Time Error: 0.20 us	Carrier Feedthrough: -41.97 dBc
Code Domain Power	Phase Error: 3.66 *	Magnitude Error: 5.05 %
Code Domain Power + Noise	EVM: 0.13 %	Single
	Active Cell	Bus Type: IS-2000
	Connected	Logging: No Conn.
1 of 2	Infer Offset	Help

  

Cell Params	
Cell 1 Power	-101.00
	dBm/1.23 MHz
Cell Band	US Cellular
Channel	283
Protocol Rev	6 (IS-2000)
Radio Config	(Fdd3, Rns3)
	S055 (Loopback)
FCH Service Option Setup	
	1 of 3



Temperature : 20 , Channel : 283 , Radio Configuration :RC1/1

Measurement/Instrument Screen			
Control	Waveform Quality: Numeric Rho		Cell Params
Waveform Quality Setup	Rho	Frequency Error	Cell 1 Power
	<b>0.9919</b>	<b>4.6 Hz</b>	-75.00
	Time Error:	-0.03 us	dBm/1.23 MHz
	Carrier Feedthrough:	-36.57 dBc	Cell Band
	Phase Error:	3.08 *	US Cellular
	Magnitude Error:	7.27 %	Channel
		Single	283
			Protocol Rev
			6 (IS-2000)
			Radio Config
		(Fdd1, Rns1)	
		S02 (Loopback)	
		FCH Service Option Setup	
	Active Cell	Bus Type: IS-2000	
	<b>Connected</b>	Logging: No Conn.	
1 of 2	Infler Offset	Help	1 of 3





Temperature : 20 , Channel : 777 , Radio Configuration :RC1/1

Measurement/Instrument Screen			
Control	Waveform Quality: Numeric Rho		Cell Params
Waveform Quality Setup	Rho	Frequency Error	Cell 1 Power
	<b>0.9909</b>	<b>2.8 Hz</b>	-75.00
	Time Error: -0.09 us		dBm/1.23 MHz
	Carrier Feedthrough: -38.50 dBc		Cell Band
	Phase Error: 3.32 *		US Cellular
	Magnitude Error: 7.74 %		Channel
		Single	777
			Protocol Rev
			6 (IS-2000)
			Radio Config
		(Fad1, Rus1)	
		S02 (Loopback)	
		FCH Service Option Setup	
	Active Cell	Sus Type: IS-2000	
	Connected	Logging: No Conn.	
1 of 2	Infler Offset	Help	1 of 3



Temperature : 20 , Channel : 777 , Radio Configuration :RC3/3

Measurement/Instrument Screen			
Control	Waveform Quality: Numeric Rho		Cell Params
Waveform Quality Setup	Rho	Frequency Error	Cell 1 Power
	<b>0.9929</b>	<b>-1.7 Hz</b>	-101.00
Numeric Rho	Time Error:	0.23 us	dBm/1.23 MHz
	Carrier Feedthrough:	-42.18 dBc	Cell Band
	Phase Error:	4.30 *	US Cellular
	Magnitude Error:	3.95 %	Channel
Code Domain Power	EVM:	0.48 %	777
		Single	Protocol Rev
Code Domain Power + Noise			6 (IS-2000)
			Radio Config
			(Fdd3, Rcs3)
			S055 (Loopback)
			FCH Service Option Setup
	Active Cell	Sus Type: IS-2000	
	Connected	Logging: No Conn.	
1 of 2	Infler Offset	Help	1 of 3



Temperature : 10 , Channel : 1023 , Radio Configuration :RC1/1

Measurement/Instrument Screen			
Control	Waveform Quality: Numeric Rho		Cell Params
Waveform Quality Setup	Rho	Frequency Error	Cell 1 Power
	<b>0.9905</b>	<b>6.8 Hz</b>	-75.00
	Time Error: -0.07 us		dBm/1.23 MHz
	Carrier Feedthrough: -35.71 dBc		Cell Band
	Phase Error: 3.53 *		US Cellular
	Magnitude Error: 7.67 %		Channel
		Single	1023
			Protocol Rev
			6 (IS-2000)
			Radio Config
		(Fad1, Rus1)	
		S02 (Loopback)	
		FCH Service Option Setup	
	Active Cell	Sus Type: IS-2000	
	Connected	Logging: No Conn.	
1 of 2	Infler Offset	Help	1 of 3



Temperature : 10 , Channel : 1023 , Radio Configuration :RC3/3

Measurement/Instrument Screen		
Control	Waveform Quality: Numeric Rho	
Waveform Quality Setup	<b>Rho</b> <b>0.9949</b>	<b>Frequency Error</b> <b>6.8 Hz</b>
Numeric Rho	Time Error: 0.15 us	Carrier Feedthrough: -41.85 dBc
Code Domain Power	Phase Error: 3.34 *	Magnitude Error: 4.12 %
Code Domain Power + Noise	EVM: 7.13 %	Single
	Active Cell <b>Connected</b>	Bus Type: IS-2000 Logging: No Conn.
1 of 2	Infer Offset	Help
		1 of 3



Temperature : 10 , Channel : 283 , Radio Configuration :RC1/1

Measurement/Instrument Screen			
Control	Waveform Quality: Numeric Rho		Cell Params
Waveform Quality Setup	Rho	Frequency Error	Cell 1 Power
	<b>0.9943</b>	<b>-3.2 Hz</b>	-75.00
	Time Error: -0.12 us	Carrier Feedthrough: -38.27 dBc	dBm/1.23 MHz
	Phase Error: 3.05 *	Magnitude Error: 5.46 %	Cell Band
			US Cellular
			Channel
			283
			Protocol Rev
			6 (IS-2000)
			Radio Config
		(Fdd1, Rns1)	
		S02 (Loopback)	
		FCH Service Option Setup	
	Active Cell	Bus Type: IS-2000	
	<b>Connected</b>	Logging: No Conn.	
1 of 2	Infer Offset	Help	1 of 3





Temperature : 10 , Channel : 777 , Radio Configuration :RC1/1

Measurement/Instrument Screen			
Control	Waveform Quality: Numeric Rho		Cell Params
Waveform Quality Setup	Rho	Frequency Error	Cell 1 Power
	<b>0.9917</b>	<b>-6.8 Hz</b>	-75.00
	Time Error: -0.11 us		dBm/1.23 MHz
	Carrier Feedthrough: -37.10 dBc		Cell Band
	Phase Error: 3.57 *		US Cellular
	Magnitude Error: 6.84 %		Channel
		Single	777
			Protocol Rev
			6 (IS-2000)
			Radio Config
		(Fad1, Rus1)	
		S02 (Loopback)	
		FCH Service Option Setup	
	Active Cell	Sus Type: IS-2000	
	Connected	Logging: No Conn.	
1 of 2	Infler Offset	Help	1 of 3



Temperature : 10 , Channel : 777 , Radio Configuration :RC3/3

Measurement/Instrument Screen			
Control	Waveform Quality: Numeric Rho		Cell Params
Waveform Quality Setup	Rho	Frequency Error	Cell 1 Power
	<b>0.9929</b>	<b>3.6 Hz</b>	-101.00
Numeric Rho	Time Error:	0.07 us	dBm/1.23 MHz
	Carrier Feedthrough:	-39.34 dBc	Cell Band
	Phase Error:	4.10 *	US Cellular
Code Domain Power	Magnitude Error:	4.53 %	Channel
	EVM:	0.67 %	777
Code Domain Power + Noise	Single		Protocol Rev
			6 (IS-2000)
			Radio Config
			(Fdd3, Rcs3)
			S055 (Loopback)
			FCH Service Option Setup
	Active Cell	Sis Type: IS-2000	
	Connected	Logging: No Conn.	
1 of 2	Infler Offset	Help	1 of 3



Temperature : 0 , Channel : 1023 , Radio Configuration :RC1/1

Measurement/Instrument Screen			
Control	Waveform Quality: Numeric Rho		Cell Params
Waveform Quality Setup	Rho	Frequency Error	Cell 1 Power
	<b>0.9884</b>	<b>-4.9 Hz</b>	-75.00
	Time Error:	0.04 us	dBm/1.23 MHz
	Carrier Feedthrough:	-35.50 dBc	Cell Band
	Phase Error:	3.06 *	US Cellular
	Magnitude Error:	9.46 %	Channel
		Single	1023
			Protocol Rev
			6 (IS-2000)
			Radio Config
		(Fdd1, Rns1)	
		S02 (Loopback)	
		FCH Service Option Setup	
	Active Cell	Bus Type: IS-2000	
	<b>Connected</b>	Logging: No Conn.	
1 of 2	Infler Offset	Help	1 of 3



Temperature : 0 , Channel : 1023 , Radio Configuration :RC3/3

Measurement/Instrument Screen		
Control	Waveform Quality: Numeric Rho	
Waveform Quality Setup	<b>Rho</b> <b>0.9948</b>	<b>Frequency Error</b> <b>5.9 Hz</b>
Numeric Rho	Time Error: 0.21 us	Carrier Feedthrough: -41.09 dBc
Code Domain Power	Phase Error: 3.52 *	Magnitude Error: 3.79 %
Code Domain Power + Noise	EVM: 7.21 %	Single
	Active Cell	Bus Type: IS-2000
	Connected	Logging: No Conn.
1 of 2	Infer Offset	Help
		1 of 3



Temperature : 0 , Channel : 283 , Radio Configuration :RC1/1

Measurement/Instrument Screen			
Control	Waveform Quality: Numeric Rho		Cell Params
Waveform Quality Setup	Rho	Frequency Error	Cell 1 Power
	<b>0.9916</b>	<b>4.6 Hz</b>	-75.00
	Time Error: -0.10 us		dBm/1.23 MHz
	Carrier Feedthrough: -36.74 dBc		Cell Band
	Phase Error: 3.11 *		US Cellular
	Magnitude Error: 7.45 %		Channel
		Single	283
			Protocol Rev
			6 (IS-2000)
			Radio Config
		(Fad1, Rus1)	
		S02 (Loopback)	
		FCH Service Option Setup	
	Active Cell	Sus Type: IS-2000	
	Connected	Logging: No Conn.	
1 of 2	Infler Offset	Help	1 of 3



Temperature : 0 , Channel : 283 , Radio Configuration :RC3/3

Measurement/Instrument Screen		
Control	Waveform Quality: Numeric Rho	
Waveform Quality Setup	<b>Rho</b> <b>0.9936</b>	<b>Frequency Error</b> <b>4.0 Hz</b>
Numeric Rho	Time Error: 0.14 us	Carrier Feedthrough: -41.35 dBc
Code Domain Power	Phase Error: 4.02 *	Magnitude Error: 3.94 %
Code Domain Power + Noise	EVM: 0.04 %	Single
	Active Cell	Bus Type: IS-2000
	Connected	Logging: No Conn.
1 of 2	Infer Offset	Help
		1 of 3



Temperature : 0 , Channel : 777 , Radio Configuration :RC1/1

Measurement/Instrument Screen			
Control	Waveform Quality: Numeric Rho		Cell Params
Waveform Quality Setup	Rho	Frequency Error	Cell 1 Power
	<b>0.9894</b>	<b>5.5 Hz</b>	-75.00
	Time Error:	0.07 us	dBm/1.23 MHz
	Carrier Feedthrough:	-37.22 dBc	Cell Band
	Phase Error:	3.43 *	US Cellular
	Magnitude Error:	8.48 %	Channel
		Single	777
			Protocol Rev
			6 (IS-2000)
			Radio Config
		(Fad1, Rus1)	
		S02 (Loopback)	
		FCH Service Option Setup	
	Active Cell	Sus Type: IS-2000	
	Connected	Logging: No Conn.	
1 of 2	Infler Offset	Help	1 of 3



Temperature : 0 , Channel : 777 , Radio Configuration :RC3/3

Measurement/Instrument Screen		
Control	Waveform Quality: Numeric Rho	
Waveform Quality Setup	<b>Rho</b> <b>0.9933</b>	<b>Frequency Error</b> <b>0.3 Hz</b>
Numeric Rho	Time Error: 0.17 us	Carrier Feedthrough: -40.67 dBc
Code Domain Power	Phase Error: 4.02 *	Magnitude Error: 4.24 %
Code Domain Power + Noise	EVM: 0.19 %	Single
	Active Cell <b>Connected</b>	Bus Type: IS-2000 Logging: No Conn.
1 of 2	Infer Offset	Help
		1 of 3



Temperature : -10 , Channel : 1023 , Radio Configuration :RC1/1

Measurement/Instrument Screen			
Control	Waveform Quality: Numeric Rho		Cell Params
Waveform Quality Setup	Rho	Frequency Error	Cell 1 Power
	<b>0.9909</b>	<b>2.1 Hz</b>	-75.00
	Time Error: 0.14 us		dBm/1.23 MHz
	Carrier Feedthrough: -36.72 dBc		Cell Band
	Phase Error: 3.39 *		US Cellular
	Magnitude Error: 7.66 %		Channel
		Single	1023
			Protocol Rev
			6 (IS-2000)
			Radio Config
		(Fdd1, Rns1)	
		S02 (Loopback)	
		FCH Service Option Setup	
	Active Cell	Sus Type: IS-2000	
	Connected	Logging: No Conn.	
1 of 2	Infler Offset	Help	1 of 3



Temperature : -10 , Channel : 1023 , Radio Configuration :RC3/3

Measurement/Instrument Screen		
Control	Waveform Quality: Numeric Rho	
Waveform Quality Setup	<b>Rho</b> <b>0.9944</b>	<b>Frequency Error</b> <b>8.3 Hz</b>
Numeric Rho	Time Error: 0.13 us	Carrier Feedthrough: -39.24 dBc
Code Domain Power	Phase Error: 3.68 *	Magnitude Error: 3.90 %
Code Domain Power + Noise	EVM: 7.50 %	Single
	Active Cell <b>Connected</b>	Bus Type: IS-2000 Logging: No Conn.
1 of 2	Infer Offset	Help
		1 of 3



Temperature : -10 , Channel : 283 , Radio Configuration :RC1/1

Measurement/Instrument Screen			
Control	Waveform Quality: Numeric Rho		Cell Params
Waveform Quality Setup	Rho	Frequency Error	Cell 1 Power
	<b>0.9878</b>	<b>7.2 Hz</b>	-75.00
	Time Error: -0.04 us		dBm/1.23 MHz
	Carrier Feedthrough: -39.91 dBc		Cell Band
	Phase Error: 3.24 *		US Cellular
	Magnitude Error: 8.65 %		Channel
		Single	283
			Protocol Rev
			6 (IS-2000)
			Radio Config
		(Fdd1, Rurl)	
		S02 (Loopback)	
		FCH Service Option Setup	
	Active Cell	Sus Type: IS-2000	
	Connected	Logging: No Conn.	
1 of 2	Infler Offset	Help	1 of 3





Temperature : -10 , Channel : 777 , Radio Configuration :RC1/1

Measurement/Instrument Screen			
Control	Waveform Quality: Numeric Rho		Cell Params
Waveform Quality Setup	Rho	Frequency Error	Cell 1 Power
	<b>0.9872</b>	<b>-6.8 Hz</b>	-75.00
	Time Error: -0.05 us		dBm/1.23 MHz
	Carrier Feedthrough: -36.89 dBc		Cell Band
	Phase Error: 4.88 *		US Cellular
	Magnitude Error: 7.70 %		Channel
		Single	777
			Protocol Rev
			6 (IS-2000)
			Radio Config
		(FddL, Rssi)	
		S02 (Loopback)	
		FCH Service Option Setup	
	Active Cell	Sus Type: IS-2000	
	Connected	Logging: No Conn.	
1 of 2	Infer Offset	Help	1 of 3



Temperature : -10 , Channel : 777 , Radio Configuration :RC3/3

Measurement/Instrument Screen			
Control	Waveform Quality: Numeric Rho		Cell Params
Waveform Quality Setup	Rho	Frequency Error	Cell 1 Power
	<b>0.9942</b>	<b>2.2 Hz</b>	-101.00
Numeric Rho	Time Error: 0.30 us	Carrier Feedthrough: -40.52 dBc	dBm/1.23 MHz
	Phase Error: 3.67 *	Magnitude Error: 4.18 %	Cell Band
	EVM: 7.63 %		US Cellular
Code Domain Power	Single		Channel
			777
Code Domain Power + Noise			Protocol Rev
			6 (IS-2000)
			Radio Config
			(Fdd3, Rns3)
			S055 (Loopback)
			FCH Service Option Setup
	Active Cell	Sus Type: IS-2000	
	Connected	Logging: No Conn.	
1 of 2	Infer Offset	Help	1 of 3



Temperature : -20 , Channel : 1023 , Radio Configuration :RC1/1

Measurement/Instrument Screen			
Control	Waveform Quality: Numeric Rho		Cell Params
Waveform Quality Setup	Rho	Frequency Error	Cell 1 Power
	<b>0.9902</b>	<b>-8.3 Hz</b>	-75.00
	Time Error: -0.01 us		dBm/1.23 MHz
	Carrier Feedthrough: -36.53 dBc		Cell Band
	Phase Error: 3.32 *		US Cellular
	Magnitude Error: 8.13 %		Channel
		Single	1023
			Protocol Rev
			6 (IS-2000)
			Radio Config (Fdd1, Rns1)
		502 (Loopback)	
		FCH Service Option Setup	
	Active Cell Connected	Sus Type: IS-2000	
		Logging: No Conn.	
1 of 2	Infler Offset	Help	1 of 3



Temperature : -20 , Channel : 1023 , Radio Configuration :RC3/3

Measurement/Instrument Screen		
Control	Waveform Quality: Numeric Rho	
Waveform Quality Setup	<b>Rho</b> <b>0.9916</b>	<b>Frequency Error</b> <b>-6.4 Hz</b>
Numeric Rho	Time Error: 0.17 us	Carrier Feedthrough: -39.91 dBc
Code Domain Power	Phase Error: 4.78 *	Magnitude Error: 3.77 %
Code Domain Power + Noise	EVM: 9.18 %	Single
	Active Cell	Bus Type: IS-2000
	Connected	Logging: No Conn.
1 of 2	Infer Offset	Help

  

Cell Params	
Cell 1 Power	-101.00
	dBm/1.23 MHz
Cell Band	US Cellular
Channel	1023
Protocol Rev	6 (IS-2000)
Radio Config	(Fud3, Rus3)
	S855 (Loopback)
FCH Service Option Setup	
	1 of 3



Temperature : -20 , Channel : 283 , Radio Configuration :RC1/1

Measurement/Instrument Screen			
Control	Waveform Quality: Numeric Rho		Cell Params
Waveform Quality Setup	Rho	Frequency Error	Cell 1 Power
	<b>0.9821</b>	<b>10.0 Hz</b>	-75.00
	Time Error: 0.05 us		dBm/1.23 MHz
	Carrier Feedthrough: -35.07 dBc		Cell Band
	Phase Error: 4.26 *		US Cellular
	Magnitude Error: 11.28 %		Channel
		Single	283
			Protocol Rev
			6 (IS-2000)
			Radio Config
		(Fdd1, Rns1)	
		S02 (Loopback)	
		FCH Service Option Setup	
	Active Cell	Sus Type: IS-2000	
	Connected	Logging: No Conn.	
1 of 2	Infler Offset	Help	1 of 3



Temperature : -20 , Channel : 283 , Radio Configuration :RC3/3

Measurement/Instrument Screen			
Control	Handoff Waveform Quality		Cell Params
Handoff Waveform Quality Setup	Rho	Frequency Error	Cell 1 Power
	<b>0.9898</b>	<b>-1.10 Hz</b>	-101.00
	Time Error:	0.22 us	dBm/1.23 MHz
	Carrier Feedthrough:	-45.04 dBc	Cell Band
	Phase Error:	5.18 *	US Cellular
	Magnitude Error:	4.57 %	Channel
		Single	283
			Protocol Rev
			6 (IS-2000)
			Radio Config
		(Fdd3, Rns3)	
		S055 (Loopback)	
		FCH Service Option Setup	
	Active Cell	Bus Type: IS-2000	
	<b>Connected</b>	Logging: No Conn.	
1 of 2	Infer Offset	Help	1 of 3



Temperature : -20 , Channel : 777 , Radio Configuration :RC1/1

Measurement/Instrument Screen			
Control	Waveform Quality: Numeric Rho		Cell Params
Waveform Quality Setup	Rho	Frequency Error	Cell 1 Power
	<b>0.9839</b>	<b>10.8 Hz</b>	-75.00
	Time Error:	0.02 us	dBm/1.23 MHz
	Carrier Feedthrough:	-36.47 dBc	Cell Band
	Phase Error:	4.46 *	US Cellular
	Magnitude Error:	10.19 %	Channel
		Single	777
			Protocol Rev
			6 (IS-2000)
			Radio Config
		(Fdd1, Rssi)	
		S02 (Loopback)	
		FCH Service Option Setup	
	Active Cell	Sus Type: IS-2000	
	Connected	Logging: No Conn.	
1 of 2	Infer Offset	Help	1 of 3



Temperature : -20 , Channel : 777 , Radio Configuration :RC3/3

Measurement/Instrument Screen			
Control	Handoff Waveform Quality		Cell Params
Handoff Waveform Quality Setup	Rho	Frequency Error	Cell 1 Power
	<b>0.9919</b>	<b>-8.19 Hz</b>	-101.00
	Time Error:	0.30 us	dBm/1.23 MHz
	Carrier Feedthrough:	-39.00 dBc	Cell Band
	Phase Error:	4.58 *	US Cellular
	Magnitude Error:	4.26 %	Channel
		Single	777
			Protocol Rev
			6 (IS-2000)
			Radio Config
		(Fdd3, Rcs3)	
		S055 (Loopback)	
		FCH Service Option Setup	
	Active Cell	Bus Type: IS-2000	
	<b>Connected</b>	Logging: No Conn.	
1 of 2	Infer Offset	Help	1 of 3



Temperature : -30 , Channel : 1023 , Radio Configuration :RC1/1

Measurement/Instrument Screen			
Control	Waveform Quality: Numeric Rho		Cell Params
Waveform Quality Setup	Rho	Frequency Error	Cell 1 Power
	<b>0.9876</b>	<b>10.3 Hz</b>	-75.00
	Time Error: 0.08 us		dBm/1.23 MHz
	Carrier Feedthrough: -34.77 dBc		Cell Band
	Phase Error: 3.87 *		US Cellular
	Magnitude Error: 9.00 %		Channel
		Single	1023
			Protocol Rev
			6 (IS-2000)
			Radio Config
		(Fdd1, Rns1)	
		S02 (Loopback)	
		FCH Service Option Setup	
	Active Cell	Sus Type: IS-2000	
	Connected	Logging: No Conn.	
1 of 2	Infler Offset	Help	1 of 3



Temperature : -30 , Channel : 1023 , Radio Configuration :RC3/3

Measurement/Instrument Screen			
Control	Waveform Quality: Numeric Rho		Cell Params
Waveform Quality Setup	Rho	Frequency Error	Cell 1 Power
	<b>0.9916</b>	<b>8.0 Hz</b>	-101.00
Numeric Rho	Time Error: 0.27 us	Carrier Feedthrough: -30.47 dBc	dBm/1.23 MHz
	Phase Error: 4.82 *	Magnitude Error: 3.77 %	Cell Band
	EVM: 9.21 %		US Cellular
Code Domain Power	Single		Channel
			1023
Code Domain Power + Noise			Protocol Rev
			6 (IS-2000)
			Radio Config
			(Fdd3, Rns3)
			S055 (Loopback)
			FCH Service Option Setup
	Active Cell	Sus Type: IS-2000	
	Connected	Logging: No Conn.	
1 of 2	Infltr Offset	Help	1 of 3



Temperature : -30 , Channel : 283 , Radio Configuration :RC1/1

Measurement/Instrument Screen			
Control	Waveform Quality: Numeric Rho		Cell Params
Waveform Quality Setup	Rho	Frequency Error	Cell 1 Power
	<b>0.9846</b>	<b>7.4 Hz</b>	-75.00
	Time Error: 0.11 us		dBm/1.23 MHz
	Carrier Feedthrough: -37.01 dBc		Cell Band
	Phase Error: 4.53 *		US Cellular
	Magnitude Error: 9.81 %		Channel
		Single	283
			Protocol Rev
			6 (IS-2000)
			Radio Config
		(Fdd1, Rns1)	
		S02 (Loopback)	
		FCH Service Option Setup	
	Active Cell	Sus Type: IS-2000	
	Connected	Logging: No Conn.	
1 of 2	Infler Offset	Help	1 of 3



Temperature : -30 , Channel : 283 , Radio Configuration :RC3/3

Measurement/Instrument Screen			
Control	Waveform Quality: Numeric Rho		Cell Params
Waveform Quality Setup	<b>Rho</b> <b>0.9926</b>	<b>Frequency Error</b> <b>7.8 Hz</b>	Cell 1 Power -101.00 dBm/1.23 MHz
Numeric Rho	Time Error: 0.15 us	Carrier Feedthrough: -40.74 dBc	Cell Band US Cellular
Code Domain Power	Phase Error: 3.48 *	Magnitude Error: 6.12 %	Channel 283
Code Domain Power + Noise	EVM: 0.60 %	Single	Protocol Rev 6 (IS-2000)
			Radio Config (Fdd3, Rns3) S055 (Loopback)
			FCH Service Option Setup
	Active Cell <b>Connected</b>	Bus Type: IS-2000	
		Logging: No Conn.	
1 of 2	Infer Offset	Help	1 of 3



Temperature : -30 , Channel : 777 , Radio Configuration :RC1/1

Measurement/Instrument Screen			
Control	Waveform Quality: Numeric Rho		Cell Params
Waveform Quality Setup	<b>Rho</b>	<b>Frequency Error</b>	Cell 1 Power
	<b>0.9820</b>	<b>-10.7 Hz</b>	-75.00
	Time Error:	0.10 us	dBm/1.23 MHz
	Carrier Feedthrough:	-35.65 dBc	Cell Band
	Phase Error:	4.77 *	US Cellular
	Magnitude Error:	10.85 %	Channel
		Single	777
			Protocol Rev
			6 (IS-2000)
			Radio Config
		(Fdd1, Rns1)	
		S02 (Loopback)	
		FCH Service Option Setup	
	Active Cell	Bus Type: IS-2000	
	<b>Connected</b>	Logging: No Conn.	
1 of 2	Infler Offset	Help	1 of 3



Temperature : -30 , Channel : 777 , Radio Configuration :RC3/3

Measurement/Instrument Screen		
Control	Waveform Quality: Numeric Rho	
Waveform Quality Setup	<b>Rho</b> <b>0.9929</b>	<b>Frequency Error</b> <b>-1.7 Hz</b>
Numeric Rho	Time Error: 0.23 us	Carrier Feedthrough: -42.18 dBc
Code Domain Power	Phase Error: 4.30 *	Magnitude Error: 3.95 %
Code Domain Power + Noise	EVM: 0.48 %	Single
	Active Cell	Bus Type: IS-2000
	Connected	Logging: No Conn.
1 of 2	Infer Offset	Help

  

Cell Params	
Cell 1 Power	-101.00
	dBm/1.23 MHz
Cell Band	US Cellular
Channel	777
Protocol Rev	6 (IS-2000)
Radio Config	(Fud3, Rus3)
	S855 (Loopback)
FCH Service Option Setup	
	1 of 3