

11/7/2007 22:30

Global Test Conditions:

SDR-OEM-CF (Beta2.0):
 Firmware Version: 0.9.111207
 Power supply: Agilent E3611A, current limit at 560 mA
 Ammeter: Fluke 189, 400mA max. input, non-“fast” averaging
 Voltmeter: Fluke 189 1000DCV max. (voltage verified before and after tests)
 Compact Flash: Sandisk 256MB P/N AR0604Z9B SDCFJ
 Test times: All tests were conducted on one minute intervals when possible
 Configuration Port Baud Rate: 115200

Test 1 CF Card: In
 Data Port: Disconnected
 Configuration Port: Disconnected
 ANSI mode: On
 J7 Input: 12.00 VDC Regulated
 J1 Input: N/A
 Data Input: None
 Recording: Off
 Menu: N/A

Current (mA)		
Maximum	Minimum	Average
10.727	9.239	9.358

Test 2 CF Card: In
 Data Port: Disconnected
 Configuration Port: Connected to PC
 ANSI mode: On
 J7 Input: 12.00 VDC Regulated
 J1 Input: N/A
 Data Input: None
 Recording: Off
 Menu: Main

Current (mA)		
Maximum	Minimum	Average
12.83	11.16	11.295

Test 3 CF Card: In
 Data Port: Connected to PC
 Configuration Port: Connected to PC
 ANSI mode: On
 J7 Input: 12.00 VDC Regulated
 J1 Input: N/A
 Data Input: None
 Recording: Off
 Menu: Main/Sub Menu(1,2,4)

Current (mA)		
Maximum	Minimum	Average
15.27	13.586	13.738

Test 4 CF Card: In
 Data Port: Connected to PC
 Configuration Port: Connected to PC
 ANSI mode: On
 J7 Input: 12.00 VDC Regulated
 J1 Input: N/A
 Data Input: None
 Recording: Off
 Menu: Sub Menu (3,5,6,7,8,9)

Current (mA)		
Maximum	Minimum	Average
16.382	16.286	16.306

Test 5 CF Card: In
 Data Port: Connected to PC
 Configuration Port: Connected to PC
 ANSI mode: On
 J7 Input: 12.00 VDC Regulated
 J1 Input: N/A
 Data Input: None
 Recording: Started 1 second into test
 Menu: Main Menu to Recording

Current (mA)		
Maximum	Minimum	Average
34.177	13.566	14.111

Test 6 CF Card: In
 Data Port: Connected to PC
 Configuration Port: Connected to PC
 ANSI mode: On
 J7 Input: 12.00 VDC Regulated
 J1 Input: N/A
 Data Input: 9600 streaming
 Recording: Off
 Menu: Passthrough

Current (mA)		
Maximum	Minimum	Average
18.363	12.455	16.16

Test 7 CF Card: In
 Data Port: Connected to PC
 Configuration Port: Connected to PC
 ANSI mode: On
 J7 Input: 12.00 VDC Regulated
 J1 Input: N/A
 Data Input: 9600 streaming
 Recording: On
 Menu: Passthrough

Current (mA)		
Maximum	Minimum	Average
34.446	30.377	33.718

Test 8 CF Card: In
 Data Port: Connected to PC
 Configuration Port: Connected to PC
 ANSI mode: On
 J7 Input: 12.00 VDC Regulated
 J1 Input: N/A
 Data Input: 115200 streaming
 Recording: Off
 Menu: Passthrough

Current (mA)		
Maximum	Minimum	Average
19.513	16.033	19.333

Test 9 CF Card: In
 Data Port: Connected to PC
 Configuration Port: Connected to PC
 ANSI mode: On
 J7 Input: 12.00 VDC Regulated
 J1 Input: N/A
 Data Input: 115200 streaming
 Recording: On
 Menu: Passthrough

Current (mA)		
Maximum	Minimum	Average
35.888	13.758	34.376

Test 10 CF Card: Out
 Data Port: Disconnected
 Configuration Port: Disconnected
 ANSI mode: Off
 J7 Input: 12.00 VDC Regulated
 J1 Input: N/A
 Data Input: None
 Recording: Off
 Menu: Main

Current (mA)		
Maximum	Minimum	Average
7.981	7.915	7.936