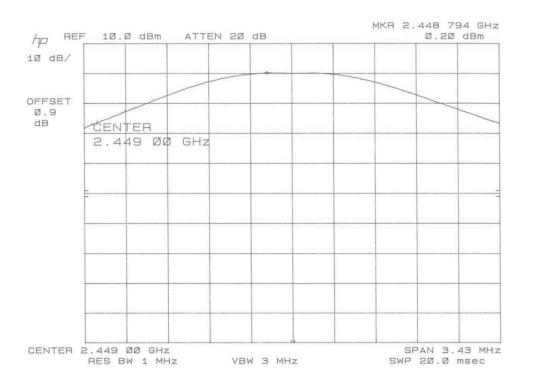


		`	t I OWCI (C	zona)						
DNB Job Nu	mber: 8	6043		Date:	14 Jan 2					
Customer:	C	Celio Technolo	gy Corporation			S	Standard			
Model Numb	er: R	REDFLY C8				FC	FCC Part 15			
Description:	S	mart Phone C	ompanion			15	Clause			
	1Mbps data rate (Basic data rate) - Low Channel									
	Environmental Conditions									
Ambie	ent Temperatu	re	Relative 1	Humidity	]	Barometric Pre	ometric Pressure			
	21 °C		25	%		101.2 kPa	101.2 kPa			
EUT performed within the requirements of the applicable standard [X] Yes [] No Les Payne										
Freq MHz	Meas Peak Pwr (dBm)	Limit (dBm)	Delta (dBm)	Meas Peak Pwr (mW)	Limit (mW)	Delta (mW)	Pass/Fail			
2402	- 2.90	20.97	-23.87	0.513	125	-124.487	Pass			



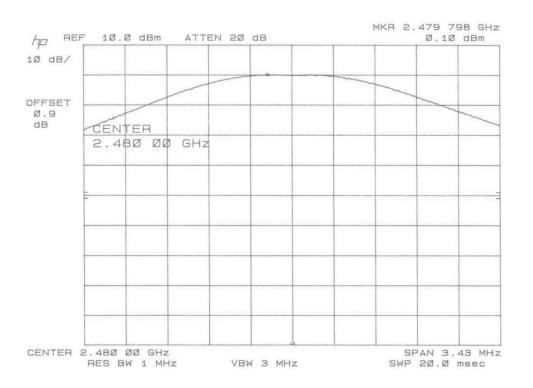


		`	-,	LIUN	Tower (Cond)					
DNB Job Nu	mber: 8	6043		Date:	14 Jan 2	8008	Conformance			
Customer:	C	elio Technol	ogy Corporation	·			Standard			
Model Numb	er: R	EDFLY C8					FC	C Part 15		
Description:	S	Smart Phone Companion Clause								
	1	Mbps data ra	bps data rate (Basic data rate) - Mid Channel							
Environmental Conditions										
Ambi	ent Temperatu	re	Relative I	Humidity		Barome	metric Pressure			
	21 °C		25 %				1.2 kPa			
EUT perform	ned within the	requirements	of the applicable	standard [X	X] Yes [] No	Les	Payne			
Freq MHz	Meas Peak Pwr (dBm)	Limit (dBm)	Delta (dBm)	Meas Peak Pwr (mW)	Limit (mW)	Pass/I				
2449	0.20	20.97	-20.77	1.047	125	125 -123.952 Pass				



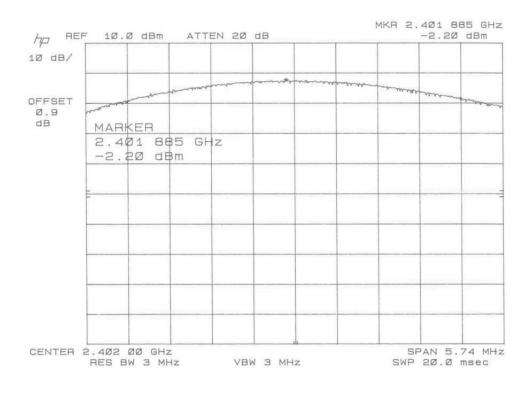


				r ower (cond)						
DNB Job Nu	mber: 8	6043		Date:	14 Jan 2	2008				
Customer:	C	Celio Techno	logy Corporation				Standard			
Model Numb	er: R	REDFLY C8					FC	C Part 15		
Description:	S	mart Phone	Companion					Clause		
	1	1Mbps data rate (Basic data rate) - High Channel								
Environmental Conditions										
Ambie	ent Temperatu	re	Relative I	Humidity	]	Baromet	metric Pressure			
	21 °C		25	%		101	.2 kPa			
EUT perform	ned within the	requirements	of the applicable	standard [X	X] Yes [] No	Les	Payne			
Freq MHz	Meas Peak Pwr (dBm)	Limit (dBm)	Delta (dBm)	Meas Peak Pwr (mW)	Limit (mW)			Pass/Fail		
2480	0.10	20.97	-20.87	1.023	125	-123.9	977	Pass		



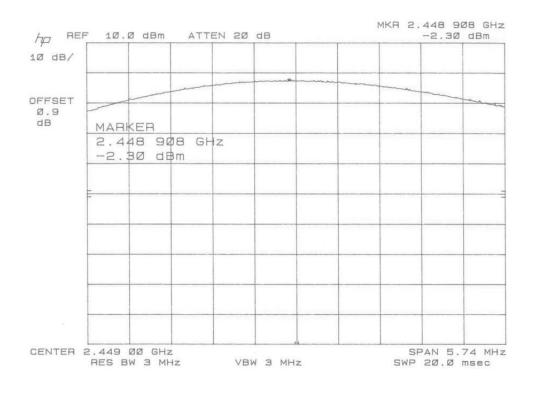


			t Tower (Cond)							
DNB Job Nu	mber: 80	6043		Date:	14 Jan 2	2008		formance		
Customer:	С	elio Technol	ogy Corporation	·			Standard			
Model Numb	er: R	EDFLY C8					FCC Part 15			
Description:	S	Smart Phone Companion Clause								
	21	2Mbps data rate - Low Channel								
	Environmental Conditions									
Ambi	ent Temperatui	re	Relative I	Humidity	]	Barome	metric Pressure			
	21 °C		25	%		10	1.2 kPa			
EUT perform	ned within the	requirements	of the applicable	standard [X	X] Yes [] No	) Les	Payne			
Freq MHz	Meas Peak Pwr (dBm)	Limit (dBm)	Delta (dBm)	Meas Peak Pwr (mW)	Limit (mW)	Pass		Pass/Fail		
2402	-2.20	20.97	-23.17	0.603	125	125 -124.397 Pa				



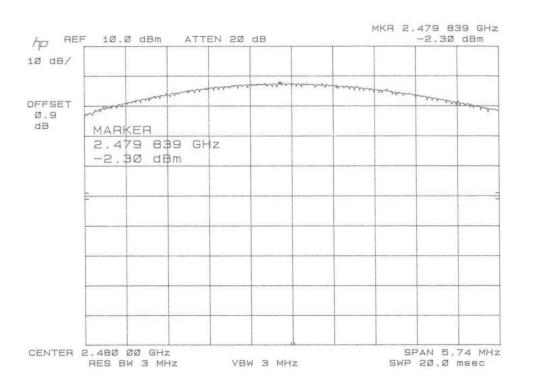


		•	i i owei (c	Tower (Cond)						
DNB Job Nu	mber: 8	6043		Date:	14 Jan 2					
Customer:	C	elio Technolo	gy Corporation			S	Standard			
Model Numb	er: R	EDFLY C8				FC	FCC Part 15			
Description:	S		Clause							
	2	Mbps data rate	15	.247(b,1)						
	Environmental Conditions									
Ambie	ent Temperatu	re	Relative	Humidity	]	Barometric Pro	ometric Pressure			
	21 °C		25	%		101.2 kPa	101.2 kPa			
EUT performed within the requirements of the applicable standard [X] Yes [] No Les Payne										
Freq MHz	Meas Peak Pwr (dBm)	Limit (dBm)	Delta (dBm)	Meas Peak Pwr (mW)	Limit (mW)	Delta (mW)	Pass/Fail			
2449	-2.30 20.97		-23.27	0.589	125	-124.411	Pass			



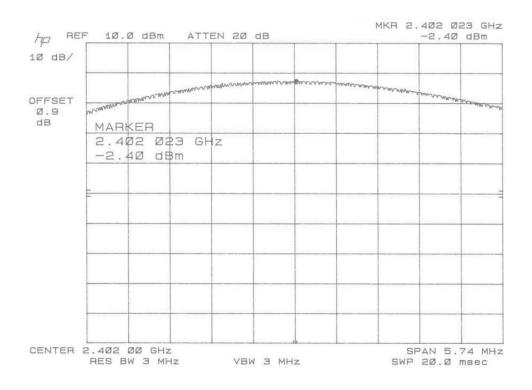


		T can Output I							ower (cond)		
DNB Job Nu	mber: 8	6043			Date:	1	4 Jan 2	800		formance	
Customer:	C	Celio Techn	ology Corporat	ion					Standard		
Model Numb	er: R	REDFLY C	8						FC	C Part 15	
Description:	S	Smart Phone Companion Clause									
	2	2Mbps data rate - High Channel								247(b,1)	
Environmental Conditions											
Ambie	ent Temperatu	re	Relati	ive Hur	nidity		I	Barome	metric Pressure		
	21 °C			25 %				10	1.2 kPa		
EUT perform	ed within the	requiremen	ts of the applica	able sta	andard [X	X] Yes	[ ] No	Les	. Payne		
Freq MHz	Meas Peak Pwr (dBm)	Limit (dBm)			Ieas Peak wr (mW)				elta W)	Pass/Fail	
2480	-2.30	20.97	-23.97		0.589	12	125 -124		1.411	Pass	



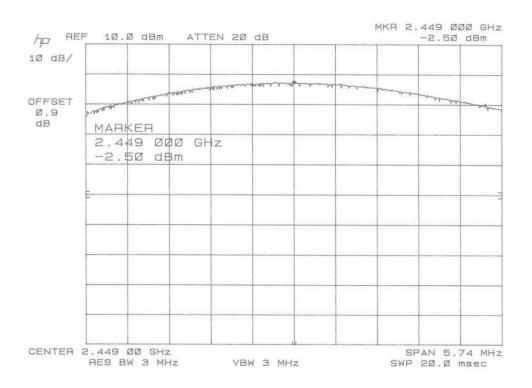


			,	2 0 11 (0 0 11 0 )					
DNB Job Nu	mber: 8	6043		Date:	14 Jan 2		onformance		
Customer:	C	elio Technolo	gy Corporation				Standard		
Model Numb	er: R	EDFLY C8				F	FCC Part 15		
Description:	S	mart Phone C		Clause					
	3:	Mbps data rat	1	5.247(b,1)					
Environmental Conditions									
Ambie	ent Temperatur	re	Relative I	Humidity	]	Barometric P	netric Pressure		
	21 °C		25	%		101.2 k	Pa		
EUT perform	ned within the	requirements	of the applicable	standard [X	X] Yes [] No	Les Payn	ne e		
Freq MHz	Meas Peak Pwr (dBm)	Limit (dBm)	Delta (dBm)	Meas Peak Pwr (mW)	Limit (mW)				
2402	-2.40	20.97	-23.37	0.575	125	-124.425	Pass		



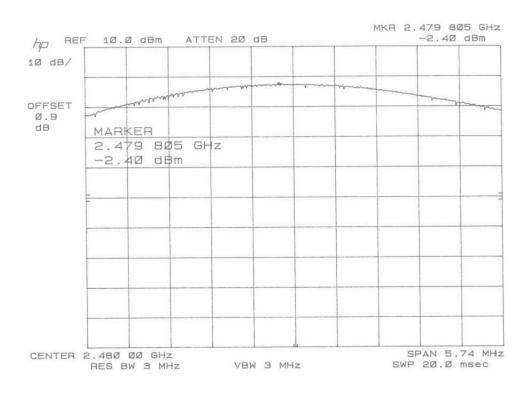


		`	t I OWCI (C	Jonu)						
DNB Job Nu	mber: 8	66043		Date:	14 Jan 2					
Customer:	(	Celio Technolo	gy Corporation			S	Standard			
Model Numb	er: F	REDFLY C8				FC	C Part 15			
Description:	S	Smart Phone C	ompanion				Clause .247(b,1)			
	3Mbps data rate - Mid Channel									
	Environmental Conditions									
Ambie	ent Temperatu	re	Relative	Humidity	]	Barometric Pro	ometric Pressure			
	21 °C		25	%		101.2 kPa	101.2 kPa			
EUT perform	ned within the	requirements	of the applicable	standard [X	[]Yes []No	Les Payne				
Freq MHz	Meas Peak Pwr (dBm)	Limit (dBm)	Delta (dBm)	Meas Peak Pwr (mW)	Limit (mW)	Delta (mW)	Pass/Fail			
2449	-2.50 20.9		-23.47	0.562	125	-124.438	Pass			





		11111 (	133) 330 1130	rower (	rower (Cond)					
DNB Job Nu	mber: 8	36043		Date:	14 Jan 2		nformance			
Customer:	(	Celio Techno	ology Corporation			S	tandard			
Model Numb	er: I	REDFLY C8	3			FC	CC Part 15			
Description:	S	Smart Phone	Clause							
	3	Mbps data 1	rate - High Channe	15	5.247(b,1)					
	Environmental Conditions									
Ambie	ent Temperatu	ire	Relative	Humidity	]	Barometric Pr	metric Pressure			
	21 °C		25	%		101.2 kP	a			
EUT perform	EUT performed within the requirements of the applicable standard [X] Yes [] No Les Payne									
Freq MHz	Meas Peak Pwr (dBm)	Limit (dBm)	Delta (dBm)	Meas Peak Pwr (mW)	Limit (mW)	Pa				
2480	-2.40	20.97 -23.37 0.575 125 -1			-124.425	Pass				



#### 15.247 (d) Conducted Band Edge Measurements and Out of Band Emissions

#### **Band-edge Compliance of RF Conducted Emissions**

Use the following spectrum analyzer settings:

Span = wide enough to capture the peak level of the emission operating on the channel closest to the bandedge, as well as any modulation products which fall outside of the authorized band of operation

RBW 1% of the span VBW RBW Sweep = auto Detector function = peak Trace = max hold

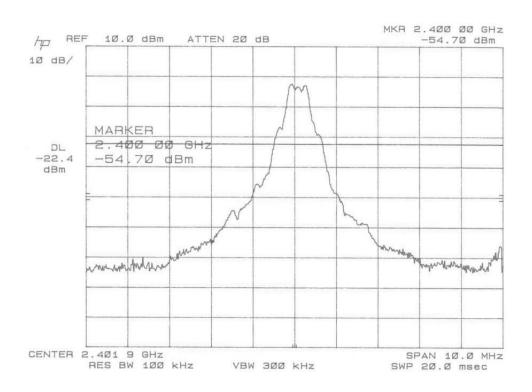
Allow the trace to stabilize. Set the marker on the emission at the bandedge, or on the highest modulation product outside of the band, if this level is greater than that at the bandedge. Enable the marker-delta function, then use the marker-to-peak function to move the marker to the peak of the in-band emission. The marker-delta value now displayed must comply with the limit specified in this Section. Submit this plot.

Now, using the same instrument settings, enable the hopping function of the EUT. Allow the trace to stabilize. Follow the same procedure listed above to determine if any spurious emissions caused by the hopping function also comply with the specified limit. Submit this plot.

Test Set Up: Same as 15.247 (a,2) 20 dB Emission Bandwidth

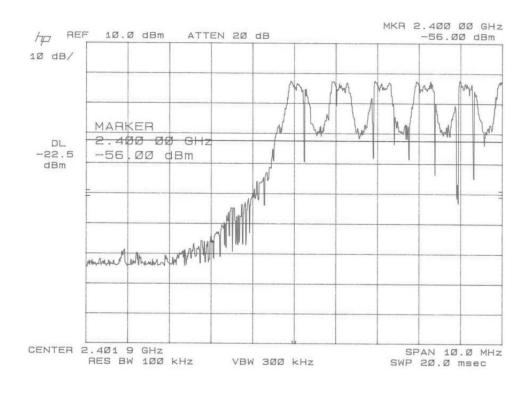


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DNB Job Nu	mber:	86043	Date:			15 Jan	2008	Conformance		
Customer:		Celio Techr	nolog	y Corporation				Standard		
Model Numb	er:	REDFLY C	18					FCC Part 15		
Description:		Smart Phon	e Co	mpanion					Clause	
1Mbps data rate (Basic data rate)								15	5.247(d)	
Ambi	ent Tempera	ture	Relative Humidity Bard					netric Pre	essure	
	19 °C		28 %					101.8 kPa		
EUT perforn	ned within th	e requireme	nts o	f the applicable	standard [X	X] Yes [] N	o Le	es Payne		
Band Edge				Radiated Corrected Edge Measurement						
Limit	Lower (MHz)	Uppe (MHz		Limit (dBuV/m)	Measured (dBuV/m)	Delta (dBuV)		Freq Delta	Pass/Fail	
2400	2401.5	2401.5		54.0	44.6	-9.4	1.5	5MHz	Pass	



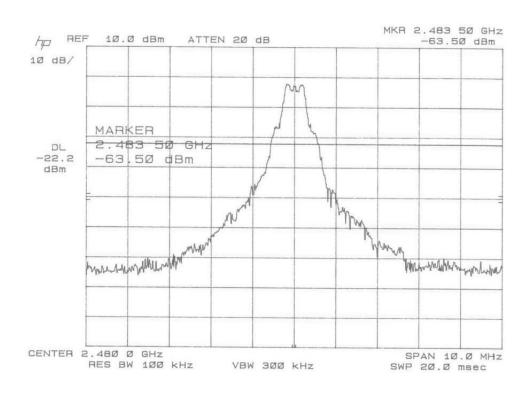


			` ′	D.	Dana Dage Measurements					
DNB Job Nu	mber:	86043	13 Da			15 Jan	2008			
Customer:		Celio Techi	nolog	y Corporation				St	andard	
Model Numb	er:	REDFLY C	:8					FCC Part 15		
Description: Smart Phone Companion								Clause		
1Mbps data rate (Basic data rate)								15	5.247(d)	
Ambi	ent Tempera	ture		Relative l	Humidity	Baron	netric Pre	essure		
	19 °C		28 %					01.8 kPa	l	
EUT perform	ned within th	ne requireme	nts of	f the applicable	standard [X	X]Yes []I	No L	es Payne		
Band Edge				Radiated Corrected Edge Measurement						
Limit	Lower (MHz)	Uppe (MHz		Limit (dBuV/m)	Measured (dBuV/m)	Delta (dBuV)		Freq Delta	Pass/Fail	
2400	2401.5			54.0	44.6	-9.4	9.4 1.		Pass	



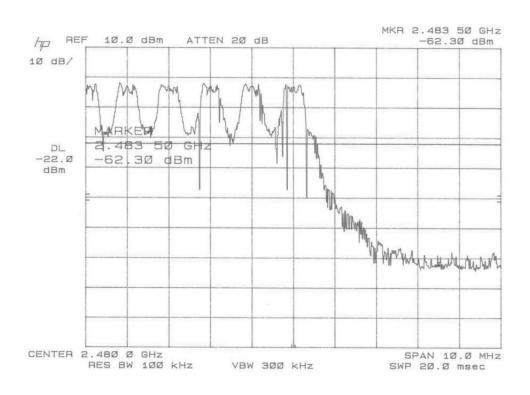


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DNB Job Nu	mber:	86043			Date:	15 Jar	2008			
Customer:		Celio Techi	nolog	y Corporation	·			Standard		
Model Numb	er:	REDFLY C	18					FC	FCC Part 15	
Description: Smart Phone Companion									Clause	
1Mbps data rate (Basic data rate)								15	5.247(d)	
Ambi	ent Tempera	iture	Relative Humidity Baron					netric Pre	essure	
	19 °C		28 %					101.8 kPa		
EUT perform	ned within th	ne requireme	nts o	f the applicable	standard [X	X] Yes [] I	No L	es Payne		
Band Edge				Radiated Corrected Edge Measurement						
Limit	Lower (MHz)	Uppe (MHz		Limit (dBuV/m)	Measured (dBuV/m)	Delta (dBuV)		Freq Delta	Pass/Fail	
2483.5	2480.5		5	54.0	29.0	-25.0	3.0	0MHz	Pass	



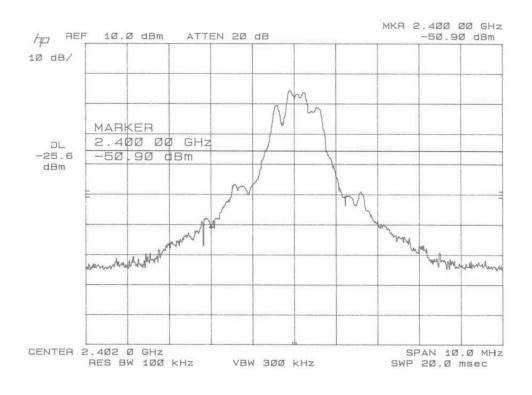


		Dana Luge Measurer								CIICS		
DNB Job Nu	mber:	86043			Date:		15 Jan 2	800				
Customer:		Celio Techr	Celio Technology Corporation							Standard		
Model Numb	er:	: REDFLY C8							FCC Part 15			
Description: Smart Phone Companion									Clause			
		1Mbps data	Mbps data rate (Basic data rate)							.247(d)		
Ambi	ent Tempera	iture		Relative l	Humidity		I	Barom	metric Pressure			
	19 °C			28	%			10	101.8 kPa			
EUT perform	ned within th	ne requireme	nts of	f the applicable	standard [X	K] Ye	s []No	Les	s Payne			
	Band Edge Radiated Corrected Edge Measurement					irement						
Limit	Lower (MHz)	Uppe (MHz		Limit (dBuV/m)	Measured (dBuV/m)		Delta lBuV)		req elta	Pass/Fail		
2483.5		2480.5		54.0	29.0		-25.0	3.0	MHz	Pass		



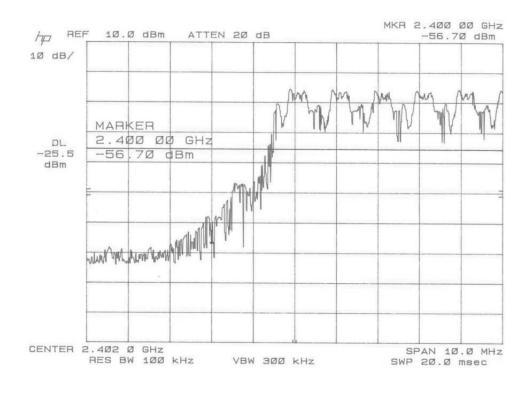


	Dana Dage Meas								CIICS	
DNB Job Nu	mber:	86043			Date:	15 Ja	n 2008		formance	
Customer:		Celio Techi	nolog	y Corporation				Standard		
Model Numb	Model Number: REDFLY C8							FC	FCC Part 15	
Description: Smart Phone Companion									Clause	
		2Mbps data rate							5.247(d)	
Ambi	Ambient Temperature Relative Humidity Baron						metric Pressure			
	19 °C			28	%		1	101.8 kPa		
EUT perform	ned within th	ne requireme	nts of	f the applicable	standard [X	[] Yes	No L	es Payne		
	Band Edge				rrected Edge N	ge Measurement				
Limit	Lower (MHz)	Uppe (MHz		Limit (dBuV/m)	Measured (dBuV/m)	Delta (dBuV)		Freq Delta	Pass/Fail	
2400	2401.3			54.0	42.6	-11.4	1.	3MHz	Pass	



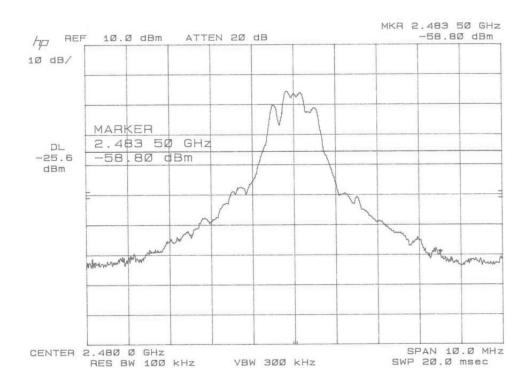


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DNB Job Nu	mber:	86043			Date:	15 Jan 2	2008			
Customer:		Celio Techr	ology	y Corporation				Standard		
Model Number: REDFLY C8								FC	C Part 15	
Description: Smart Phone Companion									Clause	
		2Mbps data rate							5.247(d)	
Ambient Temperature Relative Humidity Baron							Barom	metric Pressure		
	19 °C			28	%		10	101.8 kPa		
EUT perform	ned within th	e requireme	nts of	the applicable	standard [X	Yes []No	) Le	s Payne		
	Band Edge Radiated Corrected Edge Measurement									
Limit	Lower (MHz)	Upper (MHz		Limit (dBuV/m)	Measured (dBuV/m)	Delta (dBuV)		req elta	Pass/Fail	
2400	2401.4	.4		54.0	42.6	-11.4	1.4	MHz	Pass	



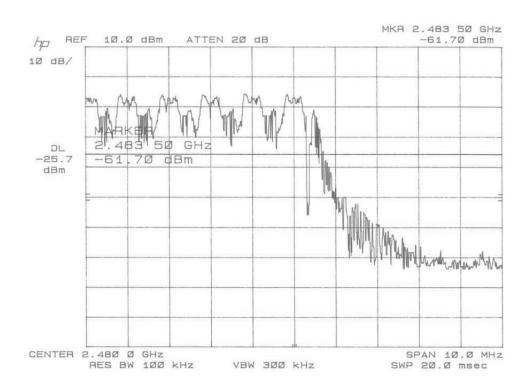


	Dand Edge Weas									
DNB Job Nu	mber:	86043			Date:	15 Ja	n 2008			
Customer:		Celio Techr	olog	y Corporation				Standard		
Model Numb	Model Number: REDFLY C8							FC	C Part 15	
Description: Smart Phone Companion									Clause	
		2Mbps data rate							5.247(d)	
Ambi	Ambient Temperature Relative Humidity Baron							netric Pre	netric Pressure	
	19 °C			28	%		1	101.8 kPa		
EUT perforn	ned within th	e requireme	ıts of	f the applicable	standard [X	[]Yes []	No L	es Payne		
	Band Edge	nd Edge Radiated Corrected Edge Measurement								
Limit	Lower (MHz)	Upper (MHz		Limit (dBuV/m)	Measured (dBuV/m)	Delta (dBuV)		Freq Delta	Pass/Fail	
2483.5		2480.7		54.0	29.1	-24.9	2.	8MHz	Pass	



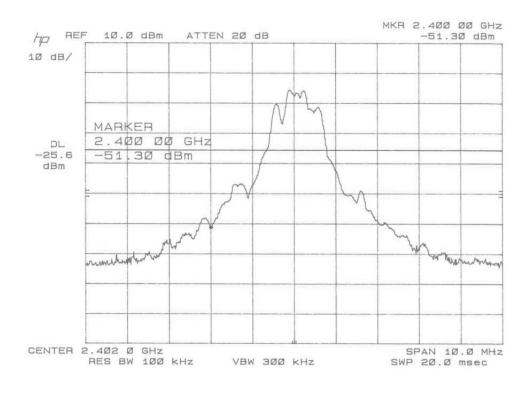


	Dand Edge Weas									
DNB Job Nu	mber:	86043			Date:	15 Ja	n 2008			
Customer:		Celio Techr	olog	y Corporation				Standard		
Model Numb	Model Number: REDFLY C8							FC	C Part 15	
Description: Smart Phone Companion									Clause	
		2Mbps data rate							5.247(d)	
Ambi	Ambient Temperature Relative Humidity Baron							netric Pre	netric Pressure	
	19 °C			28	%		1	101.8 kPa		
EUT perforn	ned within th	e requireme	ıts of	f the applicable	standard [X	[]Yes []	No L	es Payne		
	Band Edge	nd Edge Radiated Corrected Edge Measurement								
Limit	Lower (MHz)	Upper (MHz		Limit (dBuV/m)	Measured (dBuV/m)	Delta (dBuV)		Freq Delta	Pass/Fail	
2483.5		2480.7		54.0	29.1	-24.9	2.	8MHz	Pass	



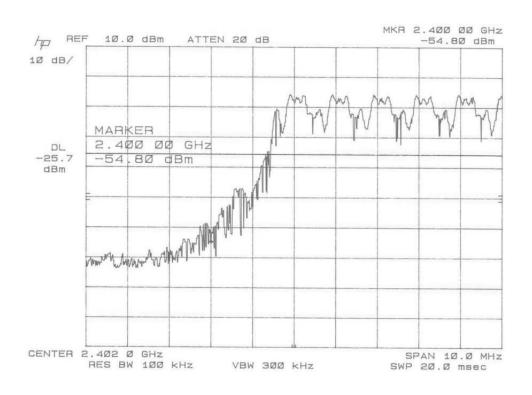


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DNB Job Nu	mber:	86043			Date:	15 Ja	n 2008			
Customer:		Celio Techi	nolog	y Corporation				Standard		
Model Numb	umber: REDFLY C8							FC	FCC Part 15	
Description: Smart Phone Companion									Clause	
		3Mbps data rate							5.247(d)	
Ambi	Ambient Temperature Relative Humidity Baron						metric Pressure			
	19 °C			28	%		1	101.8 kPa		
EUT perform	ned within th	e requireme	nts of	f the applicable	standard [X	[] Yes	No L	es Payne		
	Band Edge Radiated Correct					1easurement				
Limit	Lower (MHz)	Uppe (MHz		Limit (dBuV/m)	Measured (dBuV/m)	Delta (dBuV)		Freq Delta	Pass/Fail	
2400	2401.4			54.0	43.1	-10.9	1.4	4MHz	Pass	



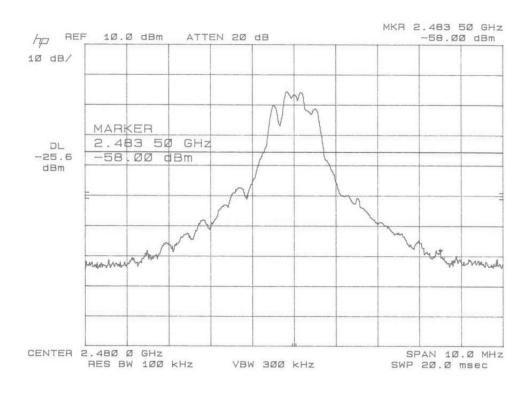


	Dana Dage Measu.								CIICS	
DNB Job Nu	mber:	86043			Date:	15 Ja	n 2008			
Customer:		Celio Techi	nolog	y Corporation				Standard		
Model Numb	umber: REDFLY C8							FC	FCC Part 15	
Description: Smart Phone Companion									Clause	
		3Mbps data rate							5.247(d)	
Ambi	Ambient Temperature Relative Humidity Baron						metric Pressure			
	19 °C			28	%		1	101.8 kPa		
EUT perform	ned within th	e requireme	nts of	f the applicable	standard [X	[] Yes	No L	es Payne		
	Band Edge Radiated Correct					1easurement				
Limit	Lower (MHz)	Uppe (MHz		Limit (dBuV/m)	Measured (dBuV/m)	Delta (dBuV)		Freq Delta	Pass/Fail	
2400	2401.4			54.0	43.1	-10.9	1.4	4MHz	Pass	



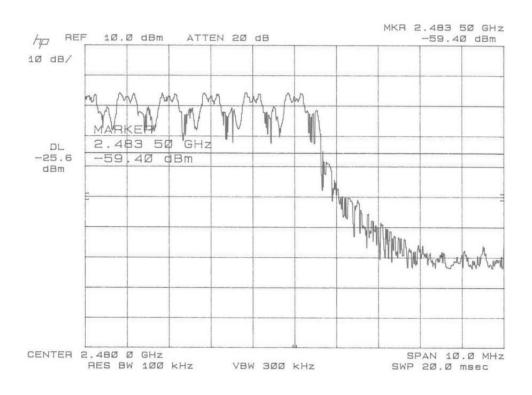


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DNB Job Nu	mber:	36043		Date:	15 Jan 2		Conformance		
Customer:	•	Celio Techno	S	tandard					
Model Number: REDFLY C8							FCC Part 15		
Description: Smart Phone Companion							Clause		
	<i>.</i>	1:	5.247(d)						
Ambio	Ambient Temperature Relative Humidity Baron						metric Pressure		
	19 °C		28	%		101.8 kPa			
EUT perform	ned within the	requirement	ts of the applicable	standard [X	[] Yes [] No	Les Payne			
	Band Edge Radiated Corrected Edge Me								
Limit	Lower (MHz)	Upper (MHz)	Limit (dBuV/m)	Measured (dBuV/m)	Delta (dBuV)	Freq Delta	Pass/Fail		
2483.5		2480.7	54.0	29.7	-24.3	2.8MHz	Pass		





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DNB Job Nu	mber:	86043			Date:	15 Ja	n 2008			
Customer:		Celio Techr	nolog		Standard					
Model Numb	er:	REDFLY C8							C Part 15	
Description: Smart Phone Companion									Clause	
		3Mbps data	rate	15	5.247(d)					
Ambient Temperature Relative Humidity Baron							netric Pre	netric Pressure		
	19 °C			28	%			101.8 kPa		
EUT perform	ned within th	ne requireme	nts o	f the applicable	standard [X	Yes []	No L	es Payne		
	Band Edge Radiated Corrected Edge Measurement									
Limit	Lower (MHz)	Uppe (MHz		Limit (dBuV/m)	Measured (dBuV/m)	Delta (dBuV)		Freq Delta	Pass/Fail	
2483.5		2480.7		54.0	29.7	-24.3	2.	8MHz	Pass	





## **Conducted Spurious**

DNB Job Number:	86043	86043 Date: 14 Jan 2008						
Customer:	Celio Techi	nology Corporation	Standard					
Model Number:	REDFLY C	EDFLY C8						
Description:	Smart Phon	e Companion	Clause 15.247(d)					
	Test Proced	Test Procedure						
Ambient Temper	ature	Relative Hui	nidity	Barom	etric Pressure			
21 °C	01.2 kPa							
EUT performed within the requirements of the applicable standard [X] Yes [] No Les Payne								

#### **Spurious RF Conducted Emissions**

Use the following spectrum analyzer settings:

Span = wide enough to capture the peak level of the in-band emission and all spurious emissions (e.g., harmonics) from the lowest frequency generated in the EUT up through the 10<sup>th</sup> harmonic. Typically, several plots are required to cover this entire span.

RBW = 100 kHz

VBW RBW

Sweep = auto

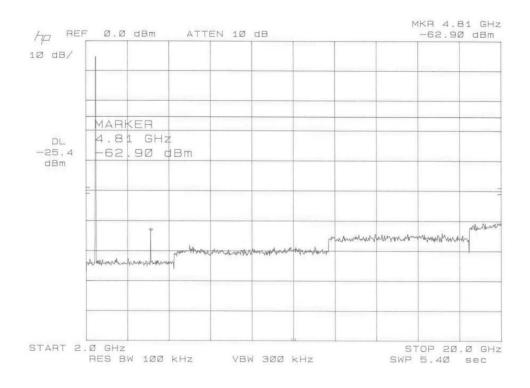
Detector function = peak

Trace = max hold

Allow the trace to stabilize. Set the marker on the peak of any spurious emission recorded. The level displayed must comply with the limit specified in this Section. Submit these plots.

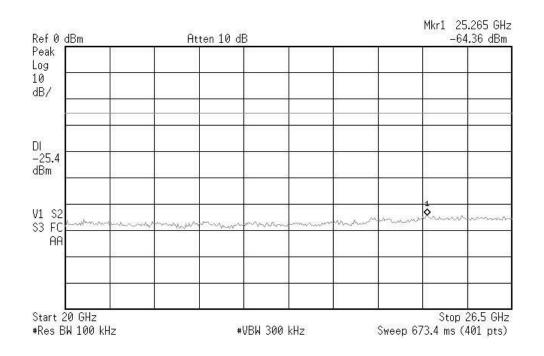


			<u> </u>				
DNB Job Number:	86043		14 Jan 2	800	Conformance		
Customer:	Celio Techi	nology Corporation		Standard			
Model Number:	REDFLY C	28		FCC Part 15			
Description:	Smart Phon	e Companion		Clause			
	1Mbps data	15.247(d)					
Ambient Temper	ature	Relative 1	Humidity	]	Baron	netric Pressure	
21 °C		25	%		1	101.2 kPa	
EUT performed within t	he requireme	) Le	es Payne				
Peak Output Power		Reading	-20dBc			Pass/Fall	
0.20 dBm		-5.4 dBm	-25.4 dBm		Pass		



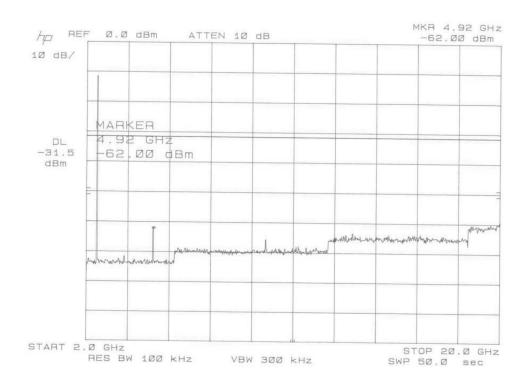


DNB Job Number:	86043		800	Conformance		
Customer:	Celio Techi	nology Corporation		Standard		
Model Number:	REDFLY C	28		FCC Part 15		
Description:	Smart Phon	e Companion		Clause		
	1Mbps data	rate (Basic data rate		15.247(d)		
Ambient Tempera	ature	Relative I	Humidity	I	Baron	netric Pressure
21 °C		25	%		1	01.2 kPa
EUT performed within t	he requireme	nts of the applicable	Le	es Payne		
Peak Output Power		Reading	-20dBc	-20dBc		Pass/Fall
0.20 dBm		-5.4 dBm	-25.4 dBm	1		Pass



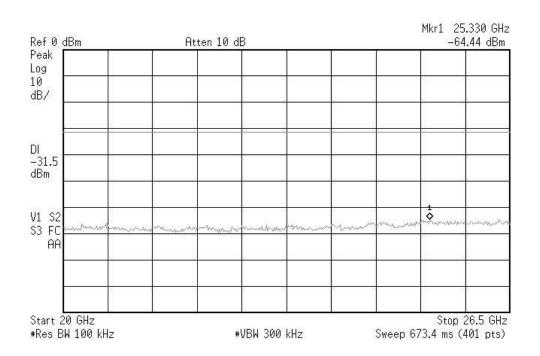


DNB Job Number:	86043 Date: 14 Jan 2008				Conformance		
Customer:	Celio Techi	nology Corporation				Standard	
Model Number:	REDFLY C	28				FCC Part 15	
Description:	Smart Phon	e Companion				Clause	
	1Mbps data	Mbps data rate (Basic data rate) - Mid Channel					
Ambient Tempera	ature	Relative I	Humidity	I	Baron	netric Pressure	
21 °C		25	%		1	01.2 kPa	
EUT performed within the requirements of the applicable standard [X] Yes [] No Les Payne							
Peak Output Power		Reading -20dBc			Pass/Fall		
0.20 dBm		-11.5 dBm -31.5 dBm			Pass		



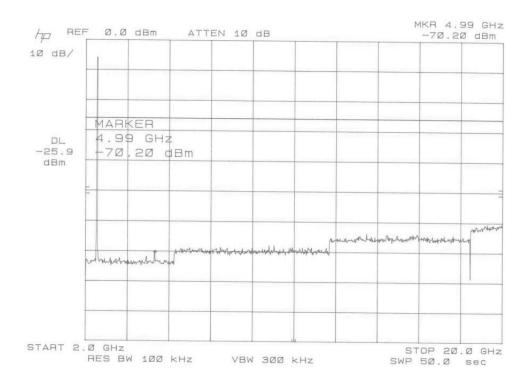


DNB Job Number:	86043	86043 Date: 14 Jan 2008					
Customer:	Celio Techi	nology Corporation				Standard	
Model Number:	REDFLY C	28				FCC Part 15	
Description:	Smart Phon	e Companion				Clause	
	1Mbps data	rate (Basic data rat		15.247(d)			
Ambient Temper	ature	Relative I	Humidity	]	Baron	netric Pressure	
21 °C		25	%		1	01.2 kPa	
EUT performed within the requirements of the applicable standard [X] Yes [] No Les Payne							
Peak Output Power		Reading -20dBc			Pass/Fall		
0.20 dBm		-11.5 dBm -31.5 dBm			Pass		



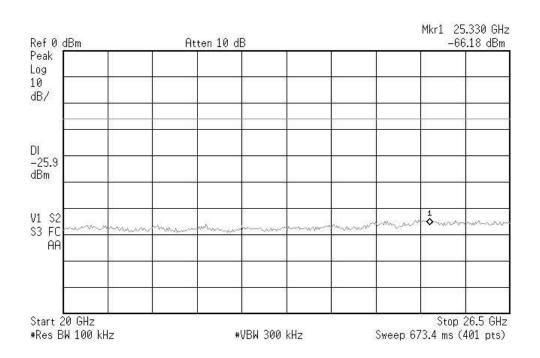


DNB Job Number:	86043 Date: 14 Jan 2008					Conformance	
Customer:	Celio Techi	nology Corporation				Standard	
Model Number:	REDFLY C	28				FCC Part 15	
Description:	Smart Phon	e Companion				Clause	
	1Mbps data	Mbps data rate (Basic data rate) - High Channel					
Ambient Tempera	ature	Relative I	Humidity	I	Baron	netric Pressure	
21 °C		25	%		1	101.2 kPa	
EUT performed within the	he requireme	nts of the applicable	standard [X] Ye	s [] No	Le	es Payne	
Peak Output Power		Reading -20dBc		Pass/Fall			
0.20 dBm		-5.9 dBm -25.9 dBm			Pass		



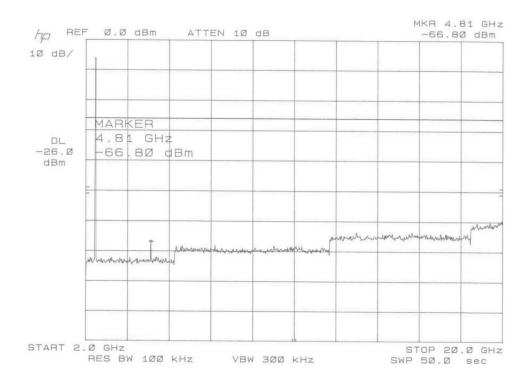


DNB Job Number:	86043	86043 Date: 14 Jan 2008					
Customer:	Celio Techi	nology Corporation				Standard	
Model Number:	REDFLY C	:8				FCC Part 15	
Description:	Smart Phon	e Companion				Clause	
	1Mbps data	rate (Basic data rat	e) - High Channel			15.247(d)	
Ambient Tempera	ature	Relative I	Humidity	]	Baron	metric Pressure	
21 °C		25	%		1	01.2 kPa	
EUT performed within the requirements of the applicable standard [X] Yes [] No Les Payne							
Peak Output Power		Reading -20dBc			Pass/Fall		
0.20 dBm		-5.9 dBm -25.9 dBm			Pass		



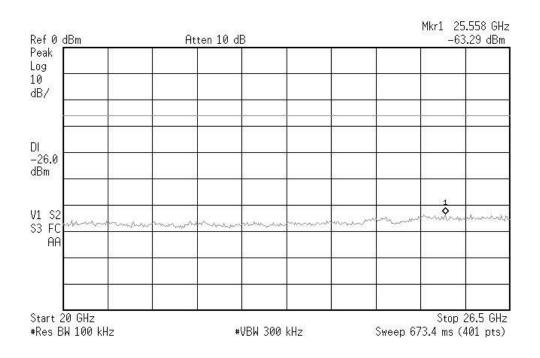


DNB Job Number:	86043 Date: 14 Jan 2008					Conformance	
Customer:	Celio Techi	nology Corporation				Standard	
Model Number:	REDFLY C	28				FCC Part 15	
Description:	Smart Phon	e Companion				Clause	
	2Mbps data	rate - Low Channe		15.247(d)			
Ambient Temper	Ambient Temperature Relative Humidity Barome					netric Pressure	
21 °C		25	%		1	01.2 kPa	
EUT performed within t	EUT performed within the requirements of the applicable standard [X] Yes [] No Les Payne						
Peak Output Power		Reading -20dBc			Pass/Fall		
0.20 dBm		-6.0 dBm -26.0 dBm			Pass		



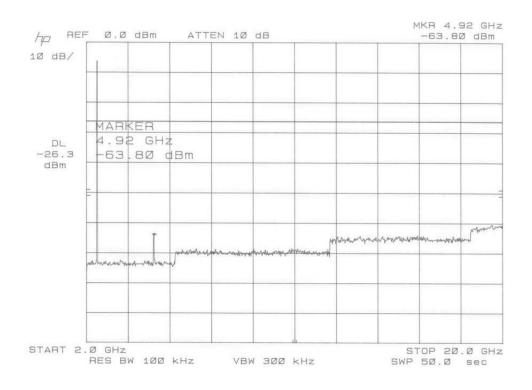


						-	
DNB Job Number:	86043 Date: 14 Jan 2008					Conformance	
Customer:	Celio Techi	nology Corporation				Standard	
Model Number:	REDFLY C	18				FCC Part 15	
Description:	Smart Phon	e Companion				Clause	
	2Mbps data	Mbps data rate - Low Channel					
Ambient Tempera	ature	Relative I	Humidity	I	Baron	netric Pressure	
21 °C		25	%		1	01.2 kPa	
EUT performed within the requirements of the applicable standard [X] Yes [] No Les Payne							
Peak Output Power		Reading -20dBc		Pass/Fall			
0.20 dBm		-6.0 dBm -26.0 dBm		Pass			



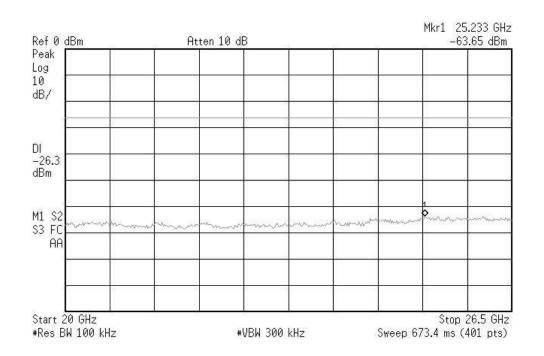


DNB Job Number:	86043 Date: 14 Jan 2008					Conformance	
Customer:	Celio Techr	nology Corporation				Standard	
Model Number:	REDFLY C	8				FCC Part 15	
Description:	Smart Phon	e Companion				Clause 15.247(d)	
	2Mbps data	2Mbps data rate - Mid Channel					
Ambient Temper	ature	Relative I	Humidity	F	Barom	netric Pressure	
21 °C		25	%		1	01.2 kPa	
EUT performed within t	es Payne						
Peak Output Power		Reading -20dBc		Pass/Fall			
0.20 dBm		-6.3 dBm -26.3 dBm		Pass			



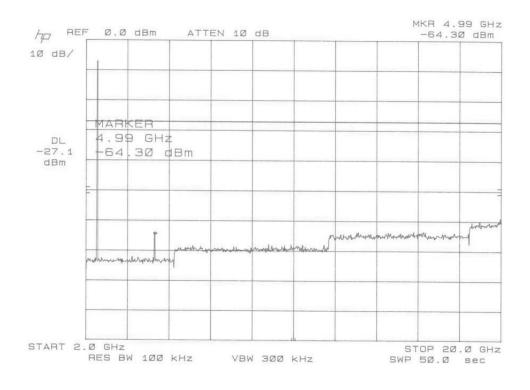


DNB Job Number:	86043	86043 Date: 14 Jan 2008					Conformance
Customer:	Celio Techi	nology Corporation					Standard
Model Number:	REDFLY C	28					FCC Part 15
Description:	Smart Phon	e Companion					Clause
	2Mbps data	rate - Mid Channe		15.247(d)			
Ambient Temper	ature	Relative I	Humidity		1	Barom	netric Pressure
21 °C		25	%			1	01.2 kPa
EUT performed within the requirements of the applicable standard [X] Yes [] No Les Payne							es Payne
Peak Output Power		Reading -20dBc			Pass/Fall		
0.20 dBm		-6.3 dBm -26.3 dBm			Pass		



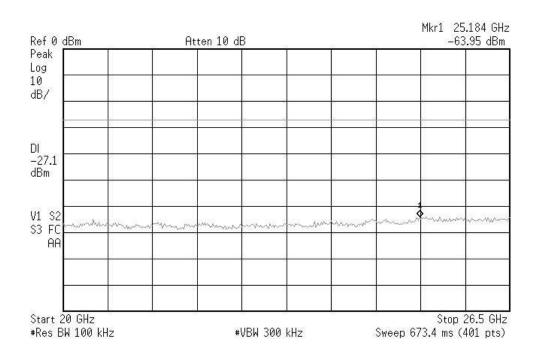


					<u> </u>	
86043	86043 Date: 14 Jan 2008					
Celio Techi	nology Corporation				Standard	
REDFLY C	28				FCC Part 15	
Smart Phon	e Companion				Clause	
2Mbps data	2Mbps data rate - High Channel					
ature	Relative l	Humidity	I	Barom	netric Pressure	
	25	%	101.2 kPa			
EUT performed within the requirements of the applicable standard [X] Yes [] No Les						
	Reading -20dBc		Pass/Fall			
	-7.1 dBm -27.1 dBm			Pass		
	Celio Techn REDFLY C Smart Phon 2Mbps data ature	Celio Technology Corporation  REDFLY C8  Smart Phone Companion  2Mbps data rate - High Channel ature Relative I  25  the requirements of the applicable	Celio Technology Corporation  REDFLY C8  Smart Phone Companion  2Mbps data rate - High Channel  ature Relative Humidity  25 %  the requirements of the applicable standard [X] Ye  Reading -20dBc	Celio Technology Corporation  REDFLY C8  Smart Phone Companion  2Mbps data rate - High Channel  ature Relative Humidity H  25 %  the requirements of the applicable standard [X] Yes [] No  Reading -20dBc	REDFLY C8 Smart Phone Companion  2Mbps data rate - High Channel ature Relative Humidity Barom 25 % 1  Reading -20dBc  Reading -20dBc	



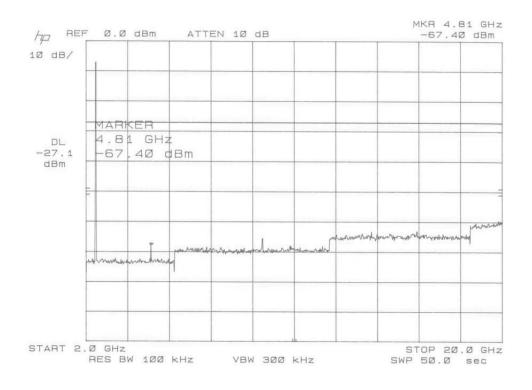


						-	
DNB Job Number:	86043 Date: 14 Jan 2008					Conformance	
Customer:	Celio Techi	nology Corporation				Standard	
Model Number:	REDFLY C	8				FCC Part 15	
Description:	Smart Phon	e Companion				Clause	
	2Mbps data	2Mbps data rate - High Channel					
Ambient Tempera	ature	Relative I	Humidity	H	Baron	netric Pressure	
21 °C		25	%		1	01.2 kPa	
EUT performed within the requirements of the applicable standard [X] Yes [] No Les Payne							
Peak Output Power		Reading -20dBc		Pass/Fall			
0.20 dBm		-7.1 dBm -27.1 dBm		Pass			



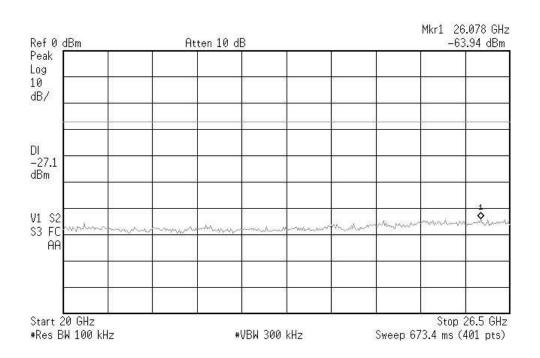


DNB Job Number:	86043	86043 Date: 14 Jan 2008					
Customer:	Celio Techi	nology Corporation				Standard	
Model Number:	REDFLY C	28				FCC Part 15	
Description:	Smart Phon	e Companion				Clause 15.247(d)	
	3Mbps data	3Mbps data rate - Low Channel					
Ambient Temper	ature	Relative 1	Humidity	]	Baron	netric Pressure	
21 °C		25	%		1	01.2 kPa	
EUT performed within the requirements of the applicable standard [X] Yes [] No Les Payne							
Peak Output Power		Reading -20dBc			Pass/Fall		
0.20 dBm		-7.1 dBm	-7.1 dBm -27.1 dBm			Pass	



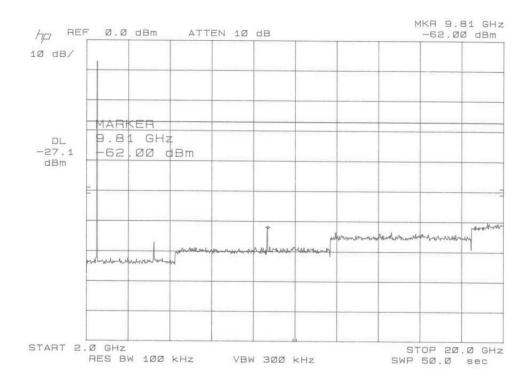


DNB Job Number:	86043	86043 Date: 14 Jan 200			800	Conformance
Customer:	Celio Techi	Celio Technology Corporation				Standard
Model Number:	REDFLY C	28				FCC Part 15
Description:	Smart Phon	e Companion				Clause
	3Mbps data	3Mbps data rate - Low Channel				15.247(d)
Ambient Tempera	ature	Relative I	Humidity	I	Baron	netric Pressure
21 °C		25	%		1	01.2 kPa
EUT performed within the	Γ performed within the requirements of the applicable standard [X] Yes [] No Les					es Payne
Peak Output Power		Reading -20dBc		Pass/Fall		
0.20 dBm		-7.1 dBm	-27.1 dBm	1		Pass



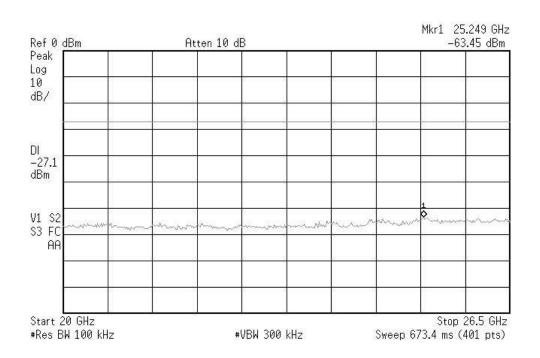


					<u> </u>
86043	86043 Date: 14 Jan 20			800	Conformance
Celio Techi	Celio Technology Corporation			Standard	
REDFLY C	18				FCC Part 15
Smart Phon	e Companion				Clause
3Mbps data	3Mbps data rate - Mid Channel				15.247(d)
ature	Relative l	Humidity	I	Barom	netric Pressure
	25	%		1	01.2 kPa
ed within the requirements of the applicable standard [X] Yes [] No Les					es Payne
	Reading -20dBc		Pass/Fall		
	-7.1 dBm -2		1		Pass
	Celio Techr REDFLY C Smart Phon 3Mbps data ature	Celio Technology Corporation  REDFLY C8  Smart Phone Companion  3Mbps data rate - Mid Channe ature Relative I  25  the requirements of the applicable  Reading	Celio Technology Corporation  REDFLY C8  Smart Phone Companion  3Mbps data rate - Mid Channel  ature Relative Humidity  25 %  the requirements of the applicable standard [X] Ye  Reading -20dBc	Celio Technology Corporation  REDFLY C8  Smart Phone Companion  3Mbps data rate - Mid Channel  ature Relative Humidity H  25 %  the requirements of the applicable standard [X] Yes [] No  Reading -20dBc	REDFLY C8 Smart Phone Companion  3Mbps data rate - Mid Channel ature Relative Humidity Barom 25 % 1  he requirements of the applicable standard [X] Yes [] No Lean Reading -20dBc



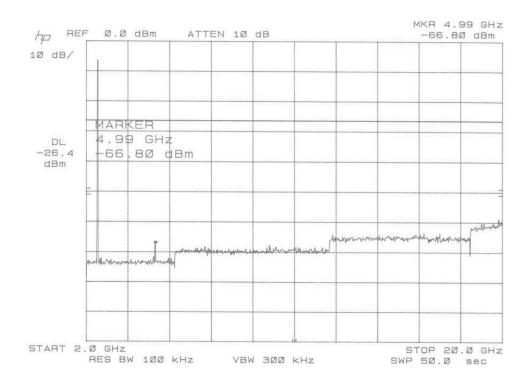


DNB Job Number:	86043	86043 Date: 14 Jan 2008			Conformance Standard	
Customer:	Celio Techr	Celio Technology Corporation				
Model Number:	REDFLY C	8				FCC Part 15
Description:	Smart Phon	e Companion				<b>Clause</b> 15.247(d)
	3Mbps data	3Mbps data rate - Mid Channel				
Ambient Temper	ature	Relative I	Humidity	F	Barom	netric Pressure
21 °C		25	%		1	01.2 kPa
EUT performed within t	performed within the requirements of the applicable standard [X] Yes [] No Les					es Payne
Peak Output Power	Reading -20dBc		Pass/Fall			
0.20 dBm		-7.1 dBm	-27.1 dBm	1		Pass



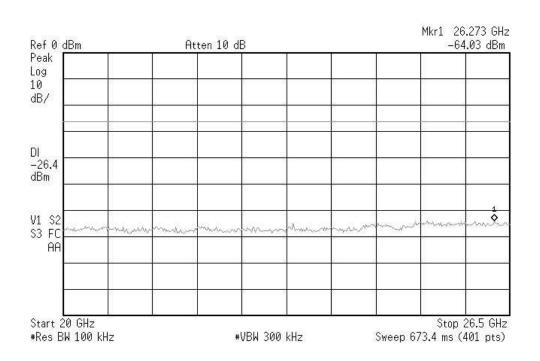


DNB Job Number:	86043 Date: 14 Jan 2008			Conformance Standard		
Customer:	Celio Techi	Celio Technology Corporation				
Model Number:	REDFLY C	28				FCC Part 15
Description:	Smart Phon	e Companion				Clause
	3Mbps data	3Mbps data rate - High Channel				15.247(d)
Ambient Tempera	ature	Relative I	Humidity	I	Baron	netric Pressure
21 °C		25	% 1		01.2 kPa	
EUT performed within the	EUT performed within the requirements of the applicable standard [X] Yes [] No Les					es Payne
Peak Output Power		Reading -20dBc		Pass/Fall		
0.20 dBm		-6.4 dBm -2		1		Pass





DNB Job Number:	86043 Date: 14 Jan 2008				Conformance Standard	
Customer:	Celio Techr	Celio Technology Corporation				
Model Number:	REDFLY C	8				FCC Part 15
Description:	Smart Phon	e Companion				Clause 15.247(d)
	3Mbps data	3Mbps data rate - High Channel				
Ambient Temper	ature	Relative I	Humidity	F	Barom	netric Pressure
21 °C		25	%		1	01.2 kPa
EUT performed within t	ormed within the requirements of the applicable standard [X] Yes [] No Les					es Payne
Peak Output Power	Reading -20dBc		Pass/Fall			
0.20 dBm		-6.4 dBm -2		1		Pass



15.247(d): Power spectral density(PSD).

The same method of determining the conducted output power shall be used to determine the power spectral density.

If a peak output power is measured, then a peak power spectral density measurement is required. If an average output power is measured, then an average power spectral density measurement should be used.

Locate and zoom in on emission peak(s) within the passband. Set RBW = 3 kHz, VBW > RBW, sweep= (SPAN/3 kHz) e.g., for a span of 1.5 MHz, the sweep should be  $1.5 \times 10_6 \times 3 \times 10_3 = 500$  seconds.

The peak level measured must be no greater than + 8 dBm. If external attenuation is used, don't forget to add this value to the reading. Use the following guidelines for modifying the power spectral density measurement procedure when necessary.

For devices with spectrum line spacing greater than 3 kHz no change is required.

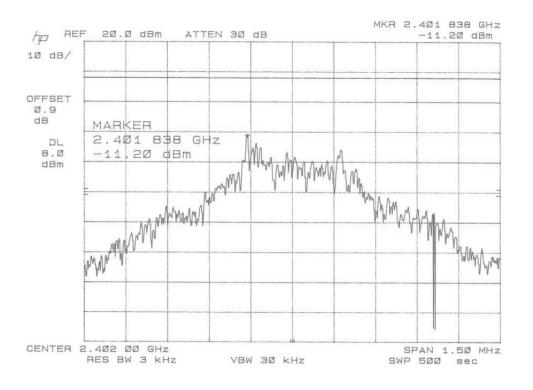
For devices with spectrum line spacing equal to or less than 3 kHz, the resolution bandwidth must be reduced below 3kHz until the individual lines in the spectrum are resolved. The measurement data must then be normalized to 3 kHz by summing the power of all the individual spectral lines within a 3kHz band (in linear power units) to determine compliance.

If the spectrum line spacing cannot be resolved on the available spectrum analyzer, the noise density function on most modern conventional spectrum analyzers will directly measure the noise power density normalized to a 1 Hz noise power bandwidth. Add 35dB for correction to 3 kHz.

Should all the above fail or any controversy develop regarding accuracy of measurement, the Laboratory will use the HP 89440A Vector Signal Analyzer for final measurement unless a clear showing can be made for a further alternate.

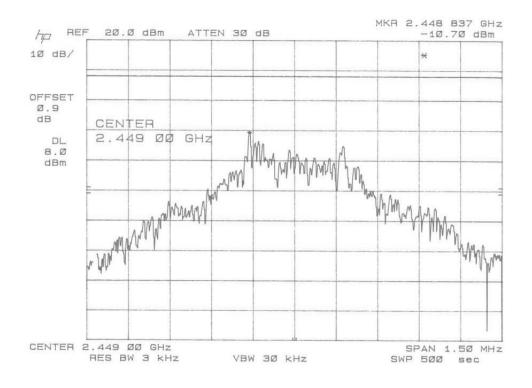


	Tower spectrum					
DNB Job Number	:: 86043		Date:	15 Jan 2008	Conformance	
Customer:	Celio Techi	nology Corporation			Standard	
Model Number:	REDFLY C	28			FCC Part 15	
Description:	Smart Phon	Smart Phone Companion				
	1Mbps data	rate (Basic data rate	15.247(e)			
		Environmenta	al Conditions			
Ambient T	emperature	Relative I	Humidity	Barome	etric Pressure	
19	°C	28	%	101	1.8 kPa	
EUT performed w	ithin the requireme	nts of the applicable	standard [X] Ye	es [] No Les	Payne	
Channel	Freq MHz	Meas PSD (dBm)	Limit (dBm)	Delta (dBm)	Pass/Fail	
Low	2402	-11.2	8.0	-19.2	Pass	



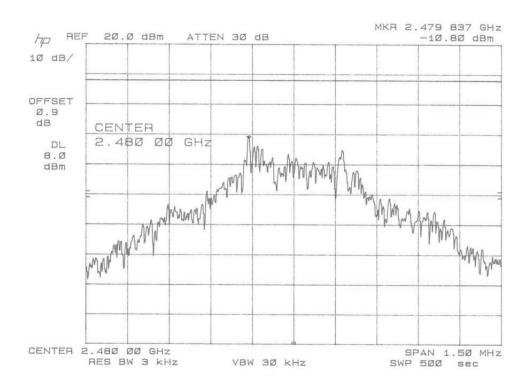


	1 over spectru					
DNB Job Number	: 86043		Date:	15 Jan 2008	Conformance	
Customer:	Celio Tech	nology Corporation			Standard	
Model Number:	REDFLY C	28			FCC Part 15	
Description:	Smart Phor	Smart Phone Companion				
	1Mbps data	rate (Basic data rate	15.247(e)			
		Environmenta	al Conditions			
Ambient T	emperature	Relative I	Humidity	Barome	etric Pressure	
19	°C	28	%	10	1.8 kPa	
EUT performed w	ithin the requireme	nts of the applicable	standard [X] Ye	es [] No Les	Payne	
Channel	Freq MHz	Meas PSD (dBm)	Limit (dBm)	Delta (dBm)	Pass/Fail	
Middle	2449	-10.7	8.0	-18.7	Pass	



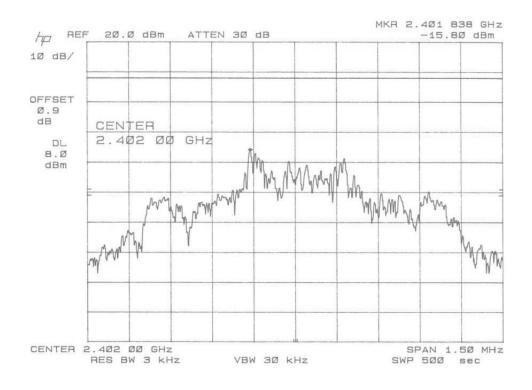


	Tower spectrum					
DNB Job Number	:: 86043		Date:	15 Jan 2008	Conformance	
Customer:	Celio Techi	nology Corporation			Standard	
Model Number:	REDFLY C	28			FCC Part 15	
Description:	Smart Phon	Smart Phone Companion				
	1Mbps data	rate (Basic data rate	15.247(e)			
		Environmenta	al Conditions			
Ambient T	emperature	Relative I	Humidity	Barome	etric Pressure	
19	°C	28	%	101	.8 kPa	
EUT performed w	ithin the requireme	nts of the applicable	standard [X] Ye	es [] No Les	Payne	
Channel	Freq MHz	Meas PSD (dBm)	Limit (dBm)	Delta (dBm)	Pass/Fail	
High	2480	-10.8	8.0	-18.8	Pass	



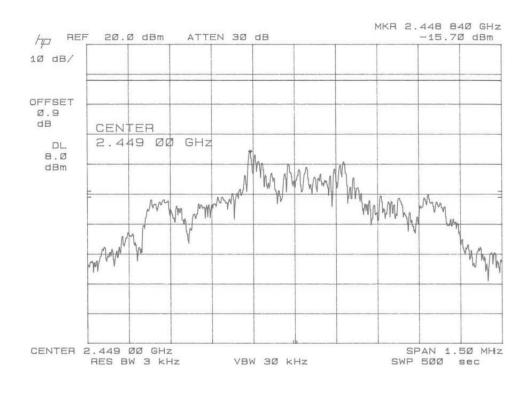


		1 ower spectral				
DNB Job Number	:: 86043		Date:	15 Jan 2008	Conformance	
Customer:	Celio Techi	nology Corporation			Standard	
Model Number:	REDFLY C	28			FCC Part 15	
Description:	Description: Smart Phone Companion					
	2Mbps data	Mbps data rate				
		Environment	al Conditions			
Ambient T	emperature	Relative l	Humidity	Barometr	netric Pressure	
19	°C	28	%	101.	8 kPa	
EUT performed w	ithin the requirement	nts of the applicable	standard [X] Ye	s [] No Les P	'ayne	
Channel	Freq MHz	Meas PSD (dBm)	Limit (dBm)	Delta (dBm)	Pass/Fail	
Low	2402	-15.8	8.0	-23.8	Pass	



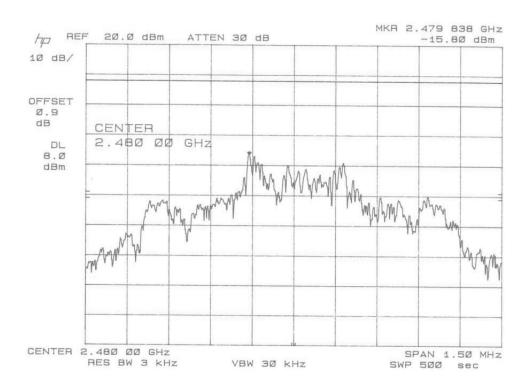


	1 ower spectrum					
DNB Job Number	:: 86043		Date:	15 Jan 2008	Conformance	
Customer:	Celio Tech	nology Corporation			Standard	
Model Number:	REDFLY C	28			FCC Part 15	
Description:	Smart Phon	Smart Phone Companion				
	2Mbps data	2Mbps data rate				
		Environment	al Conditions			
Ambient T	emperature	Relative l	Humidity	Barome	etric Pressure	
19	°C	28	%	103	1.8 kPa	
EUT performed w	ithin the requireme	nts of the applicable	standard [X] Ye	es [] No Les	Payne	
Channel	Freq MHz	Meas PSD (dBm)	Limit (dBm)	Delta (dBm)	Pass/Fail	
Middle	2402	-15.7	8.0	-23.7	Pass	



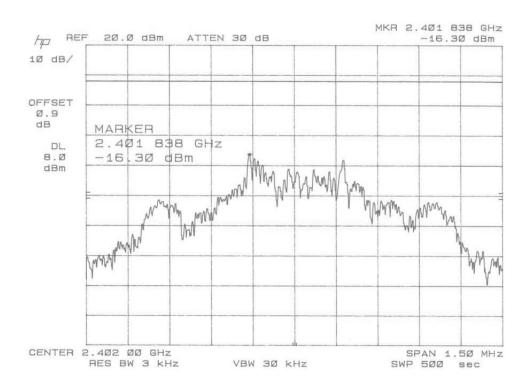


		1 Ower Spectral				
DNB Job Number	:: 86043		Date:	15 Jan 2008	Conformance	
Customer:	Celio Techi	nology Corporation			Standard	
Model Number:	REDFLY C	28			FCC Part 15	
Description:	Description: Smart Phone Companion					
	2Mbps data	rate		15.247(e)		
		Environment	al Conditions			
Ambient T	emperature	Relative l	Humidity	Barometr	ic Pressure	
19	°C	28	%	101.	8 kPa	
EUT performed w	ithin the requireme	nts of the applicable	standard [X] Ye	s [] No Les P	'ayne	
Channel	Freq MHz	Meas PSD (dBm)	Limit (dBm)	Delta (dBm)	Pass/Fail	
High	2480	-15.8	8.0	-23.8	Pass	



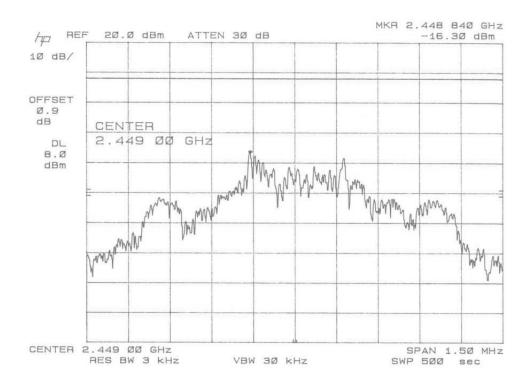


	Tower spectrum					
DNB Job Number	:: 86043		Date:	15 Jan 2008	Conformance	
Customer:	Celio Techi	nology Corporation			Standard	
Model Number:	REDFLY C	28			FCC Part 15	
Description:	Smart Phon	Smart Phone Companion				
	3Mbps data	3Mbps data rate				
		Environmenta	al Conditions			
Ambient T	emperature	Relative l	Humidity	Barome	etric Pressure	
19	°C	28	28 %			
EUT performed w	ithin the requiremen	nts of the applicable	standard [X] Ye	es [] No Les	Payne	
Channel	Freq MHz	Meas PSD (dBm)	Limit (dBm)	Delta (dBm)	Pass/Fail	
Low	2402	-16.3	8.0	-24.3	Pass	



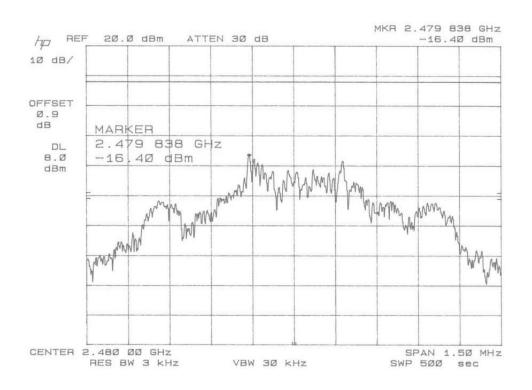


			2 0 ,,	z o w oz s p o oczas z oczasty		
DNB Job Number	:: 86043		Date:	15 Jan 2008	Conformance Standard	
Customer:	Celio Techr	Celio Technology Corporation				
Model Number:	REDFLY C		FCC Part 15			
Description: Smart Phone		e Companion			Clause	
	3Mbps data rate				15.247(e)	
		Environment	al Conditions			
Ambient Temperature		Relative Humidity		Barometric Pressure		
19 °C		28 %		101.8 kPa		
EUT performed w	ithin the requiremen	nts of the applicable	standard [X] Ye	s [] No Les P	ayne	
Channel	Freq MHz	Meas PSD (dBm)	Limit (dBm)	Delta (dBm)	Pass/Fail	
Middle	2449	-16.3	8.0	-24.3	Pass	





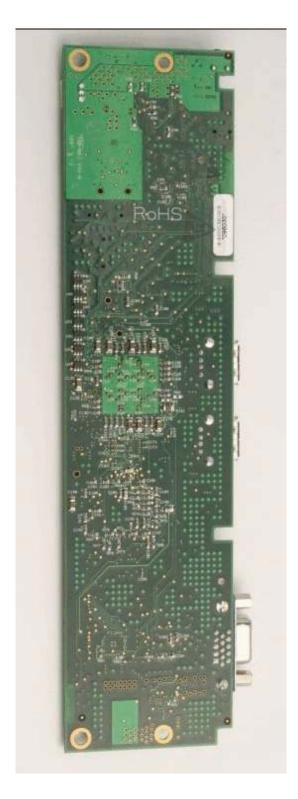
			2 0	1 ower spectrum Density		
DNB Job Number	:: 86043		Date:	15 Jan 2008	Conformance Standard	
Customer:	Celio Techi	Celio Technology Corporation				
Model Number:	REDFLY C	REDFLY C8				
Description:	Smart Phon	e Companion			Clause	
	3Mbps data	3Mbps data rate				
		Environmenta	al Conditions			
Ambient Temperature		Relative Humidity		Barometric Pressure		
19 °C		28 %		101.8 kPa		
EUT performed w	ithin the requireme	nts of the applicable	standard [X] Ye	es [] No Les	Payne	
Channel	Freq MHz	Meas PSD (dBm)	Limit (dBm)	Delta (dBm)	Pass/Fail	
High	2480	-16.4	8.0	-24.4	Pass	



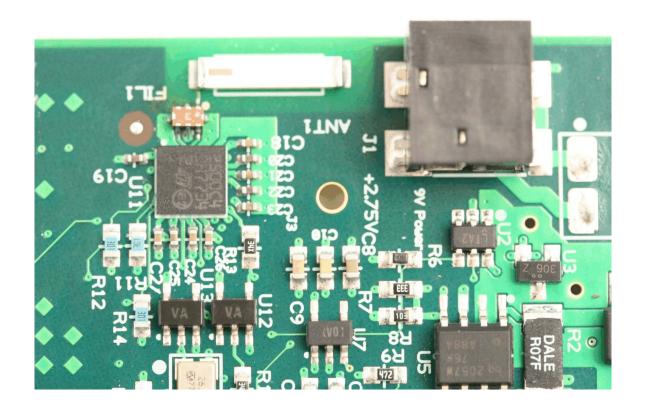
# 2.1033 (b) (7) Equipment Photographs

Photo 1	Internal	Top of PCB
Photo 2	Internal	Bottom of PCB
Photo 3	Internal	Close up of Bluetooth Radio Section
Photo 4	External	Front of Unit - Closed
Photo 5	External	Front of Unit - Opened
Photo 6	External	Back of Unit - Opened
Photo 7	External	Bottom of Unit - Label Location



















15.247 (b)(5)

RF Exposure – MPE Calculations (2400-2483.5 MHz Band)

Transmitter Power: 1.05 mW

Antenna Gain: 3 dB

Cable loss: 0 dB

Frequency range: 2400 - 2483.5 MHz

#### Assumptions

- 1. A single ¼ wavelength radiating antenna is assumed.
- 2. Closest exposure distance is assumed to be 2 cm

#### Calculations

The following results shall be assumed to be accurate for the far-field only. These predictions will over-estimate power density in the near-field. Based on the use of a ¼ wavelength radiator, a distance of 2 cm is considered to be in the far-field for all cases.

 $S = PG/4*PI*R^2$ 

P is 1.05 mW G is 3 dB (Antenna gain – loss) or  $10^{(3/10)}$  or 2.0 R is 5 cm

 $S = 0.041700 \text{ mW/cm}^2$ 

For Occupational/Controlled Exposure

From 1,500 to 100,000 MHz, power density limit is 5 mW/cm<sup>2</sup> for 6 minutes

For General Population/Uncontrolled Exposure

From 1,500 to 100,000 MHz, power density limit is 1 mW/cm<sup>2</sup> for 30 minutes

Conclusion: *Meets MPE limits* 

## End of Report