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# **Appendix C**

# Test Results of Bluetooth 4.1 (Dual mode) of Conducted and **Radiated Emission Testing**

APPENDIX C	
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# Appendix C 50052935 001



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Note: The measurements with active loop antenna were greater than 20dB below the limit, so Radiated Spurious Emissions (9kHz – 30MHz) tests were applied on BDR mode only.

# **Appendix C.1: Test Plots of Radiated Spurious Emission**

BDR mode, 9KHz - 30MHz

#### ACCURATE TECHNOLOGY CO., LTD

#### FCC Class B 3M Radiated

ContextMedia Health M/N: P-WAL-106-ELC-01

Manufacturer: ContextMedia LLC Operating Condition: TX 2402MHz (Bluetooth)

Test Site: 2# Chamber

Operator: PEI

Test Specification: AC 120V/60Hz

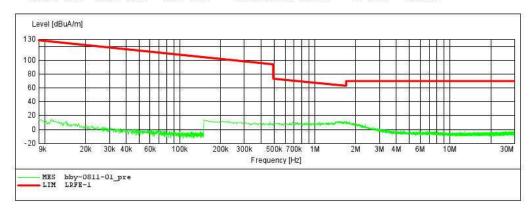
X 2016-8-11 / Start of Test:

#### SCAN TABLE: "LFRE Fin"

\_SUB\_STD\_VTERM2 1.70 Short Description: Frequency Frequency Width

9.0 kHz

1500 TF Transducer Bandw. 9.0 kHz 150.0 kHz 100.0 Hz QuasiPeak 1.0 s 150.0 kHz 30.0 MHz 5.0 kHz QuasiPeak 1.0 s 1516M 200 Hz 9 kHz 1516M



# Appendix C 50052935 001

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#### ACCURATE TECHNOLOGY CO., LTD

#### FCC Class B 3M Radiated

ContextMedia Health M/N: P-WAL-106-ELC-01

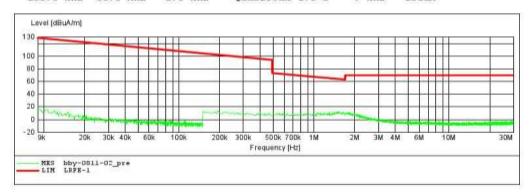
Manufacturer: ContextMedia LLC
Operating Condition: TX 2402MHz(Bluetooth)
Test Site: 2# Chamber

Operator: PEI

Test Specification: AC 120V/60Hz Comment: Y Start of Test: 2016-8-11 /

SCAN TABLE: "LFRE Fin"
Short Description:
Start Stop Step \_SUB\_STD\_VTERM2 1.70 Step IF Detector Meas. Transducer

Frequency Frequency Time Bandw. Width 150.0 kHz 100.0 Hz QuasiPeak 1.0 s QuasiPeak 1.0 s 9.0 kHz 150.0 kHz 150.0 kHz 30.0 MHz 200 Hz 1516M 9 kHz 5.0 kHz 1516M



#### ACCURATE TECHNOLOGY CO., LTD

#### FCC Class B 3M Radiated

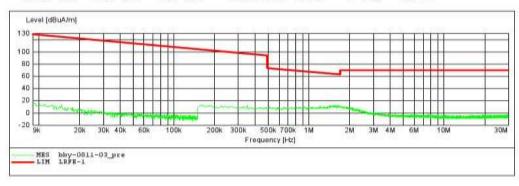
EUT: ContextMedia Health M/N:P-WAL-106-ELC-01
Manufacturer: ContextMedia LLC
Operating Condition: TX 2402MHz(Bluetooth)
Test Site: 2# Chamber

Operator: PEI

Test Specification: AC 120V/60Hz Comment: 2 Start of Test: 2016-8-11 /

SCAN TABLE: "LFRE Fin"
Short Description:
Start Stop Ste \_SUB\_STD\_VTERM2 1.70 TE Detector Meas. Time Transducer Bandw.

Start Stop Step
Frequency Frequency Width
9.0 kHz 150.0 kHz 100.0 Hz
150.0 kHz 30.0 MHz 5.0 kHz QuasiPeak 1.0 s QuasiPeak 1.0 s 200 Hz 9 kHz 1516M 1516M





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Site: 2# Chamber Tel:+86-0755-26503290

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#### BDR mode, 30MHz - 1GHz

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F1,Bldg.A,Changyuan New Material Port Keyuan Rd. Science & Industry Park, Nanshan Shenzhen, P.R. China

Polarization: Horizontal

Power Source: AC 120V/60Hz

Date: 16/08/03/

Time:

Engineer Signature: PEI

Distance: 3m

Job No .: phy #2376

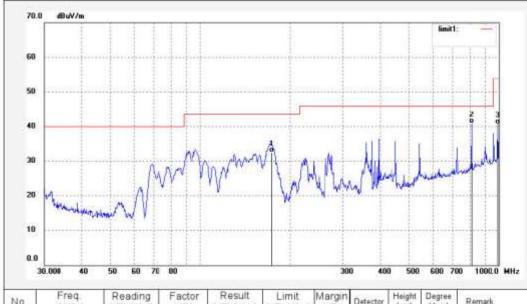
Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.( C)/Hum.(%) 23 C/48 % EUT: ContextMedia Health

Mode: TX 2402MHz Model: P-WAL-106-ELC-01

Manufacturer: ContextMedia LLC



No.	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	Detector	Height (cm)	(deg.)	Remark	
1	173.2050	46.15	-13.65	32.50	43.50	-11.00	QP				
2	810.2653	40.64	0.19	40.83	46.00	-5.17	QP				
3	993.0113	38.04	2.73	40.77	54.00	-13.23	QP				



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Site: 2# Chamber

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F1.Bidg A, Changyuan New Material Port Keyuan Rd, Science & Industry Park, Nanshan Shenzhen, P. R. China

Polarization Vertical

Power Source: AC 120V/60Hz

Date: 16/08/03/

Time:

Engineer Signature: PEI

Distance: 3m

Job No.: phy #2377

Standard: FCC Class B 3M Radiated

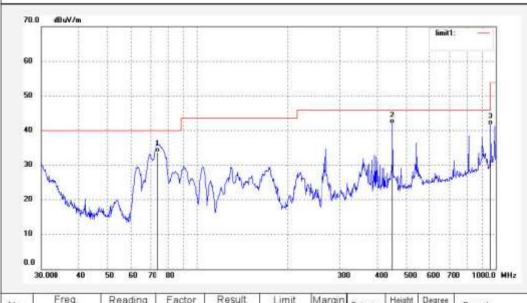
Test item: Radiation Test

Temp.( C)/Hum.(%) 23 C / 48 % EUT: ContextMedia Health

Model: TX 2402MHz

Model: P-WAL-106-ELC-01

Manufacturer: ContextMedia LLC



No.	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dBuV/m)	(dB)	Detector	Height (cm)	(deg.)	Remark	
1	73.6170	50.24	-16.58	33.66	40.00	-6.34	QP				
2	451.1349	47.73	-5.77	41.96	46.00	-4.04	QP				
3	960.0000	39.21	2.37	41.58	46.00	-4.42	QP				

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Site: 2# Chamber



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Tel +86-0755-26503290 Fax +86-0755-26503396

Standard: FCC Class B 3M Radiated

Test item: Radiation Test
Temp.( C)/Hum.(%) 23 C / 48 %
EUT: ContextMedia Health

Model: TX 2441MHz
Model: P-WAL-106-ELC-01
Manufacturer: ContextMedia LLC

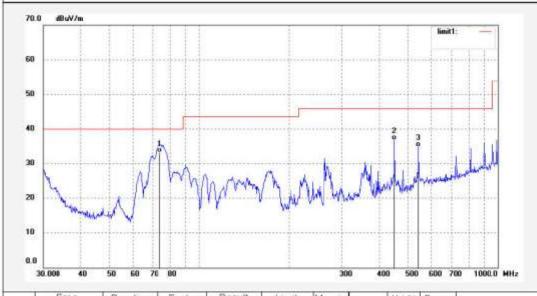
Polarization: Vertical

Power Source: AC 120V/60Hz

Date: 16/08/03/ Time:

Engineer Signature: PEI

Distance: 3m



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark	
1	73.6170	49.68	-16.58	33.10	40.00	-6.90	QP				
2	451.1349	42.58	-5.77	36.81	46.00	-9.19	QP				
3	541.3724	38.69	-3.84	34.85	46.00	-11.15	QP				-





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Fax:+86-0755-26503396 Polarization: Horizontal Power Source: AC 120V/60Hz

Date: 16/08/03/

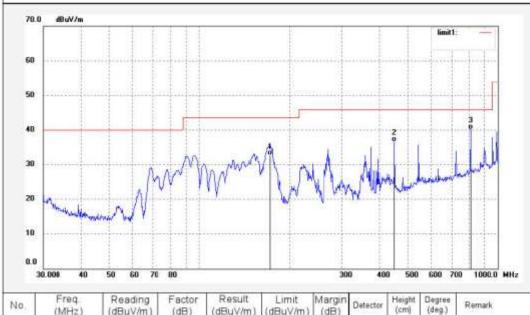
Time:

Engineer Signature: PEI

Distance: 3m

Standard: FCC Class B 3M Radiated Test item: Radiation Test Temp.( C)/Hum.(%) 23 C/48 % EUT: ContextMedia Health Mode: TX 2441MHz

Model: P-WAL-106-ELC-01 Manufacturer: ContextMedia LLC



	No.	Freq. (MHz)	(dBuV/m)	Factor (dB)	(dBuV/m)	(dBuV/m)	(dB)	Detector	Height (cm)	(deg.)	Remark	
	1	172.5988	46.22	-13.65	32.57	43.50	-10.93	QP				
	2	451.1349	42.35	-5.77	36.58	46.00	-9.42	QP				
j	3	810.2653	39.90	0.19	40.09	46.00	-5.91	QP			1	

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Site: 2# Chamber Tel:+86-0755-26503290 Fax:+86-0755-26503396

Standard: FCC Class B 3M Radiated

Test item: Radiation Test Temp.( C)/Hum.(%) 23 C/48 % EUT: ContextMedia Health Mode: TX 2480MHz

Model: P-WAL-106-ELC-01 Manufacturer: ContextMedia LLC

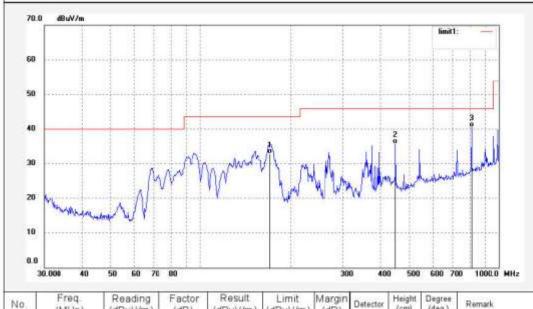
Engineer Signature: PEI

Polarization: Horizontal Power Source: AC 120V/60Hz

Distance: 3m

Date: 16/08/03/

Time:



No.	(MHz)	(dBuV/m)	Factor (dB)	(dBuV/m)	(dBuV/m)	(dB)	Detector	Height (cm)	(deg.)	Remark	
1	171.3925	46.43	-13.67	32.76	43.50	-10.74	QP				
2	451.1349	41.50	-5.77	35.73	46.00	-10.27	QP				
3	810.2653	40.37	0.19	40.56	46.00	-5.44	QP				

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Standard: FCC Class B 3M Radiated

Test item: Radiation Test
Temp.( C)/Hum.(%) 23 C / 48 %
EUT: ContextMedia Health
Mode: TX 2480MHz

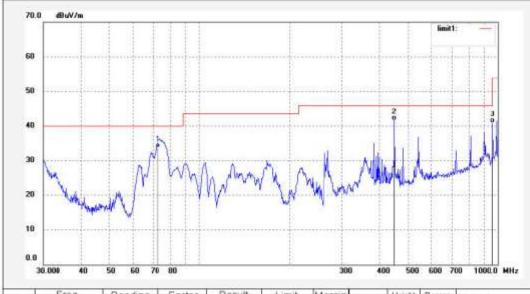
Date: 16/08/03/ Time:

Engineer Signature: PEI

Polarization: Vertical Power Source: AC 120V/60Hz

Distance: 3m

Model: P-WAL-106-ELC-01
Manufacturer: ContextMedia LLC



No.	Freq. (MHz)	(dBuV/m)		(dBuV/m)	(dBuV/m)	(dB)	Detector	Height (cm)	Degree (deg.)	Remark	
1	72.5916	50.08	-16.44	33.64	40.00	-6.36	QP				
2	451.1349	47.33	-5.77	41.56	46.00	-4.44	QP				
3	960.0000	38.46	2.37	40.83	46.00	-5.17	QP				



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#### BDR mode, 1GHz - 18GHz

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Polarization: Vertical

Power Source: AC 120V/60Hz

Date: 16/07/29/

Time:

Engineer Signature: PEI

Distance: 3m

Job No .: phy #2222

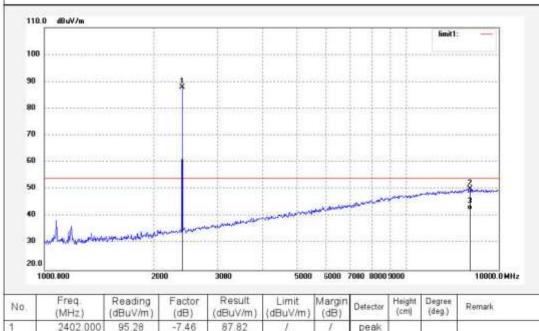
Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.( C)/Hum.(%) 23 C/48 %

EUT: ContextMedia Health Mode: TX 2402MHz

Model: P-WAL-106-ELC-01 Manufacturer: ContextMedia LLC



No.	Freq. (MHz)	(dBuV/m)	Factor (dB)	(dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark	
1	2402.000	95.28	-7.46	87.82	1	1	peak				
2	15003.422	8.97	41.09	50.06	74.00	-23.94	peak				
3	15003 422	1.26	41.09	42:35	54.00	-11.65	AVG				

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Site: 2# Chamber



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eyuan Rd, Tel.+86-0755-26503290 n.P.R. China Fax.+86-0755-26503396 Polarization Horizontal

Power Source: AC 120V/60Hz Date: 16/07/29/

Time:

Engineer Signature: PEI

Distance: 3m

Job No.: phy #2223

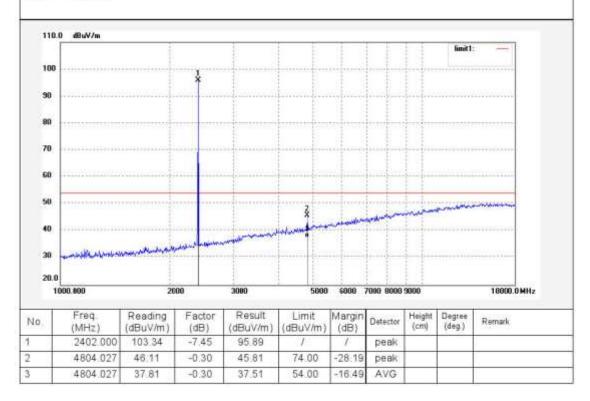
Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.( C)/Hum.(%) 23 C / 48 %

EUT: ContextMedia Health Mode: TX 2402MHz

Model: P-WAL-106-ELC-01
Manufacturer: ContextMedia LLC



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Polarization: Vertical

Engineer Signature: PEI

Date: 16/07/29/

Distance: 3m

Time:

Power Source: AC 120V/60Hz



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JOD NO. PRY #2220

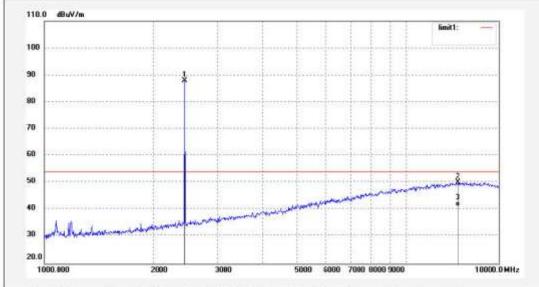
Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.( C)/Hum.(%) 23 C / 48 %

EUT: ContextMedia Health Mode: TX 2441MHz

Model: P-WAL-106-ELC-01 Manufacturer: ContextMedia LLC



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2441.000	95.24	-7.35	87.89	1	1	peak			
2	13877.076	9.77	40.20	49.97	74.00	-24.03	peak			
3	13877.076	1.15	40.20	41.35	54.00	-12.65	AVG			



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Polarization: Horizontal
Power Source: AC 120V/60Hz

Date: 16/07/29/

Time:

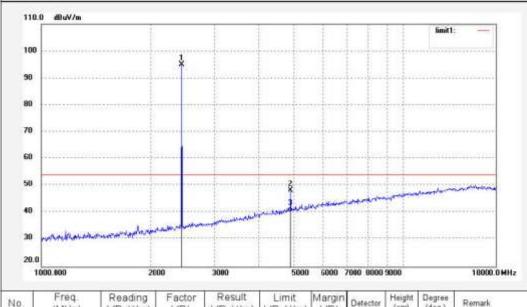
Engineer Signature: PEI

Distance: 3m

Job No.: phy #2227 Standard: FCC Class B 3M Radiated

Test item: Radiation Test
Temp.( C)/Hum.(%) 23 C / 48 %
EUT: ContextMedia Health

Model: P-WAL-106-ELC-01
Manufacturer: ContextMedia LLC



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2441.000	102.29	-7.35	94.94	/	1	peak			
2	4882.028	48.04	0.14	48.18	74.00	-25.82	peak			
3	4882.028	40.18	0.14	40.32	54.00	-13.68	AVG			





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n.P.R.China Fax +86-0755-26503396
Polarization: Horizontal
Power Source: AC 120V/60Hz

Date: 16/07/29/

Time:

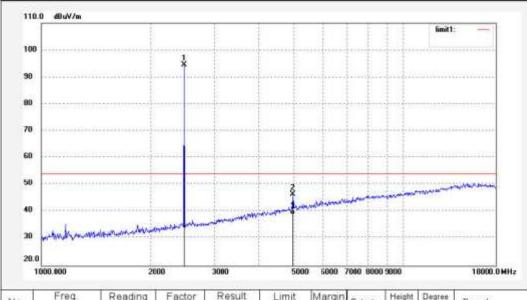
Engineer Signature: PEI

Distance: 3m

Job No.: phy #2228 Standard: FCC Class B 3M Radiated

Test item: Radiation Test
Temp.( C)/Hum.(%) 23 C / 48 %
EUT: ContextMedia Health

Model: P-WAL-106-ELC-01
Manufacturer: ContextMedia LLC



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2480.000	101.95	-7.37	94.58	1	1	peak			
2	4960.029	45.95	0.52	46.47	74.00	-27.53	peak			
3	4960.029	38.16	0.52	38.68	54.00	-15.32	AVG			



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Polarization Vertical

Power Source: AC 120V/60Hz

Date: 16/07/29/

Time:

Engineer Signature: PEI

Distance: 3m

Job No.: phy #2229

Standard: FCC Class B 3M Radiated

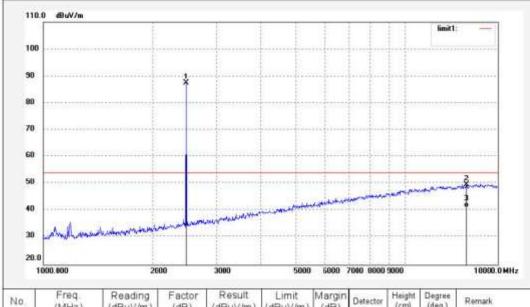
Test item: Radiation Test Temp.( C)/Hum.(%) 23 C/48 %

EUT: ContextMedia Health

Mode: TX 2480MHz

Model: P-WAL-106-ELC-01

Manufacturer: ContextMedia LLC



No.	Freq. (MHz)	(dBuV/m)	Factor (dB)	(dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark	
1	2480.000	94.87	-7.37	87.50	1	1	peak				
2	14745.473	7.81	41.86	49.67	74.00	-24.33	peak				
3	14745.473	-0.51	41.86	41.35	54.00	-12.65	AVG				

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Temp.( C)/Hum.(%) 23 C/48 %

Manufacturer: ContextMedia LLC



#### BDR mode, 18GHz - 26.5GHz



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Time:

Site: 2# Chamber Tel:+86-0755-26503290 Fax:+86-0755-26503396

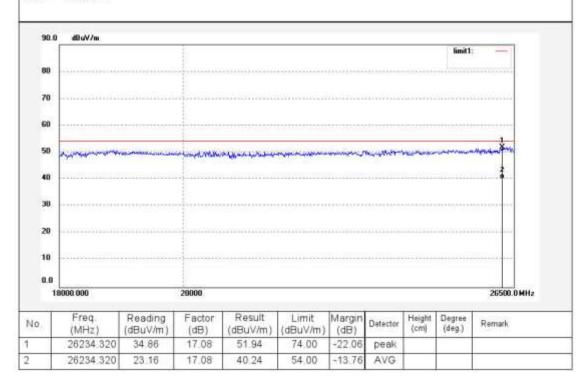
ob No.: BBY #1 Polarization: Vertical

Standard: FCC Class B 3M Radiated Power Source: AC 120V/60Hz

Test item: Radiation Test Date: 2016/08/12

EUT: ContextMedia Health Engineer Signature: PEI

Mode: TX 2402MHz Distance: 3m Model: P-WAL-106-ELC-01





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Site: 2# Chamber

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Fax:+86-0755-26503396 Polarization: Horizontal

Date: 2016/08/12

Time:

Engineer Signature: PEI

Power Source: AC 120V/60Hz

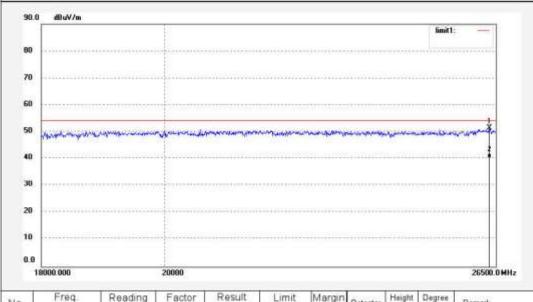
Distance: 3m

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.( C)/Hum.(%) 23 C/48 % EUT: ContextMedia Health

Mode: TX 2402MHz Model: P-WAL-106-ELC-01 Manufacturer: ContextMedia LLC



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark	
1	26356.609	34.93	16.50	51.43	74.00	-22.57	peak				
2	26356.609	23.58	16.50	40.08	54.00	-13.92	AVG				



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Fax:+86-0755-26503396 Polarization: Horizontal

Date: 2016/08/12

Time:

Engineer Signature: PEI

Power Source: AC 120V/60Hz

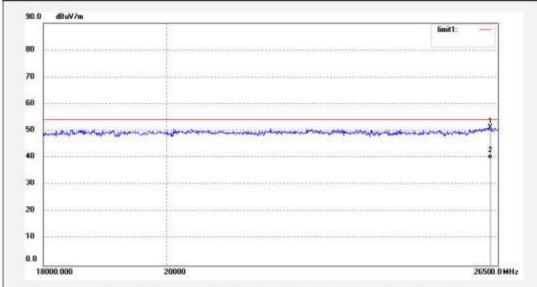
Distance: 3m

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.( C)/Hum.(%) 23 C/48 % EUT: ContextMedia Health

Mode: TX 2441MHz Model: P-WAL-106-ELC-01 Manufacturer: ContextMedia LLC



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark	
1	26336.188	34.58	16.50	51.08	74.00	-22.92	peak				
2	26336.188	22.96	16.50	39.46	54.00	-14.54	AVG				



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Site: 2# Chamber

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Fax:+86-0755-26503396 Polarization: Vertical

Power Source: AC 120V/60Hz Date: 2016/08/12

Time:

Engineer Signature: PEI

Distance: 3m

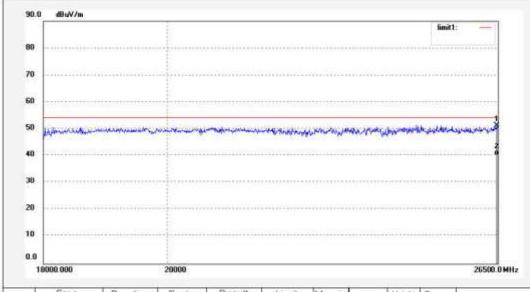
Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.( C)/Hum.(%) 23 C/48 %

EUT: ContextMedia Health Mode: TX 2441MHz

Model: P-WAL-106-ELC-01 Manufacturer: ContextMedia LLC



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26479.468	34.17	16.91	51.08	74.00	-22.92	peak			
2	26479.468	23.24	16.91	40.15	54.00	-13.85	AVG			



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#### ACCURATE TECHNOLOGY CO., LTD.

F1,Bldg A,Changyuan New Material Port Keyuan Rd, Science & Industry Park,Nanshan Shenzhen,P.R.China

Polarization: Vertical

Power Source: AC 120V/60Hz

Date: 2016/08/12

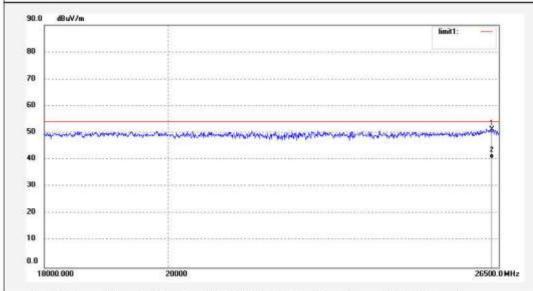
Time:

Engineer Signature: PEI

Distance: 3m

Standard: FCC Class B 3M Radiated Test item: Radiation Test Temp.( C)/Hum.(%) 23 C/48 % EUT: ContextMedia Health Mode: TX 2480MHz Model: P-WAL-106-ELC-01

Manufacturer: ContextMedia LLC



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark	
1	26346.396	34.20	17.00	51.20	74.00	-22.80	peak				
2	26346.396	23.35	17.00	40.35	54.00	-13.65	AVG				



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Site: 2# Chamber

**Produkte Products** 

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#### ACCURATE TECHNOLOGY CO., LTD.

F1,Bldg A,Changyuan New Material Port Keyuan Rd, Science & Industry Park,Nanshan Shenzhen,P.R.China

Tel:+86-0755-26503290 Fax:+86-0755-26503396 Polarization: Horizontal

Date: 2016/08/12

Time:

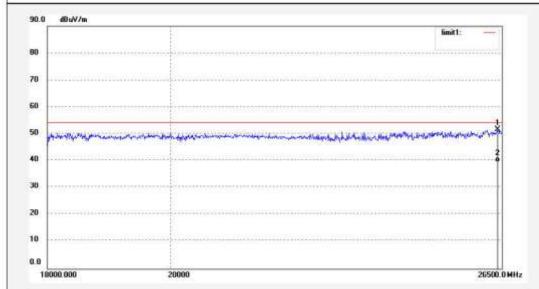
Engineer Signature: PEI

Power Source: AC 120V/60Hz

Distance: 3m

Standard: FCC Class B 3M Radiated Test item: Radiation Test Temp.( C)/Hum.(%) 23 C/48 % EUT: ContextMedia Health Mode: TX 2480MHz Model: P-WAL-106-ELC-01

Manufacturer: ContextMedia LLC



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26407.731	35.06	16.50	51.56	74.00	-22.44	peak			
2	26407.731	23.08	16.50	39.58	54.00	-14.42	AVG			

# Appendix C 50052935 001



**Produkte** 

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#### Low Energy mode, 9KHz - 30MHz

#### ACCURATE TECHNOLOGY CO., LTD

#### FCC Class B 3M Radiated

ContextMedia Health M/N: P-WAL-106-ELC-01

Manufacturer: ContextMedia LLC

Operating Condition: TX 2402MHz (Bluetooth 4.0)

2# Chamber Operator: PEI Test Specification: AC 120V/60Hz

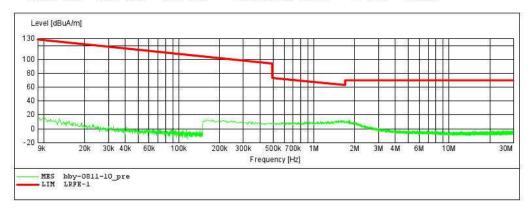
X 2016-8-11 / Start of Test:

SCAN TABLE: "LFRE Fin"
Short Description:
Start Stop Ste \_SUB\_STD\_VTERM2 1.70

IF Transducer

Bandw.

Frequency Frequency Width
9.0 kHz 150.0 kHz 150.0 kHz 9.0 kHz 150.0 kHz 100.0 Hz QuasiPeak 1.0 s 150.0 kHz 30.0 MHz 5.0 kHz QuasiPeak 1.0 s 200 Hz 1516M 9 kHz 1516M



# Appendix C 50052935 001

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**Produkte** 

Page 23 of 51 **Products** 

#### ACCURATE TECHNOLOGY CO., LTD

#### FCC Class B 3M Radiated

ContextMedia Health M/N: P-WAL-106-ELC-01

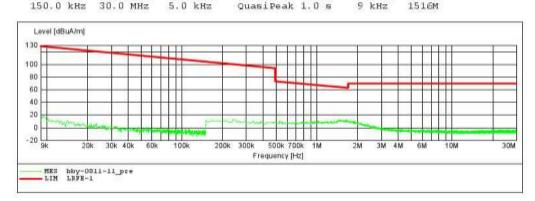
Manufacturer: ContextMedia LLC
Operating Condition: TX 2402MHz (Bluetooth 4.0)
Test Site: 2# Chamber

2016-8-11 /

Operator: PEI

Test Specification: AC 120V/60Hz Comment: Y Start of Test:

SCAN TABLE: "LFRE Fin"
Short Description:
Start Stop Step \_SUB\_STD\_VTERM2 1.70 Detector Meas. Step IF Transducer Prequency Frequency Width 9.0 kHz 150.0 kHz 100.0 Hz 150.0 kHz 30.0 MHz 5.0 kHz Time Bandw. QuasiPeak 1.0 s QuasiPeak 1.0 s 200 Hz 1516M 9 kHz



#### ACCURATE TECHNOLOGY CO., LTD

#### FCC Class B 3M Radiated

EUT: ContextMedia Health M/N: P-WAL-106-ELC-01

Manufacturer: ContextMedia LLC Operating Condition: TX 2402MHz (Bluetooth 4.0)

2# Chamber Test Site:

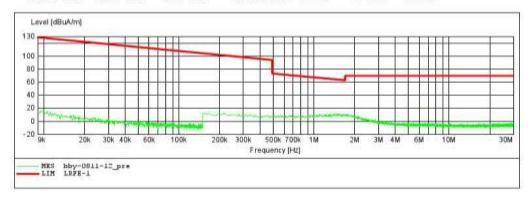
Operator: PEI

Test Specification: AC 120V/60Hz

Comment: Start of Test: 2016-8-11 /

SCAN TABLE: "LFRE Fin"
Short Description:
Start Stop Ste \_SUB\_STD\_VTERM2 1.70 Step Detector Meas. IF Transducer Width Time

Frequency Frequency Bandw. 150.0 kHz 100.0 Hz 30.0 MHz 5.0 kHz QuasiPeak 1.0 s QuasiPeak 1.0 s 200 Hz 1516M 9.0 kHz 150.0 kHz 30.0 MHz 9 kHz 1516M



Produkte Products



Site: 2# Chamber Tel:+86-0755-26503290

Fax:+86-0755-26503396

#### Low Energy mode, 30MHz - 1GHz



# ACCURATE TECHNOLOGY CO., LTD.

F1,Bldg,A,Changyuan New Material Port Keyuan Rd, Science & Industry Park,Nanshan Shenzhen,P.R. China

Polarization: Vertical

Power Source: AC 120V/60Hz

Date: 16/08/03/

Time:

Engineer Signature: PEI

Distance: 3m

Job No.: phy #2370

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

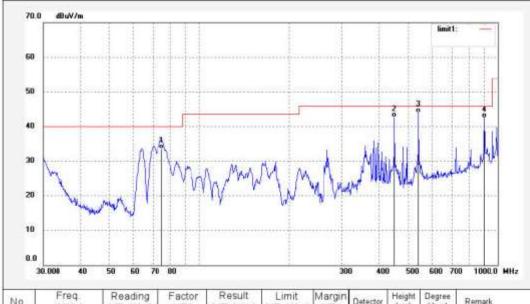
Temp.( C)/Hum.(%) 23 C / 48 % EUT: ContextMedia Health

Model: TX 2402MHz

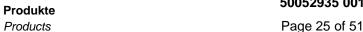
Model: P-WAL-106-ELC-01

Manufacturer: ContextMedia LLC

Note: Bluetooth 4.0



No.	Freq. (MHz)	(dBuV/m)	Factor (dB)	(dBuV/m)	(dBuV/m)	(dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	74.9191	50.23	-16.75	33.48	40.00	-6.52	QP			
2	450.0318	48.44	-5.78	42.66	46.00	-3.34	QP			
3	540.0289	47.86	-3.87	43.99	46.00	-2.01	QP			1,
4	900.0812	41.24	1.28	42.52	46.00	-3.48	QP			L.





Tel:+86-0755-26503290



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F1,Bldg A,Changyuan New Material Port Keyuan Rd, Science & Industry Park,Nanshan Shenzhen,P.R. China

n.P.R.China Fax +86-0755-26503396
Polarization Horizontal

Power Source: AC 120V/60Hz

Date: 16/08/03/

Time:

Engineer Signature: PEI

Distance: 3m

Job No.: phy #2371 Standard: FCC Class B 3M Radiated

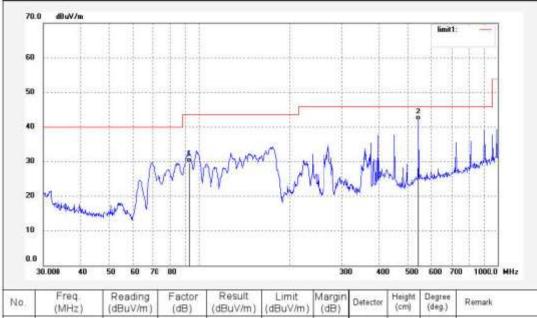
Test item: Radiation Test
Temp.( C)/Hum.(%) 23 C / 48 %
EUT: ContextMedia Health

Model: TX 2402MHz

Model: P-WAL-106-ELC-01

Manufacturer: ContextMedia LLC

Note: Bluetooth 4.0



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	92.1388	44.54	-14.96	29.58	43.50	-13.92	QP			
2	540.0230	45.75	-3.87	41.88	46.00	-4.12	QP			

Products

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Site: 2# Chamber

Tel:+86-0755-26503290 Fax:+86-0755-26503396



## ACCURATE TECHNOLOGY CO., LTD.

F1,Bldg A,Changyuan New Material Port Keyuan Rd, Science & Industry Park,Nanshan Shenzhen,P.R. China

> Polarization: Horizontal Power Source: AC 120V/60Hz

Date: 16/08/03/ Time:

Engineer Signature: PEI

Distance: 3m

Standard: FCC Class B 3M Radiated Test item: Radiation Test

Temp.( C)/Hum.(%) 23 C / 48 % EUT: ContextMedia Health Mode: TX 2440MHz

Model: P-WAL-106-ELC-01 Manufacturer: ContextMedia LLC

Note Bluetooth 4.0

3

540.0242

46.31

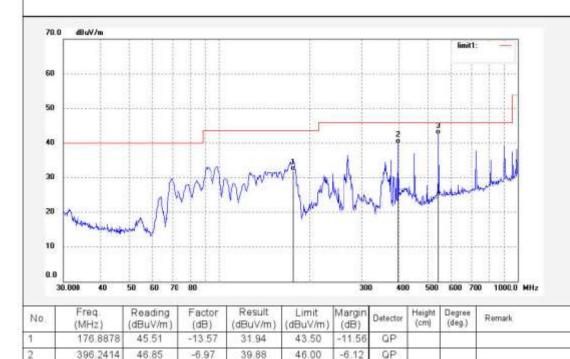
-3.87

42.44

46.00

+3.56

QP



Produkte Products

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Site: 2# Chamber



#### ACCURATE TECHNOLOGY CO., LTD.

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uan Rd, Tel:+86-0755-26503290 P.R.China Fax:+86-0755-26503396

Standard: FCC Class B 3M Radiated

Test item: Radiation Test
Temp.( C)/Hum.(%) 23 C / 48 %
EUT: ContextMedia Health

Model: TX 2440MHz
Model: P-WAL-106-ELC-01
Manufacturer: ContextMedia LLC

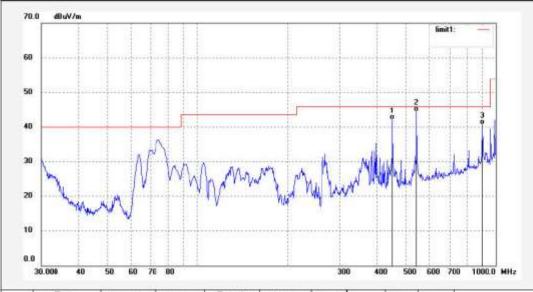
Polarization: Vertical

Power Source: AC 120V/60Hz

Date: 16/08/03/ Time:

Engineer Signature: PEI

Distance: 3m



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark	
1	450.0280	47.90	-5.78	42.12	46.00	-3.88	QP				
2	540.0262	48.42	-3.87	44.55	46.00	-1.45	QP				
3	900.0754	39.43	1.28	40.71	46.00	-5.29	QP.				





Products

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## ACCURATE TECHNOLOGY CO., LTD.

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b No.: phy#2374 Polariza

Standard: FCC Class B 3M Radiated

Test item: Radiation Test Temp.( C)/Hum.(%) 23 C / 48 %

EUT: ContextMedia Health

Model: P-WAL-106-ELC-01
Manufacturer: ContextMedia LLC

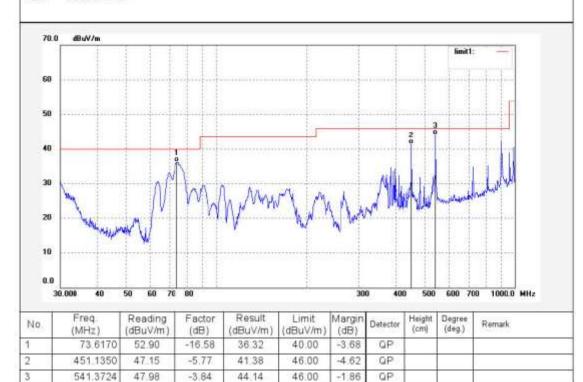
Note: Bluetooth 4.0

Polarization: Vertical Power Source: AC 120V/60Hz

Date: 16/08/03/

Time:

Engineer Signature: PEI





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Site: 2# Chamber

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Produkte Products

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## ACCURATE TECHNOLOGY CO., LTD.

F1,Bldg A,Changyuan New Material Port Keyuan Rd, Science & Industry Park,Nanshan Shenzhen,P.R. China

n,P.R.China Fax +86-0755-26503396
Polarization: Horizontal
Power Source: AC 120V/60Hz

Date: 16/08/03/

Time:

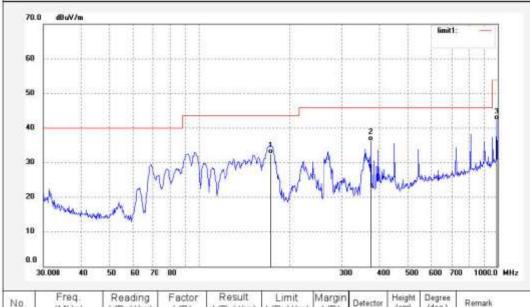
Engineer Signature: PEI

Distance: 3m

Standard: FCC Class B 3M Radiated Test item: Radiation Test Temp.( C)/Hum.(%) 23 C / 48 % EUT: ContextMedia Health

Model: P-WAL-106-ELC-01
Manufacturer: ContextMedia LLC

Note: Bluetooth 4.0



	No.	Freq. (MHz)	(dBuV/m)	Factor (dB)	(dBuV/m)	(dBuV/m)	(dB)	Detector	Height (cm)	(deg.)	Remark	
	1	173.8135	46.03	-13.65	32.38	43.50	-11.12	QP				
j	2	375.9384	43.75	-7.42	36.33	46.00	-9.67	QP				
j	3	993.0113	39.56	2.73	42.29	54.00	-11.71	QP				





Site: 2# Chamber Tel:+86-0755-26503290

Fax:+86-0755-26503396

Produkte Products

#### Low Energy mode, 1GHz - 18GHz



#### ACCURATE TECHNOLOGY CO., LTD.

F1.Bldg.A.Changyuan New Material Port Keyuan Rd, Science & Industry Park, Nanshan Shenzhen, P.R. China

Polarization Horizontal
Power Source: AC 120V/60Hz

Date: 16/07/29/

Time:

Engineer Signature: PEI

Distance: 3m

Job No.: phy #2232

Standard: FCC Class B 3M Radiated

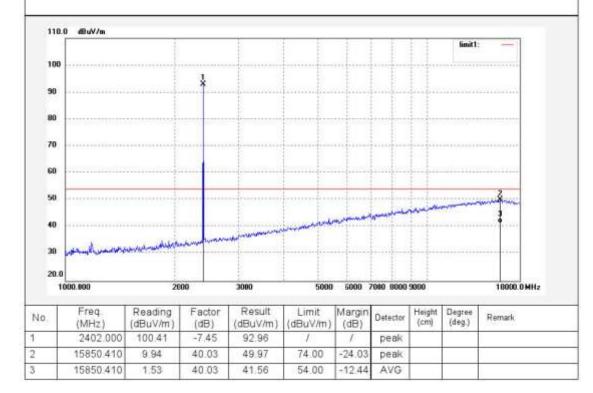
Test item: Radiation Test

Temp.( C)/Hum.(%) 23 C / 48 %

EUT: ContextMedia Health Mode: TX 2402MHz

Model: P-WAL-106-ELC-01 Manufacturer: ContextMedia LLC

Note: Bluetooth 4.0







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Produkte Products

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## ACCURATE TECHNOLOGY CO., LTD.

F1,Bldg A,Changyuan New Material Port Keyuan Rd, Science & Industry Park,Nanshan Shenzhen,P.R.China

Polarization: Vertical

Power Source: AC 120V/60Hz

Date: 16/07/29/

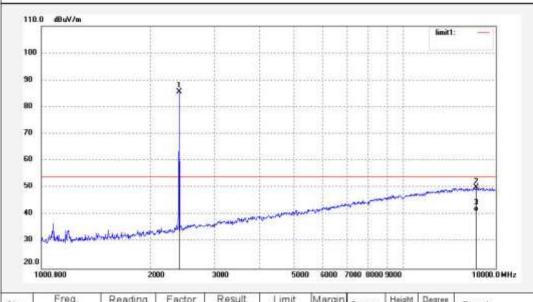
Time:

Engineer Signature: PEI

Distance: 3m

Standard: FCC Class B 3M Radiated Test item: Radiation Test Temp.( C)/Hum.(%) 23 C / 48 % EUT: ContextMedia Health Mode: TX 2402MHz Model: P-WAL-106-ELC-01

Manufacturer: ContextMedia LLC



	No.	Freq. (MHz)	(dBuV/m)	Factor (dB)	(dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark	
	1	2402.000	93.03	-7.45	85.58	/	1	peak				
	2	15896.290	9.92	40.02	49.94	74.00	-24.06	peak				
1	3	15896.290	1.30	40.02	41.32	54.00	-12.68	AVG				





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Produkte Products

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#### ACCURATE TECHNOLOGY CO., LTD.

F1,Bldg A,Changyuan New Material Port Keyuan Rd, Science & Industry Park,Nanshan Shenzhen,P.R. China

Polarization: Horizontal Power Source: AC 120V/60Hz

Date: 16/07/29/

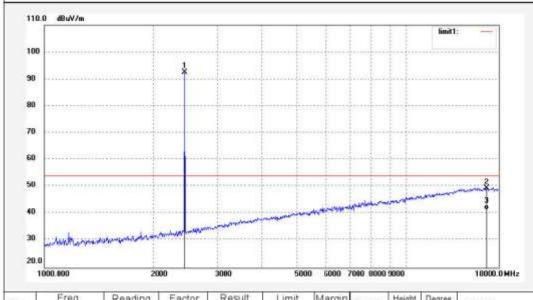
Time:

Engineer Signature: PEI

Distance: 3m

Standard: FCC Class B 3M Radiated Test item: Radiation Test Temp.( C)/Hum.(%) 23 C / 48 % EUT: ContextMedia Health Mode: TX 2440MHz Model: P-WAL-106-ELC-01

Manufacturer: ContextMedia LLC
Note Bluetooth 4.0



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark	
1	2440.000	99.87	-7.36	92.51	/	1	peak				
2	16600.642	8.79	40.58	49.37	74.00	-24.63	peak				
3	16600.642	0.99	40.58	41.57	54.00	-12.43	AVG				





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Produkte Products

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## ACCURATE TECHNOLOGY CO., LTD.

F1,Bldg A,Changyuan New Material Port Keyuan Rd, Science & Industry Park,Nanshan Shenzhen,P.R.China

Polarization: Vertical

Power Source: AC 120V/60Hz

Date: 16/07/29/

Time:

Engineer Signature: PEI

Distance: 3m

Job No : phy #2237

Standard: FCC Class B 3M Radiated

Test item: Radiation Test Temp.( C)/Hum.(%) 23 C / 48 %

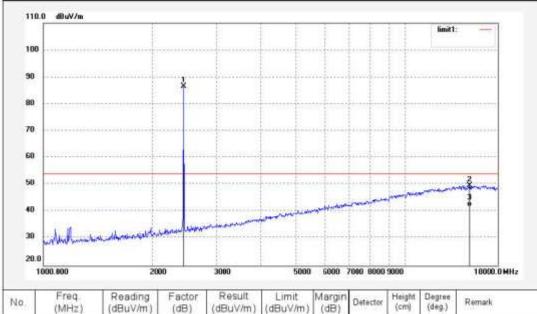
EUT: ContextMedia Health

Mode: TX 2440MHz

Model: P-WAL-106-ELC-01

Manufacturer: ContextMedia LLC

Note: Bluetooth 4.0



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2440.000	93.88	-7.36	86.52	1	1	peak			
2	15046.851	8.50	41.01	49.51	74.00	-24.49	peak			
3	15046.851	0.88	41.01	41.89	54.00	-12.11	AVG			







## ACCURATE TECHNOLOGY CO., LTD.

F1,Bidg A,Changyuan New Material Port Keyuan Rd, Science & Industry Park,Nanshan Shenzhen,P.R. China Site: 2# Chamber Tel:+86-0755-26503290 Fax:+86-0755-26503396

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.( C)/Hum.(%) 23 C / 48 % EUT: ContextMedia Health

Model: P-WAL-106-ELC-01
Manufacturer: ContextMedia LLC

Note: Bluetooth 4.0

3

16081.142

1.53

40.05

41.58

54.00

-12.42

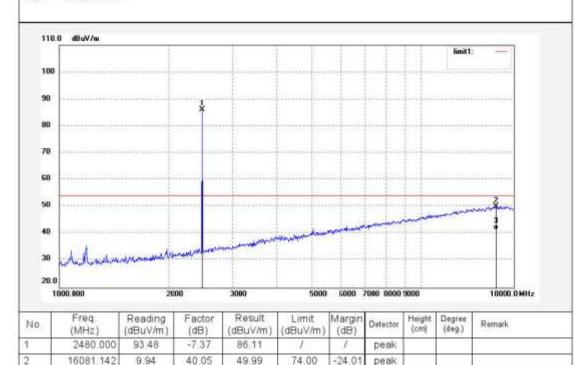
AVG

Polarization: Vertical

Power Source: AC 120V/60Hz

Date: 16/07/29/ Time:

Engineer Signature: PEI





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**Produkte** 

**Products** 

#### ACCURATE TECHNOLOGY CO., LTD.

F1,Bldg,A,Changyuan New Material Port Keyuan Rd, Science & Industry Park, Nanshan Shenzhen, P.R. China

Site: 2# Chamber Tel:+86-0755-26503290 Fax:+86-0755-26503396

Standard: FCC Class B 3M Radiated

Test item: Radiation Test Temp.( C)/Hum.(%) 23 C / 48 %

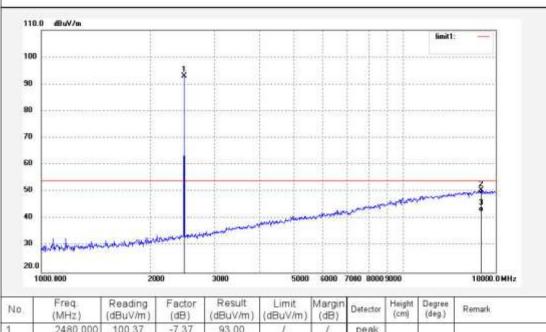
EUT: ContextMedia Health Mode: TX 2480MHz

Model: P-WAL-106-ELC-01 Manufacturer. ContextMedia LLC

Note Bluetooth 4.0 Polarization: Horizontal Power Source: AC 120V/60Hz

Date: 16/07/29/ Time:

Engineer Signature: PEI





Products

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#### Low Energy mode, 18GHz - 26.5GHz



#### ACCURATE TECHNOLOGY CO., LTD.

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Tel:+86-0755-26503290 Fax:+86-0755-26503396

Site 2# Chamber

Job No.: BBY #7

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.( C)/Hum.(%) 23 C/48 %

EUT: ContextMedia Health

Model: TX 2402MHz

Model: P-WAL-106-ELC-01

Manufacturer: ContextMedia LLC

Note: Bluetooth 4.0

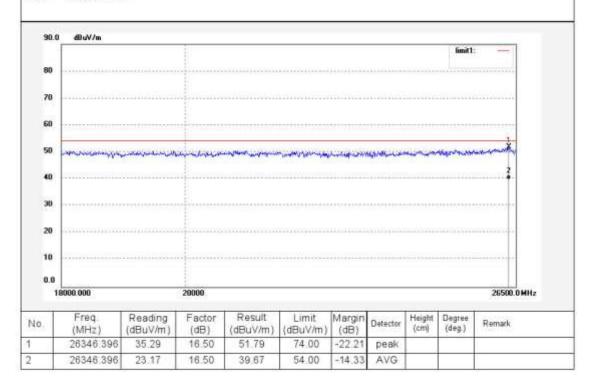
Polarization Horizontal

Power Source: AC 120V/60Hz

Date: 2016/08/12

Time:

Engineer Signature: PEI





Site: 2# Chamber

Tel:+86-0755-26503290

**Produkte Products** 

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# ACCURATE TECHNOLOGY CO., LTD.

F1,Bldg A,Changyuan New Material Port Keyuan Rd, Science & Industry Park,Nanshan Shenzhen,P.R.China

Fax:+86-0755-26503396 Polarization: Vertical

Power Source: AC 120V/60Hz

Date: 2016/08/12

Time:

Engineer Signature: PEI

Distance: 3m

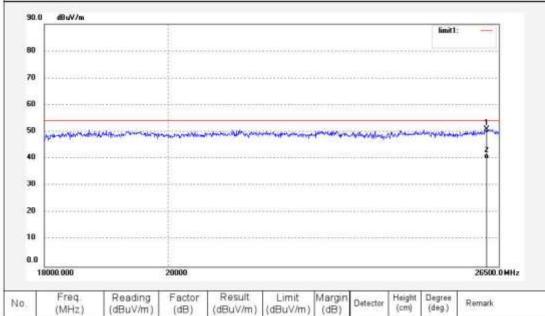
Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.( C)/Hum.(%) 23 C/48 %

EUT: ContextMedia Health Mode: TX 2402MHz

Model: P-WAL-106-ELC-01 Manufacturer: ContextMedia LLC



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26224.155	33.86	17.08	50.94	74.00	-23.06	peak			
2	26224.155	22.84	17.08	39.92	54.00	-14.08	AVG			



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Site: 2# Chamber

Tel:+86-0755-26503290



**Produkte** 

**Products** 

#### ACCURATE TECHNOLOGY CO., LTD.

F1,Bldg,A,Changyuan New Material Port Keyuan Rd, Science & Industry Park, Nanshan Shenzhen, P.R. China

Fax:+86-0755-26503396 Polarization: Vertical

Power Source: AC 120V/60Hz Date: 2016/08/12

Time:

Engineer Signature: PEI

Distance: 3m

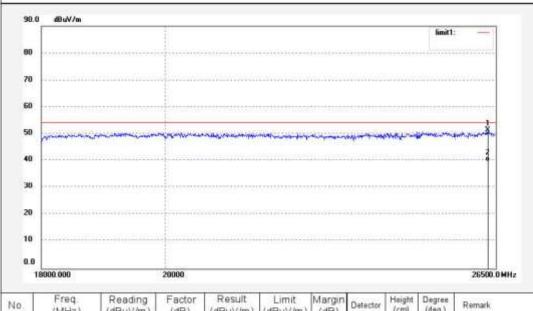
Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.( C)/Hum.(%) 23 C/48 %

EUT: ContextMedia Health Mode: TX 2440MHz Model: P-WAL-106-ELC-01

Manufacturer. ContextMedia LLC





Products

ATC<sup>®</sup>

# ACCURATE TECHNOLOGY CO., LTD.

F1,Bidg A,Changyuan New Material Port Keyuan Rd, Science & Industry Park,Nanshan Shenzhen,P.R. China Tel:+86-0755-26503290 Fax:+86-0755-26503396

Site: 2# Chamber

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.( C)/Hum.(%) 23 C / 48 %

EUT: ContextMedia Health Mode: TX 2440MHz

Model: P-WAL-106-ELC-01 Manufacturer ContextMedia LLC

26377.046

23.20

16.50

39.70

Note: Bluetooth 4.0

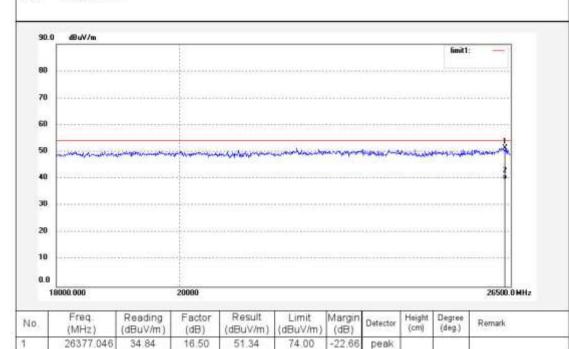
Polarization Horizontal Power Source: AC 120V/60Hz

Date: 2016/08/12

Time:

Engineer Signature: PEI

Distance: 3m



54.00

-14.30

AVG



Site: 2# Chamber

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Produkte Products

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#### ACCURATE TECHNOLOGY CO., LTD.

F1,Bldg A,Changyuan New Material Port Keyuan Rd, Science & Industry Park,Nanshan Shenzhen,P.R. China

Polarization Horizontal

Power Source: AC 120V/60Hz

Date: 2016/08/12

Time:

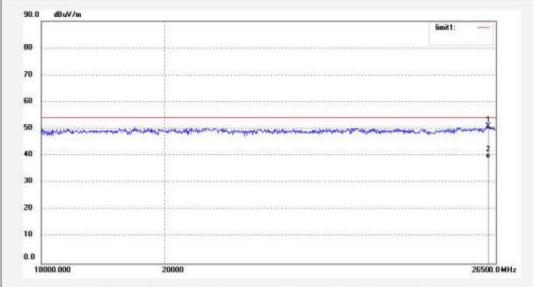
Engineer Signature: PEI

Distance: 3m

Job No.: BBY #11
Standard: FCC Class B 3M Radiated
Test item: Radiation Test

Temp.( C)/Hum.(%) 23 C / 48 % EUT: ContextMedia Health

Mode: TX 2480MHz
Model: P-WAL-106-ELC-01
Manufacturer: ContextMedia LLC



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark	
1	26336.188	34.35	16.50	50.85	74.00	-23.15	peak				
2	26336.188	22.49	16.50	38.99	54.00	-15.01	AVG				



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Site: 2# Chamber

Tel:+86-0755-26503290 Fax:+86-0755-26503396



**Produkte** 

**Products** 

#### ACCURATE TECHNOLOGY CO., LTD.

F1,Bldg A,Changyuan New Material Port Keyuan Rd, Science & Industry Park,Nanshan Shenzhen,P.R.China

Polarization: Vertical

Power Source: AC 120V/60Hz

Date: 2016/08/12

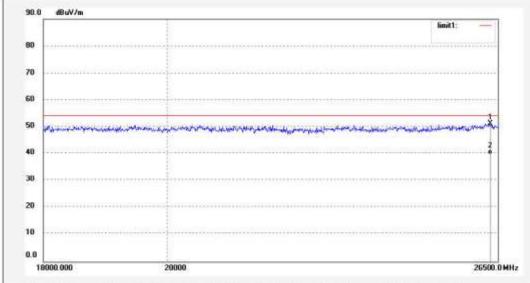
Time:

Engineer Signature: PEI

Distance: 3m

Standard: FCC Class B 3M Radiated Test item: Radiation Test Temp.( C)/Hum.(%) 23 C/48 % EUT: ContextMedia Health Mode: TX 2480MHz

Model: P-WAL-106-ELC-01 Manufacturer: ContextMedia LLC



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark	
1	26325.983	34.23	17.02	51.25	74.00	-22.75	peak				
2	26325.983	22.68	17.02	39.70	54.00	-14.30	AVG				



**Produkte Products** 



# Appendix C.2: Test Plots of Band Edge (Radiated)

#### **BDR mode, Low Channel**



#### ACCURATE TECHNOLOGY CO., LTD.

F1,Bidg A, Changyuan New Material Port Keyuan Rd, Science & Industry Park, Nanshan Shenzhen, P.R. China

Site: 2# Chamber Tel:+86-0755-26503290 Fax:+86-0755-26503396

Polarization: Horizontal

Engineer Signature: PEI

Date: 16/07/29/

Distance: 3m

Power Source: AC 120V/60Hz

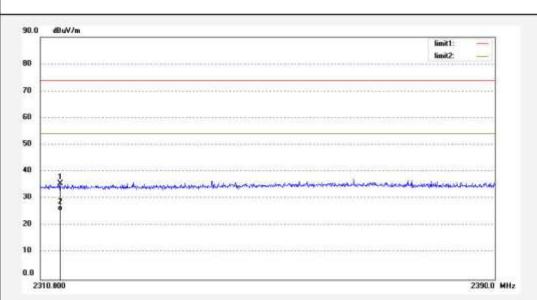
Job No.: phy #2224 Standard: FCC (Band Edge) Test item: Radiation Test

Temp.( C)/Hum.(%) 23 C / 48 %

EUT: ContextMedia Health Mode: TX 2402MHz

Model: P-WAL-106-ELC-01 Manufacturer: ContextMedia LLC

Note Bluetooth



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark	
1	2313.520	43.37	-7.80	35.57	74.00	-38.43	peak				
2	2313.520	33.44	-7.80	25.64	54.00	-28.36	AVG				



**Produkte Products** 

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# ACCURATE TECHNOLOGY CO., LTD.

F1,Bldg A,Changyuan New Material Port Keyuan Rd, Science & Industry Park,Nanshan Shenzhen,P.R. China

Site: 2# Chamber Tel:+86-0755-26503290 Fax:+86-0755-26503396

Job No .: phy #2225 Standard: FCC (Band Edge)

Test item: Radiation Test Temp.( C)/Hum.(%) 23 C/48 %

EUT: ContextMedia Health Mode: TX 2402MHz

Model: P-WAL-106-ELC-01 Manufacturer: ContextMedia LLC

Note Bluetooth Polarization: Vertical

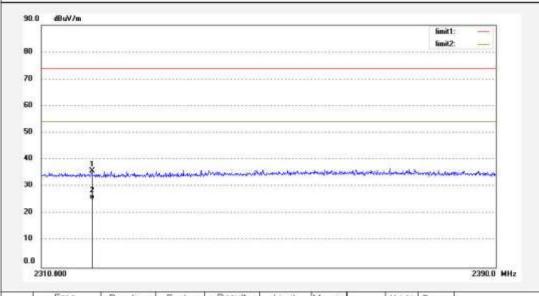
Power Source: AC 120V/60Hz

Date: 16/07/29/

Time:

Engineer Signature: PEI

Distance: 3m



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark	
1	2318.880	43.61	-7.81	35.80	74.00	-38.20	peak				
2	2318 880	33.05	-7.81	25.24	54.00	-28.76	AVG				



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Site: 2# Chamber

#### **BDR mode, High Channel**

**Produkte** 

**Products** 



#### ACCURATE TECHNOLOGY CO., LTD.

F1,Bidg A,Changyuan New Material Port Keyuan Rd, Science & Industry Park, Nanshan Shenzhen, P.R. China

Tel:+86-0755-26503290 Fax:+86-0755-26503396

Job No.: phy #2230

Standard: FCC (Band Edge) Test item: Radiation Test

Temp.( C)/Hum.(%) 23 C/48 %

EUT: ContextMedia Health

TX 2480MHz Model: P-WAL-106-ELC-01 Manufacturer: ContextMedia LLC

Note Bluetooth Polarization: Vertical

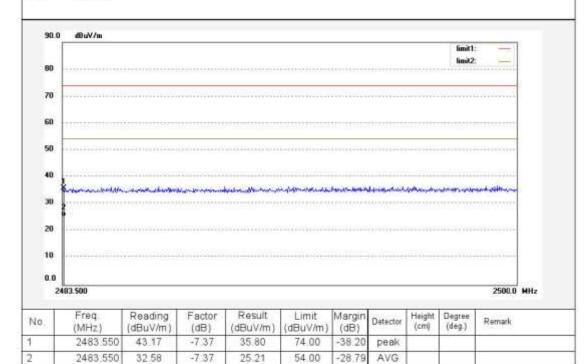
Power Source: AC 120V/60Hz

Date: 16/07/29/

Time:

Engineer Signature: PEI

Distance: 3m





Site: 2# Chamber

**Produkte Products** 

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Job No .: phy #2231

# ACCURATE TECHNOLOGY CO., LTD.

F1,Bldg A,Changyuan New Material Port Keyuan Rd, Science & Industry Park,Nanshan Shenzhen,P.R.China

Tel:+86-0755-26503290 Fax:+86-0755-26503396 Polarization: Horizontal

Power Source: AC 120V/60Hz Date: 16/07/29/

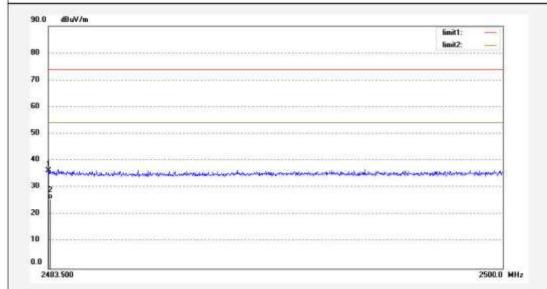
Time:

Engineer Signature: PEI

Distance: 3m

Standard: FCC (Band Edge) Test item: Radiation Test Temp.( C)/Hum.(%) 23 C/48 % EUT: ContextMedia Health Mode: TX 2480MHz Model: P-WAL-106-ELC-01 Manufacturer: ContextMedia LLC

Note Bluetooth



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2483.517	43.60	-7.37	36.23	74.00	-37.77	peak			
2	2483.517	33.16	-7.37	25.79	54.00	-28.21	AVG			



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Site: 2# Chamber Tel:+86-0755-26503290

Fax +86-0755-26503396

#### Low Energy mode, Low Channel

**Produkte** 

**Products** 



Job No.: phy #2234

# ACCURATE TECHNOLOGY CO., LTD.

F1,Bldg.A,Changyuan New Material Port Keyuan Rd. Science & Industry Park, Nanshan Shenzhen, P.R. China

Polarization: Vertical

Power Source: AC 120V/60Hz

Date: 16/07/29/

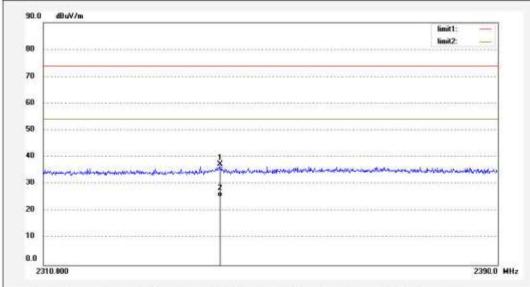
Time:

Engineer Signature: PEI

Distance: 3m

Standard: FCC (Band Edge) Test item: Radiation Test Temp.( C)/Hum.(%) 23 C/48 % EUT: ContextMedia Health Mode: TX 2402MHz Model: P-WAL-106-ELC-01

Manufacturer: ContextMedia LLC Note Bluetooth 4.0



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark	
1	2340.720	45.31	-7.79	37.52	74.00	-36.48	peak			Į.	
2	2340.720	33.09	-7.79	25.30	54.00	-28.70	AVG				



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Site: 2# Chamber



**Produkte** 

**Products** 

# ACCURATE TECHNOLOGY CO., LTD.

F1,Bldg A,Changyuan New Material Port Keyuan Rd, Science & Industry Park,Nanshan Shenzhen,P.R. China

Tel:+86-0755-26503290 Fax:+86-0755-26503396 Polarization: Horizontal

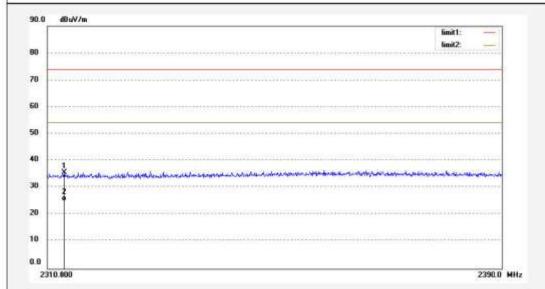
Distance: 3m

Job No .: phy #2235 Standard: FCC (Band Edge) Power Source: AC 120V/60Hz

Test item: Radiation Test Date: 16/07/29/ Temp.( C)/Hum.(%) 23 C/48 % Time:

EUT: ContextMedia Health Engineer Signature: PEI

Mode: TX 2402MHz Model: P-WAL-106-ELC-01 Manufacturer: ContextMedia LLC



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2313.040	43.46	-7.81	35.65	74.00	-38.35	peak			
2	2313.040	32.85	-7.81	25.04	54.00	-28.96	AVG			



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Site: 2# Chamber Tel:+86-0755-26503290

Fax +86-0755-26503396

#### Low Energy mode, High Channel

**Produkte** 

**Products** 



#### ACCURATE TECHNOLOGY CO., LTD.

F1,Bldg.A,Changyuan New Material Port Keyuan Rd. Science & Industry Park, Nanshan Shenzhen, P.R. China

Polarization: Horizontal Power Source: AC 120V/60Hz

Date: 16/07/29/

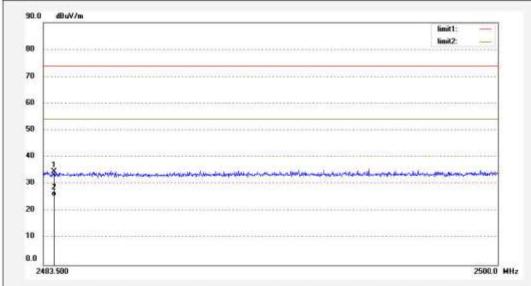
Time:

Engineer Signature: PEI

Distance: 3m

Job No .: phy #2240 Standard: FCC (Band Edge) Test item: Radiation Test Temp.( C)/Hum.(%) 23 C/48 % EUT: ContextMedia Health

Mode: TX 2480MHz Model: P-WAL-106-ELC-01 Manufacturer: ContextMedia LLC



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark	
1	2483.880	42.14	-7.38	34.76	74.00	-39.24	peak				
2	2483.880	32.92	-7.38	25.54	54.00	-28.46	AVG				



Site: 2# Chamber

Tel:+86-0755-26503290

**Produkte Products** 

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#### ACCURATE TECHNOLOGY CO., LTD.

F1,Bldg A,Changyuan New Material Port Keyuan Rd, Science & Industry Park,Nanshan Shenzhen,P.R. China

Fax:+86-0755-26503396 Polarization: Vertical

Power Source: AC 120V/60Hz Date: 16/07/29/

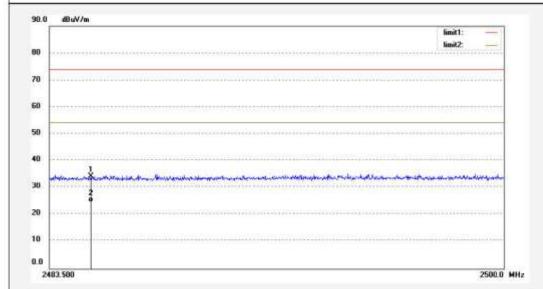
Time:

Engineer Signature: PEI

Distance: 3m

Job No .: phy #2241 Standard: FCC (Band Edge) Test item: Radiation Test Temp.( C)/Hum.(%) 23 C/48 % EUT: ContextMedia Health Mode: TX 2480MHz Model: P-WAL-106-ELC-01

Manufacturer: ContextMedia LLC



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark	
1	2485.001	41.78	-7.38	34.40	74.00	-39.60	peak				
2	2485.001	31.95	-7.38	24.57	54.00	-29.43	AVG				

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# **Appendix C.3: Test Plots of Conducted Emission**

#### **C** Mode

#### ACCURATE TECHNOLOGY CO., LTD

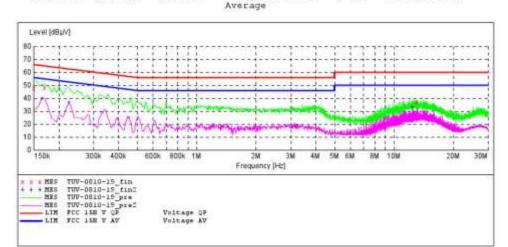
#### CONDUCTED EMISSION STANDARD FCC PART 15 B

ContextMedia Health M/N:P-WAL-106-ELC-01

Manufacturer: ContextMedia LLC Operating Condition: On with Bluetooth 1#Shielding Room Test Site: Operator:

LGWADE Test Specification: N 120V/60Hz Mains Port Comment: Start of Test: 8/10/2016 /

SCAN TABLE: "V 9K-30MHz fin"
Short Description: \_SU SUB\_STD\_VTERM2 1.70 Detector Meas. IF Time Ban Step Start Stop Transducer Prequency Prequency Width Time Bandw. 9.0 kHz 150.0 kHz 100.0 Hz QuasiPeak 1.0 s 200 Hz NSLK8126 2008 Average 150.0 kHz 30.0 MHz 5.0 kHz QuasiPeak 1.0 s 9 kHz NSLK8126 2008



#### MEASUREMENT RESULT: "TUV-0810-19 fin"

8/10/2016 Prequency MHz	Level dBµV	Transd dB	Limit dBµV		Detector		PE
0.150000	47.40	10.5	66	18.6	QP	N	GND
0.170000	47.90	10.5	65	17.1	QP	N	GND
13,030000	36.50	11.3	60	23.5	QP	N	GND

#### MEASUREMENT RESULT: "TUV-0810-19 fin2"

8/10/2016							
Frequency MHz	Level dBµV	Transd dB	Limit dBµV		Detector		PE
0.165000	39.50	10.5	55	15.7	AV	N	GND
0.225000	36.70	10.6	53	15.9	AV	N	GND
12.355000	33.10	11.3	50	16.9	AV	N	GND

# Appendix C

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**Products** 



#### ACCURATE TECHNOLOGY CO., LTD

#### CONDUCTED EMISSION STANDARD FCC PART 15 B

ContextMedia Health M/N:P-WAL-106-ELC-01 ContextMedia LLC EUT:

Manufacturer: Operating Condition: On with Bluetooth Test Site: 1#Shielding Room

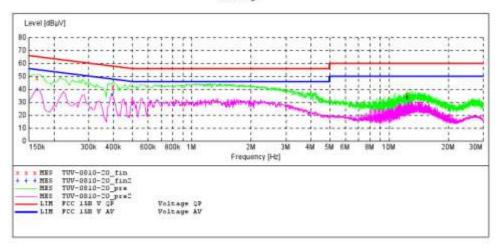
Operator: LGWADE Test Specification: L 120V/60Hz Comment: Mains Port Start of Test: 8/10/2016 /

SCAN TABLE: "V 9K-30MHz fin"
Short Description: \_\_SUB\_STD\_VTERM2 1.70
Start Stop Step Detector Meas.

Detector Meas. IF Time Ban Transducer Prequency Prequency Width 9.0 kHz 150.0 kHz 100.0 Hz Bandw. QuasiPeak 1.0 s 200 Hz NSLK8126 2008

Average 150.0 kHz 30.0 MHz 5.0 kHz QuasiPeak 1.0 s 9 kHz NSLK8126 2008

Average



#### MEASUREMENT RESULT: "TUV-0810-20 fin"

8/10/2016 Frequency MHz	Level dBµV	Transd dB	Limit dBµV		Detector		PE
0.165000 0.400000	48.60 41.30	10.5	65 58	16.6 16.6	QP QP	L1 L1	GND
12.355000	35.70	11.3	60	24.3	QP	Li	GND

#### MEASUREMENT RESULT: "TUV-0810-20 fin2"

8/10/2016 Frequency MHz	Level dBµV	Transd dB		Margin dB	Detector		PE
0.165000	39.30	10.5	55	15.9	AV	1.1	GND
0.395000	35.50	10.7	48	12.5	AV	Li	GND
12.355000	32.60	11.3	50	17.4	AV	Ll	GND