CERTIFICATION TEST REPORT

Manufacturing Address: Cansec International Ltd

Beijing Jia An Electronics Technology Co., Ltd.

No. 19 Gu Cheng West Street

Shi Jing Shan District Beijing 100043, China

Applicant: BEA Incorporated

RIDC Park West 100 Enterprise Drive

Pittsburgh, Pennsylvania 15275 USA

Product Name: Push Plates with Integrated 900 MHz Wireless Technology

Product Description: Transceiver pair operating in the ISM band (902-928 MHz),

implementing frequency hopping, intended to be used as wireless door activation/sequencing devices in the pedestrian automatic

door industry.

Model(s): Br2-900

FCC ID: 2ABWS-10BR2900

Testing Commenced: Jan. 25, 2017

Testing Ended: Jan. 26, 2017

Summary of Test Results: In Compliance

The EUT complies with the FCC requirements when manufactured identically as the unit tested in this report, including any required modifications. Any changes to the design or build of this unit subsequent to this testing may deem it non-compliant.

Report Number: F2LQ9346-01E Page 1 of 34 Issue Date: Feb. 10, 2017

Model: Br2-900

Standards:

- ❖ FEDERAL REGISTER CFR 47, PART 15 RADIO FREQUENCY DEVICES
 - Part 15 Subpart C, Section 15.231 Periodic operation in the band 40.66–40.70
 MHz and above 70 MHz
 - Part 15 Subpart C, Section 15.209 Radiated emissions limits; general requirements
 - Part 15 Subpart C, Section 15.35 Measurement detector functions and bandwidths
 - FCC15.207 Conducted Limits
- ANSI C63.10:2013 American National Standard for Methods of Measurement of Radio-Noise Emissions from Low-Voltage Electrical and Electronic Equipment in the Range of 9 kHz to 40 GHz

Evaluation Conducted by:

Joe Knepper, EMC Proj. Eng.

Joe Knippen

Report Reviewed by:

Ken Littell, Director of EMC & Wireless Operations

F2 Labs 26501 Ridge Road Damascus, MD 20872 Ph 301.253.4500 Fax 301.253.5179 F2 Labs 16740 Peters Road Middlefield, OH 44062 Ph 440.632.5541 Fax 440.632.5542

This test report may be reproduced in full; partial reproduction only may be made with the written consent of F2 Labs. The results in this report apply only to the equipment tested.

Report Number: F2LQ9326-01E Page 2 of 34 Issue Date: Feb. 10, 2017

TABLE OF CONTENTS

Section	Title	Page
1	ADMINISTRATIVE INFORMATION	4
2	SUMMARY OF TEST RESULTS/MODIFICATIONS	7
3	ENGINEERING STATEMENT	8
4	EUT INFORMATION AND DATA	9
5	LIST OF MEASUREMENT INSTRUMENTATION	10
6	FCC Part 15.231(a)(1)	11
7	FCC Part 15.231(b)	18
8	FCC Part 15.231(b)(3)(c)	22
9	FCC 15.35(c)	26
10	FCC 15.207	30
11	PHOTOGRAPHS	33

Model: Br2-900

1 ADMINISTRATIVE INFORMATION

1.1 Measurement Location:

F2 Labs in Middlefield, Ohio. Site description and attenuation data are on file with the FCC's Sampling and Measurement Branch at the FCC Laboratory in Columbia, MD.

1.2 Measurement Procedure:

All measurements were performed according to the 2013 version of ANSI C63.10 and recommended FCC procedure of measurement for Intermittent Transmitters and Receivers operating under Section 15.231. A list of the measurement equipment can be found in Section 6.

Report Number: F2LQ9326-01E Page 4 of 34 Issue Date: Feb. 10, 2017

Model: Br2-900

1.3 Uncertainty Budget:

The uncertainty in EMC measurements arises from several factors which affect the results, some associated with environmental conditions in the measurement room, the test equipment being used and the measurement techniques adopted.

The measurement uncertainty budgets detailed below are calculated from the test and calibration data, and are expressed with a 95% confidence factor using a coverage factor of k=2. The Uncertainty for a laboratory are referred to as Uab. For Radiated and Conducted Emissions, the Expanded Uncertainty is compared to the Ucispr values to determine if a specific margin is required to deem compliance.

*U*lab

Measurement Range	Combined Uncertainly	Expanded Uncertainty
Radiated Emissions <1 GHz @ 3m	2.54	5.07dB
Radiated Emissions <1 GHz @ 10m	2.55	5.09dB
Radiated Emissions 1 GHz to 2.7 GHz	1.81	3.62dB
Radiated Emissions 2.7 GHz to 18 GHz	1.55	3.10dB
AC Power Line Conducted Emissions, 150kHz to 30 MHz	1.38	2.76dB
AC Power Line Conducted Emissions, 9kHz to 150kHz	1.66	3.32dB

*U*cispr

Measurement Range	Expanded Uncertainty	
Radiated Emissions <1 GHz @ 3m	5.2dB	
Radiated Emissions <1 GHz @ 10m	5.2dB	
Radiated Emissions 1 GHz to 2.7 GHz	Under Consideration	
Radiated Emissions 2.7 GHz to 18 GHz	Under Consideration	
AC Power Line Conducted Emissions, 150kHz to 30 MHz	3.6dB	
AC Power Line Conducted Emissions, 9kHz to 150kHz	4.0dB	

If *U*lab is less than or equal to *U*cispr, then:

- compliance is deemed to occur if no measured disturbance exceeds the disturbance limit;
- non-compliance is deemed to occur if any measured disturbance exceeds the disturbance limit. If *U*lab is greater than *U*cispr in table 1, then:
- compliance is deemed to occur if no measured disturbance, increased by (*U*lab *U*cispr), exceeds the disturbance limit;
- non-compliance is deemed to occur if any measured disturbance, increased by (*U*lab *U*cispr), exceeds the disturbance limit.

Measurement	Uncertainty
Radiated RF Immunity 80 MHz to 1 GHz	2.12dB
Conducted Common Mode RF Immunity, CDN 150kHz to 80 MHz	1.72dB
Conducted Common Mode RF Immunity, BCI 150kHz to 80 MHz	2.06dB
Harmonic Emissions	6.25%
Flicker	.63%

Note: Only measurements listed in the tables above which relate to tests included in this Test Report are applicable.

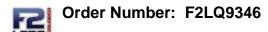
102815

Report Number: F2LQ9326-01E Page 5 of 34 Issue Date: Feb. 10, 2017

Document History 1.4

Document Number	Description	Issue Date	Approved By
F2LQ9326-01E First Issue		Feb. 10, 2017	K. Littell

Page 6 of 34 Report Number: F2LQ9326-01E Issue Date: Feb. 10, 2017



Model: Br2-900

2 SUMMARY OF TEST RESULTS

Standard(s)	Results
CFR 47 Part 15.231(a)(1)	Complies
CFR 47 Part 15.231(b) / Part 15.209	Complies
CFR 47 Part 15.231(b)(3)(c)	Complies
CFR 47 Part 15.31	Complies*
CFR 47 Part 15.207(a)	Complies

Note: Product has provisions for being operated from a source that may connect to an AC mains network or an AC to DC power supply. Voltage Variation testing in 15.31 was performed at the nominal voltage, and then the 85% and 115% of that voltage was tested also. The output power at the High, Mid, and Low channels was measured to verify how much the power and frequency were affected by the variation of the input power. No shift in frequency or power was measured at either of the varied voltages on any of the channels.

Modifications Made to the Equipment	:
-------------------------------------	---

No modifications were made to the EUT

Report Number: F2LQ9326-01E Page 7 of 34 Issue Date: Feb. 10, 2017

Model: Br2-900

3 ENGINEERING STATEMENT

This report has been prepared on behalf of BEA Incorporated to provide documentation for the testing described herein. This equipment has been tested and found to comply with Part 15.231 of the FCC Rules, using ANSI C63.10:2013 standards, with the modifications noted in Section 2 of this Test report. The test results found in this test report relate only to the items tested.

Report Number: F2LQ9326-01E Page 8 of 34 Issue Date: Feb. 10, 2017

Order Number: F2LQ9346 Client: BEA Incorporated

Model: Br2-900

4 EUT INFORMATION AND DATA

4.1 Equipment Under Test:

Product: Push Plates with Integrated 900 MHz Wireless Technology

Serial No.: ENG2013

FCC ID: 2ABWS-10BR2900

4.2 Trade Name: BEA Incorporated

4.3 Power Supply:

DC powered (12-24VDC)

4.4 Applicable Rules:

CFR 47, Part 15.231, subpart C

4.5 Equipment Category:

Intermittent Transceiver

4.6 Antenna:

Wire antenna

4.7 Accessories:

N/A

4.8 Test Item Condition:

The equipment to be tested was received in good condition.

4.9 Testing Algorithm:

The EUT was set up in a normal operating manner, transmitting at low (908 MHz), mid (913 MHz) and high (918 MHz) channels. The EUT was powered via VDC power supply and was varied between the 12-24V range to determine worst case.

102815

Report Number: F2LQ9326-01E Page 9 of 34 Issue Date: Feb. 10, 2017

5 LIST OF MEASUREMENT INSTRUMENTATION

Equipment Type	Asset Number	Manufacturer	Model	Serial Number	Calibration Due Date
Shielded Chamber	CL166-E	AlbatrossProjects	B83117-DF435- T261	US140023	May 12, 2017
Receiver	CL151	Rohde & Schwarz	ESU40	100319	Nov. 28, 2017
Pre-Amplifier	CL153	Keysight Tech.	83006A	MY39500791	June 6, 2017
Active 18" Loop Antenna	CL163	A.H. Systems, Inc.	EHA-52B	100	May 2, 2017
Horn Antenna	CL098	Emco	3115	9809-5580	Dec. 28, 2018
Antenna, JB3 Combination	CL175	Sunol Sciences JB3 A030315		Apr. 1, 2017	
Software:	EMC 32, Version 5.20.2		Software	Verified: Jan. 25,	2017
Software		Γile Version 1.0	Software	Verified: Jan. 25,	2017

Page 10 of 34 Report Number: F2LQ9326-01E Issue Date: Feb. 10, 2017 .Q9346 Client: BEA Incorporated

Model: Br2-900

6 FCC PART 15.231(a)(1)

6.1 Requirements:

A manually operated transmitter shall employ a switch that will automatically deactivate the transmitter with not more than 5 seconds of being released.

102815

Report Number: F2LQ9326-01E Page 11 of 34 Issue Date: Feb. 10, 2017

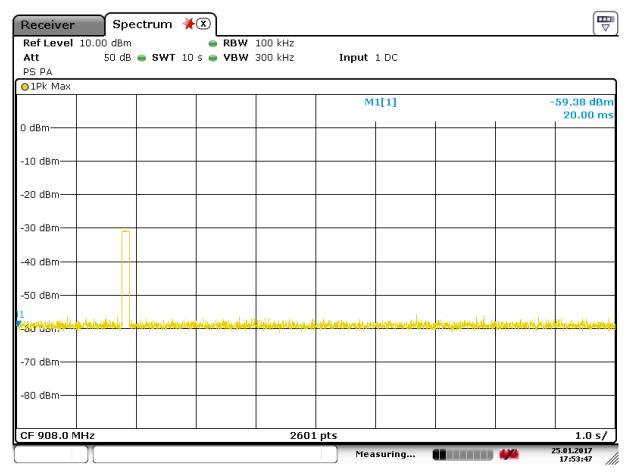


6.2 Test Data

Test Date:	Jan. 25, 2017	Test Engineer(s):	J. Knepper
CFR 47 Part 15 231(a)(1):	Air Temperature:	29.7°C	
Standards:	CFR 47 Part 15.231(a)(1);	Relative Humidity:	52%

Low Channel

The following plot is of a single press and release of the manual push button. This is to show that the transmission ceased in less than 5 seconds of release.

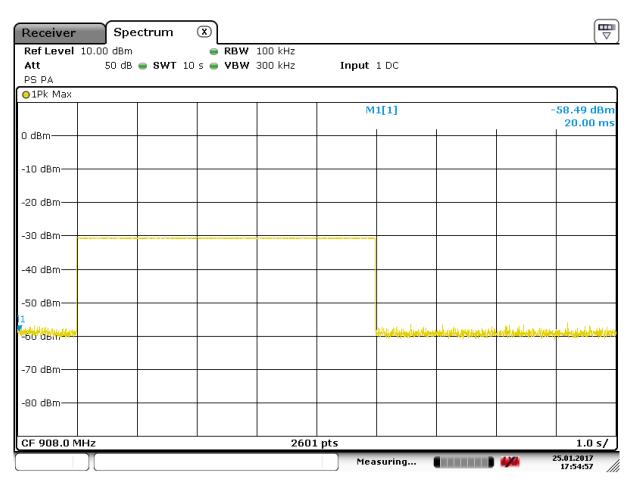


Date: 25.JAN.2017 17:53:47

Report Number: F2LQ9326-01E Page 12 of 34 Issue Date: Feb. 10, 2017

Low Channel, cont'd

The following plot is of a press and hold for five seconds then release of the manual push button, showing that the transmission ceased prior to 5 seconds of release.

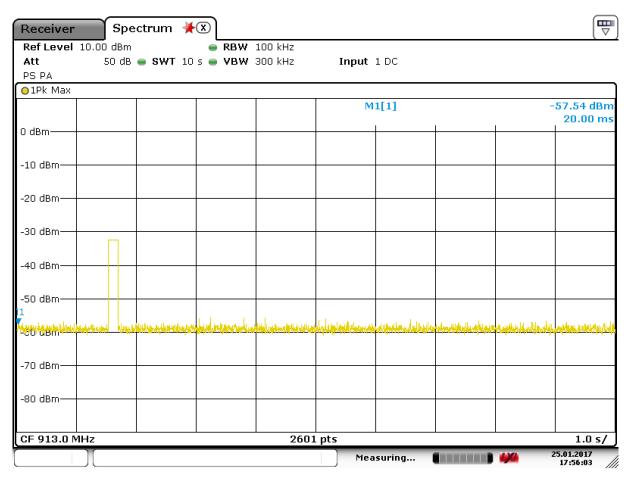


Date: 25.JAN.2017 17:54:56

Report Number: F2LQ9326-01E Page 13 of 34 Issue Date: Feb. 10, 2017

Mid Channel

The following plot is of a single press and release of the manual push button, showing that the transmission ceased prior to 5 seconds of release.



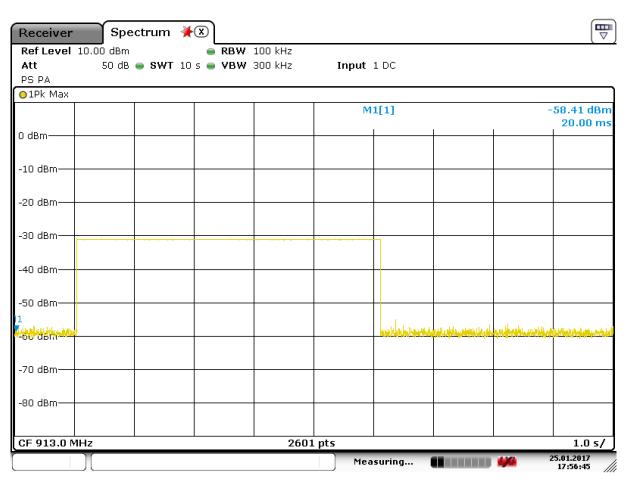
Date: 25.JAN.2017 17:56:04

Report Number: F2LQ9326-01E Page 14 of 34 Issue Date: Feb. 10, 2017



Mid Channel, cont'd

The following plot is of a press and hold for five seconds then release of the manual push button. This is to show that the transmission ceased in less than 5 seconds of release.

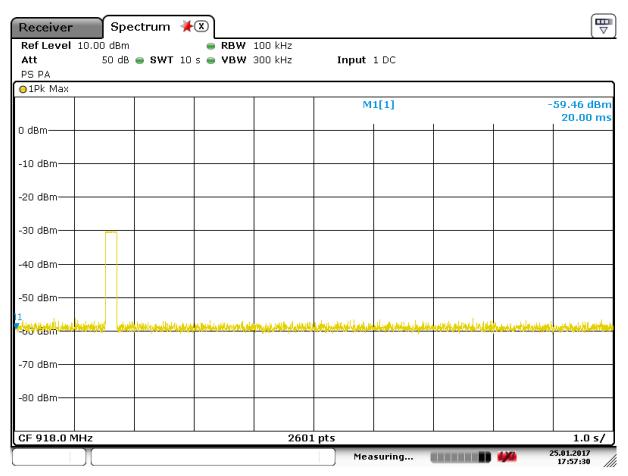


Date: 25.JAN.2017 17:56:45

Report Number: F2LQ9326-01E Page 15 of 34 Issue Date: Feb. 10, 2017

High Channel

The following plot is of a single press and release of the manual push button, showing that the transmission ceased prior to 5 seconds of release.

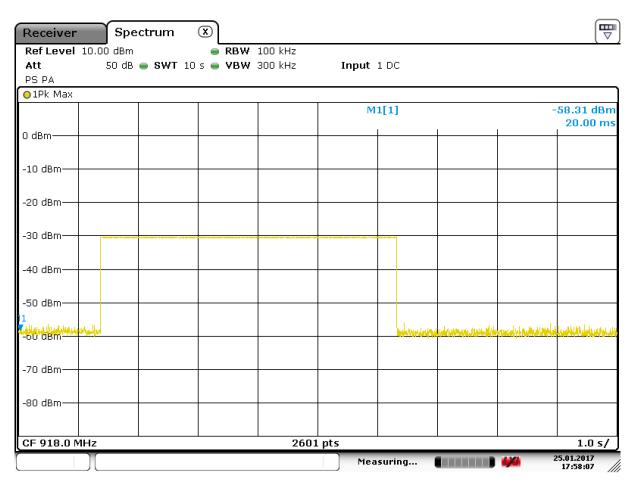


Date: 25.JAN.2017 17:57:30

Issue Date: Feb. 10, 2017

High Channel, cont'd

The following plot is of a press and hold for five seconds then release of the manual push button. This is to show that the transmission ceased in less than 5 seconds of release.



Date: 25.JAN.2017 17:58:07

Report Number: F2LQ9326-01E Page 17 of 34 Issue Date: Feb. 10, 2017

Model: Br2-900

7 FCC PART 15.231(b)

7.1 Requirements:

Field strength of emissions, fundamental and spurious using quasi peak detector.

Limit for fundamental frequency above 470 MHz is: 12,500 µV/m.

Limits for spurious emissions were those specified in 15.209 and 15.231.

While the equipment was energized, the receiving antenna was scanned from 1.0 meter to 4.0 meters in both vertical and horizontal polarities while the turntable was adjusted 360 degrees to determine the maximum field strength.

Emissions test was checked with various wall plates, and the emissions went down. Testing without a wall plate attached was the worst case. Wires were connected to the relay ports and looped back to simulate a loaded relay.

The equipment was fully exercised and was positioned for maximum emissions in all 3 orthogonal positions. The EUT antenna was positioned flat against the plastic tabletop and it was verified, by placing a foam support between the table and the antenna, that the table had no effect on the emissions at these frequency ranges.

Some of the frequencies did not change with the EUT on or off. At those frequencies, the test distance was shortened to 1 meter and still no emissions from the EUT were visible or over the ambient or limit.

There were no emissions from the EUT other than the fundamental emission and so spurious emissions were limited to band edges.

102815

Report Number: F2LQ9326-01E Page 18 of 34 Issue Date: Feb. 10, 2017



7.2 **Test Data**

Test Date(s):	Jan. 25-26, 2017	Test Engineer(s):	J. Knepper
Standarda	Standards: CFR 47 Part 15.231(b); 15.209; C63.10:2013, Section 13.3	Air Temperature:	19.4°C
Standards.		Relative Humidity:	52%

Low Channel

Low Channel - MaxPeak

Frequency (MHz)	Antenna Polarization	Reading (dBµV)	Cable Loss & Antenna Factor (dB)	Emission (dBµV/m)	Limit (dBµV/m)	Margin (dB)
902.000000	V	10.4	31.3	41.70	81.9	-40.2
902.000000	Н	11.1	31.8	42.90	81.9	-39.0
908.000000	Н	54.7	31.9	86.60	101.9	-15.3
908.000000	V	46.2	31.5	77.70	101.9	-24.2
928.000000	Н	10.0	32.2	42.20	81.9	-39.7
928.000000	V	11.0	31.9	42.90	81.9	-39.0

Low Channel - Average

Frequency (MHz)	Antenna Polarization	Reading (dBµV)	Cable Loss & Antenna Factor (dB)	Emission (dBµV/m)	Avg w/DCCF	Limit (dBµV/m)	Margin (dB)
902.000000	V	-2.5	31.3	28.80	18.30	61.9	-43.6
902.000000	Н	-2.6	31.8	29.20	18.80	61.9	-43.1
908.000000	Н	51.4	31.9	83.30	72.80	81.9	-9.1
908.000000	V	42.7	31.5	74.20	63.80	81.9	-18.1
928.000000	Н	-2.5	32.2	29.70	19.20	61.9	-42.7
928.000000	V	-2.6	31.9	29.30	18.80	61.9	-43.1

Report Number: F2LQ9326-01E Page 19 of 34 Issue Date: Feb. 10, 2017

Model: Br2-900

Mid Channel

Mid Channel - MaxPeak

Frequency (MHz)	Antenna Polarization	Interna Polarization I		Emission (dBµV/m)	Limit (dBµV/m)	Margin (dB)
902.000000	V	10.0	31.3	41.30	81.9	-40.6
902.000000	Н	9.8	31.8	41.60	81.9	-40.3
913.000000	Н	54.6	32.0	86.60	101.9	-15.3
913.000000	V	46.5	31.6	78.10	101.9	-23.8
928.000000	Н	10.2	32.2	42.40	81.9	-39.5
928.000000	V	10.5	31.9	42.40	81.9	-39.5

Mid Channel - Average

Frequency (MHz)	Antenna Polarization	Reading (dBµV)	Cable Loss & Antenna Factor (dB)	Emission (dBµV/m)	Avg w/DCCF	Limit (dBµV/m)	Margin (dB)
902.000000	V	-2.6	31.3	28.70	18.20	61.9	-43.7
902.000000	Н	-2.6	31.8	29.20	18.70	61.9	-43.2
913.000000	Н	51.3	32.0	83.30	72.80	81.9	-9.1
913.000000	V	43.0	31.6	74.60	64.10	81.9	-17.8
928.000000	Н	-2.5	32.2	29.70	19.20	61.9	-42.7
928.000000	V	-2.2	31.9	29.70	19.20	61.9	-42.7

Report Number: F2LQ9326-01E Page 20 of 34 Issue Date: Feb. 10, 2017

High Channel

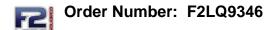
High Channel - MaxPeak

Frequency (MHz)	Antenna Polarization	Reading (dBµV)	•		Limit (dBµV/m)	Margin (dB)
902.000000	V	10.1	31.3	41.40	81.9	-40.5
902.000000	Н	8.3	31.8	40.10	81.9	-41.8
918.000000	V	46.2	32.0	78.20	101.9	-23.7
918.000000	Н	55.0	31.6	86.60	101.9	-15.3
928.000000	Н	10.4	32.2	42.60	81.9	-39.3
928.000000	V	10.1	31.9	42.00	81.9	-39.9

High Channel - Average

Frequency (MHz)	Antenna Polarization	Reading (dBµV)	Cable Loss & Antenna Factor (dB)	Emission (dBµV/m)	Avg w/DCCF	Limit (dBµV/m)	Margin (dB)
902.000000	V	-2.5	31.3	28.80	18.30	61.9	-43.6
902.000000	Н	-2.8	31.8	29.00	18.30	61.9	-43.6
918.000000	V	42.8	32.0	74.80	64.30	81.9	-17.6
918.000000	Н	51.7	31.6	83.30	72.80	81.9	-9.1
928.000000	Н	-2.5	32.2	29.70	19.20	61.9	-42.7
928.000000	V	-2.6	31.9	29.30	18.80	61.9	-43.1

Page 21 of 34 Report Number: F2LQ9326-01E Issue Date: Feb. 10, 2017



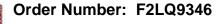
Model: Br2-900

8 FCC Part 15.231(b)(3)(c)

8.1 Requirements:

The bandwidth of the emission shall be no wider than 0.5% of the center frequency. Bandwidth is determined at the points 20dB down from the modulated carrier. 908 MHz bandwidth must be no wider than 4.54 MHz; 913 MHz no wider than 4.566 MHz, and 918 MHz no wider than 4.59 MHz.

Report Number: F2LQ9326-01E Page 22 of 34 Issue Date: Feb. 10, 2017



8.2 Test Data - OCCUPIED BANDWIDTH (-20dB)

Test Date:	Jan. 25, 2017	Test Engineer:	J. Knepper
Standards:	CFR 47 Part 15.231(b)(3)(c)	Air Temperature:	19.8°C
		Relative Humidity:	51%

Occupied Bandwidth, Low Channel: 0.7036 MHz Occupied Bandwidth, Mid Channel: 0.7001 MHz Occupied Bandwidth, High Channel: 0.6424 MHz

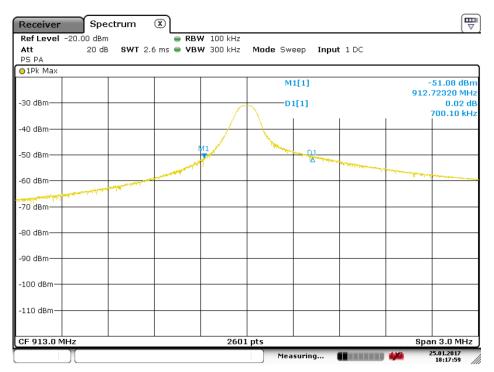
Low Channel



Date: 25.JAN.2017 18:14:40

Report Number: F2LQ9326-01E Page 23 of 34 Issue Date: Feb. 10, 2017

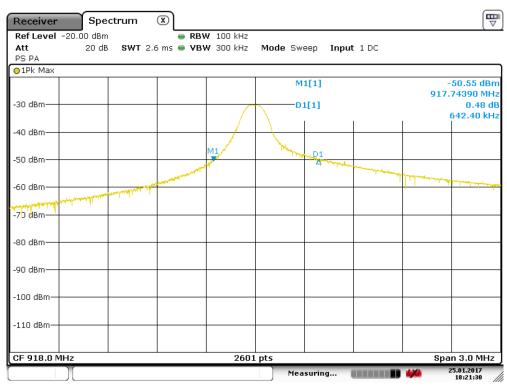
Mid Channel



Date: 25.JAN.2017 18:17:59

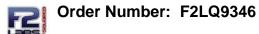
Report Number: F2LQ9326-01E Page 24 of 34 Issue Date: Feb. 10, 2017

High Channel



Date: 25.JAN.2017 18:21:29

Report Number: F2LQ9326-01E Page 25 of 34 Issue Date: Feb. 10, 2017



Model: Br2-900

9 15.35(c) - DUTY CYCLE

A duty cycle correction factor was added to the Radiated Emissions average measurement.

The formula used was: DCCF = $20 \log \left(\frac{29.76ms}{100ms} \right) = -10.5$

Report Number: F2LQ9326-01E Page 26 of 34 Issue Date: Feb. 10, 2017

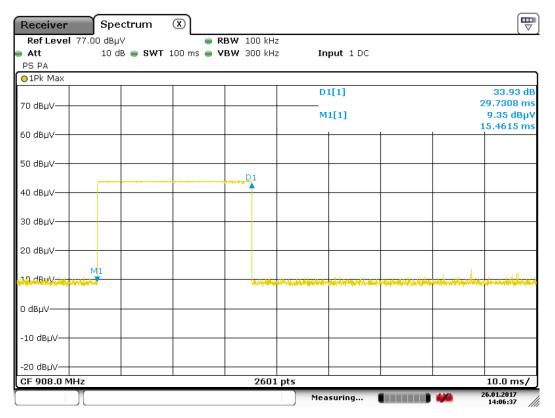


9.2 Test Data

Test Date(s):	Jan. 26, 2017	Test Engineer(s):	J. Knepper
Standards:	CFR 47 Part 15.231	Air Temperature:	20.1°C
		Relative Humidity:	55%

Low Channel

The following plot is of a single press and release of the manual push button three times, showing the Duty Cycle.



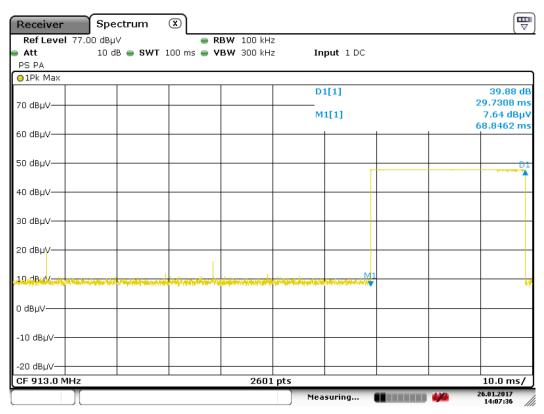
Date: 26.JAN.2017 14:06:38

Report Number: F2LQ9326-01E Page 27 of 34 Issue Date: Feb. 10, 2017



Mid Channel

The following plot is of a single press and release of the manual push button, showing the Duty Cycle.

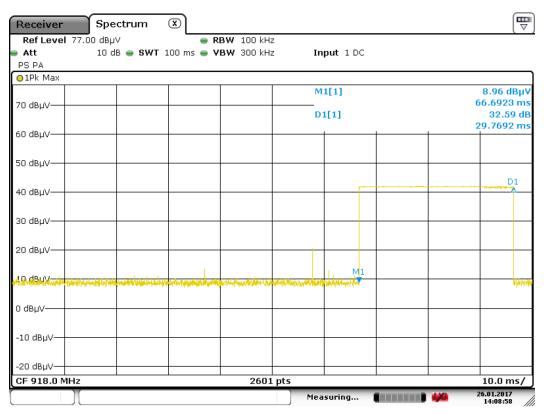


Date: 26.JAN.2017 14:07:36

Report Number: F2LQ9326-01E Page 28 of 34 Issue Date: Feb. 10, 2017

High Channel

The following plot is of a single press and release of the manual push button one time, showing the Duty Cycle.



Date: 26.JAN.2017 14:08:58

Report Number: F2LQ9326-01E Page 29 of 34 Issue Date: Feb. 10, 2017

Model: Br2-900

10 CONDUCTED EMISSIONS

10.1 Requirements

In accordance with FCC CFR 47 Part 15.207(a), "Except as shown in paragraphs (b) and (c) of this section, for an intentional radiator that is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies, within the band 150 kHz to 30 MHz, shall not exceed the limits in the following table, as measured using a 50 μ H/50 ohms line impedance stabilization network (LISN). Compliance with the provisions of this paragraph shall be based on the measurement of the radio frequency voltage between each power line and ground at the power terminal. The lower limit applies at the boundary between the frequency ranges.

	Conducted Limit (dBμV)				
Frequency of Emission (MHz)	Quasi-peak	Average			
0.15-0.5	66 to 56*	56 to 46*			
0.5-5	56	46			
5-30	60	50			

^{*}Decreases with the logarithm of the frequency.

10.2 Procedure

The EUT was placed on a 1.0 x 1.5 meter non-conductive table, 0.8 meter above a horizontal ground plane and 0.4 meter from a vertical ground plane. Power was provided to the EUT through a LISN bonded to a 3 x 2 meter ground plane. The LISN and peripherals were supplied power through a filtered AC power source. The output of the LISN was connected to the input of the receiver via a transient limiter, and emissions in the range 150 kHz to 30 MHz were measured. The measurements were recorded using the quasi-peak and average detectors as directed by the standard, and the resolution bandwidth during testing was 9 kHz. The raw measurements were corrected to allow for attenuation from the LISN, transient limiter and cables.

102815

Report Number: F2LQ9326-01E Page 30 of 34 Issue Date: Feb. 10, 2017

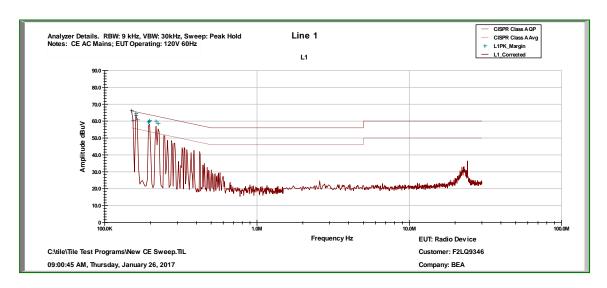


Model: Br2-900

10.3 Conducted Emissions Test Data

Test Date(s)	Jan. 26, 2017	Test Engineer:	J. Knepper
Rule:	15.207	Air Temperature:	19.1º C
Test Results:	Pass	Relative Humidity:	53%

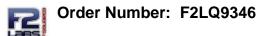
Conducted Test - Line 1: 0.15 MHz to 30.0 MHz



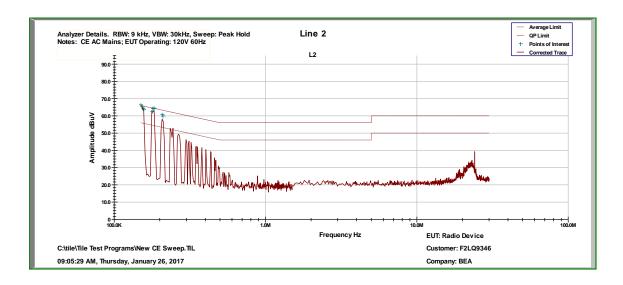
	Top Discrete Measurements										
No.	Conductor	Frequency	Detector	Level	Adjustment	Results	Limit	Margin			
140.	Conductor	(MHz)	Detector	(dBµV)	(dB)	(dBµV)	(dBµV)	(dB)			
1	Line 1	0.15	Quasi-Peak	49.220	11.782	61.002	66	-4.998			
'	Lille	0.15	Average	14.358	11.782	26.140	56	-29.860			
2	Line 1	0.153375	Quasi-Peak	48.780	11.725	60.505	65.816	-5.31			
_	Lille	0.153375	Average	10.777	11.725	22.502	55.816	-33.314			
3	Line 1	0.16	Quasi-Peak	48.710	11.614	60.324	65.464	-5.140			
3	Lille	0.16	Average	11.908	11.614	23.522	55.464	-31.942			
4	Line 1	0.160125	Quasi-Peak	48.170	11.613	59.783	65.458	-5.68			
4		0.160125	Average	8.130	11.613	19.743	55.458	-35.715			
5	Line 1	0.1635	Quasi-Peak	48.150	11.573	59.723	65.284	-5.561			
3	Line	0.1635	Average	10.788	11.573	22.361	55.284	-32.923			
6	Line 1	0.195	Quasi-Peak	43.220	11.279	54.499	63.821	-9.322			
0	Lille	0.195	Average	7.537	11.279	18.816	53.821	-35.005			
7	Line 1	0.19725	Quasi-Peak	43.090	11.247	54.337	63.726	-9.389			
'	Lille	0.19725	Average	8.153	11.247	19.400	53.726	-34.326			
8	Line 1	0.2175	Quasi-Peak	40.580	11.083	51.663	62.914	-11.251			
0	Line 1	0.2175	Average	3.855	11.083	14.938	52.914	-37.976			
9	Line 1	0.22425	Quasi-Peak	39.390	11.035	50.425	62.66	-12.235			
9	Line 1	0.22425	Average	3.267	11.035	14.302	52.66	-38.358			

102815

Report Number: F2LQ9326-01E Page 31 of 34 Issue Date: Feb. 10, 2017



Conducted Test - Line 2: 0.15 MHz to 30.0 MHz



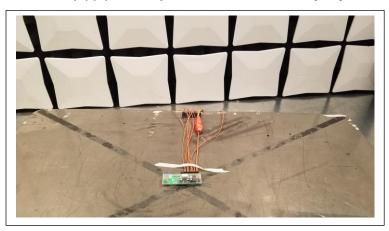
	Top Discrete Measurements									
No.	Conductor	Frequency (MHz)	Detector	Level (dBµV)	Adjustment (dB)	Results (dBµV)	Limit (dBµV)	Margin (dB)		
1	Line 2	0.15	Quasi-Peak	49.070	11.782	60.852	66	-5.148		
'	Lille 2	0.15	Average	14.847	11.782	26.629	56	-29.371		
2	Line 2	0.153375	Quasi-Peak	49.020	11.725	60.745	65.816	-5.071		
	Lille 2	0.153375	Average	14.608	11.725	26.333	55.816	-29.483		
3	Line 2	0.155	Quasi-Peak	49.060	11.698	60.758	65.728	-4.970		
3	Lille 2	0.155	Average	14.460	11.698	26.158	55.728	-29.570		
4	Line 2	0.15675	Quasi-Peak	49.060	11.669	60.729	65.636	-4.907		
-	Lille 2	0.15675	Average	15.375	11.669	27.044	55.636	-28.592		
5	Line 2	0.177	Quasi-Peak	46.720	11.420	58.140	64.626	-6.49		
3	Lille 2	0.177	Average	12.835	11.420	24.255	54.626	-30.371		
6	Line 2	0.18	Quasi-Peak	46.400	11.386	57.786	64.486	-6.700		
0	Lille 2	0.18	Average	12.245	11.386	23.631	54.486	-30.855		
7	Line 2	0.180375	Quasi-Peak	46.310	11.385	57.695	64.469	-6.774		
	Line 2	0.180375	Average	12.295	11.385	23.680	54.469	-30.789		
8	Line 2	0.18375	Quasi-Peak	45.450	11.373	56.823	64.315	-7.492		
٥	Lille 2	0.18375	Average	12.027	11.373	23.400	54.315	-30.915		
9	Line 2	0.207375	Quasi-Peak	42.000	11.155	53.155	63.311	-10.156		
9	Lille 2	0.207375	Average	7.338	11.155	18.493	53.311	-34.818		
10	Line 2	0.21	Quasi-Peak	41.740	11.137	52.877	63.205	-10.328		
	Line 2	0.21	Average	6.747	11.137	17.884	53.205	-35.321		

Report Number: F2LQ9326-01E Page 32 of 34 Issue Date: Feb. 10, 2017

Model: Br2-900

11 **PHOTOGRAPHS**

Radiated Spurious Emissions, <1 GHz, 15.231(a)(1), Occupied Bandwidth, Duty Cycle



Radiated Spurious Emissions, >1 GHz



Conducted Emissions

