

*FCC PART 15, SUBPART B and SUBPART C
TEST REPORT*

for

CALL BUTTON

MODEL: CB430

Prepared for

INDYME SOLUTIONS, INC.
8295 AERO PLACE
SAN DIEGO, CA 92123

Prepared by: _____

MATT HARRISON

Approved by: _____

JOSH HANSEN

COMPATIBLE ELECTRONICS INC.
20621 Pascal Way
LAKE FOREST, CA 92630
(949) 587-0400

DATE: APRIL 10, 2012

	REPORT BODY	APPENDICES					TOTAL
		A	B	C	D	E	
PAGES	17	2	2	2	9	18	50

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TABLE OF CONTENTS

Section / Title	PAGE
GENERAL REPORT SUMMARY	4
SUMMARY OF TEST RESULTS	5
1. PURPOSE	6
2. ADMINISTRATIVE DATA	7
2.1 Location of Testing	7
2.2 Traceability Statement	7
2.3 Cognizant Personnel	7
2.4 Date Test Sample was Received	7
2.5 Disposition of the Test Sample	7
2.6 Abbreviations and Acronyms	7
3. APPLICABLE DOCUMENTS	8
4. DESCRIPTION OF TEST CONFIGURATION	9
4.1 Description Of Test Configuration - EMI	9
4.1.1 Cable Construction and Termination	10
5. LISTS OF EUT, ACCESSORIES AND TEST EQUIPMENT	11
5.1 EUT and Accessory List	11
5.2 EMI Test Equipment	12
6. TEST SITE DESCRIPTION	13
6.1 Test Facility Description	13
6.2 EUT Mounting, Bonding and Grounding	13
7. TEST PROCEDURES	14
7.1 RF Emissions	14
7.1.1 Conducted Emissions Test	14
7.1.2 Radiated Emissions (Spurious and Harmonics) Test	15
7.1.3 Radiated Emissions (Spurious and Harmonics) Test (Continued)	16
7.1.4 Peak Radiated EMI	16
7.1.5 Bandwidth of the Fundamental	16
8. CONCLUSIONS	17

LIST OF APPENDICES

APPENDIX	TITLE
A	Laboratory Recognitions
B	Modifications to the EUT
C	Additional Models Covered Under This Report
D	Diagrams, Charts, and Photos • Test Setup Diagrams • Radiated Emissions Photos • Antenna and Effective Gain Factors
E	Data Sheets

LIST OF FIGURES

FIGURE	TITLE
1	Plot Map And Layout of 3 Meter Radiated Site
2	Plot Map And Layout of Test Site Above 1GHz

GENERAL REPORT SUMMARY

This electromagnetic emission test report is generated by Compatible Electronics Inc., which is an independent testing and consulting firm. The test report is based on testing performed by Compatible Electronics personnel according to the measurement procedures described in the test specifications given below and in the "Test Procedures" section of this report.

The measurement data and conclusions appearing herein relate only to the sample tested and this report may not be reproduced without the written permission of Compatible Electronics, unless done so in full.

This report must not be used to claim product endorsement by NVLAP, NIST or any other agency of the U.S. Government.

Device Tested: Call Button
Model: CB430

Product Description: See Expository Statement

Modifications: The EUT was not modified during testing.

Manufacturer: Indyme Solutions, Inc.
8295 Aero Place
San Diego, CA 92123

Test Date: February 23rd, 2012

Test Specifications: CFR Title 47, Part 15 Subpart B & C, Sections 15.109, 15.205, 15.209 and 15.231

Test Procedure: ANSI C63.10: 2009

Test Deviations: The test procedure was not deviated from during the testing.

SUMMARY OF TEST RESULTS

TEST	DESCRIPTION	RESULTS
1	Radiated RF Emissions, 0.01 - 30MHz	Complies with the limits of CFR Title 47, Part 15, Subparts C, sections 15.205 & 15.209
2	Radiated RF Emissions, 30 - 4000 MHz	Complies with the limits of CFR Title 47, Part 15, Subparts B & C, sections 15.109, 15.205 & 15.209
3	-20 dB Occupied Bandwidth of the Emission	Complies with the limits of CFR Title 47, Part 15, Subpart C, section 15.231 (c).
4	Peak Radiated EMI	Complies with the limits of CFR Title 47, Part 15, Subpart C, section 15.231 (b).



1. PURPOSE

This document is a qualification test report based on the Electromagnetic Interference (EMI) tests performed on the Call Button Model: CB430. The EMI measurements were performed according to the measurement procedure described in ANSI C63.10. The tests were performed in order to determine whether the electromagnetic emissions from the equipment under test, referred to as EUT hereafter, are within the specification limits defined by CFR Title 47, Part 15, Subparts B & C, sections 15.109, 15.205, 15.209 and 15.231.



2. ADMINISTRATIVE DATA

2.1 Location of Testing

The EMI tests described herein were performed at the test facility of Compatible Electronics 20621 Pascal Way, Lake Forest, California 92630.

2.2 Traceability Statement

The calibration certificates of all test equipment used during the test are on file at the location of the test. The calibration is traceable to the National Institute of Standards and Technology (NIST).

2.3 Cognizant Personnel

Indyme Solutions, Inc.

Greg King Compliance Engineer

Compatible Electronics, Inc.

Joey Madlangbayan Test Engineer
Matt Harrison Test Technician
Josh Hansen Lab Manager

2.4 Date Test Sample was Received

The test sample was received on February 23rd, 2011.

2.5 Disposition of the Test Sample

The sample remains at Compatible Electronics as of the date of this test report.

2.6 Abbreviations and Acronyms

The following abbreviations and acronyms may be used in this document.

RF	Radio Frequency
CLA	Cigar Lighter Adaptor
EMI	Electromagnetic Interference
EUT	Equipment Under Test
P/N	Part Number
S/N	Serial Number
HP	Hewlett Packard
ITE	Information Technology Equipment
CML	Corrected Meter Limit
LISN	Line Impedance Stabilization Network

3. APPLICABLE DOCUMENTS

The following documents are referenced or used in the preparation of this EMI Test Report.

SPEC	TITLE
CFR Title 47, Part 15	FCC Rules – Radio frequency devices (including digital devices)
ANSI C63.10 2009	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



4. DESCRIPTION OF TEST CONFIGURATION

4.1 Description Of Test Configuration - EMI

Setup and operation of the equipment under test.

Specifics of the EUT and Peripherals Tested

The Call Button Model: CB430 (EUT) was set up in a table top configuration. The RJ45 connector on the EUT was not terminated during testing because it is used for maintenance use only. The transmit antenna of the EUT is a wire soldered to the PCB, which is contained inside the plastic housing. The EUT was powered via 2/3A Duracell Batteries. A fresh set of batteries were installed before the tests. The EUT was explored in 3 orthogonal axes (X-axis, Y-axis and Z-axis). The X-Axis was found to be the worst case configuration.

The EUT was continuously transmitting throughout the tests.

The final data was taken in the mode described above in the X-axis configuration. Please see Appendix E for the data sheets.



4.1.1 Cable Construction and Termination

There were no interconnecting cables.



5. LISTS OF EUT, ACCESSORIES AND TEST EQUIPMENT**5.1 EUT and Accessory List**

EQUIPMENT	MANUFACTURER	MODEL NUMBER	SERIALNUMBER	FCC ID
CALL BUTTON (EUT)	INDYME SOLUTIONS, INC.	CB430	NONE	J69CB430
BATTERIES	DURACELL	NONE	N/A	N/A



5.2 EMI Test Equipment

EQUIPMENT TYPE	MANU-FACTURER	MODEL NUMBER	SERIAL NUMBER	CALIBRATION DATE	CALIBRATION DUE DATE
GENERAL TEST EQUIPMENT USED FOR ALL RF EMISSIONS TESTS					
Computer	HP	Pavilion Slimline	MXV94400D8	N/A	N/A
EMI Receiver	Rohde & Schwarz	ESIB40	100219	9/20/2011	9/20/2012
RF RADIATED EMISSIONS TEST EQUIPMENT					
CombiLog Antenna	Com-Power	AC-220	25857	6/7/2011	6/7/2012
Loop Antenna	Com-Power	AL-130	17085	1/26/2011	1/26/2013
Horn Antenna	Com-Power	AH-118	071250	10/1/2010	10/1/2012
Pre-Amplifier	Com-Power	PA-122	181923	1/5/2012	1/5/2013
Antenna Mast	Sunol Sciences Corporation	TWR 95-4	081309-3	N/A	N/A
Turntable	Sunol Sciences Corporation	FM2011VS	N/A	N/A	N/A
Mast and Turntable Controller	Sunol Sciences Corporation	SC104V	081309-1	N/A	N/A
Measurement and Automation Software	TDK	TDK TestLab Version 5.53	None	N/A	N/A

6. TEST SITE DESCRIPTION**6.1 Test Facility Description**

Please refer to section 2.1 and 7.1 of this report for EMI test location.

6.2 EUT Mounting, Bonding and Grounding

The EUT was mounted on a 1.0 by 1.5 meter non-conductive table 0.8 meters above the ground plane.

The EUT was placed in the center of the table, in accordance with ANSI C63.10: 2009. The test site receive antenna distance was measured from the closest periphery of the EUT setup.

The EUT was not grounded.



7. TEST PROCEDURES

The following sections describe the test methods and the specifications for the tests. Test results are also included in this section.

7.1 RF Emissions

7.1.1 Conducted Emissions Test

(This test was not performed.)

Test Results:

The EUT is battery powered; therefore this test was not performed.



7.1.2 Radiated Emissions (Spurious and Harmonics) Test

The receiver was used as a measuring meter. The receiver was used in the peak detect mode with the "Max Hold" feature activated. In this mode, the receiver records the highest measured reading over all the sweeps.

The spurious emission frequencies above 1 GHz were investigated with the built-in average detector.

The harmonic emissions frequencies were investigated with the duty cycle correction factor.

The measurement bandwidths and transducers used for the radiated emissions (Spurious) tests were:

FREQUENCY RANGE	EFFECTIVE MEASUREMENT BANDWIDTH	TRANSDUCER
9 kHz to 150 kHz	200 Hz	Active Loop Antenna
150 kHz to 30 MHz	9 kHz	Active Loop Antenna
30 MHz to 1 GHz	120 kHz	CombiLog Antenna
1 GHz to 4 GHz	1 MHz	Horn Antenna

The Semi-Anechoic test site of Compatible Electronics, Inc, Lab R (Lake Forest) was used for all tests. This test sites are set up according to ANSI C63.10. Please see section 6.2 of this report for mounting, bonding and grounding of the EUT. The turntable supporting the EUT is remote controlled using a motor. The turntable permits EUT rotation of 360 degrees in order to maximize emissions. Also, the antenna mast allows height variation of the antenna from 1 meter to 4 meters. Final data was collected in the worst case configuration of the EUT. At each reading, the EUT was rotated 360 degrees and the antenna height was varied from 1 to 4 meters (for E field radiated field strength). The loop antenna was also rotated in the horizontal and vertical axis in order to ensure accurate results.

7.1.3 Radiated Emissions (Spurious and Harmonics) Test (Continued)

The EUT was continuously transmitting during the test. The EUT was tested at a 3-meter test distance to obtain the final test data. The final qualification data sheets are located in Appendix E.

Test Results:

The EUT complies with the **Class B** limits of CFR Title 47, Part 15, Subpart B, section 15.109; and CFR Title 47, Part 15, Subpart C, sections 15.205, 15.209 and 15.231. There were no emissions found below 30MHz.

7.1.4 Peak Radiated EMI

The EUT was tested at a 3-meter test distance to obtain the final test data. The final qualification data sheets are located in Appendix E. This data also shows compliance at the band edges.

Duty Cycle Correction Factor = -14.74dB

$$\delta(\text{dB}) = 20 \log \left[\sum (nt_1 + mt_2 + \dots + \xi t_x) / T \right]$$

where

n is the number of pulses of duration t_1

m is the number of pulses of duration t_2

ξ is the number of pulses of duration t_x

T is the period of the pulse train or 100 ms if the pulse train length is greater than 100 ms

$$1.02\text{ms} \times 18 = 18.32$$

$$100\text{ms} / 18.32 = .1832$$

$$20 \log (.1832) = -14.74 \text{ dB correction factor}$$

Test Results:

The EUT complies with Part 15, Subpart C, section 15.231.

7.1.5 Bandwidth of the Fundamental

The -20 dB bandwidth was checked using the EMI Receiver to see that the emissions were wholly within the 0.25% of the operating frequency centered on the fundamental frequency. The RBW was set to 10 kHz and the VBW was set to 30 kHz. A Plot of the -20 dB bandwidth is located in Appendix E.

Test Results:

The EUT complies with the requirements of CFR Title 47, Part 15, Subpart C, section 15.231 (c) for the -20 dB bandwidth of the fundamental. The EUT has a -20 dB bandwidth that lies wholly within the 0.25% of the operating frequency centered on the fundamental frequency.

8. CONCLUSIONS

The Call Button Model: CB430 meets all of the specification limits defined in CFR Title 47, Part 15, Subpart B, section 15.109 for the digital portion; and the limits defined in Subpart C, sections 15.205, 15.209, and 15.231 for the transmitter portion.



APPENDIX A

LABORATORY RECOGNITIONS

Brea Division
114 Olinda Drive
Brea, CA 92823
(714) 579-0500

Agoura Division
2337 Troutdale Drive
Agoura, CA 91301
(818) 597-0600

Silverado Division
19121 El Toro Road
Silverado, CA 92676
(949) 589-0700

Lake Forest Division
20621 Pascal Way
Lake Forest, CA 92630
(949) 587-0400

LABORATORY RECOGNITIONS

Compatible Electronics has the following agency accreditations:

National Voluntary Laboratory Accreditation Program - Lab Code: 200527-0

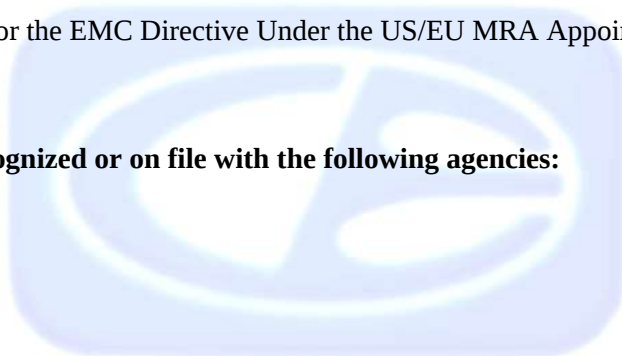
Voluntary Control Council for Interference - Registration Numbers: R-2848, C-3142, T-1450

Bureau of Standards and Metrology Inspection - Reference Number: SL2-IN-E-1031

Conformity Assessment Body for the EMC Directive Under the US/EU MRA Appointed by NIST

Compatible Electronics is recognized or on file with the following agencies:

Industry Canada
Site Number: 2154C-1



APPENDIX B

MODIFICATIONS TO THE EUT

MODIFICATIONS TO THE EUT

The modifications listed below were made to the EUT to pass FCC 15.231 or FCC Class B specifications.

No modifications were made to the EUT.



APPENDIX C

***ADDITIONAL MODELS COVERED
UNDER THIS REPORT***

ADDITIONAL MODELS COVERED UNDER THIS REPORT

USED FOR THE PRIMARY TEST

Call Button
Model: CB430
S/N: None

Additional Model Numbers:

NO ADDITIONAL MODELS TESTED



APPENDIX D

DIAGRAMS, CHARTS, AND PHOTOS

COM-POWER AL-130**LOOP ANTENNA****S/N: 17085****CALIBRATION DUE: JANUARY 26, 2013**

FREQUENCY (MHz)	MAGNETIC (dB/m)	ELECTRIC (dB/m)	FREQUENCY (MHz)	MAGNETIC (dB/m)	ELECTRIC (dB/m)
0.009	-41.14	10.36	0.8	-40.91	10.59
0.01	-40.98	10.52	0.9	-40.8	10.70
0.02	-40.87	10.63	1	-40.81	10.69
0.03	-40.13	11.37	2	-40.51	10.99
0.04	-40.42	11.08	3	-40.54	10.96
0.05	-41.06	10.44	4	-40.44	11.06
0.06	-41.07	10.43	5	-40.32	11.18
0.07	-41.12	10.38	6	-40.69	10.81
0.08	-41.03	10.47	7	-40.37	11.13
0.09	-41.04	10.46	8	-39.99	11.51
0.1	-41.26	10.24	9	-40.00	11.50
0.2	-41.23	10.27	10	-40.08	11.42
0.3	-41.26	10.24	15	-42.36	9.14
0.4	-41.14	10.36	20	-38.75	12.75
0.5	-41.24	10.26	25	-40.70	10.80
0.6	-41.22	10.28	30	-41.09	10.41
0.7	-41.12	10.38			

COM-POWER AC-220**LAB R - COMBILOG ANTENNA**

S/N: 25857

CALIBRATION DUE: JUNE 07, 2012

FREQUENCY (MHz)	FACTOR (dB)	FREQUENCY (MHz)	FACTOR (dB)
30	17.2	180	8.5
35	17.6	200	9.0
40	18.3	250	11.7
45	17.1	300	14.2
50	16.1	300	13.4
60	13.1	400	15.0
70	8.6	500	16.0
80	5.5	600	17.9
90	7.2	700	20.2
100	8.2	800	21.1
120	9.4	900	20.5
140	8.6	1000	22.6
160	8.4		

COM-POWER AH-118**LAB R - HORN ANTENNA****S/N: 071250****CALIBRATION DUE: OCTOBER 01, 2012**

FREQUENCY (MHz)	FACTOR (dB)	FREQUENCY (MHz)	FACTOR (dB)
1000	24.0	10000	40.4
1500	23.9	10500	41.7
2000	27.9	11000	38.9
2500	29.6	11500	40.3
3000	30.7	12000	38.1
3500	30.3	12500	42.8
4000	28.6	13000	38.8
4500	30.7	13500	36.9
5000	33.0	14000	43.7
5500	32.9	14500	42.0
6000	34.1	15000	42.0
6500	37.2	15500	37.9
7000	37.9	16000	38.5
7500	38.3	16500	38.2
8000	38.5	17000	39.2
8500	36.9	17500	42.8
9000	40.2	18000	43.2
9500	35.9		

COM-POWER PA-122**1-18GHz - PREAMPLIFIER****S/N: 181923****CALIBRATION DUE: JANUARY 05, 2013**

FREQUENCY (MHz)	FACTOR (dB)	FREQUENCY (MHz)	FACTOR (dB)
1000	34.7	10000	33.2
1500	33.9	10500	32.7
2000	33.3	11000	31.3
2500	33.4	11500	31.9
3000	33.1	12000	32.6
3500	33.2	12500	34.0
4000	33.0	13000	33.2
4500	32.3	13500	33.0
5000	32.1	14000	33.5
5500	31.9	14500	34.5
6000	31.7	15000	33.9
6500	31.8	15500	33.4
7000	34.0	16000	35.2
7500	33.3	16500	35.7
8000	31.7	17000	34.7
8500	32.3	17500	34.4
9000	33.0	18000	33.5
9500	33.9		



VIEW 1

INDYME SOLUTIONS, INC.
CALL BUTTON
MODEL: CB430
FCC SUBPART B AND C – RADIATED SPURIOUS EMISSIONS

**PHOTOGRAPH SHOWING THE EUT CONFIGURATION
FOR MAXIMUM EMISSIONS**



VIEW 2

INDYME SOLUTIONS, INC.
CALL BUTTON
MODEL: CB430
FCC SUBPART B AND C – RADIATED SPURIOUS EMISSIONS

**PHOTOGRAPH SHOWING THE EUT CONFIGURATION
FOR MAXIMUM EMISSIONS**

APPENDIX E

DATA SHEETS

***FUNDIMENTAL & HARMOINIC
EMISSIONS
DATA SHEETS***

Title: FCC 15.231
File: CB430 Peak Transmit EMI
Operator: Matt Harrison
EUT Type: CB430
EUT Condition: Continuously Transmitting
Comments: Worst Case Orientation: X
Temp: 66f
Hum: 47%
The Peak to Average Duty Cycle Correction = -14.74

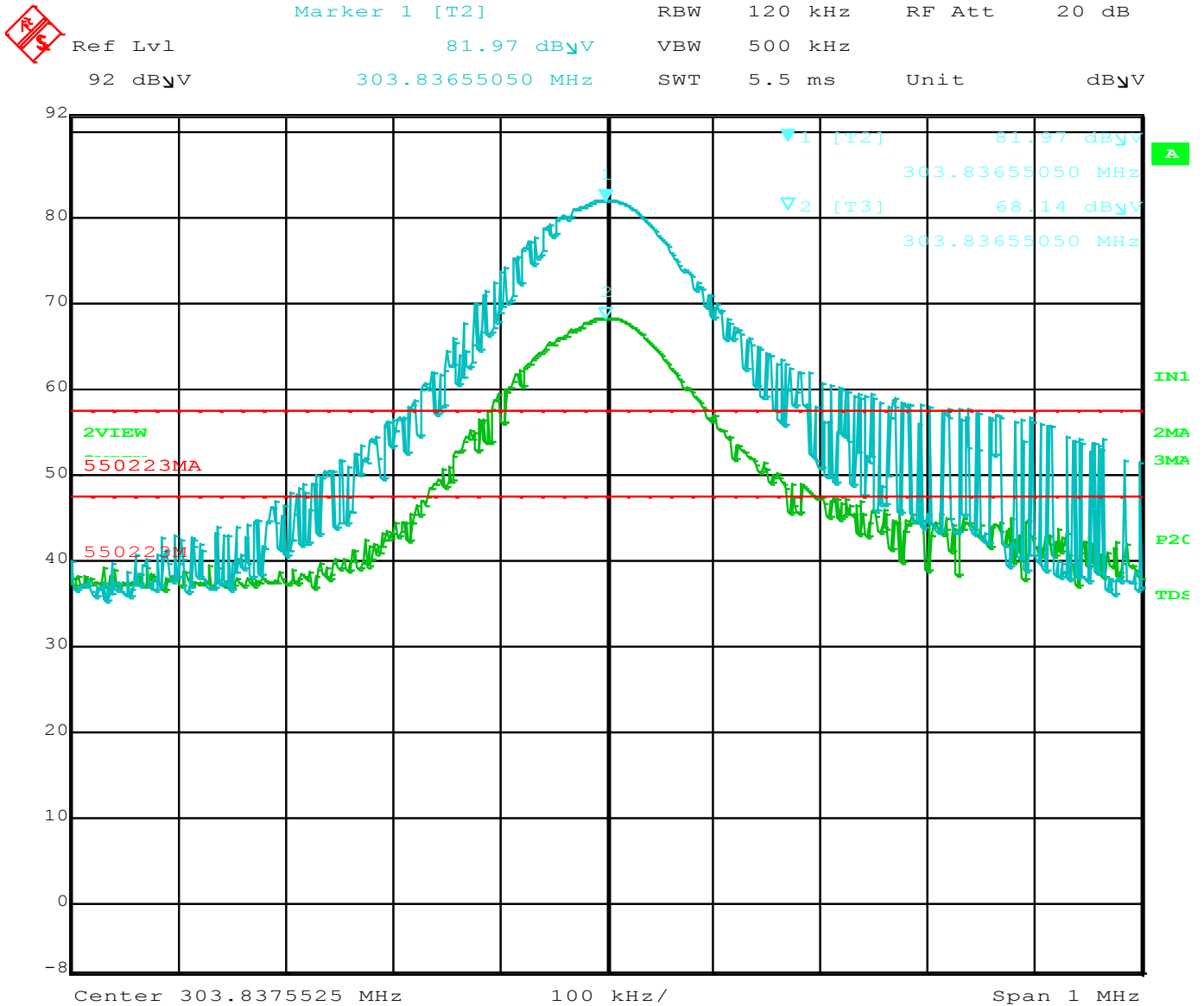
2/23/2012 8:20:05 AM

Compatible Electronics, Inc. FAC- 3 (LAB R)

Freq (MHz)	Peak EMI (dB μ V/m)	Duty Cycle AVG (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)
303.8 (H)	81.97	67.23	74.93	-7.69
303.8 (V)	68.14	53.40	74.93	-21.52



Peak Transmit Power



Title: Indyme CB430
Comment A: X Axis Field Strength
Date: 23.FEB.2012 08:20:05

Harmonic Emissions

FCC 15.231

Indyme

Periodic Operation Device

Model: CB430

The Peak to Average Duty Cycle Correction = -14.74

Date: 02/23/12

Lab: R

Tested By: Matt Harrison

Freq. (MHz)	Level (dBuV)	Pol (V/H)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
607.6	29.94	V	74.93	-44.99	Peak	1	360	
607.6	15.20	V	54.93	-39.73	Avg	1	360	
911.4		V	74.93	--	Peak			No Emissions Found
911.4		V	54.93	--	Avg			No Emissions Found
1215.2		V	73.98	--	Peak			Restricted Band
1215.2		V	53.98	--	Avg			No Emissions Found
1519		V	73.98	--	Peak			Restricted Band
1519		V	53.98	--	Avg			No Emissions Found
1822.8		V	74.93	--	Peak			No Emissions Found
1822.8		V	54.93	--	Avg			No Emissions Found
2126.6		V	74.93	--	Peak			No Emissions Found
2126.6		V	54.93	--	Avg			No Emissions Found
2430.4		V	74.93	--	Peak			No Emissions Found
2430.4		V	54.93	--	Avg			No Emissions Found
2734.2		V	73.98	--	Peak			Restricted Band
2734.2		V	53.98	--	Avg			No Emissions Found
3038.17		V	74.93	--	Peak			No Emissions Found
3038.17		V	54.93	--	Avg			No Emissions Found

Test distance

3 meter

Harmonic Emissions

FCC 15.231

Indyme

Periodic Operation Device

Model: CB430

The Peak to Average Duty Cycle Correction = -14.74

Date: 02/23/12

Lab: R

Tested By: Matt Harrison

Freq. (MHz)	Level (dBuV)	Pol (V/H)	Limit	Margin	Peak / QP / Avg	Ant. Height (m)	Table Angle (deg)	Comments
607.6		H	74.93	--	Peak			No Emissions Found
607.6		H	54.93	--	Avg			No Emissions Found
911.4	32.32	H	74.93	-42.61	Peak	1	30	
911.4	17.58	H	54.93	-37.35	Avg	1	30	
1215.2		H	73.98	--	Peak			Restricted Band
1215.2		H	53.98	--	Avg			No Emissions Found
1519		H	73.98	--	Peak			Restricted Band
1519		H	53.98	--	Avg			No Emissions Found
1822.8		H	74.93	--	Peak			No Emissions Found
1822.8		H	54.93	--	Avg			No Emissions Found
2126.6		H	74.93	--	Peak			No Emissions Found
2126.6		H	54.93	--	Avg			No Emissions Found
2430.4		H	74.93	--	Peak			No Emissions Found
2430.4		H	54.93	--	Avg			No Emissions Found
2734.2		H	73.98	--	Peak			Restricted Band
2734.2		H	53.98	--	Avg			No Emissions Found
3038.17		H	74.93	--	Peak			No Emissions Found
3038.17		H	54.93	--	Avg			No Emissions Found

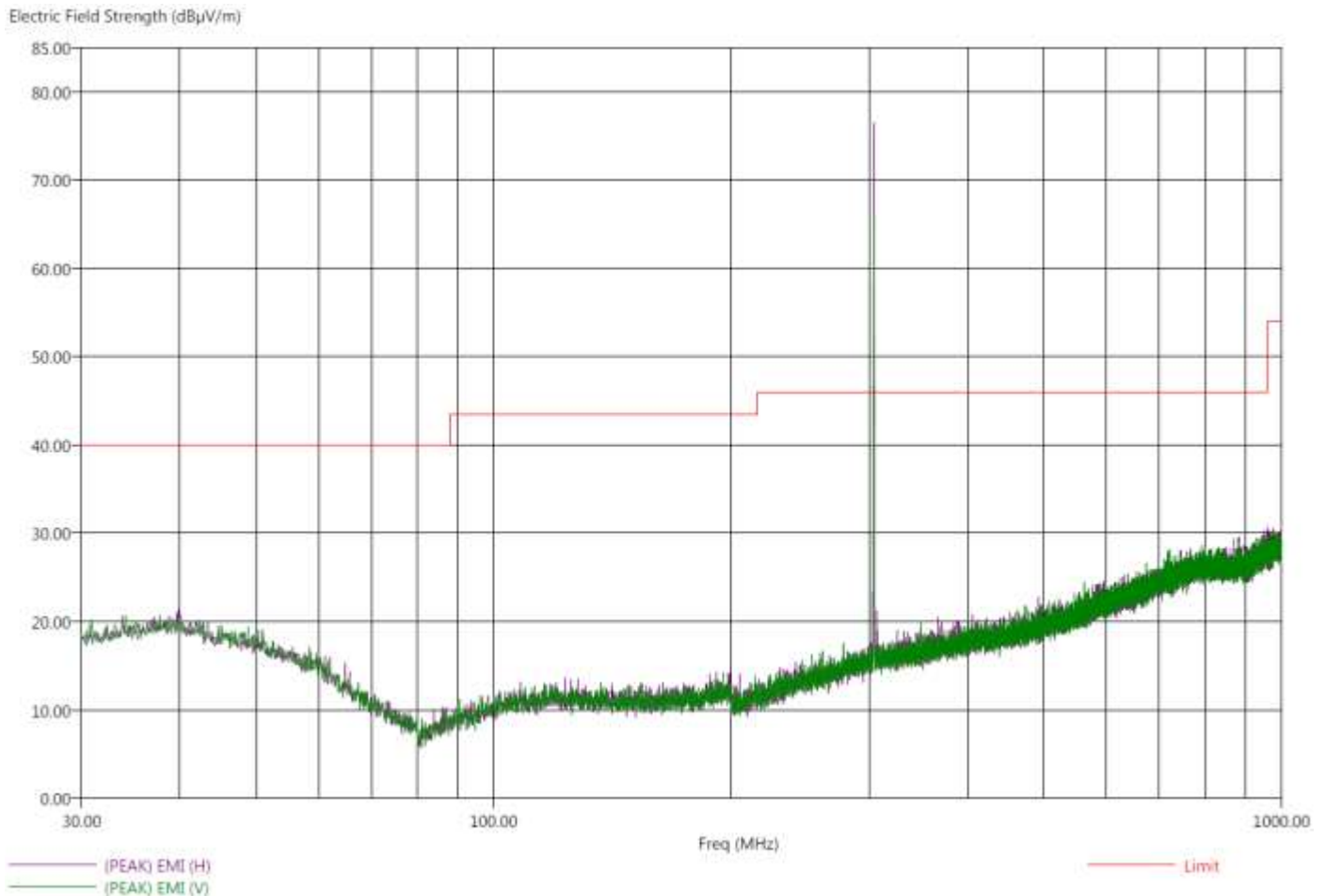
Test distance

3 meter

SPURIOUS EMISSIONS
DATA SHEETS

Title: FCC 15.209
File: Radiated Pre-Scan 30-1000Mhz.set
Operator: Matt Harrison
EUT Type: Call Button CB430
EUT Condition: Stand Alone, Transmitting at 303.84 MHz
Comments: Temp: 70f
Hum: 51%
Battery Powered

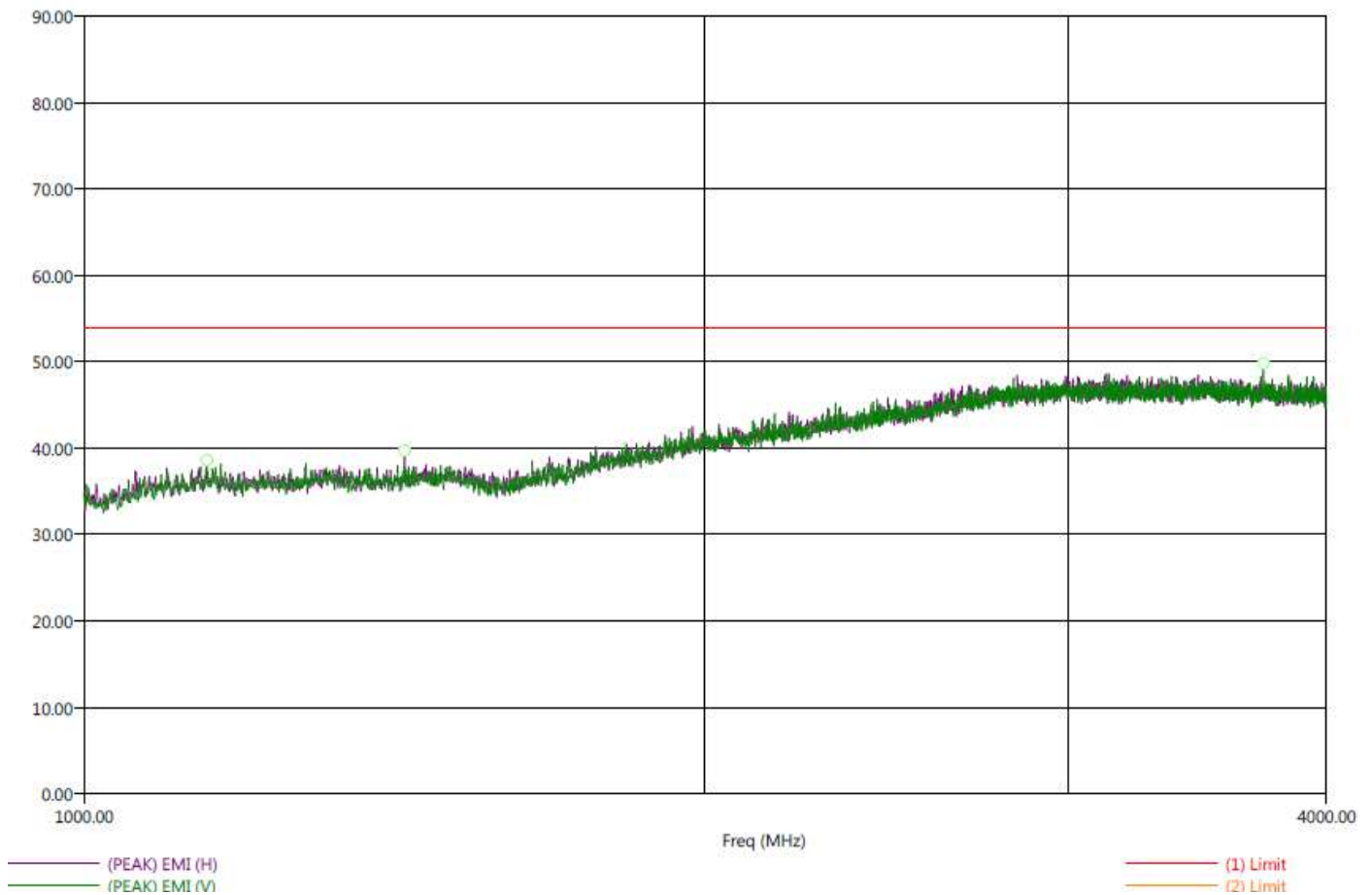
2/23/2012 10:24:51 AM
Sequence: Preliminary Scan

Compatible Electronics, Inc. FAC-3 (Lab R)

No Emissions Found Between 9kHz to 303MHz

Title: FCC 15.209
File: Radiated Pre-scan 1-4GHz.set
Operator: Matt Harrison
EUT Type: Call Button CB430
EUT Condition: Stand Alone, Transmitting at 303.84 MHz
Comments: Temp: 70f
Hum: 51%
Battery Powered

2/23/2012 1:12:45 PM
Sequence: Preliminary Scan

Compatible Electronics, Inc. FAC-3 (Lab R)Electric Field Strength (dB μ V/m)

Title: FCC 15.209
File: Radiated Final 1-4GHz.set
Operator: Matt Harrison
EUT Type: Call Button CB430
EUT Condition: Stand Alone, Transmitting at 303.84 MHz
Comments: Temp: 70f
Hum: 51%
Battery Powered

2/23/2012 2:35:55 PM
Sequence: Final Measurements

Compatible Electronics, Inc. FAC-3 (Lab R)

Freq(MHz)	(AVG) Margin(dB)	(AVG) EMI(dBµV/m)	(PEAK) EMI(dBµV/m)	Limit(dBµV/m)	Pol	Ttbl Agl(deg)	Twr Ht(cm)	Transducer(dB)	Cable(dB)	Preamp(dB)
1147.36	-59.14	25.93	38.37	53.98	V	60.50	283.94	23.97	5.31	34.43
1429.52	-58.18	26.20	39.33	53.98	H	118.75	244.53	23.91	5.88	33.99
3726.32	-47.78	36.26	49.21	53.98	V	154.50	126.86	29.50	9.80	33.11

No Emissions Found Above 3726.32 MHz



-20 dB BANDWIDTH

DATA SHEETS

Title: FCC 15.231
File: CB430 -20dB occupied Bandwidth
Operator: Matt Harrison
EUT Type: CB430
EUT Condition: Continuously Transmitting
Comments:
Temp: 66f
Hum: 47%

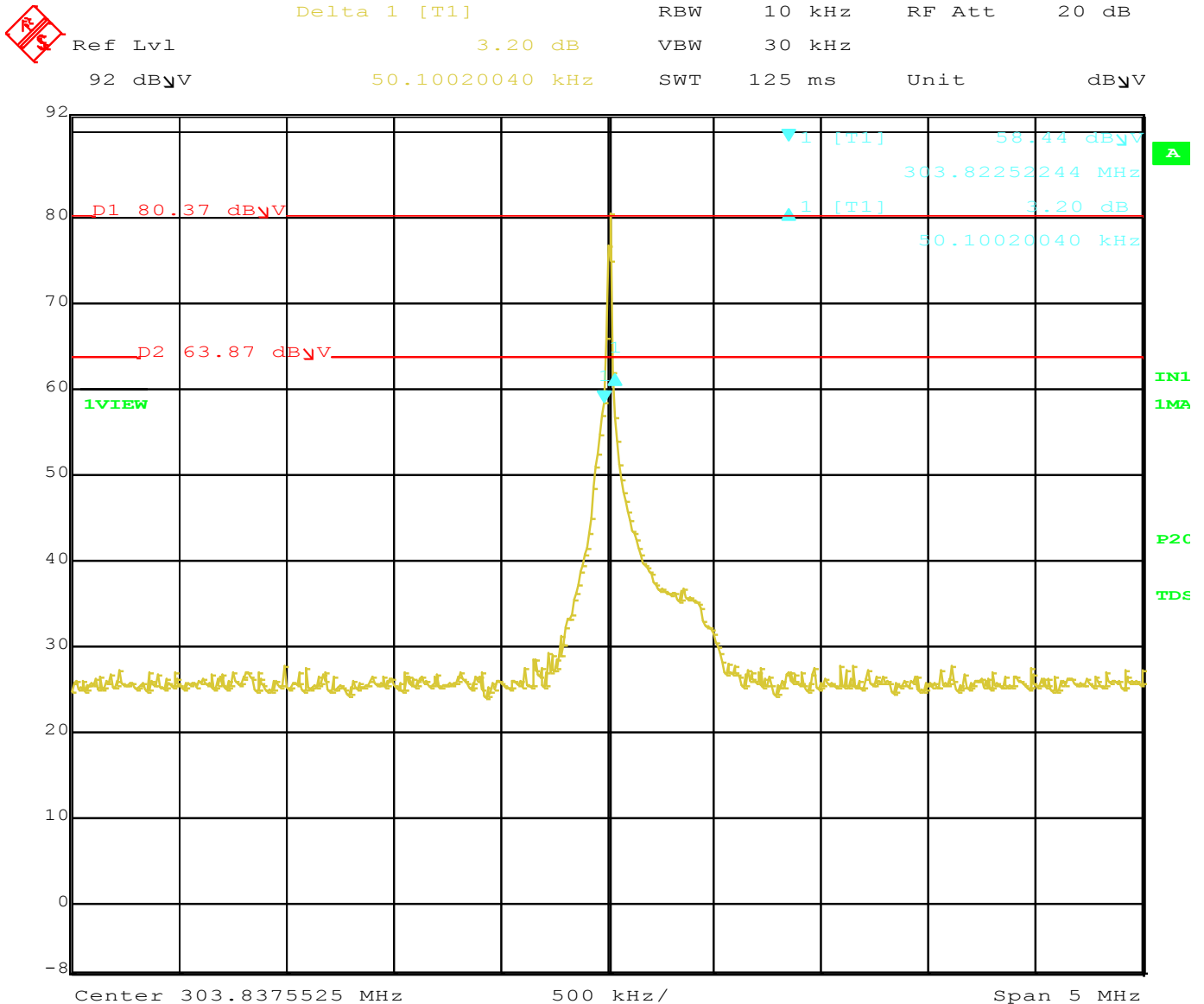
2/23/2012 9:06:45 AM

Compatible Electronics, Inc. FAC- 3 (LAB R)

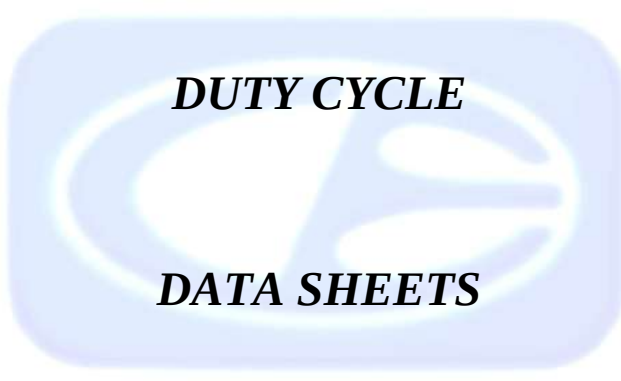
Freq (MHz)	BW (kHz)	Limit (kHz)	Margin (kHz)
303.8	50.10	759.53	-709.43



-20 dB Occupied Bandwidth Plot



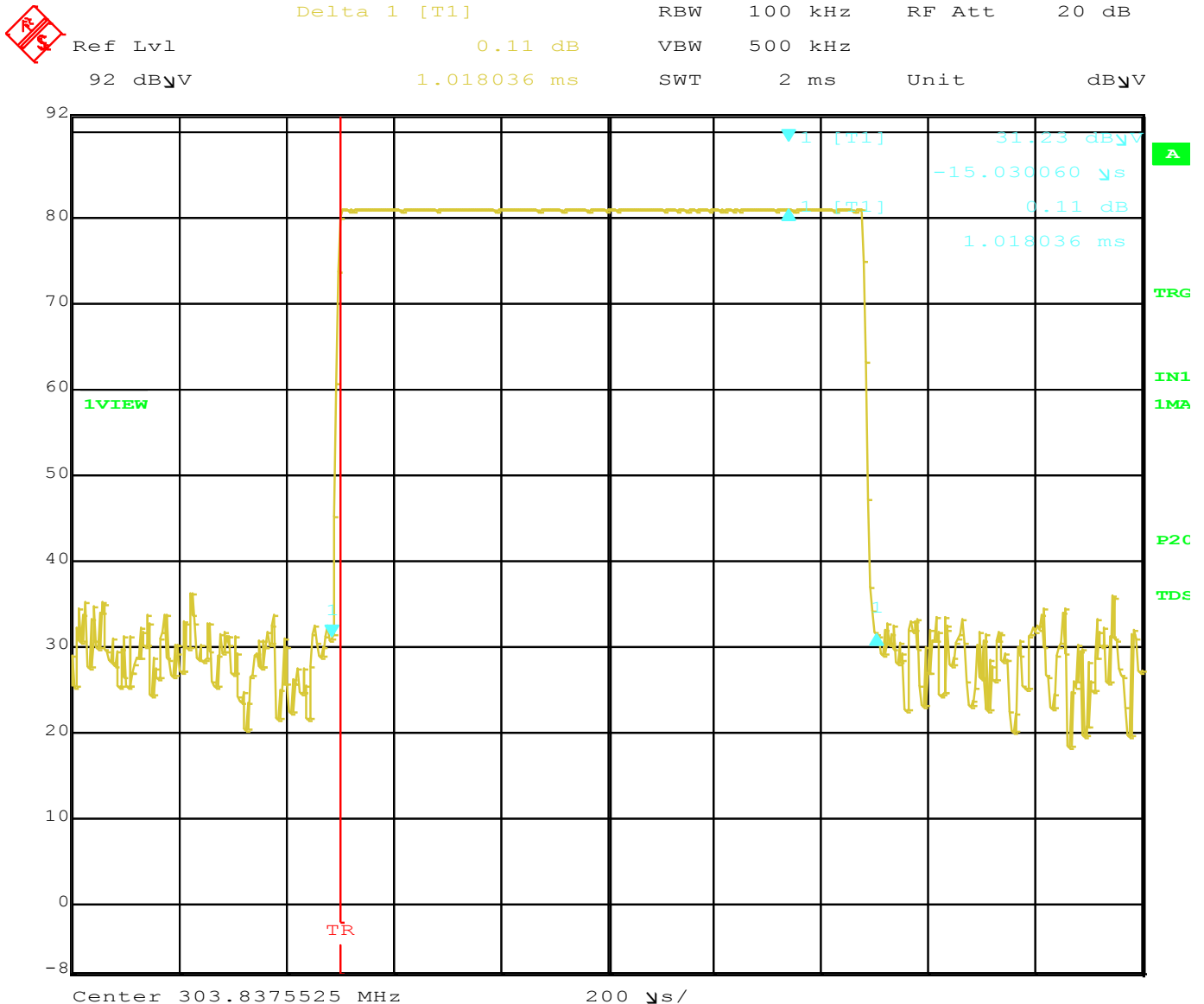
Title: Indyme CB430
Comment A: 20dB Bandwidth
Date: 23.FEB.2012 09:06:45



DUTY CYCLE

DATA SHEETS

Pulse Duration Time



Title: Indyme CB430
Comment A: Time Of Occupancy
Date: 23.FEB.2012 08:48:55

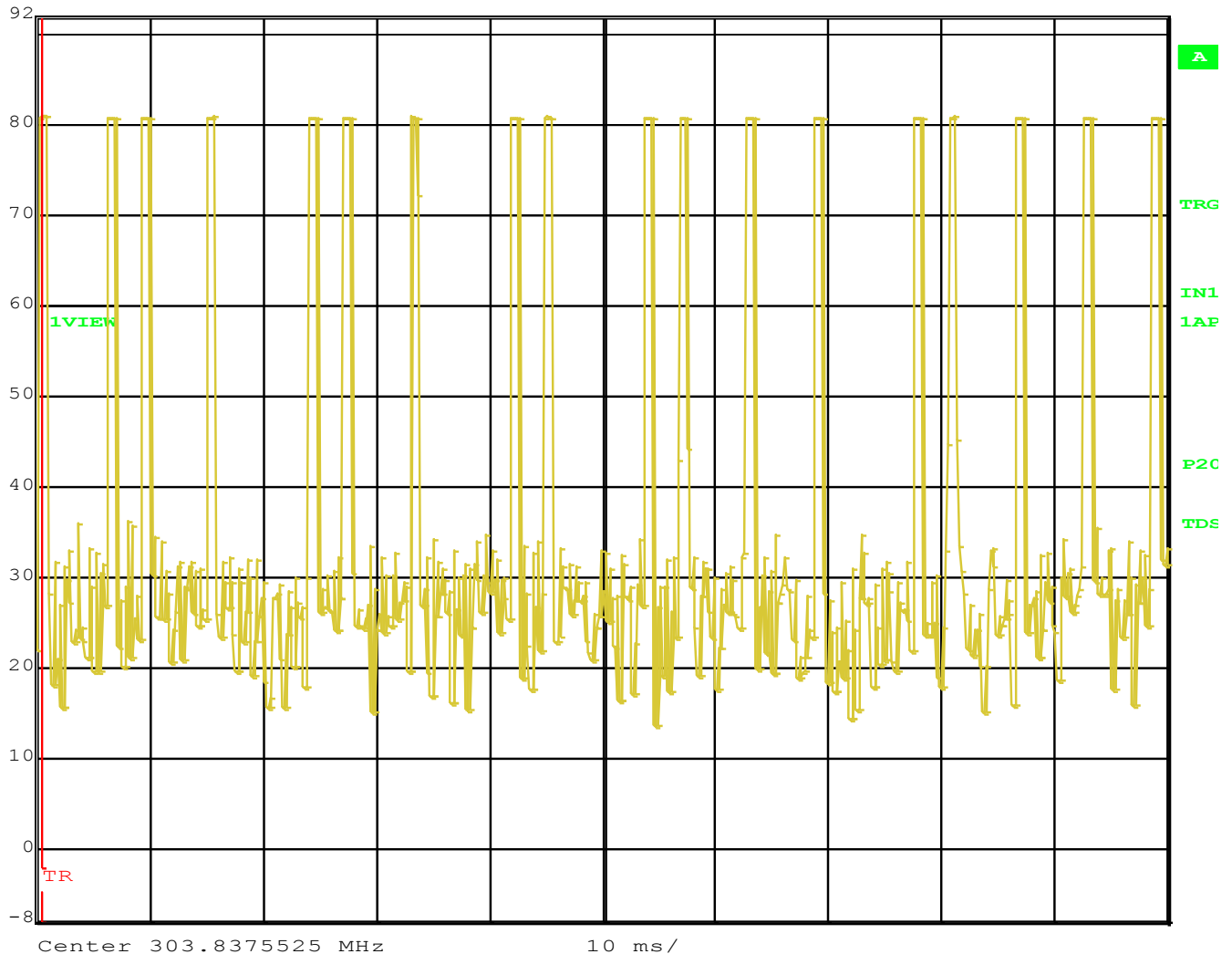
Time of Pulse = 1.018036 mS

Number of Pulses



Ref Lvl
92 dBμV

RBW 100 kHz RF Att 20 dB
VBW 500 kHz
SWT 100 ms Unit dBμV



Title: Indyme CB430
Comment A: Duty Cycle
Date: 23.FEB.2012 08:52:43

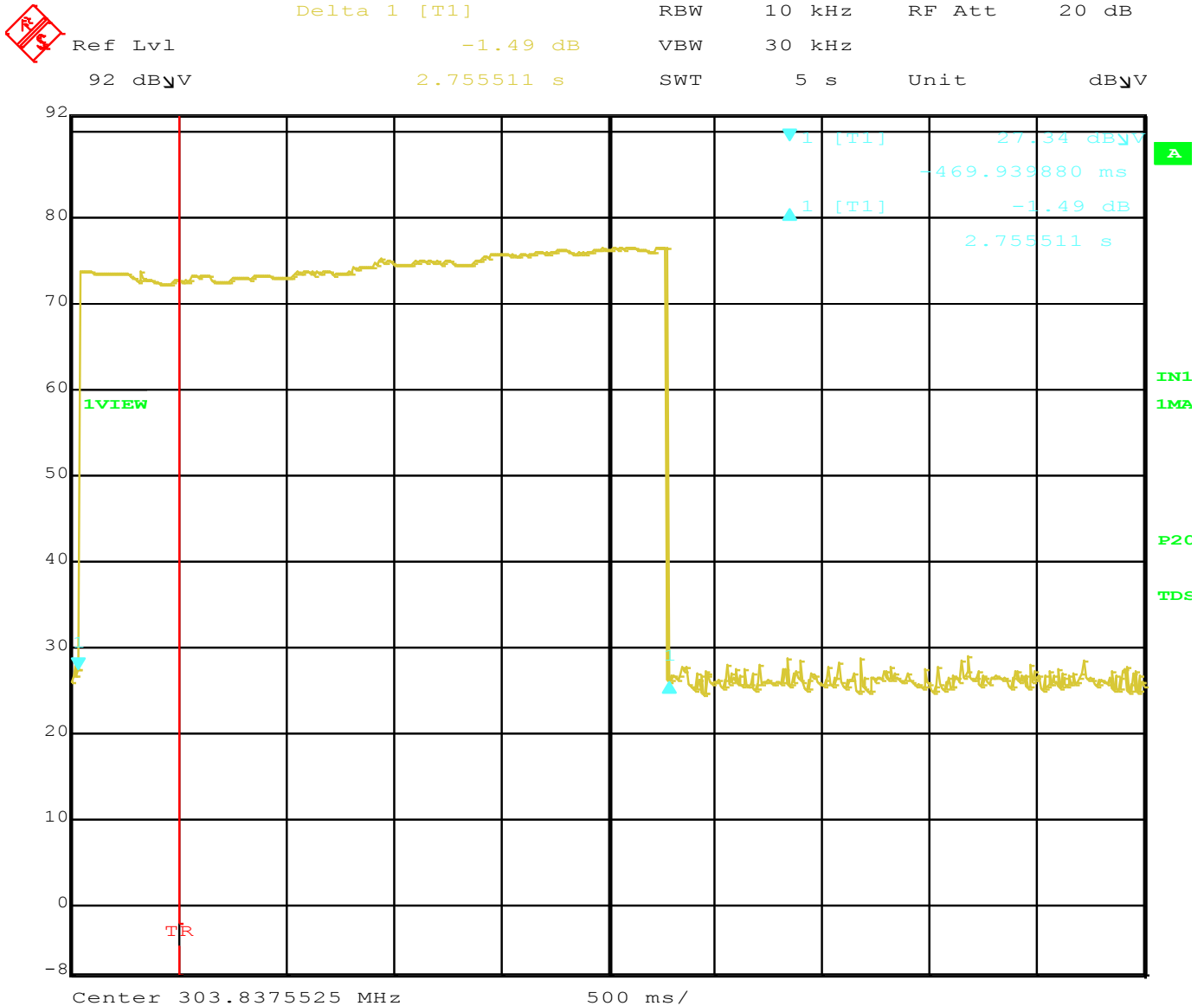
Number of Pulses in Worst Case 100 mS = 18
Duty Cycle = $1.018036 \text{ mS} \times 18 = 18.324648 \text{ mS} = 18.32\%$
The Peak to Average Duty Cycle Correction = -14.74



TRANSMIT TIME

DATA SHEETS

Transmit Time



Title: Indyme CB430
Comment A: Duration Time
Date: 23.FEB.2012 09:26:58

Transmit Time = 2.755511 S