RADIO REPORT

FCC 47 CFR Part 15C
ISED Canada RSS-247

Frequency hopping systems operating within the 2400 – 2483.5 MHz band

Report Reference No	G0M-1709-6878-TFC247BT_BT2-V02
Testing Laboratory	Eurofins Product Service GmbH
Address	Storkower Str. 38c 15526 Reichenwalde Germany
Accreditation	A2LA Accredited Testing Laboratory, Certificate No.: 1983.01 FCC Test Firm Designation Number: DE0008 IC Testing Laboratory site: 3470A-2
Applicant	peiker CEE GmbH
Address	Gartenstraße 25 61352 Bad Homburg GERMANY
Test Specification	According to FCC/ISED rules
Standard	47 CFR Part 15C RSS-247, Issue 2, 2017-02
Non-Standard Test Method	None
Test Scope	Full compliance test
Equipment under Test (EUT):	
Product Description	CEECOACH
Model(s)	CC2
Additional Model(s)	None
Brand Name(s)	CEECOACH
Hardware Version(s)	2.0
Software Version(s)	2.0
FCC-ID	2ANUYCC2
IC	23265-CEECOACH
Test Result	**PASSED**

Possible test case verdicts:		
required by standard but not tested	N/T	
not required by standard	N/R	
test object does meet the requirement	P(PASS)	
test object does not meet the requirement	F(FAIL)	
Testing:		
Test Lab Temperature	20 - 23 °C	
Test Lab Humidity	32 – 38 %	
Date of receipt of test item	2017-09-29	
Report:		
Compiled by	Burkhard Pudell	
Tested by (+ signature) (Responsible for Test)	Burkhard Pudell	B. Pudell .....
Approved by (+ signature) (Deputy Head of Lab)	Toralf Jahn	.....
Date of Issue	2021-06-14	
Total number of pages	219	
General Remarks:		
The test results presented in this report relate only to the object tested. **The results contained in this report reflect the results for this particular model and serial number. It is the responsibility of the manufacturer to ensure that all production models meet the intent of the requirements detailed within this report.** This report shall not be reproduced, except in full, without the written approval of the Issuing testing laboratory.		
Additional Comments:		
The customer declares an additional identical model with model name CC21 (Product Type Description: CEECOACH; Brand Name: CEECOACH; Hardware Version: 2.0; Software Version: 2.0; PMN: CEECOACH2; HVIN: CC21). This additional model has not been tested.		

VERSION HISTORY

Version History			
Version	Issue Date	Remarks	Revised By
01	2017-11-28	Initial Release	
02	2021-06-14	Replaced document: G0M-1709-6878-TFC247BT_BT2-V01 Replaced by: G0M-1709-6878-TFC247BT_BT2-V02 Reason: Applicant's name corrected.	B. Pudell

ABBREVIATIONS AND ACRONYMS

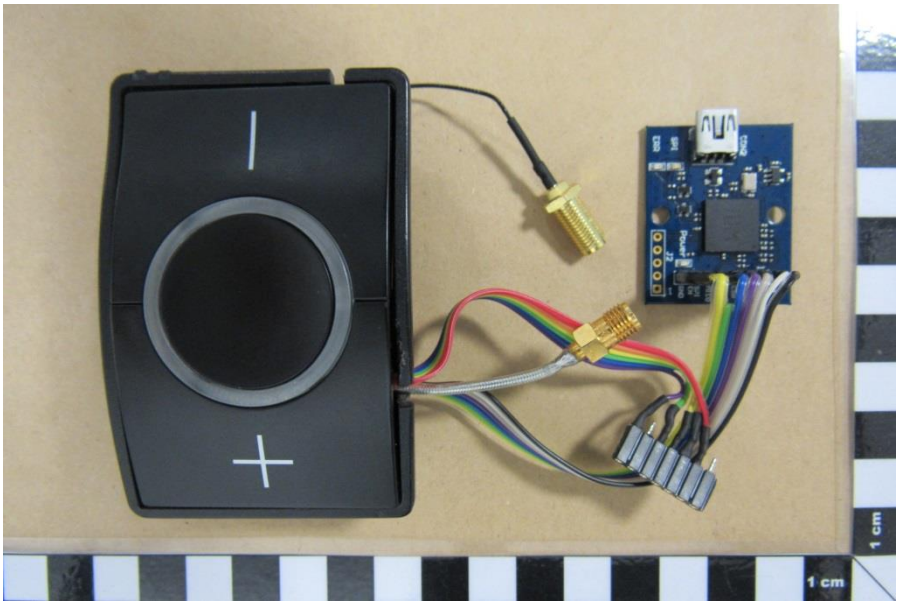
Acronyms	
Acronym	Description
BR	Bluetooth Basic Rate mode
EDR	Bluetooth Enhanced Data Rate mode
EUT	Equipment Under Test
FCC	Federal Communications Commission
ISED	Innovation, Science and Economic Development Canada
RBW	Resolution bandwidth
RMS	Root mean square
VBW	Video bandwidth
V_{NOM}	Nominal supply voltage

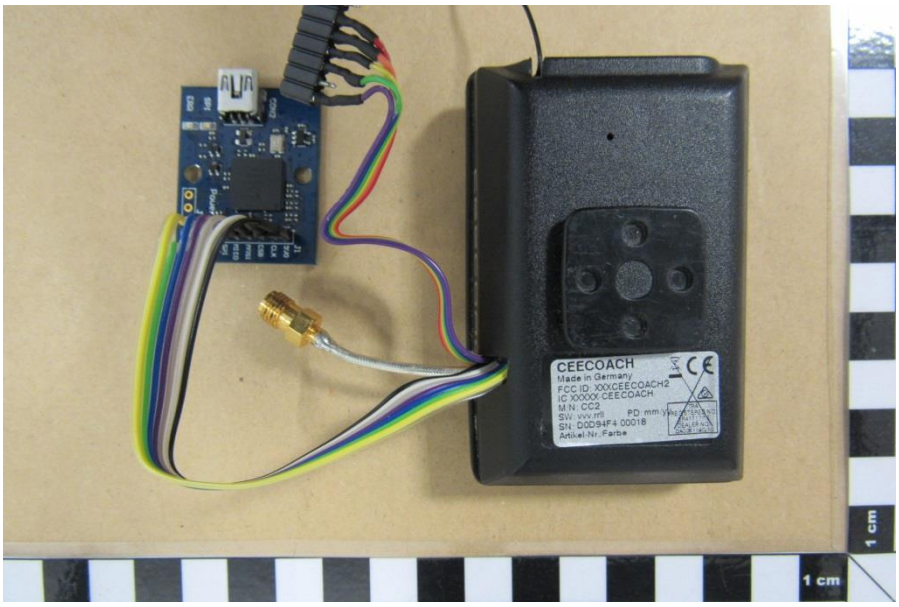
REPORT INDEX

1 Equipment (Test Item) Under Test

Description	CEECOACH	
Model	CC2	
Additional Model(s)	None	
Brand Name(s)	CEECOACH	
Serial Number(s)	Not specified	
Hardware Version(s)	2.0	
Software Version(s)	2.0	
PMN	CEECOACH2	
HVIN	CC2	
FVIN	None	
HMN	None	
FCC-ID	2ANUYCC2	
IC	23265-CEECOACH	
Equipment type	End Product	
Radio type	Transceiver	
Assigned frequency bands	2400 - 2483.5 MHz	
Radio technology	Bluetooth	
Modulation	GFSK, PI/4-DQPSK, 8-DPSK	
Number of antenna ports	1	
Antenna	Type	Integrated antenna
	Model	PCB
	Manufacturer	Not specified
	Gain	2 dBi
Supply Voltage	V_{NOM}	5.0 VDC
Operating Temperature	T_{NOM}	20 °C
AC/DC-Adaptor	Model	KSA01A5210100D5
	Vendor	KUANTECH
	Input	100.0 VAC – 240.0 VAC
	Output	5.0 VDC
Manufacturer	peiker CEE GmbH Gartenstraße 25 61352 Bad Homburg GERMANY	

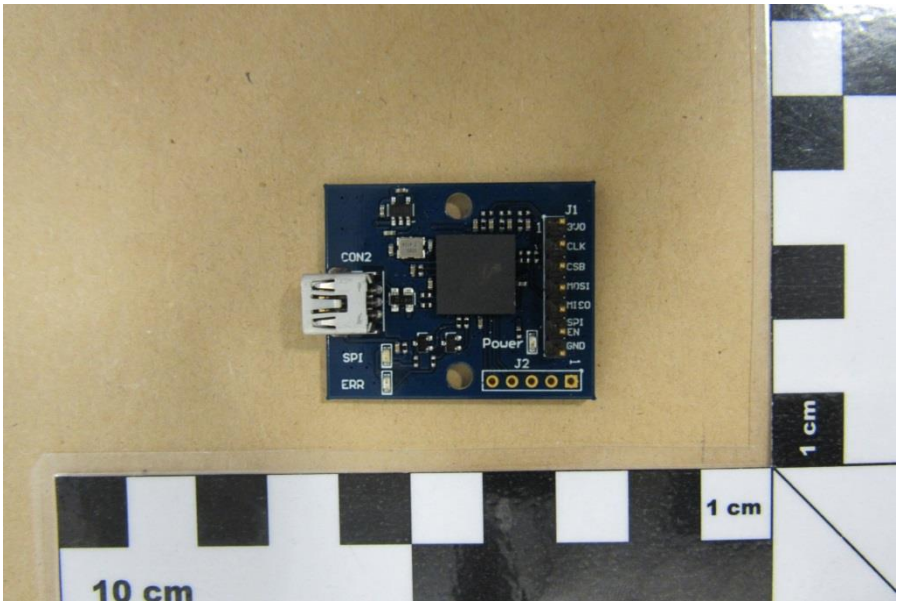
1.1 Photos – Equipment External

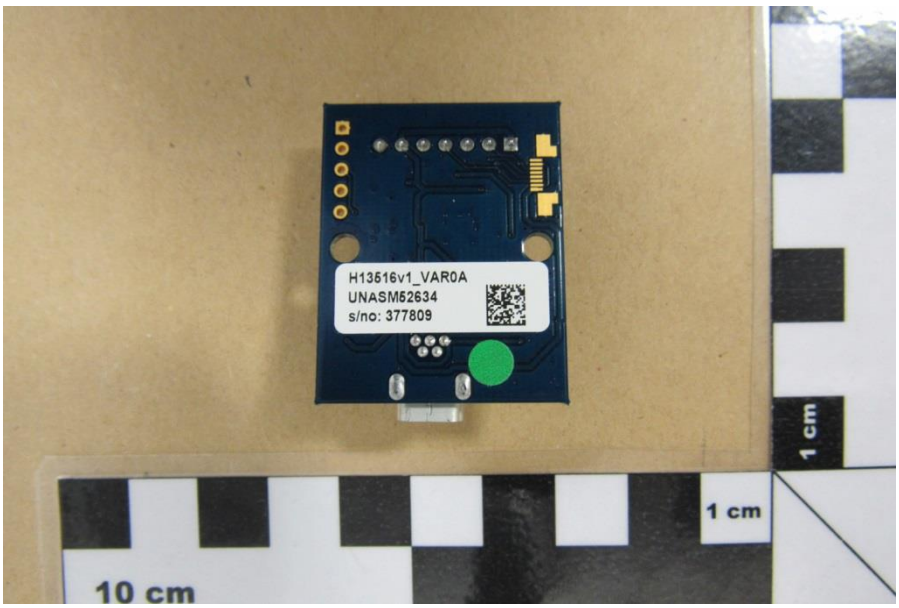
EUT CONDUCTED (SAMPLE 15515) OVER VIEW


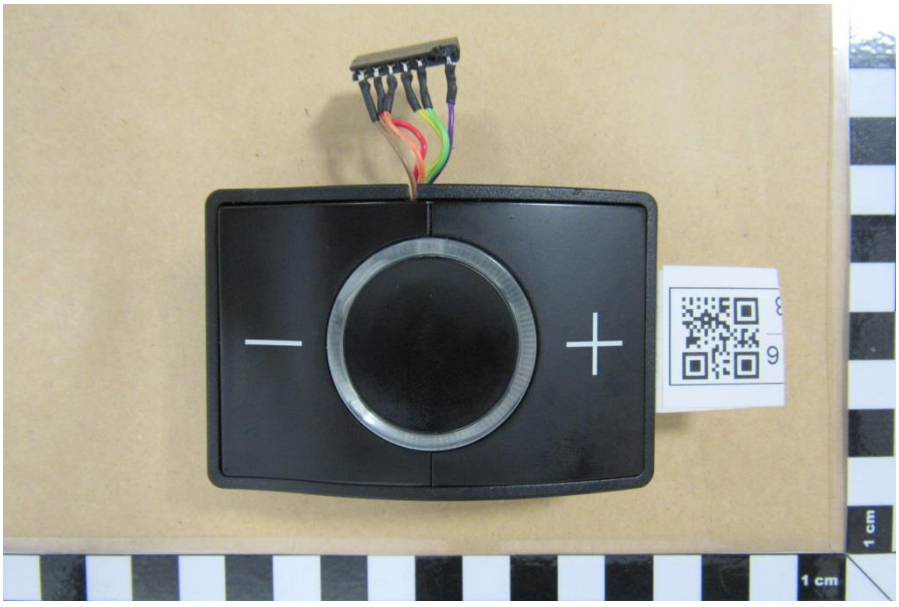
EUT CONDUCTED (SAMPLE 15515) BACK SIDE


EUT CONDUCTED (SAMPLE 15515) SIDE VIEW

AE1 CSR SPI ADAPTER (SAMPLE 15515) CONDUCTED (A)

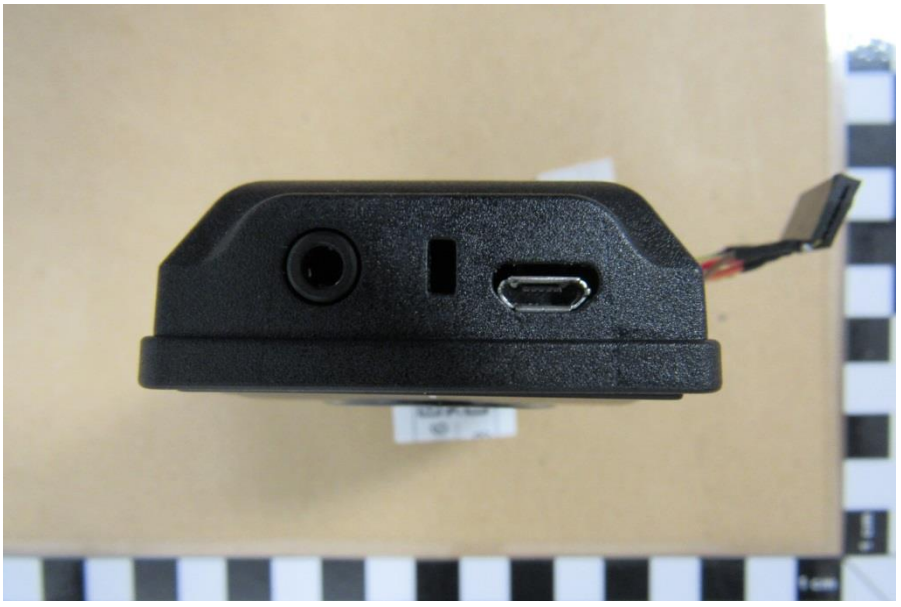


AE1 CSR SPI ADAPTER (SAMPLE 15515) CONDUCTED (B)


EUT RADIATED (SAMPLE 15678) OVER VIEW


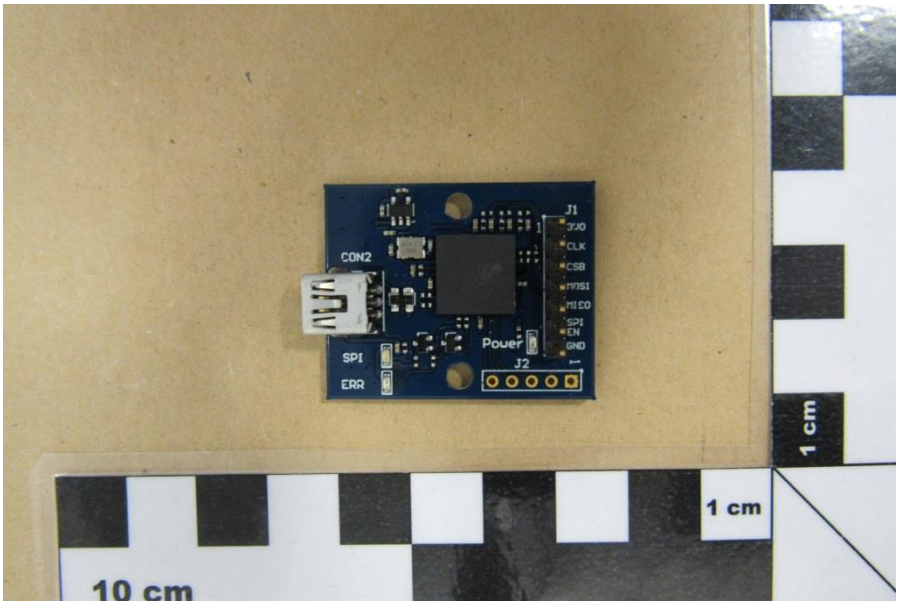
EUT RADIATED (SAMPLE 15678) SIDE VIEW (A)

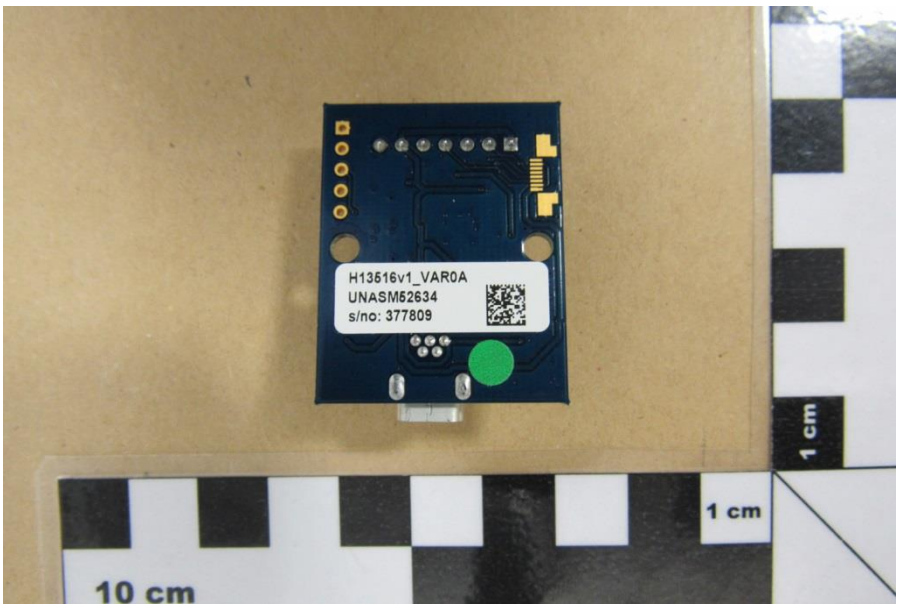
EUT RADIATED (SAMPLE 15678) SIDE VIEW (B)



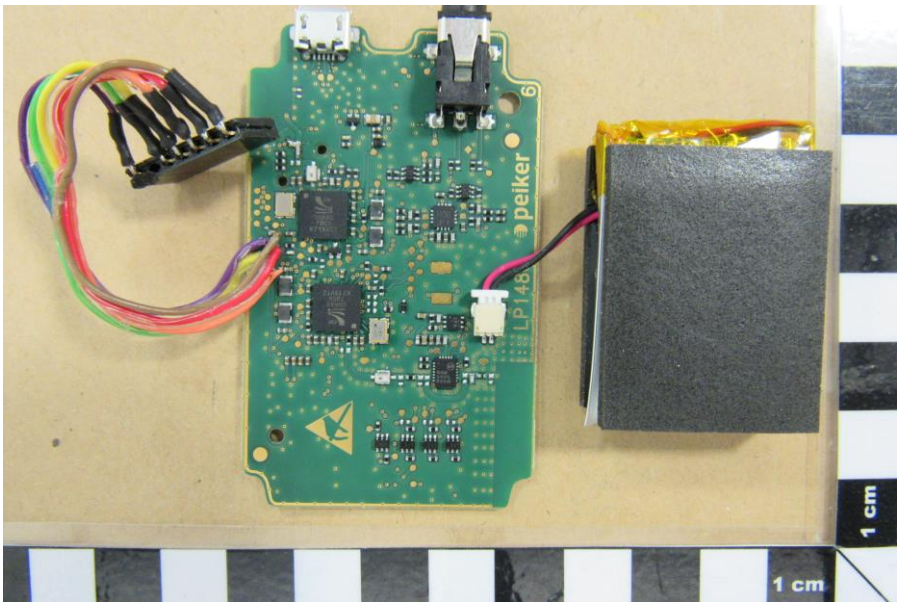
EUT RADIATED (SAMPLE 15678) BACK SIDE

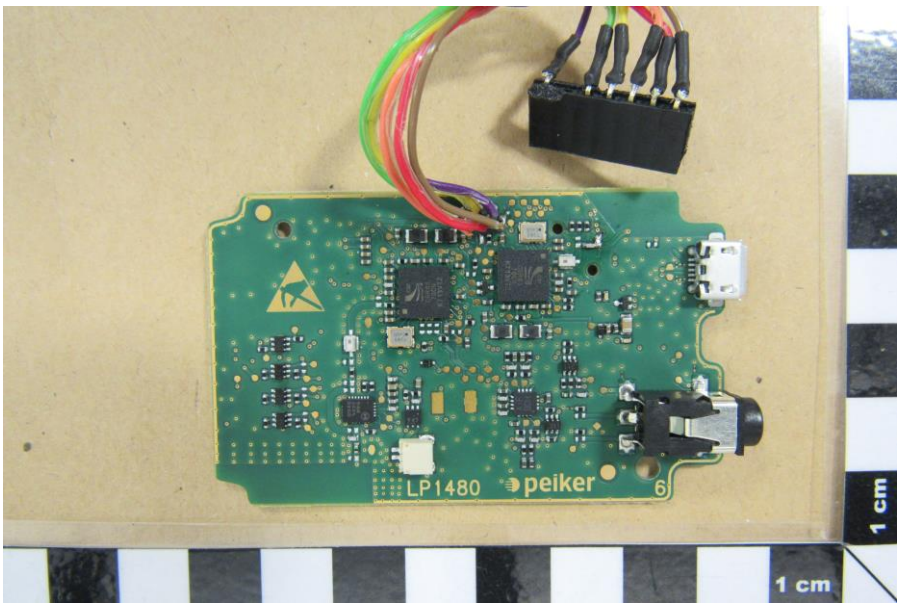
AE1 CSR SPI ADAPTER (SAMPLE 15515) RADIATED (A)

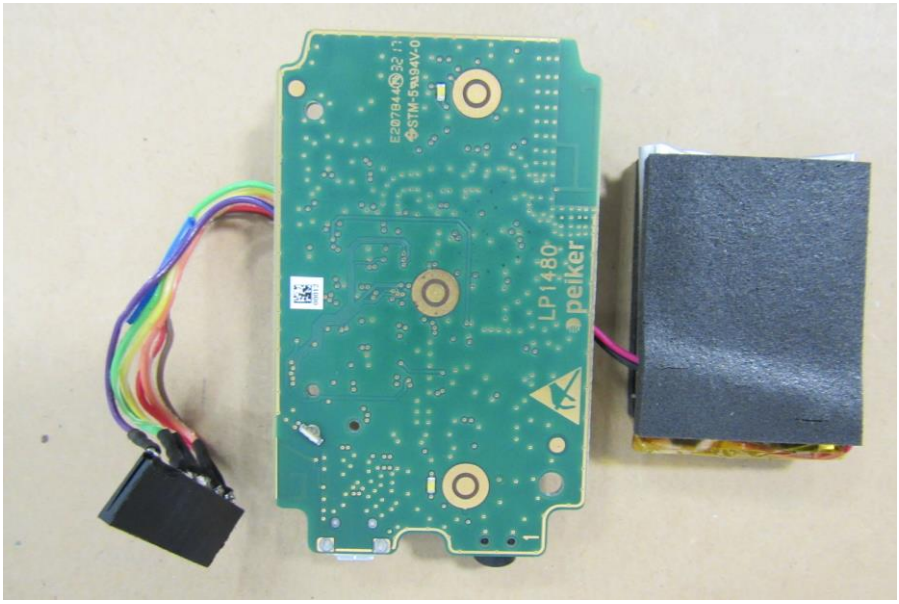


AE1 CSR SPI ADAPTER (SAMPLE 15515) RADIATED (B)


1.2 Photos – Equipment Internal

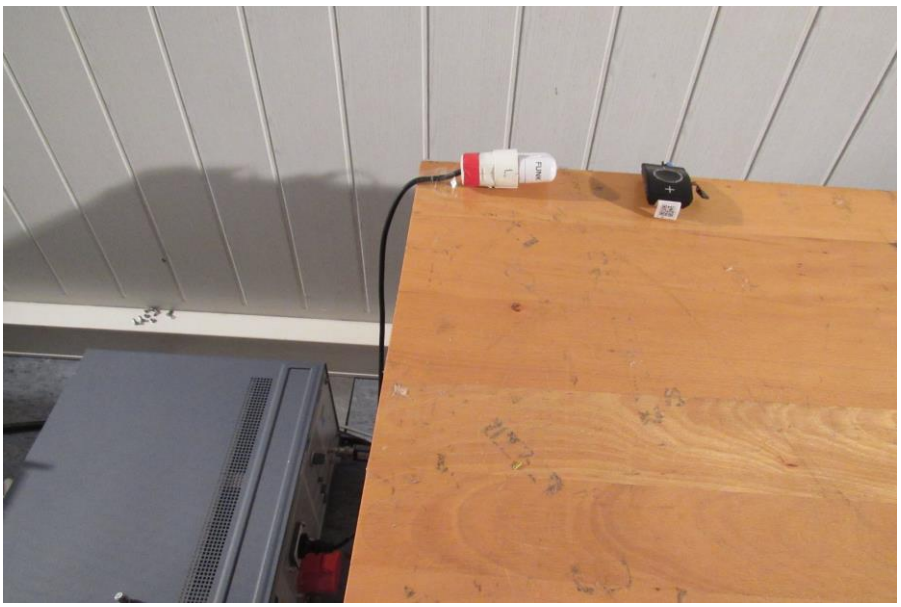
EUT INTERNAL TOP SIDE (A)


EUT INTERNAL TOP SIDE (B)


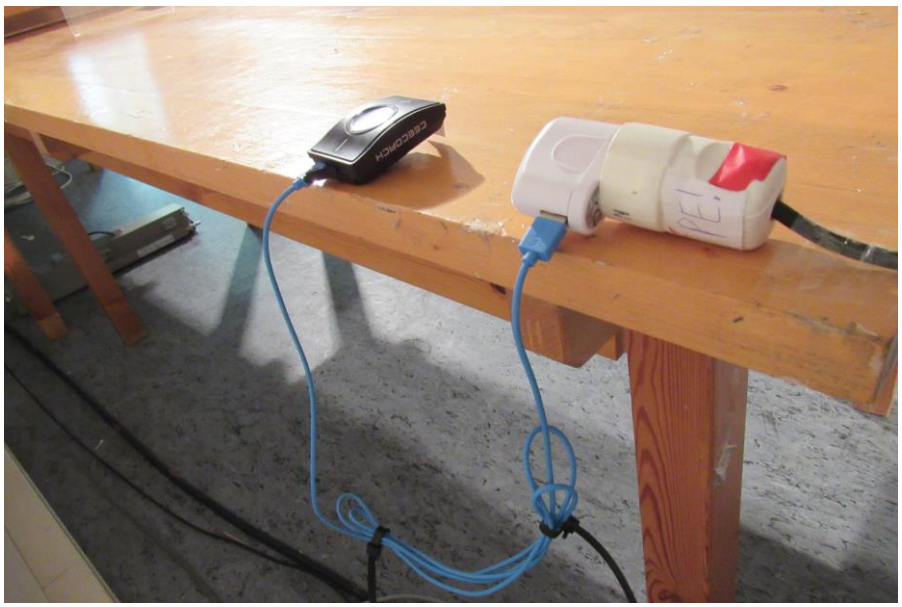
EUT INTERNAL BOTTOM SIDE


1.3 Photos – Test Setup

EUT TEST SETUP RADIATED


EUT TEST SETUP AC POWERLINE (A)


EUT TEST SETUP AC POWERLINE (B)



1.4 Support Equipment

Product Type	Device	Manufacturer	Model	Comment
SIM	Communication Tester	R&S	CBT	Signalling
AE1	CSR SPI Adapter	Not specified	Not specified	Signalling
AE2	Laptop	Dell	Latitude E6430	S/N 4MX5TY1
AE3	Power Supply	Dell	LA65NS2-01	S/N 6TM1C
Description:				
AE1; AE2; AE3	Auxillary Equipment			
SIM	Simulator			
CBL	Connecting Cable			
Comment: None.				

1.5 Test Modes

Mode	Description
DH5 Single	Mode = Transmit Modulation = GFSK Spreading = None Packet type = DH5 Duty cycle = 78%
2-DH5 Single	Mode = Transmit Modulation = PI/4-DQPSK Spreading = None Packet type = 2-DH5 Duty cycle = 78%
3-DH5 Single	Mode = Transmit Modulation = 8-DPSK Spreading = None Packet type = 3-DH5 Duty cycle = 78%
DH5 Hopping	Mode = Transmit Modulation = GFSK Spreading = FHSS Packet type = DH5 Duty cycle = 78%
2-DH5 Hopping	Mode = Transmit Modulation = PI/4-DQPSK Spreading = FHSS Packet type = 2-DH5 Duty cycle = 78%
3-DH5 Hopping	Mode = Transmit Modulation = 8-DPSK Spreading = FHSS Packet type = 3-DH5 Duty cycle = 78%
Receive	Mode = Receive
Comment: None.	

1.6 Test Frequencies

Designator	Mode	Channel	Frequency [MHz]
F1	Tx / Rx	0	2402
F2	Tx / Rx	39	2441
F3	Tx / Rx	40	2442
F4	Tx / Rx	78	2480

1.7 Sample emission level calculation

The following is a description of terms and a sample calculation, as appears in the radiated emissions data table. The numbers used in the calculation are for example only. There is no direct correlation to the specific data taken for the product described in this document:

Reading:

This is the reading obtained on the spectrum analyzer in dBµV. Any external preamplifiers used are taken into account through internal analyzer settings.

A.F.:

This is the antenna factor for the receiving antenna. It is a conversion factor, which converts electric fields strengths to voltages, which can be measured directly on the spectrum analyzer. It is treated as a loss in dB. Cable losses have been included with the A.F. to simplify the calculations. The antenna factor is used in calculations as follows:

Reading on Analyzer (dBµV) + A.F. (dB) = Net field strength (dBµV/m)

Net:

This is the net field strength measurement (as shown above).

Limit:

This is the FCC Class B radiated emission limit (in units of dBµV/m). The FCC limits are given in units of µV/m. The following formula is used to convert the units of µV/m to dBµV/m:

Limit (dBµV/m) = 20*log (µV/m)

Margin:

This is the margin of compliance below the FCC limit. The units are given in dB. A negative margin indicates the emission was below the limit. A positive margin indicates that the emission exceeds the limit.

Example only:

Reading + AF	= Net Reading	:	Net reading	- FCC limit	= Margin
+21.5 dBµV	+ 26 dB = 47.5 dBµV/m	:	47.5 dBµV/m	- 57.0 dBµV/m	= -9.5 dB

2 Result Summary

FCC 47 CFR Part 15C, ISED RSS-247				
Product Standard Reference	**Requirement**	**Reference Method**	**Result**	**Remarks**
RSS-Gen 6.6	Occupied Bandwidth	ANSI C63.10	PASS	Informational only
FCC § 15.247(a)(1) ISED RSS-247 § 5.1	20 dB Bandwidth	ANSI C63.10	PASS	
FCC § 15.247(a)(1)(iii) ISED RSS-247 § 5.1	Number of hopping frequencies	ANSI C63.10	PASS	
FCC § 15.247(a)(1) ISED RSS-247 § 5.1	Frequency hopping channel separation	ANSI C63.10	PASS	
FCC § 15.247(a)(1)(iii) ISED RSS-247 § 5.1	Time of occupancy (Dwell time)	ANSI C63.10	PASS	
FCC § 15.247(b)(1) ISED RSS-247 § 5.4	Maximum peak conducted power	ANSI C63.10	PASS	
FCC § 15.207 ISED RSS-247 § 3.1	AC power line conducted emissions	ANSI C63.10	PASS	
FCC § 15.247(d) ISED RSS-247 § 5.5	Band edge compliance	ANSI C63.10	PASS	
FCC § 15.247(d) ISED RSS-247 § 5.5	Conducted spurious emissions	ANSI C63.10	PASS	
FCC § 15.247(d) FCC § 15.209 ISED RSS-GEN § 8.9	Transmitter radiated spurious emissions	ANSI C63.10	PASS	
ISED RSS-247 § 3.1	Receiver radiated spurious emissions	ANSI C63.10	PASS	
Comment:				

Possible Test Case Verdicts	
PASS	Test object does meet the requirements
FAIL	Test object does not meet the requirements
N/T	Required by standard but not tested
N/R	Not required by standard for the test object

3 Test Conditions and Results

3.1 Test Conditions and Results - Occupied bandwidth

3.1.1 Information

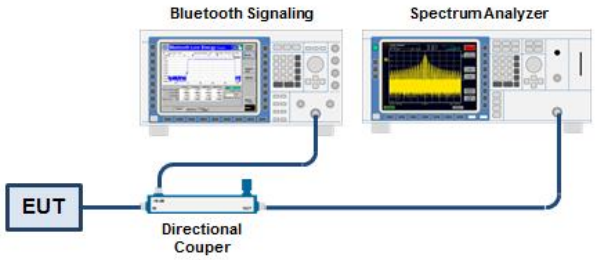
Test Information	
Reference	ISED RSS-Gen 6.6
Measurement Method	ANSI C63.10 6.9.3
Operator	Abdullah Al Jamal
Date	2017-10-18

3.1.2 Limits

Limits
None (Informational only)

3.1.3 Setup

Test Setup



3.1.4 Equipment

Test Equipment					
Description	Manufacturer	Model	Identifier	Cal. Date	Cal. Due
Spectrum Analyzer	R&S	FSW 43	EF00896	2017-08	2018-08
CBT Bluetooth Tester	R&S	CBT	EF00358	2017-03	2019-03

3.1.5 Procedure

Test Procedure

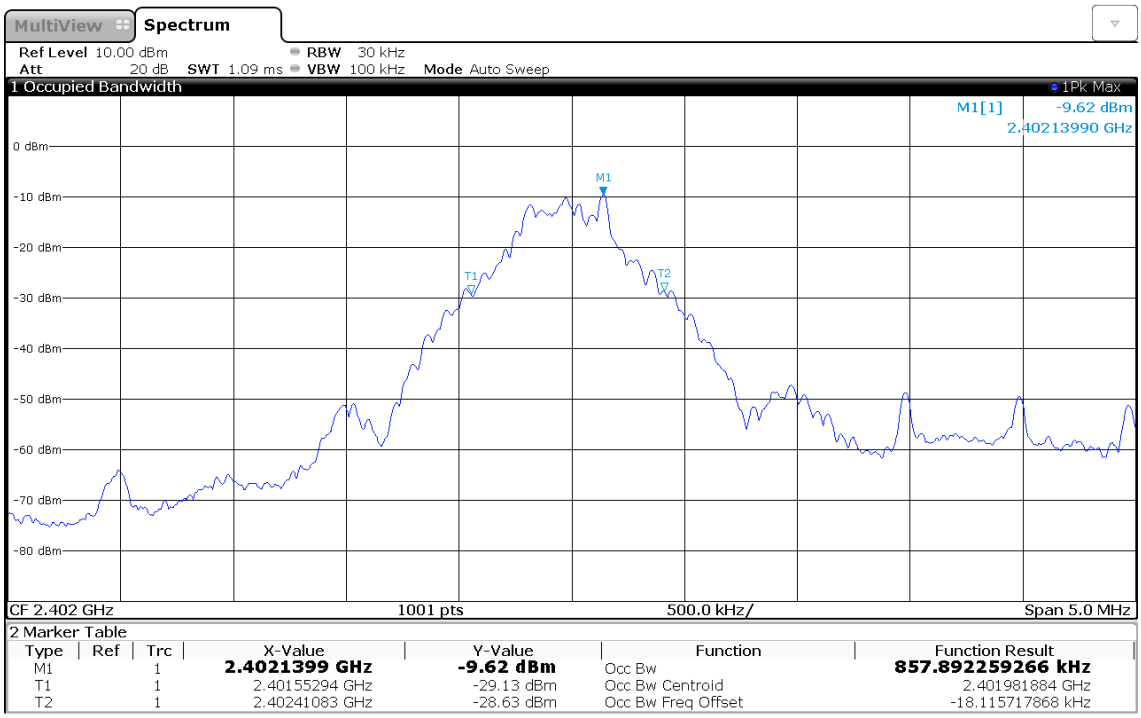
1. EUT transmitter is activated in test mode under normal conditions
2. The spectrum analyzer is set to peak detection and maximum hold with a span twice the emission spectrum
3. The resolution bandwidth is set to 1 % of the bandwidth
4. The occupied bandwidth is measured with the build-in analyzer function

3.1.6 Results

Test Results		
Mode	Frequency [MHz]	Bandwidth [MHz]
DH5	2402	0.858
DH5	2441	0.857
DH5	2480	0.853
2-DH5	2402	1.155
2-DH5	2441	1.154
2-DH5	2480	1.154
3-DH5	2402	1.152
3-DH5	2441	1.162
3-DH5	2480	1.155

Occupied Bandwidth

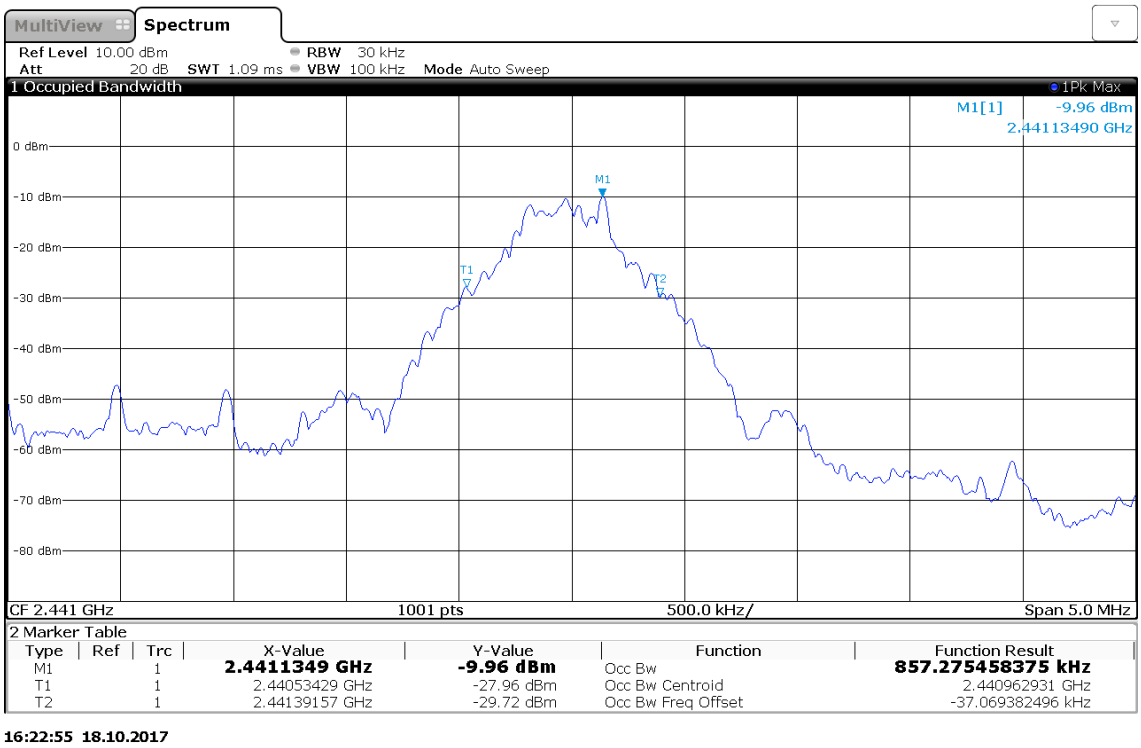
Project Number:	G0M-1709-6878
Applicant	peiker CEE GmbH
Model Description	CEECOACH
Model:	CC2
Test Sample ID:	15515 (BT2)
Reference Standards:	FCC 15.247, RSS-247
Reference Method:	ANSI C63.10:2013, Section 6.9.3
Operational Mode:	DH5, Channel: 0, 2402 MHz
Operating Conditions:	Tnom/Vnom
Operator:	A. Al Jamal
Test Site:	Eurofins Product Service GmbH
Test Date:	2017-10-18
Occupied Bandwidth [MHz]:	0.858



16:20:39 18.10.2017

Occupied Bandwidth

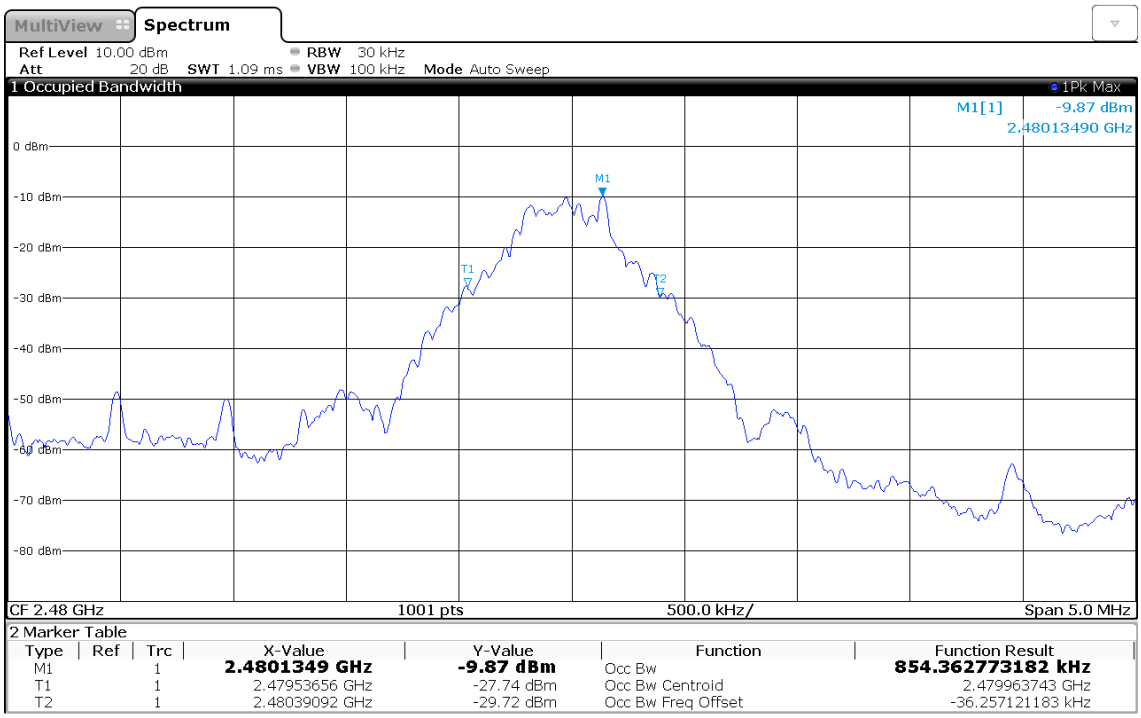
Project Number:	G0M-1709-6878
Applicant	peiker CEE GmbH
Model Description	CEECOACH
Model:	CC2
Test Sample ID:	15515 (BT2)
Reference Standards:	FCC 15.247, RSS-247
Reference Method:	ANSI C63.10:2013, Section 6.9.3
Operational Mode:	DH5, Channel: 39, 2441 MHz
Operating Conditions:	Tnom/Vnom
Operator:	A. Al Jamal
Test Site:	Eurofins Product Service GmbH
Test Date:	2017-10-18
Occupied Bandwidth [MHz]:	0.857



16:22:55 18.10.2017

Occupied Bandwidth

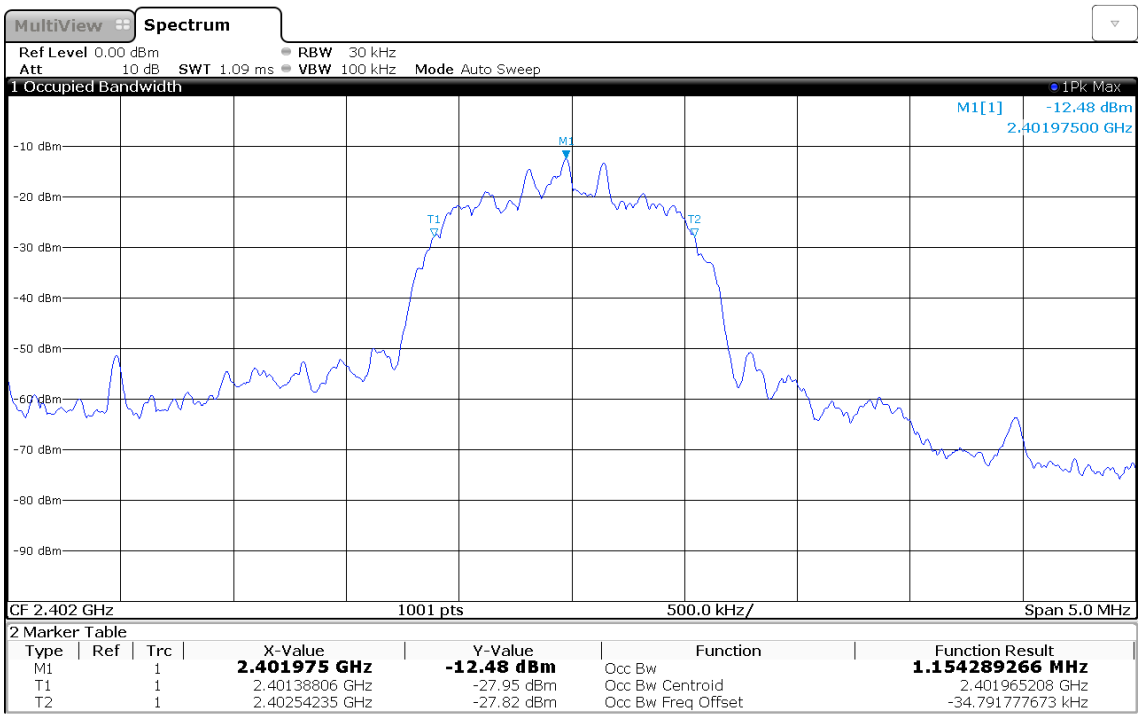
Project Number:	G0M-1709-6878
Applicant	peiker CEE GmbH
Model Description	CEECOACH
Model:	CC2
Test Sample ID:	15515 (BT2)
Reference Standards:	FCC 15.247, RSS-247
Reference Method:	ANSI C63.10:2013, Section 6.9.3
Operational Mode:	DH5, Channel: 78, 2480 MHz
Operating Conditions:	Tnom/Vnom
Operator:	A. Al Jamal
Test Site:	Eurofins Product Service GmbH
Test Date:	2017-10-18
Occupied Bandwidth [MHz]:	0.853



16:24:07 18.10.2017

Occupied Bandwidth

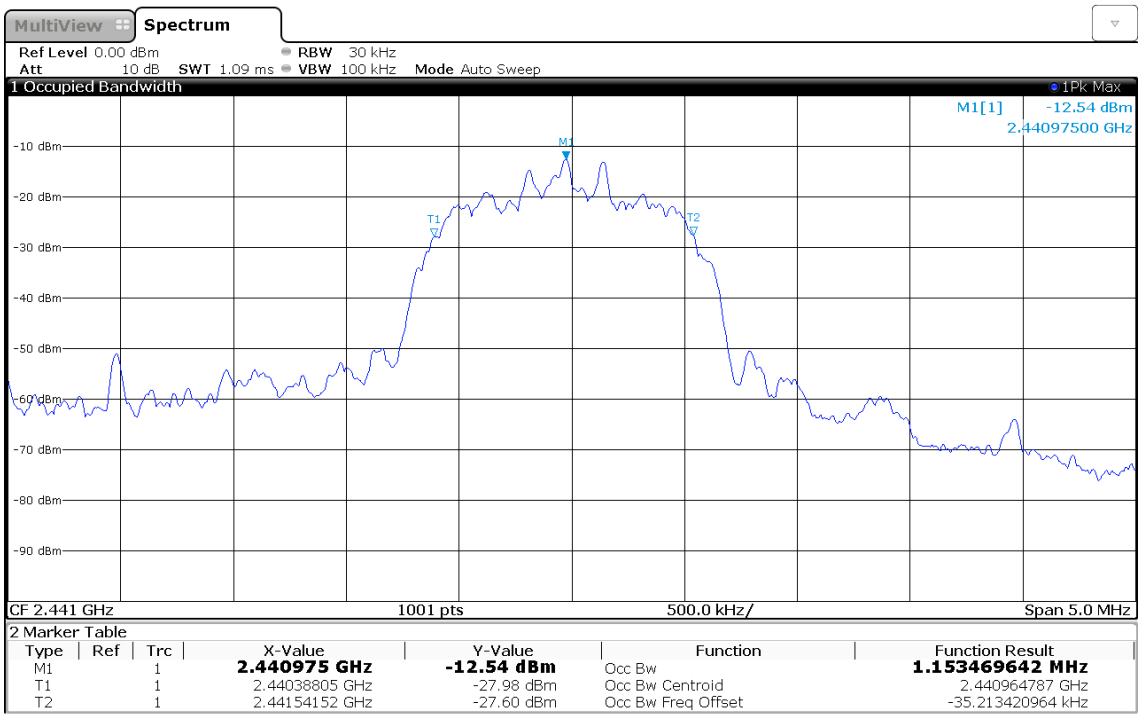
Project Number:	G0M-1709-6878
Applicant	peiker CEE GmbH
Model Description	CEECOACH
Model:	CC2
Test Sample ID:	15515 (BT2)
Reference Standards:	FCC 15.247, RSS-247
Reference Method:	ANSI C63.10:2013, Section 6.9.3
Operational Mode:	2-DH5, Channel: 0, 2402 MHz
Operating Conditions:	Tnom/Vnom
Operator:	A. Al Jamal
Test Site:	Eurofins Product Service GmbH
Test Date:	2017-10-18
Occupied Bandwidth [MHz]:	1.155



16:28:24 18.10.2017

Occupied Bandwidth

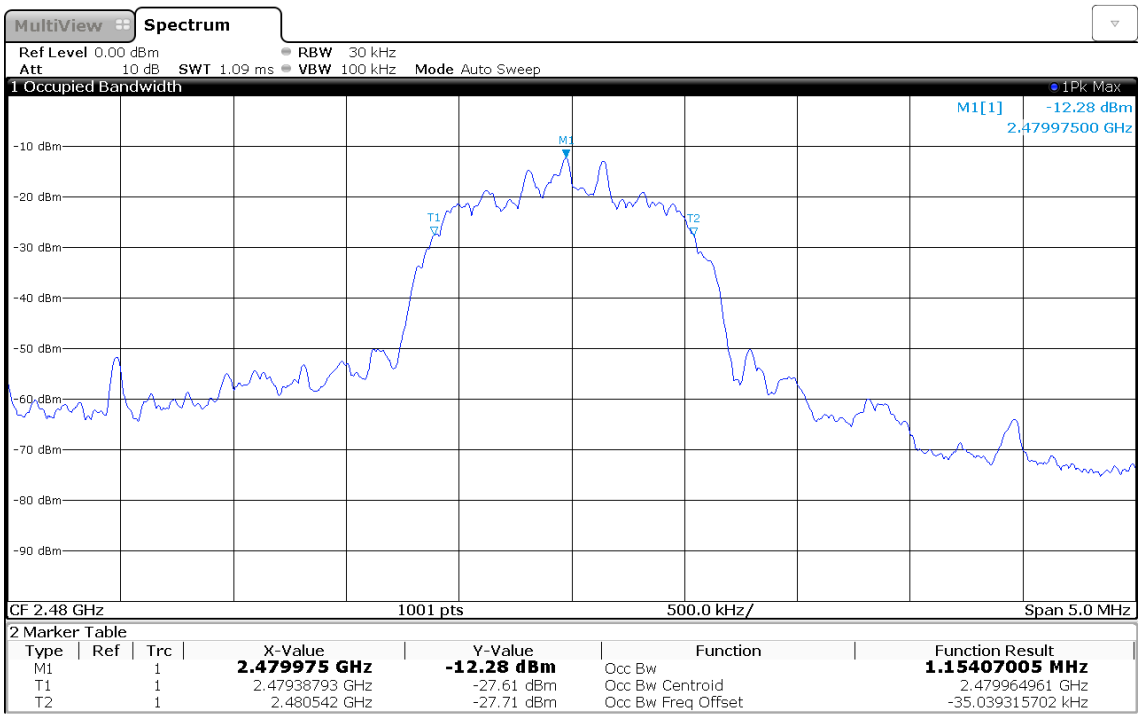
Project Number:	G0M-1709-6878
Applicant	peiker CEE GmbH
Model Description	CEECOACH
Model:	CC2
Test Sample ID:	15515 (BT2)
Reference Standards:	FCC 15.247, RSS-247
Reference Method:	ANSI C63.10:2013, Section 6.9.3
Operational Mode:	2-DH5, Channel: 39, 2441 MHz
Operating Conditions:	Tnom/Vnom
Operator:	A. Al Jamal
Test Site:	Eurofins Product Service GmbH
Test Date:	2017-10-18
Occupied Bandwidth [MHz]:	1.154



16:28:45 18.10.2017

Occupied Bandwidth

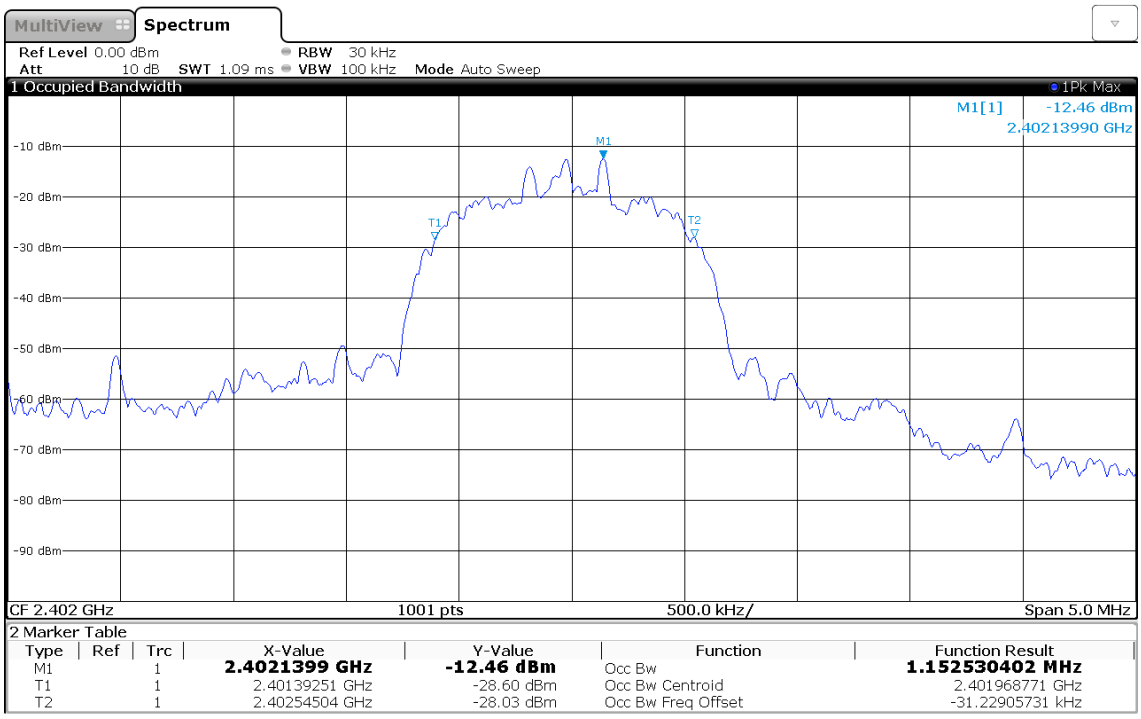
Project Number:	G0M-1709-6878
Applicant	peiker CEE GmbH
Model Description	CEECOACH
Model:	CC2
Test Sample ID:	15515 (BT2)
Reference Standards:	FCC 15.247, RSS-247
Reference Method:	ANSI C63.10:2013, Section 6.9.3
Operational Mode:	2-DH5, Channel: 78, 2480 MHz
Operating Conditions:	Tnom/Vnom
Operator:	A. Al Jamal
Test Site:	Eurofins Product Service GmbH
Test Date:	2017-10-18
Occupied Bandwidth [MHz]:	1.154



16:29:12 18.10.2017

Occupied Bandwidth

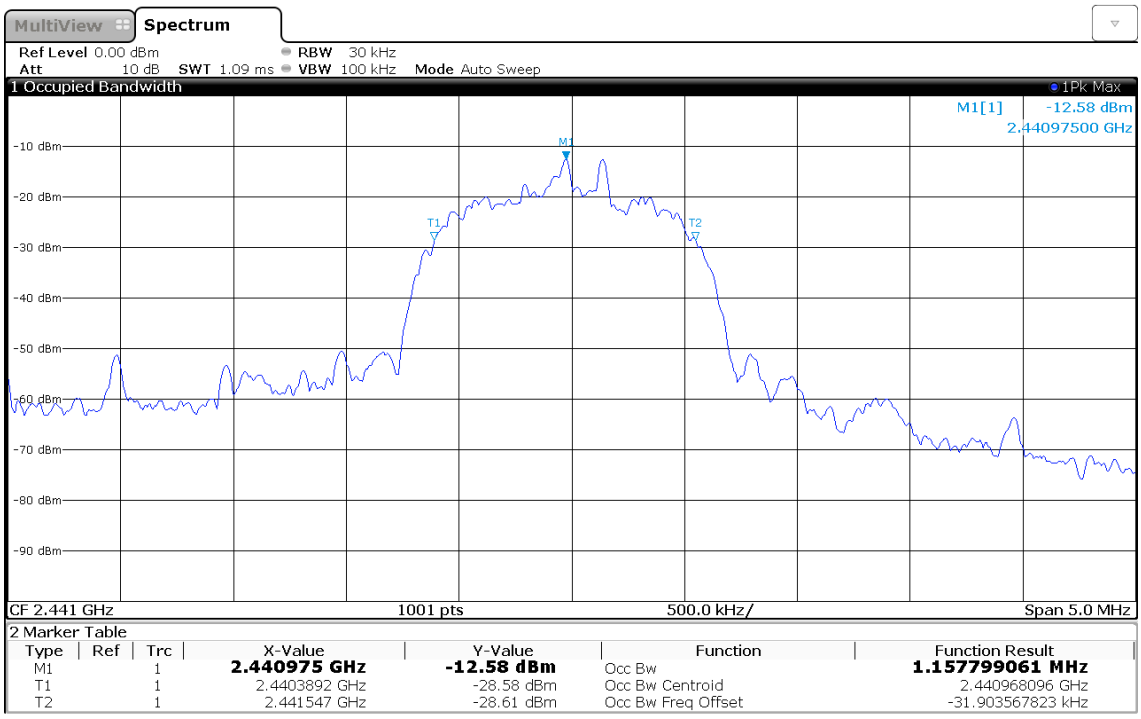
Project Number:	G0M-1709-6878
Applicant	peiker CEE GmbH
Model Description	CEECOACH
Model:	CC2
Test Sample ID:	15515 (BT2)
Reference Standards:	FCC 15.247, RSS-247
Reference Method:	ANSI C63.10:2013, Section 6.9.3
Operational Mode:	3-DH5, Channel: 0, 2402 MHz
Operating Conditions:	Tnom/Vnom
Operator:	A. Al Jamal
Test Site:	Eurofins Product Service GmbH
Test Date:	2017-10-18
Occupied Bandwidth [MHz]:	1.152



16:31:11 18.10.2017

Occupied Bandwidth

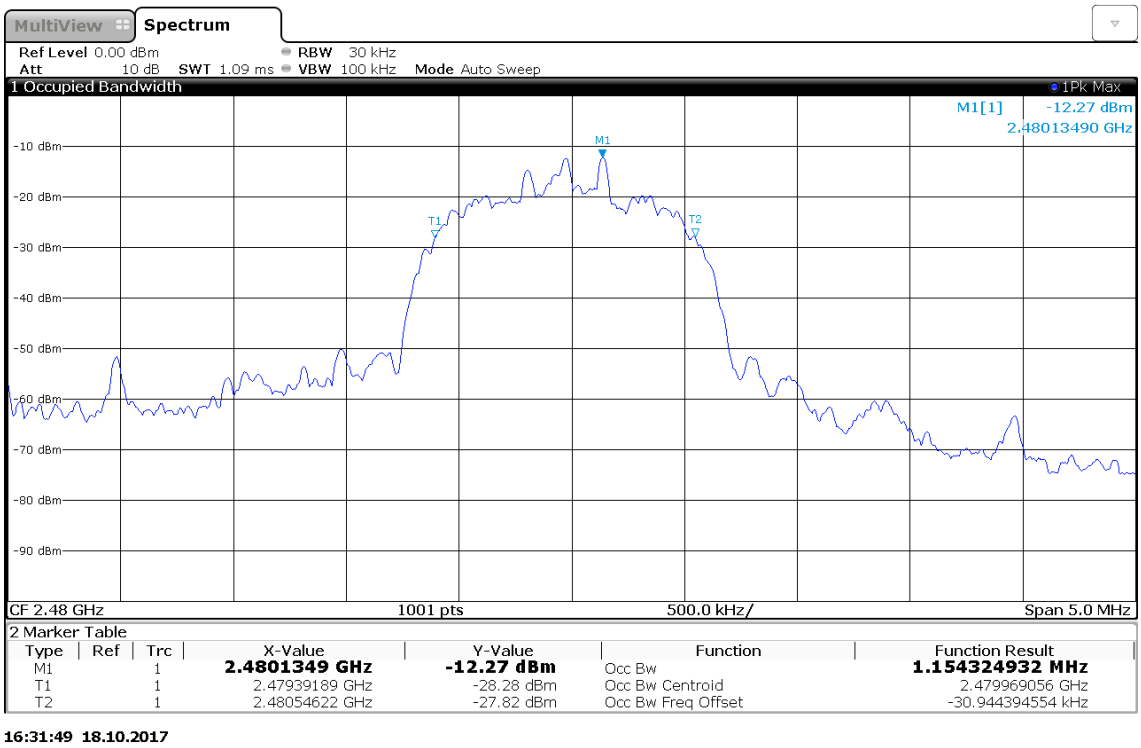
Project Number:	G0M-1709-6878
Applicant	peiker CEE GmbH
Model Description	CEECOACH
Model:	CC2
Test Sample ID:	15515 (BT2)
Reference Standards:	FCC 15.247, RSS-247
Reference Method:	ANSI C63.10:2013, Section 6.9.3
Operational Mode:	3-DH5, Channel: 39, 2441 MHz
Operating Conditions:	Tnom/Vnom
Operator:	A. Al Jamal
Test Site:	Eurofins Product Service GmbH
Test Date:	2017-10-18
Occupied Bandwidth [MHz]:	1.162



16:31:30 18.10.2017

Occupied Bandwidth

Project Number:	G0M-1709-6878
Applicant	peiker CEE GmbH
Model Description	CEECOACH
Model:	CC2
Test Sample ID:	15515 (BT2)
Reference Standards:	FCC 15.247, RSS-247
Reference Method:	ANSI C63.10:2013, Section 6.9.3
Operational Mode:	3-DH5, Channel: 78, 2480 MHz
Operating Conditions:	Tnom/Vnom
Operator:	A. Al Jamal
Test Site:	Eurofins Product Service GmbH
Test Date:	2017-10-18
Occupied Bandwidth [MHz]:	1.155



16:31:49 18.10.2017

3.2 Test Conditions and Results - 20 dB bandwidth

3.2.1 Information

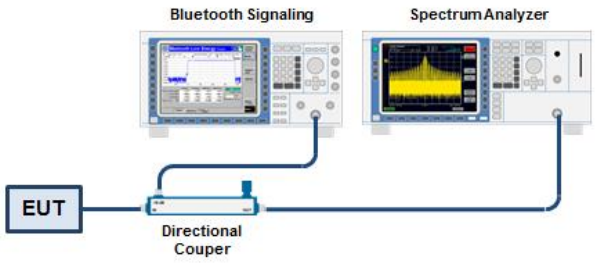
Test Information	
Reference	FCC 15.247(a)(1) / ISED RSS-247 5.1
Measurement Method	ANSI C63.10 6.9.2
Operator	Abdullah Al Jamal
Date	2017-10-18

3.2.2 Limits

Limits	
Condition	Limit
None (Informational only)	

3.2.3 Setup

Test Setup



3.2.4 Equipment

Test Equipment					
Description	Manufacturer	Model	Identifier	Cal. Date	Cal. Due
Spectrum Analyzer	R&S	FSW 43	EF00896	2017-08	2018-08
CBT Bluetooth Tester	R&S	CBT	EF00358	2017-03	2019-03

3.2.5 Procedure

Test Procedure

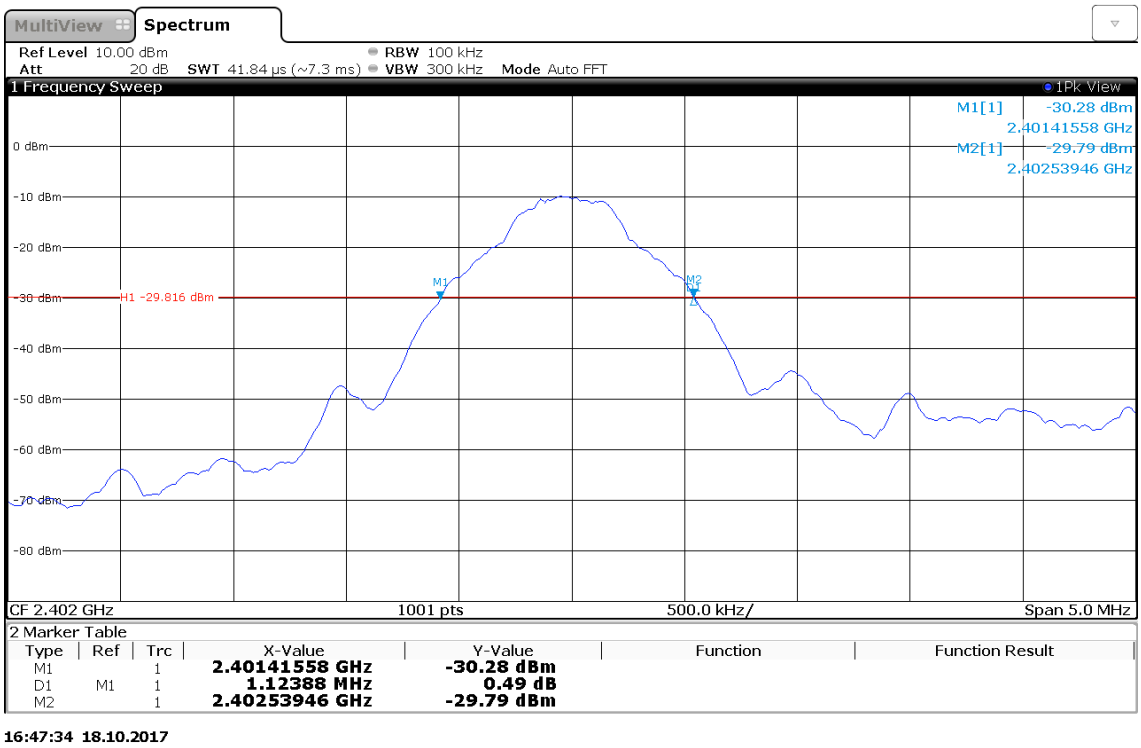
1. EUT set to test mode (Communication tester is used if needed)
2. Span set to at least twice the emission spectrum
3. Detector set to peak and max hold
4. Envelope peak value of emission spectrum is selected
5. Marker on envelope of spectrum is set to level of -20 dB to the left of the peak
6. Marker on envelope of spectrum is set to level of -20 dB to the right of the peak
7. 20dB Bandwidth is determined by marker frequency separation

3.2.6 Results

Test Results		
Mode	Frequency [MHz]	Bandwidth [MHz]
DH5	2402	1.124
DH5	2441	1.129
DH5	2480	1.124
2-DH5	2402	1.384
2-DH5	2441	1.394
2-DH5	2480	1.399
3-DH5	2402	1.404
3-DH5	2441	1.379
3-DH5	2480	1.384

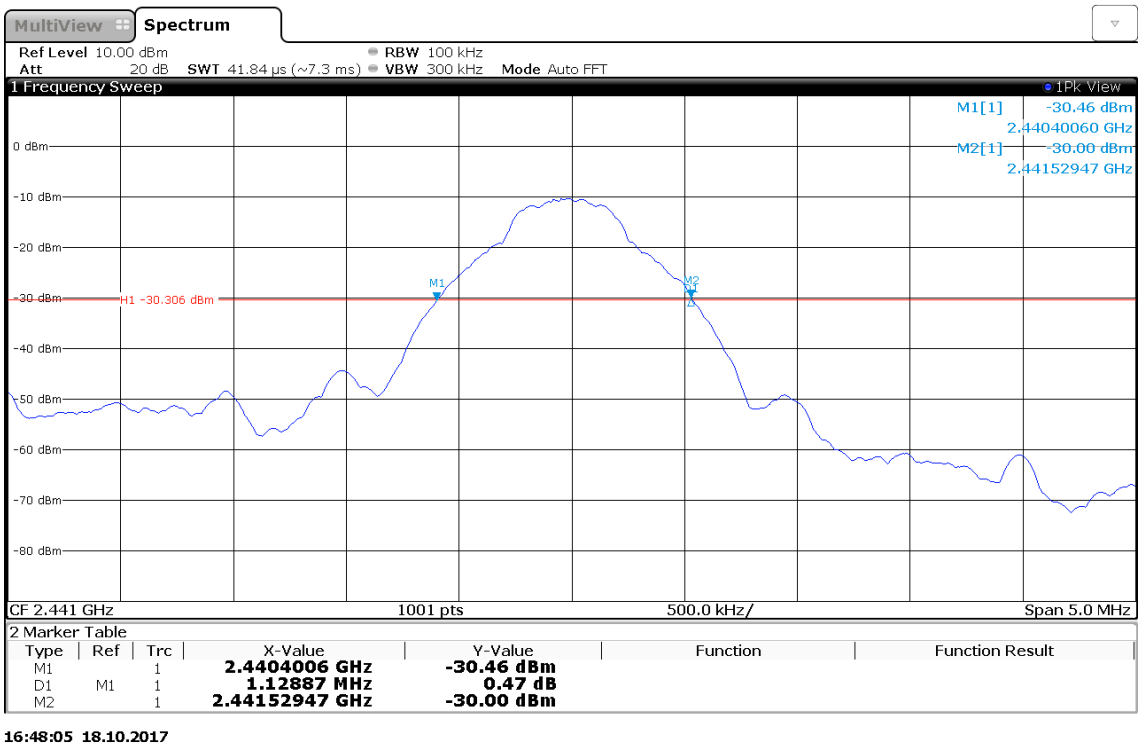
20 dB Bandwidth

Project Number:	G0M-1709-6878
Applicant	peiker CEE GmbH
Model Description	CEECOACH
Model:	CC2
Test Sample ID:	15515 (BT2)
Reference Standards:	FCC 15.247, RSS-247
Reference Method:	ANSI C63.10:2013, Section 6.9.2
Operational Mode:	DH5, Channel: 0, 2402 MHz
Operating Conditions:	Tnom/Vnom
Operator:	A. Al Jamal
Test Site:	Eurofins Product Service GmbH
Test Date:	2017-10-18
Lower Frequency [MHz]:	2401.416
Upper Frequency [MHz]:	2402.539
20 dB Bandwidth [kHz]:	1124



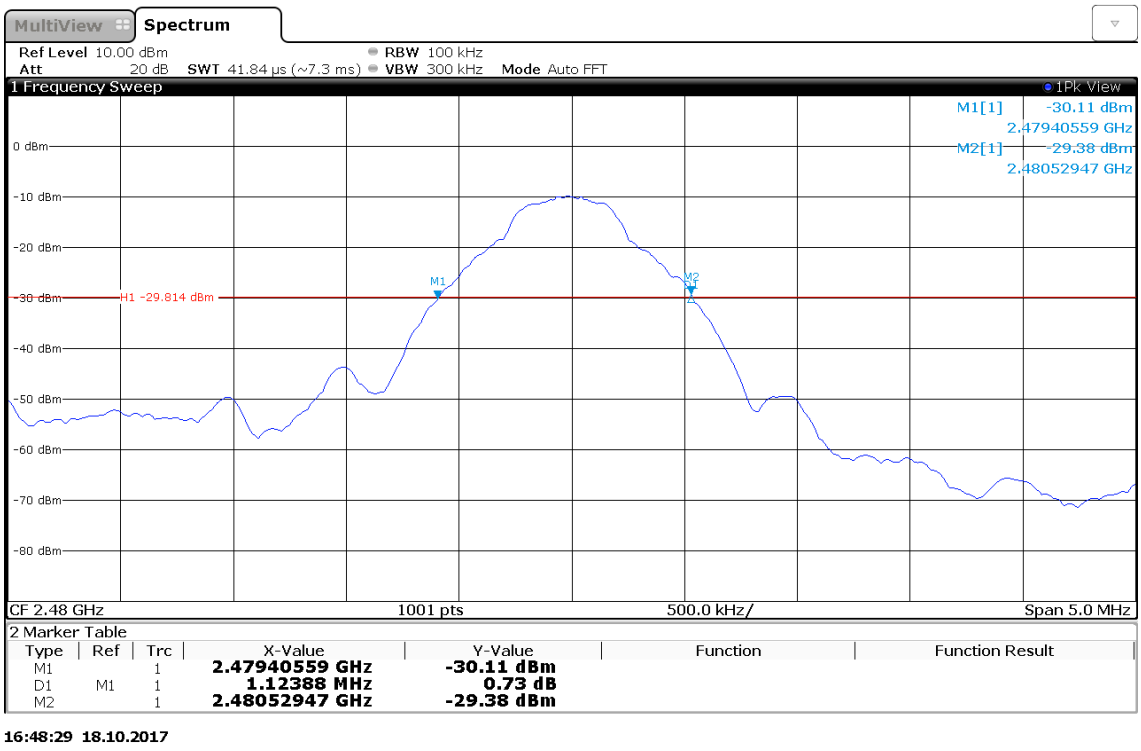
20 dB Bandwidth

Project Number:	G0M-1709-6878
Applicant	peiker CEE GmbH
Model Description	CEECOACH
Model:	CC2
Test Sample ID:	15515 (BT2)
Reference Standards:	FCC 15.247, RSS-247
Reference Method:	ANSI C63.10:2013, Section 6.9.2
Operational Mode:	DH5, Channel: 39, 2441 MHz
Operating Conditions:	Tnom/Vnom
Operator:	A. Al Jamal
Test Site:	Eurofins Product Service GmbH
Test Date:	2017-10-18
Lower Frequency [MHz]:	2440.401
Upper Frequency [MHz]:	2441.529
20 dB Bandwidth [kHz]:	1129



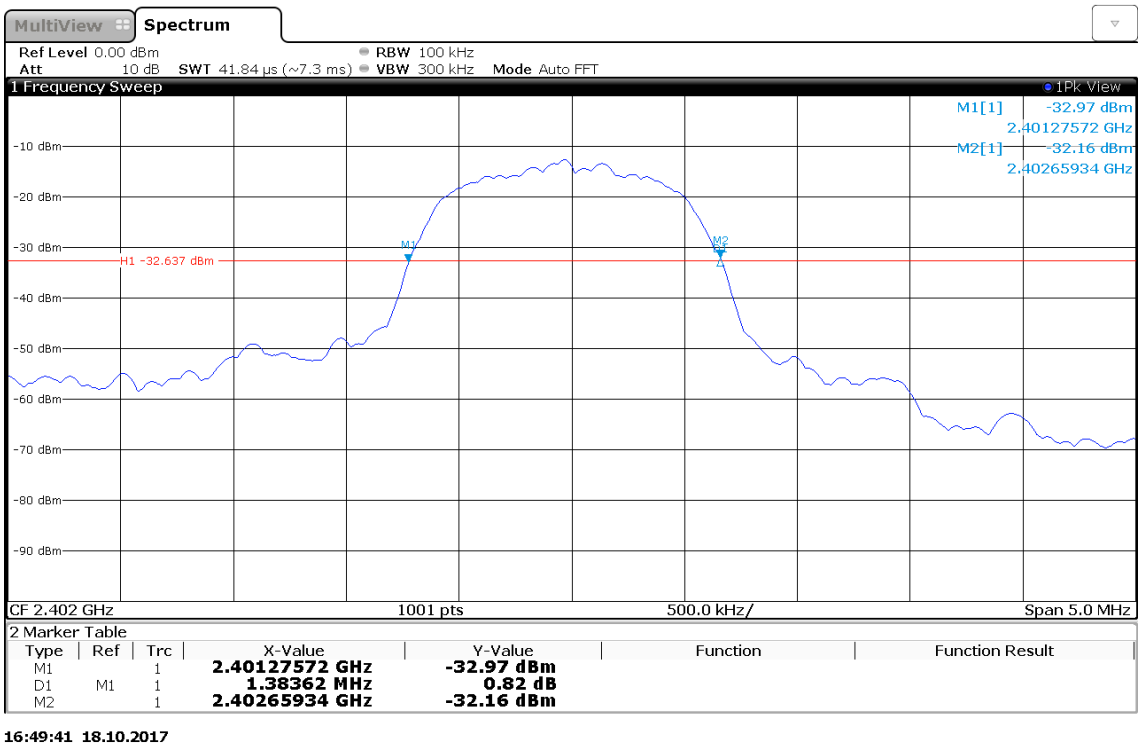
20 dB Bandwidth

Project Number:	G0M-1709-6878
Applicant	peiker CEE GmbH
Model Description	CEECOACH
Model:	CC2
Test Sample ID:	15515 (BT2)
Reference Standards:	FCC 15.247, RSS-247
Reference Method:	ANSI C63.10:2013, Section 6.9.2
Operational Mode:	DH5, Channel: 78, 2480 MHz
Operating Conditions:	Tnom/Vnom
Operator:	A. Al Jamal
Test Site:	Eurofins Product Service GmbH
Test Date:	2017-10-18
Lower Frequency [MHz]:	2479.406
Upper Frequency [MHz]:	2480.529
20 dB Bandwidth [kHz]:	1124



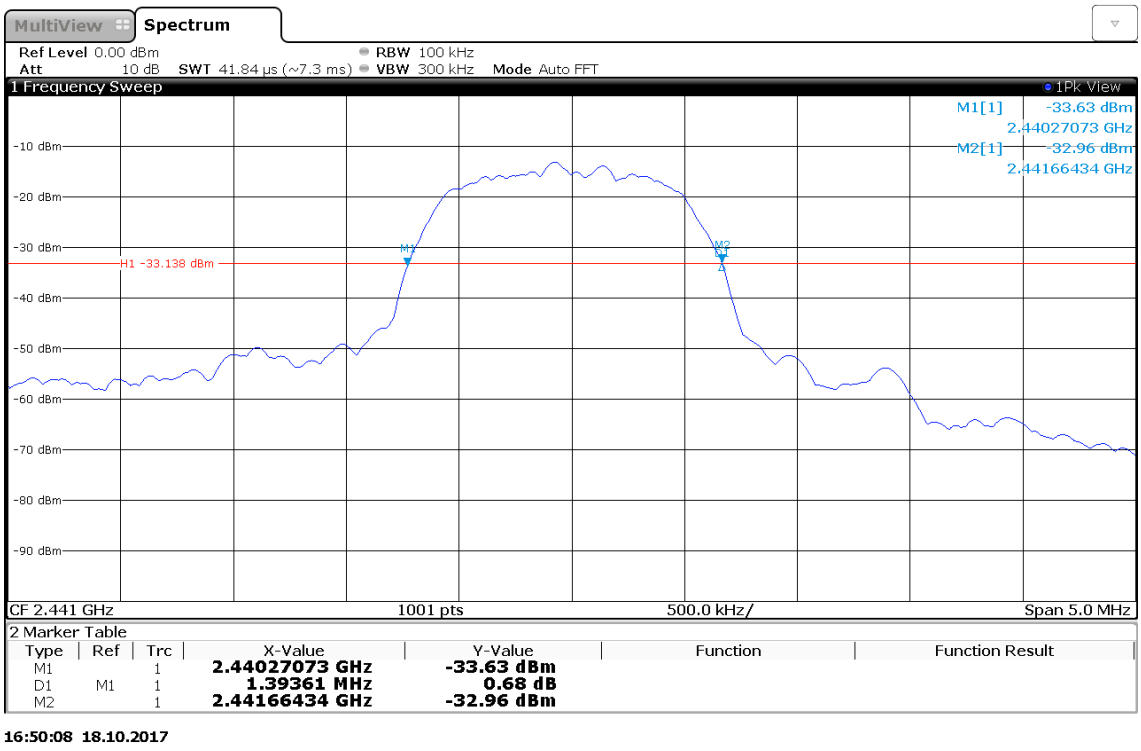
20 dB Bandwidth

Project Number:	G0M-1709-6878
Applicant	peiker CEE GmbH
Model Description	CEECOACH
Model:	CC2
Test Sample ID:	15515 (BT2)
Reference Standards:	FCC 15.247, RSS-247
Reference Method:	ANSI C63.10:2013, Section 6.9.2
Operational Mode:	2-DH5, Channel: 0, 2402 MHz
Operating Conditions:	Tnom/Vnom
Operator:	A. Al Jamal
Test Site:	Eurofins Product Service GmbH
Test Date:	2017-10-18
Lower Frequency [MHz]:	2401.276
Upper Frequency [MHz]:	2402.659
20 dB Bandwidth [kHz]:	1384



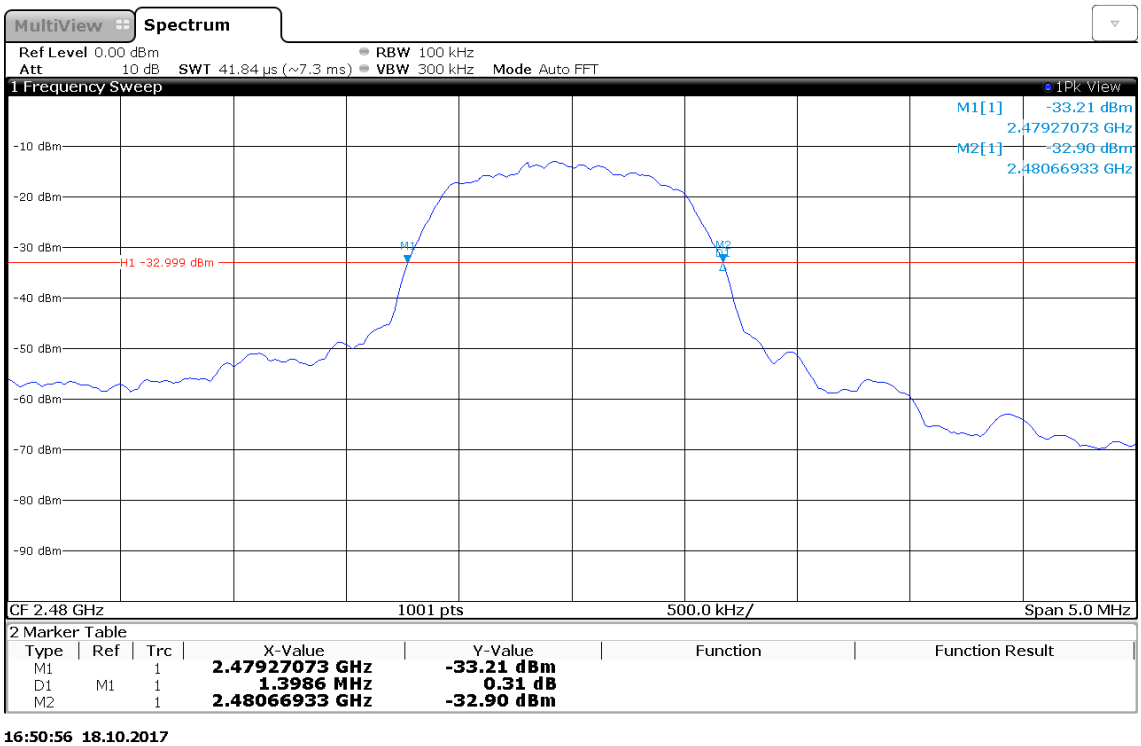
20 dB Bandwidth

Project Number:	G0M-1709-6878
Applicant	peiker CEE GmbH
Model Description	CEECOACH
Model:	CC2
Test Sample ID:	15515 (BT2)
Reference Standards:	FCC 15.247, RSS-247
Reference Method:	ANSI C63.10:2013, Section 6.9.2
Operational Mode:	2-DH5, Channel: 39, 2441 MHz
Operating Conditions:	Tnom/Vnom
Operator:	A. Al Jamal
Test Site:	Eurofins Product Service GmbH
Test Date:	2017-10-18
Lower Frequency [MHz]:	2440.271
Upper Frequency [MHz]:	2441.664
20 dB Bandwidth [kHz]:	1394



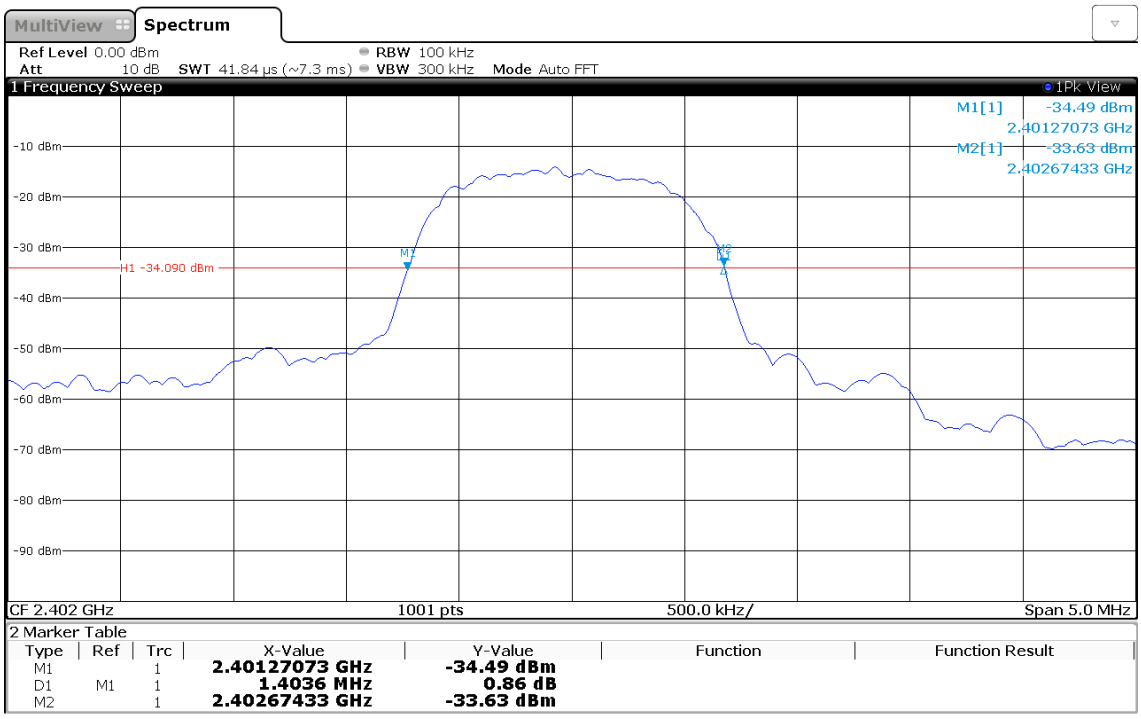
20 dB Bandwidth

Project Number:	G0M-1709-6878
Applicant	peiker CEE GmbH
Model Description	CEECOACH
Model:	CC2
Test Sample ID:	15515 (BT2)
Reference Standards:	FCC 15.247, RSS-247
Reference Method:	ANSI C63.10:2013, Section 6.9.2
Operational Mode:	2-DH5, Channel: 78, 2480 MHz
Operating Conditions:	Tnom/Vnom
Operator:	A. Al Jamal
Test Site:	Eurofins Product Service GmbH
Test Date:	2017-10-18
Lower Frequency [MHz]:	2479.271
Upper Frequency [MHz]:	2480.669
20 dB Bandwidth [kHz]:	1399



20 dB Bandwidth

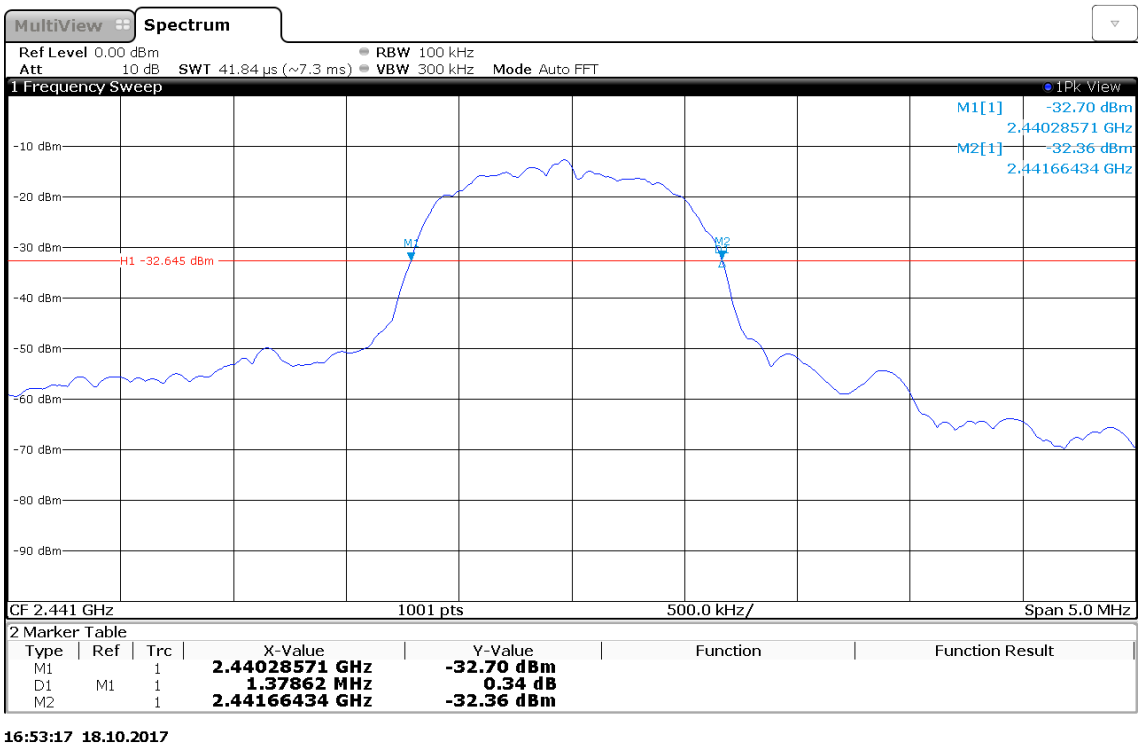
Project Number:	G0M-1709-6878
Applicant	peiker CEE GmbH
Model Description	CEECOACH
Model:	CC2
Test Sample ID:	15515 (BT2)
Reference Standards:	FCC 15.247, RSS-247
Reference Method:	ANSI C63.10:2013, Section 6.9.2
Operational Mode:	3-DH5, Channel: 0, 2402 MHz
Operating Conditions:	Tnom/Vnom
Operator:	A. Al Jamal
Test Site:	Eurofins Product Service GmbH
Test Date:	2017-10-18
Lower Frequency [MHz]:	2401.271
Upper Frequency [MHz]:	2402.674
20 dB Bandwidth [kHz]:	1404



16:52:52 18.10.2017

20 dB Bandwidth

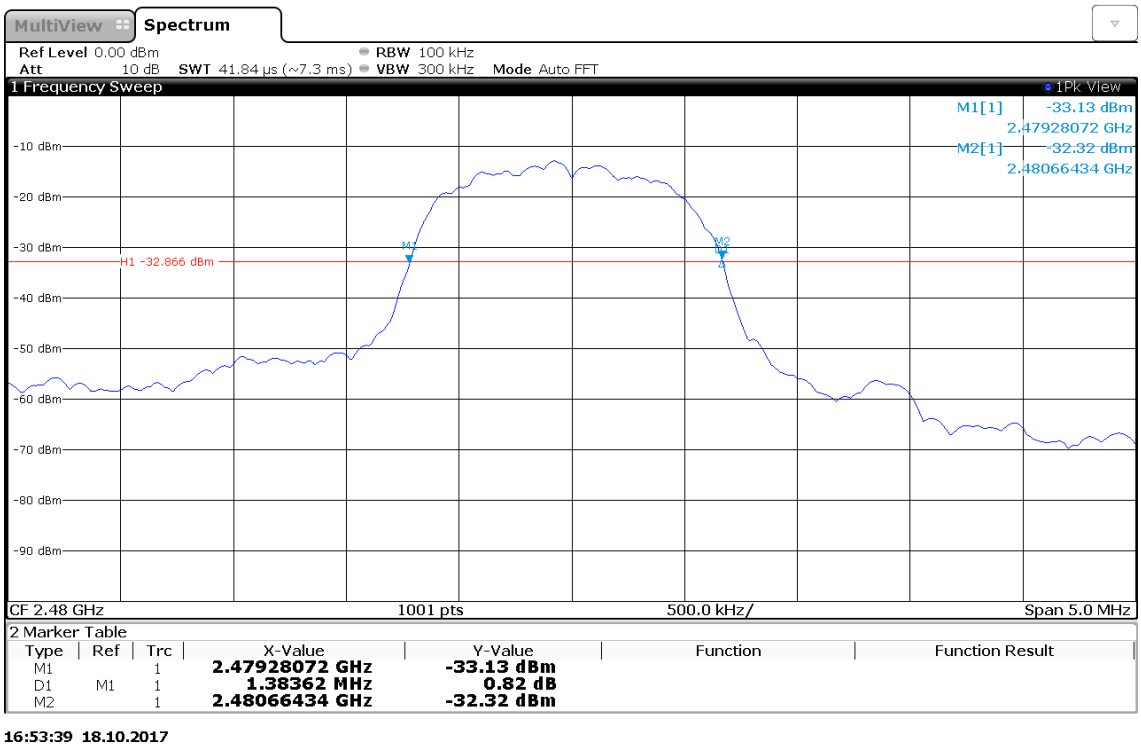
Project Number:	G0M-1709-6878
Applicant	peiker CEE GmbH
Model Description	CEECOACH
Model:	CC2
Test Sample ID:	15515 (BT2)
Reference Standards:	FCC 15.247, RSS-247
Reference Method:	ANSI C63.10:2013, Section 6.9.2
Operational Mode:	3-DH5, Channel: 39, 2441 MHz
Operating Conditions:	Tnom/Vnom
Operator:	A. Al Jamal
Test Site:	Eurofins Product Service GmbH
Test Date:	2017-10-18
Lower Frequency [MHz]:	2440.286
Upper Frequency [MHz]:	2441.664
20 dB Bandwidth [kHz]:	1379



16:53:17 18.10.2017

20 dB Bandwidth

Project Number:	G0M-1709-6878
Applicant	peiker CEE GmbH
Model Description	CEECOACH
Model:	CC2
Test Sample ID:	15515 (BT2)
Reference Standards:	FCC 15.247, RSS-247
Reference Method:	ANSI C63.10:2013, Section 6.9.2
Operational Mode:	3-DH5, Channel: 78, 2480 MHz
Operating Conditions:	Tnom/Vnom
Operator:	A. Al Jamal
Test Site:	Eurofins Product Service GmbH
Test Date:	2017-10-18
Lower Frequency [MHz]:	2479.281
Upper Frequency [MHz]:	2480.664
20 dB Bandwidth [kHz]:	1384



3.3 Test Conditions and Results - Number of hopping frequencies

3.3.1 Information

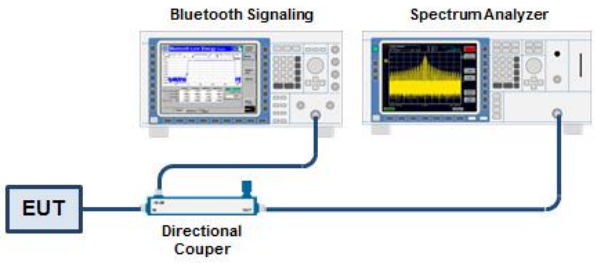
Test Information	
Reference	FCC 15.247(a)(1)(iii) / ISED RSS-247 5.1
Measurement Method	ANSI C63.10 7.8.3
Operator	Abdullah Al Jamal
Date	2017-10-18

3.3.2 Limits

Limits	
Condition	Number of hopping channels
≥ 15	

3.3.3 Setup

Test Setup



3.3.4 Equipment

Test Equipment					
Description	Manufacturer	Model	Identifier	Cal. Date	Cal. Due
CBT Bluetooth Tester	R&S	CBT	EF00358	2017-03	2019-03
Spectrum Analyzer	R&S	FSW 43	EF00896	2017-08	2018-08

3.3.5 Procedure

Test Procedure

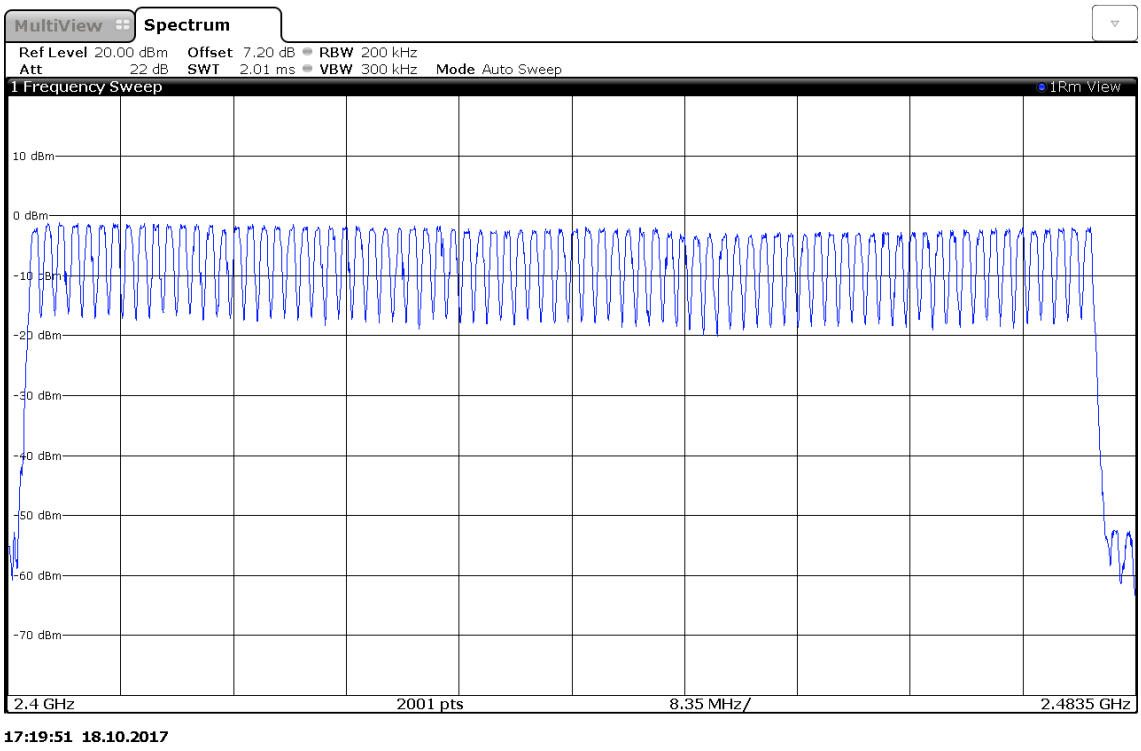
1. EUT set to test mode (Communication tester is used if needed)
2. Span set to measurement frequency range
3. Detector set to peak and max hold
4. Resolution bandwidth is set small enough to resolve hopping channel emission spectra
5. The number of peaks is counted to determine number of hopping frequencies

3.3.6 Results

Test Results		
Number of hopping frequencies	Limit	Margin
79	15	64.00

Number of hopping frequencies

Project Number:	G0M-1709-6878
Applicant	peiker CEE GmbH
Model Description	CEECOACH
Model:	CC2
Test Sample ID:	15515 (BT2)
Reference Standards:	FCC 15.27 (a)(1)(iii)
Reference Method:	ANSI C63.10:2013 7.8.3
Operational Mode:	Bluetooth, DH5, Hopping Mode
Operating Conditions:	Tnom/Vnom
Operator:	A. Al Jamal
Test Site:	Eurofins Product Service GmbH
Test Date:	2017-10-18
Number of Hopping Channels:	79



3.4 Test Conditions and Results - Frequency hopping channel separation

3.4.1 Information

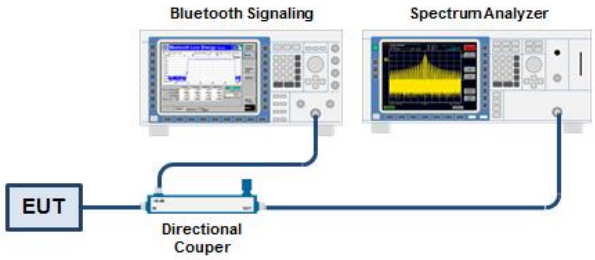
Test Information	
Reference	FCC 15.247(a)(1) / ISED RSS-247 5.1
Measurement Method	ANSI C63.10 7.8.4
Operator	Abdullah Al Jamal
Date	2017-10-18

3.4.2 Limits

Limit
≥ 25 kHz or ⅔ of 20 dB bandwidth

3.4.3 Setup

Test Setup



3.4.4 Equipment

Test Equipment					
Description	Manufacturer	Model	Identifier	Cal. Date	Cal. Due
CBT Bluetooth Tester	R&S	CBT	EF00358	2017-03	2019-03
Spectrum Analyzer	R&S	FSW 43	EF00896	2017-08	2018-08

3.4.5 Procedure

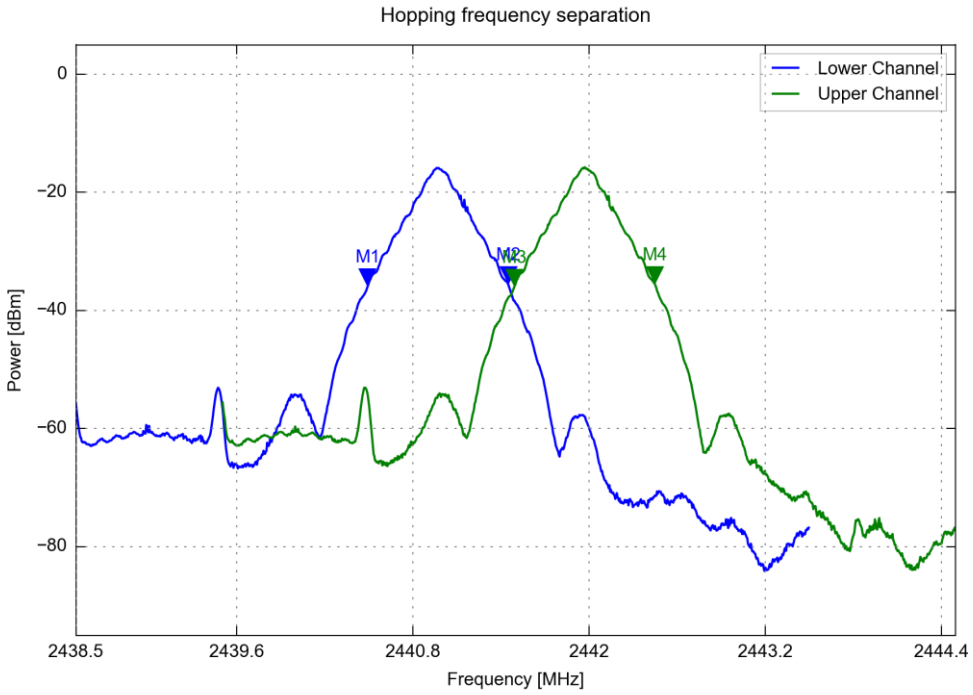
Test Procedure
1. EUT set to test mode (Communication tester is used if needed)
2. Span set to measurement frequency range
3. Detector set to peak and max hold
4. Resolution bandwidth is set small enough to resolve hopping channel emission spectra
5. The two adjacent channel peaks are marked
6. Channel separation is determined from frequency separation of markers

3.4.6 Results

Test Results		
Channel separation [kHz]	Limit [kHz]	Margin [kHz]
1000	752.67	247.33

Hopping frequency separation

Project Number:	G0M-1709-6878
Applicant	peiker CEE GmbH
Model Description	CEECOACH
Model:	CC2
Test Sample ID:	15515 (BT2)
Reference Standards:	FCC 15.247(a)(1)
Reference Method:	ANSI C63.10:2013 7.8.2
Operational Mode:	Bluetooth, DH5, Channels: 2441 + 2442 MHz
Operating Conditions:	Tnom/Vnom
Operator:	A. Al Jamal
Test Site:	Eurofins Product Service GmbH
Test Date:	2017-10-18
Lower Frequency (M1) [MHz]:	2440.491
Upper Frequency (M2) [MHz]:	2441.450
Lower Frequency (M3) [MHz]:	2441.491
Upper Frequency (M4) [MHz]:	2442.450
Lower center Frequency [MHz]:	2440.970
Upper center Frequency [MHz]:	2441.970
Hopping Frequency Separation [MHz]:	1.000



3.5 Test Conditions and Results - Time of occupancy (Dwell time)

3.5.1 Information

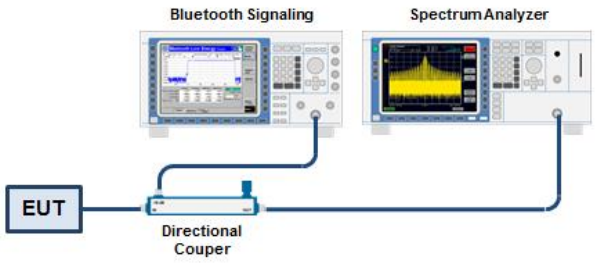
Test Information	
Reference	FCC 15.247(a)(1)(iii) / ISED RSS-247 5.1
Measurement Method	ANSI C63.10 7.8.2
Operator	Abdullah Al Jamal
Date	2017-10-18

3.5.2 Limits

Limits	
Condition	Number of hopping channels
≤ 0.4 s within 0.4 s · Number of hopping channels	

3.5.3 Setup

Test Setup



3.5.4 Equipment

Test Equipment					
Description	Manufacturer	Model	Identifier	Cal. Date	Cal. Due
CBT Bluetooth Tester	R&S	CBT	EF00358	2017-03	2019-03
Spectrum Analyzer	R&S	FSW 43	EF00896	2017-08	2018-08

3.5.5 Procedure

Test Procedure

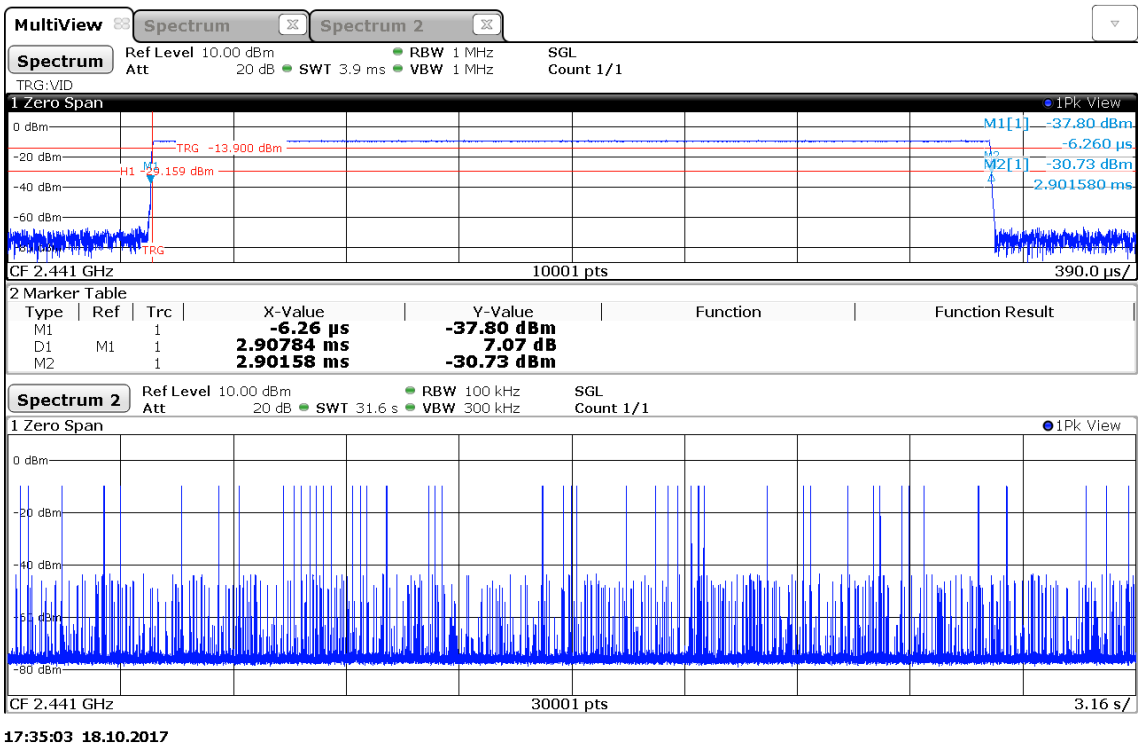
1. EUT set to test hopping mode (Communication tester is used if needed)
2. Analyzer span is set to zero span
3. Detector set to peak and max hold
4. RBW is set to 100 kHz and VBW to 300 kHz
5. The sweep time is set to capture one single dwell time
6. Trigger is set to video trigger
7. A marker is set to the start and end positions of the burst
8. The dwell time is determined from the marker difference
9. Another sweep is initiated without trigger and sweep time set to the observation time
10. The number of hops is counted
11. The total time of occupancy is calculated from the dwell time per hop multiplied by the number of hops

3.5.6 Results

Test Results					
Observation Period [s]	Number of Hops	Dwell time per Hop [s]	Time of occupancy [s]	Limit [s]	Margin [s]
31.6	47	0.002908	0.137	0.4	-00.26

Time of occupancy

Project Number:	G0M-1709-6878
Applicant	peiker CEE GmbH
Model Description	CEECOACH
Model:	CC2
Test Sample ID:	15515 (BT2)
Reference Method:	ANSI C63.10:2013 7.8.4
Operational Mode:	DH5, Hopping mode
Operating Conditions:	Tnom/Vnom
Operator:	A. Al Jamal
Test Site:	Eurofins Product Service GmbH
Test Date:	2017-10-18
Dwell Time per Hop [ms]:	2.908
Number of Hops:	47
Time of occupancy [s]:	0.137



3.6 Test Conditions and Results - Maximum peak conducted output power

3.6.1 Information

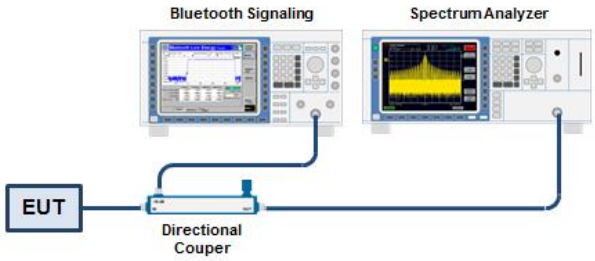
Test Information	
Reference	FCC 15.247(b)(1) / ISED RSS-247 5.4
Measurement Method	ANSI C63.10 7.8.5
Operator	Abdullah Al Jamal
Date	2017-10-18

3.6.2 Limits

Limits	
Condition	Power
Number of hopping channels ≥ 75	1 W (30 dBm)
75 > Number of hopping channels ≥ 15	0.125 W (21 dBm)
The conducted output power limit specified above is based on the use of antennas with directional gains that do not exceed 6 dBi. If transmitting antennas of directional gain greater than 6 dBi are used, the conducted output power from the intentional radiator shall be reduced below the stated values in the table, as appropriate, by the amount in dB that the directional gain of the antenna exceeds 6 dBi.	

3.6.3 Setup

Test Setup



3.6.4 Equipment

Test Equipment					
Description	Manufacturer	Model	Identifier	Cal. Date	Cal. Due
CBT Bluetooth Tester	R&S	CBT	EF00358	2017-03	2019-03
Spectrum Analyzer	R&S	FSW 43	EF00896	2017-08	2018-08

3.6.5 Procedure

Test Procedure

1. EUT set to test hopping mode (Communication tester is used if needed)
2. Analyzer resolution bandwidth is set ≥ DTS bandwidth
3. Detector set to peak and max hold
4. Sweep time is set to auto
5. After the trace has stabilized a marker is set to peak of envelope

3.6.6 Results

Test Results - DH5				
Channel [MHz]	Power [dBm]	Power [W]	Limit [W]	Verdict
2402	-1.666	0.0007	1.0	PASS
2441	-1.753	0.0007	1.0	PASS
2480	-1.533	0.0007	1.0	PASS

Test Results - 2-DH5				
Channel [MHz]	Power [dBm]	Power [W]	Limit [W]	Verdict
2402	-2.500	0.0006	1.0	PASS
2441	-2.462	0.0006	1.0	PASS
2480	-2.288	0.0006	1.0	PASS

Test Results - 3-DH5				
Channel [MHz]	Power [dBm]	Power [W]	Limit [W]	Verdict
2402	-1.823	0.0007	1.0	PASS
2441	-1.813	0.0007	1.0	PASS
2480	-1.627	0.0007	1.0	PASS

3.7 Test Conditions and Results - AC powerline conducted emissions

3.7.1 Information

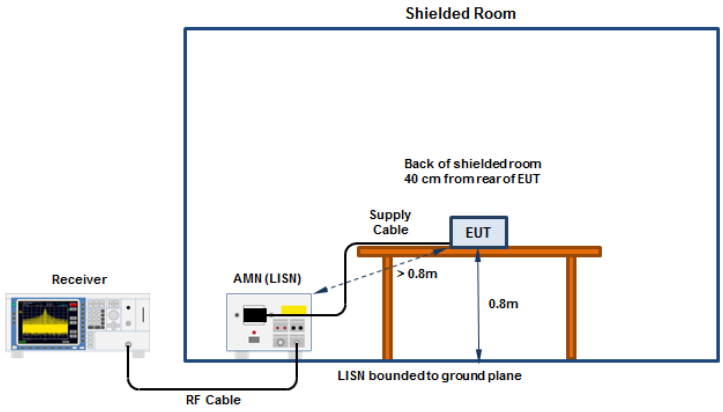
Test Information	
Reference	FCC 15.207
Measurement Method	ANSI C63.10 6.2
Operator	Abdullah Al Jamal
Date	2017-10-24

3.7.2 Limits

Limits		
Frequency [MHz]	Quasi-Peak [dBµV]	Average [dBµV]
0.15 - 0.5	66 - 56*	56 - 46*
0.5 - 5	56	46
5 - 30	60	50
* Limit decreases linearly with the logarithm of the frequency		

3.7.3 Setup

Test Setup



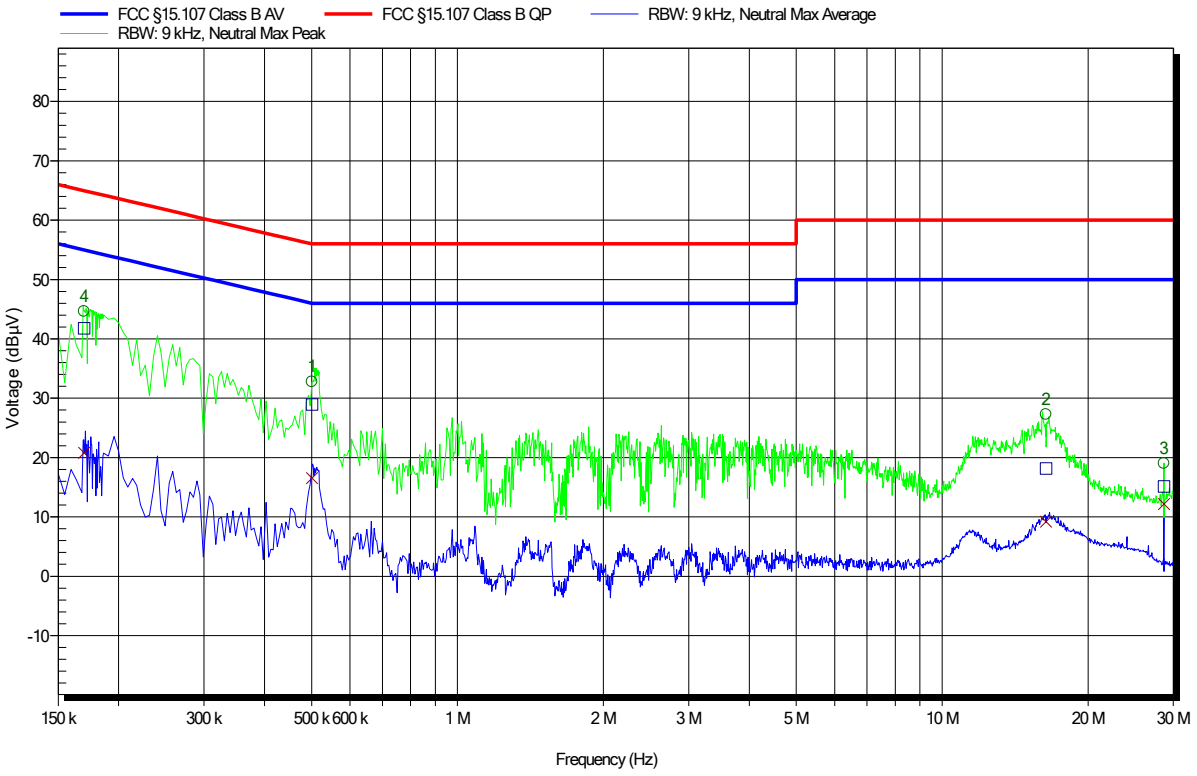
3.7.4 Equipment

Test Equipment					
Description	Manufacturer	Model	Identifier	Cal. Date	Cal. Due
EMI Receiver	R&S	ESU 26	EF00241	2017-07	2019-07
LISN	R&S	ESH2-Z5	EF00182	2017-01	2019-01

EMI voltage test in the ac-mains according to FCC 15B

Project number:	G0M-1709-6878
Applicant:	peiker CEE GmbH
EUT Name:	CEECOACH
Model:	CC2
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. A. Al Jamal
Test Conditions:	Tnom: 23.6°C, Unom: 5.0 VDC supplied via AC/DC-Adaptor connected to 120 VAC/60 Hz
LISN:	ESH2-Z5 N
Mode:	BT1 (2402 MHz) und BT2 (2441 MHz); AC/DC-Adapter
Test Date:	2017-10-24
Note:	

Index 3



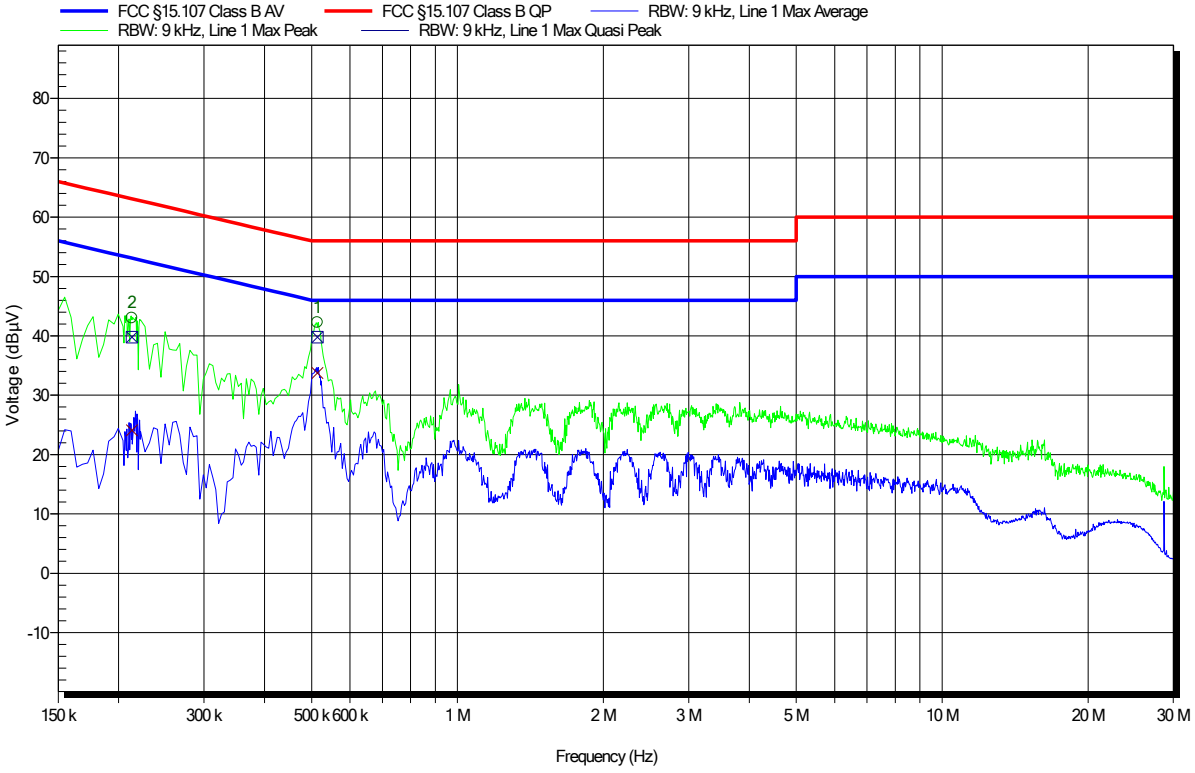
Peak Number	Frequency	Quasi-Peak	Quasi-Peak Limit	Quasi-Peak Difference	Quasi-Peak Status
1	501 kHz	28.94 dBµV	56 dBµV	-27.06 dB	Pass
2	16.377 MHz	18.17 dBµV	60 dBµV	-41.83 dB	Pass
3	28.671 MHz	15.15 dBµV	60 dBµV	-44.85 dB	Pass
4	169.8 kHz	41.77 dBµV	64.97 dBµV	-23.2 dB	Pass

Peak Number	Frequency	Average	Average Limit	Average Difference	Average Status
1	501 kHz	16.53 dBµV	46 dBµV	-29.47 dB	Pass
2	16.377 MHz	9.22 dBµV	50 dBµV	-40.78 dB	Pass
3	28.671 MHz	12.15 dBµV	50 dBµV	-37.85 dB	Pass
4	169.8 kHz	20.81 dBµV	54.97 dBµV	-34.16 dB	Pass

EMI voltage test in the ac-mains according to FCC 15B

Project number:	G0M-1709-6878
Applicant:	peiker CEE GmbH
EUT Name:	CEECOACH
Model:	CC2
Test Site:	Eurofins Product Service GmbH
Operator:	Mr. A. Al Jamal
Test Conditions:	Tnom: 23.6°C, Unom: 5.0 VDC supplied via AC/DC-Adaptor connected to 120 VAC/60 Hz
LISN:	ESH2-Z5 L
Mode:	BT1 (2402 MHz) und BT2 (2441 MHz); AC/DC-Adapter
Test Date:	2017-10-24
Note:	

Index 4



Peak Number	Frequency	Quasi-Peak	Quasi-Peak Limit	Quasi-Peak Difference	Quasi-Peak Status
1	514.5 kHz	39.78 dBµV	56 dBµV	-16.22 dB	Pass
2	213 kHz	39.79 dBµV	63.09 dBµV	-23.3 dB	Pass

Peak Number	Frequency	Average	Average Limit	Average Difference	Average Status
1	514.5 kHz	33.72 dBµV	46 dBµV	-12.28 dB	Pass
2	213 kHz	24.06 dBµV	53.09 dBµV	-29.03 dB	Pass

3.8 Test Conditions and Results - Band-edge compliance

3.8.1 Information

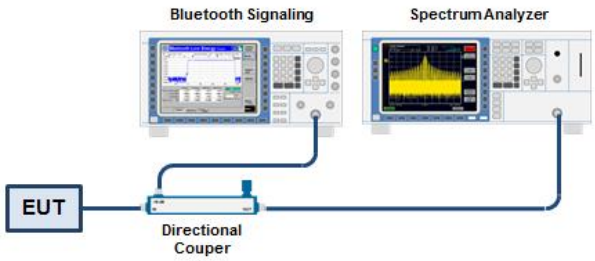
Test Information	
Reference	FCC 15.247(d) / ISED RSS-247 5.5
Measurement Method	ANSI C63.10 6.10
Operator	Abdullah Al Jamal
Date	2017-10-18

3.8.2 Limits

Limits	
Power Measurement	Out-of-band attenuation [dB]
Peak	20
RMS	30

3.8.3 Setup

Test Setup



3.8.4 Equipment

Test Equipment					
Description	Manufacturer	Model	Identifier	Cal. Date	Cal. Due
CBT Bluetooth Tester	R&S	CBT	EF00358	2017-03	2019-03
Spectrum Analyzer	R&S	FSW 43	EF00896	2017-08	2018-08

3.8.5 Procedure

Test Procedure

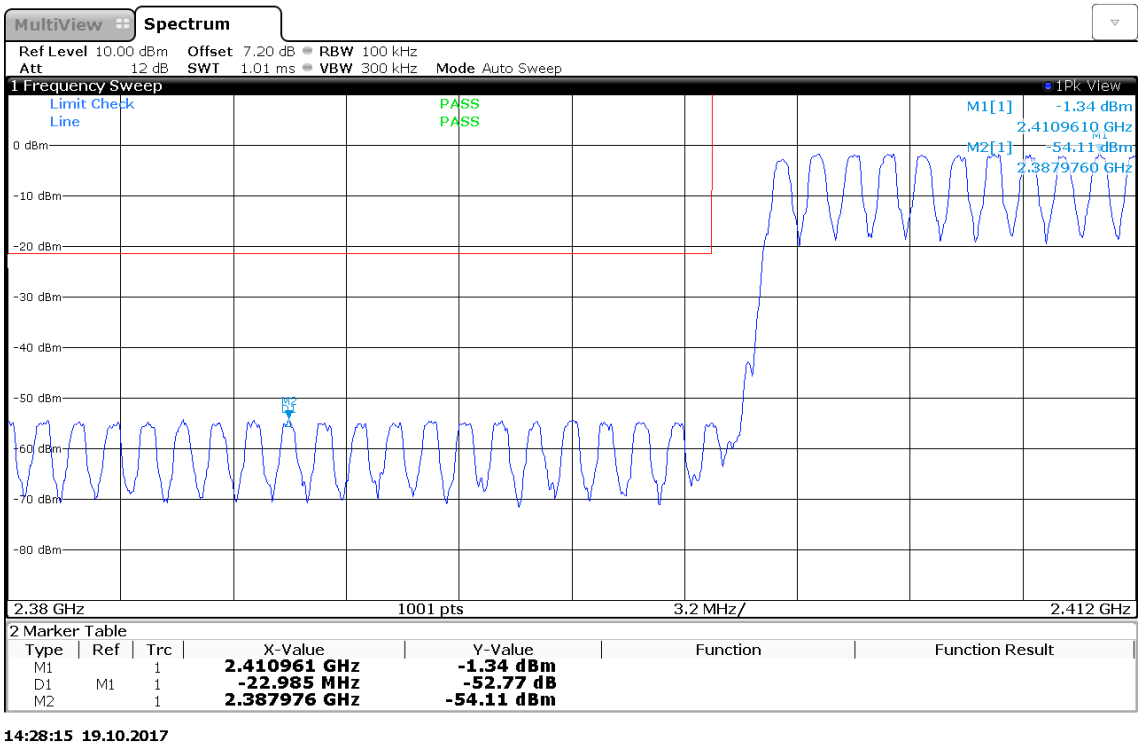
1. EUT set to test mode (Communication tester is used if needed)
2. Span set around lower band edge and detector is set to peak and max hold
3. Resolution bandwidth is set to 100 kHz
4. Markers are set to peak emission levels within frequency band and outside frequency band
5. Band edge attenuation is determined from level difference

3.8.6 Results

Test Results				
Mode	Channel [MHz]	Out-of-band Attenuation [dB]	Limit [dB]	Verdict
DH5 single	2402	-50.88	-20	PASS
DH5 single	2480	-58.16	-20	PASS
DH5 hopping	2402	-52.77	-20	PASS
DH5 hopping	2480	-49.55	-20	PASS
2-DH5 single	2402	-38.70	-20	PASS
2-DH5 single	2480	-58.54	-20	PASS
2-DH5 hopping	2402	-40.31	-20	PASS
2-DH5 hopping	2480	-48.91	-20	PASS
3-DH5 single	2402	-38.64	-20	PASS
3-DH5 single	2480	-58.08	-20	PASS
3-DH5 hopping	2402	-40.31	-20	PASS
3-DH5 hopping	2480	-48.90	-20	PASS

Band-edge Compliance

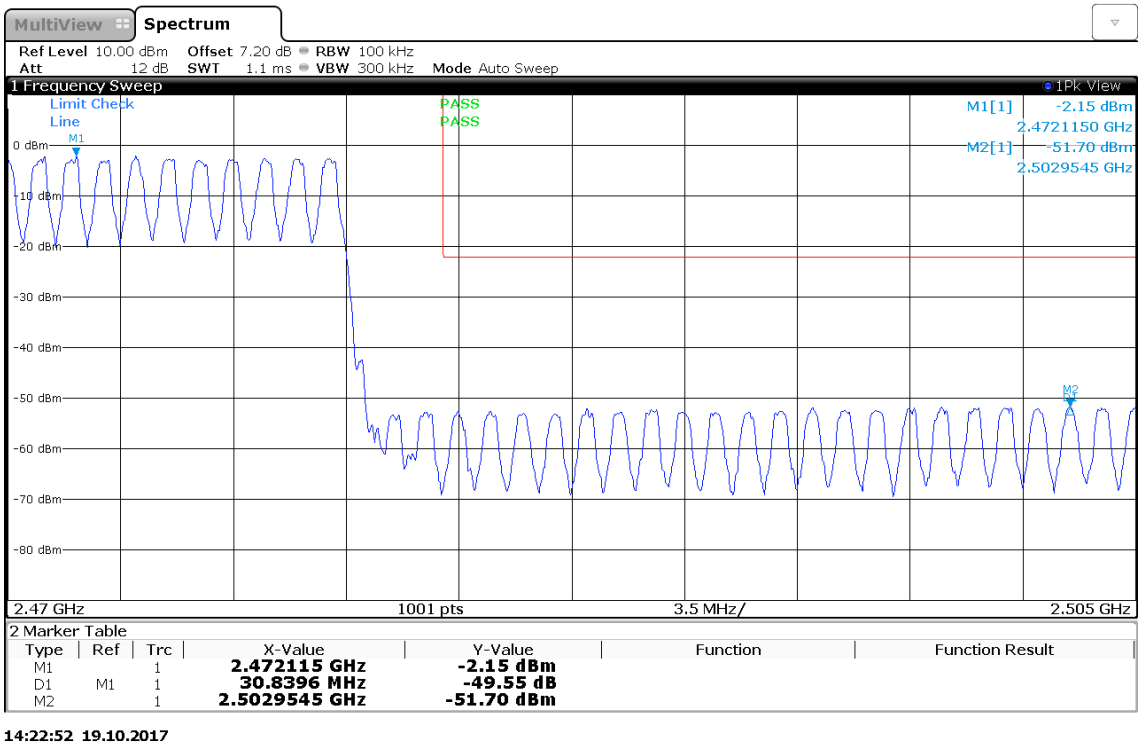
Project Number:	G0M-1709-6878
Applicant	peiker CEE GmbH
Model Description	CEECOACH
Model:	CC2
Test Sample ID:	15515 (BT2)
Reference Standards:	FCC 15.247, RSS-247
Reference Method:	ANSI C63.10:2013, Section 7.8.6, 6.10.4
Operational Mode:	DH5, Hopping
Operating Conditions:	Tnom/Vnom
Operator:	A. Al Jamal
Test Site:	Eurofins Product Service GmbH
Test Date:	2017-10-19
Band-edge	Lower
In-band Frequency [MHz]:	2410.961
Max. in-band Level [dBm/100 kHz]:	-1.338
Out-of-band Frequency [MHz]:	2387.976
Max. out-of-band Level [dBm/100 kHz]:	-54.112
Attenuation [dB]:	-52.77



14:28:15 19.10.2017

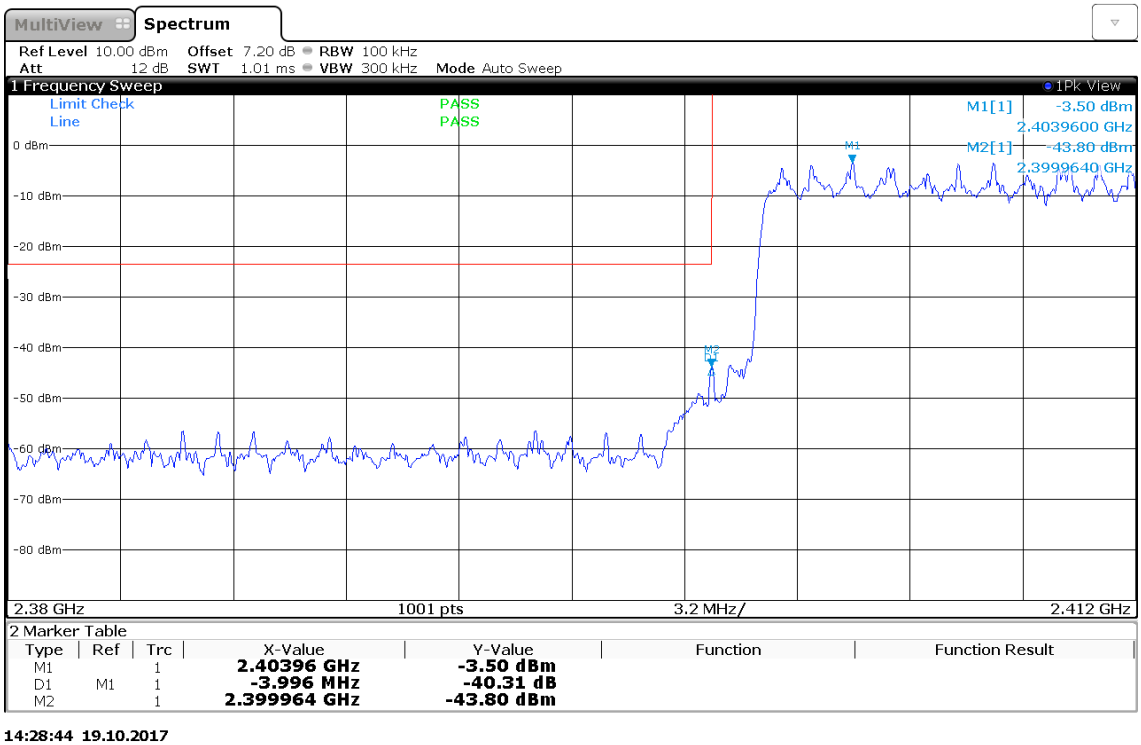
Band-edge Compliance

Project Number:	G0M-1709-6878
Applicant	peiker CEE GmbH
Model Description	CEECOACH
Model:	CC2
Test Sample ID:	15515 (BT2)
Reference Standards:	FCC 15.247, RSS-247
Reference Method:	ANSI C63.10:2013, Section 7.8.6, 6.10.4
Operational Mode:	DH5, Hopping
Operating Conditions:	Tnom/Vnom
Operator:	A. Al Jamal
Test Site:	Eurofins Product Service GmbH
Test Date:	2017-10-19
Band-edge	Upper
In-band Frequency [MHz]:	2472.115
Max. in-band Level [dBm/100 kHz]:	-2.152
Out-of-band Frequency [MHz]:	2502.955
Max. out-of-band Level [dBm/100 kHz]:	-51.704
Attenuation [dB]:	-49.55



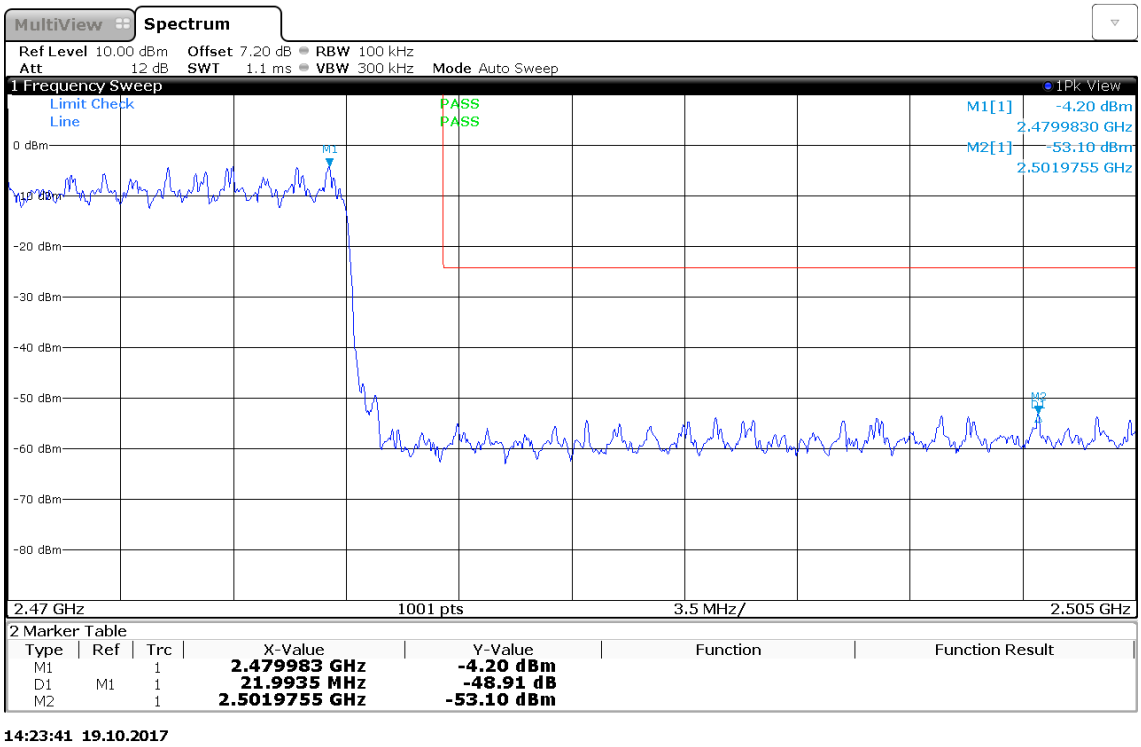
Band-edge Compliance

Project Number:	G0M-1709-6878
Applicant	peiker CEE GmbH
Model Description	CEECOACH
Model:	CC2
Test Sample ID:	15515 (BT2)
Reference Standards:	FCC 15.247, RSS-247
Reference Method:	ANSI C63.10:2013, Section 7.8.6, 6.10.4
Operational Mode:	2-DH5, Hopping
Operating Conditions:	Tnom/Vnom
Operator:	A. Al Jamal
Test Site:	Eurofins Product Service GmbH
Test Date:	2017-10-19
Band-edge	Lower
In-band Frequency [MHz]:	2403.96
Max. in-band Level [dBm/100 kHz]:	-3.498
Out-of-band Frequency [MHz]:	2399.964
Max. out-of-band Level [dBm/100 kHz]:	-43.804
Attenuation [dB]:	-40.31



Band-edge Compliance

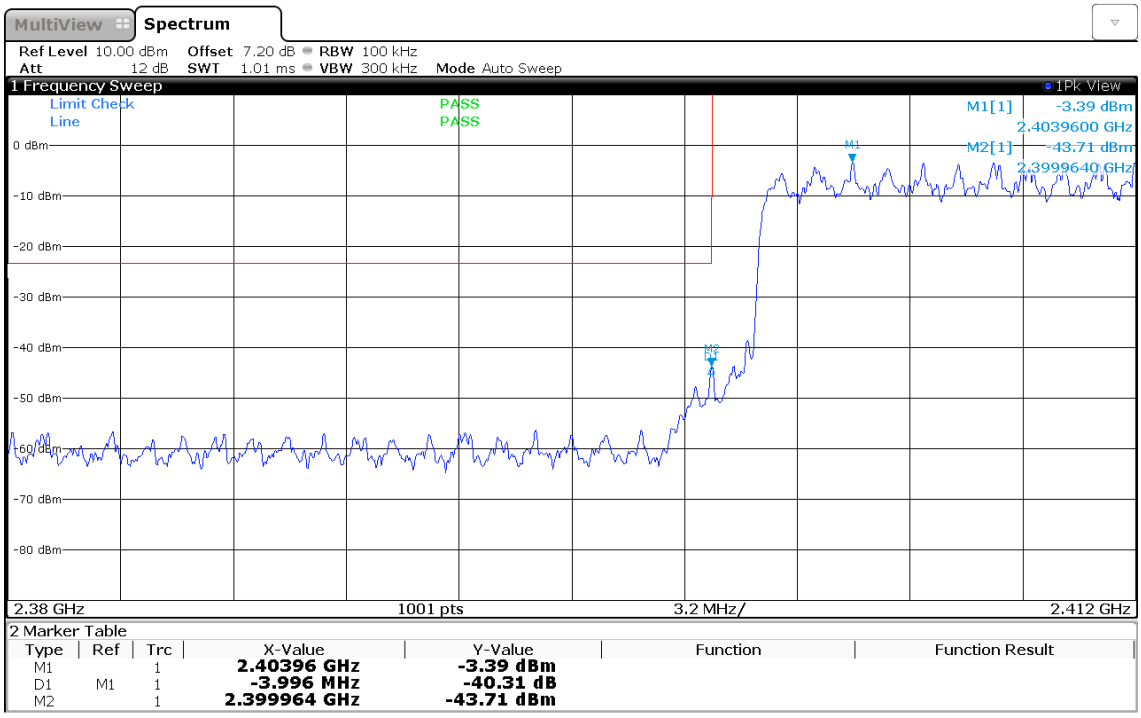
Project Number:	G0M-1709-6878
Applicant	peiker CEE GmbH
Model Description	CEECOACH
Model:	CC2
Test Sample ID:	15515 (BT2)
Reference Standards:	FCC 15.247, RSS-247
Reference Method:	ANSI C63.10:2013, Section 7.8.6, 6.10.4
Operational Mode:	2-DH5, Hopping
Operating Conditions:	Tnom/Vnom
Operator:	A. Al Jamal
Test Site:	Eurofins Product Service GmbH
Test Date:	2017-10-19
Band-edge	Upper
In-band Frequency [MHz]:	2479.983
Max. in-band Level [dBm/100 kHz]:	-4.197
Out-of-band Frequency [MHz]:	2501.976
Max. out-of-band Level [dBm/100 kHz]:	-53.104
Attenuation [dB]:	-48.91



14:23:41 19.10.2017

Band-edge Compliance

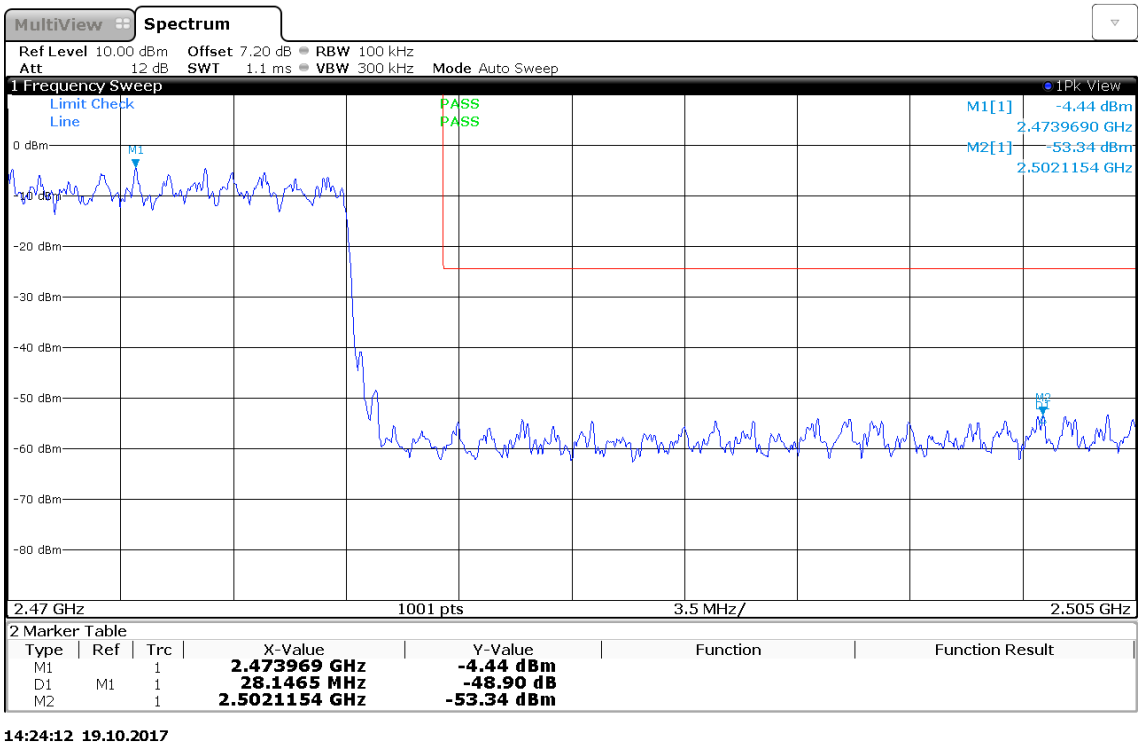
Project Number:	G0M-1709-6878
Applicant	peiker CEE GmbH
Model Description	CEECOACH
Model:	CC2
Test Sample ID:	15515 (BT2)
Reference Standards:	FCC 15.247, RSS-247
Reference Method:	ANSI C63.10:2013, Section 7.8.6, 6.10.4
Operational Mode:	3-DH5, Hopping
Operating Conditions:	Tnom/Vnom
Operator:	A. Al Jamal
Test Site:	Eurofins Product Service GmbH
Test Date:	2017-10-19
Band-edge	Lower
In-band Frequency [MHz]:	2403.96
Max. in-band Level [dBm/100 kHz]:	-3.391
Out-of-band Frequency [MHz]:	2399.964
Max. out-of-band Level [dBm/100 kHz]:	-43.705
Attenuation [dB]:	-40.31



14:29:16 19.10.2017

Band-edge Compliance

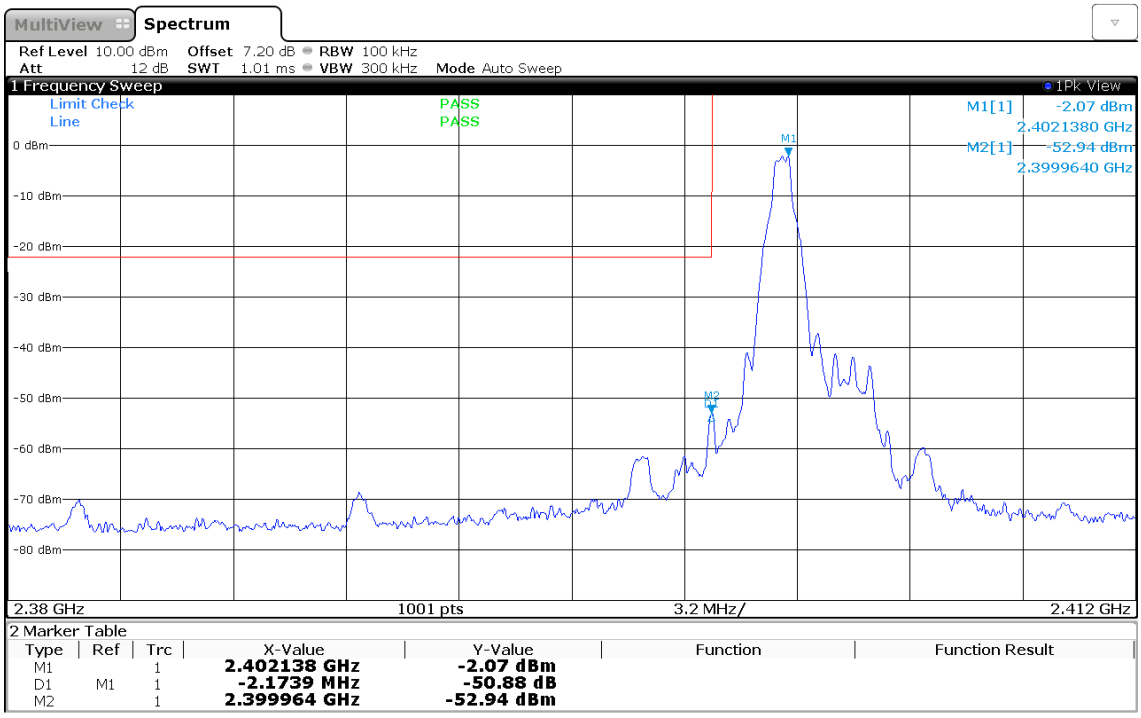
Project Number:	G0M-1709-6878
Applicant	peiker CEE GmbH
Model Description	CEECOACH
Model:	CC2
Test Sample ID:	15515 (BT2)
Reference Standards:	FCC 15.247, RSS-247
Reference Method:	ANSI C63.10:2013, Section 7.8.6, 6.10.4
Operational Mode:	3-DH5, Hopping
Operating Conditions:	Tnom/Vnom
Operator:	A. Al Jamal
Test Site:	Eurofins Product Service GmbH
Test Date:	2017-10-19
Band-edge	Upper
In-band Frequency [MHz]:	2473.969
Max. in-band Level [dBm/100 kHz]:	-4.443
Out-of-band Frequency [MHz]:	2502.115
Max. out-of-band Level [dBm/100 kHz]:	-53.344
Attenuation [dB]:	-48.9



14:24:12 19.10.2017

Band-edge Compliance

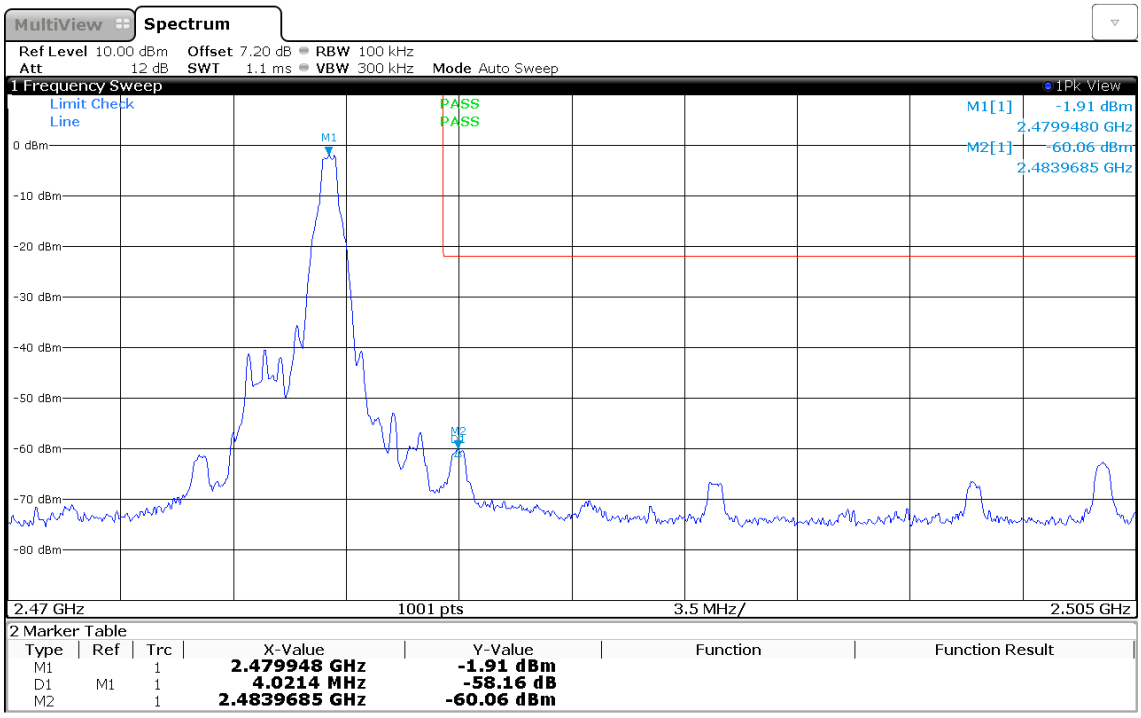
Project Number:	G0M-1709-6878
Applicant	peiker CEE GmbH
Model Description	CEECOACH
Model:	CC2
Test Sample ID:	15515 (BT2)
Reference Standards:	FCC 15.247, RSS-247
Reference Method:	ANSI C63.10:2013, Section 7.8.6, 6.10.4
Operational Mode:	DH5, Channel: 0, 2402 MHz
Operating Conditions:	Tnom/Vnom
Operator:	A. Al Jamal
Test Site:	Eurofins Product Service GmbH
Test Date:	2017-10-19
Band-edge	Lower
In-band Frequency [MHz]:	2402.138
Max. in-band Level [dBm/100 kHz]:	-2.066
Out-of-band Frequency [MHz]:	2399.964
Max. out-of-band Level [dBm/100 kHz]:	-52.943
Attenuation [dB]:	-50.88



14:26:31 19.10.2017

Band-edge Compliance

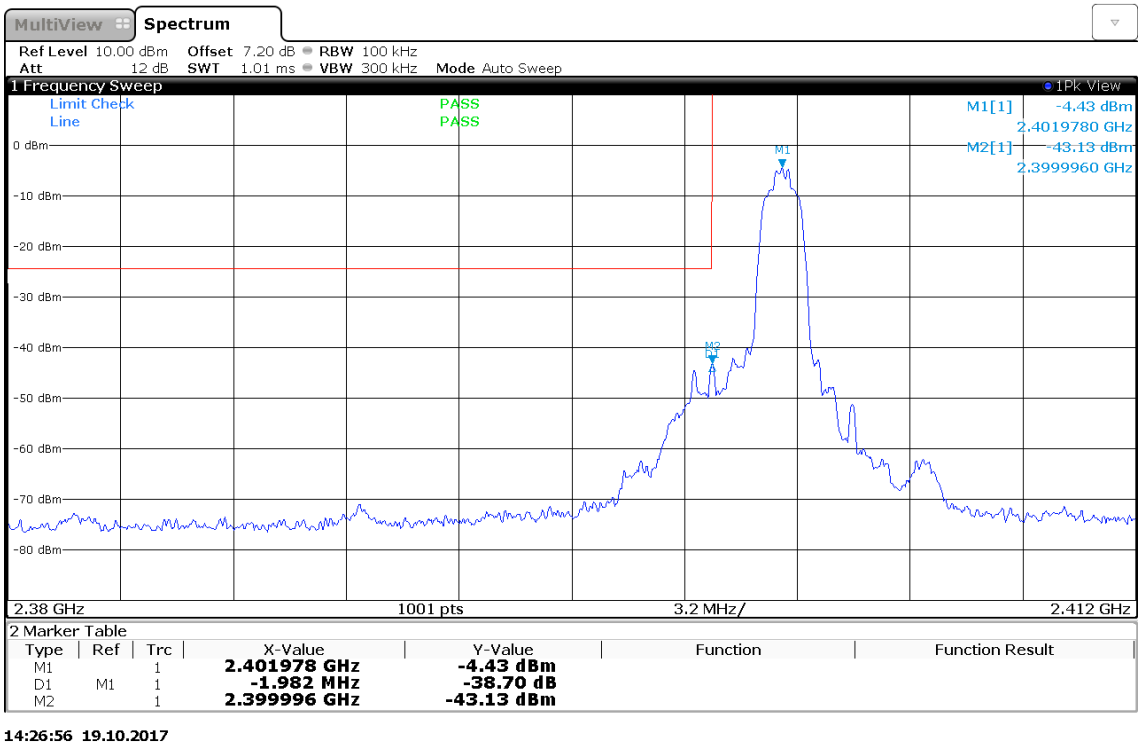
Project Number:	G0M-1709-6878
Applicant	peiker CEE GmbH
Model Description	CEECOACH
Model:	CC2
Test Sample ID:	15515 (BT2)
Reference Standards:	FCC 15.247, RSS-247
Reference Method:	ANSI C63.10:2013, Section 7.8.6, 6.10.4
Operational Mode:	DH5, Channel: 78, 2480 MHz
Operating Conditions:	Tnom/Vnom
Operator:	A. Al Jamal
Test Site:	Eurofins Product Service GmbH
Test Date:	2017-10-19
Band-edge	Upper
In-band Frequency [MHz]:	2479.948
Max. in-band Level [dBm/100 kHz]:	-1.908
Out-of-band Frequency [MHz]:	2483.969
Max. out-of-band Level [dBm/100 kHz]:	-60.064
Attenuation [dB]:	-58.16



14:20:52 19.10.2017

Band-edge Compliance

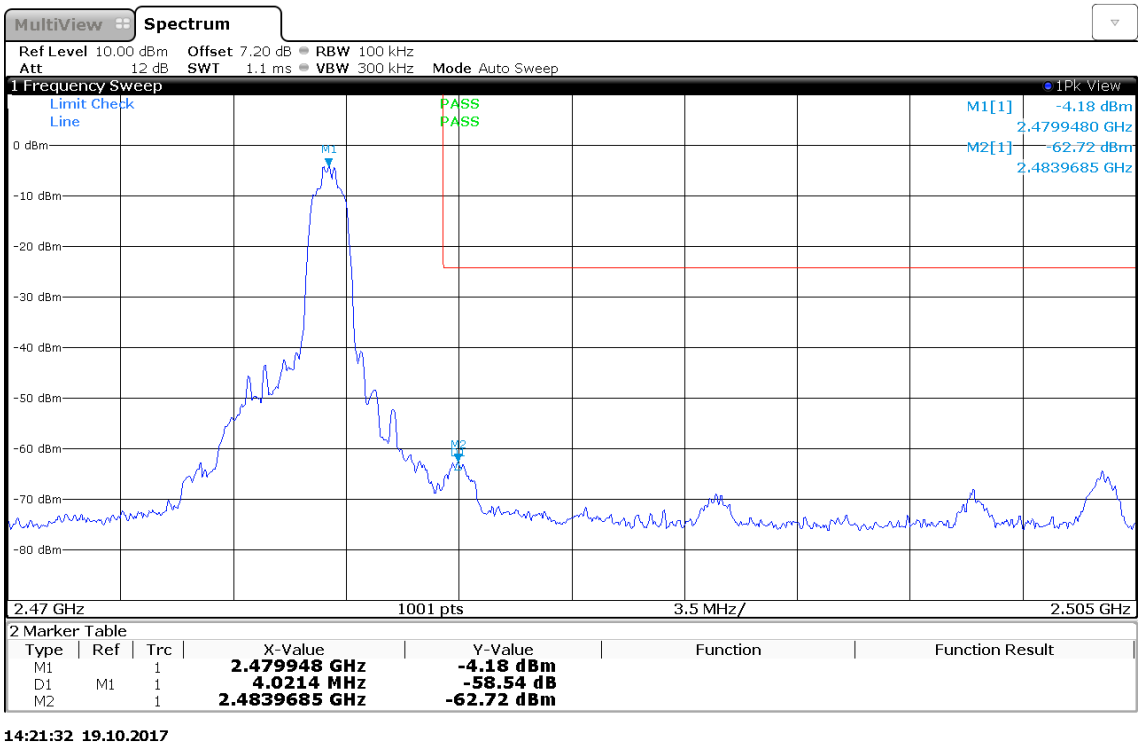
Project Number:	G0M-1709-6878
Applicant	peiker CEE GmbH
Model Description	CEECOACH
Model:	CC2
Test Sample ID:	15515 (BT2)
Reference Standards:	FCC 15.247, RSS-247
Reference Method:	ANSI C63.10:2013, Section 7.8.6, 6.10.4
Operational Mode:	2-DH5, Channel: 0, 2402 MHz
Operating Conditions:	Tnom/Vnom
Operator:	A. Al Jamal
Test Site:	Eurofins Product Service GmbH
Test Date:	2017-10-19
Band-edge	Lower
In-band Frequency [MHz]:	2401.978
Max. in-band Level [dBm/100 kHz]:	-4.431
Out-of-band Frequency [MHz]:	2399.996
Max. out-of-band Level [dBm/100 kHz]:	-43.127
Attenuation [dB]:	-38.7



14:26:56 19.10.2017

Band-edge Compliance

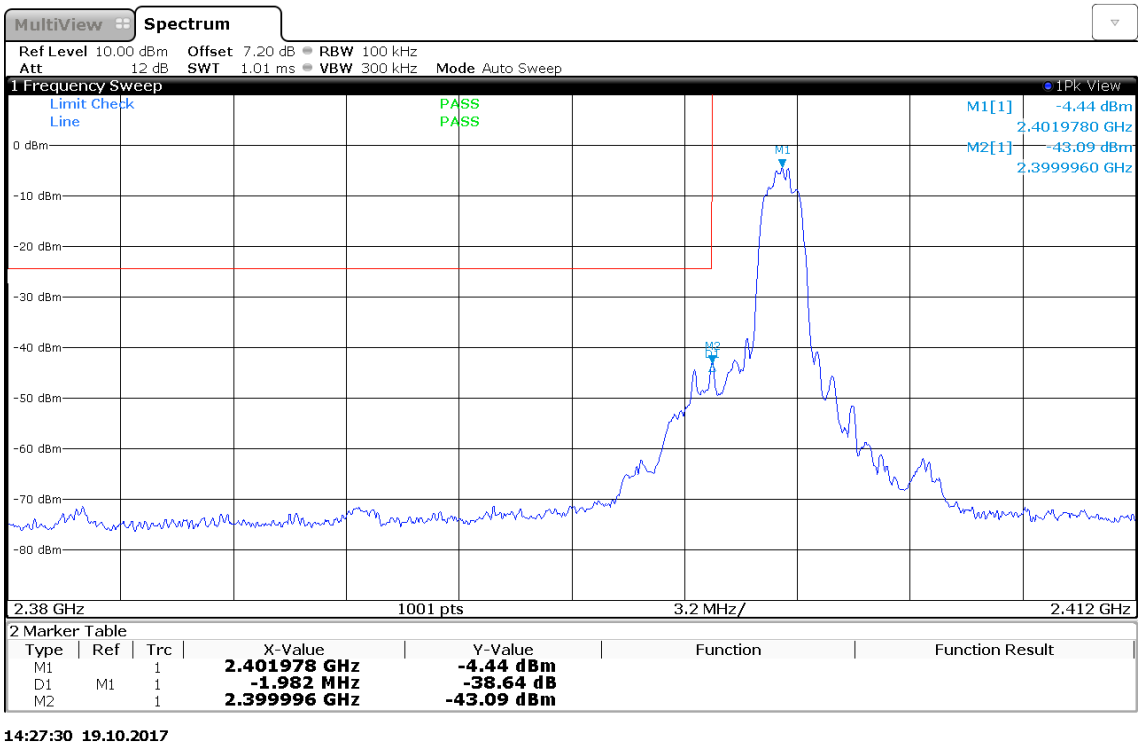
Project Number:	G0M-1709-6878
Applicant	peiker CEE GmbH
Model Description	CEECOACH
Model:	CC2
Test Sample ID:	15515 (BT2)
Reference Standards:	FCC 15.247, RSS-247
Reference Method:	ANSI C63.10:2013, Section 7.8.6, 6.10.4
Operational Mode:	2-DH5, Channel: 78, 2480 MHz
Operating Conditions:	Tnom/Vnom
Operator:	A. Al Jamal
Test Site:	Eurofins Product Service GmbH
Test Date:	2017-10-19
Band-edge	Upper
In-band Frequency [MHz]:	2479.948
Max. in-band Level [dBm/100 kHz]:	-4.175
Out-of-band Frequency [MHz]:	2483.969
Max. out-of-band Level [dBm/100 kHz]:	-62.717
Attenuation [dB]:	-58.54



14:21:32 19.10.2017

Band-edge Compliance

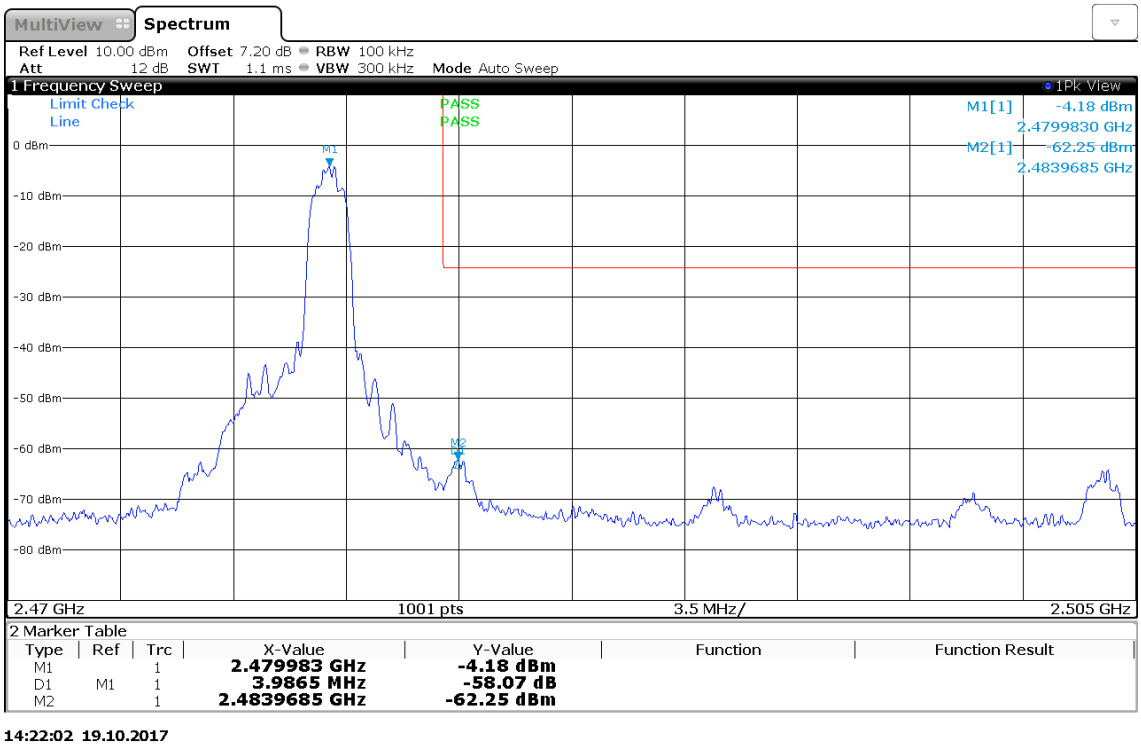
Project Number:	G0M-1709-6878
Applicant	peiker CEE GmbH
Model Description	CEECOACH
Model:	CC2
Test Sample ID:	15515 (BT2)
Reference Standards:	FCC 15.247, RSS-247
Reference Method:	ANSI C63.10:2013, Section 7.8.6, 6.10.4
Operational Mode:	3-DH5, Channel: 0, 2402 MHz
Operating Conditions:	Tnom/Vnom
Operator:	A. Al Jamal
Test Site:	Eurofins Product Service GmbH
Test Date:	2017-10-19
Band-edge	Lower
In-band Frequency [MHz]:	2401.978
Max. in-band Level [dBm/100 kHz]:	-4.443
Out-of-band Frequency [MHz]:	2399.996
Max. out-of-band Level [dBm/100 kHz]:	-43.087
Attenuation [dB]:	-38.64



14:27:30 19.10.2017

Band-edge Compliance

Project Number:	G0M-1709-6878
Applicant	peiker CEE GmbH
Model Description	CEECOACH
Model:	CC2
Test Sample ID:	15515 (BT2)
Reference Standards:	FCC 15.247, RSS-247
Reference Method:	ANSI C63.10:2013, Section 7.8.6, 6.10.4
Operational Mode:	3-DH5, Channel: 78, 2480 MHz
Operating Conditions:	Tnom/Vnom
Operator:	A. Al Jamal
Test Site:	Eurofins Product Service GmbH
Test Date:	2017-10-19
Band-edge	Upper
In-band Frequency [MHz]:	2479.983
Max. in-band Level [dBm/100 kHz]:	-4.18
Out-of-band Frequency [MHz]:	2483.969
Max. out-of-band Level [dBm/100 kHz]:	-62.255
Attenuation [dB]:	-58.08



3.9 Test Conditions and Results - Conducted spurious emissions

3.9.1 Information

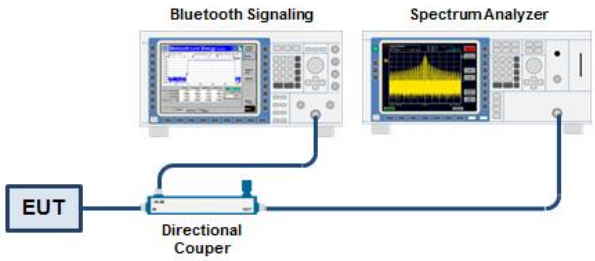
Test Information	
Reference	FCC 15.247(d) / ISED RSS-247 5.5
Measurement Method	ANSI C63.10 6.10
Operator	Abdullah Al Jamal
Date	2017-10-18

3.9.2 Limits

Limits	
Power Measurement	Out-of-band attenuation [dB]
Peak	20
RMS	30

3.9.3 Setup

Test Setup



3.9.4 Equipment

Test Equipment					
Description	Manufacturer	Model	Identifier	Cal. Date	Cal. Due
CBT Bluetooth Tester	R&S	CBT	EF00358	2017-03	2019-03
Spectrum Analyzer	R&S	FSW 43	EF00896	2017-08	2018-08

3.9.5 Procedure

Test Procedure

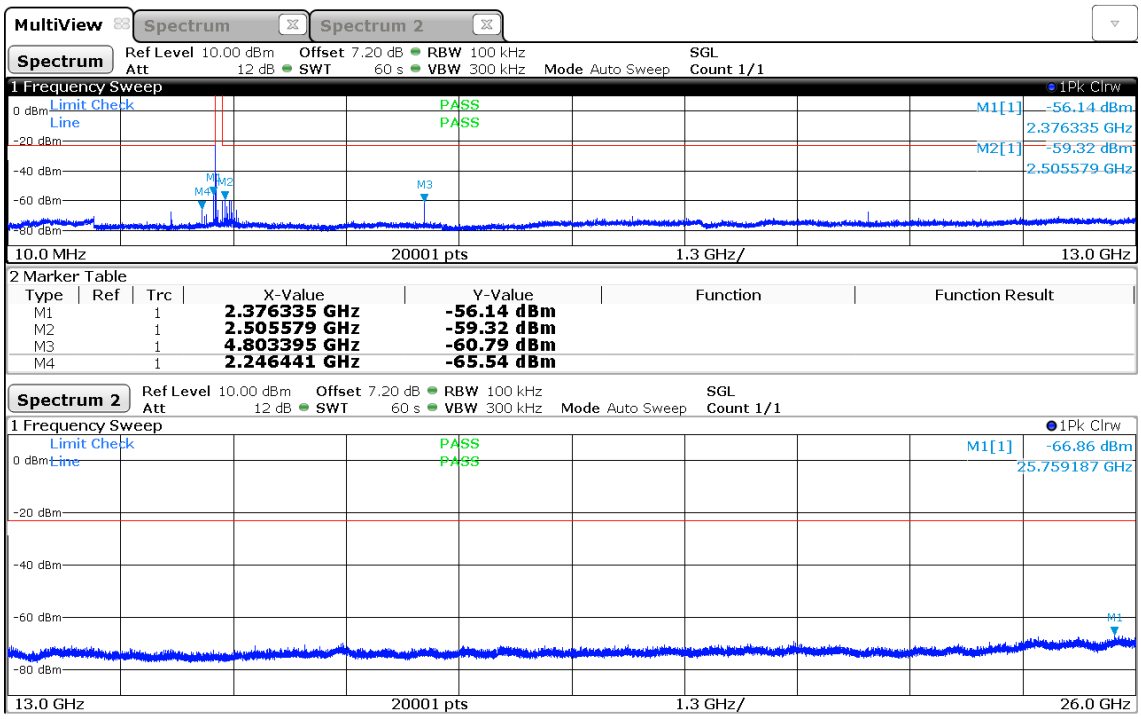
1. EUT set to test mode (Communication tester is used if needed)
2. Span set around lower band edge and detector is set to peak and max hold
3. Resolution bandwidth is set to 100 kHz
4. Markers are set to peak emission levels within frequency band and outside frequency band
5. Band edge attenuation is determined from level difference

3.9.6 Results

Test Results		
Mode	Channel [MHz]	Verdict
DH5	2402	PASS
DH5	2441	PASS
DH5	2480	PASS
2-DH5	2402	PASS
2-DH5	2441	PASS
2-DH5	2480	PASS
3-DH5	2402	PASS
3-DH5	2441	PASS
3-DH5	2480	PASS

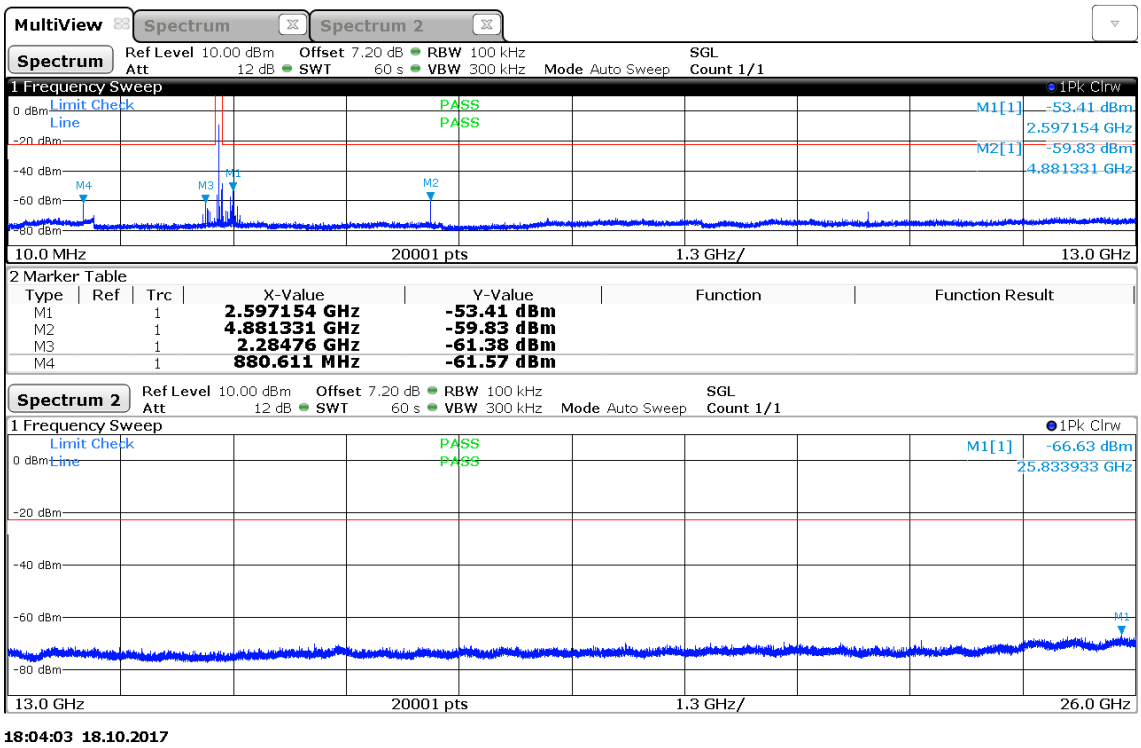
Conducted Spurious Emissions

Project Number:	G0M-1709-6878
Applicant	peiker CEE GmbH
Model Description	CEECOACH
Model:	CC2
Test Sample ID:	15515 (BT2)
Reference Standards:	FCC 15.247, RSS-247
Reference Method:	ANSI C63.10:2013, Section 7.8.8
Operational Mode:	DH5, Channel: 0, 2402 MHz
Operating Conditions:	Tnom/Vnom
Operator:	A. Al Jamal
Test Site:	Eurofins Product Service GmbH
Test Date:	2017-10-18
Max. in-band Frequency [MHz]:	2401.9
Max. in-band Level [dBm/100 kHz]:	-2.9
Out-of-band Limit [dBm/100 kHz]:	-22.9



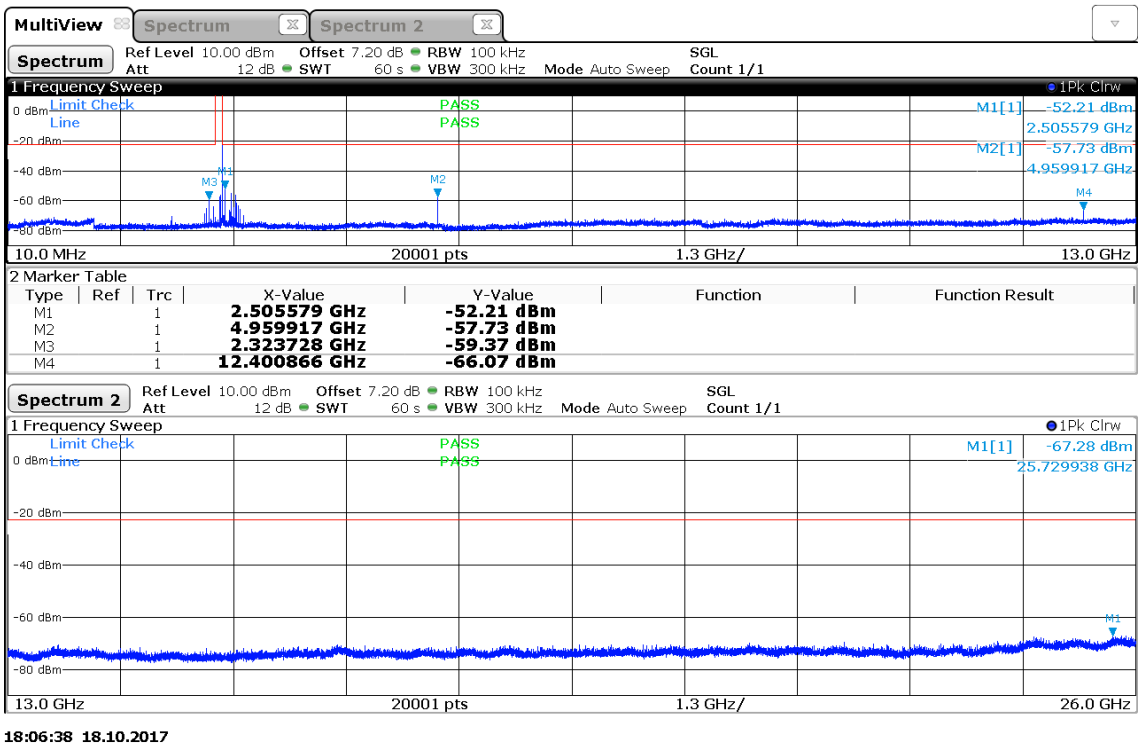
Conducted Spurious Emissions

Project Number:	G0M-1709-6878
Applicant	peiker CEE GmbH
Model Description	CEECOACH
Model:	CC2
Test Sample ID:	15515 (BT2)
Reference Standards:	FCC 15.247, RSS-247
Reference Method:	ANSI C63.10:2013, Section 7.8.8
Operational Mode:	DH5, Channel: 39, 2441 MHz
Operating Conditions:	Tnom/Vnom
Operator:	A. Al Jamal
Test Site:	Eurofins Product Service GmbH
Test Date:	2017-10-18
Max. in-band Frequency [MHz]:	2440.9
Max. in-band Level [dBm/100 kHz]:	-2.8
Out-of-band Limit [dBm/100 kHz]:	-22.8



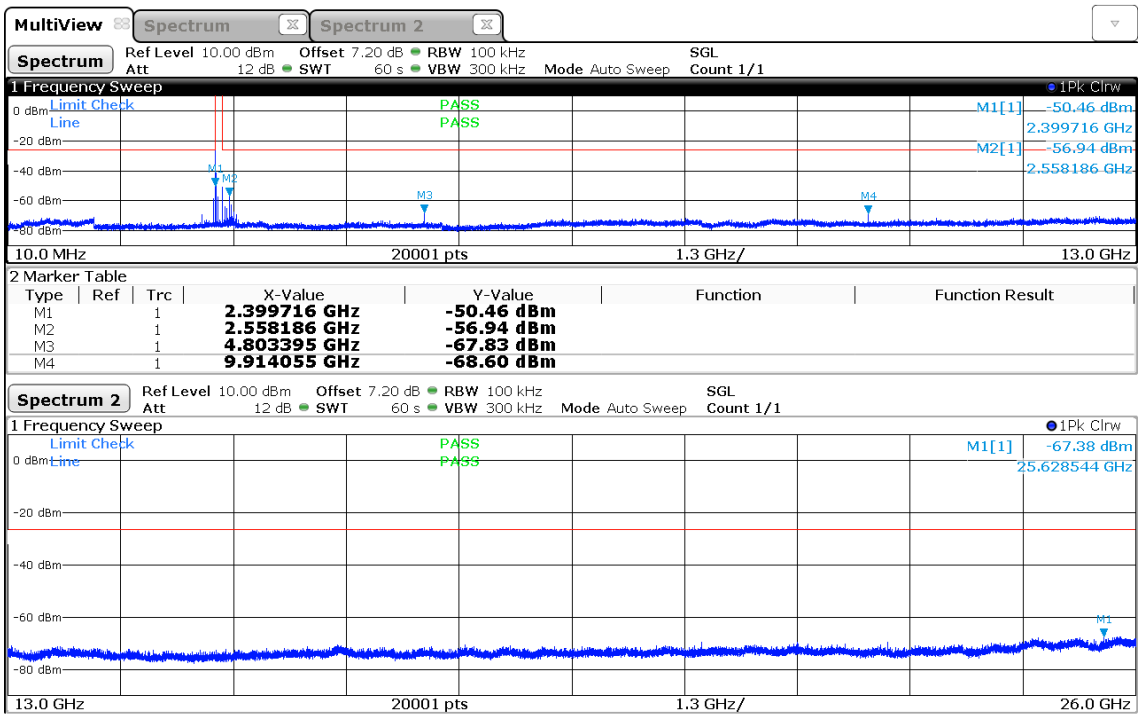
Conducted Spurious Emissions

Project Number:	G0M-1709-6878
Applicant	peiker CEE GmbH
Model Description	CEECOACH
Model:	CC2
Test Sample ID:	15515 (BT2)
Reference Standards:	FCC 15.247, RSS-247
Reference Method:	ANSI C63.10:2013, Section 7.8.8
Operational Mode:	DH5, Channel: 78, 2480 MHz
Operating Conditions:	Tnom/Vnom
Operator:	A. Al Jamal
Test Site:	Eurofins Product Service GmbH
Test Date:	2017-10-18
Max. in-band Frequency [MHz]:	2480.0
Max. in-band Level [dBm/100 kHz]:	-2.6
Out-of-band Limit [dBm/100 kHz]:	-22.6



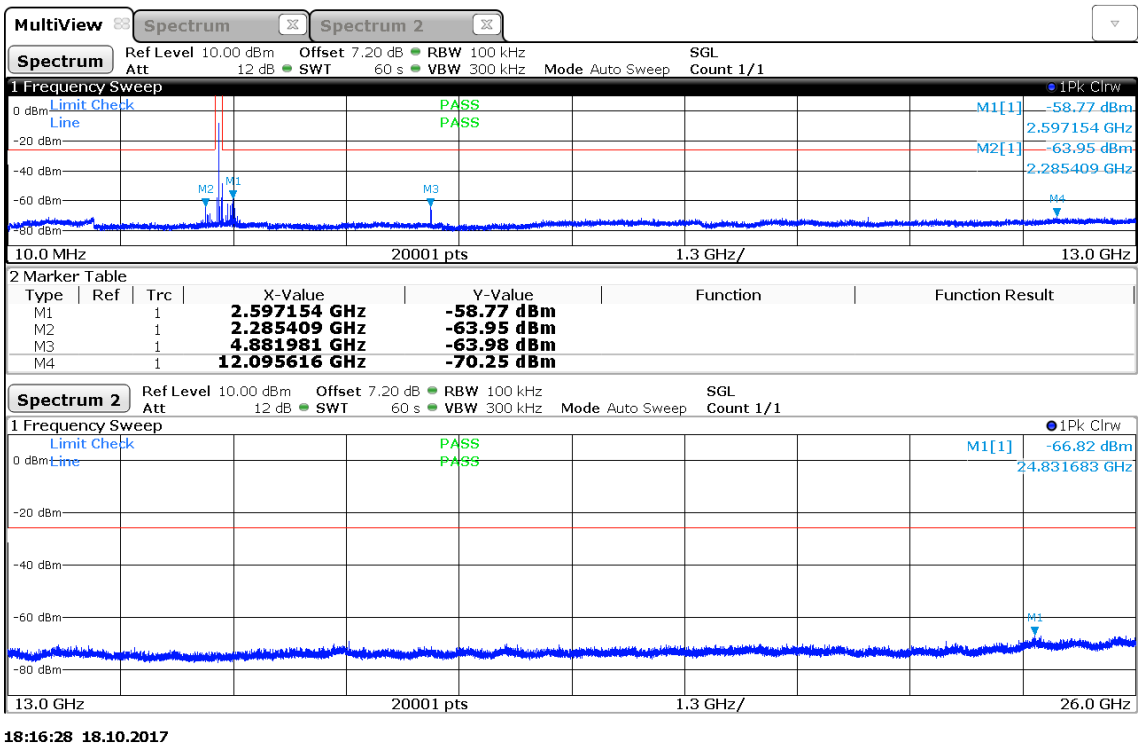
Conducted Spurious Emissions

Project Number:	G0M-1709-6878
Applicant	peiker CEE GmbH
Model Description	CEECOACH
Model:	CC2
Test Sample ID:	15515 (BT2)
Reference Standards:	FCC 15.247, RSS-247
Reference Method:	ANSI C63.10:2013, Section 7.8.8
Operational Mode:	2-DH5, Channel: 0, 2402 MHz
Operating Conditions:	Tnom/Vnom
Operator:	A. Al Jamal
Test Site:	Eurofins Product Service GmbH
Test Date:	2017-10-18
Max. in-band Frequency [MHz]:	2401.9
Max. in-band Level [dBm/100 kHz]:	-6.3
Out-of-band Limit [dBm/100 kHz]:	-26.3



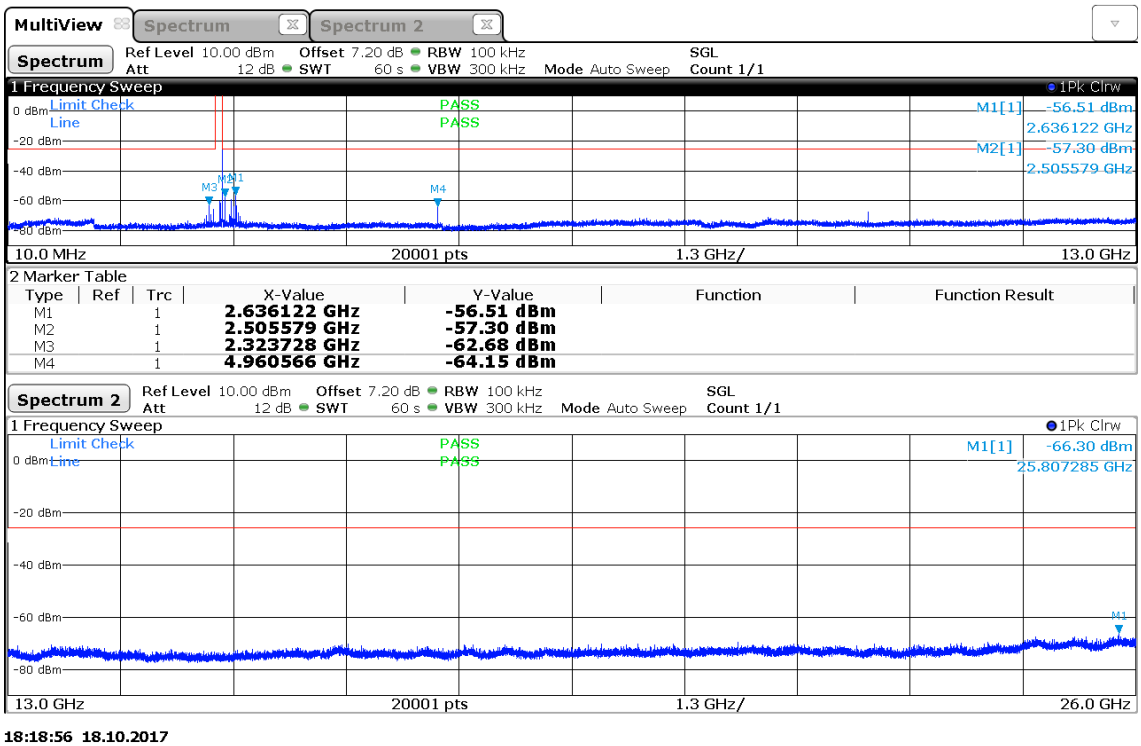
Conducted Spurious Emissions

Project Number:	G0M-1709-6878
Applicant	peiker CEE GmbH
Model Description	CEECOACH
Model:	CC2
Test Sample ID:	15515 (BT2)
Reference Standards:	FCC 15.247, RSS-247
Reference Method:	ANSI C63.10:2013, Section 7.8.8
Operational Mode:	2-DH5, Channel: 39, 2441 MHz
Operating Conditions:	Tnom/Vnom
Operator:	A. Al Jamal
Test Site:	Eurofins Product Service GmbH
Test Date:	2017-10-18
Max. in-band Frequency [MHz]:	2440.9
Max. in-band Level [dBm/100 kHz]:	-5.8
Out-of-band Limit [dBm/100 kHz]:	-25.8



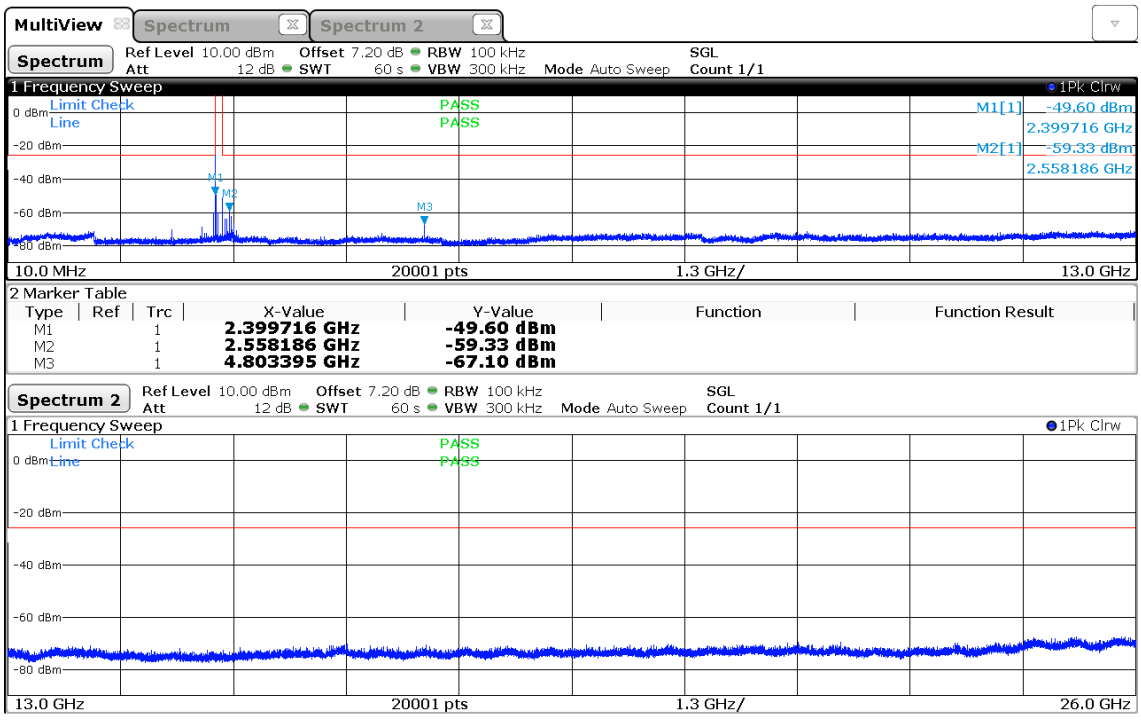
Conducted Spurious Emissions

Project Number:	G0M-1709-6878
Applicant	peiker CEE GmbH
Model Description	CEECOACH
Model:	CC2
Test Sample ID:	15515 (BT2)
Reference Standards:	FCC 15.247, RSS-247
Reference Method:	ANSI C63.10:2013, Section 7.8.8
Operational Mode:	2-DH5, Channel: 78, 2480 MHz
Operating Conditions:	Tnom/Vnom
Operator:	A. Al Jamal
Test Site:	Eurofins Product Service GmbH
Test Date:	2017-10-18
Max. in-band Frequency [MHz]:	2479.9
Max. in-band Level [dBm/100 kHz]:	-5.6
Out-of-band Limit [dBm/100 kHz]:	-25.6



Conducted Spurious Emissions

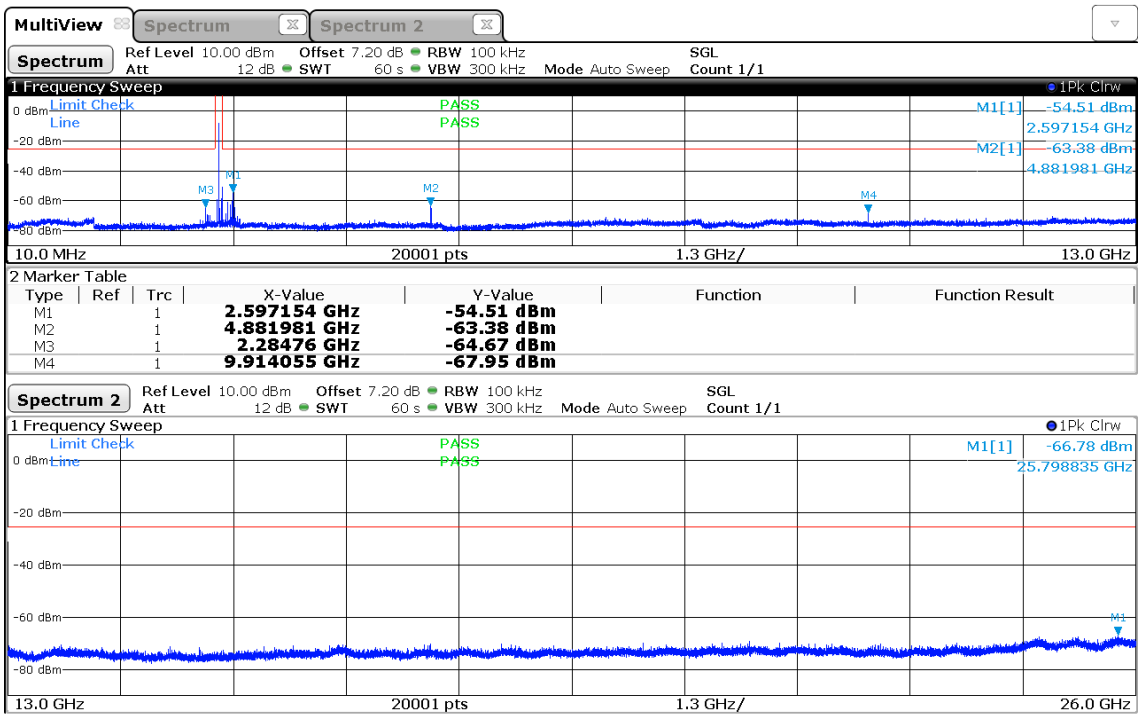
Project Number:	G0M-1709-6878
Applicant	peiker CEE GmbH
Model Description	CEECOACH
Model:	CC2
Test Sample ID:	15515 (BT2)
Reference Standards:	FCC 15.247, RSS-247
Reference Method:	ANSI C63.10:2013, Section 7.8.8
Operational Mode:	3-DH5, Channel: 0, 2402 MHz
Operating Conditions:	Tnom/Vnom
Operator:	A. Al Jamal
Test Site:	Eurofins Product Service GmbH
Test Date:	2017-10-18
Max. in-band Frequency [MHz]:	2401.9
Max. in-band Level [dBm/100 kHz]:	-5.6
Out-of-band Limit [dBm/100 kHz]:	-25.6



18:21:58 18.10.2017

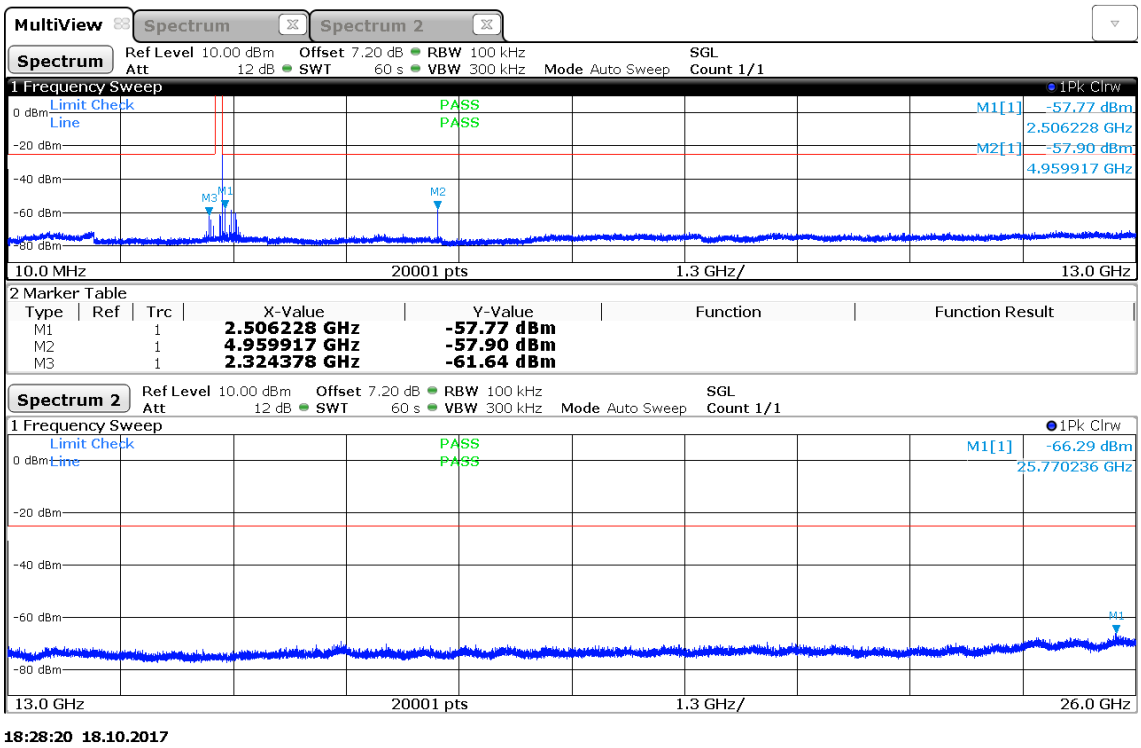
Conducted Spurious Emissions

Project Number:	G0M-1709-6878
Applicant	peiker CEE GmbH
Model Description	CEECOACH
Model:	CC2
Test Sample ID:	15515 (BT2)
Reference Standards:	FCC 15.247, RSS-247
Reference Method:	ANSI C63.10:2013, Section 7.8.8
Operational Mode:	3-DH5, Channel: 39, 2441 MHz
Operating Conditions:	Tnom/Vnom
Operator:	A. Al Jamal
Test Site:	Eurofins Product Service GmbH
Test Date:	2017-10-18
Max. in-band Frequency [MHz]:	2441.0
Max. in-band Level [dBm/100 kHz]:	-5.4
Out-of-band Limit [dBm/100 kHz]:	-25.4



Conducted Spurious Emissions

Project Number:	G0M-1709-6878
Applicant	peiker CEE GmbH
Model Description	CEECOACH
Model:	CC2
Test Sample ID:	15515 (BT2)
Reference Standards:	FCC 15.247, RSS-247
Reference Method:	ANSI C63.10:2013, Section 7.8.8
Operational Mode:	3-DH5, Channel: 78, 2480 MHz
Operating Conditions:	Tnom/Vnom
Operator:	A. Al Jamal
Test Site:	Eurofins Product Service GmbH
Test Date:	2017-10-18
Max. in-band Frequency [MHz]:	2480.0
Max. in-band Level [dBm/100 kHz]:	-5.1
Out-of-band Limit [dBm/100 kHz]:	-25.1



3.10 Test Conditions and Results - Transmitter radiated emissions

3.10.1 Information

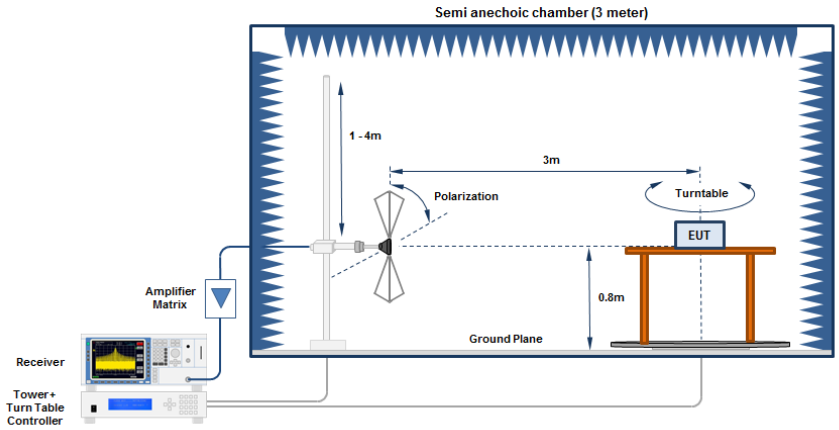
Test Information	
Reference	FCC 15.247(d) / ISED RSS-GEN 8.9
Measurement Method	ANSI C63.10 6.4, 6.5, 6.6
Operator	Abdullah Al Jamal
Date	2017-10-25

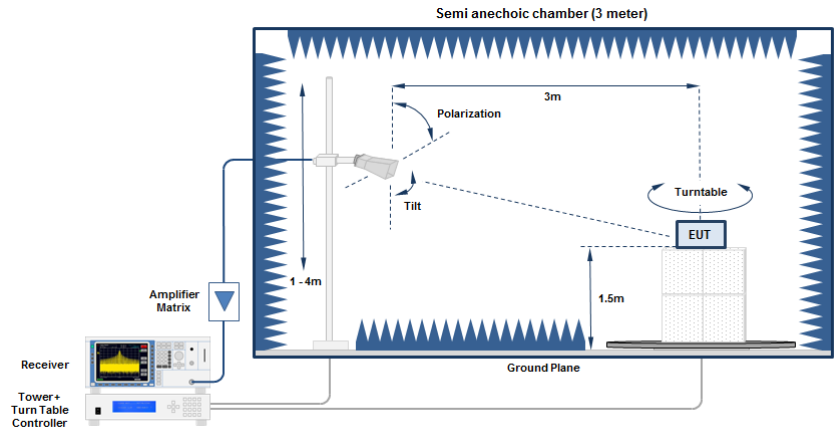
3.10.2 Limits

Limits			
Frequency [MHz]	Detector	Field strength [dBµV/m]	Measurement distance [m]
0.009 - 0.09	Average	2400/F[kHz]	300
0.09 - 0.110	Quasi-Peak	2400/F[kHz]	300
0.110 - 0.490	Average	2400/F[kHz]	300
0.490 - 1.705	Quasi-Peak	24000/F[kHz]	30
1.705 - 30.0	Quasi-Peak	30	30
30 - 88	Quasi-Peak	100	3
88 - 216	Quasi-Peak	150	3
216 - 960	Quasi-Peak	200	3
960 - 1000	Quasi-Peak	500	3
>1000	Average	500	3

3.10.3 Setup

Test Setup 30 - 1000 MHz



Test Setup > 1 GHz


3.10.4 Equipment

Test Equipment 30 - 1000 MHz					
Description	Manufacturer	Model	Identifier	Cal. Date	Cal. Due
CBT Bluetooth Tester	R&S	CBT	EF00358	2017-03	2019-03
Anechoic Chamber	Frankonia	AC1	EF00062	2017-02	2020-02
Measurement Receiver	R&S	ESU 26	EF00887	2017-07	2018-07
Antenna	R&S	HK 116	EF00012	2016-05	2019-05
Antenna	R&S	HL 223	EF00212	2016-04	2019-04

Test Equipment > 1 GHz					
Description	Manufacturer	Model	Identifier	Cal. Date	Cal. Due
CBT Bluetooth Tester	R&S	CBT	EF00358	2017-03	2019-03
Anechoic Chamber	Frankonia	AC1	EF00062	2017-02	2020-02
Measurement Receiver	R&S	ESU 26	EF00887	2017-07	2018-07
Antenna	R&S	BBHA 9120D	EF01153	2017-08	2018-08
Antenna	Amplifier Research	AT4560	EF00302	2017-03	2018-03

3.10.5 Procedure

Test Procedure 30 - 1000 MHz
1. EUT is placed on a non conducting support at the center of a turn table 0.8 m above the ground
2. EUT set to test mode
3. The receiver is set to peak detection with max hold
4. The EUT is rotated through 360° and the height of the antenna is varied from 1 m to 4 m
5. All significant emissions are measured again using the corresponding final detector

Test Procedure > 1 GHz
1. EUT is placed on a non conducting support at the center of a turn table 1.5 m above the ground
2. EUT set to test mode
3. The receiver is set to peak detection with max hold
4. The EUT is rotated through 360° and the height of the antenna is varied from 1 m to 4 m
5. All significant emissions are measured again using the corresponding final detector

3.10.6 Results

Test Results - DH5						
Channel [MHz]	Emission [MHz]	Level [dBµV/m]	Det.	Pol.	Limit [dBµV/m]	Margin [dB]
2402	135.707	32.39	pk	hor	43.52	-11.13
2402	163.181	34.89	pk	hor	43.52	-08.63
2402	2284.8	56.20	pk	hor	74.00	-17.80
2402	2284.8	45.00	avg	hor	54.00	-09.00
2480	171.44	35.51	pk	hor	43.52	-08.01
2480	331.2	24.83	pk	ver	46.00	-21.17
2480	2285	57.28	pk	hor	74.00	-16.72
2480	2285	51.83	avg	hor	54.00	-02.17
2480	2483.8	62.13	pk	hor	74.00	-11.87
2480	2483.8	39.31	RMS	hor	54.00	-14.69
2480	2483.8	54.88	pk	ver	74.00	-19.12
2480	2483.8	39.31	RMS	ver	54.00	-14.69
2480	2490.4	39.37	RMS	hor	54.00	-14.63

Test Results - 2-DH5						
Channel [MHz]	Emission [MHz]	Level [dBµV/m]	Det.	Pol.	Limit [dBµV/m]	Margin [dB]
2402	119.76	32.35	pk	hor	43.52	-11.17
2402	135.06	35.42	pk	hor	43.52	-08.10
2402	162.94	35.86	pk	hor	43.52	-07.66
2402	251.2	26.91	pk	hor	46.00	-19.09
2402	2284.8	57.29	pk	hor	74.00	-16.71
2402	2284.8	46.41	avg	hor	54.00	-07.59
2441	133.02	34.23	pk	hor	43.52	-09.29
2441	408	30.35	pk	ver	46.00	-15.65
2480	135.4	37.09	pk	hor	43.52	-06.43
2480	2285	57.42	pk	hor	74.00	-16.58
2480	2285	51.73	avg	hor	54.00	-02.27
2480	2483.8	54.25	pk	ver	74.00	-19.75
2480	2483.8	39.31	RMS	ver	54.00	-14.69
2480	2483.9	61.02	pk	hor	74.00	-12.98
2480	2483.9	39.31	RMS	hor	54.00	-14.69
2480	2490.8	39.37	RMS	hor	54.00	-14.63

Test Results - 3-DH5						
Channel [MHz]	Emission [MHz]	Level [dBµV/m]	Det.	Pol.	Limit [dBµV/m]	Margin [dB]
2402	164.98	34.65	pk	hor	43.52	-08.87
2402	2284.8	57.48	pk	hor	74.00	-16.52
2402	2284.8	46.12	avg	hor	54.00	-07.88
2441	169.4	37.18	pk	hor	43.52	-06.34
2441	171.44	35.46	pk	hor	43.52	-08.06
2480	162.94	34.71	pk	hor	43.52	-08.81
2480	329.6	28.38	pk	ver	46.00	-17.62
2480	334.4	33.08	pk	hor	46.00	-12.92
2480	2285	57.59	pk	hor	74.00	-16.41
2480	2285	52.49	avg	hor	54.00	-01.51
2480	2483.7	54.63	pk	ver	74.00	-19.37
2480	2483.7	39.31	RMS	ver	54.00	-14.69
2480	2483.8	61.42	pk	hor	74.00	-12.58
2480	2483.8	39.31	RMS	hor	54.00	-14.69
2480	2490.8	39.37	RMS	hor	54.00	-14.63

3.11 Test Conditions and Results - Receiver radiated emissions

3.11.1 Information

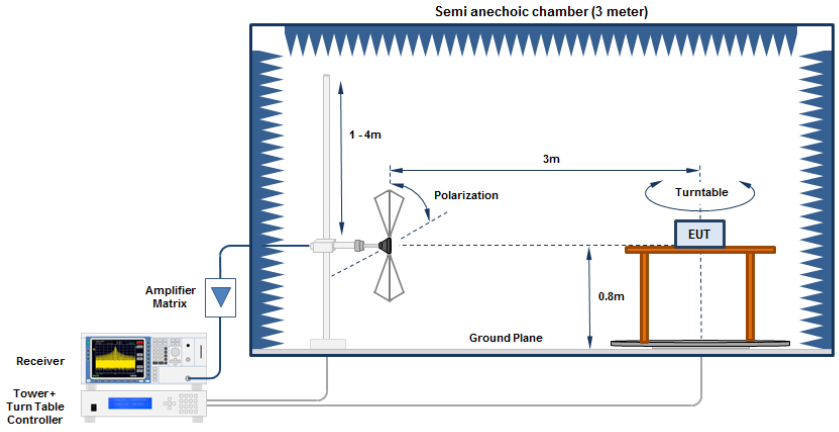
Test Information	
Reference	ISED RSS-247 3.1
Measurement Method	ANSI C63.10 6.5, 6.6
Operator	Abdullah Al Jamal
Date	2017-10-25

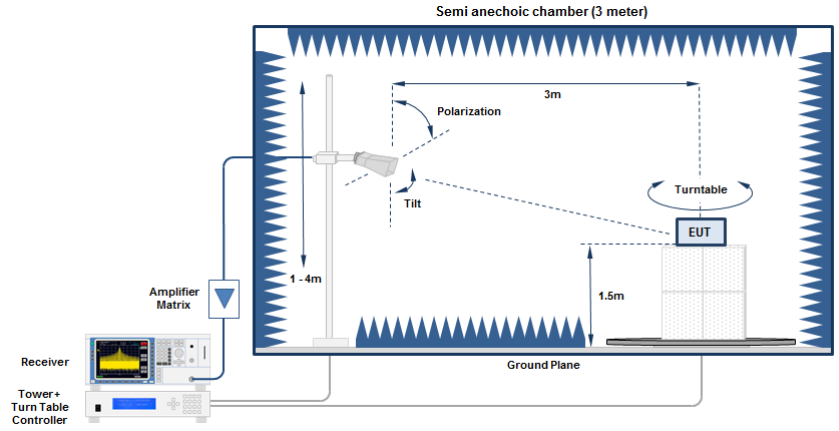
3.11.2 Limits

Limits			
Frequency [MHz]	Detector	Field strength [dBµV/m]	Measurement distance [m]
30 - 88	Quasi-Peak	100	3
88 - 216	Quasi-Peak	150	3
216 - 960	Quasi-Peak	200	3
960 - 1000	Quasi-Peak	500	3
>1000	Average	500	3

3.11.3 Setup

Test Setup 30 - 1000 MHz



Test Setup > 1 GHz


3.11.4 Equipment

Test Equipment 30 - 1000 MHz					
Description	Manufacturer	Model	Identifier	Cal. Date	Cal. Due
CBT Bluetooth Tester	R&S	CBT	EF00358	2017-03	2019-03
Anechoic Chamber	Frankonia	AC1	EF00062	2017-02	2020-02
Measurement Receiver	R&S	ESU 26	EF00887	2017-07	2018-07
Antenna	R&S	HK 116	EF00012	2016-05	2019-05
Antenna	R&S	HL 223	EF00187	2016-05	2019-05

Test Equipment > 1 GHz					
Description	Manufacturer	Model	Identifier	Cal. Date	Cal. Due
CBT Bluetooth Tester	R&S	CBT	EF00358	2017-03	2019-03
Anechoic Chamber	Frankonia	AC1	EF00062	2017-02	2020-02
Measurement Receiver	R&S	ESU 26	EF00887	2017-07	2018-07
Antenna	R&S	BBHA 9120D	EF01153	2017-08	2018-08
40GHz High Gain Antenna	Amplifier Research	AT4560	EF00302	2017-03	2018-03

3.11.5 Procedure

Test Procedure 30 - 1000 MHz
1. EUT is placed on a non conducting support at the center of a turn table 0.8 m above the ground
2. EUT set to test mode
3. The receiver is set to peak detection with max hold
4. The EUT is rotated through 360° and the height of the antenna is varied from 1 m to 4 m
5. All significant emissions are measured again using the corresponding final detector

Test Procedure > 1 GHz
1. EUT is placed on a non conducting support at the center of a turn table 1.5 m above the ground
2. EUT set to test mode
3. The receiver is set to peak detection with max hold
4. The EUT is rotated through 360° and the height of the antenna is varied from 1 m to 4 m
5. All significant emissions are measured again using the corresponding final detector

3.11.6 Results

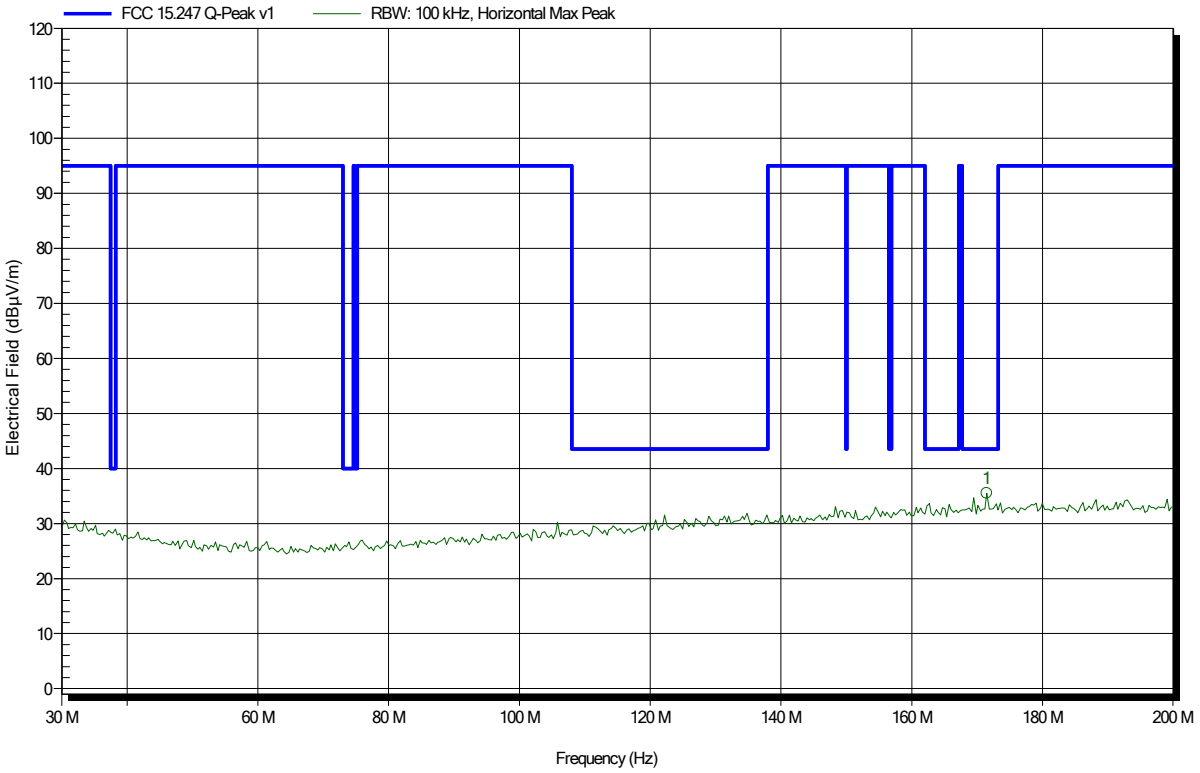
Test Results						
Channel [MHz]	Emission [MHz]	Level [dBµV/m]	Det.	Pol.	Limit [dBµV/m]	Margin [dB]
2441	64	27.75	pk	ver	40.00	-12.25
2441	99.02	28.31	pk	hor	43.50	-15.19
2441	240	28.96	pk	hor	46.00	-17.04
2441	1498	38.78	pk	hor	53.98	-15.20
2441	2290	39.72	pk	ver	53.98	-14.26
2441	6368	47.13	pk	ver	53.98	-06.85
2441	6832	47.83	pk	hor	53.98	-06.15
2441	9764	45.96	pk	hor	53.98	-08.02
2441	9944	44.02	pk	ver	53.98	-09.96
2441	14165	47.83	pk	hor	53.98	-06.15
2441	14471	48.64	pk	ver	53.98	-05.34

ANNEX A Transmitter spurious emissions

Spurious emissions according to FCC 15.247

Project number:	G0M-1709-6878
Applicant:	peiker CEE GmbH
EUT Name:	CEECOACH
Model:	CC2
Test Site:	Eurofins Product Service GmbH
Operator:	Abdullah Al Jamal
Test Conditions:	Tnom: 24.4°C, Vnom: 5.0 VDC
Antenna:	Rohde & Schwarz HK 116, Horizontal
Measurement distance:	3 m
Mode:	TX; BT (customer label BT2); 2480 MHz; DH5
Test Date:	2017-10-24
Note:	

Index 68

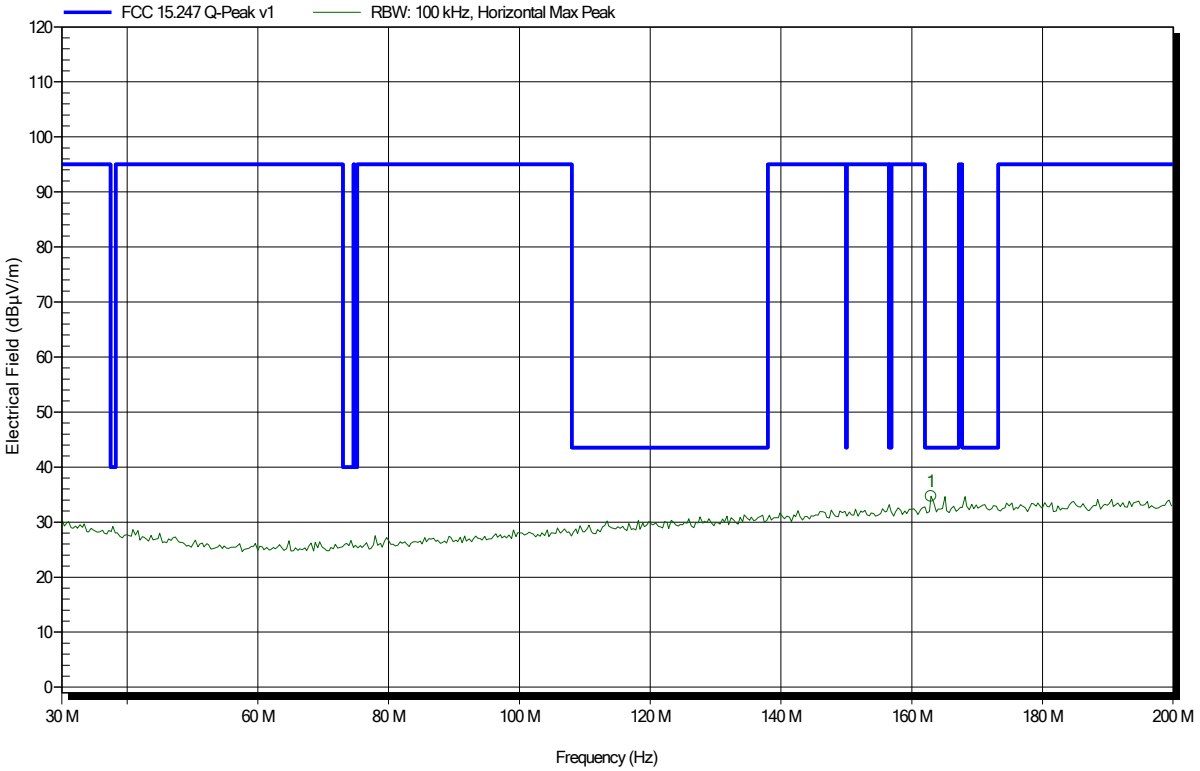


Frequency	Peak	Peak Limit	Peak Difference	Peak Status
171.44 MHz	35.51 dBµV/m	43.52 dBµV/m	-8.01 dB	Pass

Spurious emissions according to FCC 15.247

Project number:	G0M-1709-6878
Applicant:	peiker CEE GmbH
EUT Name:	CEECOACH
Model:	CC2
Test Site:	Eurofins Product Service GmbH
Operator:	Abdullah Al Jamal
Test Conditions:	Tnom: 24.4°C, Vnom: 5.0 VDC
Antenna:	Rohde & Schwarz HK 116, Horizontal
Measurement distance:	3 m
Mode:	TX; BT (customer label BT2); 2480 MHz; 3-DH5
Test Date:	2017-10-24
Note:	

Index 70

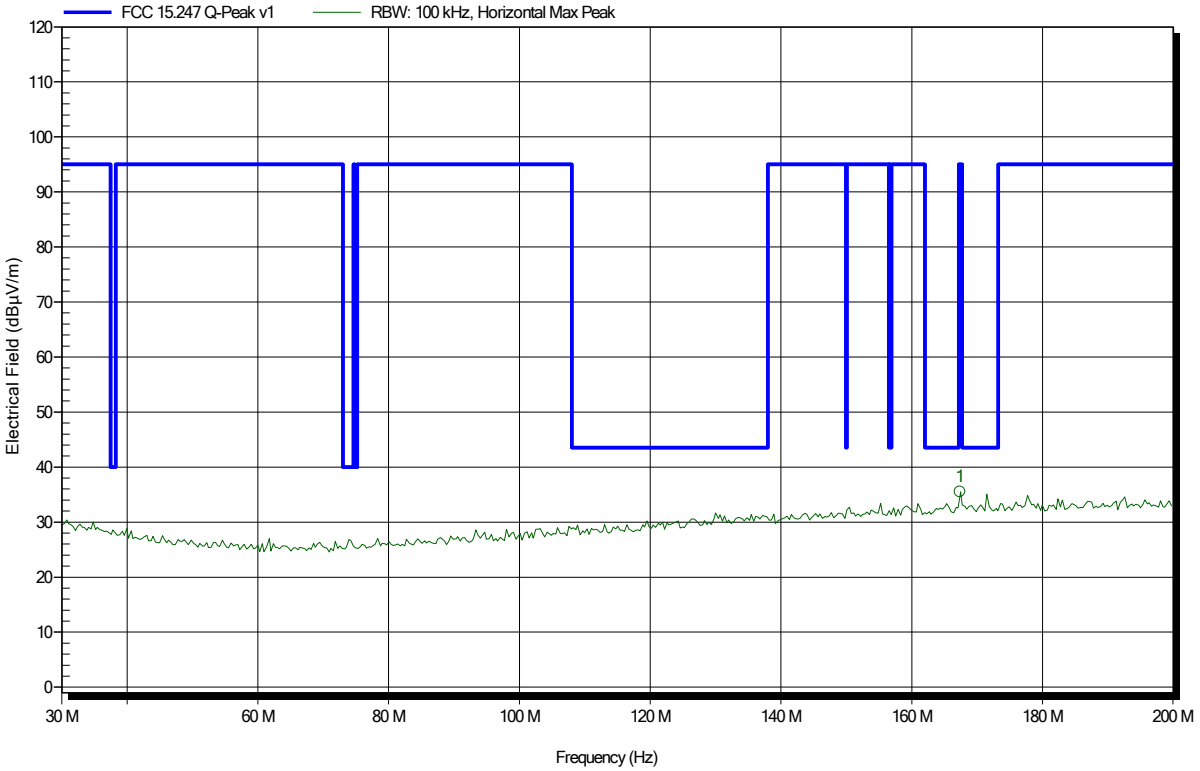


Frequency	Peak	Peak Limit	Peak Difference	Peak Status
162.94 MHz	34.71 dBµV/m	43.52 dBµV/m	-8.81 dB	Pass

Spurious emissions according to FCC 15.247

Project number:	G0M-1709-6878
Applicant:	peiker CEE GmbH
EUT Name:	CEECOACH
Model:	CC2
Test Site:	Eurofins Product Service GmbH
Operator:	Abdullah Al Jamal
Test Conditions:	Tnom: 24.4°C, Vnom: 5.0 VDC
Antenna:	Rohde & Schwarz HK 116, Horizontal
Measurement distance:	3 m
Mode:	TX; BT (customer label BT2); 2480 MHz; 2-DH5
Test Date:	2017-10-24
Note:	

Index 69

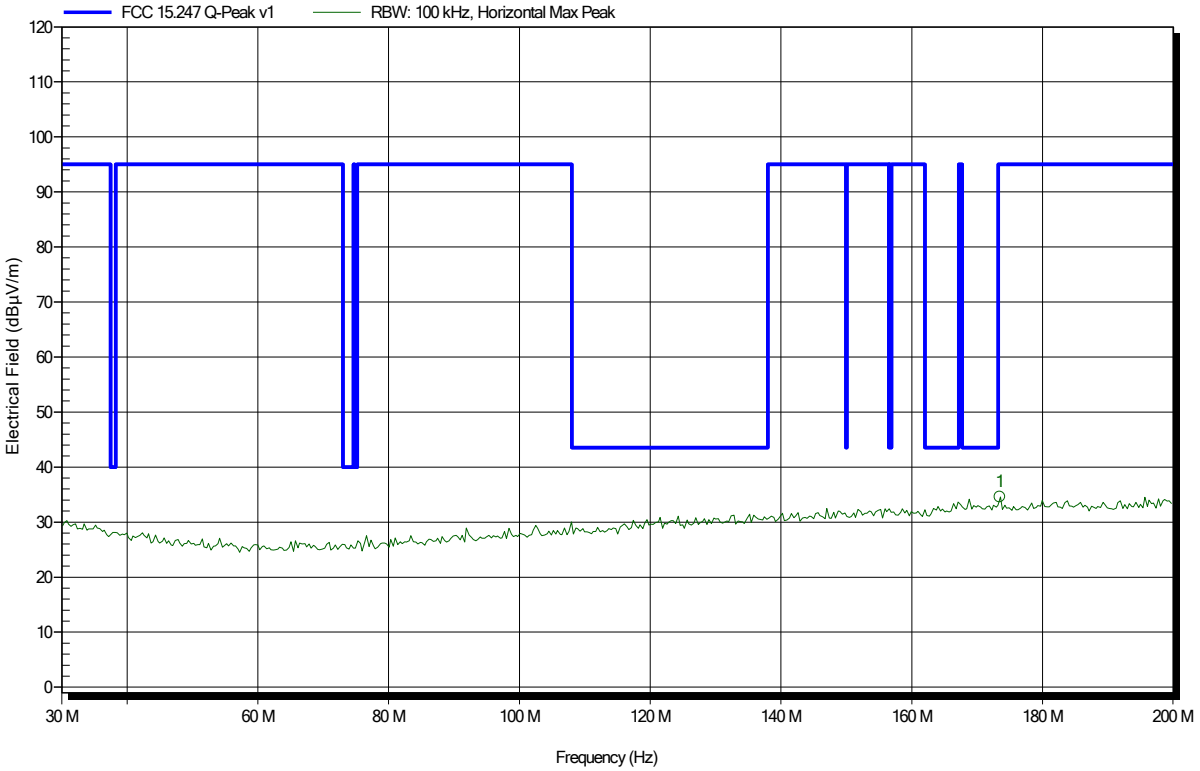


Frequency	Peak	Peak Limit	Peak Difference	Peak Status
167.36 MHz	35.5 dBµV/m	95 dBµV/m	-59.5 dB	Pass

Spurious emissions according to FCC 15.247

Project number:	G0M-1709-6878
Applicant:	peiker CEE GmbH
EUT Name:	CEECOACH
Model:	CC2
Test Site:	Eurofins Product Service GmbH
Operator:	Abdullah Al Jamal
Test Conditions:	Tnom: 24.4°C, Vnom: 5.0 VDC
Antenna:	Rohde & Schwarz HK 116, Horizontal
Measurement distance:	3 m
Mode:	TX; BT (customer label BT2); 2441 MHz; DH5
Test Date:	2017-10-24
Note:	

Index 65

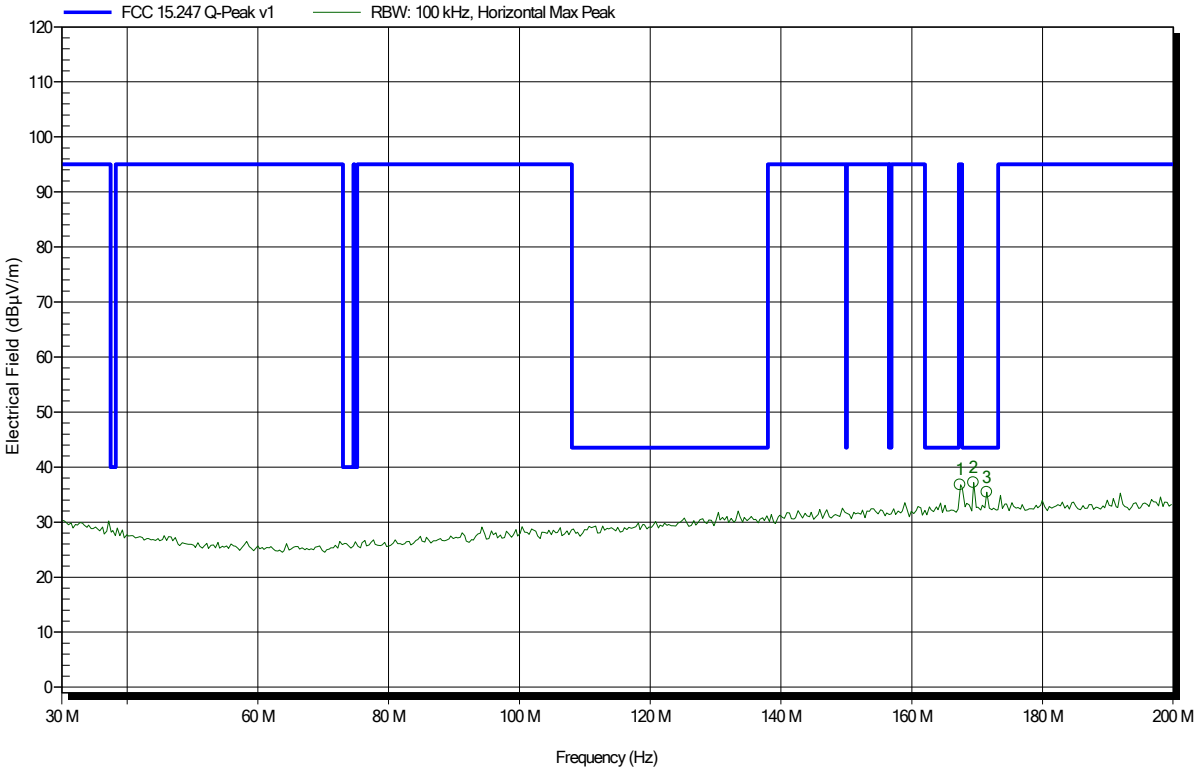


Frequency	Peak	Peak Limit	Peak Difference	Peak Status
173.48 MHz	34.57 dBµV/m	95 dBµV/m	-60.43 dB	Pass

Spurious emissions according to FCC 15.247

Project number:	G0M-1709-6878
Applicant:	peiker CEE GmbH
EUT Name:	CEECOACH
Model:	CC2
Test Site:	Eurofins Product Service GmbH
Operator:	Abdullah Al Jamal
Test Conditions:	Tnom: 24.4°C, Vnom: 5.0 VDC
Antenna:	Rohde & Schwarz HK 116, Horizontal
Measurement distance:	3 m
Mode:	TX; BT (customer label BT2); 2441 MHz; 3-DH5
Test Date:	2017-10-24
Note:	

Index 67

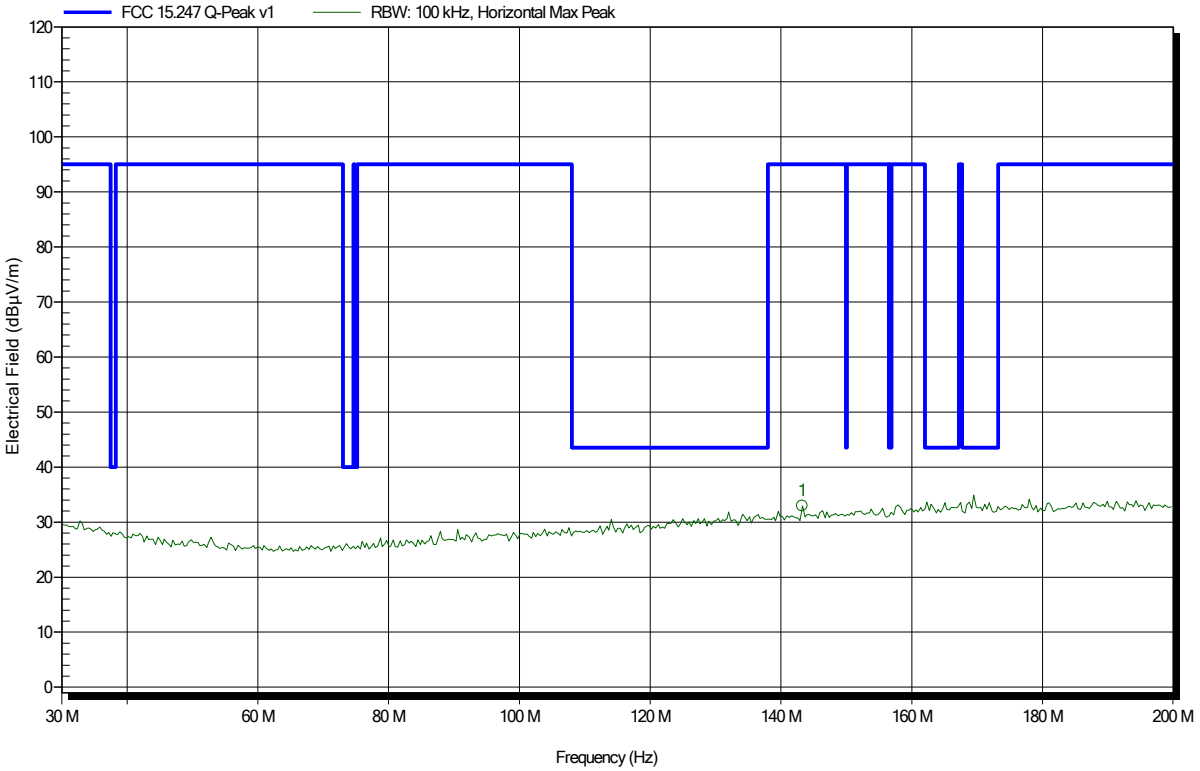


Frequency	Peak	Peak Limit	Peak Difference	Peak Status
167.36 MHz	36.76 dBµV/m	95 dBµV/m	-58.24 dB	Pass
169.4 MHz	37.18 dBµV/m	43.52 dBµV/m	-6.34 dB	Pass
171.44 MHz	35.46 dBµV/m	43.52 dBµV/m	-8.06 dB	Pass

Spurious emissions according to FCC 15.247

Project number:	G0M-1709-6878
Applicant:	peiker CEE GmbH
EUT Name:	CEECOACH
Model:	CC2
Test Site:	Eurofins Product Service GmbH
Operator:	Abdullah Al Jamal
Test Conditions:	Tnom: 24.4°C, Vnom: 5.0 VDC
Antenna:	Rohde & Schwarz HK 116, Horizontal
Measurement distance:	3 m
Mode:	TX; BT (customer label BT2); 2441 MHz; 2-DH5
Test Date:	2017-10-24
Note:	

Index 66

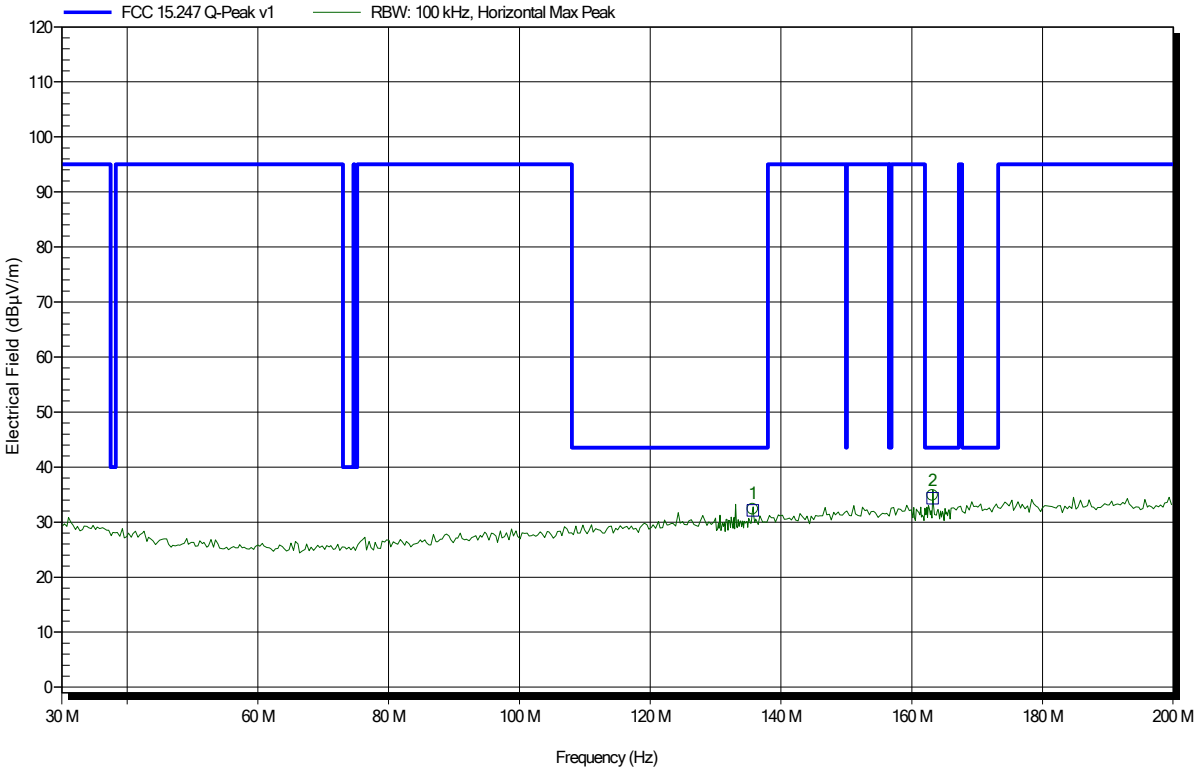


Frequency	Peak	Peak Limit	Peak Difference	Peak Status
143.22 MHz	32.96 dBµV/m	95 dBµV/m	-62.04 dB	Pass

Spurious emissions according to FCC 15.247

Project number:	G0M-1709-6878
Applicant:	peiker CEE GmbH
EUT Name:	CEECOACH
Model:	CC2
Test Site:	Eurofins Product Service GmbH
Operator:	Abdullah Al Jamal
Test Conditions:	Tnom: 24.4°C, Vnom: 5.0 VDC
Antenna:	Rohde & Schwarz HK 116, Horizontal
Measurement distance:	3 m
Mode:	TX; BT (customer label BT2); 2402 MHz; DH5
Test Date:	2017-10-24
Note:	

Index 62

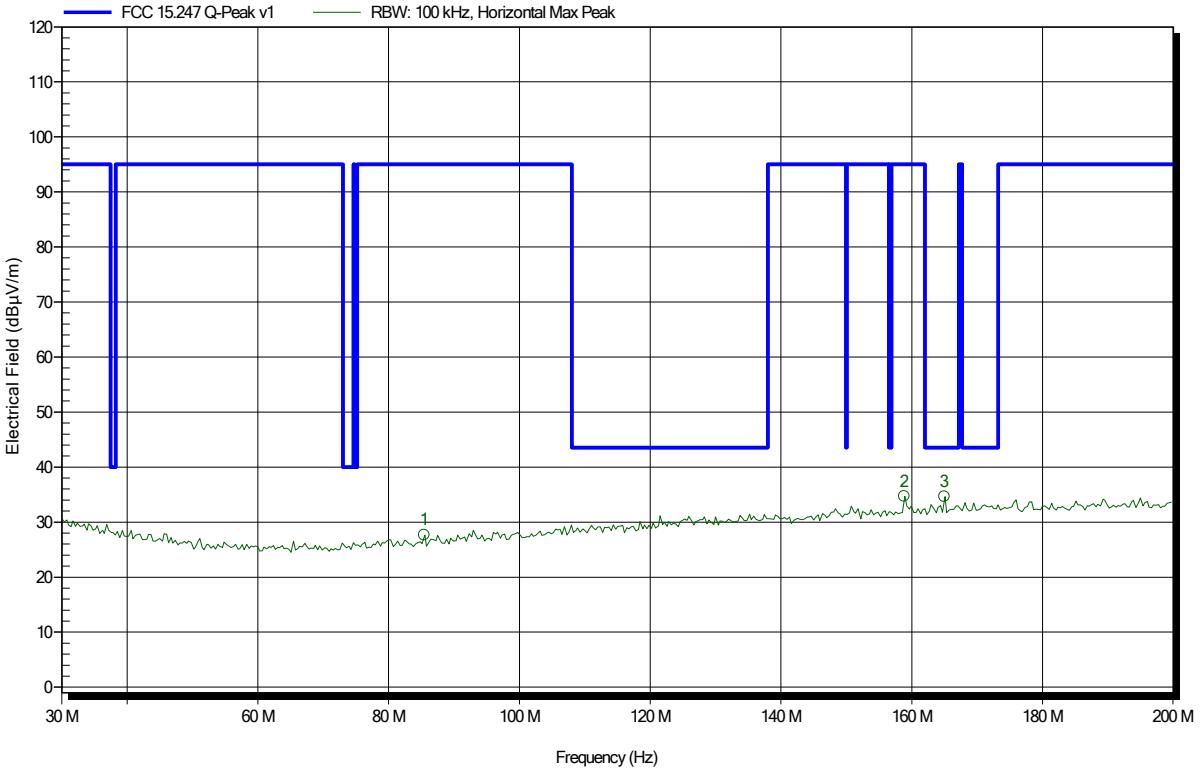


Frequency	Peak	Peak Limit	Peak Difference	Peak Status
135.707 MHz	32.39 dBµV/m	43.52 dBµV/m	-11.13 dB	Pass
163.181 MHz	34.89 dBµV/m	43.52 dBµV/m	-8.63 dB	Pass

Spurious emissions according to FCC 15.247

Project number:	G0M-1709-6878
Applicant:	peiker CEE GmbH
EUT Name:	CEECOACH
Model:	CC2
Test Site:	Eurofins Product Service GmbH
Operator:	Abdullah Al Jamal
Test Conditions:	Tnom: 24.4°C, Vnom: 5.0 VDC
Antenna:	Rohde & Schwarz HK 116, Horizontal
Measurement distance:	3 m
Mode:	TX; BT (customer label BT2); 2402 MHz; 3-DH5
Test Date:	2017-10-24
Note:	

Index 64

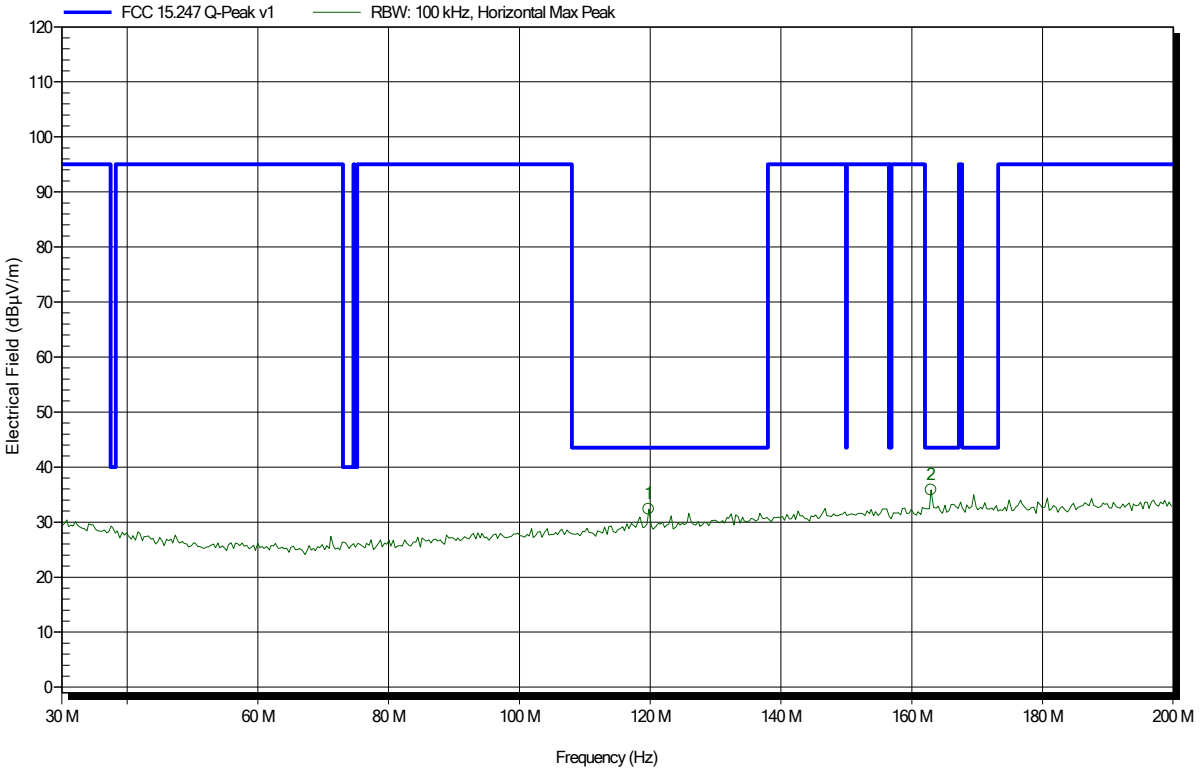


Frequency	Peak	Peak Limit	Peak Difference	Peak Status
158.86 MHz	34.67 dBµV/m	95 dBµV/m	-60.33 dB	Pass
164.98 MHz	34.65 dBµV/m	43.52 dBµV/m	-8.87 dB	Pass
85.42 MHz	27.66 dBµV/m	95 dBµV/m	-67.34 dB	Pass

Spurious emissions according to FCC 15.247

Project number:	G0M-1709-6878
Applicant:	peiker CEE GmbH
EUT Name:	CEECOACH
Model:	CC2
Test Site:	Eurofins Product Service GmbH
Operator:	Abdullah Al Jamal
Test Conditions:	Tnom: 24.4°C, Vnom: 5.0 VDC
Antenna:	Rohde & Schwarz HK 116, Horizontal
Measurement distance:	3 m
Mode:	TX; BT (customer label BT2); 2402 MHz; 2-DH5
Test Date:	2017-10-24
Note:	

Index 63

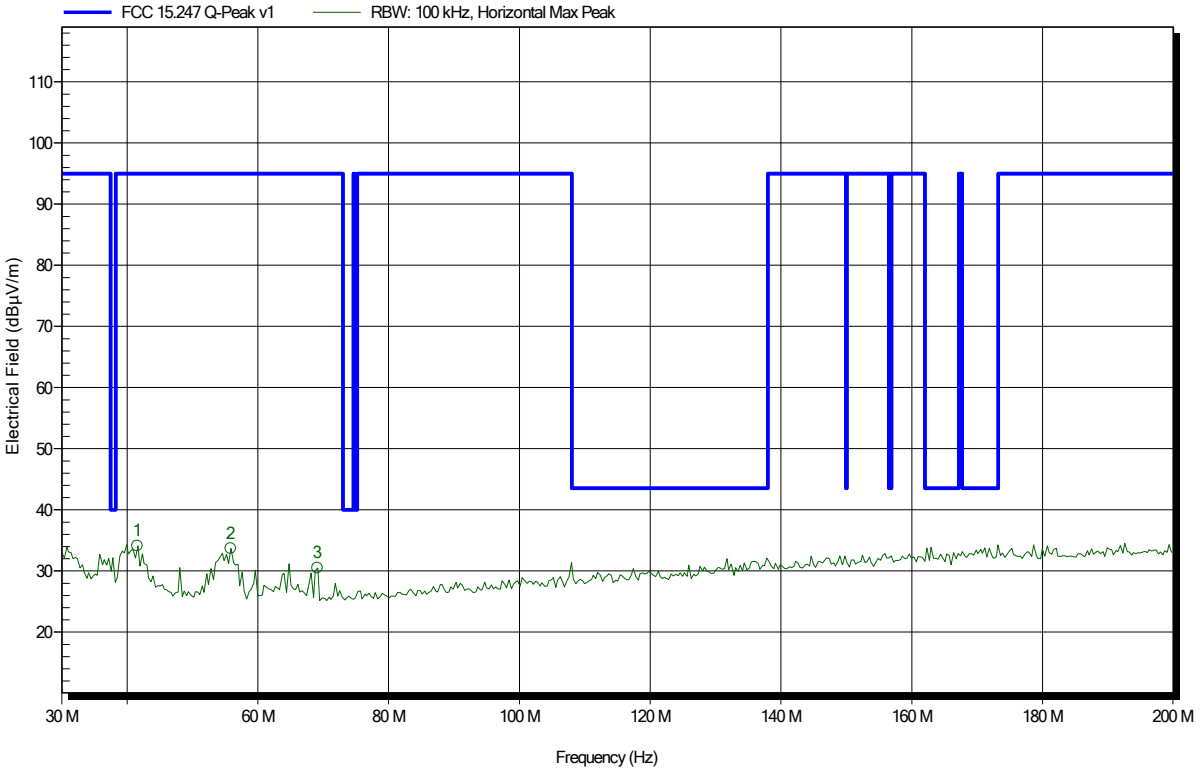


Frequency	Peak	Peak Limit	Peak Difference	Peak Status
119.76 MHz	32.35 dBµV/m	43.52 dBµV/m	-11.17 dB	Pass
162.94 MHz	35.86 dBµV/m	43.52 dBµV/m	-7.66 dB	Pass

Spurious emissions according to FCC 15.247

Project number:	G0M-1709-6878
Applicant:	peiker CEE GmbH
EUT Name:	CEECOACH
Model:	CC2
Test Site:	Eurofins Product Service GmbH
Operator:	Abdullah Al Jamal
Test Conditions:	Tnom: 24.4°C, Vnom: 5.0 VDC
Antenna:	Rohde & Schwarz HK 116, Horizontal
Measurement distance:	3 m
Mode:	TX; BT (customer label BT2); 2480 MHz; DH5
Test Date:	2017-10-24
Note:	

Index 71

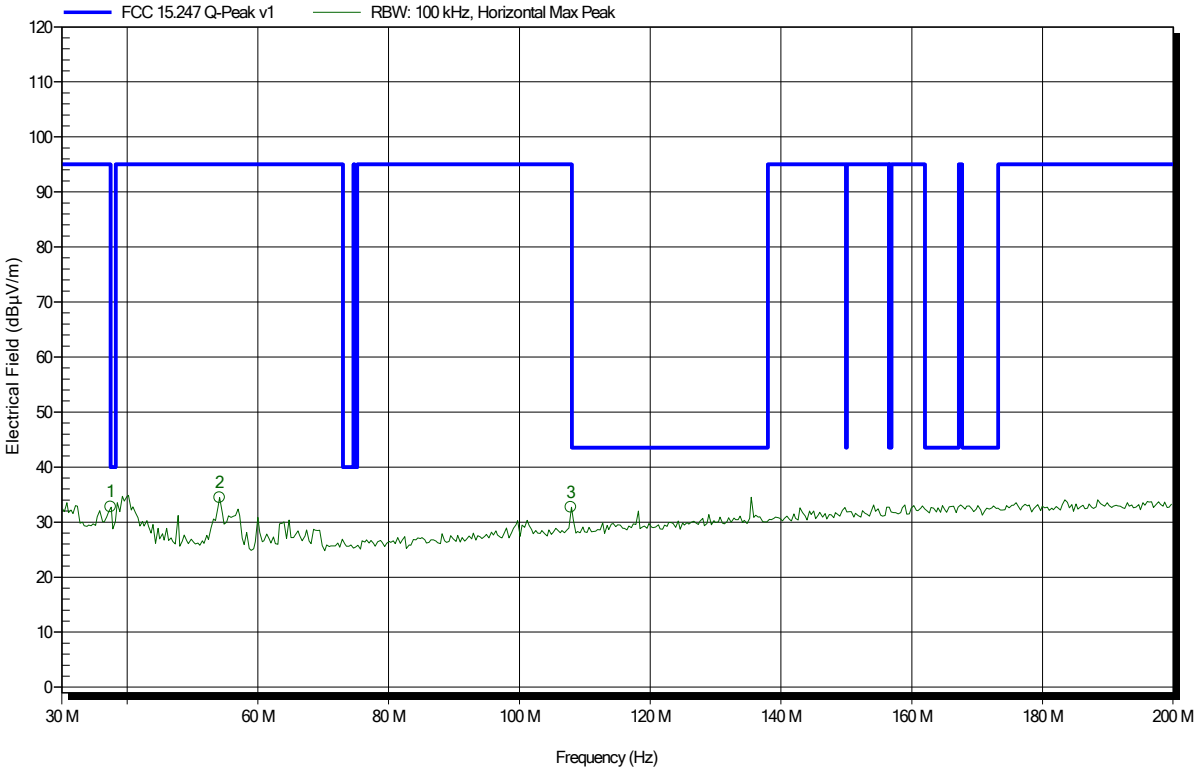


Frequency	Peak	Peak Limit	Peak Difference	Peak Status
41.56 MHz	34.12 dBµV/m	95 dBµV/m	-60.88 dB	Pass
55.84 MHz	33.67 dBµV/m	95 dBµV/m	-61.33 dB	Pass
69.1 MHz	30.49 dBµV/m	95 dBµV/m	-64.51 dB	Pass

Spurious emissions according to FCC 15.247

Project number:	G0M-1709-6878
Applicant:	peiker CEE GmbH
EUT Name:	CEECOACH
Model:	CC2
Test Site:	Eurofins Product Service GmbH
Operator:	Abdullah Al Jamal
Test Conditions:	Tnom: 24.4°C, Vnom: 5.0 VDC
Antenna:	Rohde & Schwarz HK 116, Horizontal
Measurement distance:	3 m
Mode:	TX; BT (customer label BT2); 2480 MHz; 3-DH5
Test Date:	2017-10-24
Note:	

Index 73

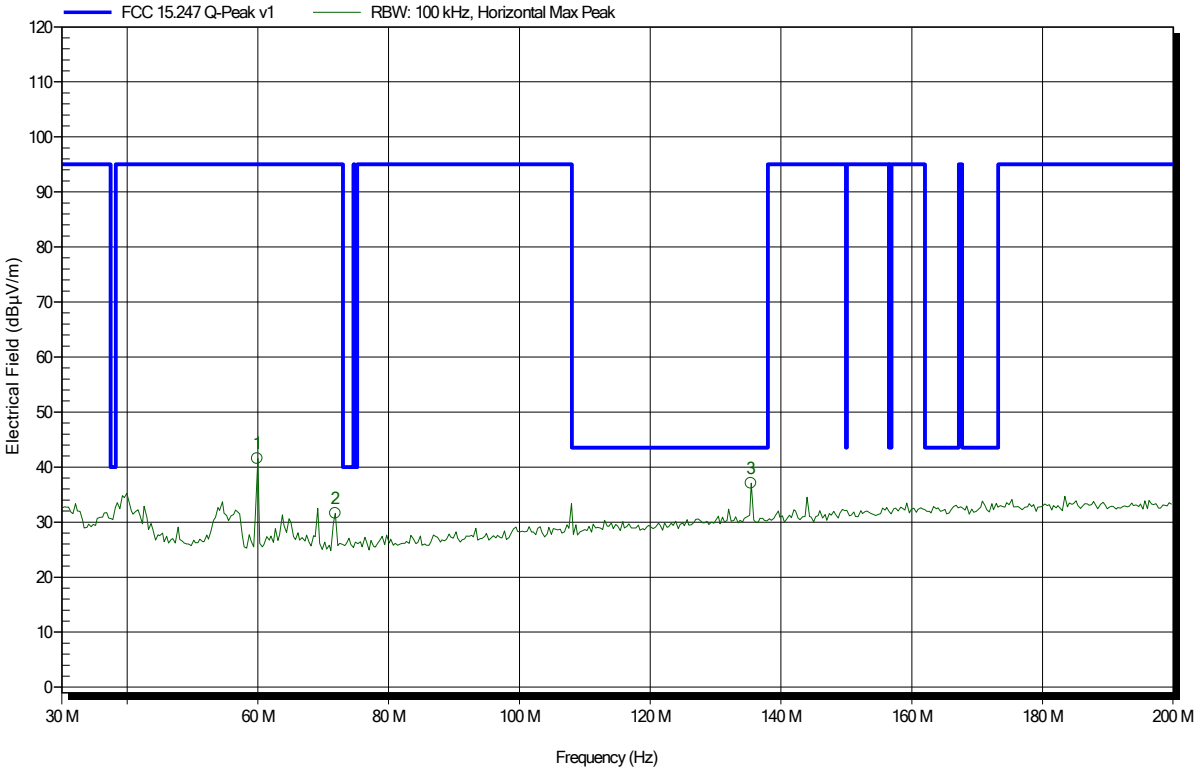


Frequency	Peak	Peak Limit	Peak Difference	Peak Status
107.86 MHz	32.7 dBµV/m	95 dBµV/m	-62.3 dB	Pass
37.48 MHz	32.75 dBµV/m	95 dBµV/m	-62.25 dB	Pass
54.14 MHz	34.44 dBµV/m	95 dBµV/m	-60.56 dB	Pass

Spurious emissions according to FCC 15.247

Project number:	G0M-1709-6878
Applicant:	peiker CEE GmbH
EUT Name:	CEECOACH
Model:	CC2
Test Site:	Eurofins Product Service GmbH
Operator:	Abdullah Al Jamal
Test Conditions:	Tnom: 24.4°C, Vnom: 5.0 VDC
Antenna:	Rohde & Schwarz HK 116, Horizontal
Measurement distance:	3 m
Mode:	TX; BT (customer label BT2); 2480 MHz; 2-DH5
Test Date:	2017-10-24
Note:	

Index 72

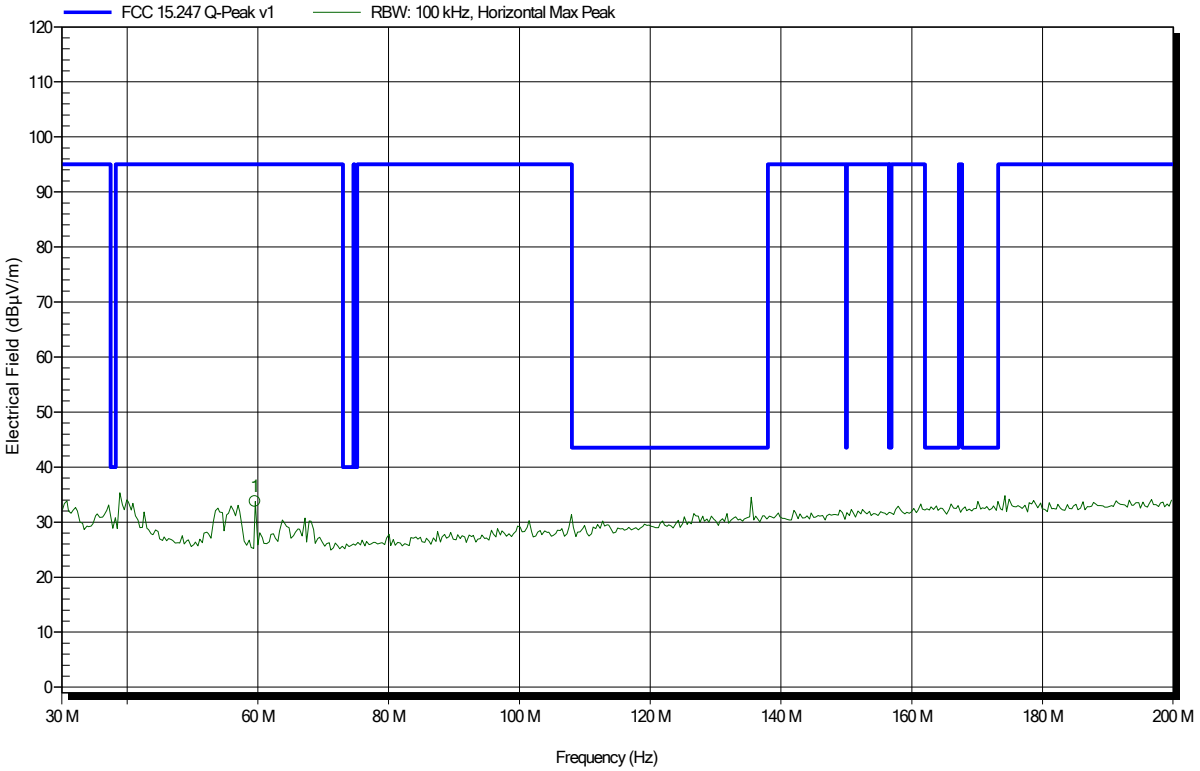


Frequency	Peak	Peak Limit	Peak Difference	Peak Status
135.4 MHz	37.09 dBµV/m	43.52 dBµV/m	-6.43 dB	Pass
59.92 MHz	41.55 dBµV/m	95 dBµV/m	-53.45 dB	Pass
71.82 MHz	31.61 dBµV/m	95 dBµV/m	-63.39 dB	Pass

Spurious emissions according to FCC 15.247

Project number:	G0M-1709-6878
Applicant:	peiker CEE GmbH
EUT Name:	CEECOACH
Model:	CC2
Test Site:	Eurofins Product Service GmbH
Operator:	Abdullah Al Jamal
Test Conditions:	Tnom: 24.4°C, Vnom: 5.0 VDC
Antenna:	Rohde & Schwarz HK 116, Horizontal
Measurement distance:	3 m
Mode:	TX; BT (customer label BT2); 2441 MHz; DH5
Test Date:	2017-10-24
Note:	

Index 74

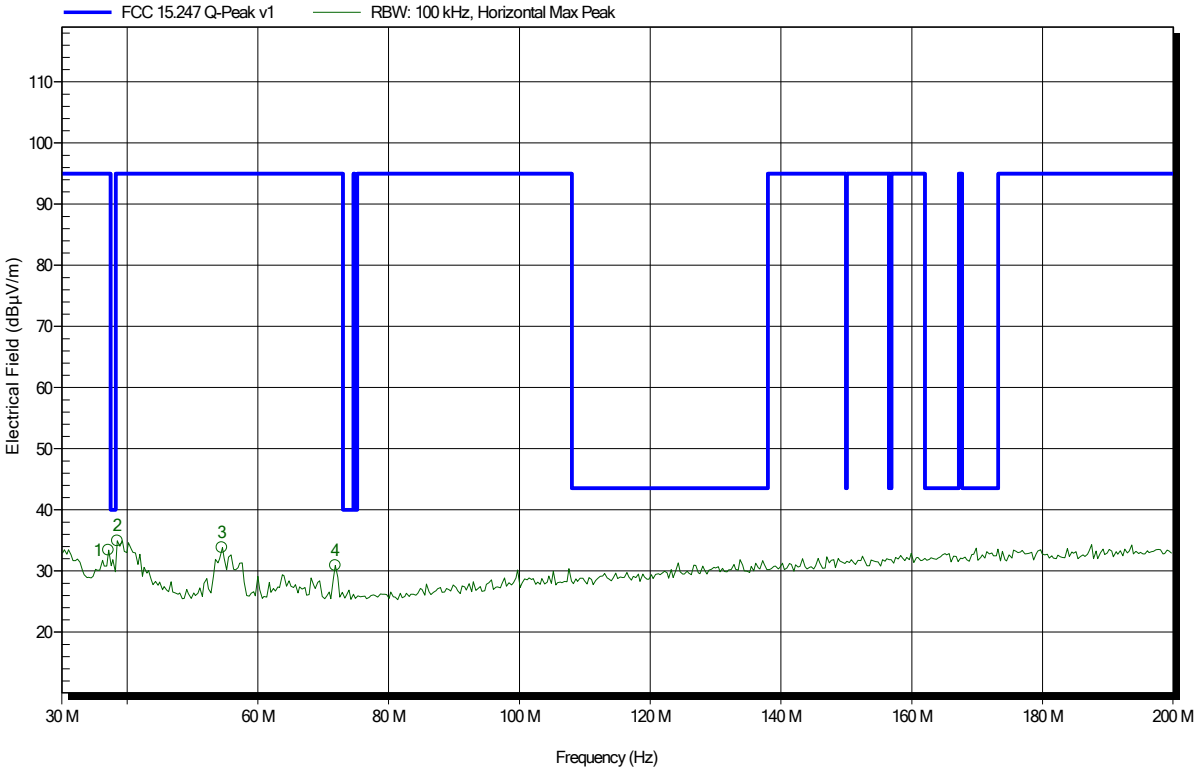


Frequency	Peak	Peak Limit	Peak Difference	Peak Status
59.58 MHz	33.76 dBµV/m	95 dBµV/m	-61.24 dB	Pass

Spurious emissions according to FCC 15.247

Project number:	G0M-1709-6878
Applicant:	peiker CEE GmbH
EUT Name:	CEECOACH
Model:	CC2
Test Site:	Eurofins Product Service GmbH
Operator:	Abdullah Al Jamal
Test Conditions:	Tnom: 24.4°C, Vnom: 5.0 VDC
Antenna:	Rohde & Schwarz HK 116, Horizontal
Measurement distance:	3 m
Mode:	TX; BT (customer label BT2); 2441 MHz; 3-DH5
Test Date:	2017-10-24
Note:	

Index 76

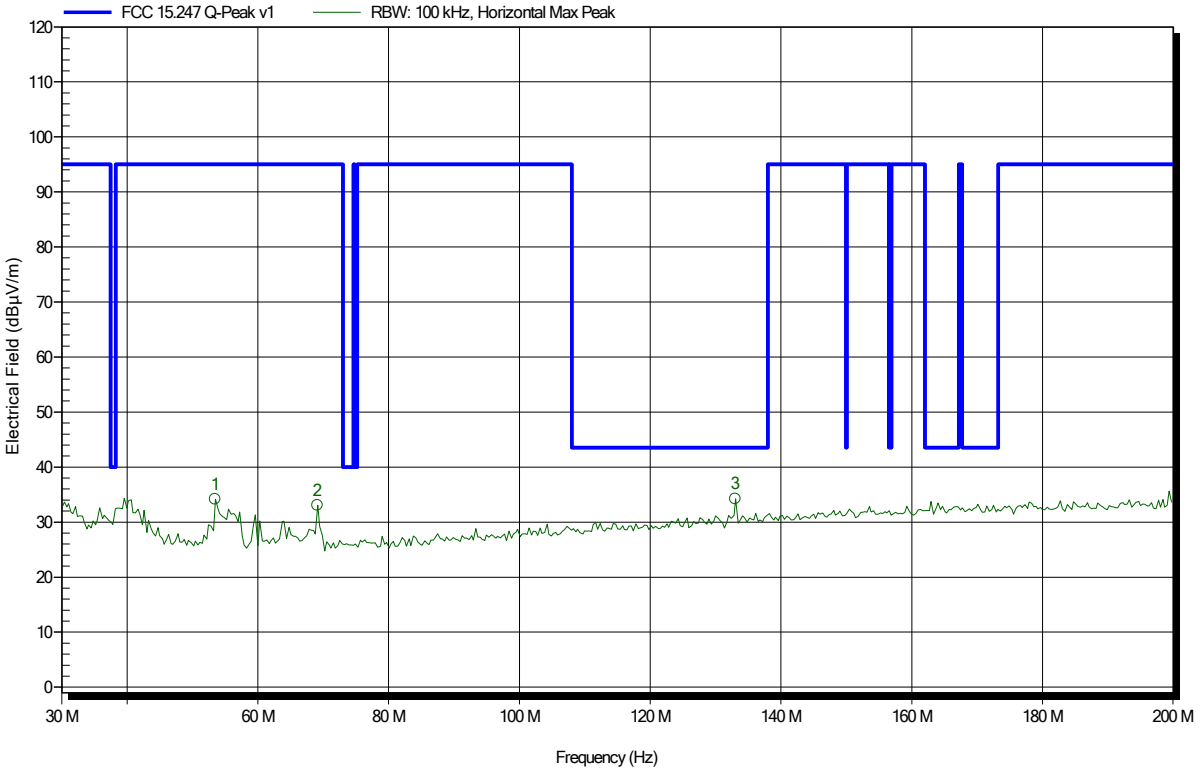


Frequency	Peak	Peak Limit	Peak Difference	Peak Status
37.14 MHz	33.45 dBµV/m	95 dBµV/m	-61.55 dB	Pass
38.5 MHz	34.94 dBµV/m	95 dBµV/m	-60.06 dB	Pass
54.48 MHz	33.86 dBµV/m	95 dBµV/m	-61.14 dB	Pass
71.82 MHz	30.91 dBµV/m	95 dBµV/m	-64.09 dB	Pass

Spurious emissions according to FCC 15.247

Project number:	G0M-1709-6878
Applicant:	peiker CEE GmbH
EUT Name:	CEECOACH
Model:	CC2
Test Site:	Eurofins Product Service GmbH
Operator:	Abdullah Al Jamal
Test Conditions:	Tnom: 24.4°C, Vnom: 5.0 VDC
Antenna:	Rohde & Schwarz HK 116, Horizontal
Measurement distance:	3 m
Mode:	TX; BT (customer label BT2); 2441 MHz; 2-DH5
Test Date:	2017-10-24
Note:	

Index 75

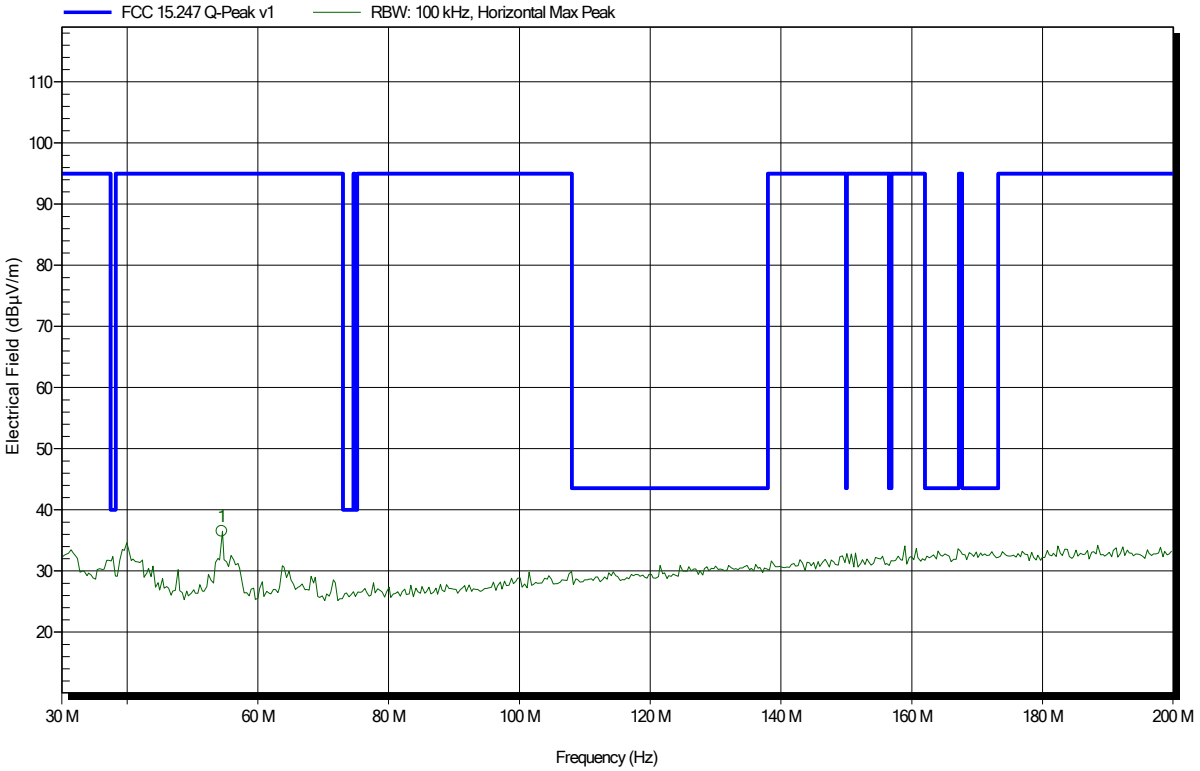


Frequency	Peak	Peak Limit	Peak Difference	Peak Status
133.02 MHz	34.23 dBµV/m	43.52 dBµV/m	-9.29 dB	Pass
53.46 MHz	34.15 dBµV/m	95 dBµV/m	-60.85 dB	Pass
69.1 MHz	33.05 dBµV/m	95 dBµV/m	-61.95 dB	Pass

Spurious emissions according to FCC 15.247

Project number:	G0M-1709-6878
Applicant:	peiker CEE GmbH
EUT Name:	CEECOACH
Model:	CC2
Test Site:	Eurofins Product Service GmbH
Operator:	Abdullah Al Jamal
Test Conditions:	Tnom: 24.4°C, Vnom: 5.0 VDC
Antenna:	Rohde & Schwarz HK 116, Horizontal
Measurement distance:	3 m
Mode:	TX; BT (customer label BT2); 2402 MHz; DH5
Test Date:	2017-10-24
Note:	

Index 77

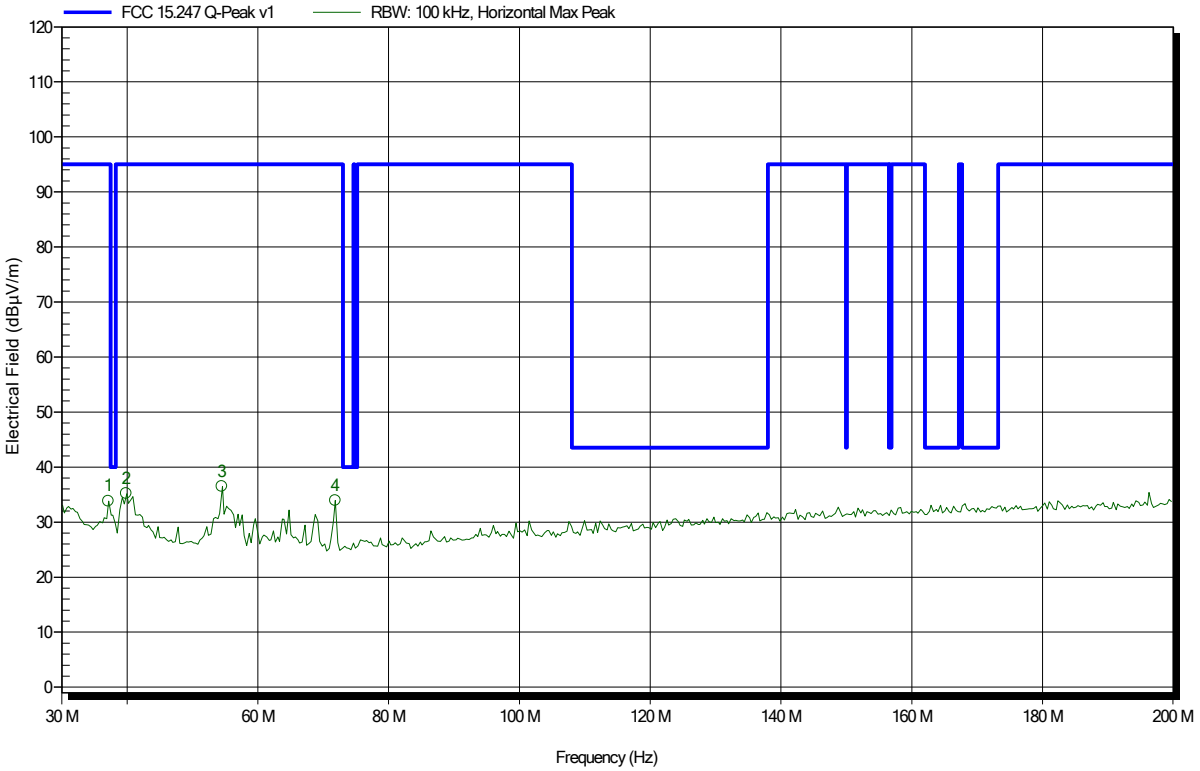


Frequency	Peak	Peak Limit	Peak Difference	Peak Status
54.48 MHz	36.53 dBµV/m	95 dBµV/m	-58.47 dB	Pass

Spurious emissions according to FCC 15.247

Project number:	G0M-1709-6878
Applicant:	peiker CEE GmbH
EUT Name:	CEECOACH
Model:	CC2
Test Site:	Eurofins Product Service GmbH
Operator:	Abdullah Al Jamal
Test Conditions:	Tnom: 24.4°C, Vnom: 5.0 VDC
Antenna:	Rohde & Schwarz HK 116, Horizontal
Measurement distance:	3 m
Mode:	TX; BT (customer label BT2); 2402 MHz; 3-DH5
Test Date:	2017-10-24
Note:	

Index 79

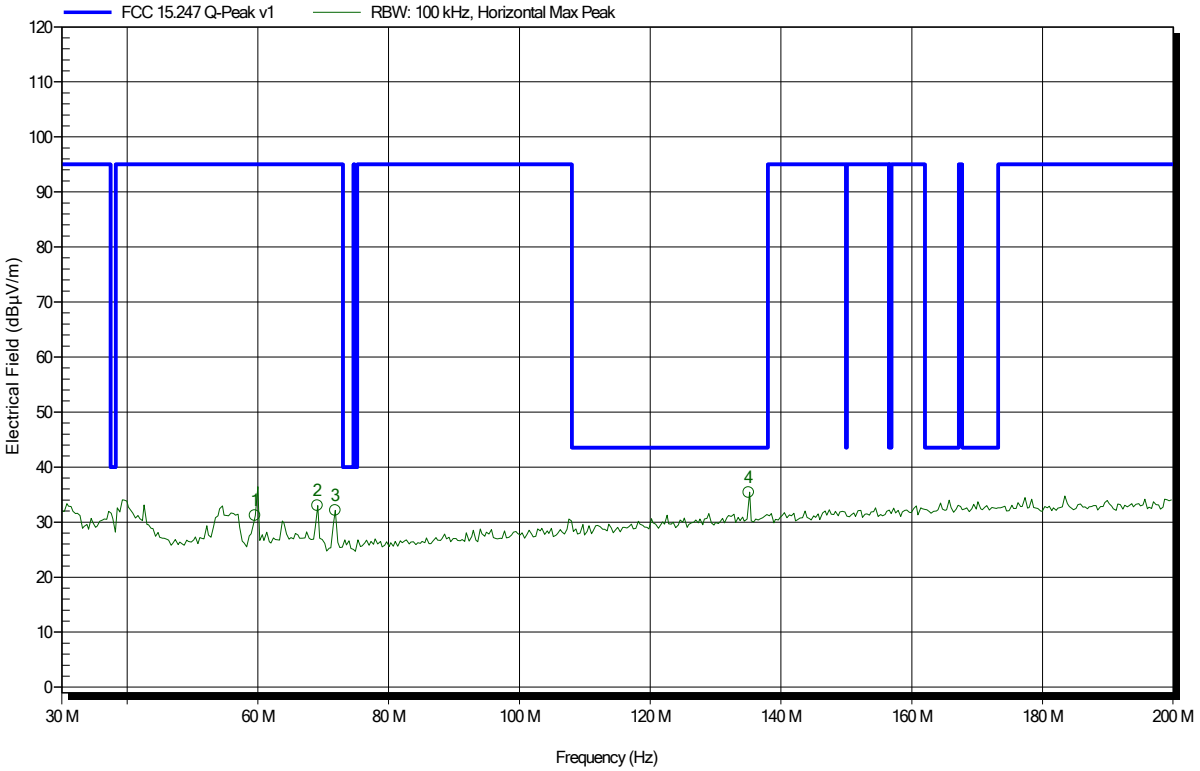


Frequency	Peak	Peak Limit	Peak Difference	Peak Status
37.14 MHz	33.81 dBµV/m	95 dBµV/m	-61.19 dB	Pass
39.86 MHz	35.2 dBµV/m	95 dBµV/m	-59.8 dB	Pass
54.48 MHz	36.47 dBµV/m	95 dBµV/m	-58.53 dB	Pass
71.82 MHz	33.93 dBµV/m	95 dBµV/m	-61.07 dB	Pass

Spurious emissions according to FCC 15.247

Project number:	G0M-1709-6878
Applicant:	peiker CEE GmbH
EUT Name:	CEECOACH
Model:	CC2
Test Site:	Eurofins Product Service GmbH
Operator:	Abdullah Al Jamal
Test Conditions:	Tnom: 24.4°C, Vnom: 5.0 VDC
Antenna:	Rohde & Schwarz HK 116, Horizontal
Measurement distance:	3 m
Mode:	TX; BT (customer label BT2); 2402 MHz; 2-DH5
Test Date:	2017-10-24
Note:	

Index 78

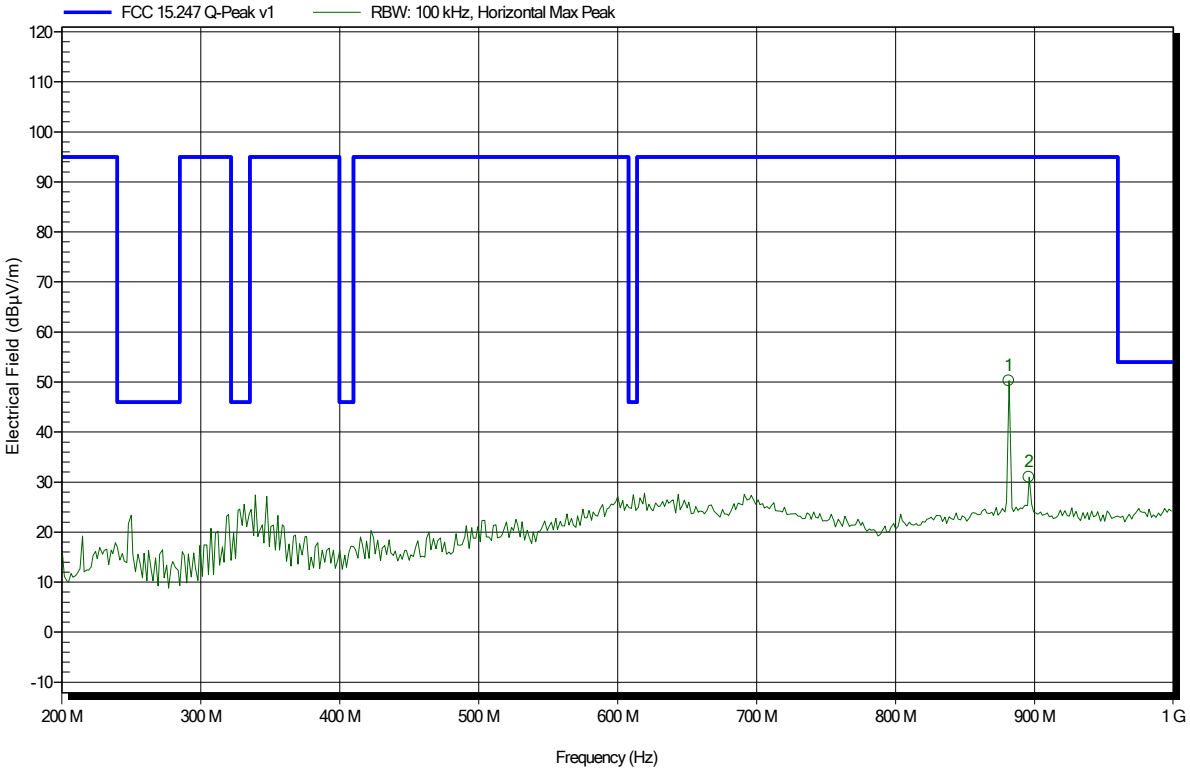


Frequency	Peak	Peak Limit	Peak Difference	Peak Status
135.06 MHz	35.42 dBµV/m	43.52 dBµV/m	-8.1 dB	Pass
59.58 MHz	31.21 dBµV/m	95 dBµV/m	-63.79 dB	Pass
69.1 MHz	33.01 dBµV/m	95 dBµV/m	-61.99 dB	Pass
71.82 MHz	32.11 dBµV/m	95 dBµV/m	-62.89 dB	Pass

Spurious emissions according to FCC 15.247

Project number:	G0M-1709-6878
Applicant:	peiker CEE GmbH
EUT Name:	CEECOACH
Model:	CC2
Test Site:	Eurofins Product Service GmbH
Operator:	Abdullah Al Jamal
Test Conditions:	Tnom: 24.4°C, Vnom: 5.0 VDC
Antenna:	Rohde & Schwarz HL 223, Horizontal
Measurement distance:	3 m
Mode:	TX; BT (customer label BT2); 2480 MHz; DH5
Test Date:	2017-10-24
Note:	

Index 86

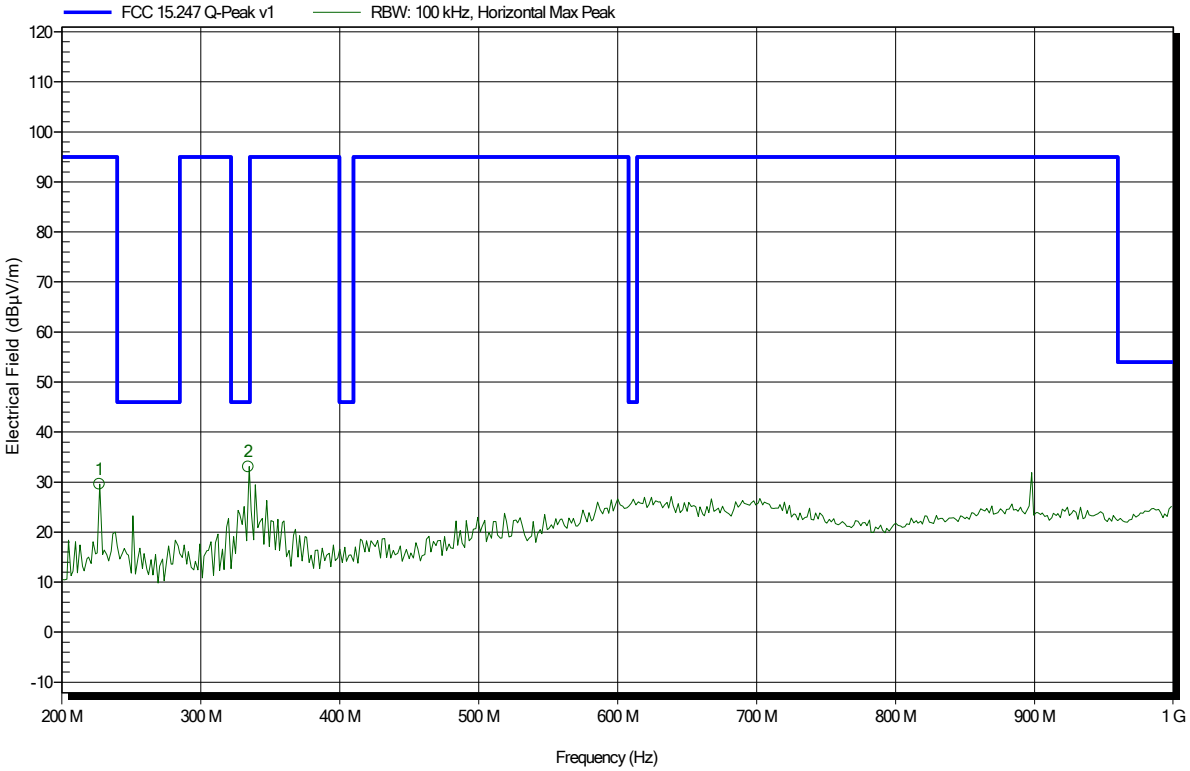


Frequency	Peak	Peak Limit	Peak Difference	Peak Status
881.6 MHz	50.26 dBµV/m	95 dBµV/m	-44.74 dB	Pass
896 MHz	30.98 dBµV/m	95 dBµV/m	-64.02 dB	Pass

Spurious emissions according to FCC 15.247

Project number:	G0M-1709-6878
Applicant:	peiker CEE GmbH
EUT Name:	CEECOACH
Model:	CC2
Test Site:	Eurofins Product Service GmbH
Operator:	Abdullah Al Jamal
Test Conditions:	Tnom: 24.4°C, Vnom: 5.0 VDC
Antenna:	Rohde & Schwarz HL 223, Horizontal
Measurement distance:	3 m
Mode:	TX; BT (customer label BT2); 2480 MHz; 3-DH5
Test Date:	2017-10-24
Note:	

Index 88

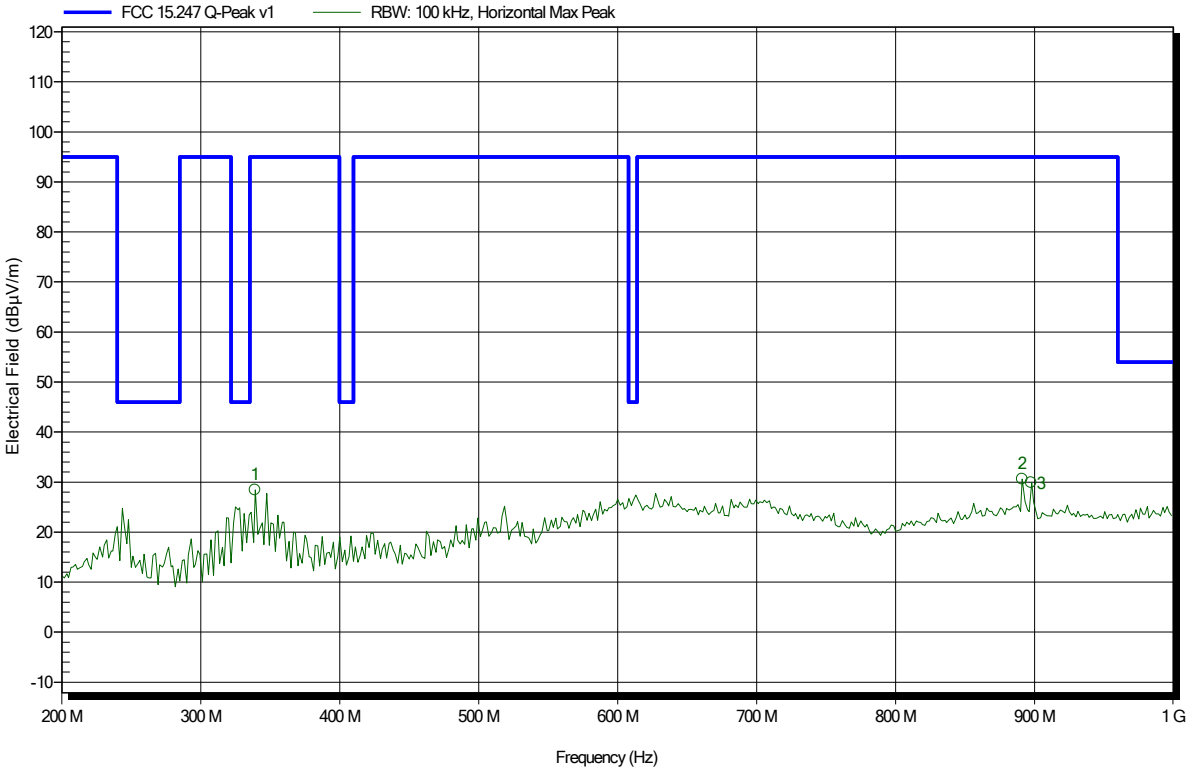


Frequency	Peak	Peak Limit	Peak Difference	Peak Status
227.2 MHz	29.58 dBµV/m	95 dBµV/m	-65.42 dB	Pass
334.4 MHz	33.08 dBµV/m	46 dBµV/m	-12.92 dB	Pass

Spurious emissions according to FCC 15.247

Project number:	G0M-1709-6878
Applicant:	peiker CEE GmbH
EUT Name:	CEECOACH
Model:	CC2
Test Site:	Eurofins Product Service GmbH
Operator:	Abdullah Al Jamal
Test Conditions:	Tnom: 24.4°C, Vnom: 5.0 VDC
Antenna:	Rohde & Schwarz HL 223, Horizontal
Measurement distance:	3 m
Mode:	TX; BT (customer label BT2); 2480 MHz; 2-DH5
Test Date:	2017-10-24
Note:	

Index 87

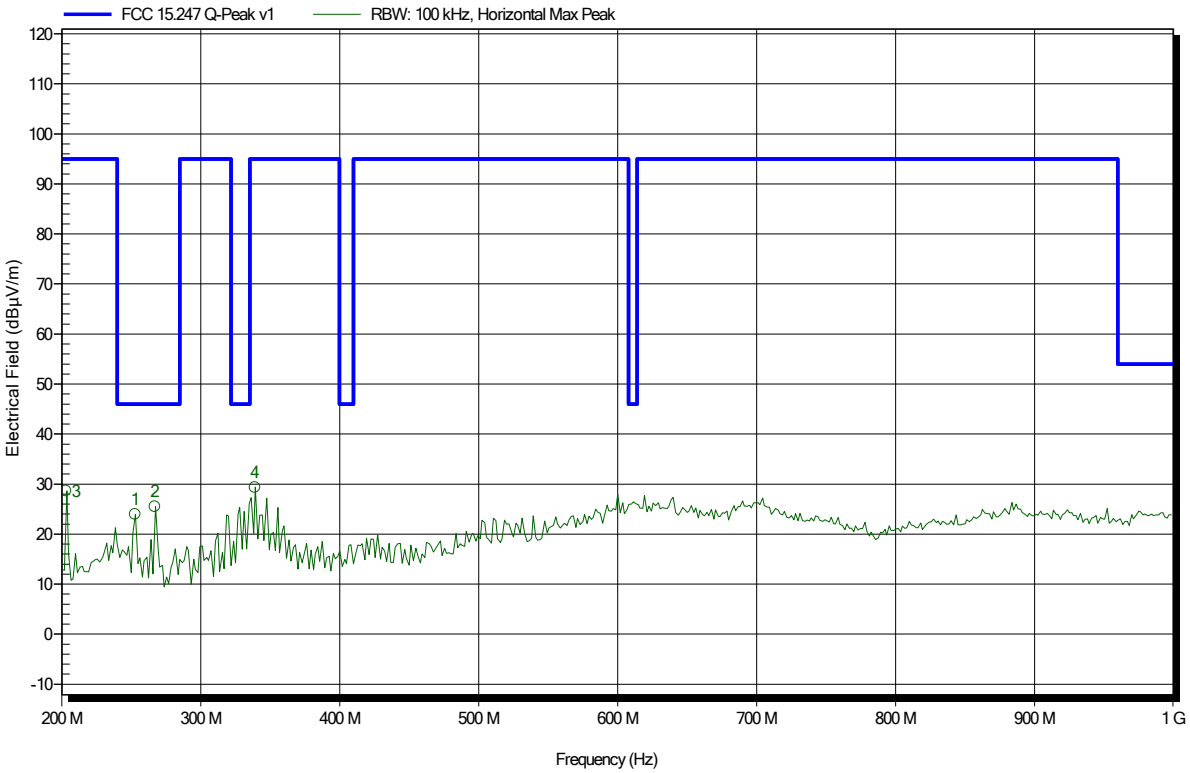


Frequency	Peak	Peak Limit	Peak Difference	Peak Status
339.2 MHz	28.43 dBµV/m	95 dBµV/m	-66.57 dB	Pass
891.2 MHz	30.63 dBµV/m	95 dBµV/m	-64.37 dB	Pass
897.6 MHz	29.93 dBµV/m	95 dBµV/m	-65.07 dB	Pass

Spurious emissions according to FCC 15.247

Project number:	G0M-1709-6878
Applicant:	peiker CEE GmbH
EUT Name:	CEECOACH
Model:	CC2
Test Site:	Eurofins Product Service GmbH
Operator:	Abdullah Al Jamal
Test Conditions:	Tnom: 24.4°C, Vnom: 5.0 VDC
Antenna:	Rohde & Schwarz HL 223, Horizontal
Measurement distance:	3 m
Mode:	TX; BT (customer label BT2); 2441 MHz; DH5
Test Date:	2017-10-24
Note:	

Index 83

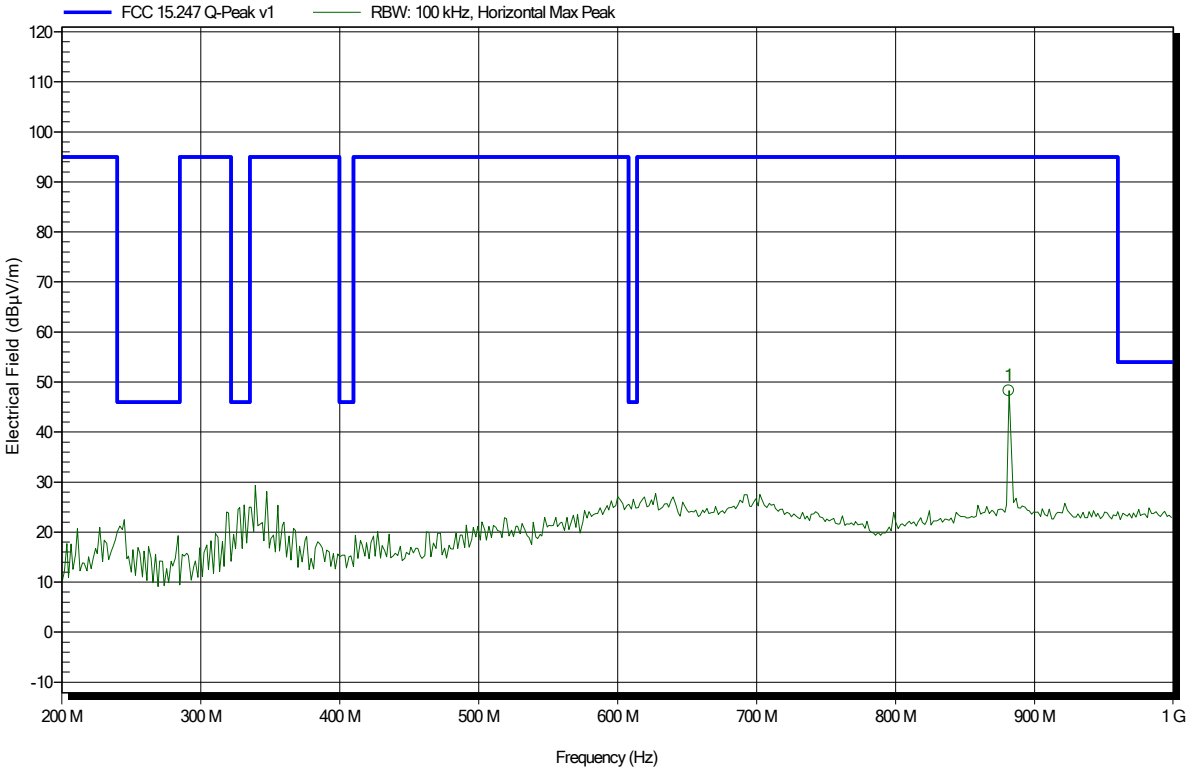


Frequency	Peak	Peak Limit	Peak Difference	Peak Status
203.2 MHz	28.64 dBµV/m	95 dBµV/m	-66.36 dB	Pass
252.8 MHz	23.94 dBµV/m	46 dBµV/m	-22.06 dB	Pass
267.2 MHz	25.47 dBµV/m	46 dBµV/m	-20.53 dB	Pass
339.2 MHz	29.36 dBµV/m	95 dBµV/m	-65.64 dB	Pass

Spurious emissions according to FCC 15.247

Project number:	G0M-1709-6878
Applicant:	peiker CEE GmbH
EUT Name:	CEECOACH
Model:	CC2
Test Site:	Eurofins Product Service GmbH
Operator:	Abdullah Al Jamal
Test Conditions:	Tnom: 24.4°C, Vnom: 5.0 VDC
Antenna:	Rohde & Schwarz HL 223, Horizontal
Measurement distance:	3 m
Mode:	TX; BT (customer label BT2); 2441 MHz; 3-DH5
Test Date:	2017-10-24
Note:	

Index 85

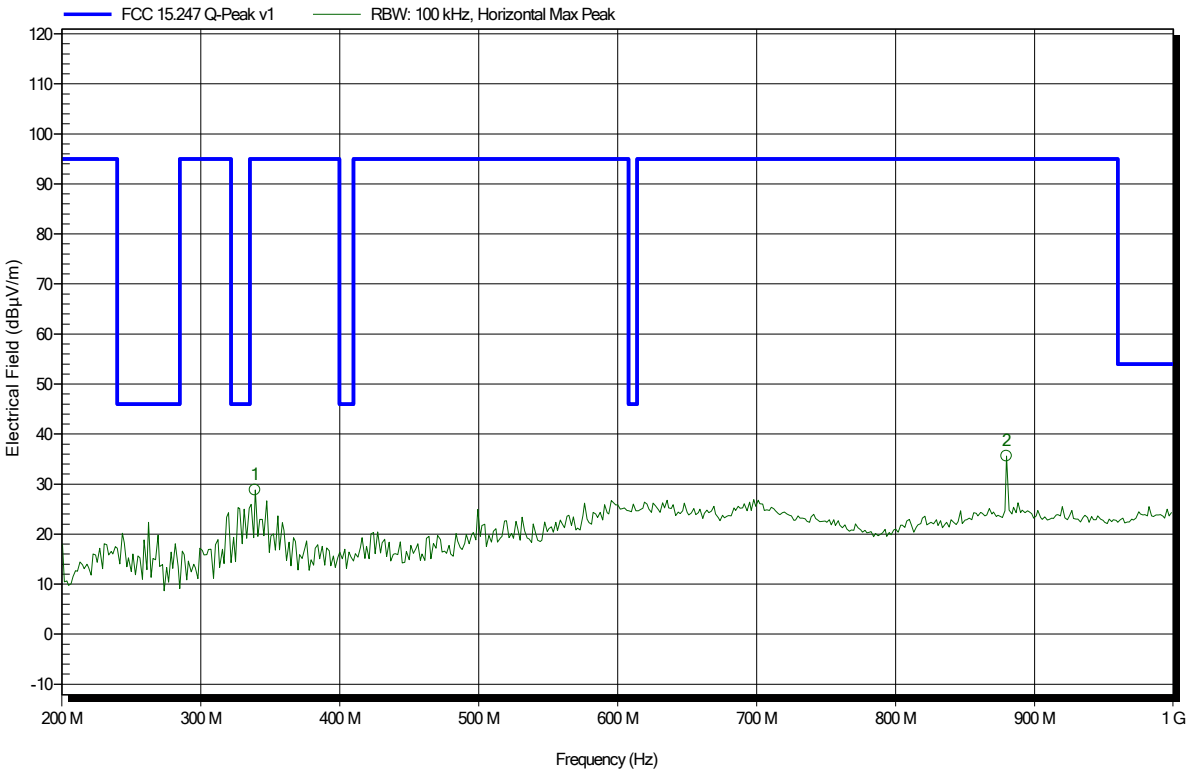


Frequency	Peak	Peak Limit	Peak Difference	Peak Status
881.6 MHz	48.25 dBµV/m	95 dBµV/m	-46.75 dB	Pass

Spurious emissions according to FCC 15.247

Project number:	G0M-1709-6878
Applicant:	peiker CEE GmbH
EUT Name:	CEECOACH
Model:	CC2
Test Site:	Eurofins Product Service GmbH
Operator:	Abdullah Al Jamal
Test Conditions:	Tnom: 24.4°C, Vnom: 5.0 VDC
Antenna:	Rohde & Schwarz HL 223, Horizontal
Measurement distance:	3 m
Mode:	TX; BT (customer label BT2); 2441 MHz; 2-DH5
Test Date:	2017-10-24
Note:	

Index 84

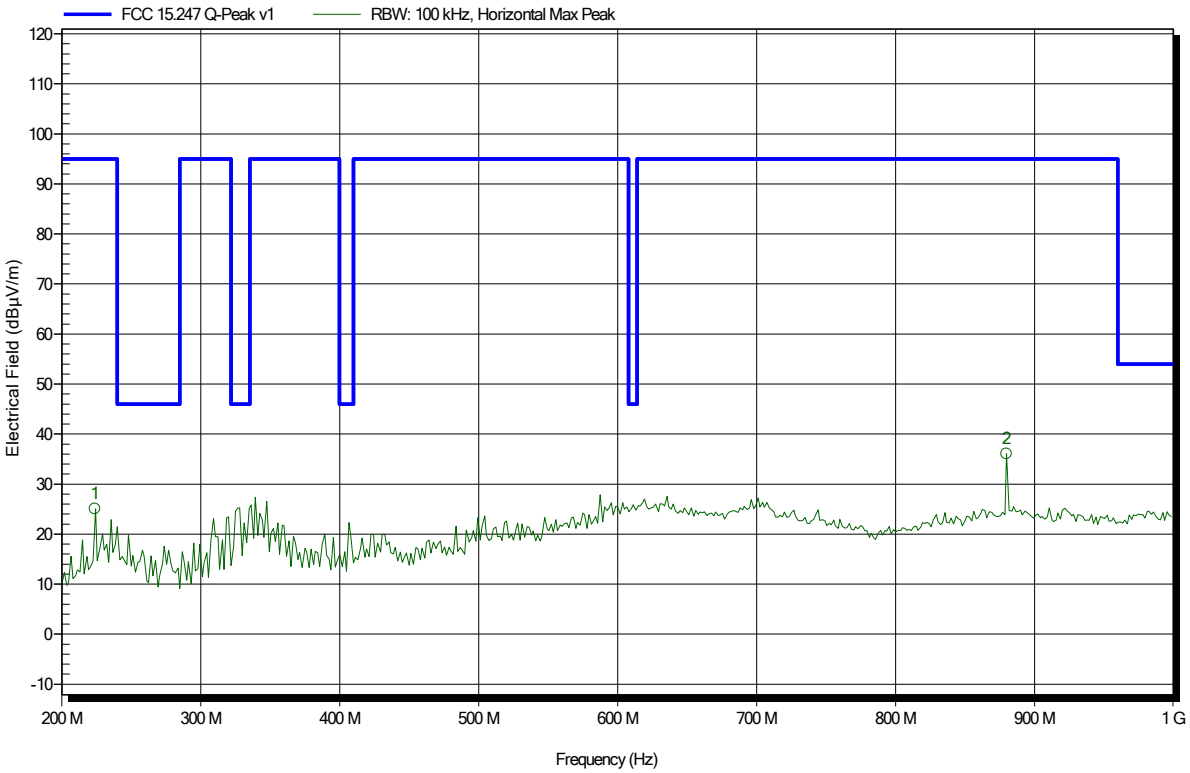


Frequency	Peak	Peak Limit	Peak Difference	Peak Status
339.2 MHz	28.84 dBµV/m	95 dBµV/m	-66.16 dB	Pass
880 MHz	35.64 dBµV/m	95 dBµV/m	-59.36 dB	Pass

Spurious emissions according to FCC 15.247

Project number:	G0M-1709-6878
Applicant:	peiker CEE GmbH
EUT Name:	CEECOACH
Model:	CC2
Test Site:	Eurofins Product Service GmbH
Operator:	Abdullah Al Jamal
Test Conditions:	Tnom: 24.4°C, Vnom: 5.0 VDC
Antenna:	Rohde & Schwarz HL 223, Horizontal
Measurement distance:	3 m
Mode:	TX; BT (customer label BT2); 2402 MHz; DH5
Test Date:	2017-10-24
Note:	

Index 80

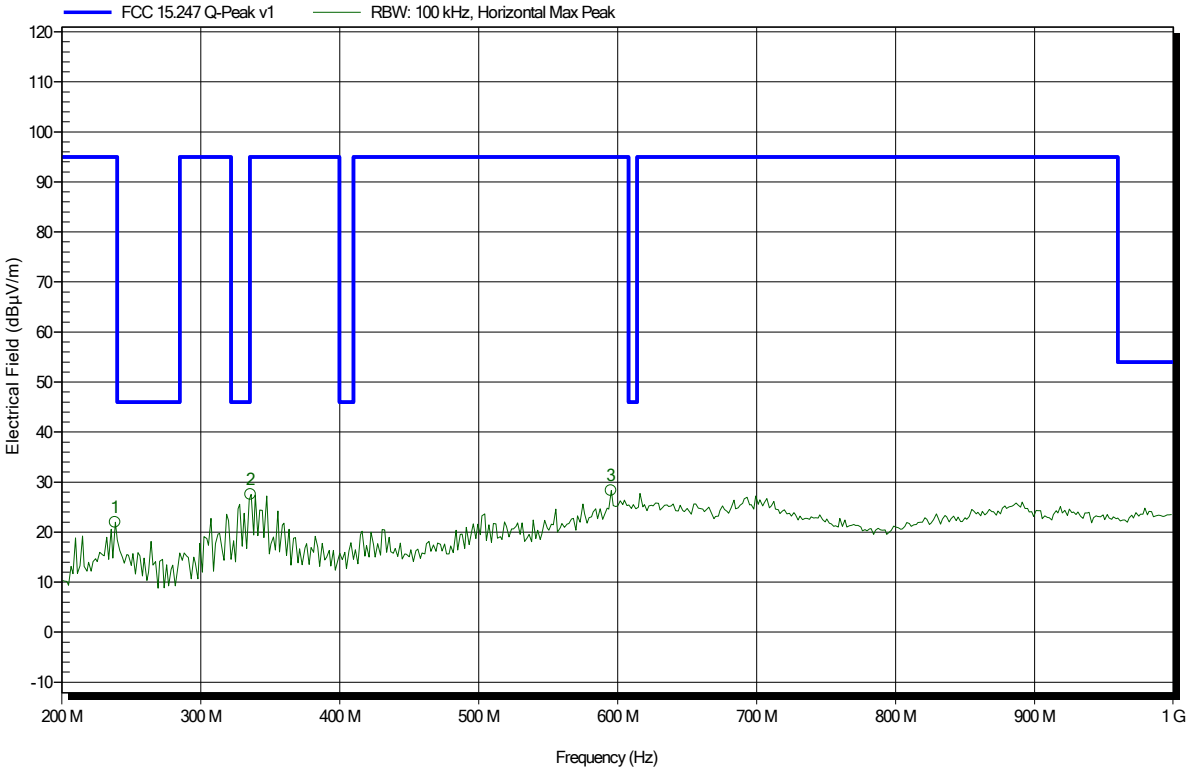


Frequency	Peak	Peak Limit	Peak Difference	Peak Status
224 MHz	25.03 dBµV/m	95 dBµV/m	-69.97 dB	Pass
880 MHz	36.06 dBµV/m	95 dBµV/m	-58.94 dB	Pass

Spurious emissions according to FCC 15.247

Project number:	G0M-1709-6878
Applicant:	peiker CEE GmbH
EUT Name:	CEECOACH
Model:	CC2
Test Site:	Eurofins Product Service GmbH
Operator:	Abdullah Al Jamal
Test Conditions:	Tnom: 24.4°C, Vnom: 5.0 VDC
Antenna:	Rohde & Schwarz HL 223, Horizontal
Measurement distance:	3 m
Mode:	TX; BT (customer label BT2); 2402 MHz; 3-DH5
Test Date:	2017-10-24
Note:	

Index 82

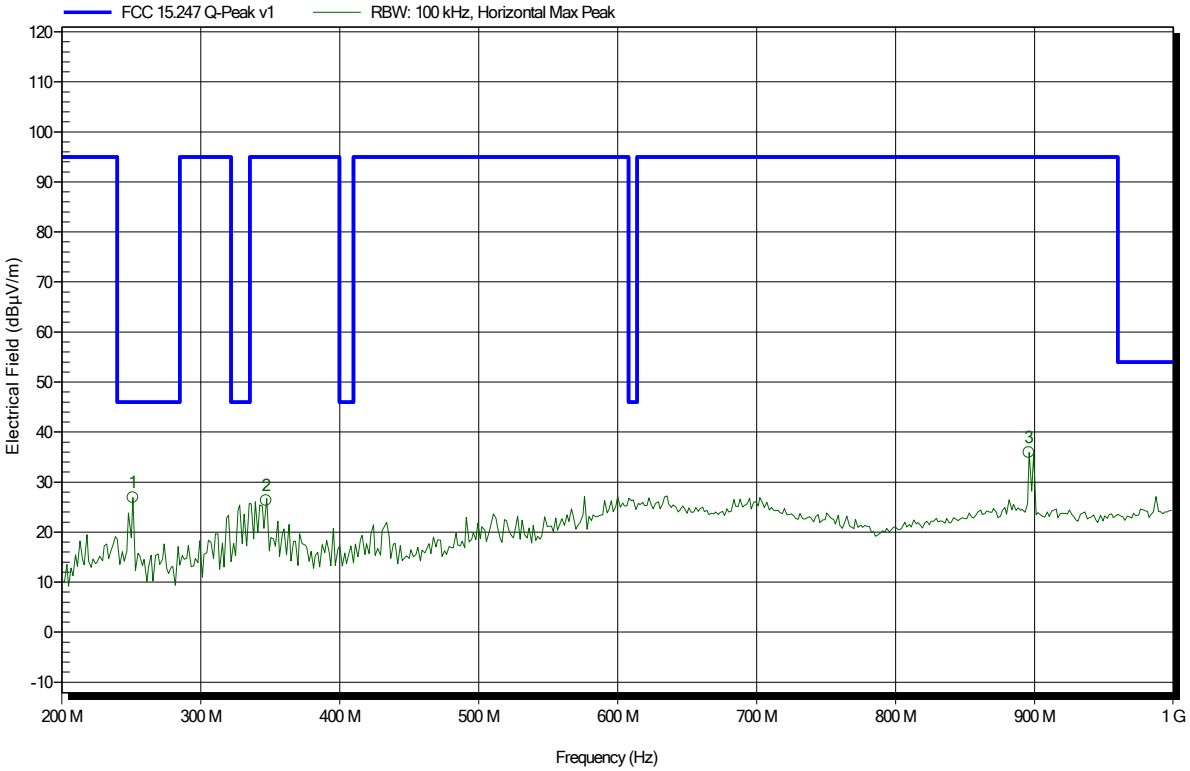


Frequency	Peak	Peak Limit	Peak Difference	Peak Status
238.4 MHz	21.96 dBµV/m	95 dBµV/m	-73.04 dB	Pass
336 MHz	27.52 dBµV/m	95 dBµV/m	-67.48 dB	Pass
595.2 MHz	28.31 dBµV/m	95 dBµV/m	-66.69 dB	Pass

Spurious emissions according to FCC 15.247

Project number:	G0M-1709-6878
Applicant:	peiker CEE GmbH
EUT Name:	CEECOACH
Model:	CC2
Test Site:	Eurofins Product Service GmbH
Operator:	Abdullah Al Jamal
Test Conditions:	Tnom: 24.4°C, Vnom: 5.0 VDC
Antenna:	Rohde & Schwarz HL 223, Horizontal
Measurement distance:	3 m
Mode:	TX; BT (customer label BT2); 2402 MHz; 2-DH5
Test Date:	2017-10-24
Note:	

Index 81

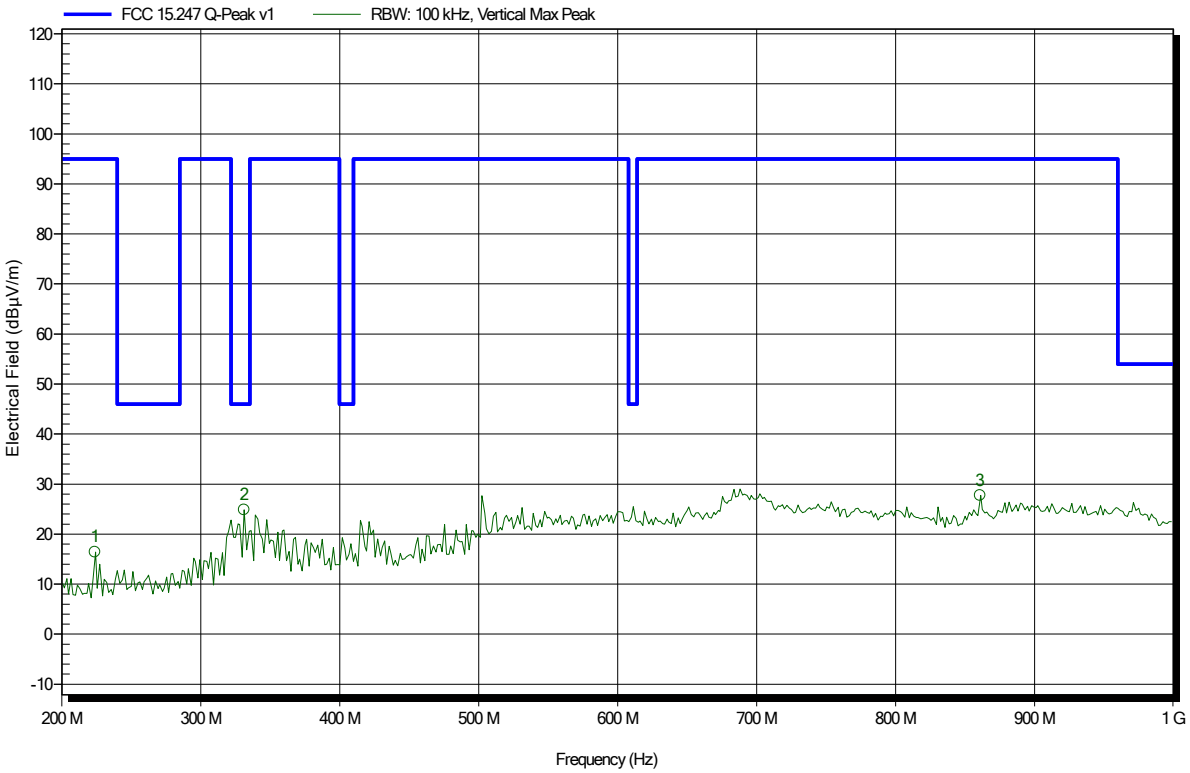


Frequency	Peak	Peak Limit	Peak Difference	Peak Status
251.2 MHz	26.91 dBµV/m	46 dBµV/m	-19.09 dB	Pass
347.2 MHz	26.35 dBµV/m	95 dBµV/m	-68.65 dB	Pass
896 MHz	35.91 dBµV/m	95 dBµV/m	-59.09 dB	Pass

Spurious emissions according to FCC 15.247

Project number:	G0M-1709-6878
Applicant:	peiker CEE GmbH
EUT Name:	CEECOACH
Model:	CC2
Test Site:	Eurofins Product Service GmbH
Operator:	Abdullah Al Jamal
Test Conditions:	Tnom: 24.4°C, Vnom: 5.0 VDC
Antenna:	Rohde & Schwarz HL 223, Vertical
Measurement distance:	3 m
Mode:	TX; BT (customer label BT2); 2480 MHz; DH5
Test Date:	2017-10-24
Note:	

Index 89

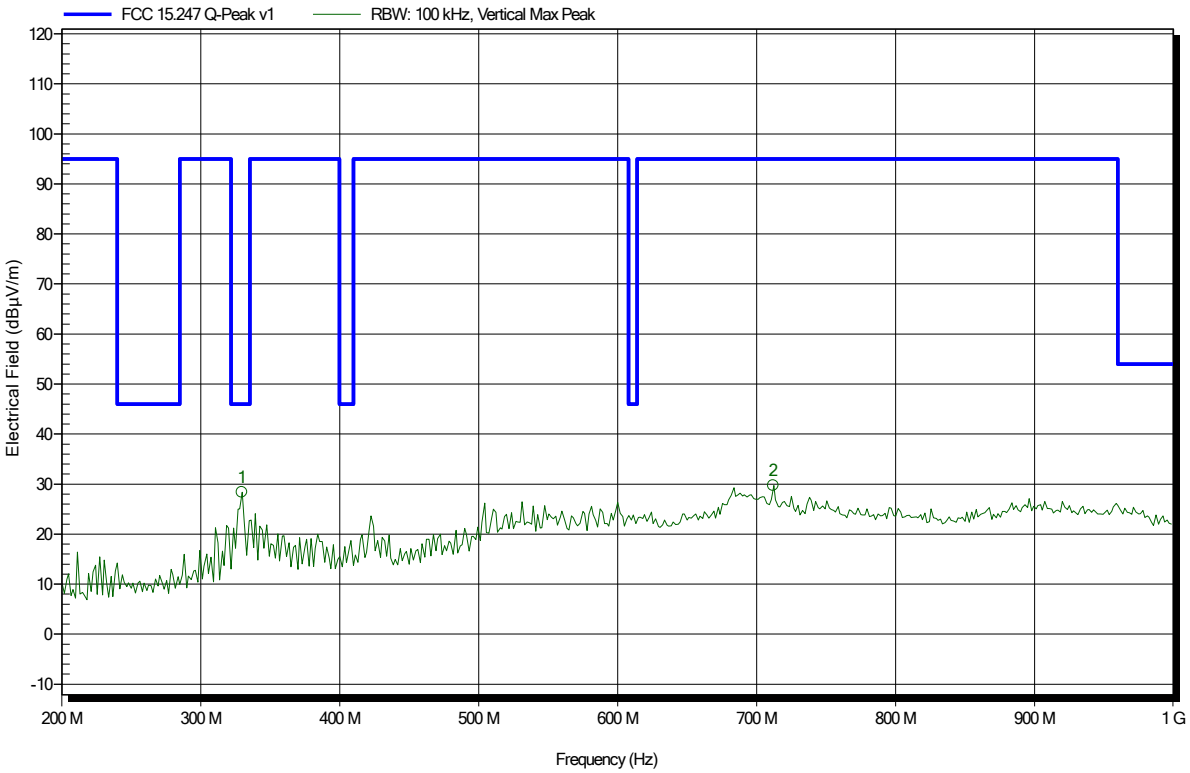


Frequency	Peak	Peak Limit	Peak Difference	Peak Status
224 MHz	16.39 dBµV/m	95 dBµV/m	-78.61 dB	Pass
331.2 MHz	24.83 dBµV/m	46 dBµV/m	-21.17 dB	Pass
860.8 MHz	27.72 dBµV/m	95 dBµV/m	-67.28 dB	Pass

Spurious emissions according to FCC 15.247

Project number:	G0M-1709-6878
Applicant:	peiker CEE GmbH
EUT Name:	CEECOACH
Model:	CC2
Test Site:	Eurofins Product Service GmbH
Operator:	Abdullah Al Jamal
Test Conditions:	Tnom: 24.4°C, Vnom: 5.0 VDC
Antenna:	Rohde & Schwarz HL 223, Vertical
Measurement distance:	3 m
Mode:	TX; BT (customer label BT2); 2480 MHz; 3-DH5
Test Date:	2017-10-24
Note:	

Index 91

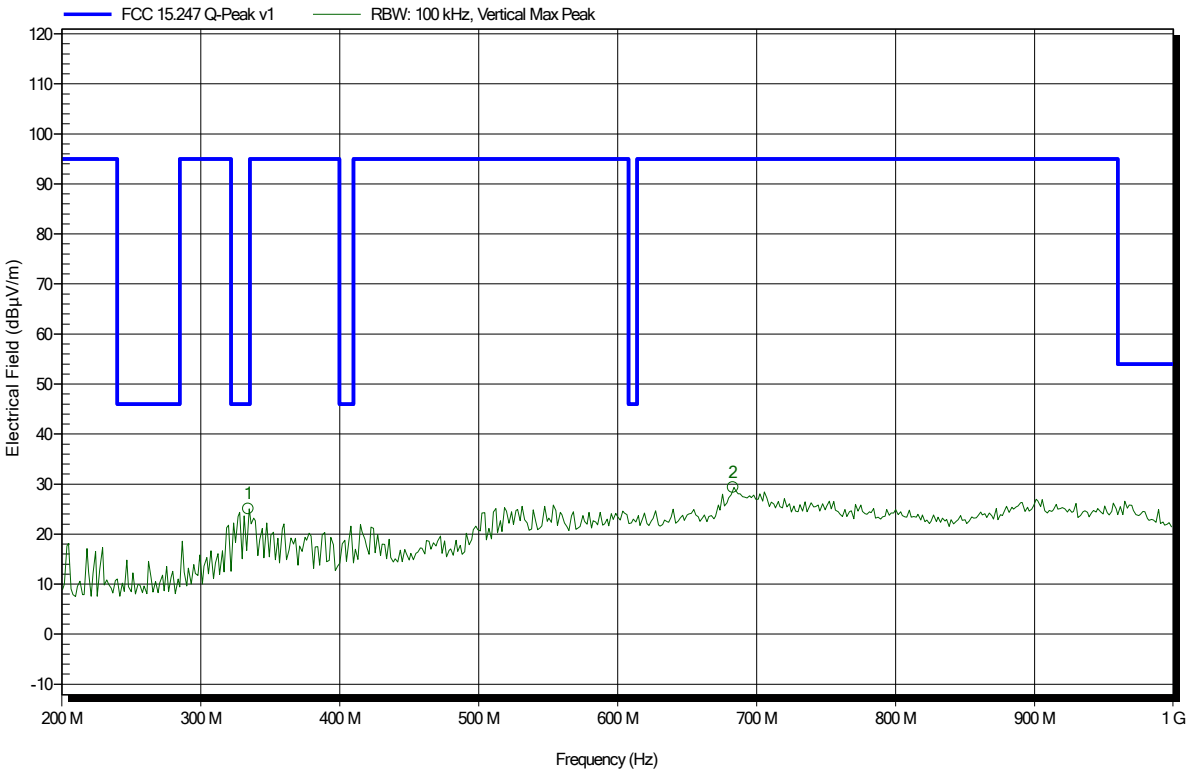


Frequency	Peak	Peak Limit	Peak Difference	Peak Status
329.6 MHz	28.38 dBµV/m	46 dBµV/m	-17.62 dB	Pass
712 MHz	29.72 dBµV/m	95 dBµV/m	-65.28 dB	Pass

Spurious emissions according to FCC 15.247

Project number:	G0M-1709-6878
Applicant:	peiker CEE GmbH
EUT Name:	CEECOACH
Model:	CC2
Test Site:	Eurofins Product Service GmbH
Operator:	Abdullah Al Jamal
Test Conditions:	Tnom: 24.4°C, Vnom: 5.0 VDC
Antenna:	Rohde & Schwarz HL 223, Vertical
Measurement distance:	3 m
Mode:	TX; BT (customer label BT2); 2480 MHz; 2-DH5
Test Date:	2017-10-24
Note:	

Index 90

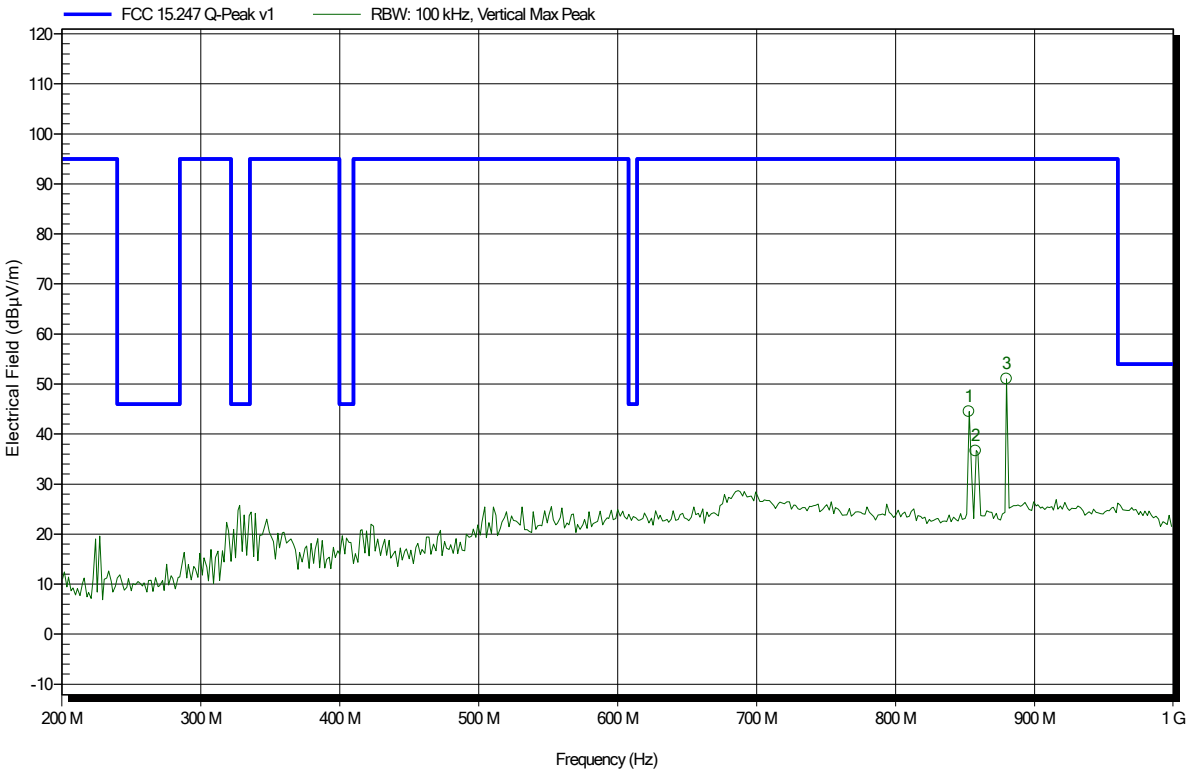


Frequency	Peak	Peak Limit	Peak Difference	Peak Status
334.4 MHz	25.02 dBµV/m	46 dBµV/m	-20.98 dB	Pass
683.2 MHz	29.34 dBµV/m	95 dBµV/m	-65.66 dB	Pass

Spurious emissions according to FCC 15.247

Project number:	G0M-1709-6878
Applicant:	peiker CEE GmbH
EUT Name:	CEECOACH
Model:	CC2
Test Site:	Eurofins Product Service GmbH
Operator:	Abdullah Al Jamal
Test Conditions:	Tnom: 24.4°C, Vnom: 5.0 VDC
Antenna:	Rohde & Schwarz HL 223, Vertical
Measurement distance:	3 m
Mode:	TX; BT (customer label BT2); 2441 MHz; DH5
Test Date:	2017-10-24
Note:	

Index 92

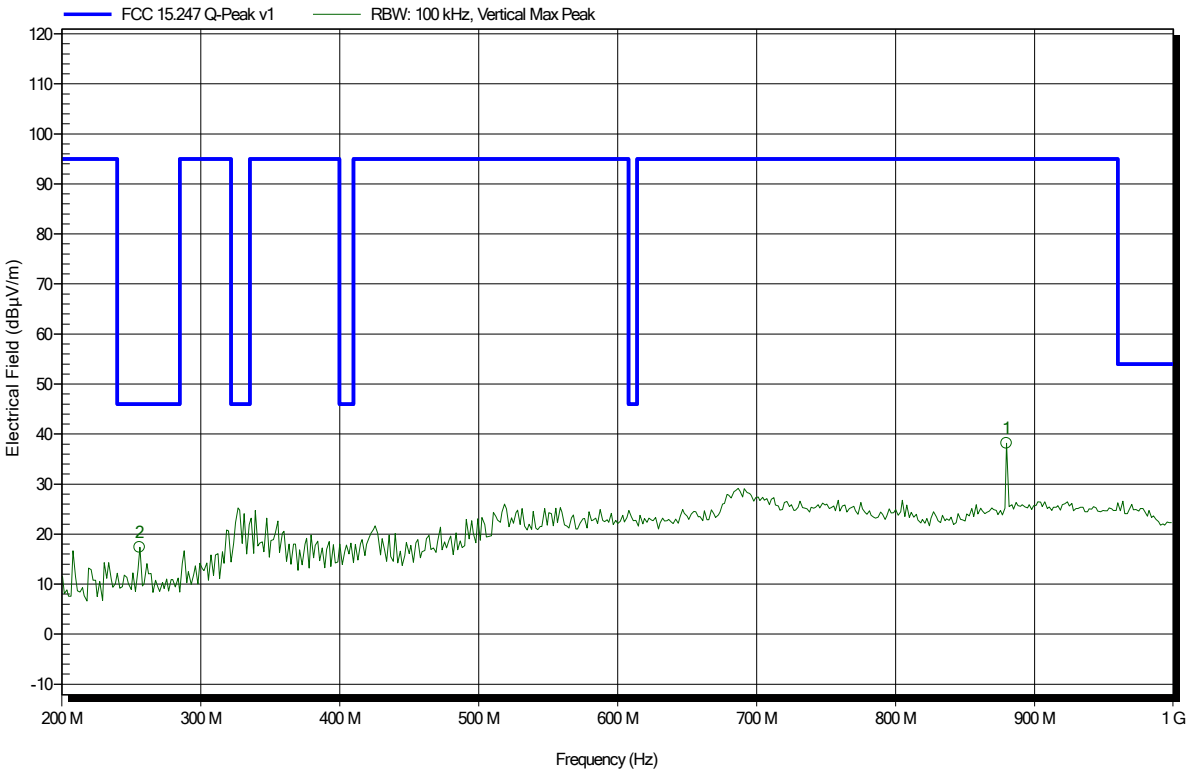


Frequency	Peak	Peak Limit	Peak Difference	Peak Status
852.8 MHz	44.48 dBµV/m	95 dBµV/m	-50.52 dB	Pass
857.6 MHz	36.66 dBµV/m	95 dBµV/m	-58.34 dB	Pass
880 MHz	51.03 dBµV/m	95 dBµV/m	-43.97 dB	Pass

Spurious emissions according to FCC 15.247

Project number:	G0M-1709-6878
Applicant:	peiker CEE GmbH
EUT Name:	CEECOACH
Model:	CC2
Test Site:	Eurofins Product Service GmbH
Operator:	Abdullah Al Jamal
Test Conditions:	Tnom: 24.4°C, Vnom: 5.0 VDC
Antenna:	Rohde & Schwarz HL 223, Vertical
Measurement distance:	3 m
Mode:	TX; BT (customer label BT2); 2441 MHz; 3-DH5
Test Date:	2017-10-24
Note:	

Index 94

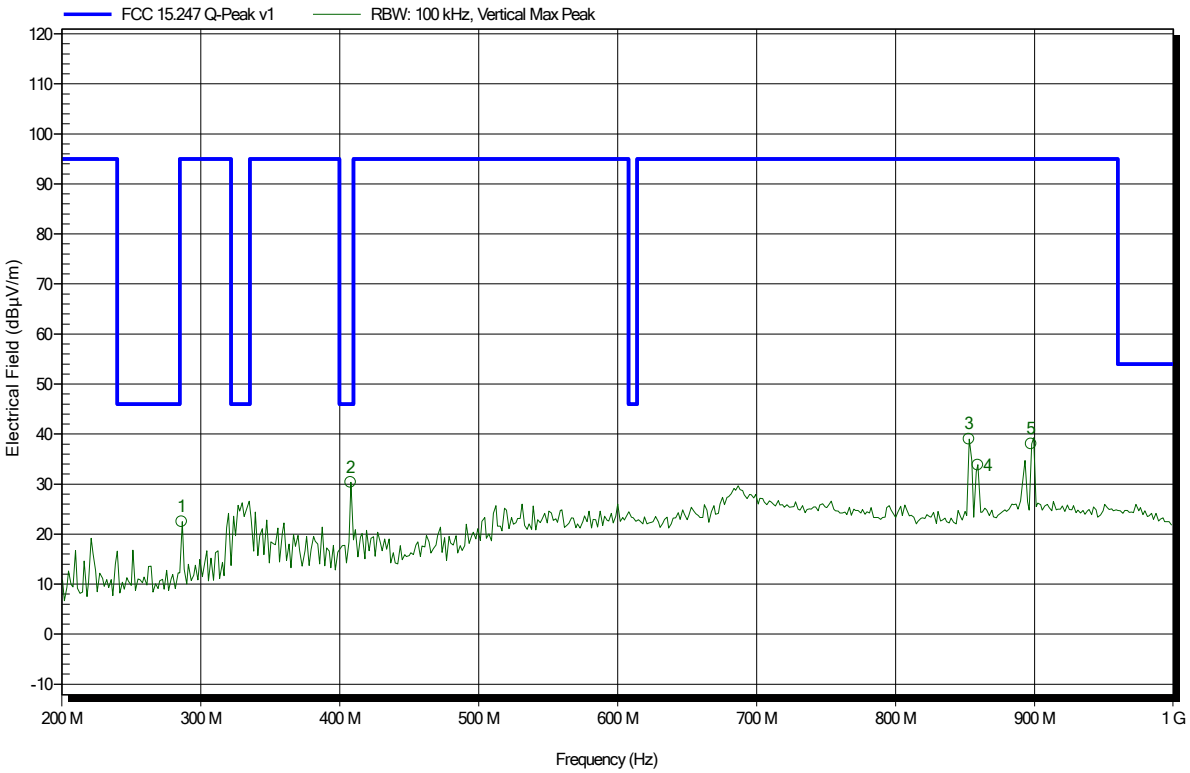


Frequency	Peak	Peak Limit	Peak Difference	Peak Status
256 MHz	17.38 dBµV/m	46 dBµV/m	-28.62 dB	Pass
880 MHz	38.16 dBµV/m	95 dBµV/m	-56.84 dB	Pass

Spurious emissions according to FCC 15.247

Project number:	G0M-1709-6878
Applicant:	peiker CEE GmbH
EUT Name:	CEECOACH
Model:	CC2
Test Site:	Eurofins Product Service GmbH
Operator:	Abdullah Al Jamal
Test Conditions:	Tnom: 24.4°C, Vnom: 5.0 VDC
Antenna:	Rohde & Schwarz HL 223, Vertical
Measurement distance:	3 m
Mode:	TX; BT (customer label BT2); 2441 MHz; 2-DH5
Test Date:	2017-10-24
Note:	

Index 93

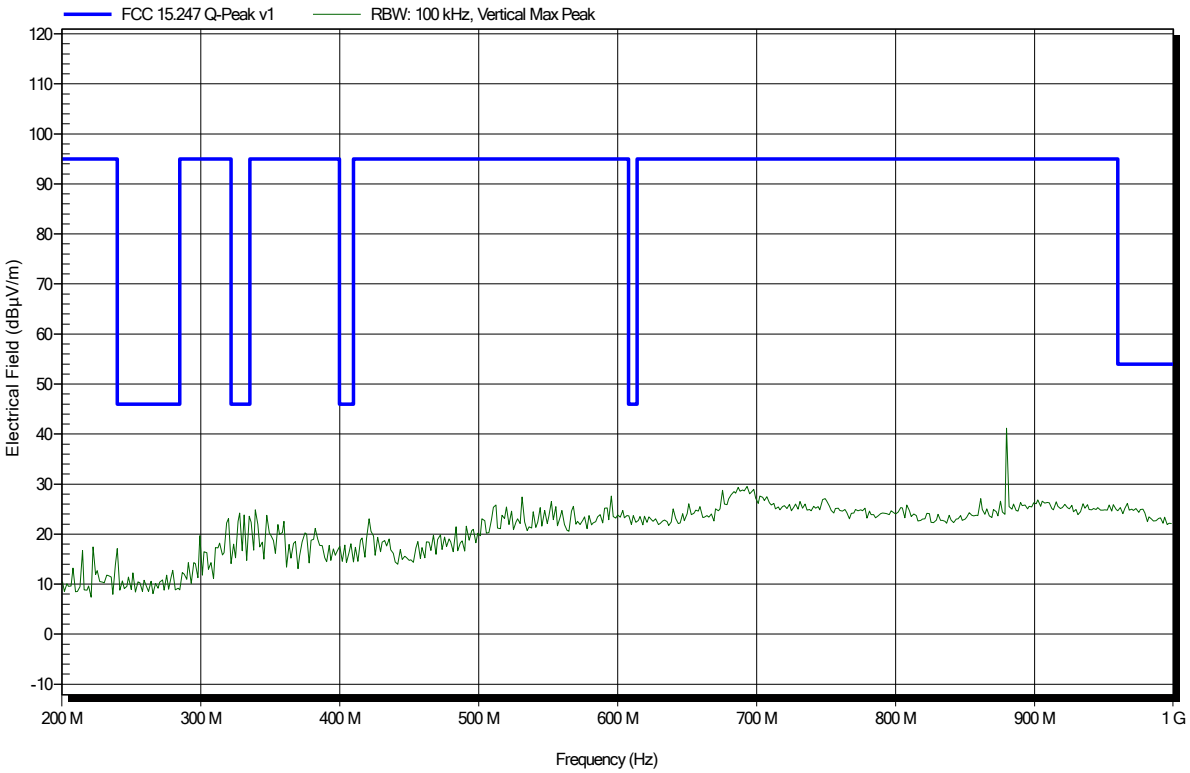


Frequency	Peak	Peak Limit	Peak Difference	Peak Status
286.4 MHz	22.46 dBµV/m	95 dBµV/m	-72.54 dB	Pass
408 MHz	30.35 dBµV/m	46 dBµV/m	-15.65 dB	Pass
852.8 MHz	38.97 dBµV/m	95 dBµV/m	-56.03 dB	Pass
859.2 MHz	33.84 dBµV/m	95 dBµV/m	-61.16 dB	Pass
897.6 MHz	38.05 dBµV/m	95 dBµV/m	-56.95 dB	Pass

Spurious emissions according to FCC 15.247

Project number:	G0M-1709-6878
Applicant:	peiker CEE GmbH
EUT Name:	CEECOACH
Model:	CC2
Test Site:	Eurofins Product Service GmbH
Operator:	Abdullah Al Jamal
Test Conditions:	Tnom: 24.5°C, Vnom: 5.0 VDC
Antenna:	Rohde & Schwarz HL 223, Vertical
Measurement distance:	3 m
Mode:	TX; BT (customer label BT2); 2402 MHz; DH5
Test Date:	2017-10-24
Note:	

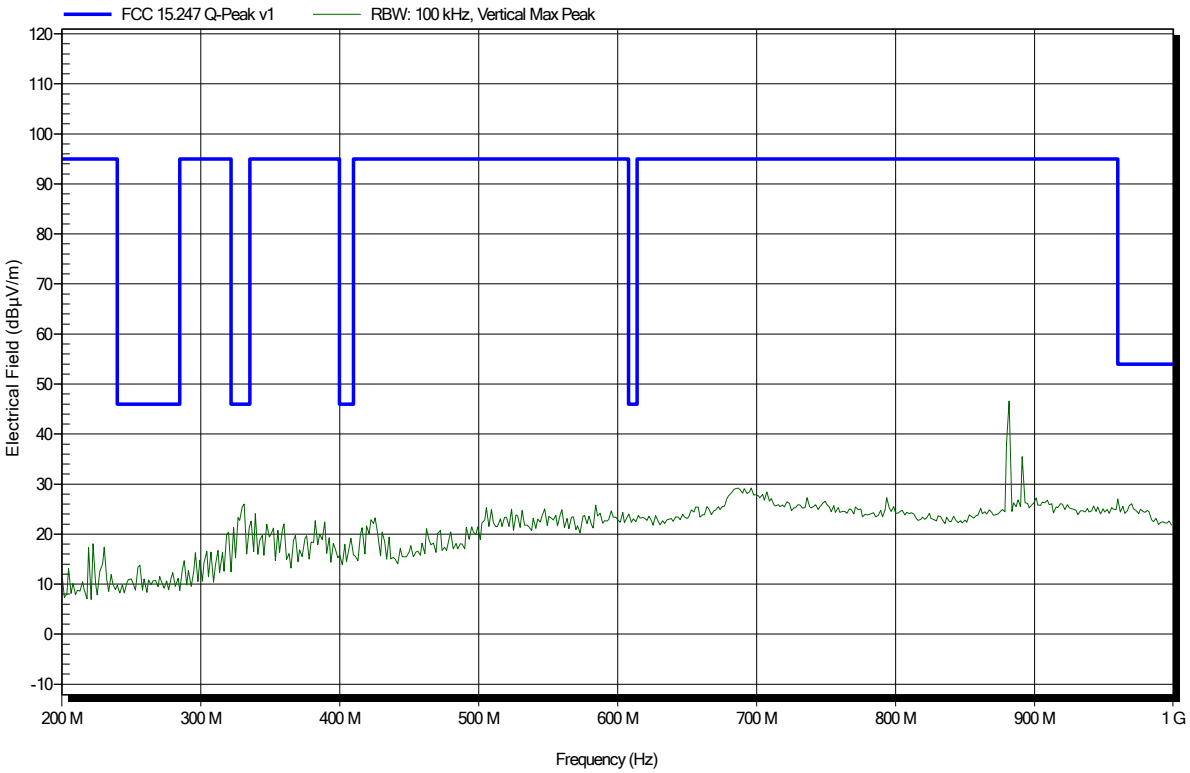
Index 95



Spurious emissions according to FCC 15.247

Project number:	G0M-1709-6878
Applicant:	peiker CEE GmbH
EUT Name:	CEECOACH
Model:	CC2
Test Site:	Eurofins Product Service GmbH
Operator:	Abdullah Al Jamal
Test Conditions:	Tnom: 24.5°C, Vnom: 5.0 VDC
Antenna:	Rohde & Schwarz HL 223, Vertical
Measurement distance:	3 m
Mode:	TX; BT (customer label BT2); 2402 MHz; 3-DH5
Test Date:	2017-10-24
Note:	

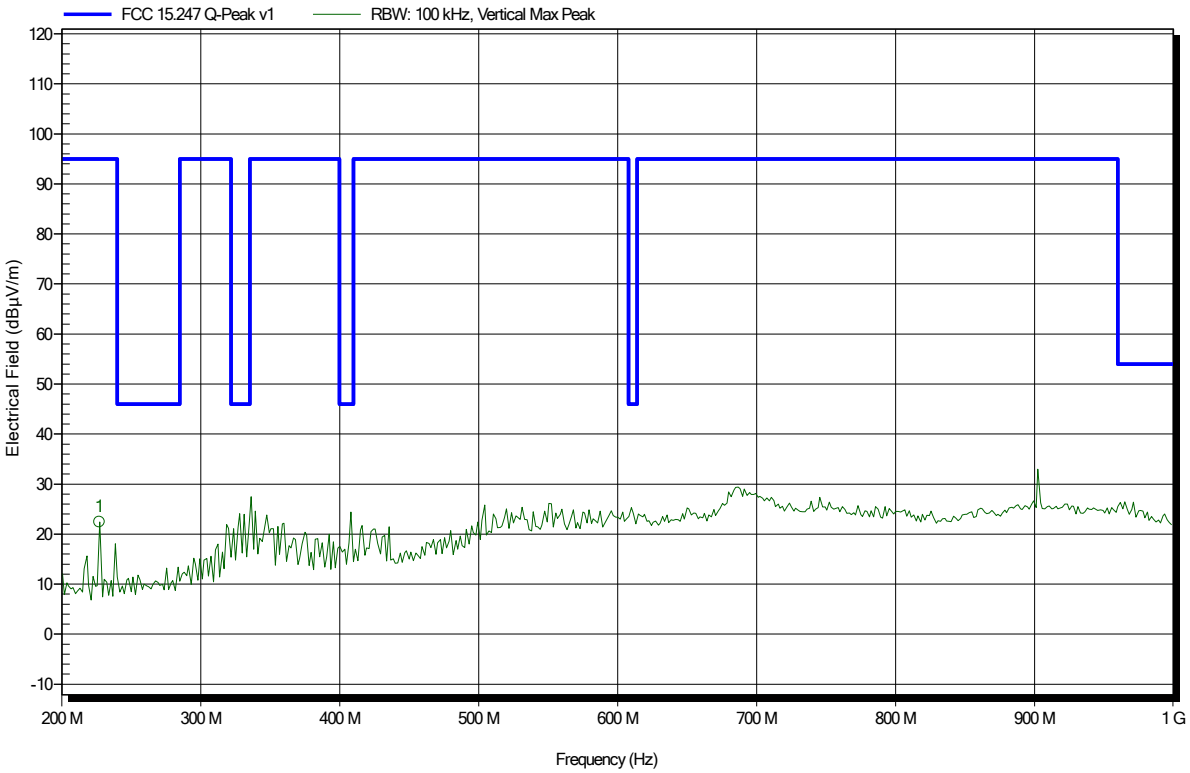
Index 97



Spurious emissions according to FCC 15.247

Project number:	G0M-1709-6878
Applicant:	peiker CEE GmbH
EUT Name:	CEECOACH
Model:	CC2
Test Site:	Eurofins Product Service GmbH
Operator:	Abdullah Al Jamal
Test Conditions:	Tnom: 24.5°C, Vnom: 5.0 VDC
Antenna:	Rohde & Schwarz HL 223, Vertical
Measurement distance:	3 m
Mode:	TX; BT (customer label BT2); 2402 MHz; 2-DH5
Test Date:	2017-10-24
Note:	

Index 96



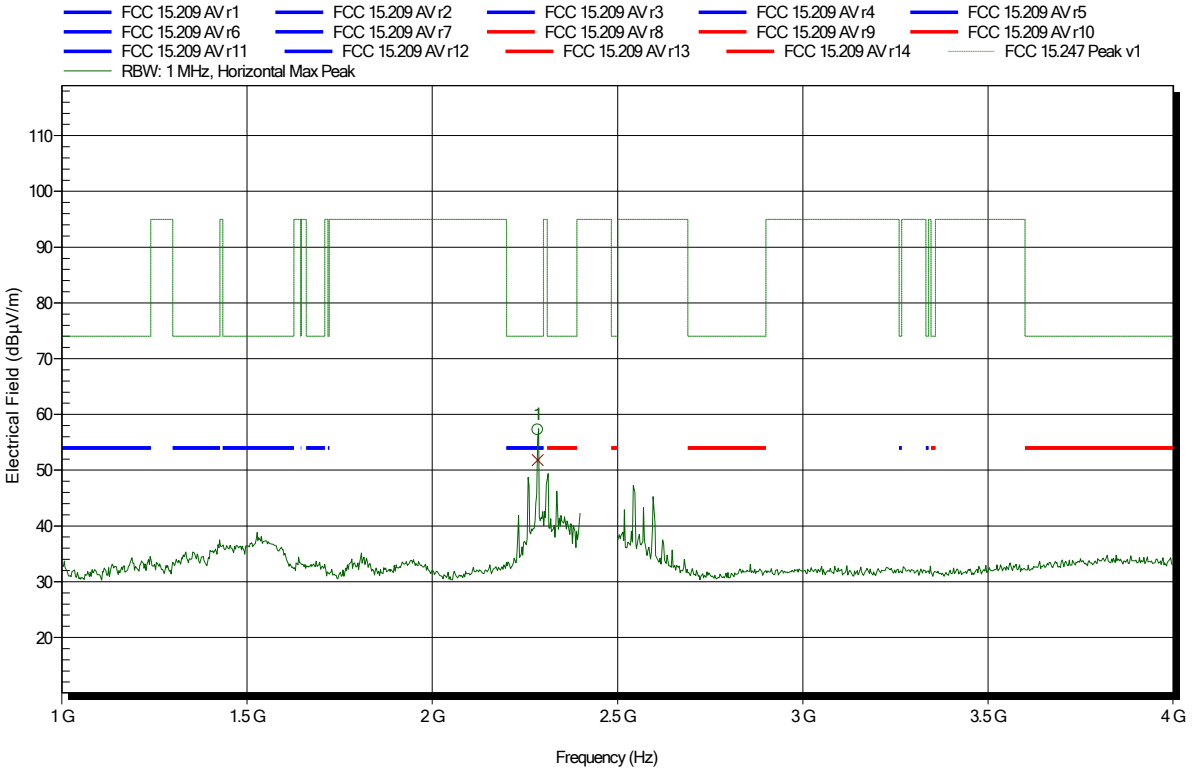
Frequency	Peak	Peak Limit	Peak Difference	Peak Status
227.2 MHz	22.43 dBµV/m	95 dBµV/m	-72.57 dB	Pass

Spurious emissions according to FCC 15.247

Project number: G0M-1709-6878

Applicant:	peiker CEE GmbH
EUT Name:	CEECOACH
Model:	CC2
Test Site:	Eurofins Product Service GmbH
Operator:	Abdullah Al Jamal
Test Conditions:	Tnom: 23.9°C, Vnom: 5.0 VDC
Antenna:	Schwarzbeck BBHA 9120D, Horizontal
Measurement distance:	1 m converted to 3m
Mode:	TX; BT (customer label BT2); 2480 MHz; DH5
Test Date:	2017-10-23
Note:	

Index 58



Frequency	Peak	Peak Limit	Peak Difference	Peak Status
2.285 GHz	57.28 dBµV/m	74 dBµV/m	-16.72 dB	Pass

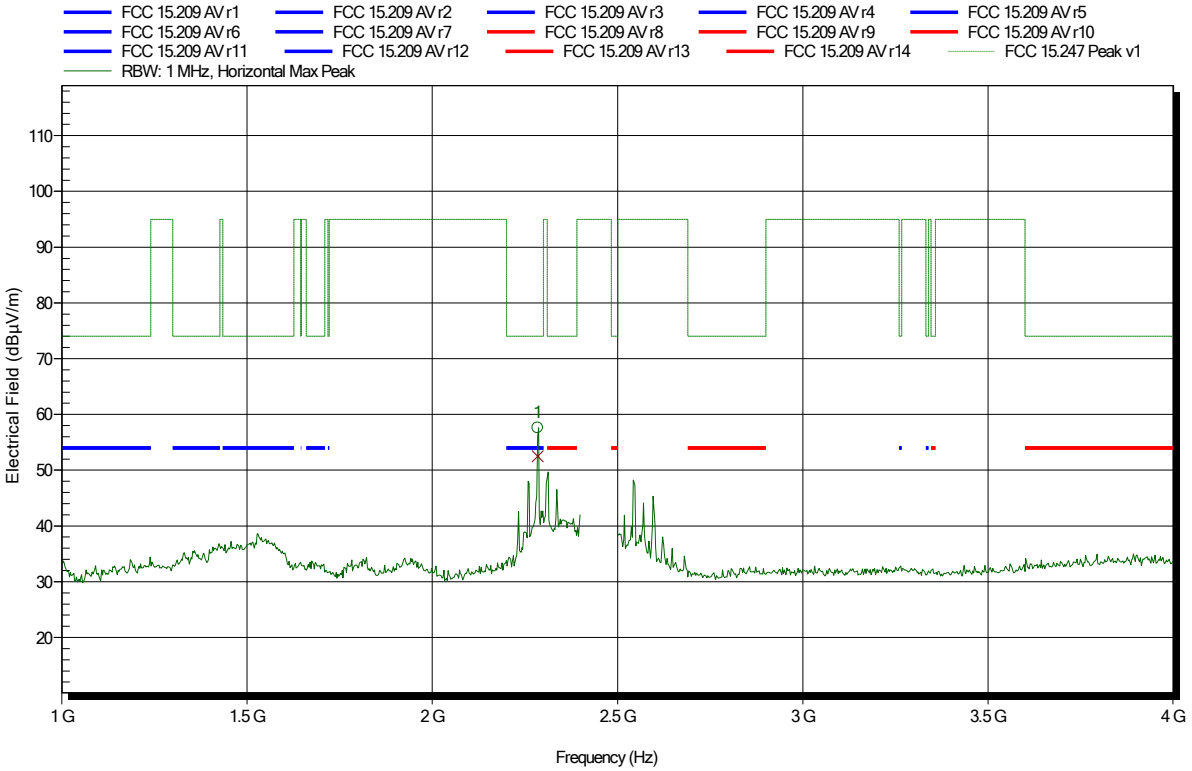
Frequency	Average	Average Limit	Average Difference	Average Status
2.285 GHz	51.83 dBµV/m	54 dBµV/m	-2.17 dB	Pass

Spurious emissions according to FCC 15.247

Project number: G0M-1709-6878

Applicant:	peiker CEE GmbH
EUT Name:	CEECOACH
Model:	CC2
Test Site:	Eurofins Product Service GmbH
Operator:	Abdullah Al Jamal
Test Conditions:	Tnom: 23.9°C, Vnom: 5.0 VDC
Antenna:	Schwarzbeck BBHA 9120D, Horizontal
Measurement distance:	1 m converted to 3m
Mode:	TX; BT (customer label BT2); 2480 MHz; 3-DH5
Test Date:	2017-10-23
Note:	

Index 60



Frequency	Peak	Peak Limit	Peak Difference	Peak Status
2.285 GHz	57.59 dBµV/m	74 dBµV/m	-16.41 dB	Pass

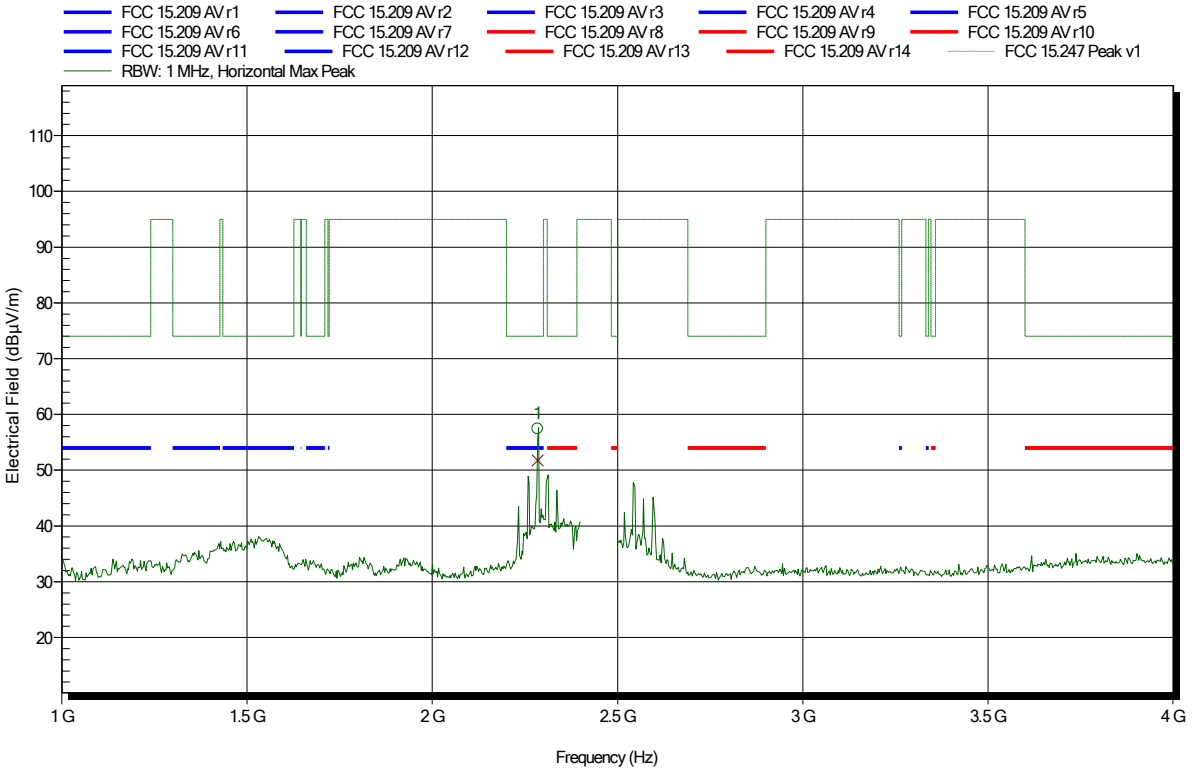
Frequency	Average	Average Limit	Average Difference	Average Status
2.285 GHz	52.49 dBµV/m	54 dBµV/m	-1.51 dB	Pass

Spurious emissions according to FCC 15.247

Project number: G0M-1709-6878

Applicant:	peiker CEE GmbH
EUT Name:	CEECOACH
Model:	CC2
Test Site:	Eurofins Product Service GmbH
Operator:	Abdullah Al Jamal
Test Conditions:	Tnom: 23.9°C, Vnom: 5.0 VDC
Antenna:	Schwarzbeck BBHA 9120D, Horizontal
Measurement distance:	1 m converted to 3m
Mode:	TX; BT (customer label BT2); 2480 MHz; 2-DH5
Test Date:	2017-10-23
Note:	

Index 59



Frequency	Peak	Peak Limit	Peak Difference	Peak Status
2.285 GHz	57.42 dBµV/m	74 dBµV/m	-16.58 dB	Pass

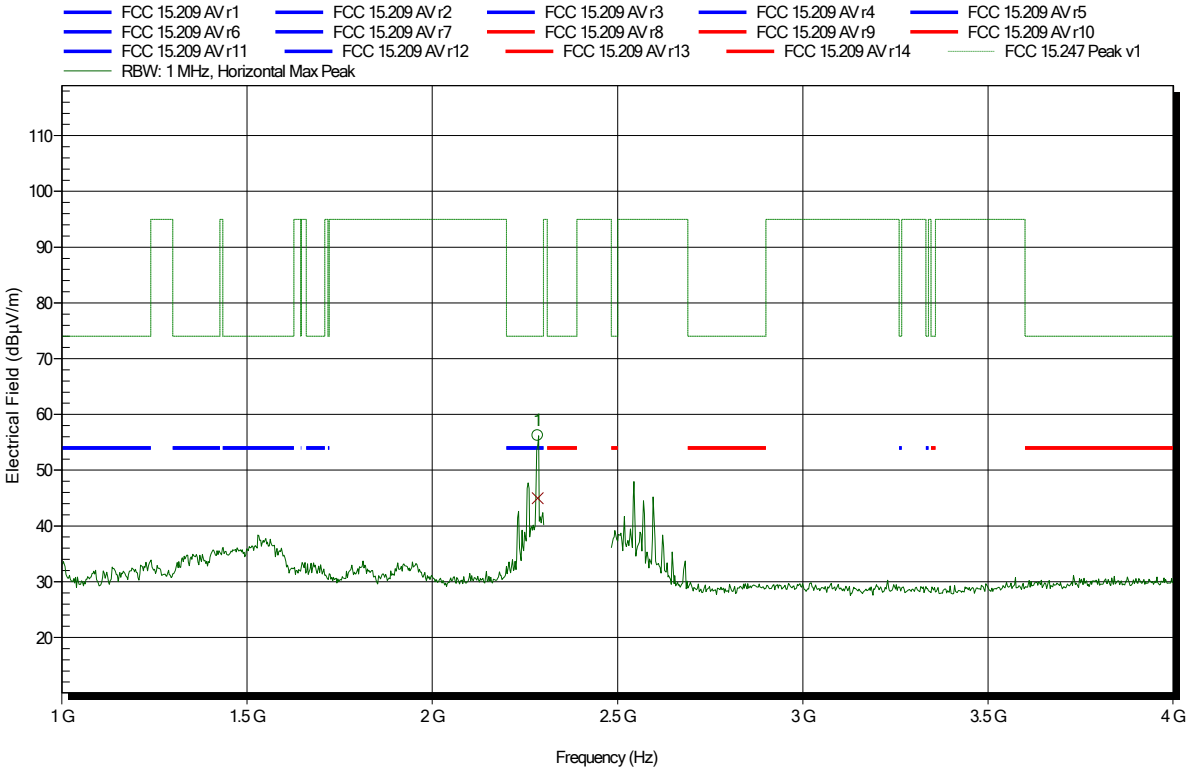
Frequency	Average	Average Limit	Average Difference	Average Status
2.285 GHz	51.73 dBµV/m	54 dBµV/m	-2.27 dB	Pass

Spurious emissions according to FCC 15.247

Project number: G0M-1709-6878

Applicant:	peiker CEE GmbH
EUT Name:	CEECOACH
Model:	CC2
Test Site:	Eurofins Product Service GmbH
Operator:	Abdullah Al Jamal
Test Conditions:	Tnom: 23.9°C, Vnom: 5.0 VDC
Antenna:	Schwarzbeck BBHA 9120D, Horizontal
Measurement distance:	1 m converted to 3m
Mode:	TX; BT (customer label BT2); 2402 MHz; DH5
Test Date:	2017-10-23
Note:	

Index 56



Frequency	Peak	Peak Limit	Peak Difference	Peak Status
2.2848 GHz	56.2 dBµV/m	74 dBµV/m	-17.8 dB	Pass

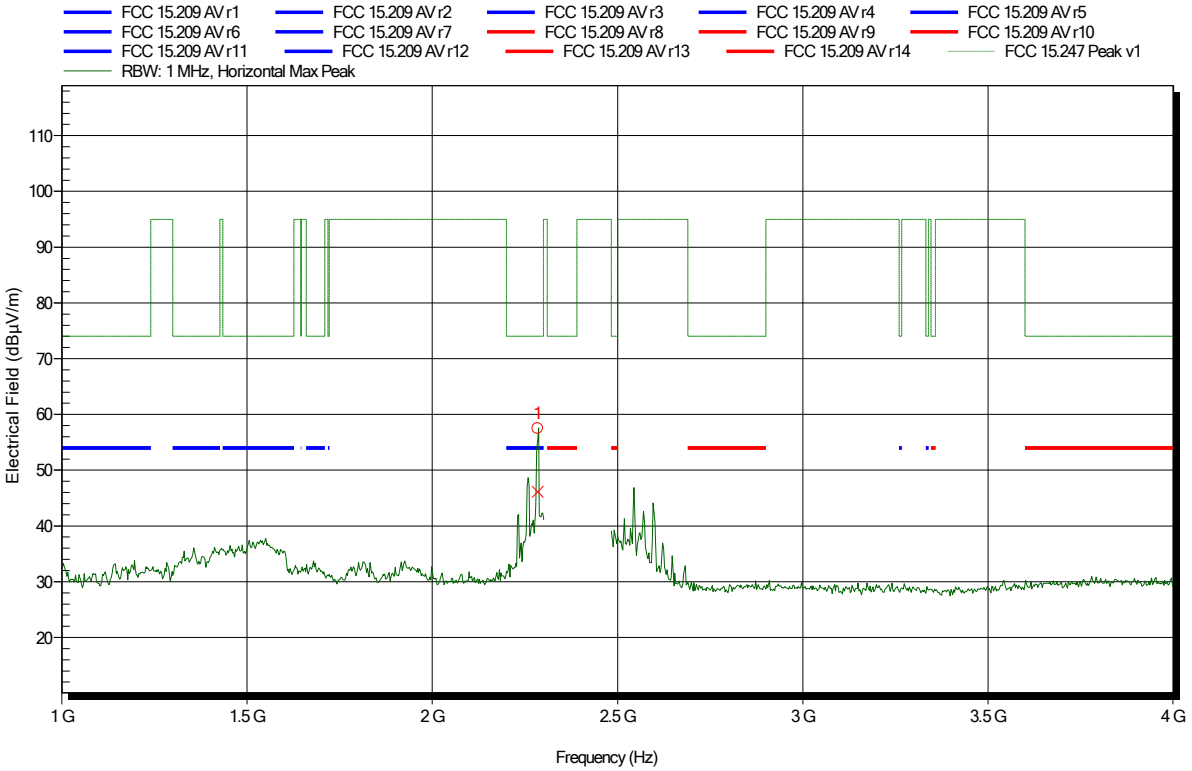
Frequency	Average	Average Limit	Average Difference	Average Status
2.2848 GHz	45 dBµV/m	54 dBµV/m	-9 dB	Pass

Spurious emissions according to FCC 15.247

Project number: G0M-1709-6878

Applicant:	peiker CEE GmbH
EUT Name:	CEECOACH
Model:	CC2
Test Site:	Eurofins Product Service GmbH
Operator:	Abdullah Al Jamal
Test Conditions:	Tnom: 23.9°C, Vnom: 5.0 VDC
Antenna:	Schwarzbeck BBHA 9120D, Horizontal
Measurement distance:	1 m converted to 3m
Mode:	TX; BT (customer label BT2); 2402 MHz; 3-DH5
Test Date:	2017-10-23
Note:	

Index 55



Frequency	Peak	Peak Limit	Peak Difference	Peak Status
2.2848 GHz	57.48 dBµV/m	74 dBµV/m	-16.52 dB	Pass

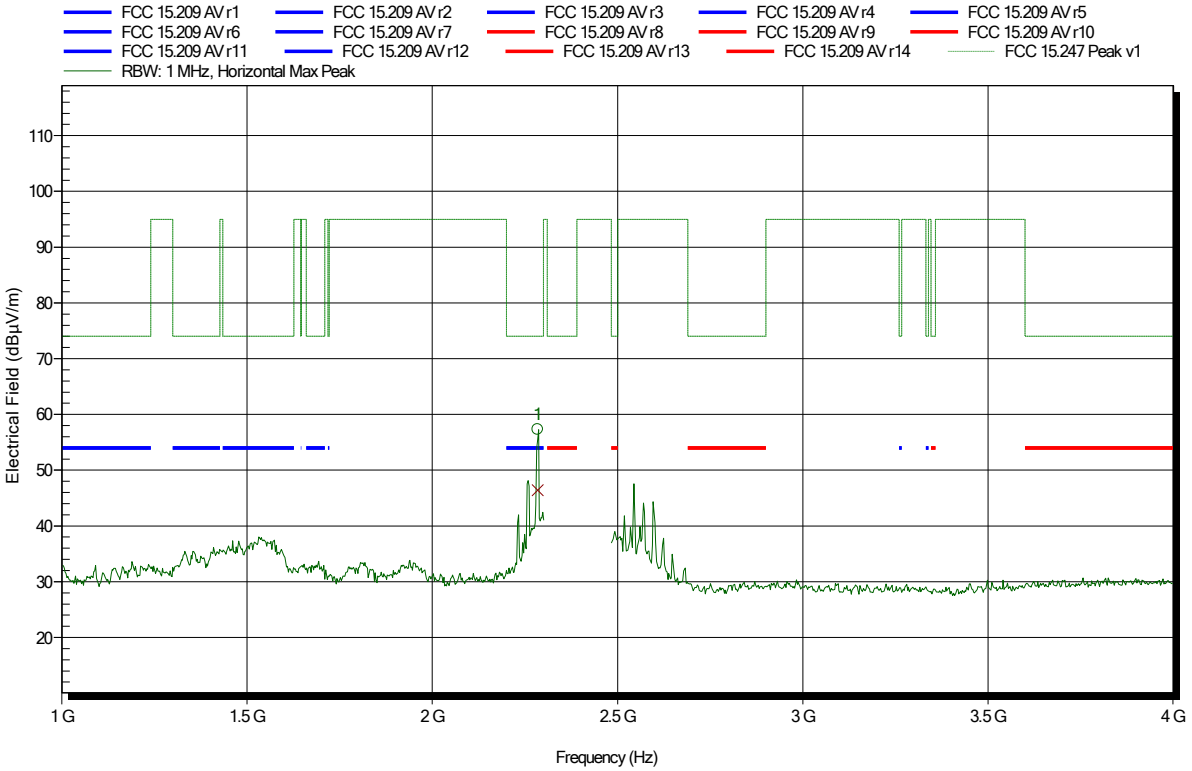
Frequency	Average	Average Limit	Average Difference	Average Status
2.2848 GHz	46.12 dBµV/m	54 dBµV/m	-7.88 dB	Pass

Spurious emissions according to FCC 15.247

Project number: G0M-1709-6878

Applicant:	peiker CEE GmbH
EUT Name:	CEECOACH
Model:	CC2
Test Site:	Eurofins Product Service GmbH
Operator:	Abdullah Al Jamal
Test Conditions:	Tnom: 23.9°C, Vnom: 5.0 VDC
Antenna:	Schwarzbeck BBHA 9120D, Horizontal
Measurement distance:	1 m converted to 3m
Mode:	TX; BT (customer label BT2); 2402 MHz; 2-DH5
Test Date:	2017-10-23
Note:	

Index 57



Frequency	Peak	Peak Limit	Peak Difference	Peak Status
2.2848 GHz	57.29 dBµV/m	74 dBµV/m	-16.71 dB	Pass

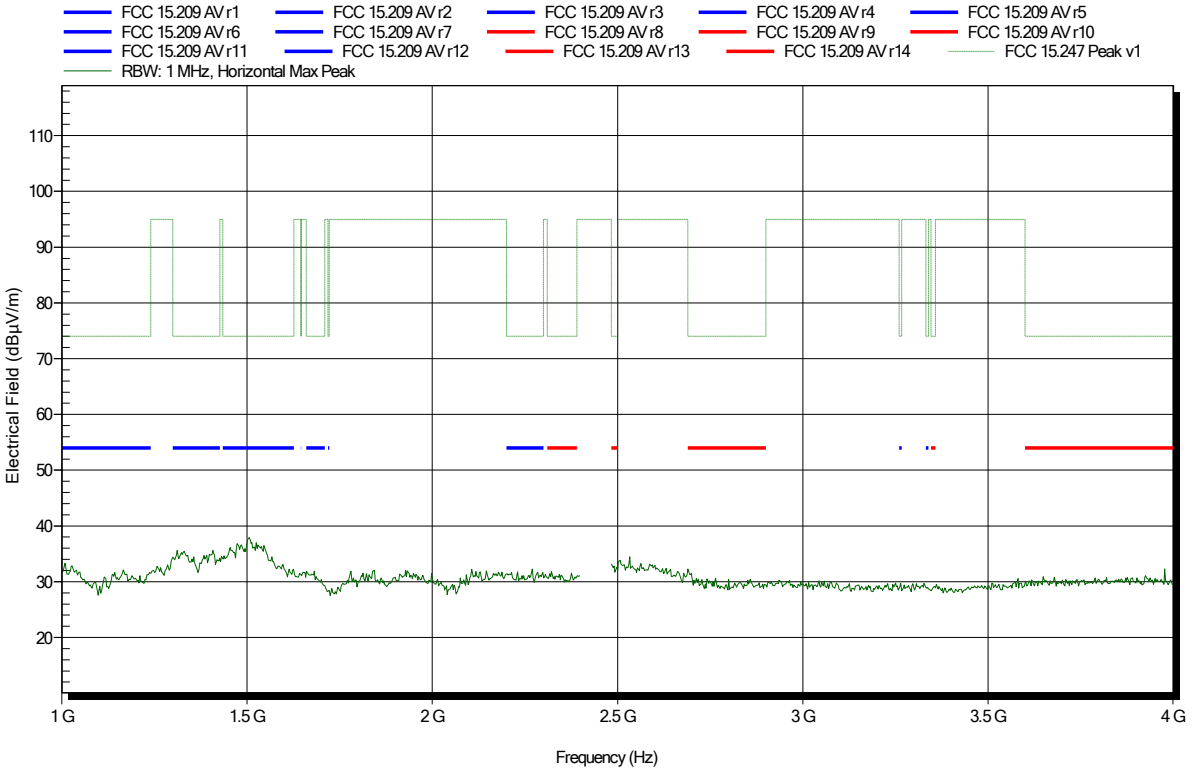
Frequency	Average	Average Limit	Average Difference	Average Status
2.2848 GHz	46.41 dBµV/m	54 dBµV/m	-7.59 dB	Pass

Spurious emissions according to FCC 15.247

Project number: G0M-1709-6878

Applicant:	peiker CEE GmbH
EUT Name:	CEECOACH
Model:	CC2
Test Site:	Eurofins Product Service GmbH
Operator:	Abdullah Al Jamal
Test Conditions:	Tnom: 24.5°C, Vnom: 5.0 VDC
Antenna:	Schwarzbeck BBHA 9120D, Horizontal
Measurement distance:	1 m converted to 3m
Mode:	TX; BT (customer label BT2); 2441 MHz; DH5
Test Date:	2017-10-24
Note:	

Index 98

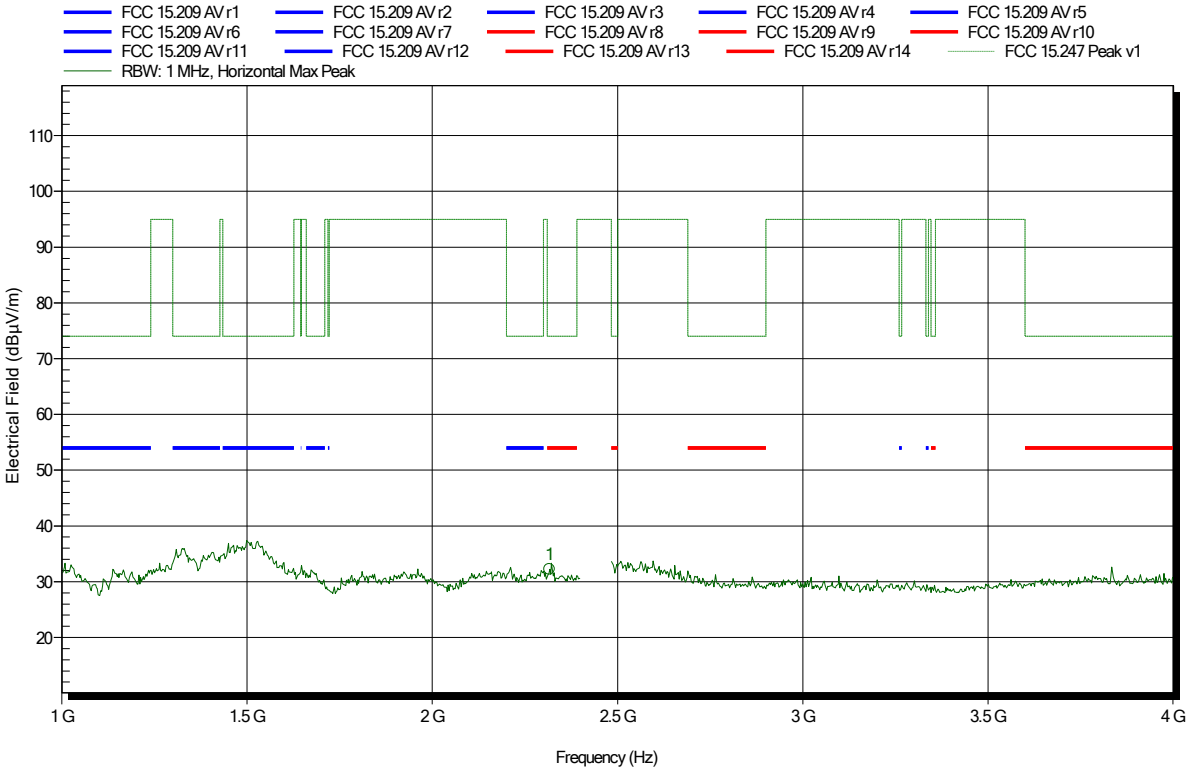


Spurious emissions according to FCC 15.247

Project number: G0M-1709-6878

Applicant:	peiker CEE GmbH
EUT Name:	CEECOACH
Model:	CC2
Test Site:	Eurofins Product Service GmbH
Operator:	Abdullah Al Jamal
Test Conditions:	Tnom: 24.5°C, Vnom: 5.0 VDC
Antenna:	Schwarzbeck BBHA 9120D, Horizontal
Measurement distance:	1 m converted to 3m
Mode:	TX; BT (customer label BT2); 2441 MHz; 3-DH5
Test Date:	2017-10-24
Note:	

Index 100



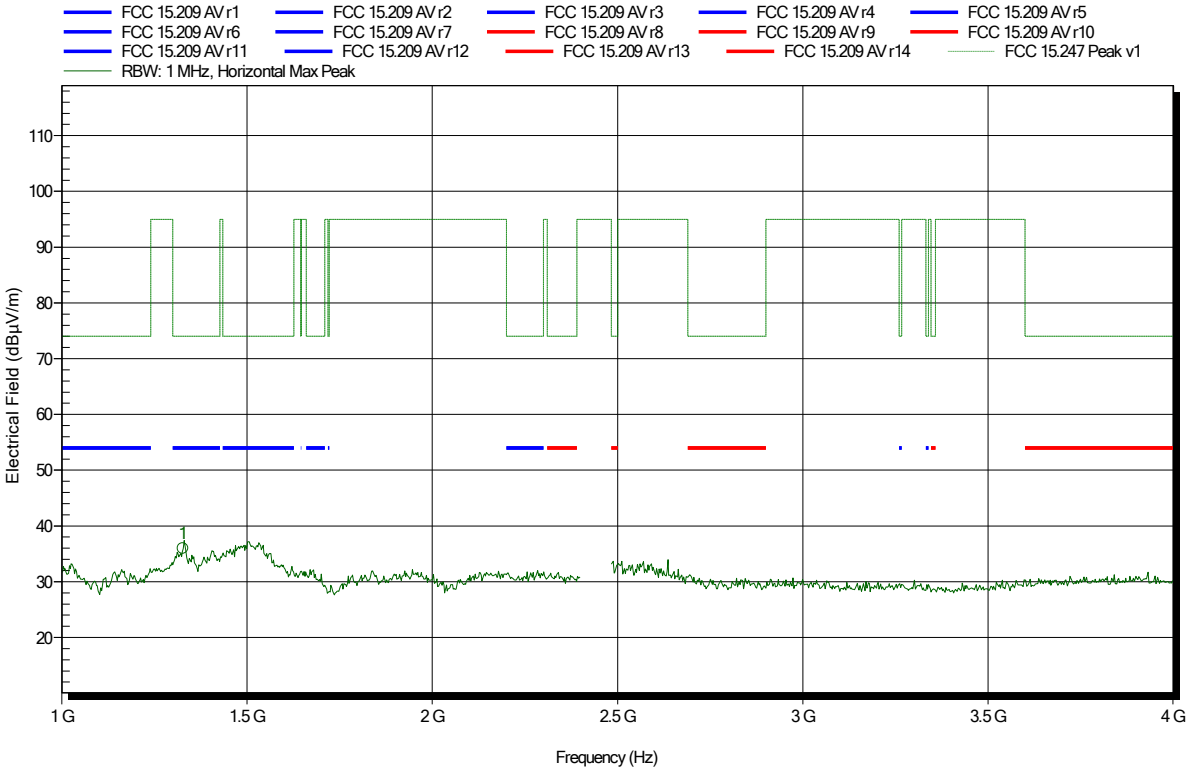
Frequency	Peak	Peak Limit	Peak Difference	Peak Status
2.316 GHz	32.25 dBµV/m	74 dBµV/m	-41.75 dB	Pass

Spurious emissions according to FCC 15.247

Project number: G0M-1709-6878

Applicant:	peiker CEE GmbH
EUT Name:	CEECOACH
Model:	CC2
Test Site:	Eurofins Product Service GmbH
Operator:	Abdullah Al Jamal
Test Conditions:	Tnom: 24.5°C, Vnom: 5.0 VDC
Antenna:	Schwarzbeck BBHA 9120D, Horizontal
Measurement distance:	1 m converted to 3m
Mode:	TX; BT (customer label BT2); 2441 MHz; 2-DH5
Test Date:	2017-10-24
Note:	

Index 99



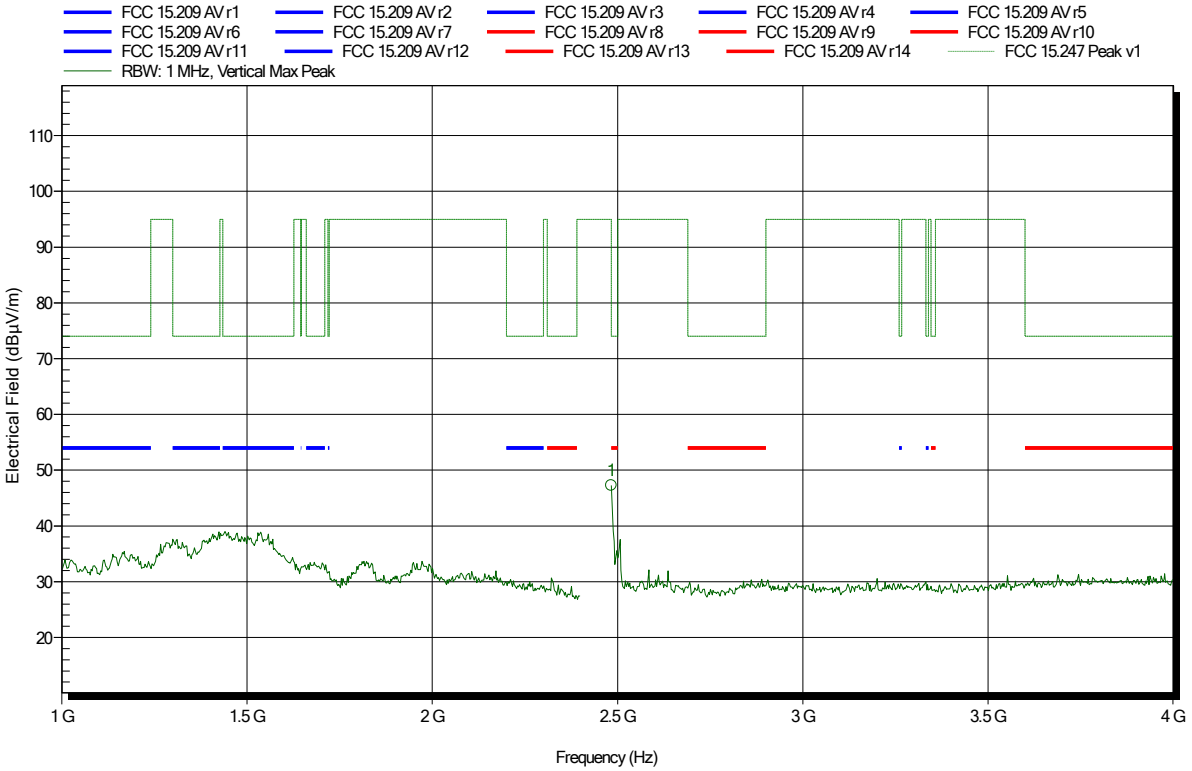
Frequency	Peak	Peak Limit	Peak Difference	Peak Status
1.3276 GHz	35.96 dBµV/m	74 dBµV/m	-38.04 dB	Pass

Spurious emissions according to FCC 15.247

Project number: G0M-1709-6878

Applicant:	peiker CEE GmbH
EUT Name:	CEECOACH
Model:	CC2
Test Site:	Eurofins Product Service GmbH
Operator:	Abdullah Al Jamal
Test Conditions:	Tnom: 24.6°C, Vnom: 5.0 VDC
Antenna:	Schwarzbeck BBHA 9120D, Vertical
Measurement distance:	1 m converted to 3m
Mode:	TX; BT (customer label BT2); 2480 MHz; DH5
Test Date:	2017-10-24
Note:	

Index 109



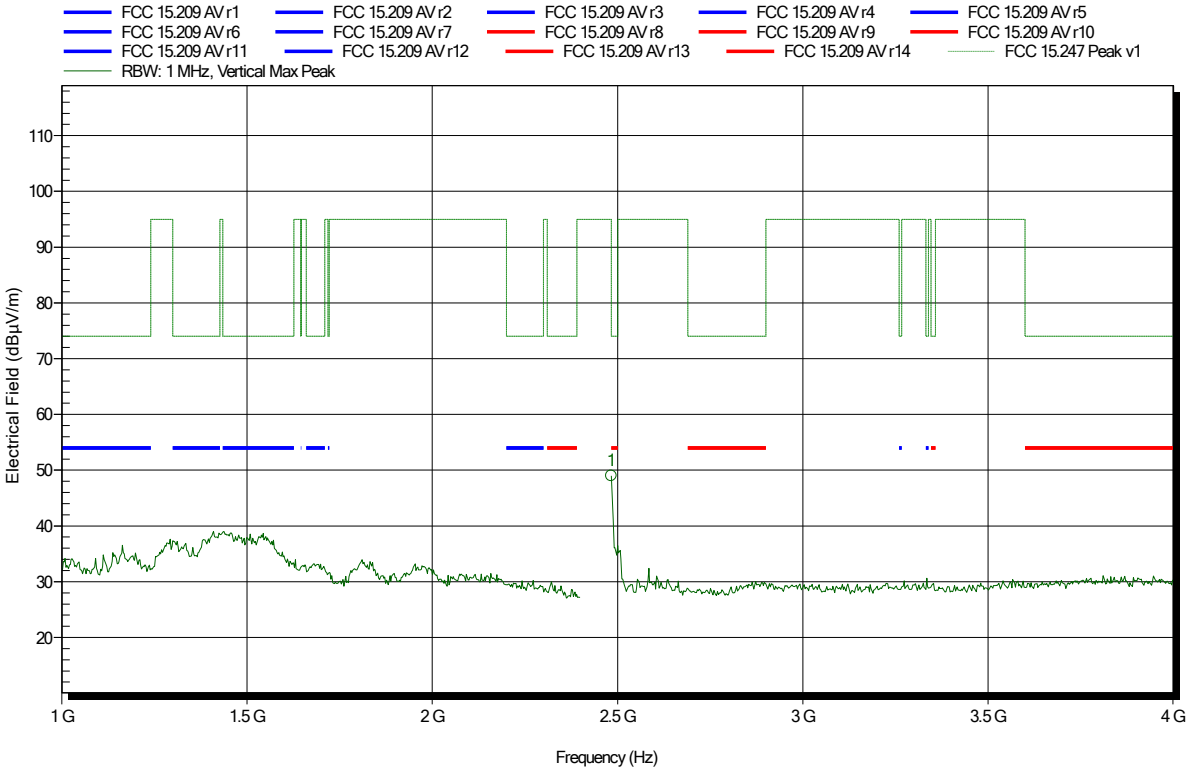
Frequency	Peak	Peak Limit	Peak Difference	Peak Status
2.4835 GHz	47.28 dBµV/m	74 dBµV/m	-26.72 dB	Pass

Spurious emissions according to FCC 15.247

Project number: G0M-1709-6878

Applicant:	peiker CEE GmbH
EUT Name:	CEECOACH
Model:	CC2
Test Site:	Eurofins Product Service GmbH
Operator:	Abdullah Al Jamal
Test Conditions:	Tnom: 24.6°C, Vnom: 5.0 VDC
Antenna:	Schwarzbeck BBHA 9120D, Vertical
Measurement distance:	1 m converted to 3m
Mode:	TX; BT (customer label BT2); 2480 MHz; 3-DH5
Test Date:	2017-10-24
Note:	

Index 111



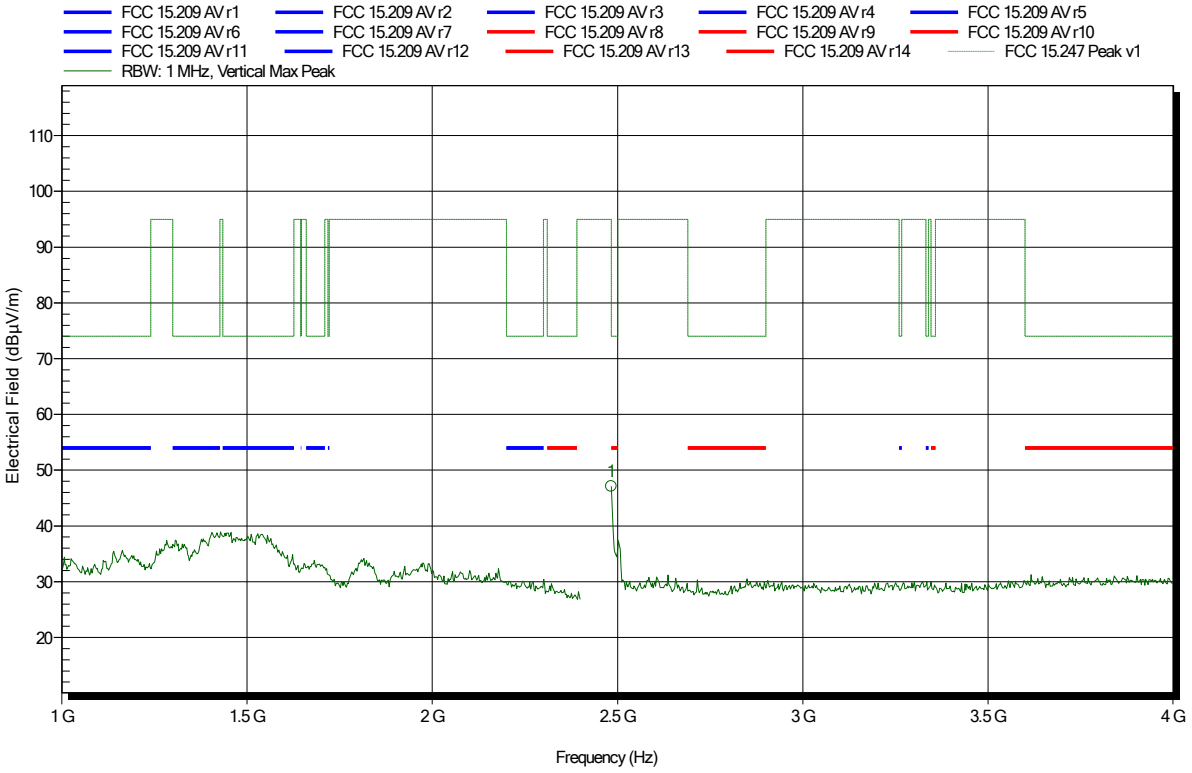
Frequency	Peak	Peak Limit	Peak Difference	Peak Status
2.4835 GHz	48.98 dBµV/m	74 dBµV/m	-25.02 dB	Pass

Spurious emissions according to FCC 15.247

Project number: G0M-1709-6878

Applicant:	peiker CEE GmbH
EUT Name:	CEECOACH
Model:	CC2
Test Site:	Eurofins Product Service GmbH
Operator:	Abdullah Al Jamal
Test Conditions:	Tnom: 24.6°C, Vnom: 5.0 VDC
Antenna:	Schwarzbeck BBHA 9120D, Vertical
Measurement distance:	1 m converted to 3m
Mode:	TX; BT (customer label BT2); 2480 MHz; 2-DH5
Test Date:	2017-10-24
Note:	

Index 110



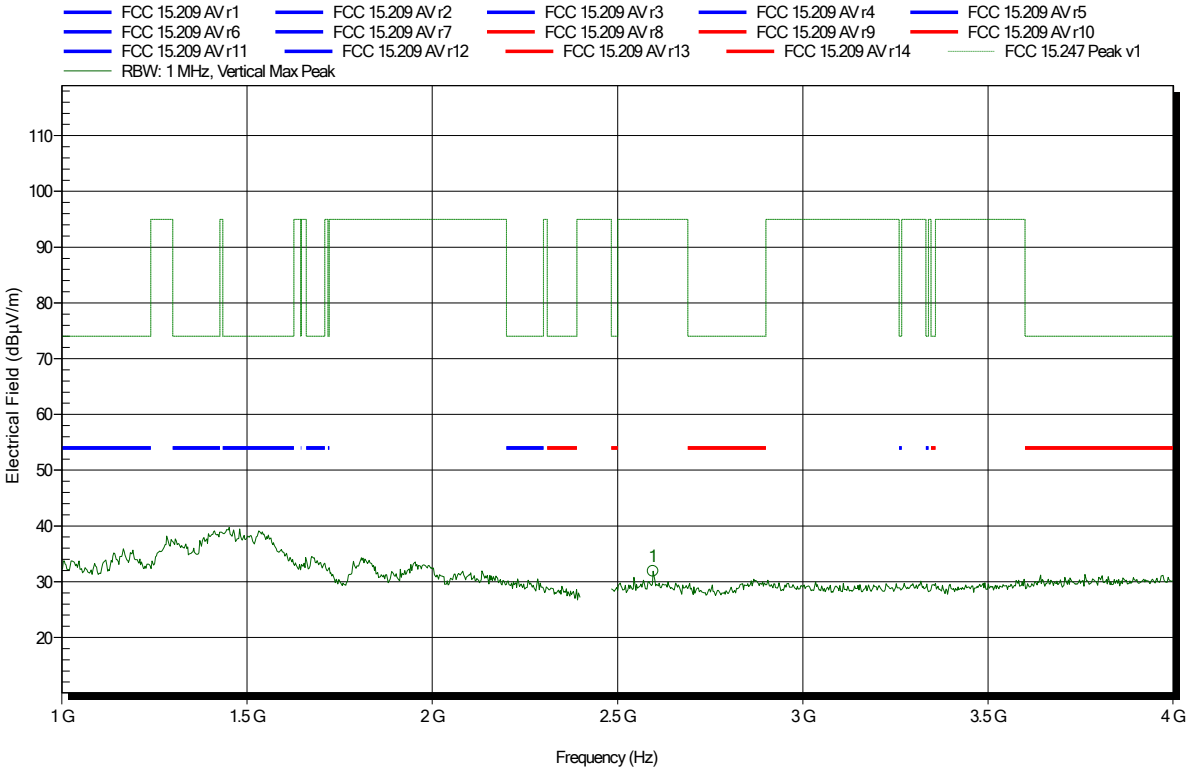
Frequency	Peak	Peak Limit	Peak Difference	Peak Status
2.4835 GHz	47.11 dBµV/m	74 dBµV/m	-26.89 dB	Pass

Spurious emissions according to FCC 15.247

Project number: G0M-1709-6878

Applicant:	peiker CEE GmbH
EUT Name:	CEECOACH
Model:	CC2
Test Site:	Eurofins Product Service GmbH
Operator:	Abdullah Al Jamal
Test Conditions:	Tnom: 24.5°C, Vnom: 5.0 VDC
Antenna:	Schwarzbeck BBHA 9120D, Vertical
Measurement distance:	1 m converted to 3m
Mode:	TX; BT (customer label BT2); 2441 MHz; DH5
Test Date:	2017-10-24
Note:	

Index 101



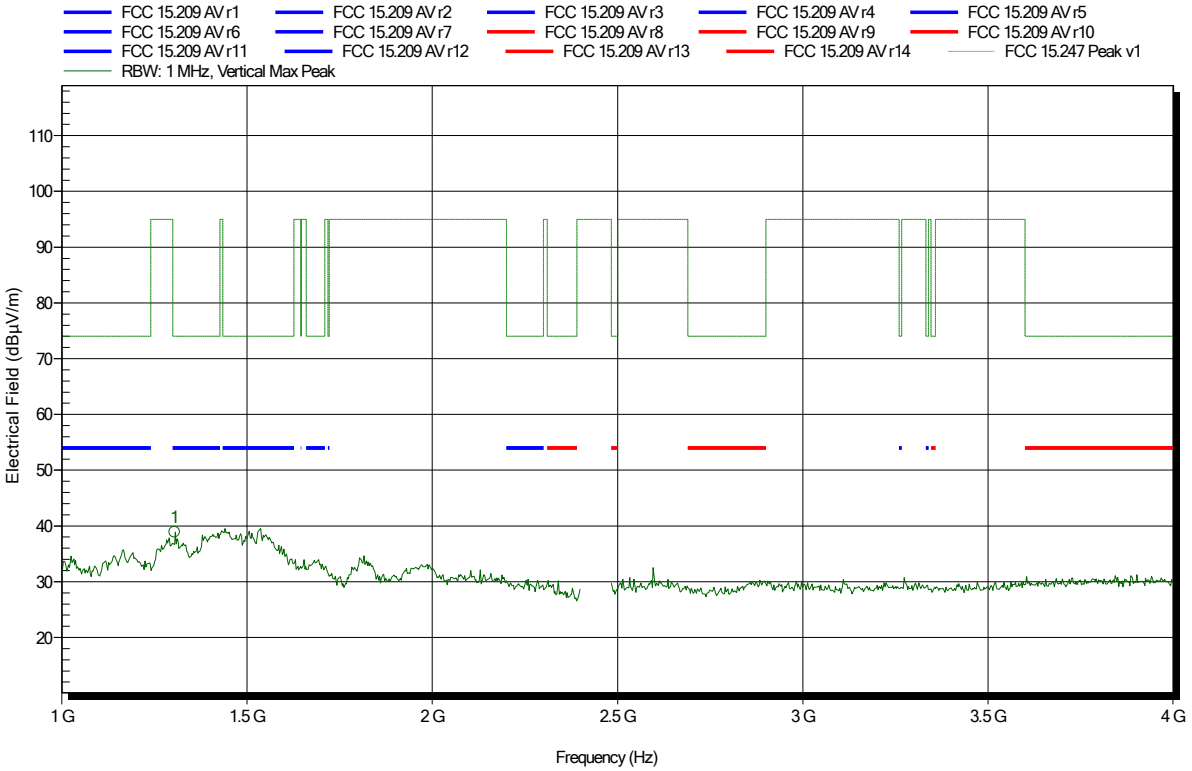
Frequency	Peak	Peak Limit	Peak Difference	Peak Status
2.5957 GHz	31.88 dBµV/m	95 dBµV/m	-63.12 dB	Pass

Spurious emissions according to FCC 15.247

Project number: G0M-1709-6878

Applicant:	peiker CEE GmbH
EUT Name:	CEECOACH
Model:	CC2
Test Site:	Eurofins Product Service GmbH
Operator:	Abdullah Al Jamal
Test Conditions:	Tnom: 24.5°C, Vnom: 5.0 VDC
Antenna:	Schwarzbeck BBHA 9120D, Vertical
Measurement distance:	1 m converted to 3m
Mode:	TX; BT (customer label BT2); 2441 MHz; 3-DH5
Test Date:	2017-10-24
Note:	

Index 103



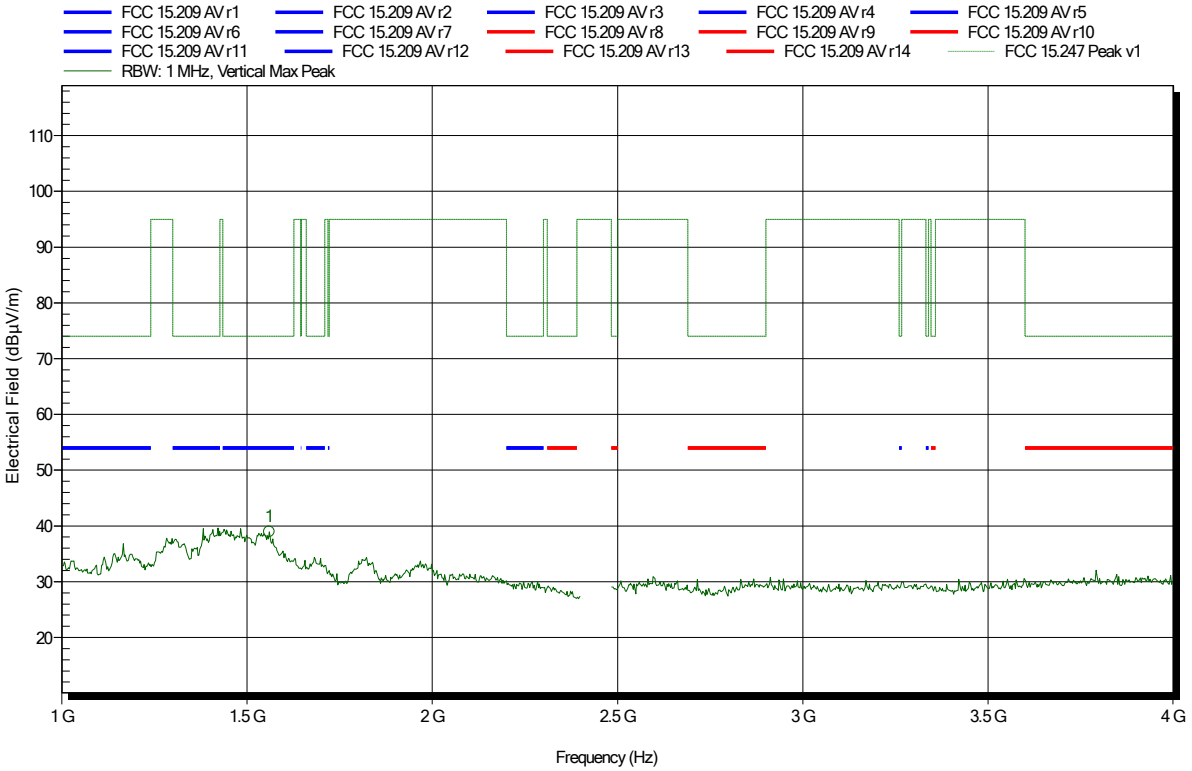
Frequency	Peak	Peak Limit	Peak Difference	Peak Status
1.3052 GHz	38.89 dBµV/m	74 dBµV/m	-35.11 dB	Pass

Spurious emissions according to FCC 15.247

Project number: G0M-1709-6878

Applicant:	peiker CEE GmbH
EUT Name:	CEECOACH
Model:	CC2
Test Site:	Eurofins Product Service GmbH
Operator:	Abdullah Al Jamal
Test Conditions:	Tnom: 24.5°C, Vnom: 5.0 VDC
Antenna:	Schwarzbeck BBHA 9120D, Vertical
Measurement distance:	1 m converted to 3m
Mode:	TX; BT (customer label BT2); 2441 MHz; 2-DH5
Test Date:	2017-10-24
Note:	

Index 102



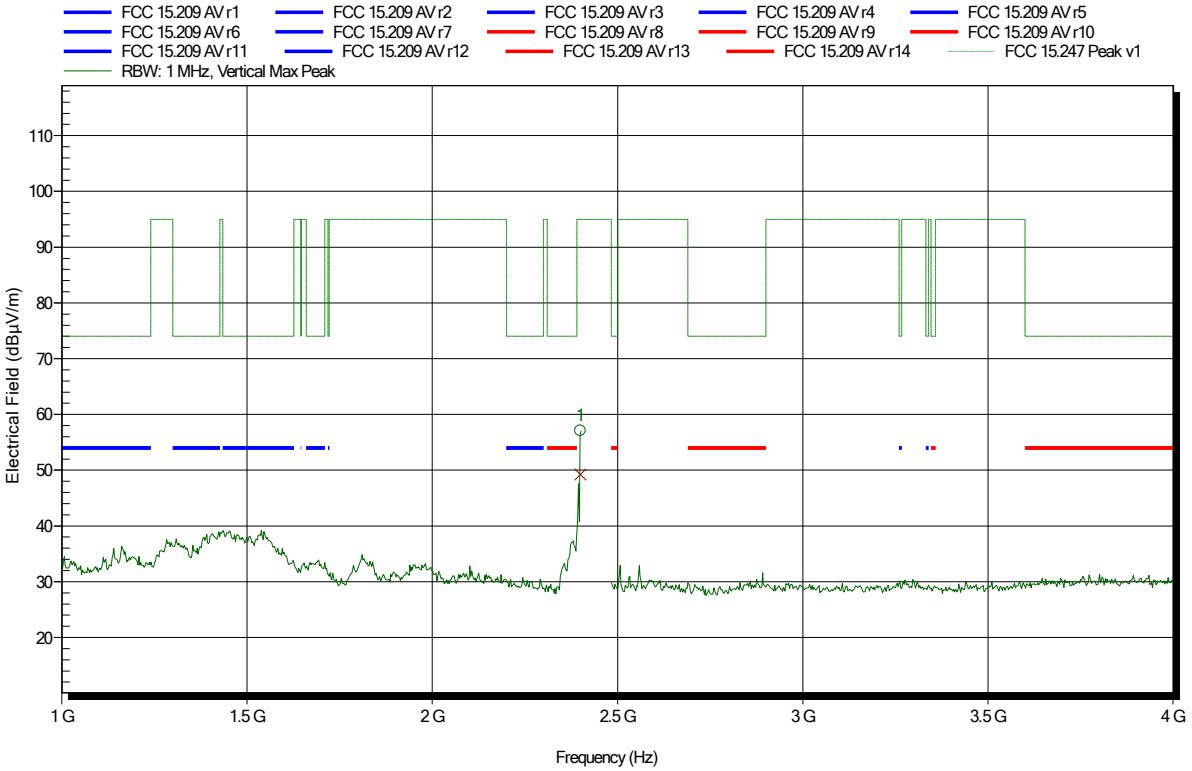
Frequency	Peak	Peak Limit	Peak Difference	Peak Status
1.56 GHz	38.94 dBµV/m	74 dBµV/m	-35.06 dB	Pass

Spurious emissions according to FCC 15.247

Project number: G0M-1709-6878

Applicant:	peiker CEE GmbH
EUT Name:	CEECOACH
Model:	CC2
Test Site:	Eurofins Product Service GmbH
Operator:	Abdullah Al Jamal
Test Conditions:	Tnom: 24.6°C, Vnom: 5.0 VDC
Antenna:	Schwarzbeck BBHA 9120D, Vertical
Measurement distance:	1 m converted to 3m
Mode:	TX; BT (customer label BT2); 2402 MHz; DH5
Test Date:	2017-10-24
Note:	

Index 106



Frequency	Peak	Peak Limit	Peak Difference	Peak Status
2.4 GHz	57.09 dBµV/m	95 dBµV/m	-37.91 dB	Pass

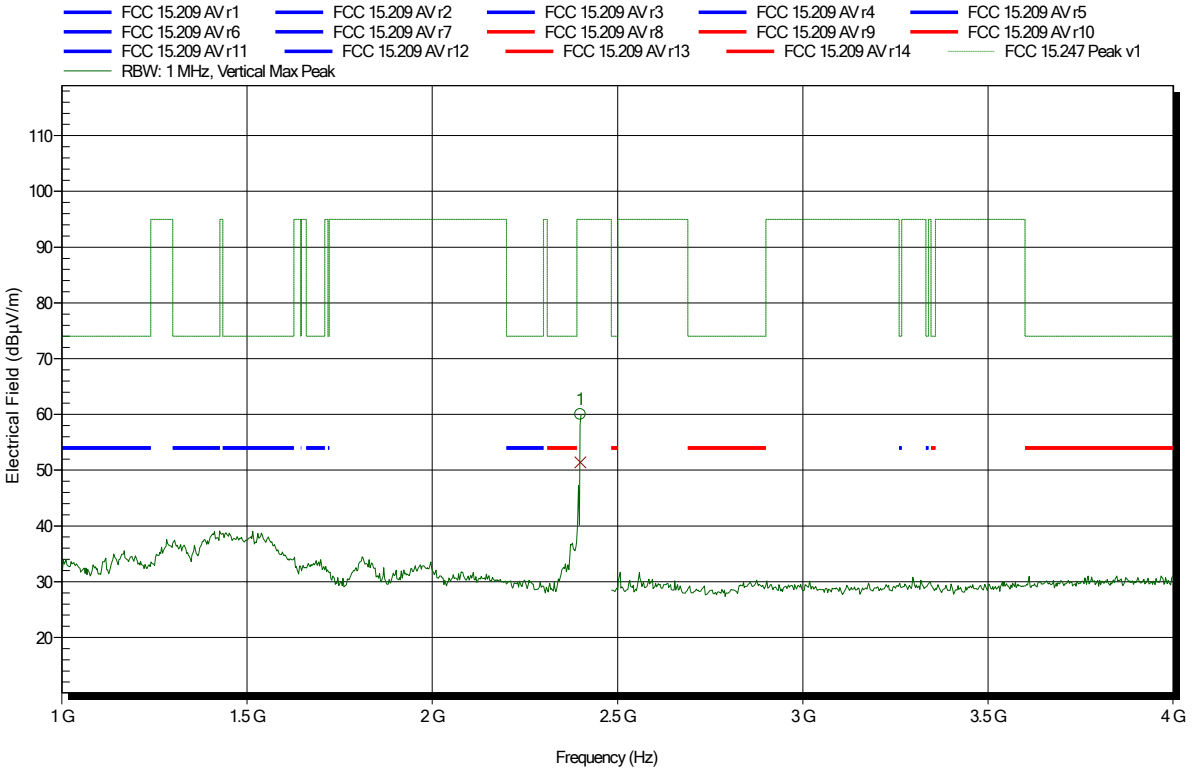
Frequency	Average
2.4 GHz	49.22 dBµV/m

Spurious emissions according to FCC 15.247

Project number: G0M-1709-6878

Applicant:	peiker CEE GmbH
EUT Name:	CEECOACH
Model:	CC2
Test Site:	Eurofins Product Service GmbH
Operator:	Abdullah Al Jamal
Test Conditions:	Tnom: 24.6°C, Vnom: 5.0 VDC
Antenna:	Schwarzbeck BBHA 9120D, Vertical
Measurement distance:	1 m converted to 3m
Mode:	TX; BT (customer label BT2); 2402 MHz; 3-DH5
Test Date:	2017-10-24
Note:	

Index 108



Frequency	Peak	Peak Limit	Peak Difference	Peak Status
2.4 GHz	60.01 dBµV/m	95 dBµV/m	-34.99 dB	Pass

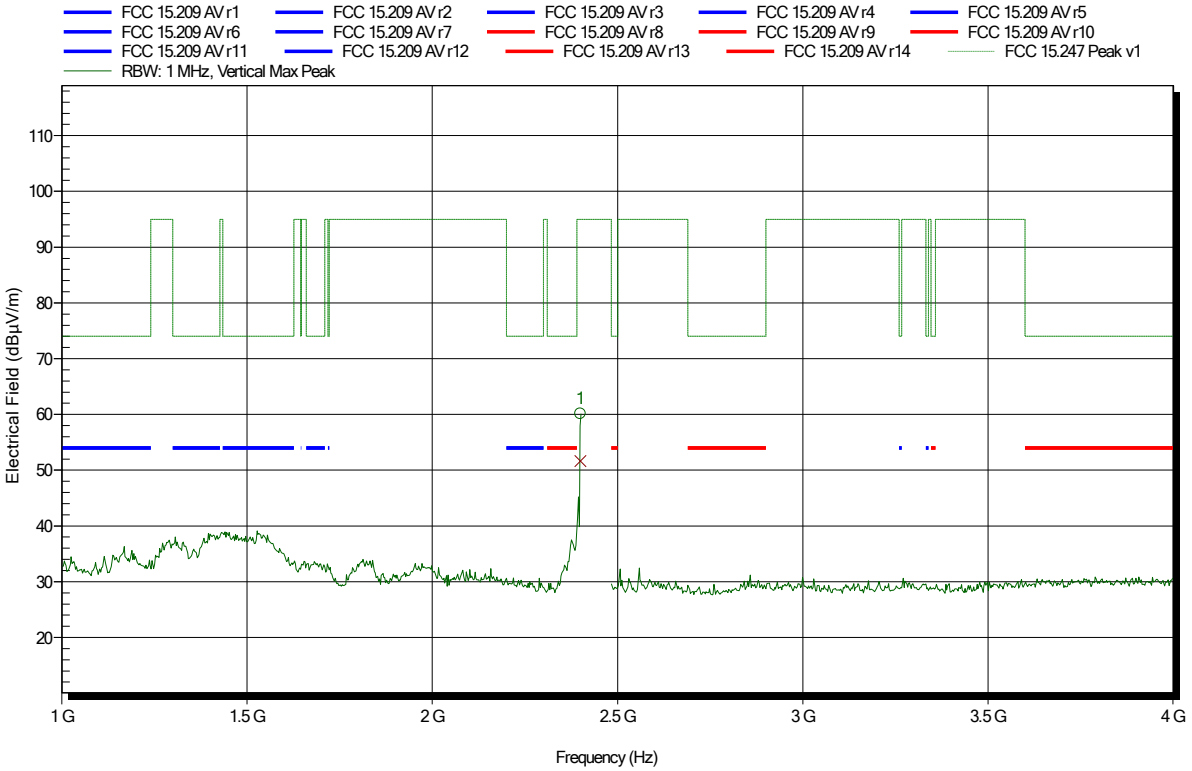
Frequency	Average
2.4 GHz	51.39 dBµV/m

Spurious emissions according to FCC 15.247

Project number: G0M-1709-6878

Applicant:	peiker CEE GmbH
EUT Name:	CEECOACH
Model:	CC2
Test Site:	Eurofins Product Service GmbH
Operator:	Abdullah Al Jamal
Test Conditions:	Tnom: 24.6°C, Vnom: 5.0 VDC
Antenna:	Schwarzbeck BBHA 9120D, Vertical
Measurement distance:	1 m converted to 3m
Mode:	TX; BT (customer label BT2); 2402 MHz; 2-DH5
Test Date:	2017-10-24
Note:	

Index 107



Frequency	Peak	Peak Limit	Peak Difference	Peak Status
2.4 GHz	60.11 dBµV/m	95 dBµV/m	-34.89 dB	Pass

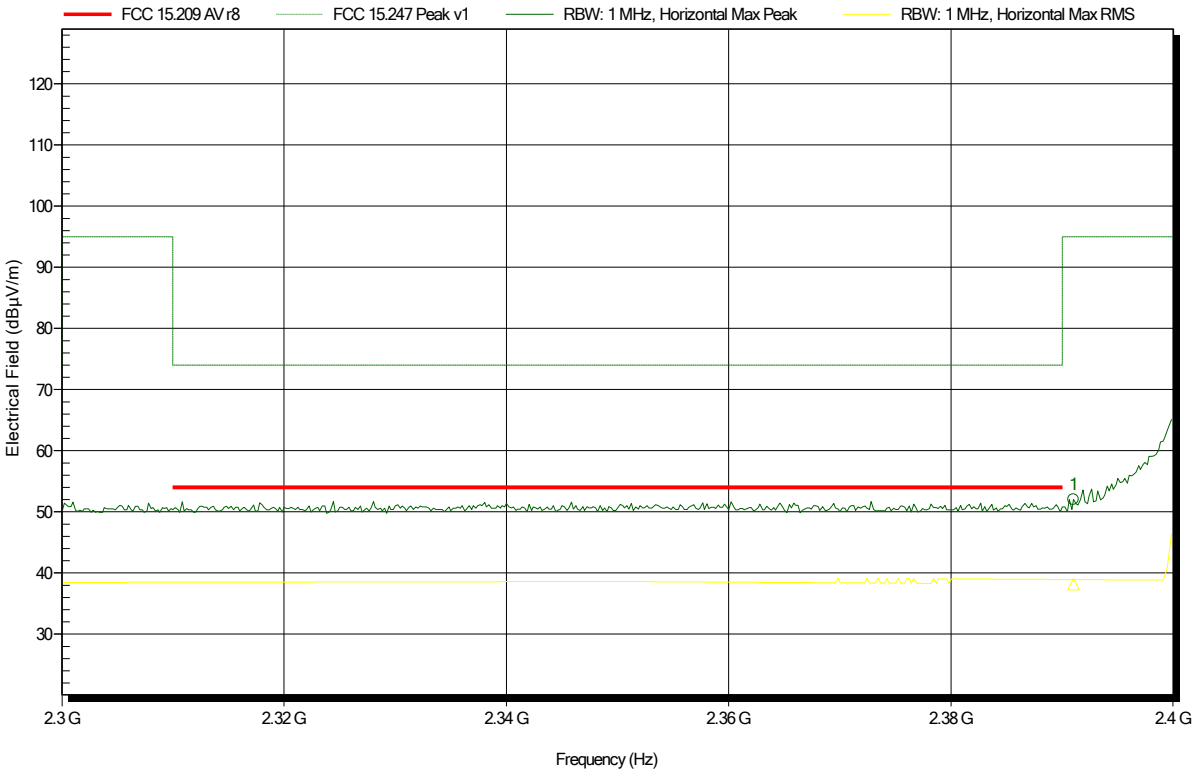
Frequency	Average
2.4 GHz	51.61 dBµV/m

Spurious emissions according to FCC 15.247

Project number: G0M-1709-6878

Applicant:	peiker CEE GmbH
EUT Name:	CEECOACH
Model:	CC2
Test Site:	Eurofins Product Service GmbH
Operator:	Abdullah Al Jamal
Test Conditions:	Tnom: 24.6°C, Vnom: 5.0 VDC
Antenna:	Schwarzbeck BBHA 9120D, Horizontal
Measurement distance:	1 m converted to 3m
Mode:	TX; BT (customer label BT2); 2402 MHz; DH5
Test Date:	2017-10-24
Note:	lower bandedge

Index 118



Frequency	Peak	Peak Limit	Peak Difference	Peak Status
2.391 GHz	52 dBµV/m	95 dBµV/m	-43 dB	Pass

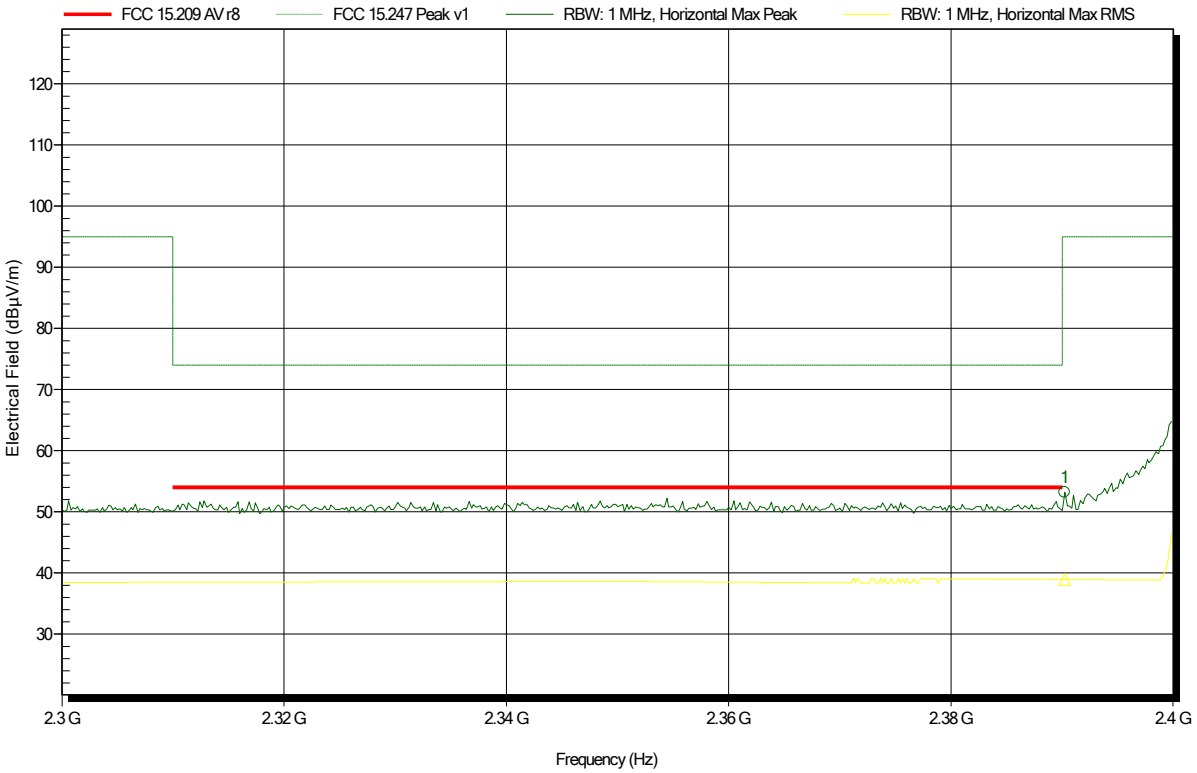
Frequency	RMS
2.391 GHz	38.18 dBµV/m

Spurious emissions according to FCC 15.247

Project number: G0M-1709-6878

Applicant:	peiker CEE GmbH
EUT Name:	CEECOACH
Model:	CC2
Test Site:	Eurofins Product Service GmbH
Operator:	Abdullah Al Jamal
Test Conditions:	Tnom: 24.6°C, Vnom: 5.0 VDC
Antenna:	Schwarzbeck BBHA 9120D, Horizontal
Measurement distance:	1 m converted to 3m
Mode:	TX; BT (customer label BT2); 2402 MHz; 3-DH5
Test Date:	2017-10-24
Note:	lower bandedge

Index 120



Frequency	Peak	Peak Limit	Peak Difference	Peak Status
2.3902 GHz	53.2 dBµV/m	95 dBµV/m	-41.8 dB	Pass

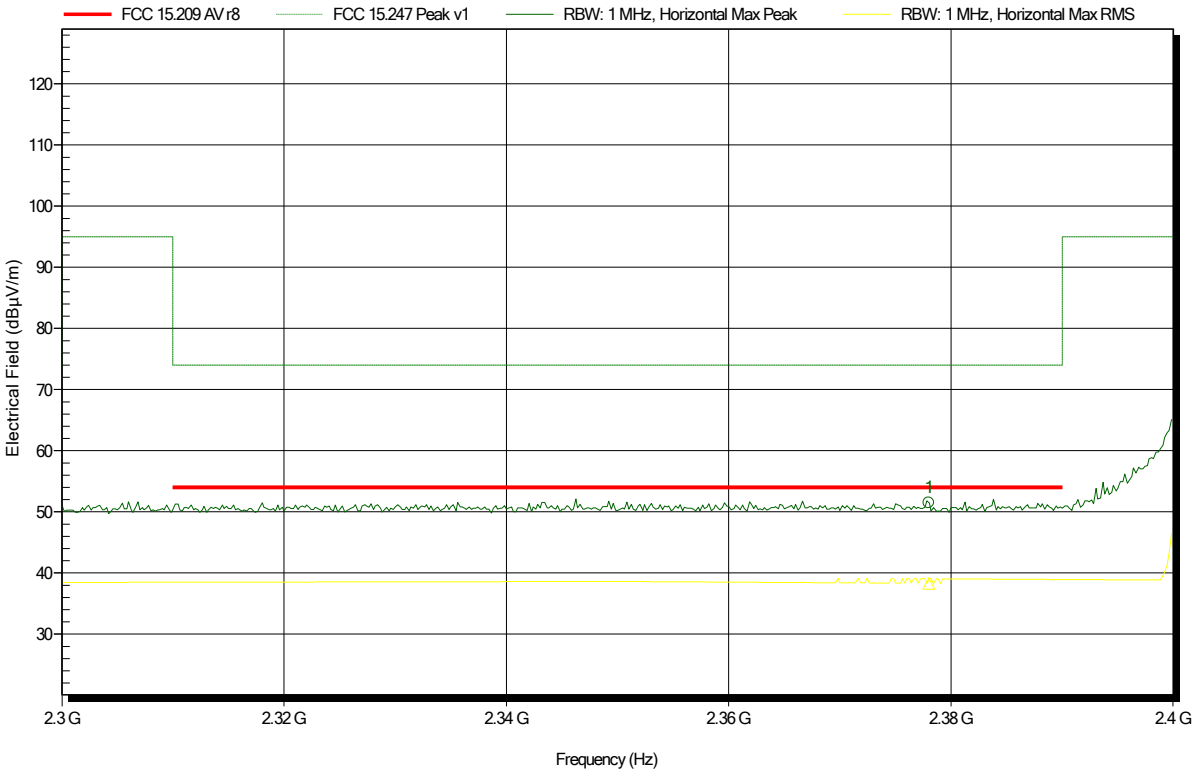
Frequency	RMS
2.3902 GHz	38.93 dBµV/m

Spurious emissions according to FCC 15.247

Project number: G0M-1709-6878

Applicant:	peiker CEE GmbH
EUT Name:	CEECOACH
Model:	CC2
Test Site:	Eurofins Product Service GmbH
Operator:	Abdullah Al Jamal
Test Conditions:	Tnom: 24.6°C, Vnom: 5.0 VDC
Antenna:	Schwarzbeck BBHA 9120D, Horizontal
Measurement distance:	1 m converted to 3m
Mode:	TX; BT (customer label BT2); 2402 MHz; 2-DH5
Test Date:	2017-10-24
Note:	lower bandedge

Index 119



Frequency	Peak	Peak Limit	Peak Difference	Peak Status
2.378 GHz	51.46 dBµV/m	74 dBµV/m	-22.54 dB	Pass

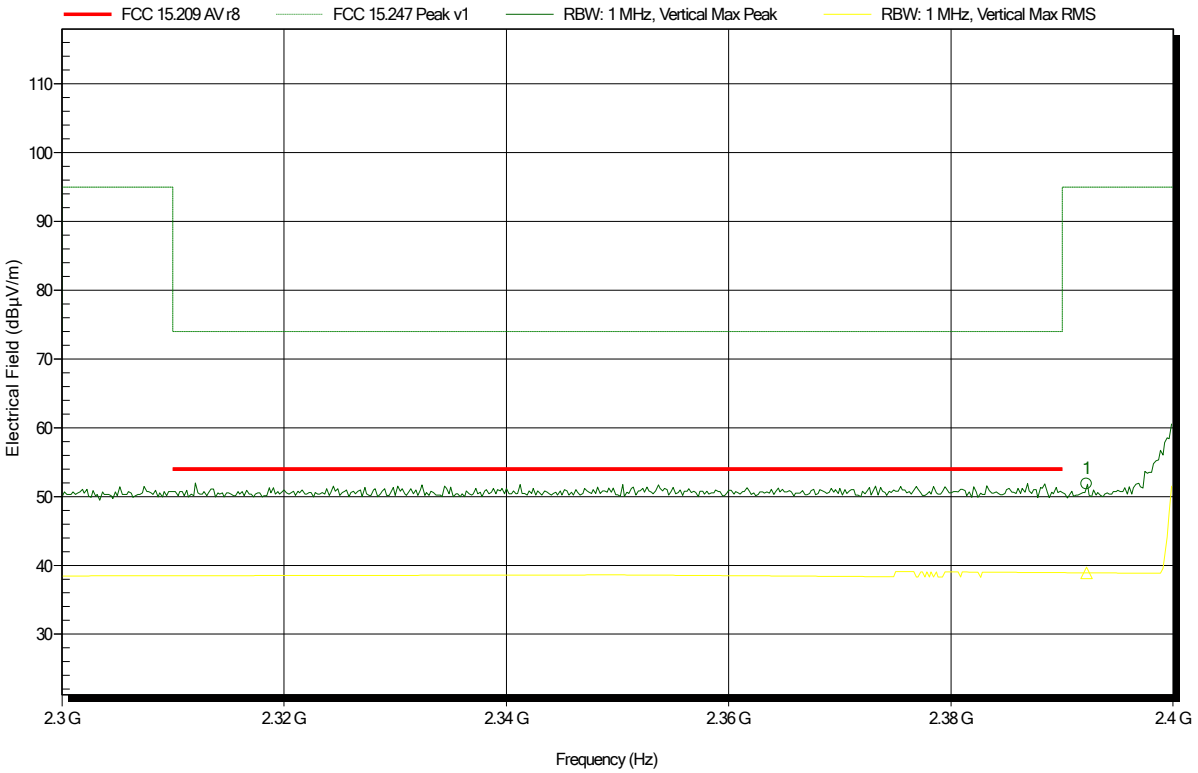
Frequency	RMS	RMS Limit	RMS Difference	RMS Status
2.378 GHz	38.31 dBµV/m	54 dBµV/m	-15.69 dB	Pass

Spurious emissions according to FCC 15.247

Project number: G0M-1709-6878

Applicant:	peiker CEE GmbH
EUT Name:	CEECOACH
Model:	CC2
Test Site:	Eurofins Product Service GmbH
Operator:	Abdullah Al Jamal
Test Conditions:	Tnom: 24.6°C, Vnom: 5.0 VDC
Antenna:	Schwarzbeck BBHA 9120D, Vertical
Measurement distance:	1 m converted to 3m
Mode:	TX; BT (customer label BT2); 2402 MHz; DH5
Test Date:	2017-10-24
Note:	lower bandedge

Index 115



Frequency	Peak	Peak Limit	Peak Difference	Peak Status
2.3922 GHz	51.82 dBµV/m	95 dBµV/m	-43.18 dB	Pass

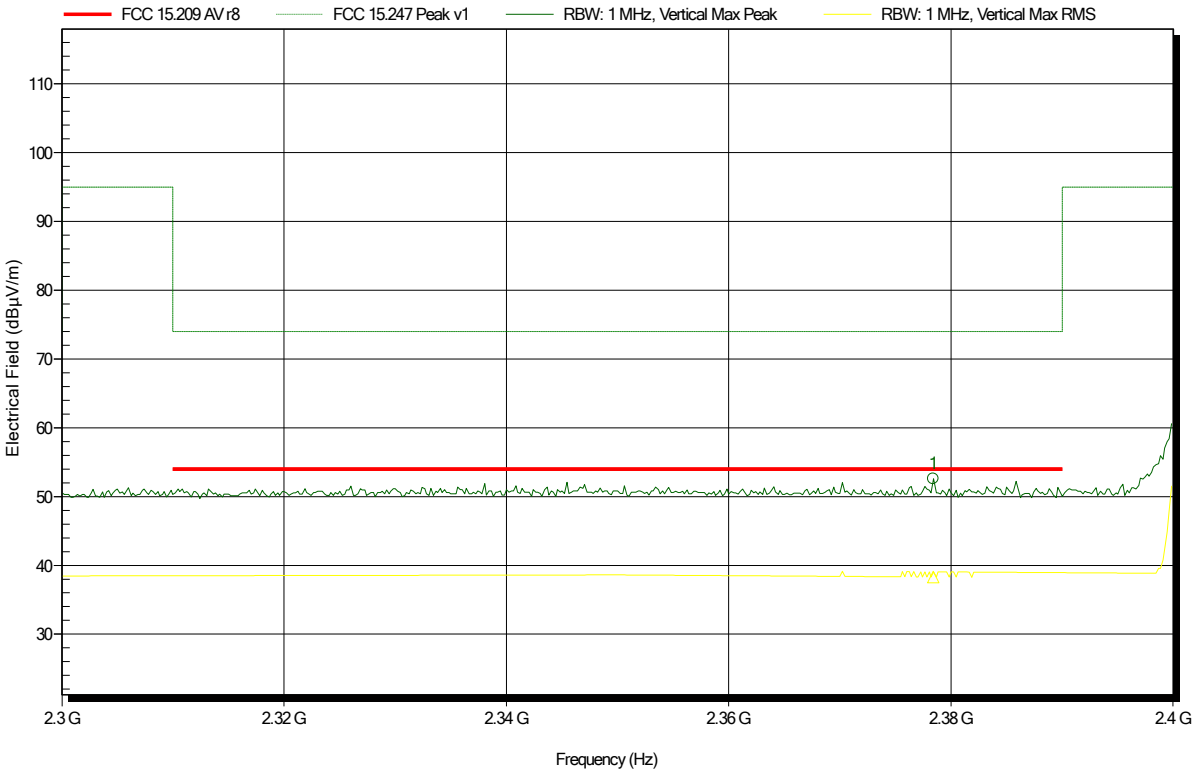
Frequency	RMS
2.3922 GHz	38.91 dBµV/m

Spurious emissions according to FCC 15.247

Project number: G0M-1709-6878

Applicant:	peiker CEE GmbH
EUT Name:	CEECOACH
Model:	CC2
Test Site:	Eurofins Product Service GmbH
Operator:	Abdullah Al Jamal
Test Conditions:	Tnom: 24.6°C, Vnom: 5.0 VDC
Antenna:	Schwarzbeck BBHA 9120D, Vertical
Measurement distance:	1 m converted to 3m
Mode:	TX; BT (customer label BT2); 2402 MHz; 3-DH5
Test Date:	2017-10-24
Note:	lower bandedge

Index 117



Frequency	Peak	Peak Limit	Peak Difference	Peak Status
2.3784 GHz	52.6 dBµV/m	74 dBµV/m	-21.4 dB	Pass

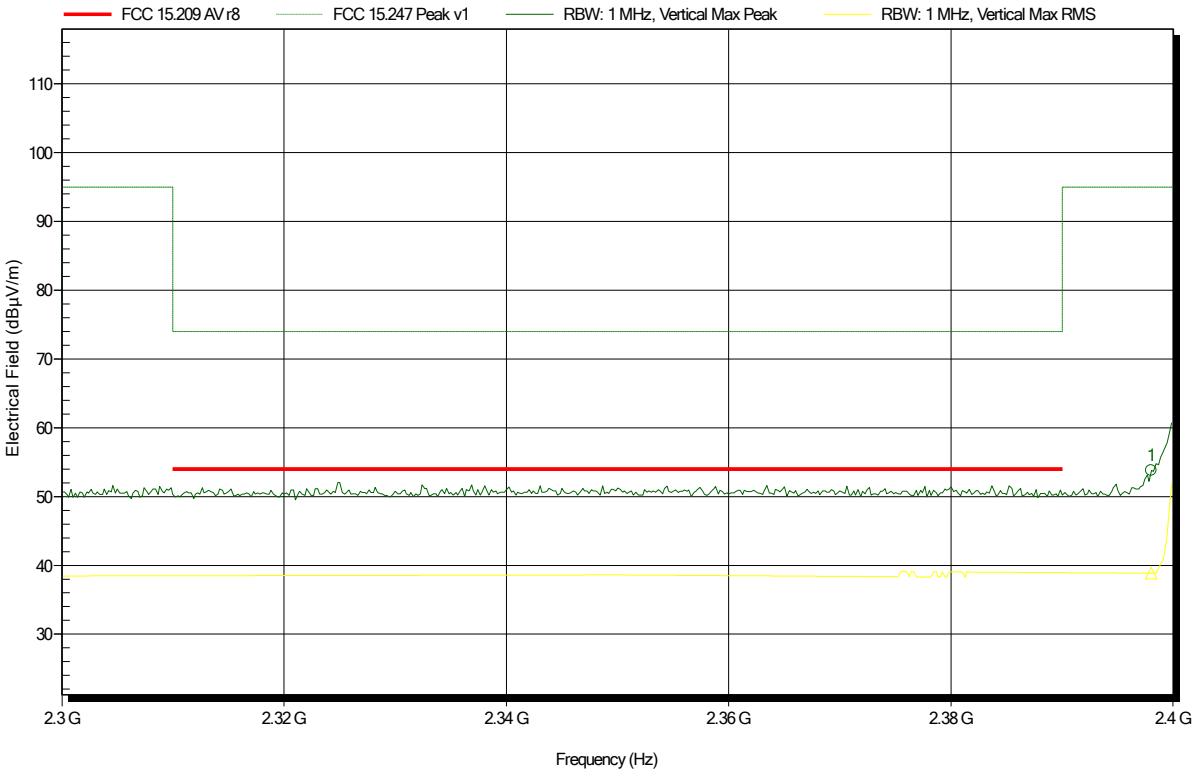
Frequency	RMS	RMS Limit	RMS Difference	RMS Status
2.3784 GHz	38.31 dBµV/m	54 dBµV/m	-15.69 dB	Pass

Spurious emissions according to FCC 15.247

Project number: G0M-1709-6878

Applicant:	peiker CEE GmbH
EUT Name:	CEECOACH
Model:	CC2
Test Site:	Eurofins Product Service GmbH
Operator:	Abdullah Al Jamal
Test Conditions:	Tnom: 24.6°C, Vnom: 5.0 VDC
Antenna:	Schwarzbeck BBHA 9120D, Vertical
Measurement distance:	1 m converted to 3m
Mode:	TX; BT (customer label BT2); 2402 MHz; 2-DH5
Test Date:	2017-10-24
Note:	lower bandedge

Index 116



Frequency	Peak	Peak Limit	Peak Difference	Peak Status
2.398 GHz	53.79 dBµV/m	95 dBµV/m	-41.21 dB	Pass

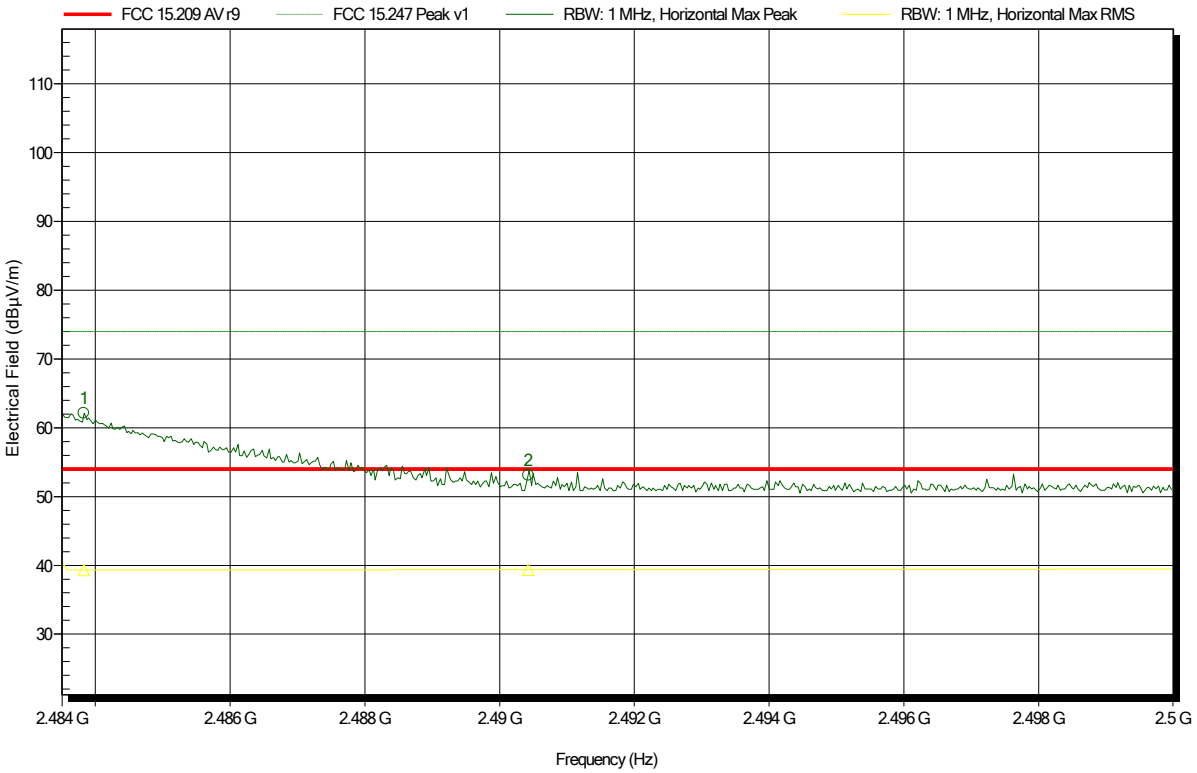
Frequency	RMS
2.398 GHz	38.85 dBµV/m

Spurious emissions according to FCC 15.247

Project number: G0M-1709-6878

Applicant:	peiker CEE GmbH
EUT Name:	CEECOACH
Model:	CC2
Test Site:	Eurofins Product Service GmbH
Operator:	Abdullah Al Jamal
Test Conditions:	Tnom: 24.6°C, Vnom: 5.0 VDC
Antenna:	Schwarzbeck BBHA 9120D, Horizontal
Measurement distance:	1 m converted to 3m
Mode:	TX; BT (customer label BT2); 2480 MHz; DH5
Test Date:	2017-10-24
Note:	upper bandedge

Index 121



Frequency	Peak	Peak Limit	Peak Difference	Peak Status
2.4838 GHz	62.13 dBµV/m	74 dBµV/m	-11.87 dB	Pass
2.4904 GHz	53.09 dBµV/m	74 dBµV/m	-20.91 dB	Pass

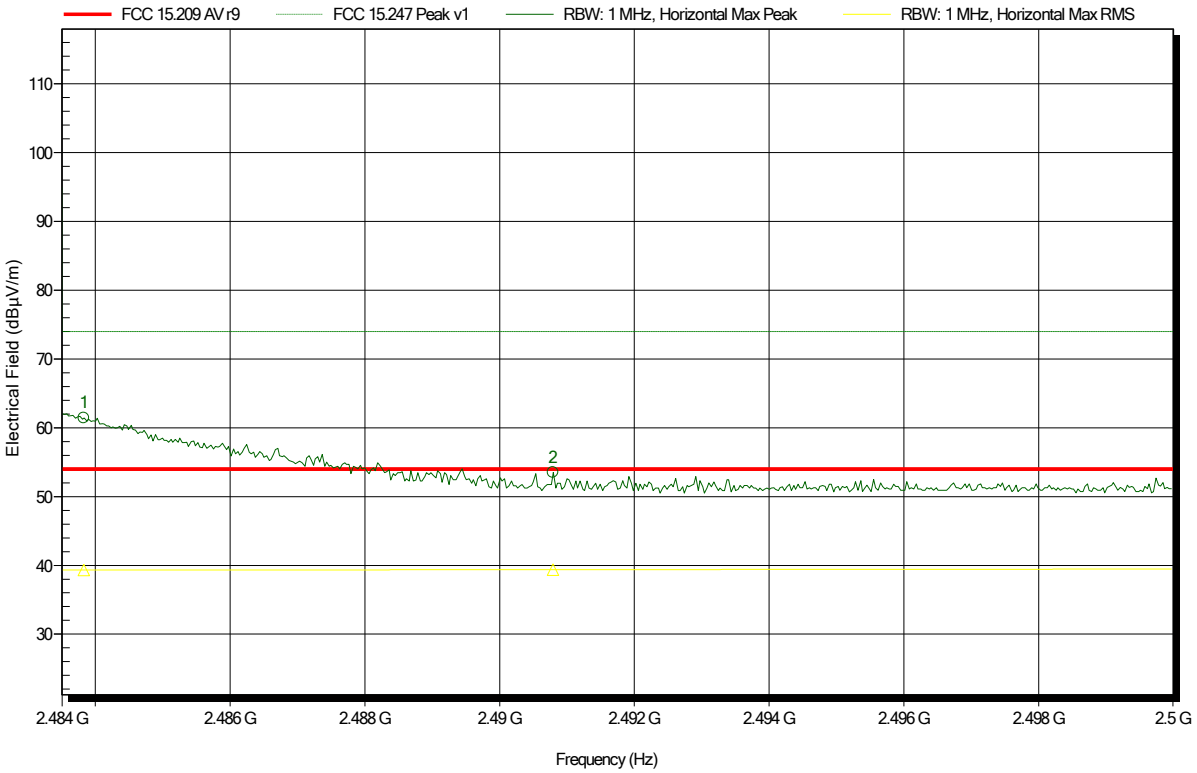
Frequency	RMS	RMS Limit	RMS Difference	RMS Status
2.4838 GHz	39.31 dBµV/m	54 dBµV/m	-14.69 dB	Pass
2.4904 GHz	39.37 dBµV/m	54 dBµV/m	-14.63 dB	Pass

Spurious emissions according to FCC 15.247

Project number: G0M-1709-6878

Applicant:	peiker CEE GmbH
EUT Name:	CEECOACH
Model:	CC2
Test Site:	Eurofins Product Service GmbH
Operator:	Abdullah Al Jamal
Test Conditions:	Tnom: 24.6°C, Vnom: 5.0 VDC
Antenna:	Schwarzbeck BBHA 9120D, Horizontal
Measurement distance:	1 m converted to 3m
Mode:	TX; BT (customer label BT2); 2480 MHz; 3-DH5
Test Date:	2017-10-24
Note:	upper bandedge

Index 123



Frequency	Peak	Peak Limit	Peak Difference	Peak Status
2.4838 GHz	61.42 dBµV/m	74 dBµV/m	-12.58 dB	Pass
2.4908 GHz	53.5 dBµV/m	74 dBµV/m	-20.5 dB	Pass

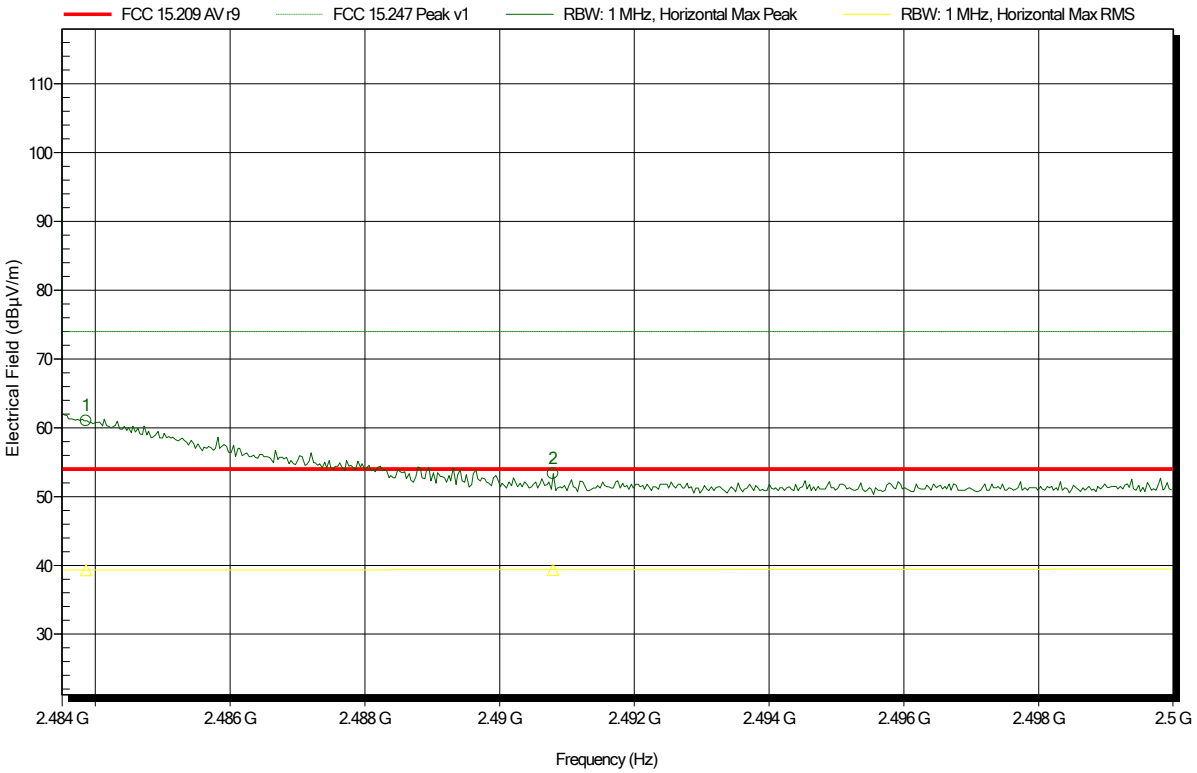
Frequency	RMS	RMS Limit	RMS Difference	RMS Status
2.4838 GHz	39.31 dBµV/m	54 dBµV/m	-14.69 dB	Pass
2.4908 GHz	39.37 dBµV/m	54 dBµV/m	-14.63 dB	Pass

Spurious emissions according to FCC 15.247

Project number: G0M-1709-6878

Applicant:	peiker CEE GmbH
EUT Name:	CEECOACH
Model:	CC2
Test Site:	Eurofins Product Service GmbH
Operator:	Abdullah Al Jamal
Test Conditions:	Tnom: 24.6°C, Vnom: 5.0 VDC
Antenna:	Schwarzbeck BBHA 9120D, Horizontal
Measurement distance:	1 m converted to 3m
Mode:	TX; BT (customer label BT2); 2480 MHz; 2-DH5
Test Date:	2017-10-24
Note:	upper bandedge

Index 122



Frequency	Peak	Peak Limit	Peak Difference	Peak Status
2.4839 GHz	61.02 dBµV/m	74 dBµV/m	-12.98 dB	Pass
2.4908 GHz	53.35 dBµV/m	74 dBµV/m	-20.65 dB	Pass

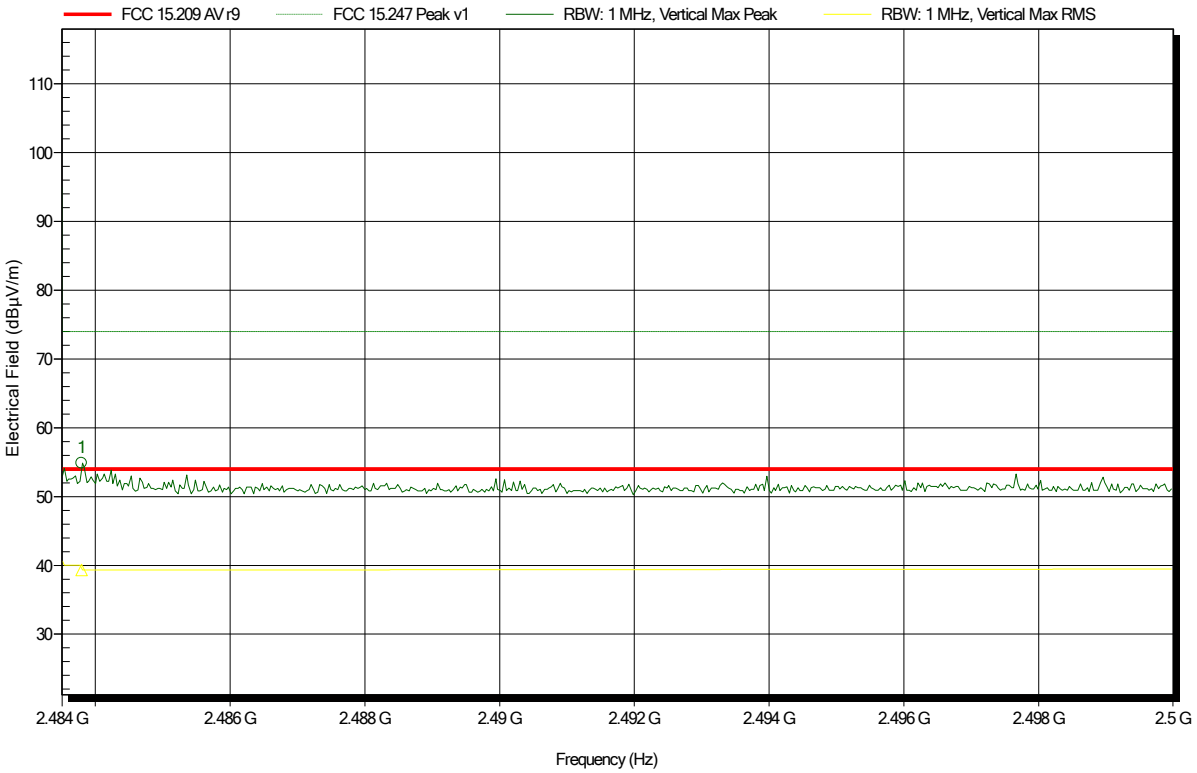
Frequency	RMS	RMS Limit	RMS Difference	RMS Status
2.4839 GHz	39.31 dBµV/m	54 dBµV/m	-14.69 dB	Pass
2.4908 GHz	39.37 dBµV/m	54 dBµV/m	-14.63 dB	Pass

Spurious emissions according to FCC 15.247

Project number: G0M-1709-6878

Applicant:	peiker CEE GmbH
EUT Name:	CEECOACH
Model:	CC2
Test Site:	Eurofins Product Service GmbH
Operator:	Abdullah Al Jamal
Test Conditions:	Tnom: 24.6°C, Vnom: 5.0 VDC
Antenna:	Schwarzbeck BBHA 9120D, Vertical
Measurement distance:	1 m converted to 3m
Mode:	TX; BT (customer label BT2); 2480 MHz; DH5
Test Date:	2017-10-24
Note:	upper bandedge

Index 112



Frequency	Peak	Peak Limit	Peak Difference	Peak Status
2.4838 GHz	54.88 dBµV/m	74 dBµV/m	-19.12 dB	Pass

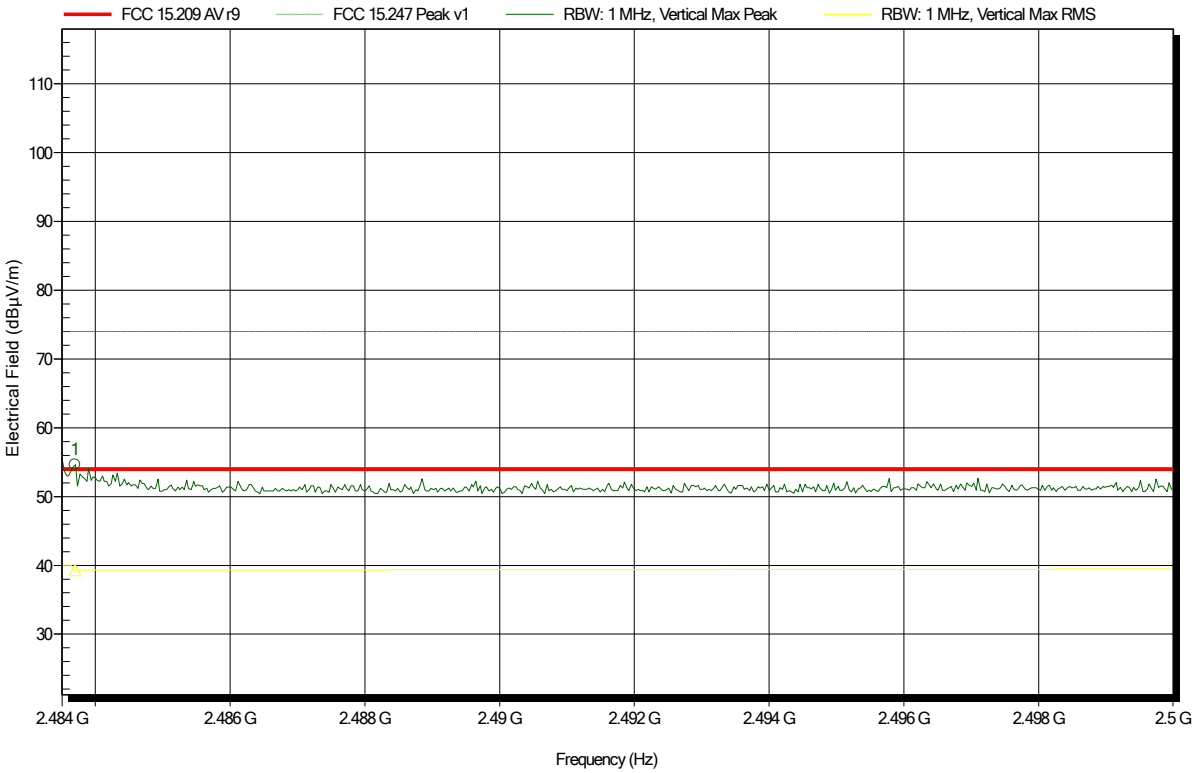
Frequency	RMS	RMS Limit	RMS Difference	RMS Status
2.4838 GHz	39.31 dBµV/m	54 dBµV/m	-14.69 dB	Pass

Spurious emissions according to FCC 15.247

Project number: G0M-1709-6878

Applicant:	peiker CEE GmbH
EUT Name:	CEECOACH
Model:	CC2
Test Site:	Eurofins Product Service GmbH
Operator:	Abdullah Al Jamal
Test Conditions:	Tnom: 24.6°C, Vnom: 5.0 VDC
Antenna:	Schwarzbeck BBHA 9120D, Vertical
Measurement distance:	1 m converted to 3m
Mode:	TX; BT (customer label BT2); 2480 MHz; 3-DH5
Test Date:	2017-10-24
Note:	upper bandedge

Index 114



Frequency	Peak	Peak Limit	Peak Difference	Peak Status
2.4837 GHz	54.63 dBµV/m	74 dBµV/m	-19.37 dB	Pass

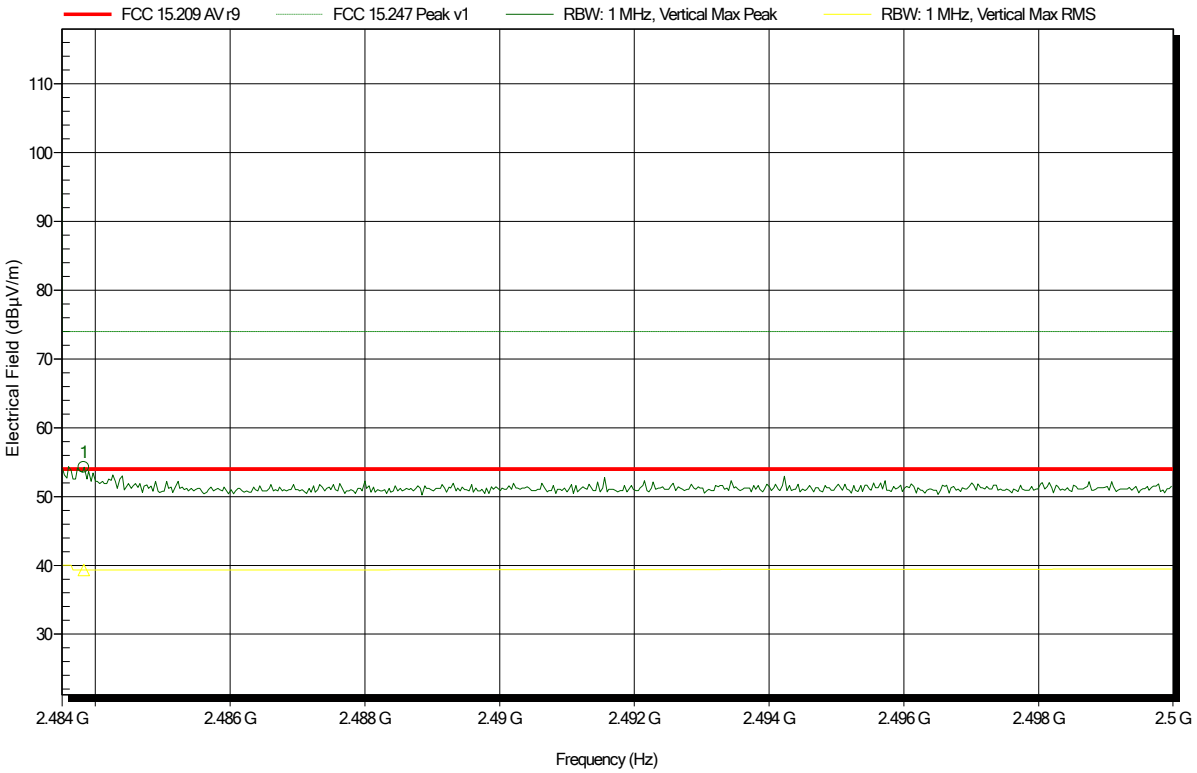
Frequency	RMS	RMS Limit	RMS Difference	RMS Status
2.4837 GHz	39.31 dBµV/m	54 dBµV/m	-14.69 dB	Pass

Spurious emissions according to FCC 15.247

Project number: G0M-1709-6878

Applicant:	peiker CEE GmbH
EUT Name:	CEECOACH
Model:	CC2
Test Site:	Eurofins Product Service GmbH
Operator:	Abdullah Al Jamal
Test Conditions:	Tnom: 24.6°C, Vnom: 5.0 VDC
Antenna:	Schwarzbeck BBHA 9120D, Vertical
Measurement distance:	1 m converted to 3m
Mode:	TX; BT (customer label BT2); 2480 MHz; 2-DH5
Test Date:	2017-10-24
Note:	upper bandedge

Index 113



Frequency	Peak	Peak Limit	Peak Difference	Peak Status
2.4838 GHz	54.25 dBµV/m	74 dBµV/m	-19.75 dB	Pass

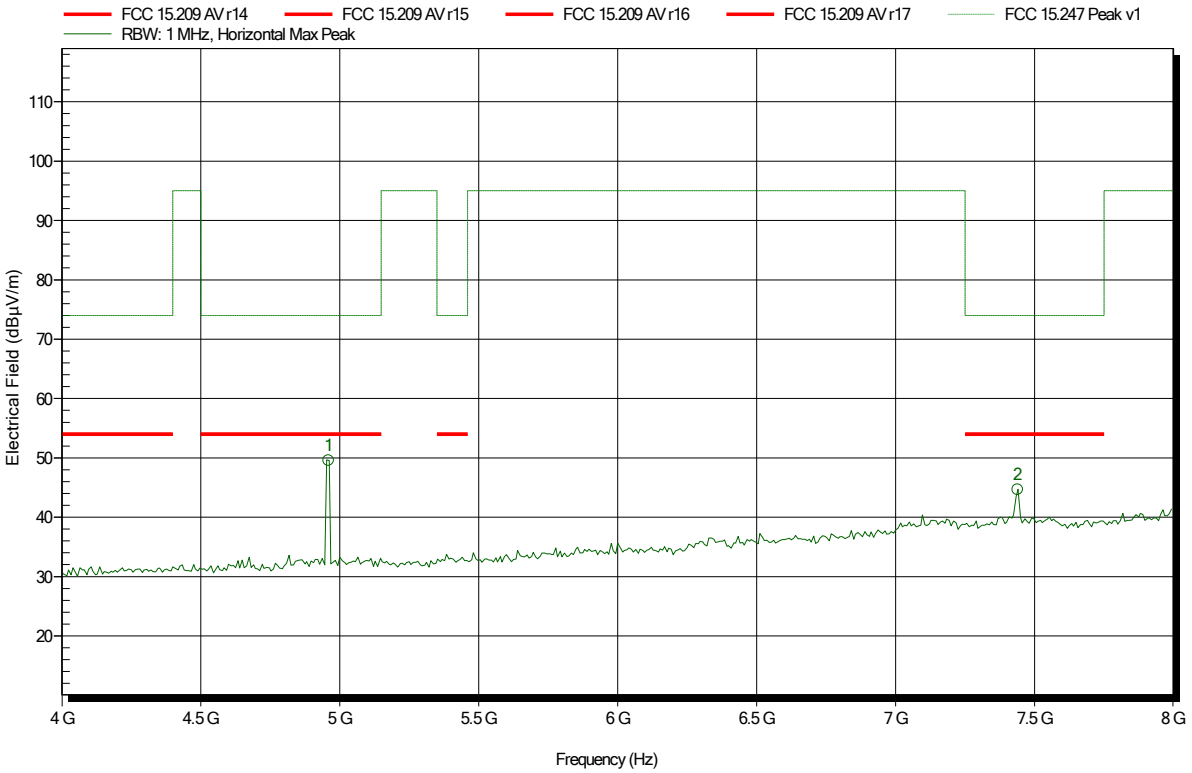
Frequency	RMS	RMS Limit	RMS Difference	RMS Status
2.4838 GHz	39.31 dBµV/m	54 dBµV/m	-14.69 dB	Pass

Spurious emissions according to FCC 15.247

Project number: G0M-1709-6878

Applicant:	peiker CEE GmbH
EUT Name:	CEECOACH
Model:	CC2
Test Site:	Eurofins Product Service GmbH
Operator:	Abdullah Al Jamal
Test Conditions:	Tnom: 24.6°C, Vnom: 5.0 VDC
Antenna:	Schwarzbeck BBHA 9120D, Horizontal
Measurement distance:	1 m converted to 3m
Mode:	TX; BT (customer label BT2); 2480 MHz; DH5
Test Date:	2017-10-24
Note:	

Index 124



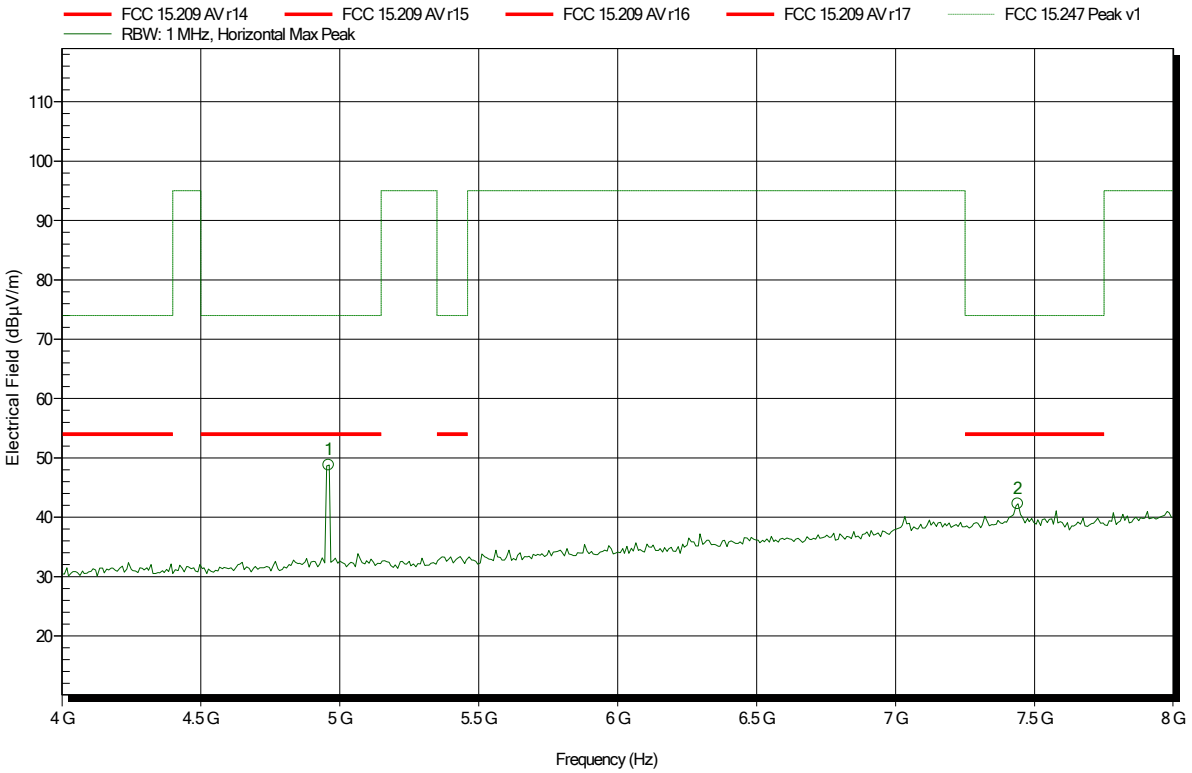
Frequency	Peak	Peak Limit	Peak Difference	Peak Status
4.96 GHz	49.55 dBµV/m	74 dBµV/m	-24.45 dB	Pass
7.44 GHz	44.67 dBµV/m	74 dBµV/m	-29.33 dB	Pass

Spurious emissions according to FCC 15.247

Project number: G0M-1709-6878

Applicant:	peiker CEE GmbH
EUT Name:	CEECOACH
Model:	CC2
Test Site:	Eurofins Product Service GmbH
Operator:	Abdullah Al Jamal
Test Conditions:	Tnom: 24.6°C, Vnom: 5.0 VDC
Antenna:	Schwarzbeck BBHA 9120D, Horizontal
Measurement distance:	1 m converted to 3m
Mode:	TX; BT (customer label BT2); 2480 MHz; 3-DH5
Test Date:	2017-10-24
Note:	

Index 126



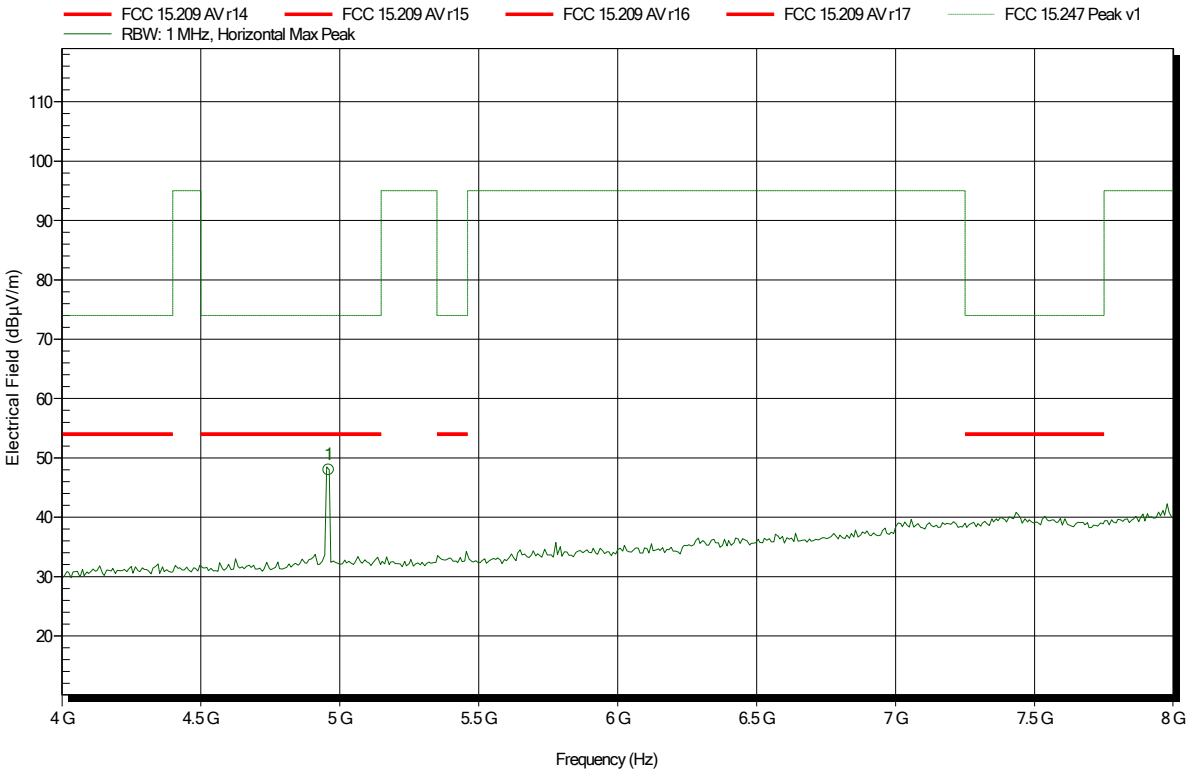
Frequency	Peak	Peak Limit	Peak Difference	Peak Status
4.96 GHz	48.79 dBµV/m	74 dBµV/m	-25.21 dB	Pass
7.44 GHz	42.29 dBµV/m	74 dBµV/m	-31.71 dB	Pass

Spurious emissions according to FCC 15.247

Project number: G0M-1709-6878

Applicant:	peiker CEE GmbH
EUT Name:	CEECOACH
Model:	CC2
Test Site:	Eurofins Product Service GmbH
Operator:	Abdullah Al Jamal
Test Conditions:	Tnom: 24.6°C, Vnom: 5.0 VDC
Antenna:	Schwarzbeck BBHA 9120D, Horizontal
Measurement distance:	1 m converted to 3m
Mode:	TX; BT (customer label BT2); 2480 MHz; 2-DH5
Test Date:	2017-10-24
Note:	

Index 125



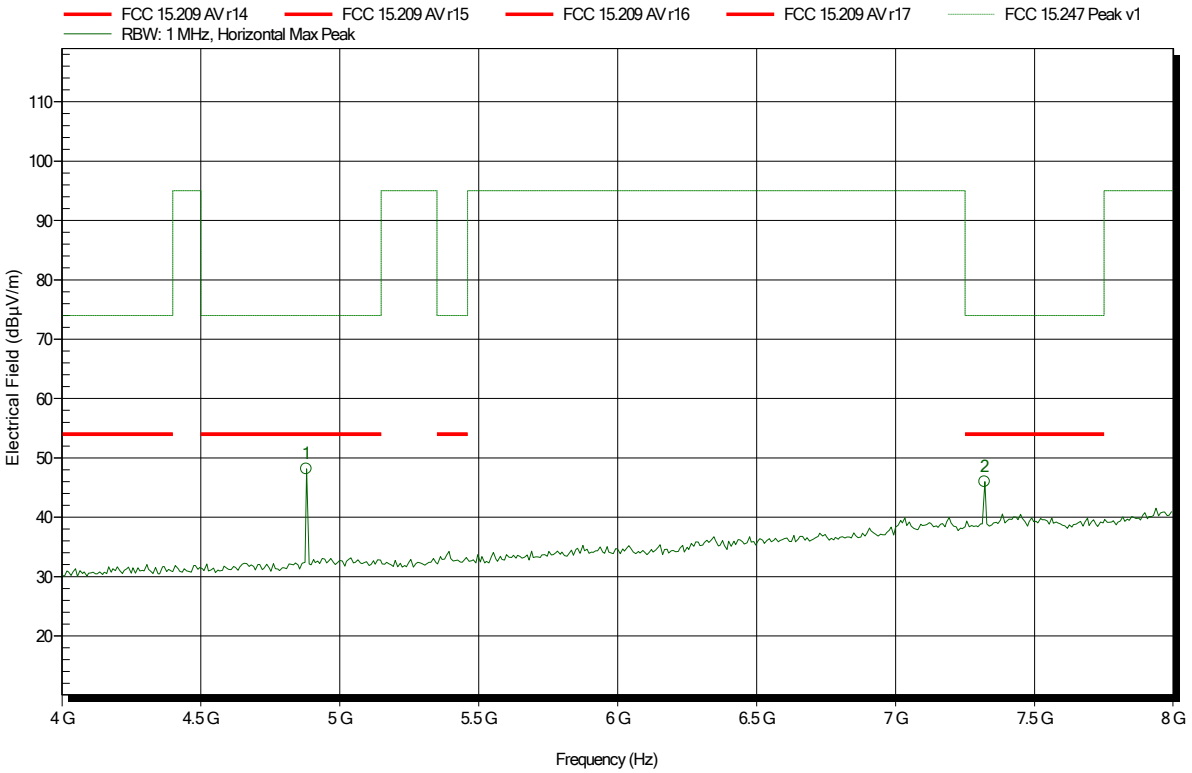
Frequency	Peak	Peak Limit	Peak Difference	Peak Status
4.96 GHz	47.98 dBµV/m	74 dBµV/m	-26.02 dB	Pass

Spurious emissions according to FCC 15.247

Project number: G0M-1709-6878

Applicant:	peiker CEE GmbH
EUT Name:	CEECOACH
Model:	CC2
Test Site:	Eurofins Product Service GmbH
Operator:	Abdullah Al Jamal
Test Conditions:	Tnom: 24.6°C, Vnom: 5.0 VDC
Antenna:	Schwarzbeck BBHA 9120D, Horizontal
Measurement distance:	1 m converted to 3m
Mode:	TX; BT (customer label BT2); 2441 MHz; DH5
Test Date:	2017-10-24
Note:	

Index 127



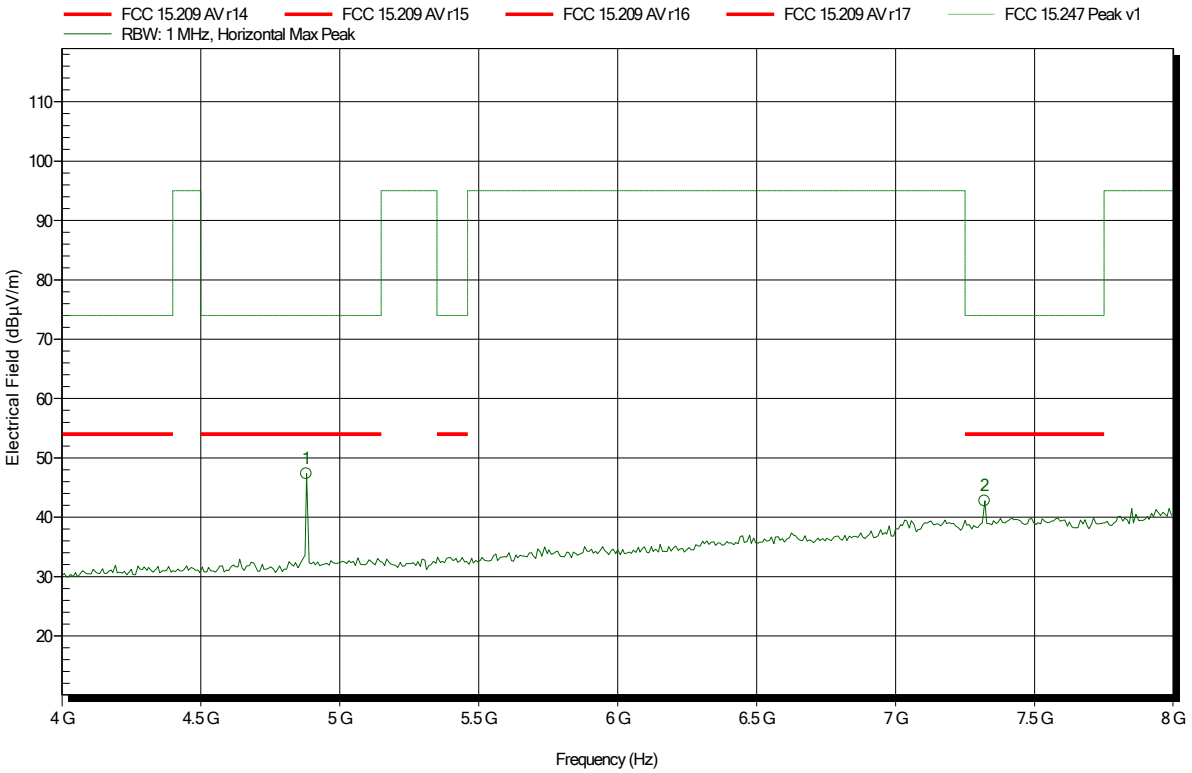
Frequency	Peak	Peak Limit	Peak Difference	Peak Status
4.88 GHz	48.14 dBµV/m	74 dBµV/m	-25.86 dB	Pass
7.32 GHz	46.01 dBµV/m	74 dBµV/m	-27.99 dB	Pass

Spurious emissions according to FCC 15.247

Project number: G0M-1709-6878

Applicant:	peiker CEE GmbH
EUT Name:	CEECOACH
Model:	CC2
Test Site:	Eurofins Product Service GmbH
Operator:	Abdullah Al Jamal
Test Conditions:	Tnom: 24.6°C, Vnom: 5.0 VDC
Antenna:	Schwarzbeck BBHA 9120D, Horizontal
Measurement distance:	1 m converted to 3m
Mode:	TX; BT (customer label BT2); 2441 MHz; 3-DH5
Test Date:	2017-10-24
Note:	

Index 129



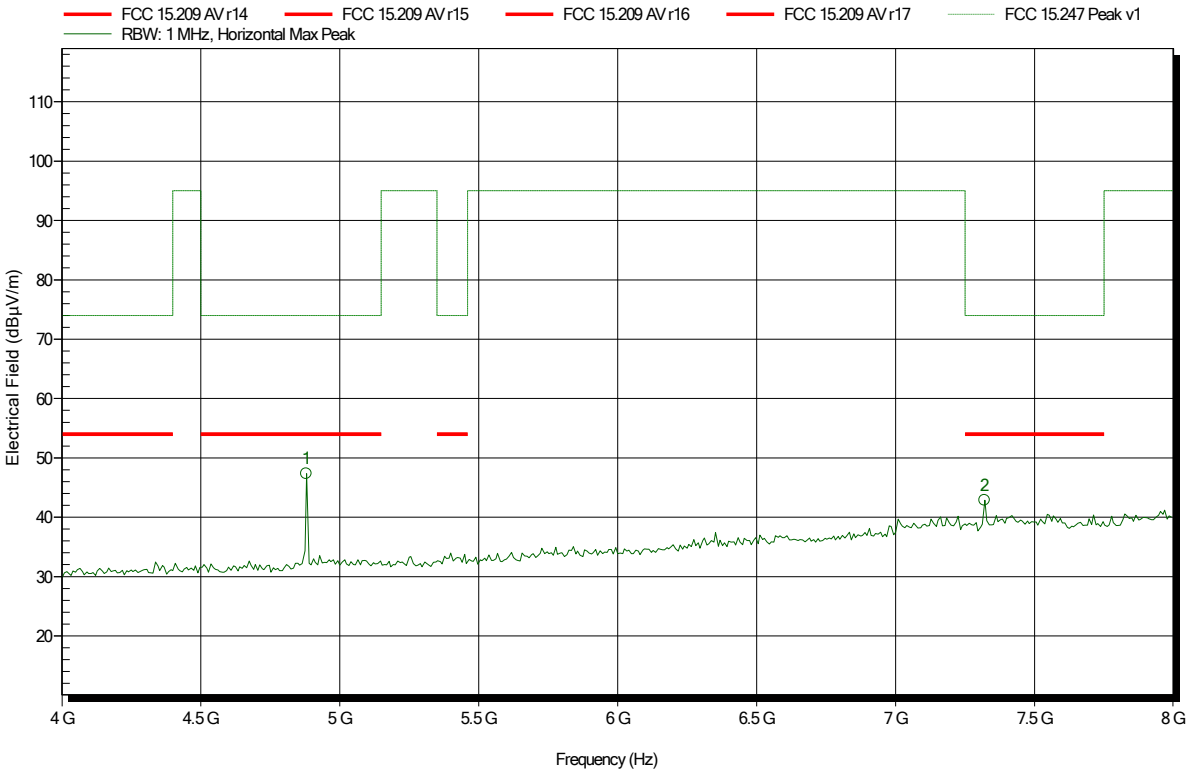
Frequency	Peak	Peak Limit	Peak Difference	Peak Status
4.88 GHz	47.36 dBµV/m	74 dBµV/m	-26.64 dB	Pass
7.32 GHz	42.75 dBµV/m	74 dBµV/m	-31.25 dB	Pass

Spurious emissions according to FCC 15.247

Project number: G0M-1709-6878

Applicant:	peiker CEE GmbH
EUT Name:	CEECOACH
Model:	CC2
Test Site:	Eurofins Product Service GmbH
Operator:	Abdullah Al Jamal
Test Conditions:	Tnom: 24.6°C, Vnom: 5.0 VDC
Antenna:	Schwarzbeck BBHA 9120D, Horizontal
Measurement distance:	1 m converted to 3m
Mode:	TX; BT (customer label BT2); 2441 MHz; 2-DH5
Test Date:	2017-10-24
Note:	

Index 128



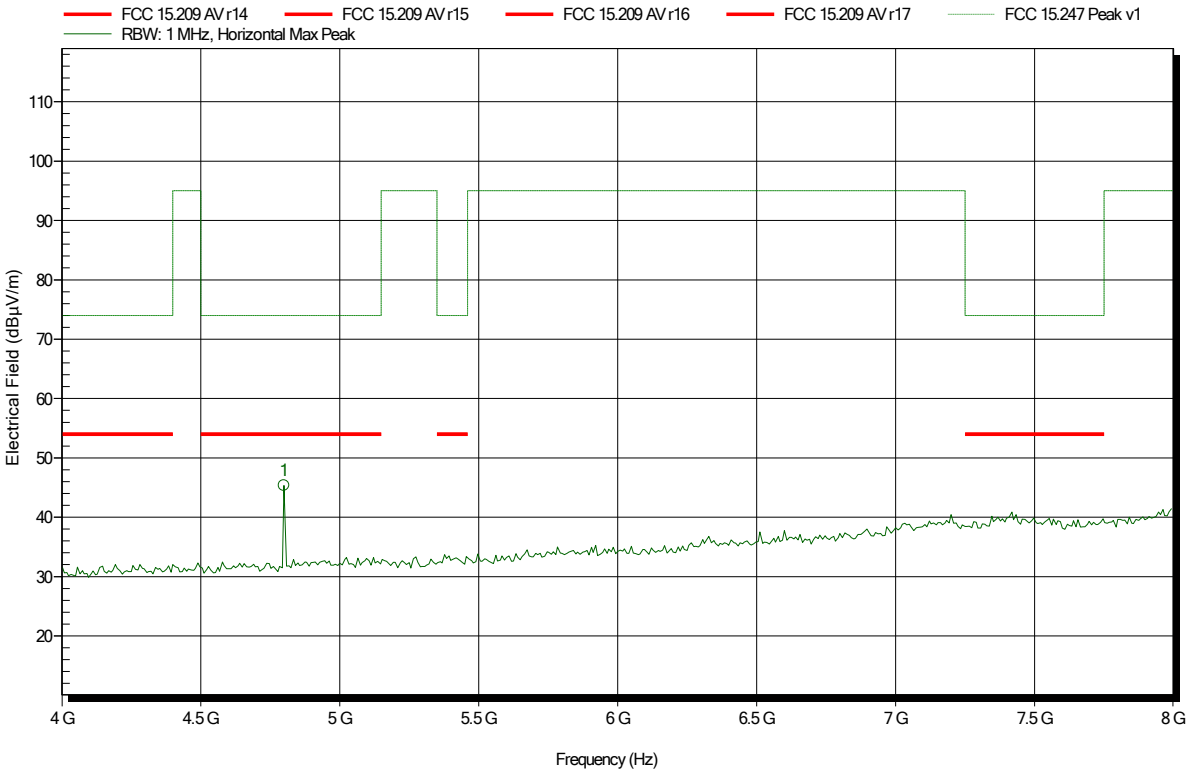
Frequency	Peak	Peak Limit	Peak Difference	Peak Status
4.88 GHz	47.34 dBµV/m	74 dBµV/m	-26.66 dB	Pass
7.32 GHz	42.87 dBµV/m	74 dBµV/m	-31.13 dB	Pass

Spurious emissions according to FCC 15.247

Project number: G0M-1709-6878

Applicant:	peiker CEE GmbH
EUT Name:	CEECOACH
Model:	CC2
Test Site:	Eurofins Product Service GmbH
Operator:	Abdullah Al Jamal
Test Conditions:	Tnom: 24.6°C, Vnom: 5.0 VDC
Antenna:	Schwarzbeck BBHA 9120D, Horizontal
Measurement distance:	1 m converted to 3m
Mode:	TX; BT (customer label BT2); 2402 MHz; DH5
Test Date:	2017-10-24
Note:	

Index 130



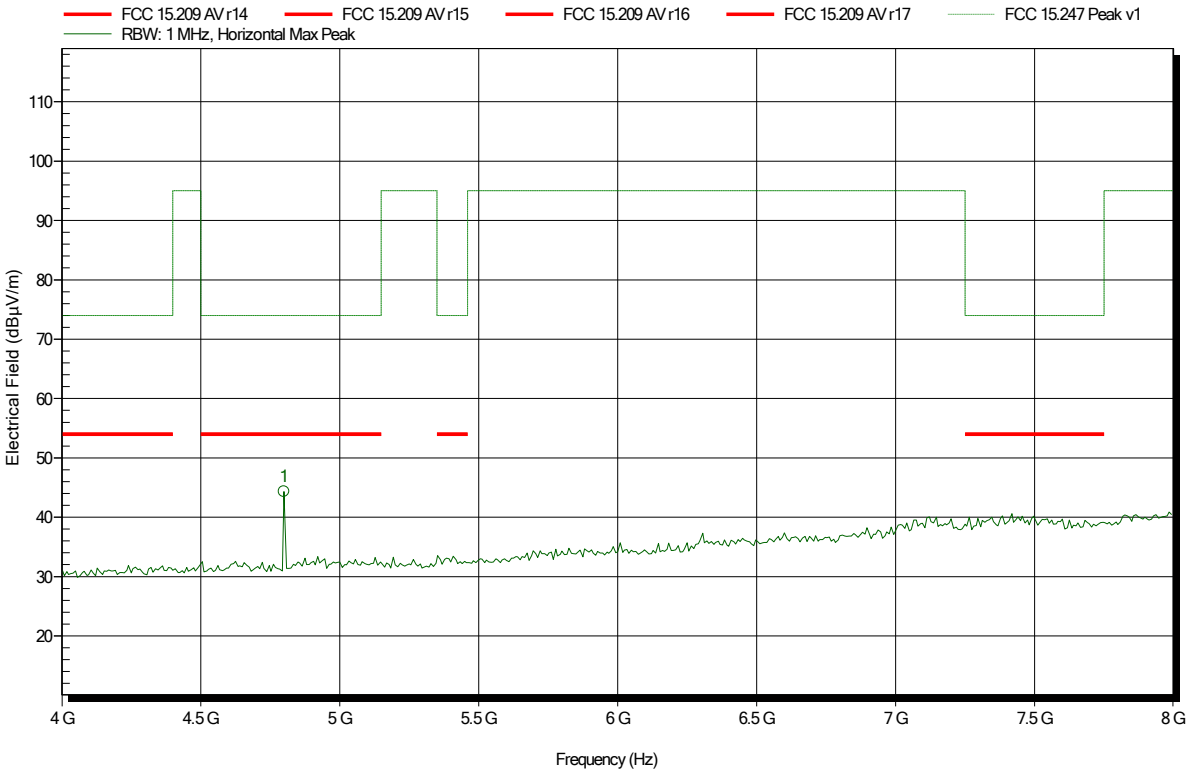
Frequency	Peak	Peak Limit	Peak Difference	Peak Status
4.8 GHz	45.33 dBµV/m	74 dBµV/m	-28.67 dB	Pass

Spurious emissions according to FCC 15.247

Project number: G0M-1709-6878

Applicant:	peiker CEE GmbH
EUT Name:	CEECOACH
Model:	CC2
Test Site:	Eurofins Product Service GmbH
Operator:	Abdullah Al Jamal
Test Conditions:	Tnom: 24.6°C, Vnom: 5.0 VDC
Antenna:	Schwarzbeck BBHA 9120D, Horizontal
Measurement distance:	1 m converted to 3m
Mode:	TX; BT (customer label BT2); 2402 MHz; 3-DH5
Test Date:	2017-10-24
Note:	

Index 132



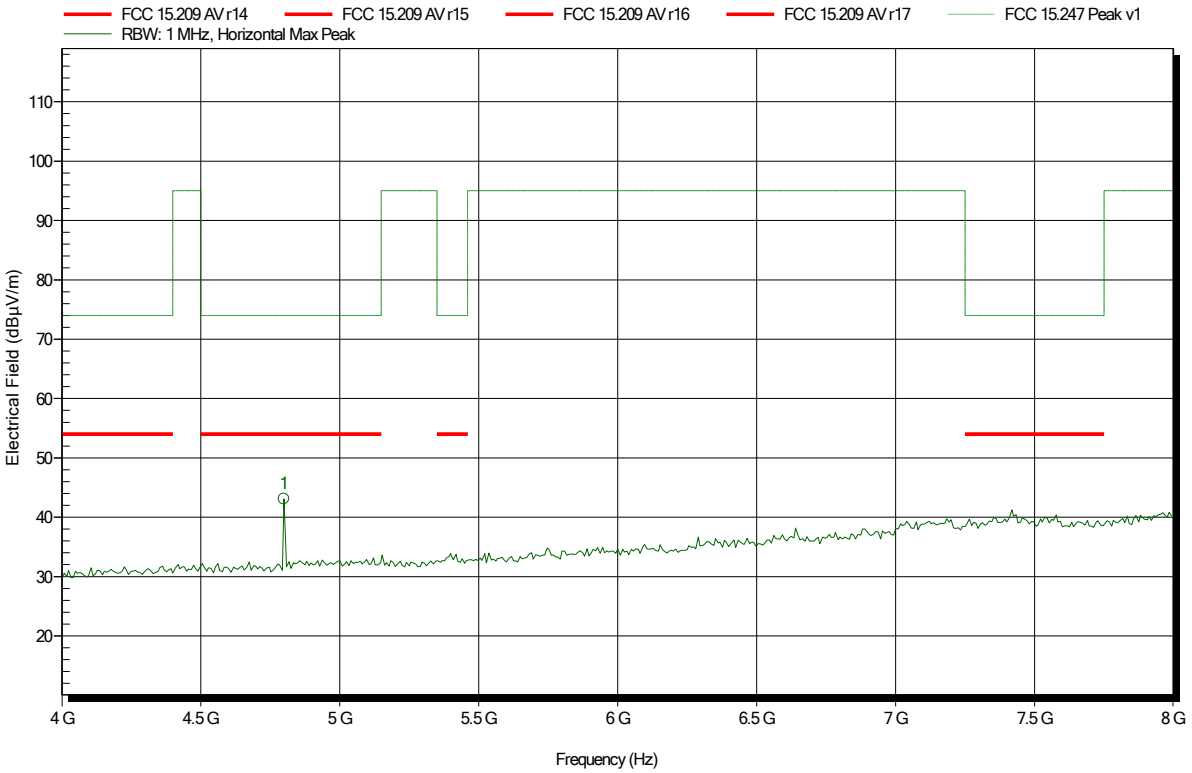
Frequency	Peak	Peak Limit	Peak Difference	Peak Status
4.8 GHz	44.3 dBµV/m	74 dBµV/m	-29.7 dB	Pass

Spurious emissions according to FCC 15.247

Project number: G0M-1709-6878

Applicant:	peiker CEE GmbH
EUT Name:	CEECOACH
Model:	CC2
Test Site:	Eurofins Product Service GmbH
Operator:	Abdullah Al Jamal
Test Conditions:	Tnom: 24.6°C, Vnom: 5.0 VDC
Antenna:	Schwarzbeck BBHA 9120D, Horizontal
Measurement distance:	1 m converted to 3m
Mode:	TX; BT (customer label BT2); 2402 MHz; 2-DH5
Test Date:	2017-10-24
Note:	

Index 131



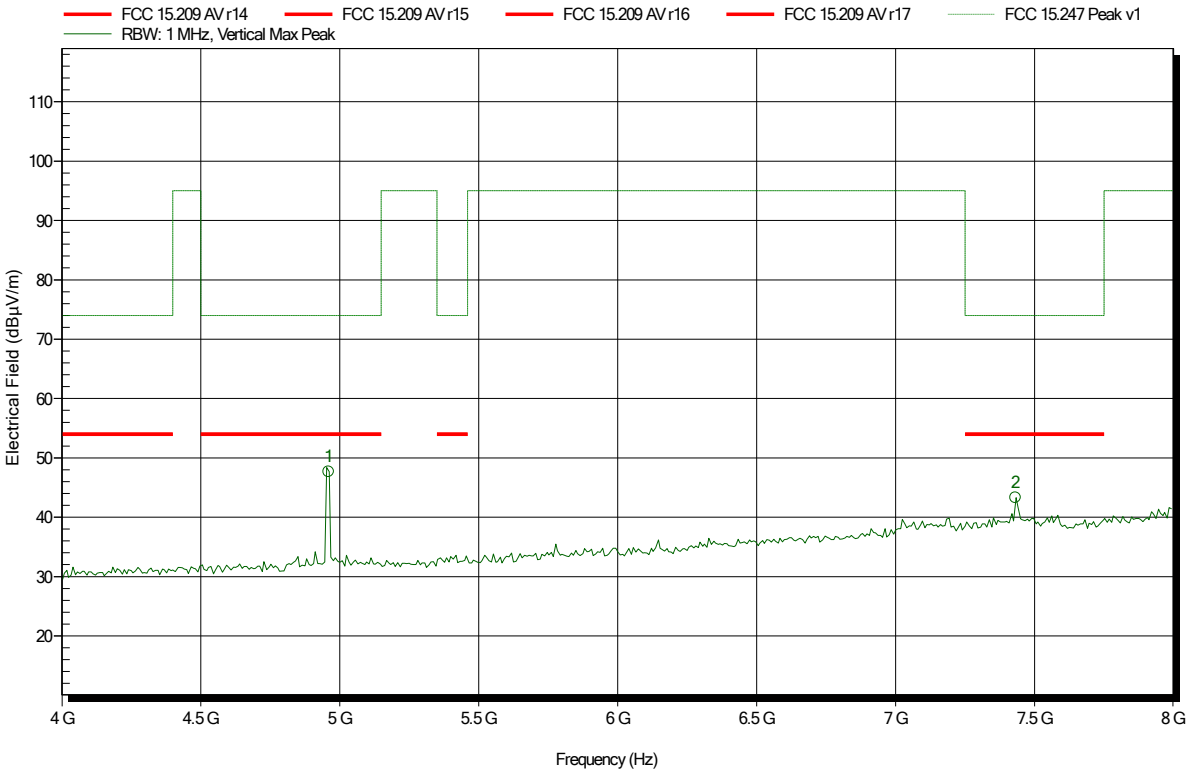
Frequency	Peak	Peak Limit	Peak Difference	Peak Status
4.8 GHz	43.09 dBµV/m	74 dBµV/m	-30.91 dB	Pass

Spurious emissions according to FCC 15.247

Project number: G0M-1709-6878

Applicant:	peiker CEE GmbH
EUT Name:	CEECOACH
Model:	CC2
Test Site:	Eurofins Product Service GmbH
Operator:	Abdullah Al Jamal
Test Conditions:	Tnom: 24.6°C, Vnom: 5.0 VDC
Antenna:	Schwarzbeck BBHA 9120D, Vertical
Measurement distance:	1 m converted to 3m
Mode:	TX; BT (customer label BT2); 2480 MHz; DH5
Test Date:	2017-10-24
Note:	

Index 142



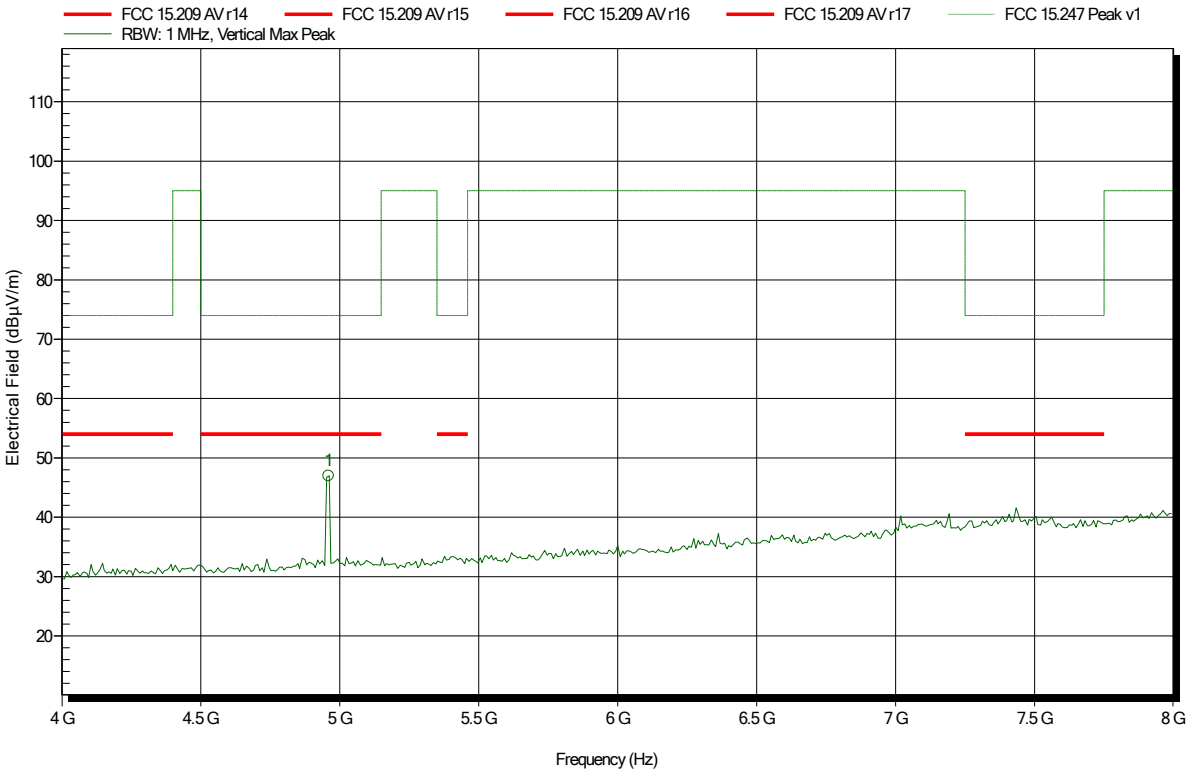
Frequency	Peak	Peak Limit	Peak Difference	Peak Status
4.96 GHz	47.66 dBµV/m	74 dBµV/m	-26.34 dB	Pass
7.432 GHz	43.29 dBµV/m	74 dBµV/m	-30.71 dB	Pass

Spurious emissions according to FCC 15.247

Project number: G0M-1709-6878

Applicant:	peiker CEE GmbH
EUT Name:	CEECOACH
Model:	CC2
Test Site:	Eurofins Product Service GmbH
Operator:	Abdullah Al Jamal
Test Conditions:	Tnom: 24.6°C, Vnom: 5.0 VDC
Antenna:	Schwarzbeck BBHA 9120D, Vertical
Measurement distance:	1 m converted to 3m
Mode:	TX; BT (customer label BT2); 2480 MHz; 3-DH5
Test Date:	2017-10-24
Note:	

Index 144



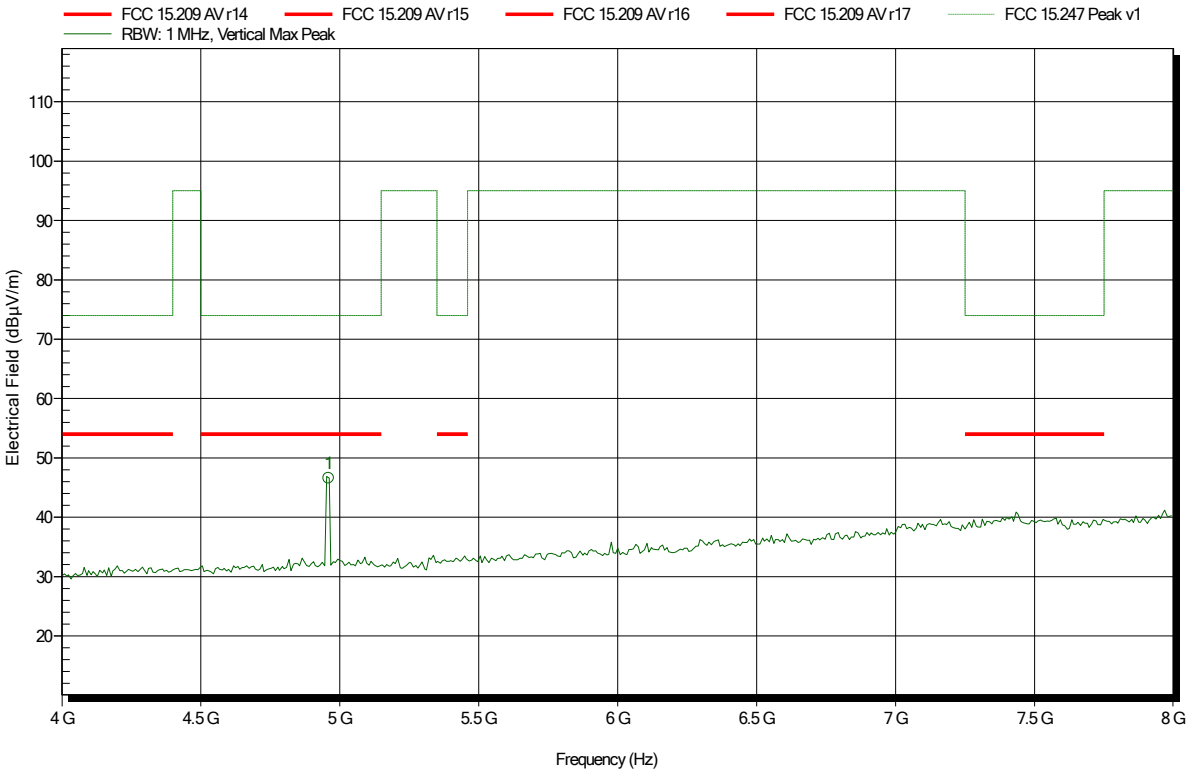
Frequency	Peak	Peak Limit	Peak Difference	Peak Status
4.96 GHz	46.95 dBµV/m	74 dBµV/m	-27.05 dB	Pass

Spurious emissions according to FCC 15.247

Project number: G0M-1709-6878

Applicant:	peiker CEE GmbH
EUT Name:	CEECOACH
Model:	CC2
Test Site:	Eurofins Product Service GmbH
Operator:	Abdullah Al Jamal
Test Conditions:	Tnom: 24.6°C, Vnom: 5.0 VDC
Antenna:	Schwarzbeck BBHA 9120D, Vertical
Measurement distance:	1 m converted to 3m
Mode:	TX; BT (customer label BT2); 2480 MHz; 2-DH5
Test Date:	2017-10-24
Note:	

Index 143



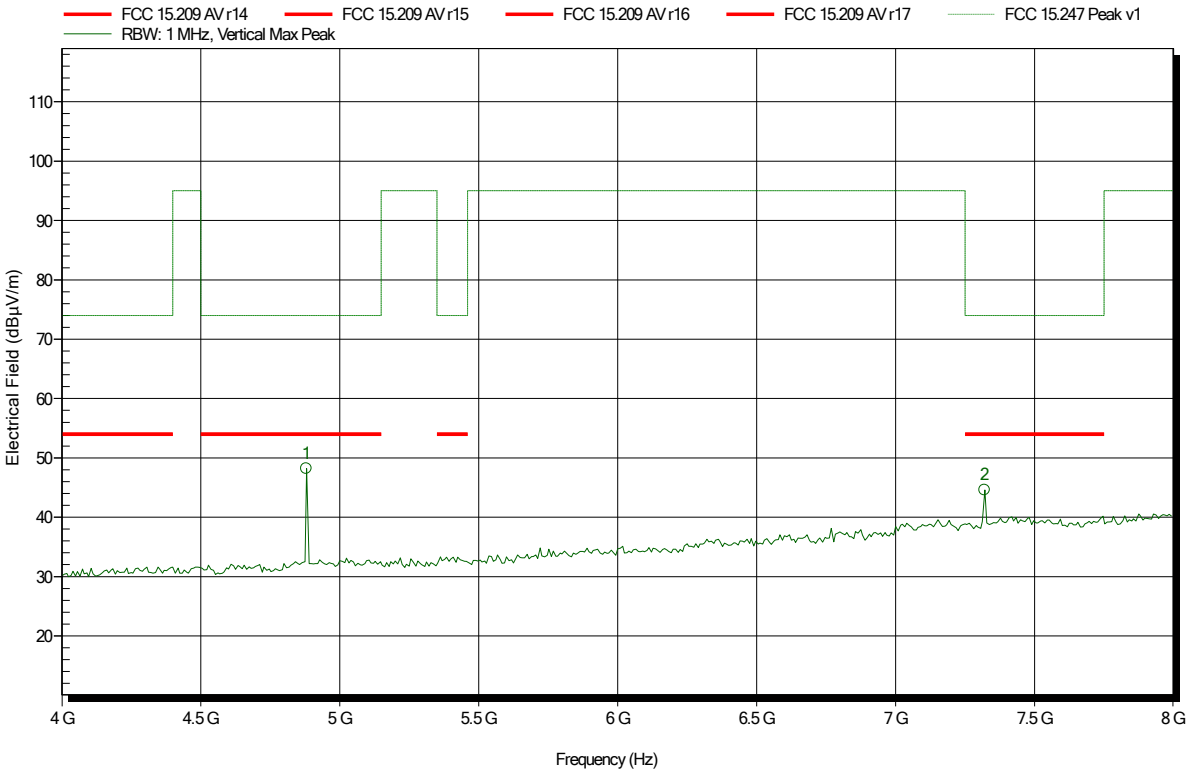
Frequency	Peak	Peak Limit	Peak Difference	Peak Status
4.96 GHz	46.59 dBµV/m	74 dBµV/m	-27.41 dB	Pass

Spurious emissions according to FCC 15.247

Project number: G0M-1709-6878

Applicant:	peiker CEE GmbH
EUT Name:	CEECOACH
Model:	CC2
Test Site:	Eurofins Product Service GmbH
Operator:	Abdullah Al Jamal
Test Conditions:	Tnom: 24.6°C, Vnom: 5.0 VDC
Antenna:	Schwarzbeck BBHA 9120D, Vertical
Measurement distance:	1 m converted to 3m
Mode:	TX; BT (customer label BT2); 2441 MHz; DH5
Test Date:	2017-10-24
Note:	

Index 139



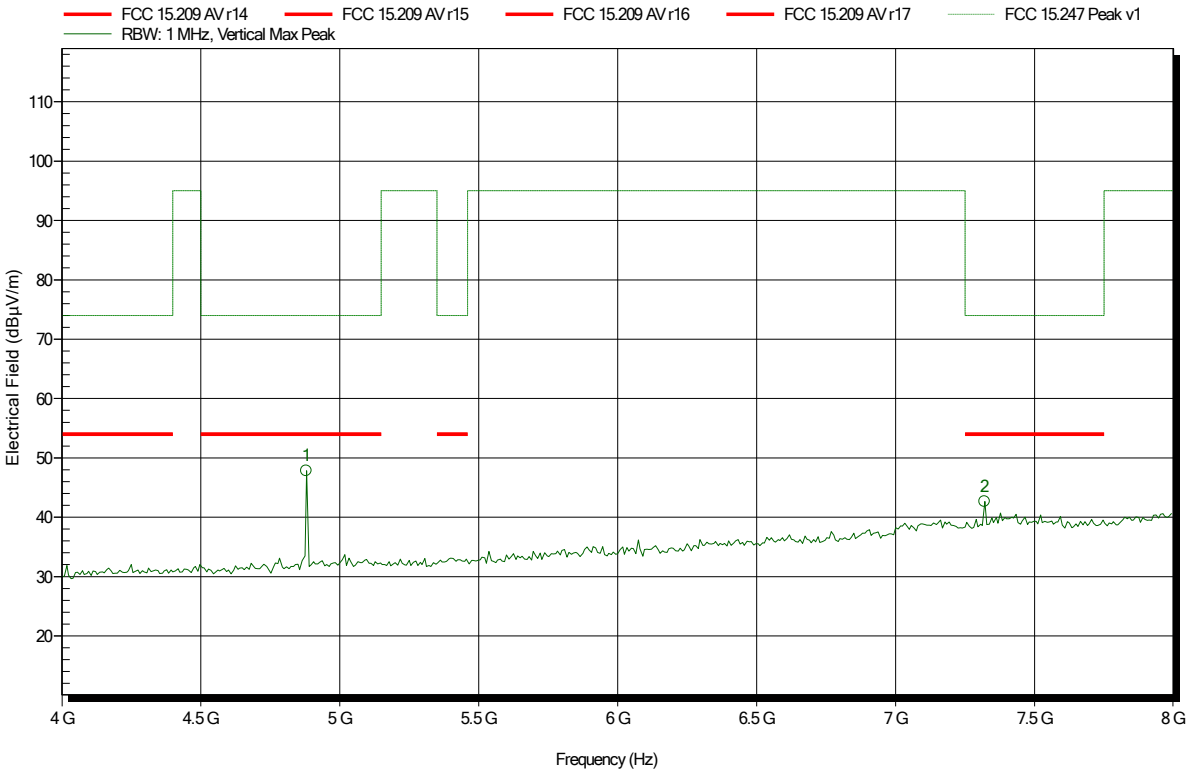
Frequency	Peak	Peak Limit	Peak Difference	Peak Status
4.88 GHz	48.22 dBµV/m	74 dBµV/m	-25.78 dB	Pass
7.32 GHz	44.59 dBµV/m	74 dBµV/m	-29.41 dB	Pass

Spurious emissions according to FCC 15.247

Project number: G0M-1709-6878

Applicant:	peiker CEE GmbH
EUT Name:	CEECOACH
Model:	CC2
Test Site:	Eurofins Product Service GmbH
Operator:	Abdullah Al Jamal
Test Conditions:	Tnom: 24.6°C, Vnom: 5.0 VDC
Antenna:	Schwarzbeck BBHA 9120D, Vertical
Measurement distance:	1 m converted to 3m
Mode:	TX; BT (customer label BT2); 2441 MHz; 3-DH5
Test Date:	2017-10-24
Note:	

Index 141



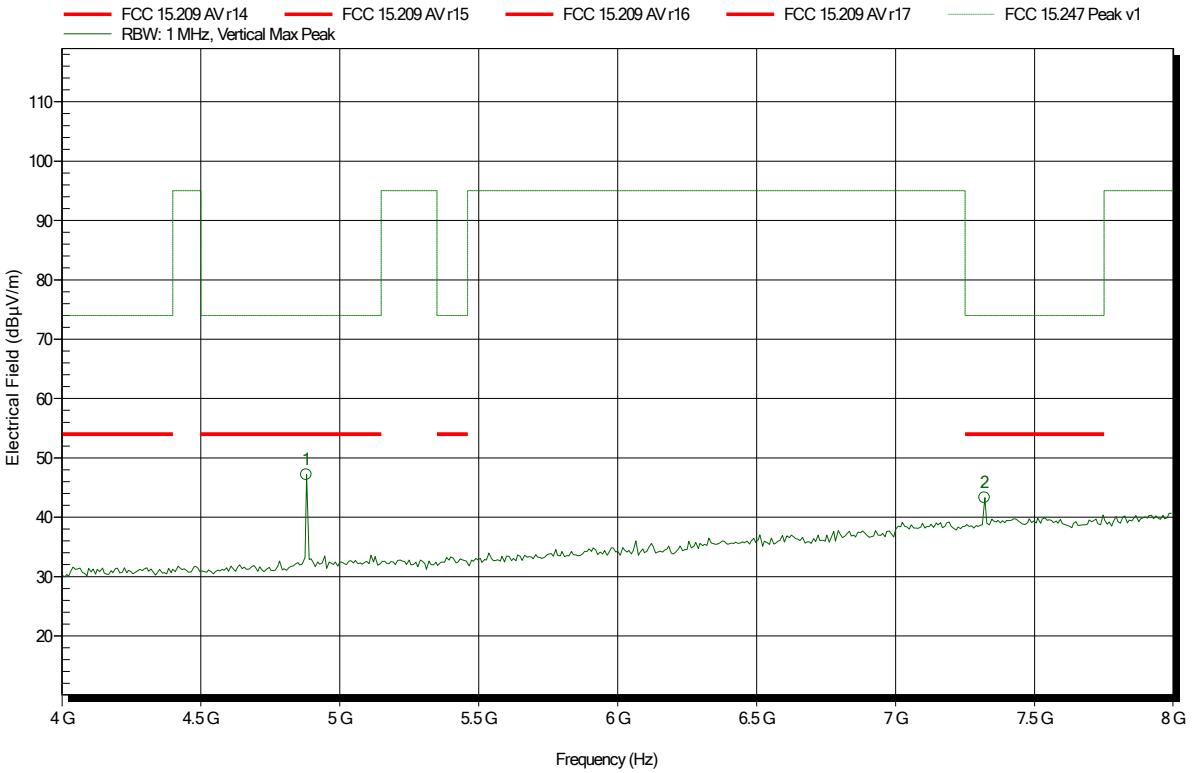
Frequency	Peak	Peak Limit	Peak Difference	Peak Status
4.88 GHz	47.84 dBµV/m	74 dBµV/m	-26.16 dB	Pass
7.32 GHz	42.66 dBµV/m	74 dBµV/m	-31.34 dB	Pass

Spurious emissions according to FCC 15.247

Project number: G0M-1709-6878

Applicant:	peiker CEE GmbH
EUT Name:	CEECOACH
Model:	CC2
Test Site:	Eurofins Product Service GmbH
Operator:	Abdullah Al Jamal
Test Conditions:	Tnom: 24.6°C, Vnom: 5.0 VDC
Antenna:	Schwarzbeck BBHA 9120D, Vertical
Measurement distance:	1 m converted to 3m
Mode:	TX; BT (customer label BT2); 2441 MHz; 2-DH5
Test Date:	2017-10-24
Note:	

Index 140



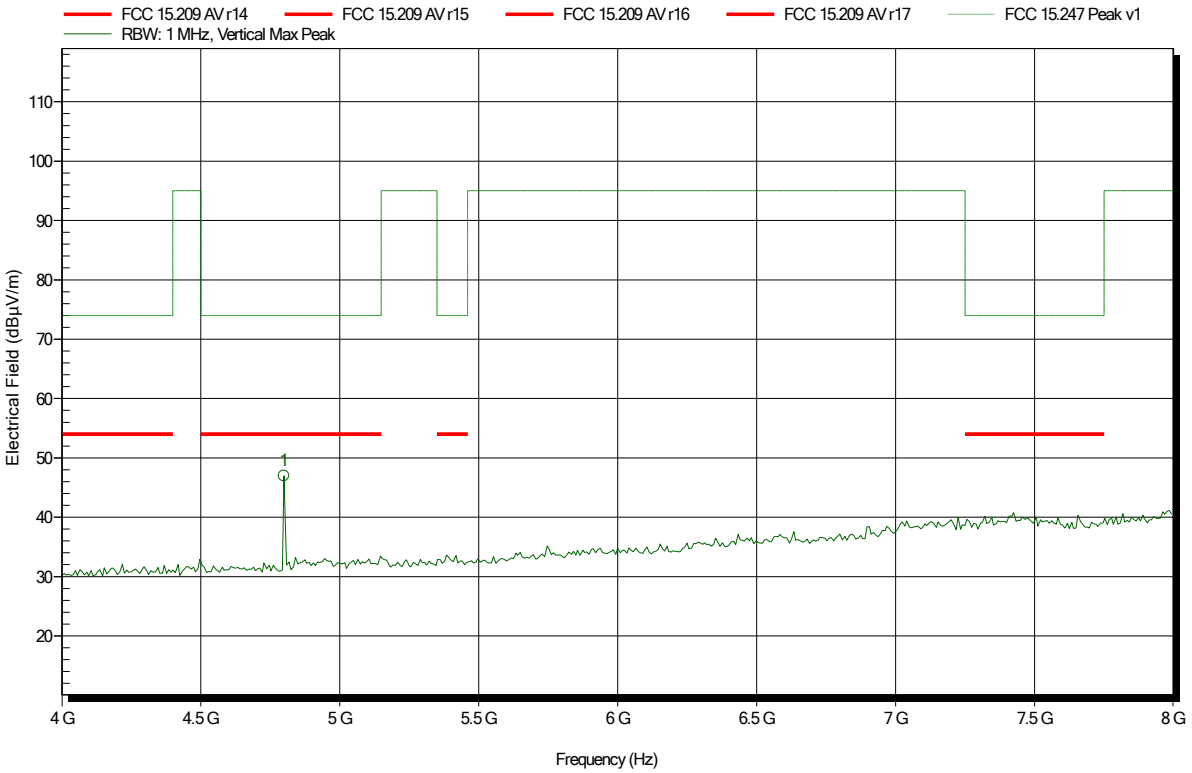
Frequency	Peak	Peak Limit	Peak Difference	Peak Status
4.88 GHz	47.2 dBµV/m	74 dBµV/m	-26.8 dB	Pass
7.32 GHz	43.32 dBµV/m	74 dBµV/m	-30.68 dB	Pass

Spurious emissions according to FCC 15.247

Project number: G0M-1709-6878

Applicant:	peiker CEE GmbH
EUT Name:	CEECOACH
Model:	CC2
Test Site:	Eurofins Product Service GmbH
Operator:	Abdullah Al Jamal
Test Conditions:	Tnom: 24.6°C, Vnom: 5.0 VDC
Antenna:	Schwarzbeck BBHA 9120D, Vertical
Measurement distance:	1 m converted to 3m
Mode:	TX; BT (customer label BT2); 2402 MHz; DH5
Test Date:	2017-10-24
Note:	

Index 136



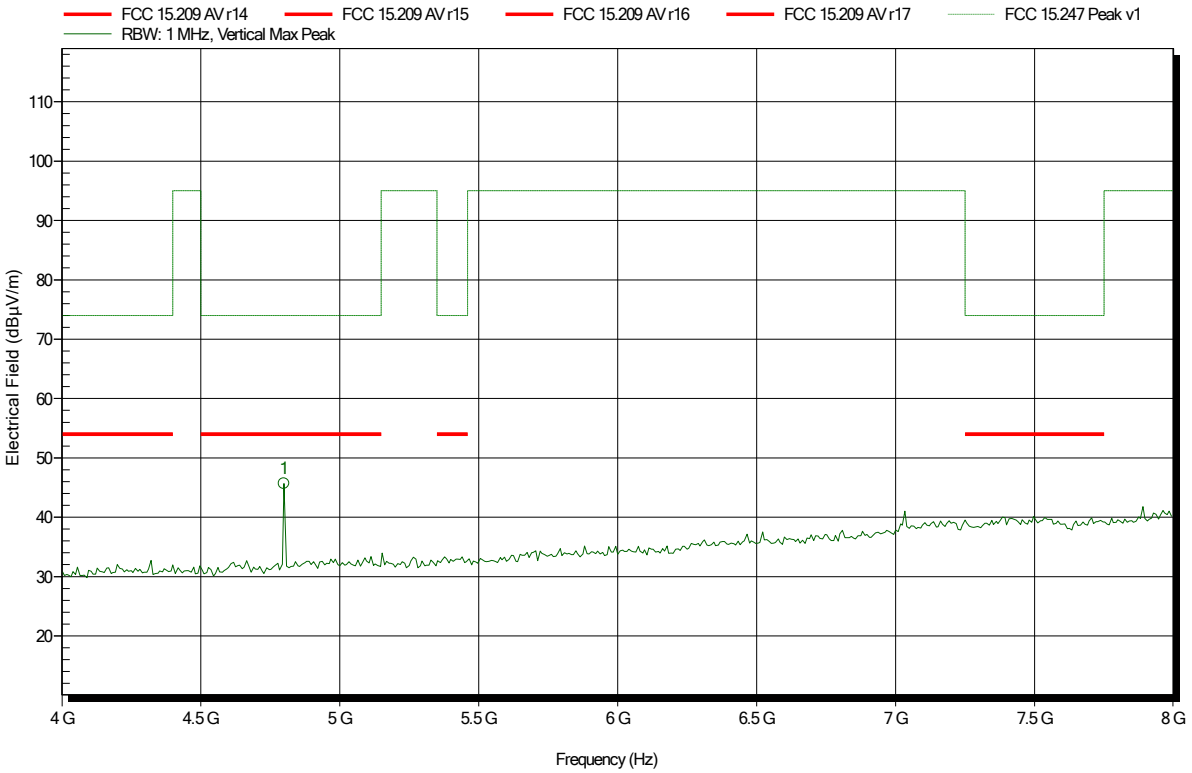
Frequency	Peak	Peak Limit	Peak Difference	Peak Status
4.8 GHz	46.95 dBµV/m	74 dBµV/m	-27.05 dB	Pass

Spurious emissions according to FCC 15.247

Project number: G0M-1709-6878

Applicant:	peiker CEE GmbH
EUT Name:	CEECOACH
Model:	CC2
Test Site:	Eurofins Product Service GmbH
Operator:	Abdullah Al Jamal
Test Conditions:	Tnom: 24.6°C, Vnom: 5.0 VDC
Antenna:	Schwarzbeck BBHA 9120D, Vertical
Measurement distance:	1 m converted to 3m
Mode:	TX; BT (customer label BT2); 2402 MHz; 3-DH5
Test Date:	2017-10-24
Note:	

Index 138



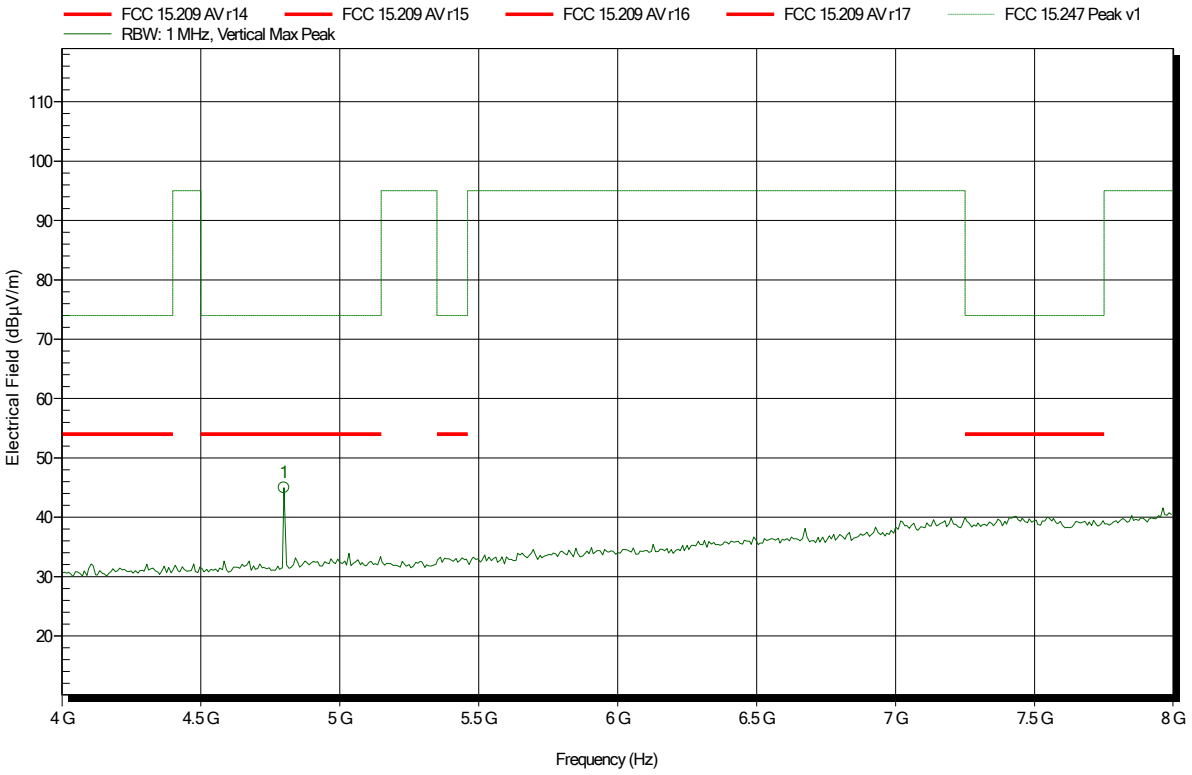
Frequency	Peak	Peak Limit	Peak Difference	Peak Status
4.8 GHz	45.69 dBµV/m	74 dBµV/m	-28.31 dB	Pass

Spurious emissions according to FCC 15.247

Project number: G0M-1709-6878

Applicant:	peiker CEE GmbH
EUT Name:	CEECOACH
Model:	CC2
Test Site:	Eurofins Product Service GmbH
Operator:	Abdullah Al Jamal
Test Conditions:	Tnom: 24.6°C, Vnom: 5.0 VDC
Antenna:	Schwarzbeck BBHA 9120D, Vertical
Measurement distance:	1 m converted to 3m
Mode:	TX; BT (customer label BT2); 2402 MHz; 2-DH5
Test Date:	2017-10-24
Note:	

Index 137



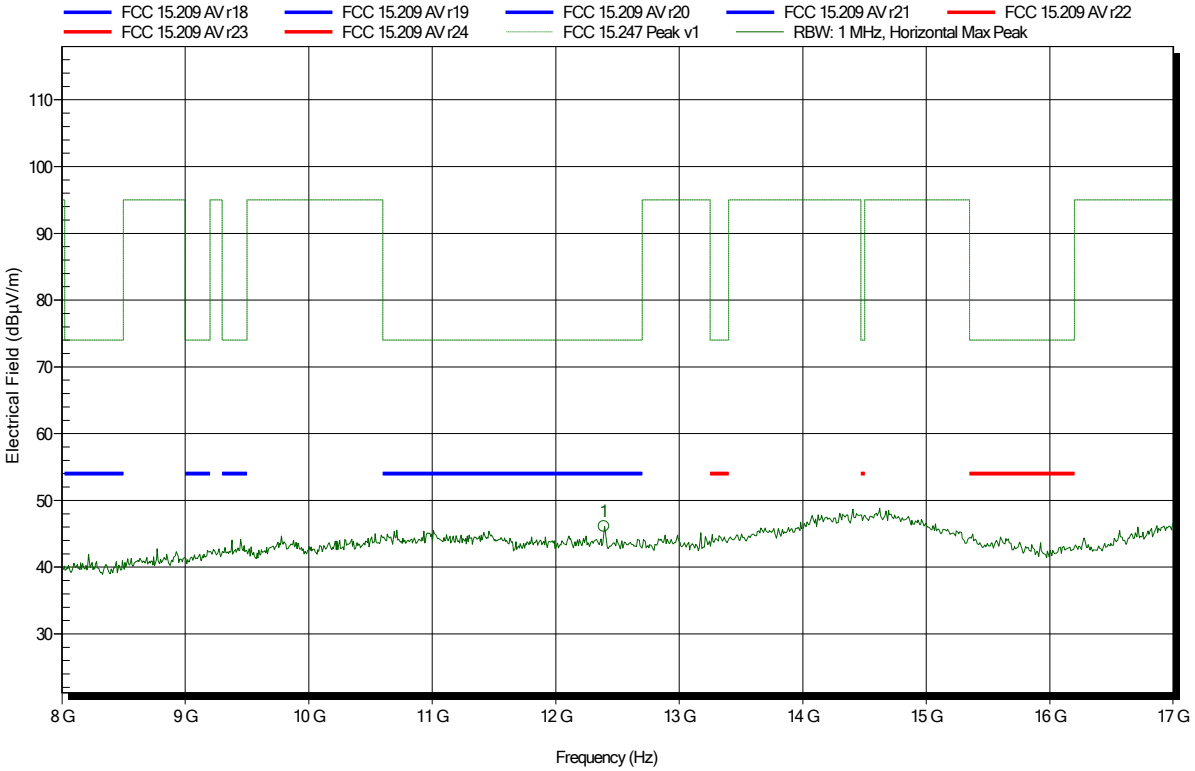
Frequency	Peak	Peak Limit	Peak Difference	Peak Status
4.8 GHz	44.96 dBµV/m	74 dBµV/m	-29.04 dB	Pass

Spurious emissions according to FCC 15.247

Project number: G0M-1709-6878

Applicant:	peiker CEE GmbH
EUT Name:	CEECOACH
Model:	CC2
Test Site:	Eurofins Product Service GmbH
Operator:	Abdullah Al Jamal
Test Conditions:	Tnom: 22.9°C, Vnom: 5.0 VDC
Antenna:	Schwarzbeck BBHA 9120D, Horizontal
Measurement distance:	1 m converted to 3m
Mode:	TX; BT (customer label BT2); 2480 MHz; DH5
Test Date:	2017-10-25
Note:	

Index 151



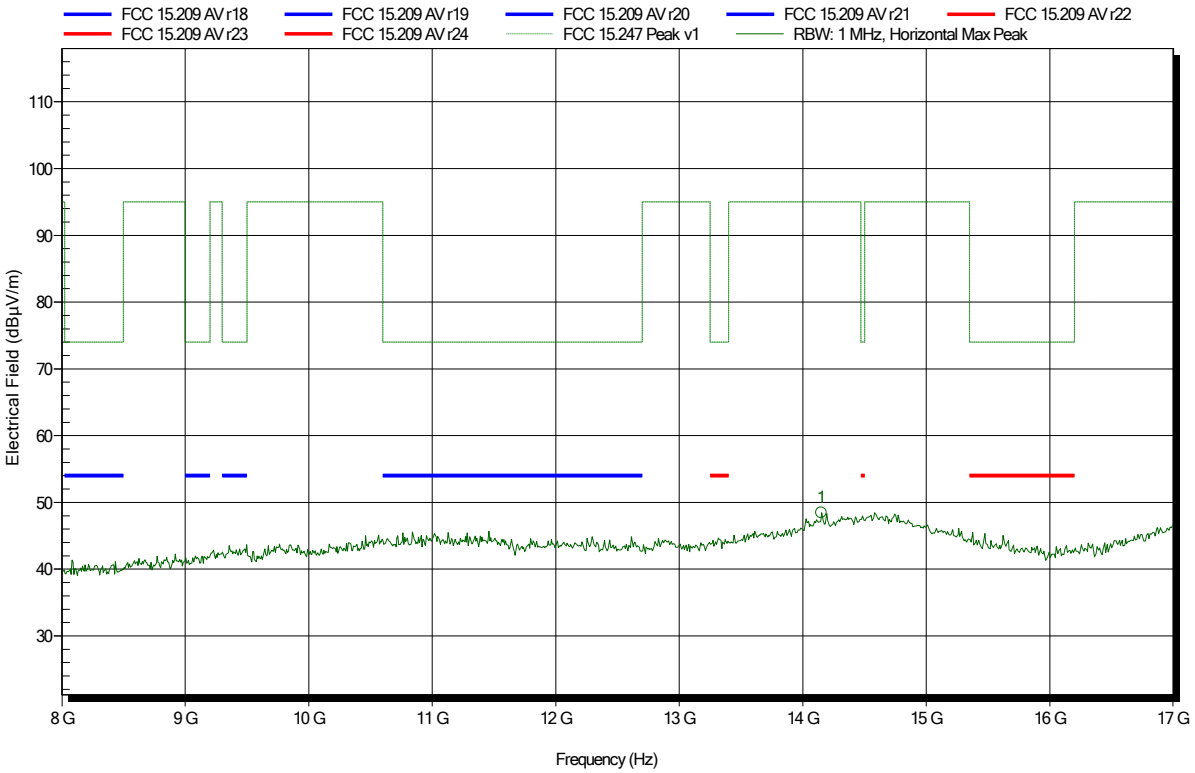
Frequency	Peak	Peak Limit	Peak Difference	Peak Status
12.39 GHz	46.12 dBµV/m	74 dBµV/m	-27.88 dB	Pass

Spurious emissions according to FCC 15.247

Project number: G0M-1709-6878

Applicant:	peiker CEE GmbH
EUT Name:	CEECOACH
Model:	CC2
Test Site:	Eurofins Product Service GmbH
Operator:	Abdullah Al Jamal
Test Conditions:	Tnom: 22.9°C, Vnom: 5.0 VDC
Antenna:	Schwarzbeck BBHA 9120D, Horizontal
Measurement distance:	1 m converted to 3m
Mode:	TX; BT (customer label BT2); 2480 MHz; 3-DH5
Test Date:	2017-10-25
Note:	

Index 153



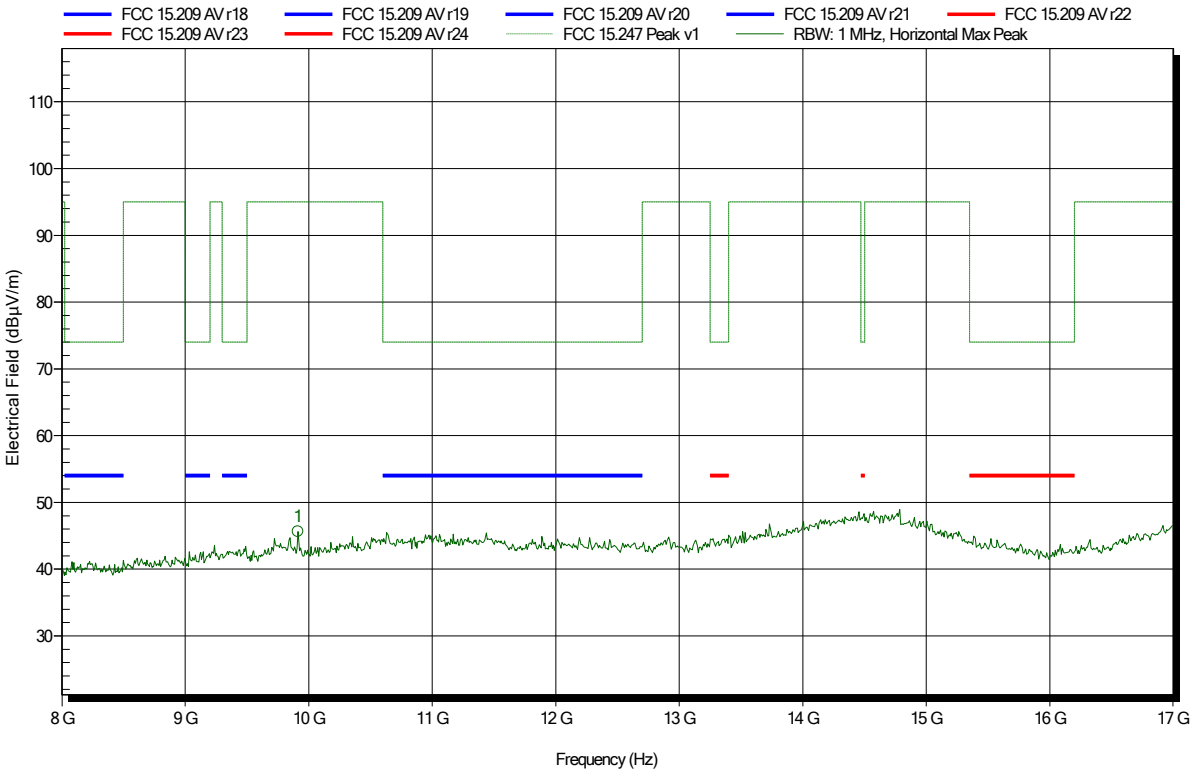
Frequency	Peak	Peak Limit	Peak Difference	Peak Status
14.15 GHz	48.44 dBµV/m	95 dBµV/m	-46.56 dB	Pass

Spurious emissions according to FCC 15.247

Project number: G0M-1709-6878

Applicant:	peiker CEE GmbH
EUT Name:	CEECOACH
Model:	CC2
Test Site:	Eurofins Product Service GmbH
Operator:	Abdullah Al Jamal
Test Conditions:	Tnom: 22.9°C, Vnom: 5.0 VDC
Antenna:	Schwarzbeck BBHA 9120D, Horizontal
Measurement distance:	1 m converted to 3m
Mode:	TX; BT (customer label BT2); 2480 MHz; 2-DH5
Test Date:	2017-10-25
Note:	

Index 152



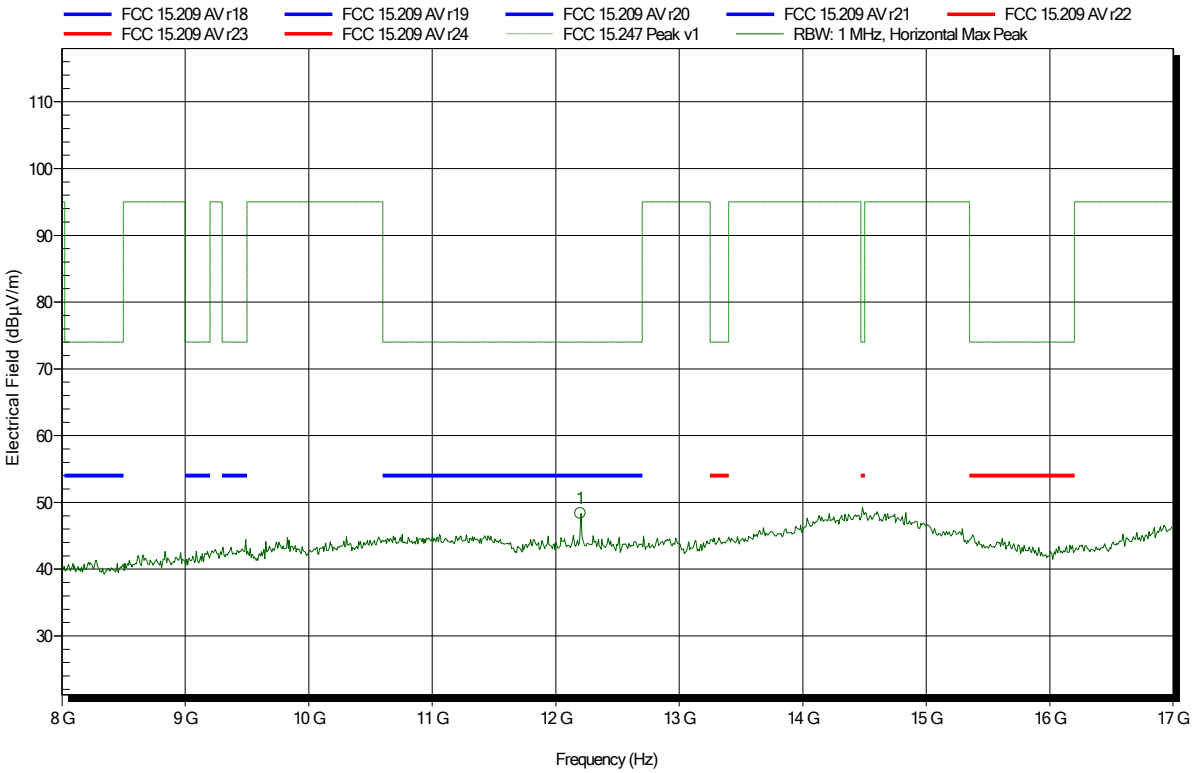
Frequency	Peak	Peak Limit	Peak Difference	Peak Status
9.912 GHz	45.62 dBµV/m	95 dBµV/m	-49.38 dB	Pass

Spurious emissions according to FCC 15.247

Project number: G0M-1709-6878

Applicant:	peiker CEE GmbH
EUT Name:	CEECOACH
Model:	CC2
Test Site:	Eurofins Product Service GmbH
Operator:	Abdullah Al Jamal
Test Conditions:	Tnom: 22.9°C, Vnom: 5.0 VDC
Antenna:	Schwarzbeck BBHA 9120D, Horizontal
Measurement distance:	1 m converted to 3m
Mode:	TX; BT (customer label BT2); 2441 MHz; DH5
Test Date:	2017-10-25
Note:	

Index 148



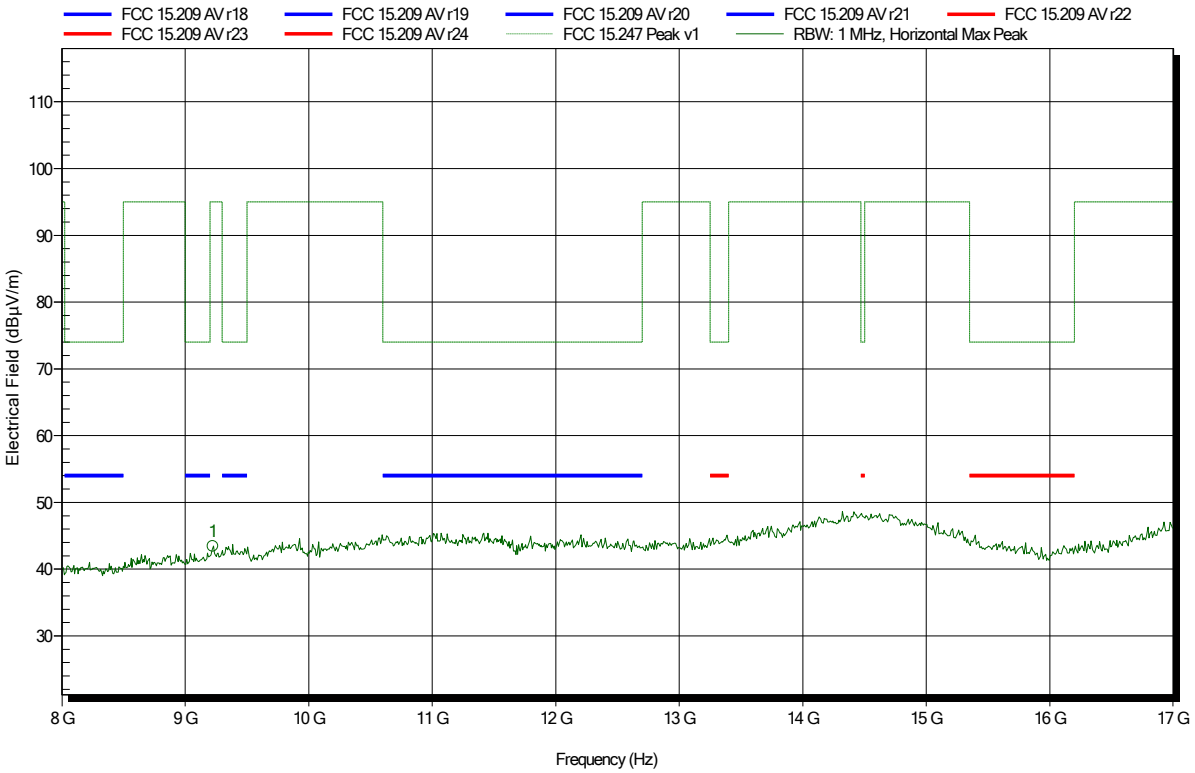
Frequency	Peak	Peak Limit	Peak Difference	Peak Status
12.2 GHz	48.35 dBµV/m	74 dBµV/m	-25.65 dB	Pass

Spurious emissions according to FCC 15.247

Project number: G0M-1709-6878

Applicant:	peiker CEE GmbH
EUT Name:	CEECOACH
Model:	CC2
Test Site:	Eurofins Product Service GmbH
Operator:	Abdullah Al Jamal
Test Conditions:	Tnom: 22.9°C, Vnom: 5.0 VDC
Antenna:	Schwarzbeck BBHA 9120D, Horizontal
Measurement distance:	1 m converted to 3m
Mode:	TX; BT (customer label BT2); 2441 MHz; 3-DH5
Test Date:	2017-10-25
Note:	

Index 150



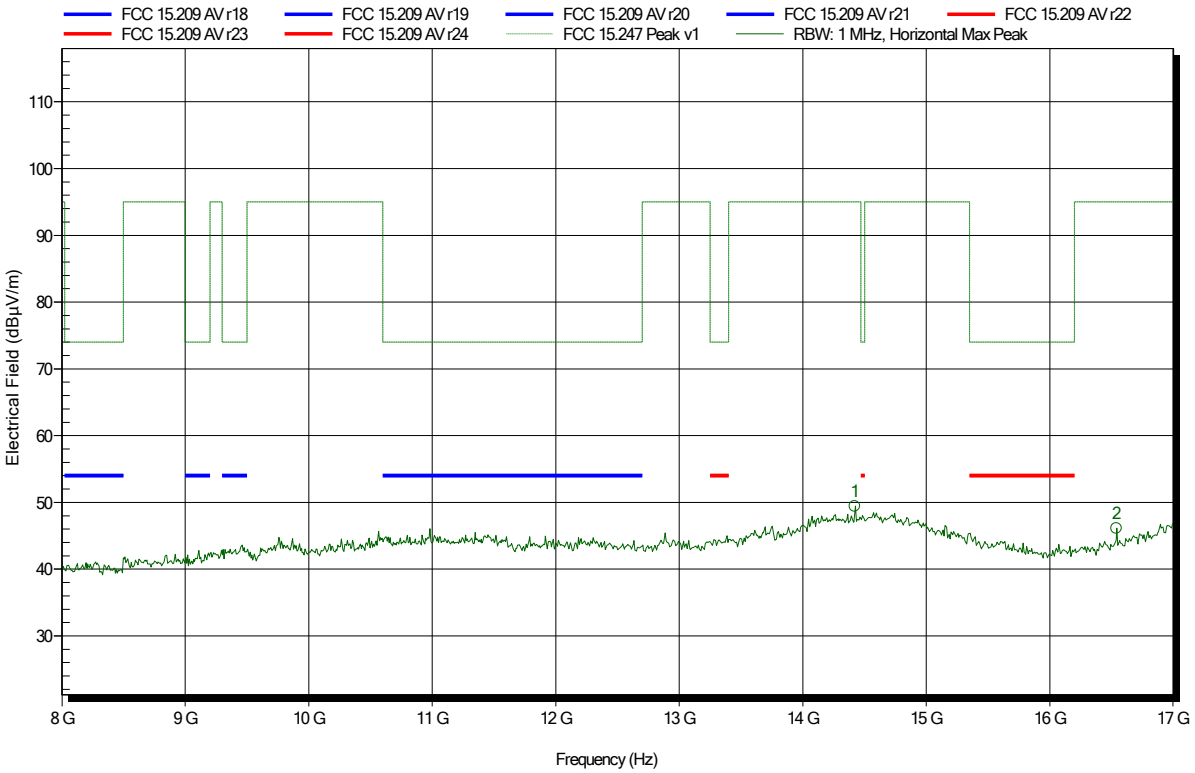
Frequency	Peak	Peak Limit	Peak Difference	Peak Status
9.224 GHz	43.41 dBµV/m	95 dBµV/m	-51.59 dB	Pass

Spurious emissions according to FCC 15.247

Project number: G0M-1709-6878

Applicant:	peiker CEE GmbH
EUT Name:	CEECOACH
Model:	CC2
Test Site:	Eurofins Product Service GmbH
Operator:	Abdullah Al Jamal
Test Conditions:	Tnom: 22.9°C, Vnom: 5.0 VDC
Antenna:	Schwarzbeck BBHA 9120D, Horizontal
Measurement distance:	1 m converted to 3m
Mode:	TX; BT (customer label BT2); 2441 MHz; 2-DH5
Test Date:	2017-10-25
Note:	

Index 149



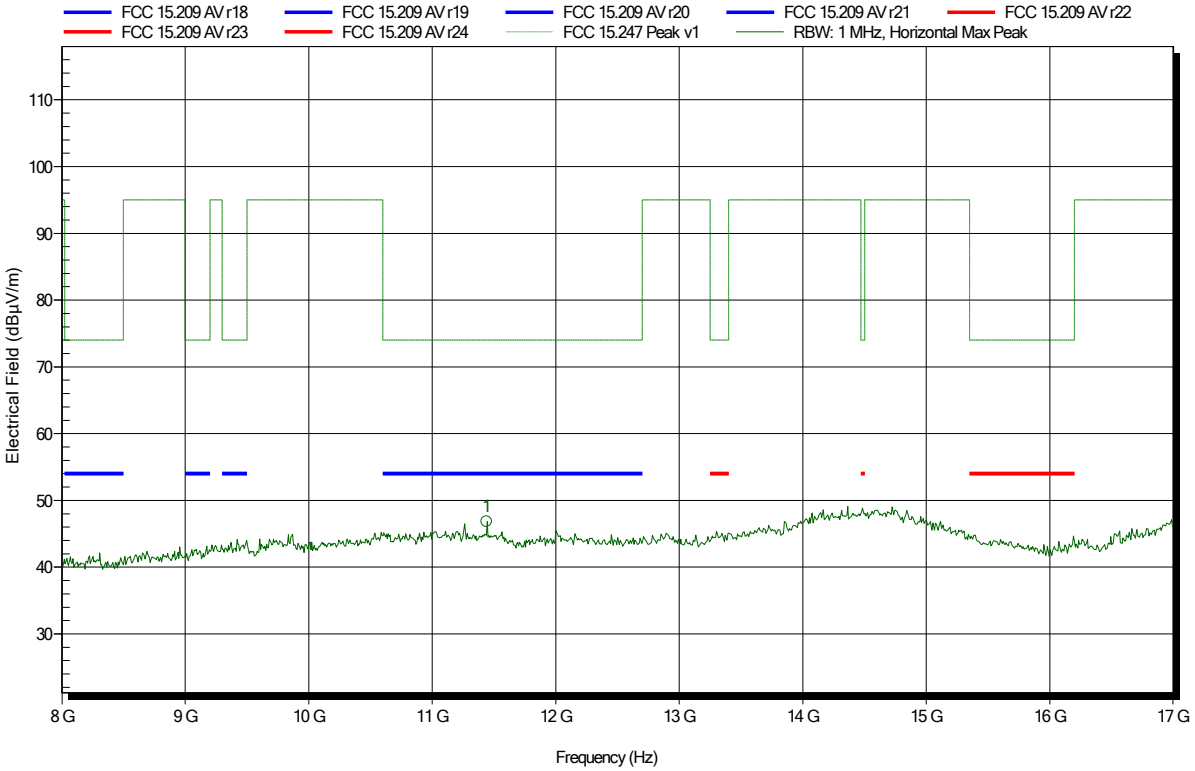
Frequency	Peak	Peak Limit	Peak Difference	Peak Status
14.42 GHz	49.43 dBµV/m	95 dBµV/m	-45.57 dB	Pass
16.54 GHz	46.13 dBµV/m	95 dBµV/m	-48.87 dB	Pass

Spurious emissions according to FCC 15.247

Project number: G0M-1709-6878

Applicant:	peiker CEE GmbH
EUT Name:	CEECOACH
Model:	CC2
Test Site:	Eurofins Product Service GmbH
Operator:	Abdullah Al Jamal
Test Conditions:	Tnom: 22.9°C, Vnom: 5.0 VDC
Antenna:	Schwarzbeck BBHA 9120D, Horizontal
Measurement distance:	1 m converted to 3m
Mode:	TX; BT (customer label BT2); 2402 MHz; DH5
Test Date:	2017-10-25
Note:	

Index 145



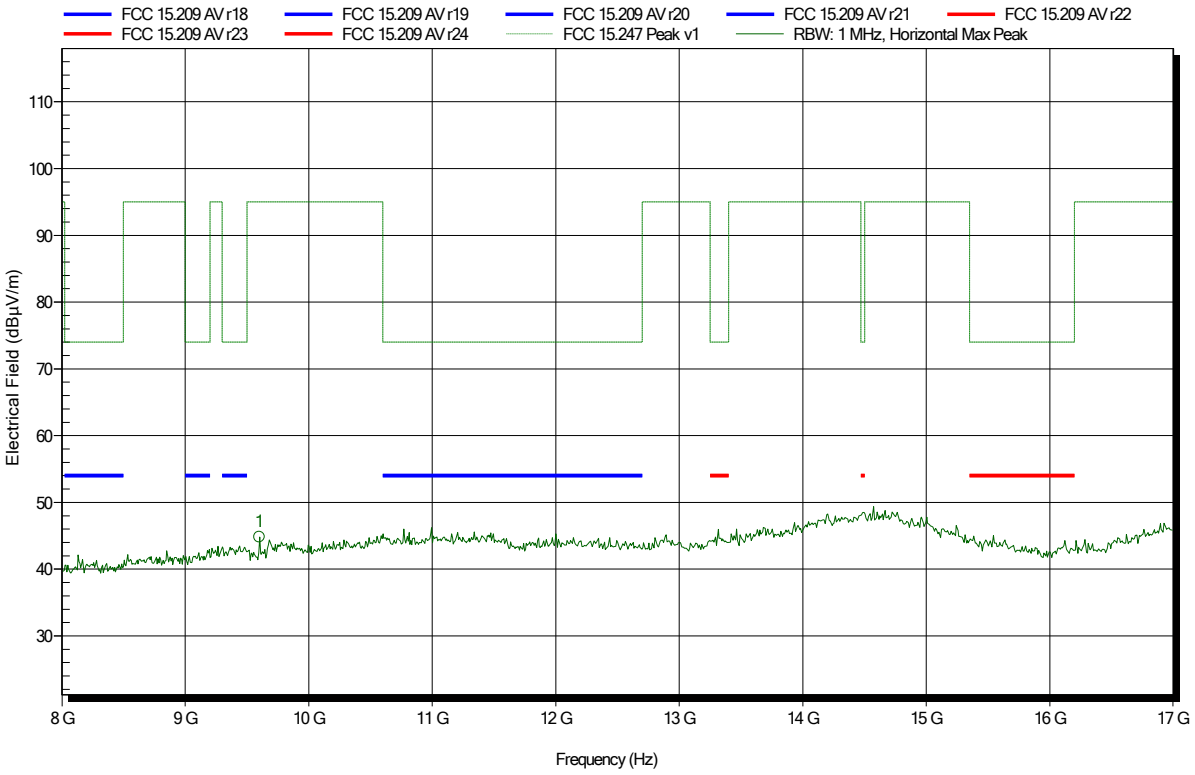
Frequency	Peak	Peak Limit	Peak Difference	Peak Status
11.44 GHz	46.8 dBµV/m	74 dBµV/m	-27.2 dB	Pass

Spurious emissions according to FCC 15.247

Project number: G0M-1709-6878

Applicant:	peiker CEE GmbH
EUT Name:	CEECOACH
Model:	CC2
Test Site:	Eurofins Product Service GmbH
Operator:	Abdullah Al Jamal
Test Conditions:	Tnom: 22.9°C, Vnom: 5.0 VDC
Antenna:	Schwarzbeck BBHA 9120D, Horizontal
Measurement distance:	1 m converted to 3m
Mode:	TX; BT (customer label BT2); 2402 MHz; 3-DH5
Test Date:	2017-10-25
Note:	

Index 147



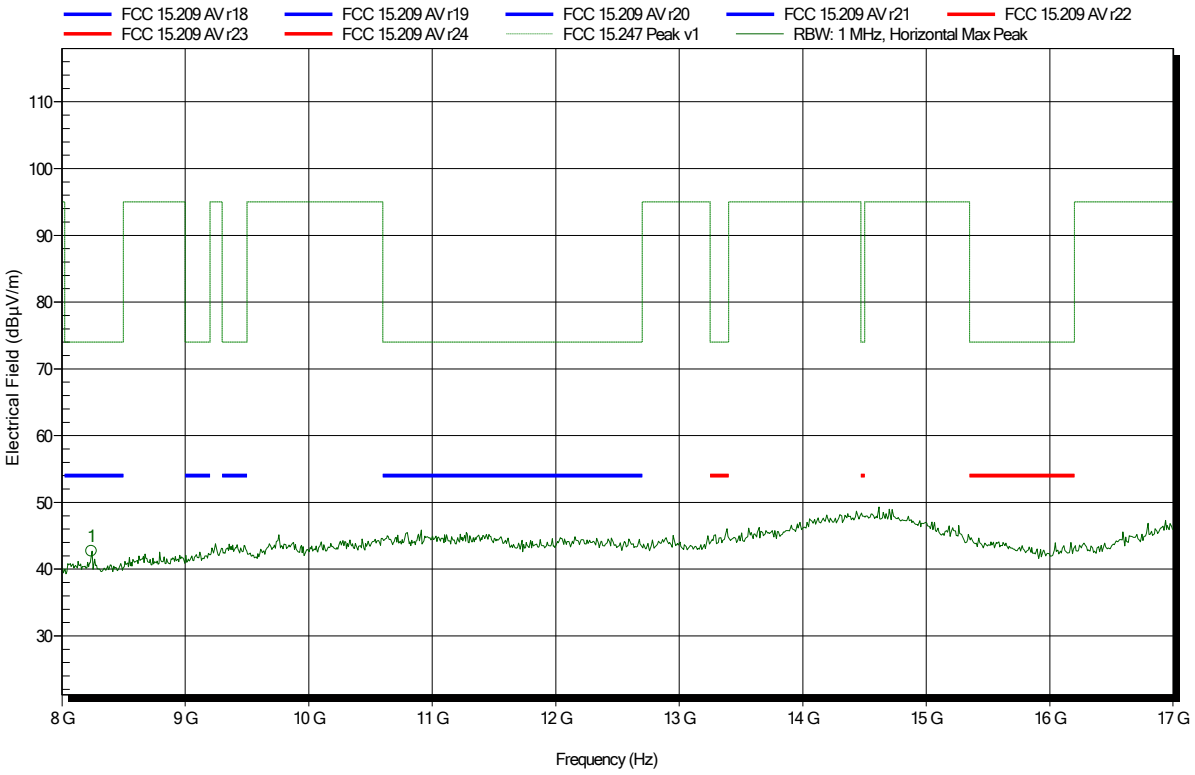
Frequency	Peak	Peak Limit	Peak Difference	Peak Status
9.6 GHz	44.8 dBµV/m	95 dBµV/m	-50.2 dB	Pass

Spurious emissions according to FCC 15.247

Project number: G0M-1709-6878

Applicant:	peiker CEE GmbH
EUT Name:	CEECOACH
Model:	CC2
Test Site:	Eurofins Product Service GmbH
Operator:	Abdullah Al Jamal
Test Conditions:	Tnom: 22.9°C, Vnom: 5.0 VDC
Antenna:	Schwarzbeck BBHA 9120D, Horizontal
Measurement distance:	1 m converted to 3m
Mode:	TX; BT (customer label BT2); 2402 MHz; 2-DH5
Test Date:	2017-10-25
Note:	

Index 146



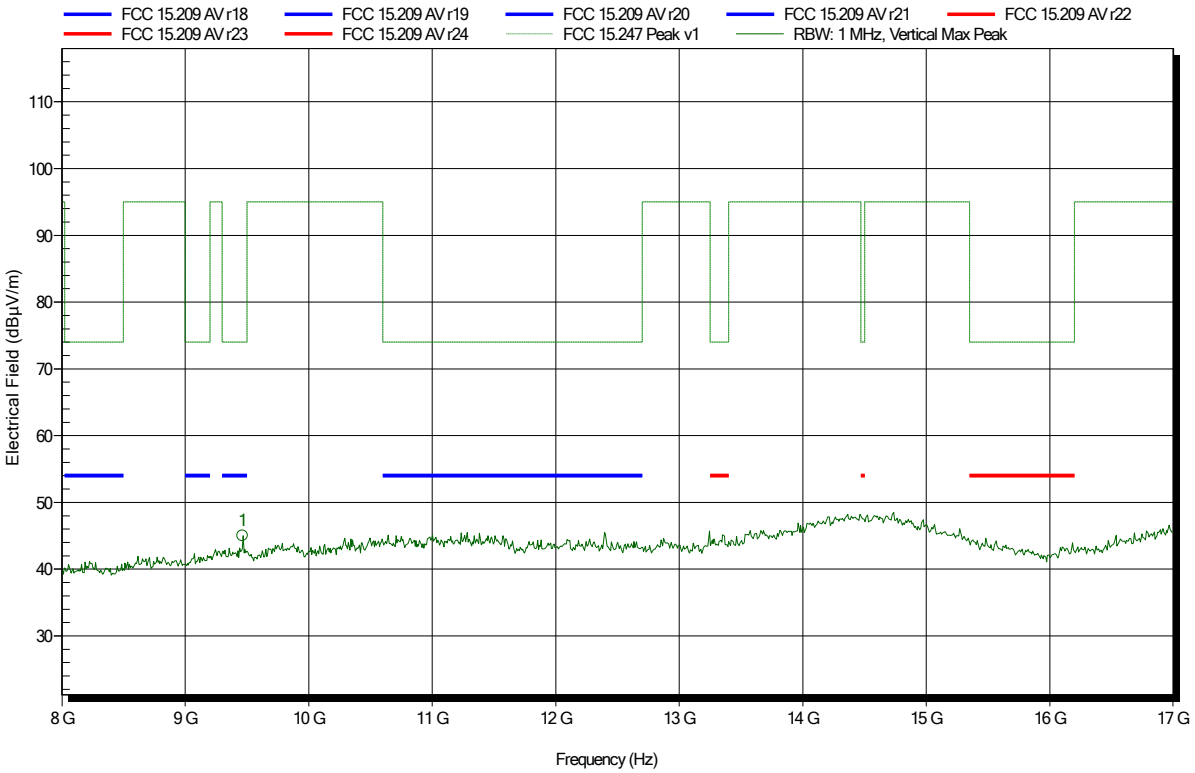
Frequency	Peak	Peak Limit	Peak Difference	Peak Status
8.24 GHz	42.72 dBµV/m	74 dBµV/m	-31.28 dB	Pass

Spurious emissions according to FCC 15.247

Project number: G0M-1709-6878

Applicant:	peiker CEE GmbH
EUT Name:	CEECOACH
Model:	CC2
Test Site:	Eurofins Product Service GmbH
Operator:	Abdullah Al Jamal
Test Conditions:	Tnom: 22.9°C, Vnom: 5.0 VDC
Antenna:	Schwarzbeck BBHA 9120D, Vertical
Measurement distance:	1 m converted to 3m
Mode:	TX; BT (customer label BT2); 2480 MHz; DH5
Test Date:	2017-10-25
Note:	

Index 154



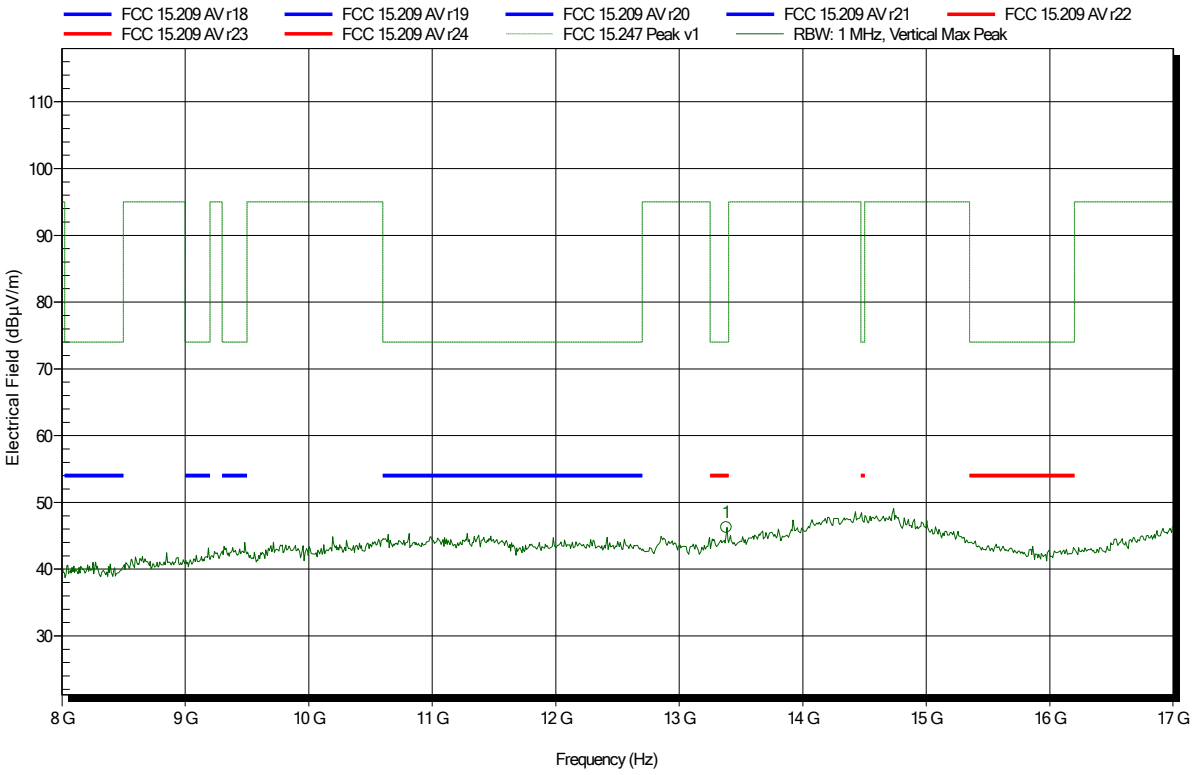
Frequency	Peak	Peak Limit	Peak Difference	Peak Status
9.464 GHz	45.01 dBµV/m	74 dBµV/m	-28.99 dB	Pass

Spurious emissions according to FCC 15.247

Project number: G0M-1709-6878

Applicant:	peiker CEE GmbH
EUT Name:	CEECOACH
Model:	CC2
Test Site:	Eurofins Product Service GmbH
Operator:	Abdullah Al Jamal
Test Conditions:	Tnom: 22.9°C, Vnom: 5.0 VDC
Antenna:	Schwarzbeck BBHA 9120D, Vertical
Measurement distance:	1 m converted to 3m
Mode:	TX; BT (customer label BT2); 2480 MHz; 3-DH5
Test Date:	2017-10-25
Note:	

Index 156



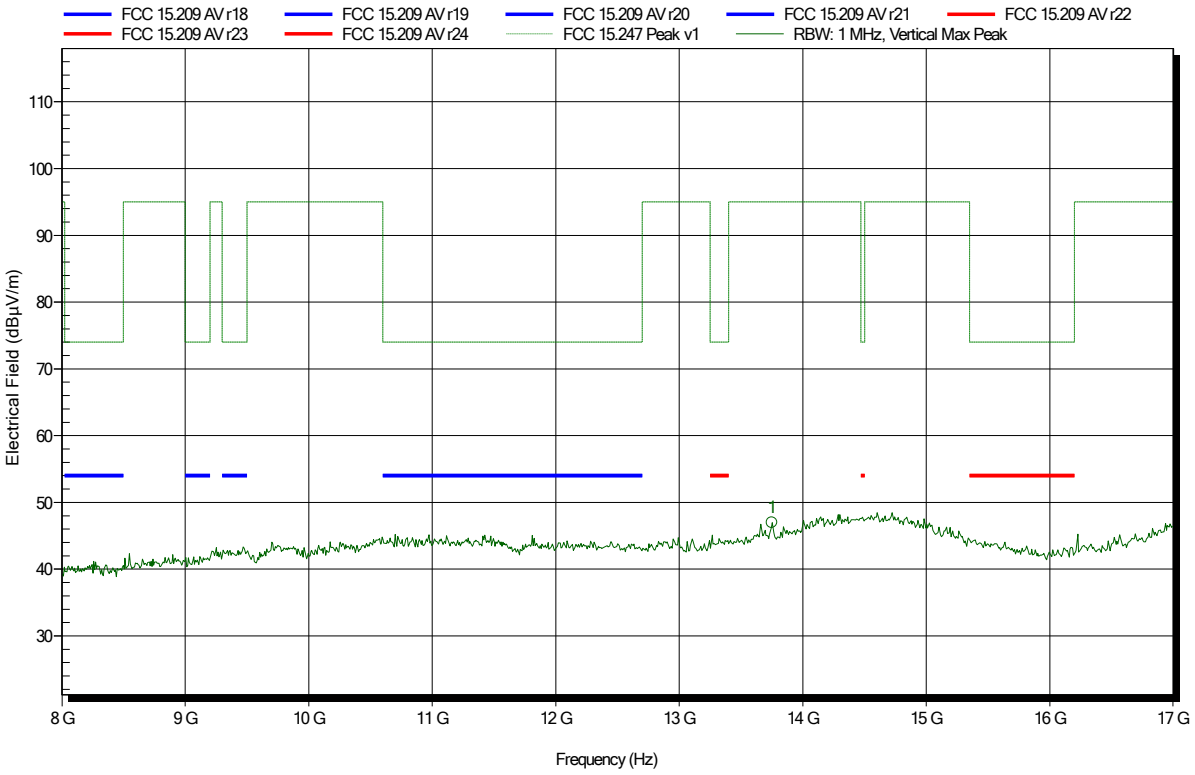
Frequency	Peak	Peak Limit	Peak Difference	Peak Status
13.38 GHz	46.23 dBµV/m	74 dBµV/m	-27.77 dB	Pass

Spurious emissions according to FCC 15.247

Project number: G0M-1709-6878

Applicant:	peiker CEE GmbH
EUT Name:	CEECOACH
Model:	CC2
Test Site:	Eurofins Product Service GmbH
Operator:	Abdullah Al Jamal
Test Conditions:	Tnom: 22.9°C, Vnom: 5.0 VDC
Antenna:	Schwarzbeck BBHA 9120D, Vertical
Measurement distance:	1 m converted to 3m
Mode:	TX; BT (customer label BT2); 2480 MHz; 2-DH5
Test Date:	2017-10-25
Note:	

Index 155



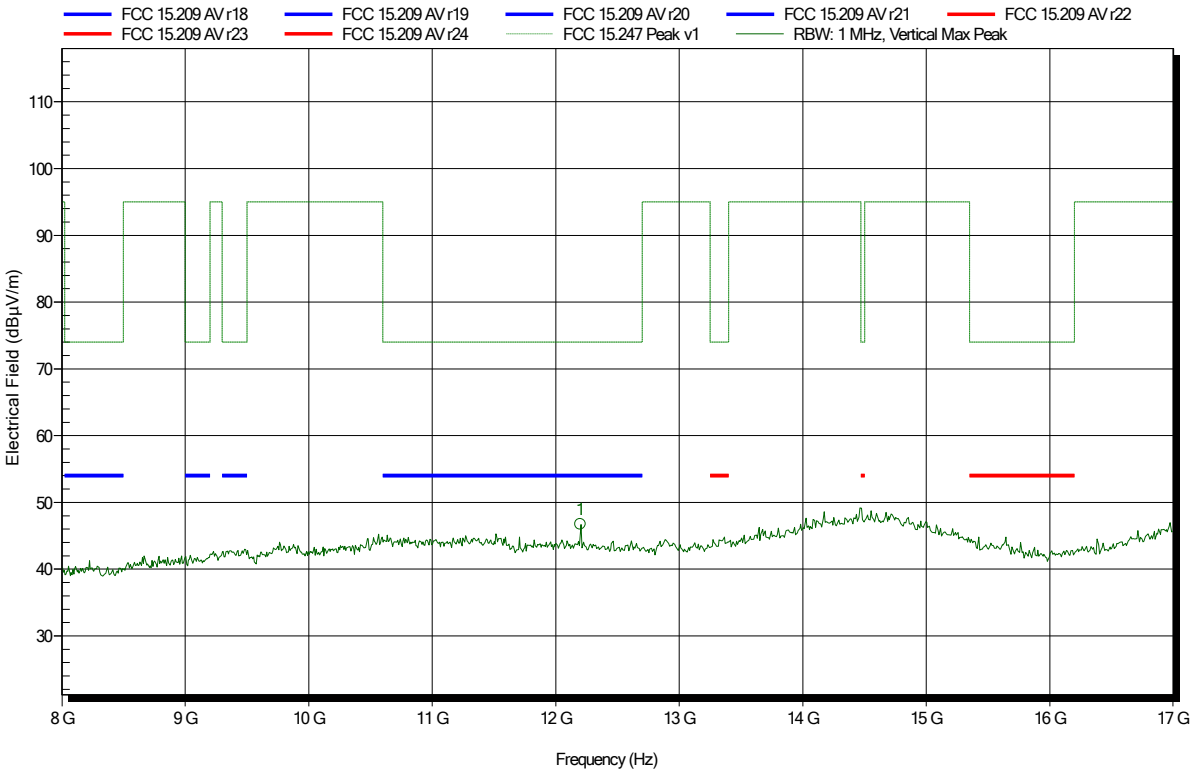
Frequency	Peak	Peak Limit	Peak Difference	Peak Status
13.75 GHz	46.98 dBµV/m	95 dBµV/m	-48.02 dB	Pass

Spurious emissions according to FCC 15.247

Project number: G0M-1709-6878

Applicant:	peiker CEE GmbH
EUT Name:	CEECOACH
Model:	CC2
Test Site:	Eurofins Product Service GmbH
Operator:	Abdullah Al Jamal
Test Conditions:	Tnom: 22.9°C, Vnom: 5.0 VDC
Antenna:	Schwarzbeck BBHA 9120D, Vertical
Measurement distance:	1 m converted to 3m
Mode:	TX; BT (customer label BT2); 2441 MHz; DH5
Test Date:	2017-10-25
Note:	

Index 157



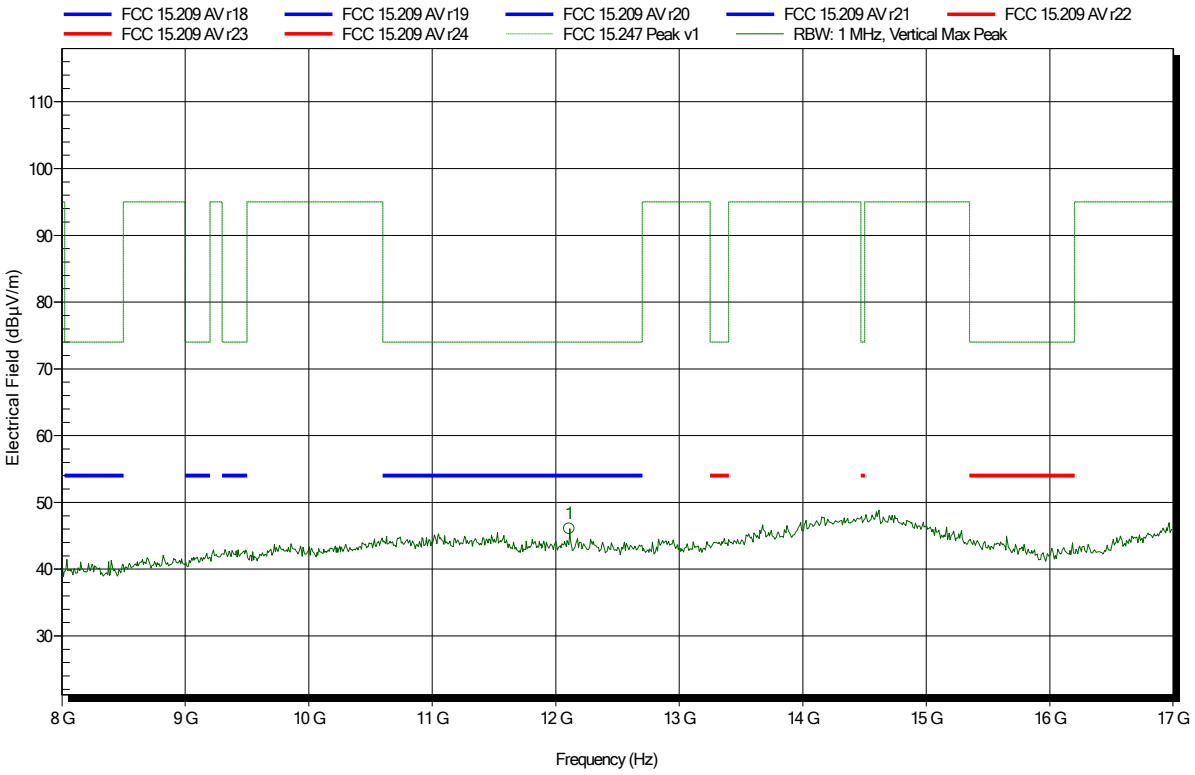
Frequency	Peak	Peak Limit	Peak Difference	Peak Status
12.2 GHz	46.71 dBµV/m	74 dBµV/m	-27.29 dB	Pass

Spurious emissions according to FCC 15.247

Project number: G0M-1709-6878

Applicant:	peiker CEE GmbH
EUT Name:	CEECOACH
Model:	CC2
Test Site:	Eurofins Product Service GmbH
Operator:	Abdullah Al Jamal
Test Conditions:	Tnom: 22.9°C, Vnom: 5.0 VDC
Antenna:	Schwarzbeck BBHA 9120D, Vertical
Measurement distance:	1 m converted to 3m
Mode:	TX; BT (customer label BT2); 2441 MHz; 3-DH5
Test Date:	2017-10-25
Note:	

Index 159



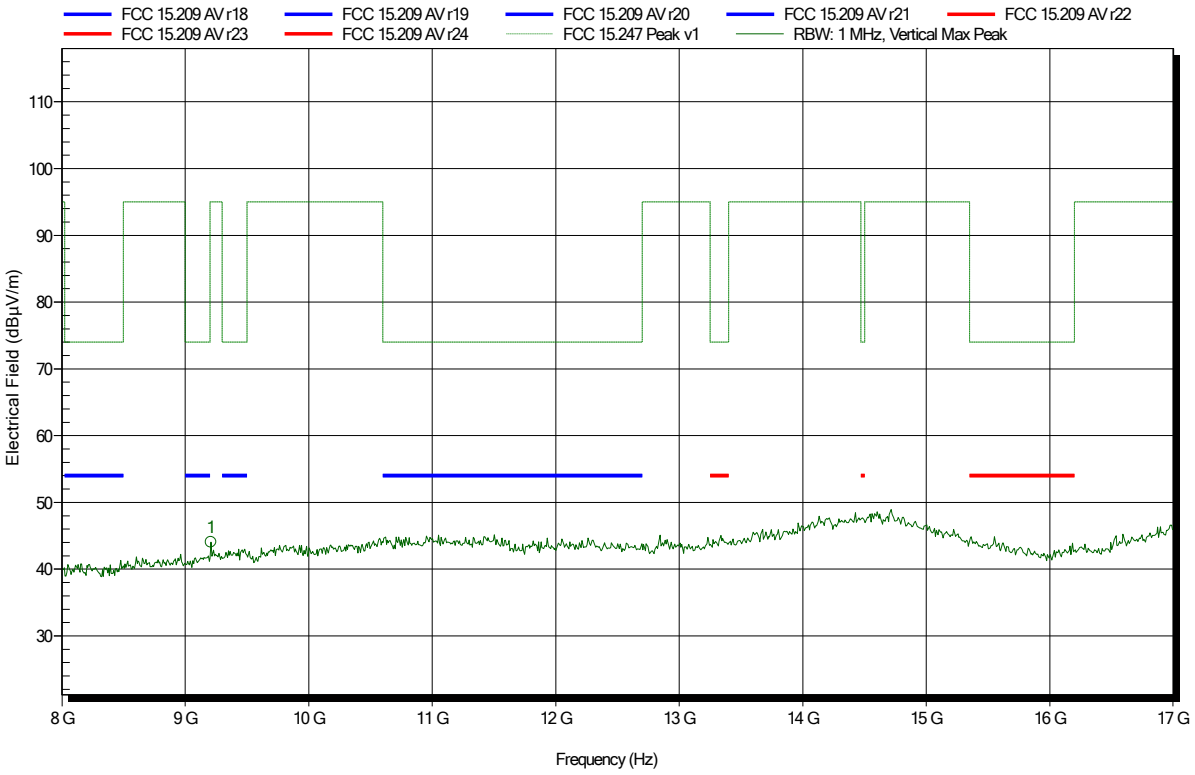
Frequency	Peak	Peak Limit	Peak Difference	Peak Status
12.11 GHz	46.05 dBµV/m	74 dBµV/m	-27.95 dB	Pass

Spurious emissions according to FCC 15.247

Project number: G0M-1709-6878

Applicant:	peiker CEE GmbH
EUT Name:	CEECOACH
Model:	CC2
Test Site:	Eurofins Product Service GmbH
Operator:	Abdullah Al Jamal
Test Conditions:	Tnom: 22.9°C, Vnom: 5.0 VDC
Antenna:	Schwarzbeck BBHA 9120D, Vertical
Measurement distance:	1 m converted to 3m
Mode:	TX; BT (customer label BT2); 2441 MHz; 2-DH5
Test Date:	2017-10-25
Note:	

Index 158



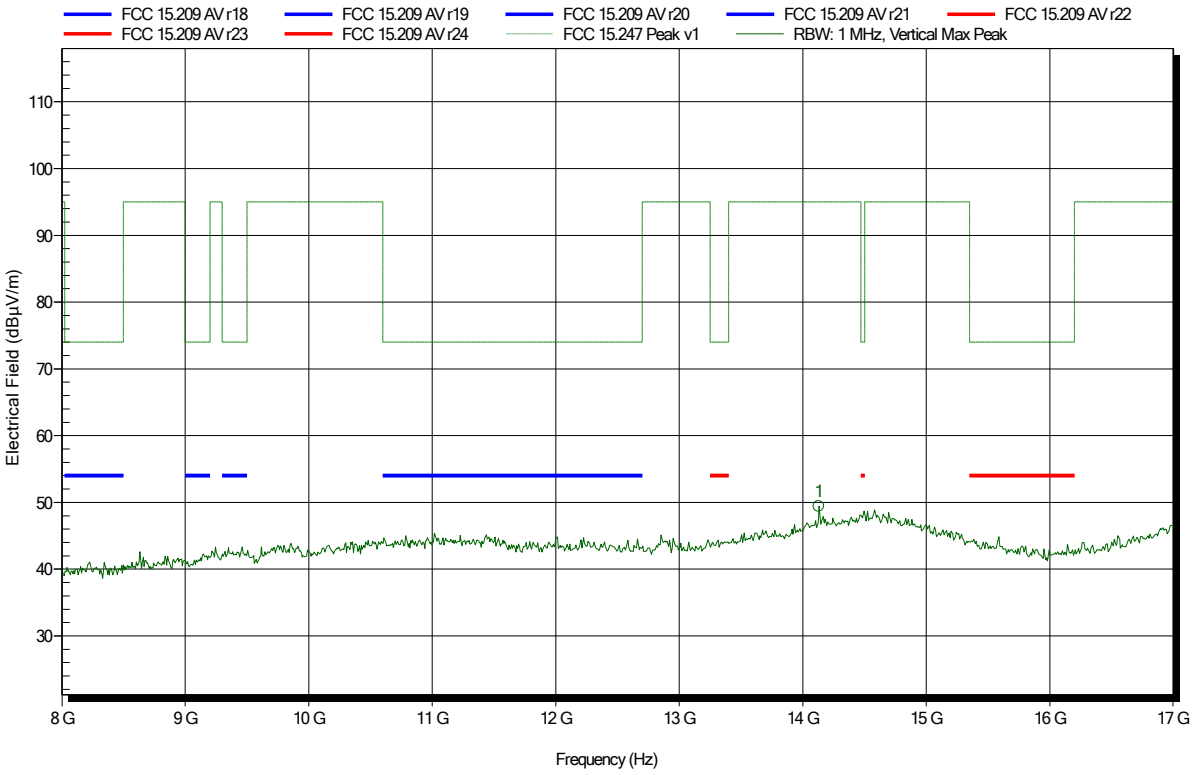
Frequency	Peak	Peak Limit	Peak Difference	Peak Status
9.208 GHz	44.02 dBµV/m	95 dBµV/m	-50.98 dB	Pass

Spurious emissions according to FCC 15.247

Project number: G0M-1709-6878

Applicant:	peiker CEE GmbH
EUT Name:	CEECOACH
Model:	CC2
Test Site:	Eurofins Product Service GmbH
Operator:	Abdullah Al Jamal
Test Conditions:	Tnom: 22.9°C, Vnom: 5.0 VDC
Antenna:	Schwarzbeck BBHA 9120D, Vertical
Measurement distance:	1 m converted to 3m
Mode:	TX; BT (customer label BT2); 2402 MHz; DH5
Test Date:	2017-10-25
Note:	

Index 160



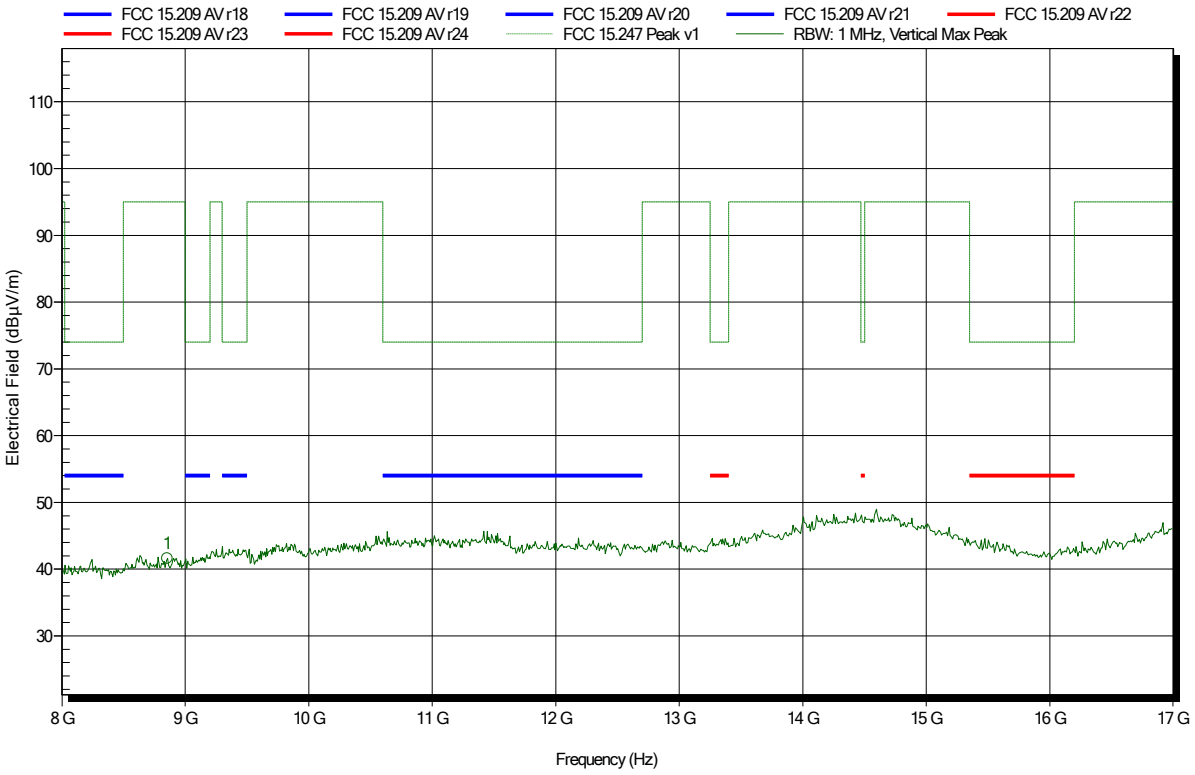
Frequency	Peak	Peak Limit	Peak Difference	Peak Status
14.13 GHz	49.4 dBµV/m	95 dBµV/m	-45.6 dB	Pass

Spurious emissions according to FCC 15.247

Project number: G0M-1709-6878

Applicant:	peiker CEE GmbH
EUT Name:	CEECOACH
Model:	CC2
Test Site:	Eurofins Product Service GmbH
Operator:	Abdullah Al Jamal
Test Conditions:	Tnom: 22.9°C, Vnom: 5.0 VDC
Antenna:	Schwarzbeck BBHA 9120D, Vertical
Measurement distance:	1 m converted to 3m
Mode:	TX; BT (customer label BT2); 2402 MHz; 3-DH5
Test Date:	2017-10-25
Note:	

Index 162



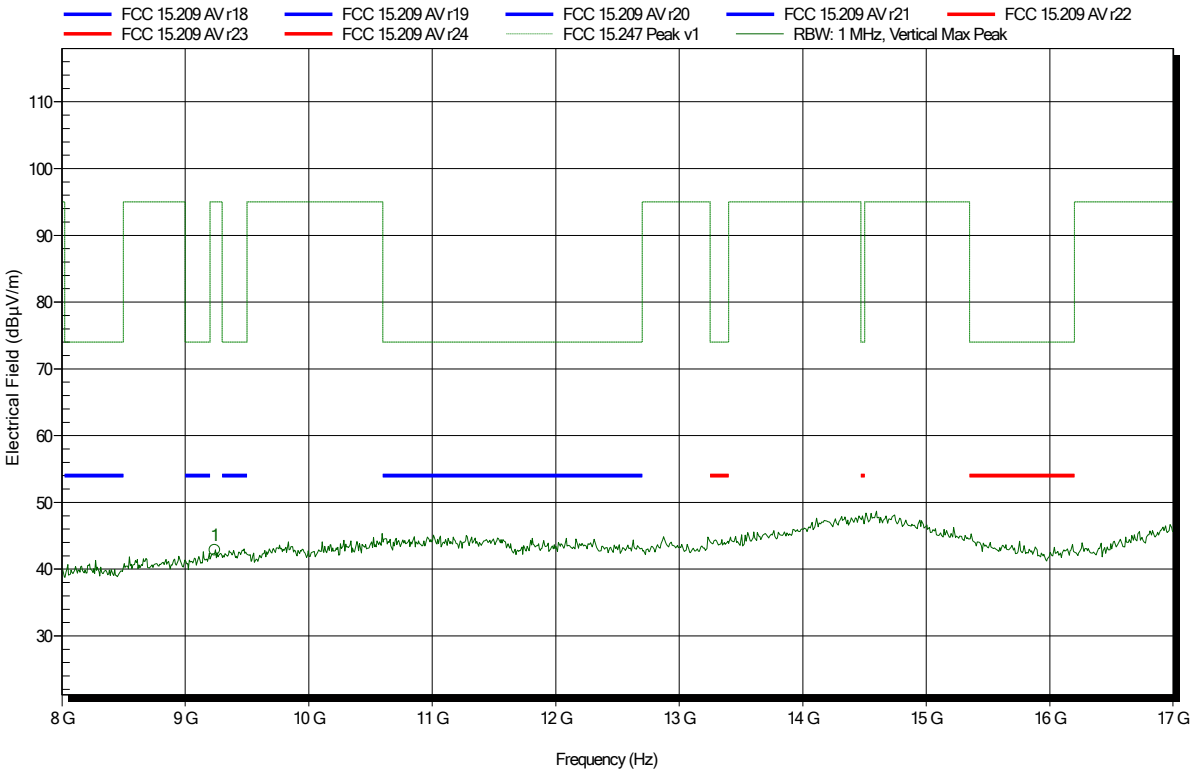
Frequency	Peak	Peak Limit	Peak Difference	Peak Status
8.856 GHz	41.58 dBµV/m	95 dBµV/m	-53.42 dB	Pass

Spurious emissions according to FCC 15.247

Project number: G0M-1709-6878

Applicant:	peiker CEE GmbH
EUT Name:	CEECOACH
Model:	CC2
Test Site:	Eurofins Product Service GmbH
Operator:	Abdullah Al Jamal
Test Conditions:	Tnom: 22.9°C, Vnom: 5.0 VDC
Antenna:	Schwarzbeck BBHA 9120D, Vertical
Measurement distance:	1 m converted to 3m
Mode:	TX; BT (customer label BT2); 2402 MHz; 2-DH5
Test Date:	2017-10-25
Note:	

Index 161



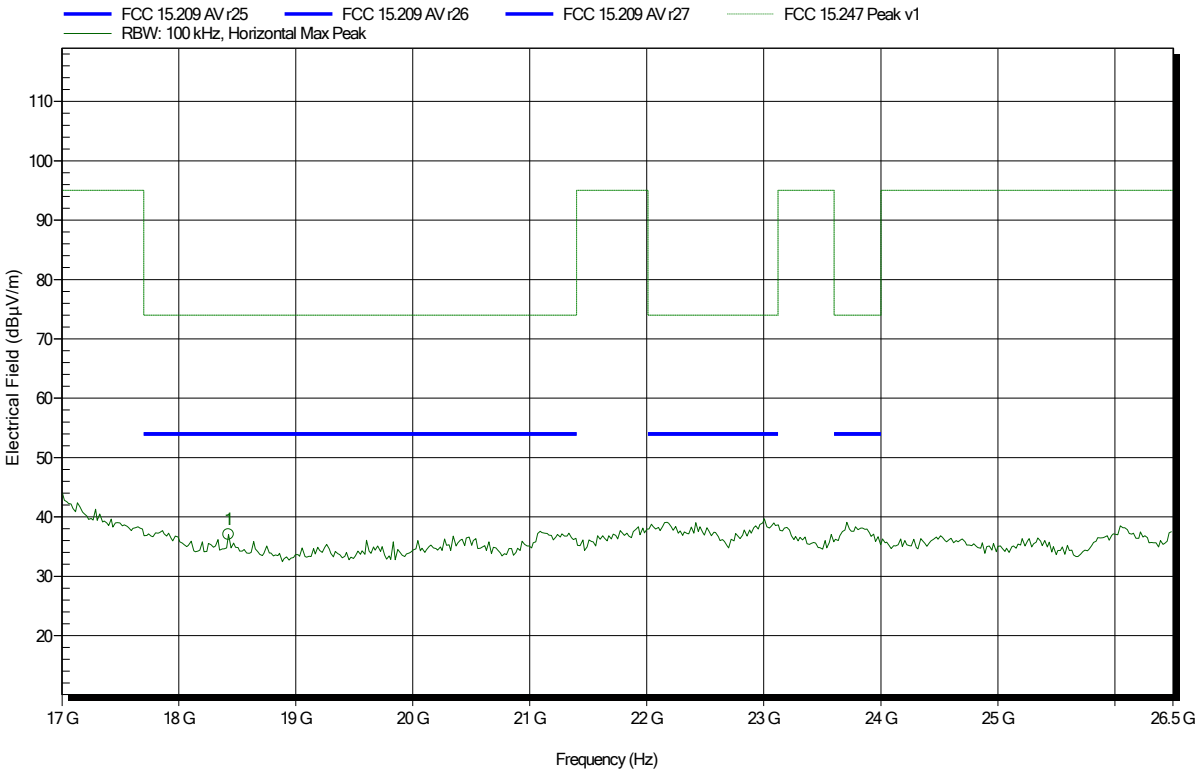
Frequency	Peak	Peak Limit	Peak Difference	Peak Status
9.24 GHz	42.85 dBµV/m	95 dBµV/m	-52.15 dB	Pass

Spurious emissions according to FCC 15.247

Project number: G0M-1709-6878

Applicant:	peiker CEE GmbH
EUT Name:	CEECOACH
Model:	CC2
Test Site:	Eurofins Product Service GmbH
Operator:	Abdullah Al Jamal
Test Conditions:	Tnom: 23.8°C, Vnom: 5.0 VDC
Antenna:	Amplifier Research AT 4560 (old name) / ATH18G40 (new name), Horizontal
Measurement distance:	1 m converted to 3m
Mode:	TX; BT (customer label BT2); 2480 MHz; DH5
Test Date:	2017-10-25
Note:	

Index 170



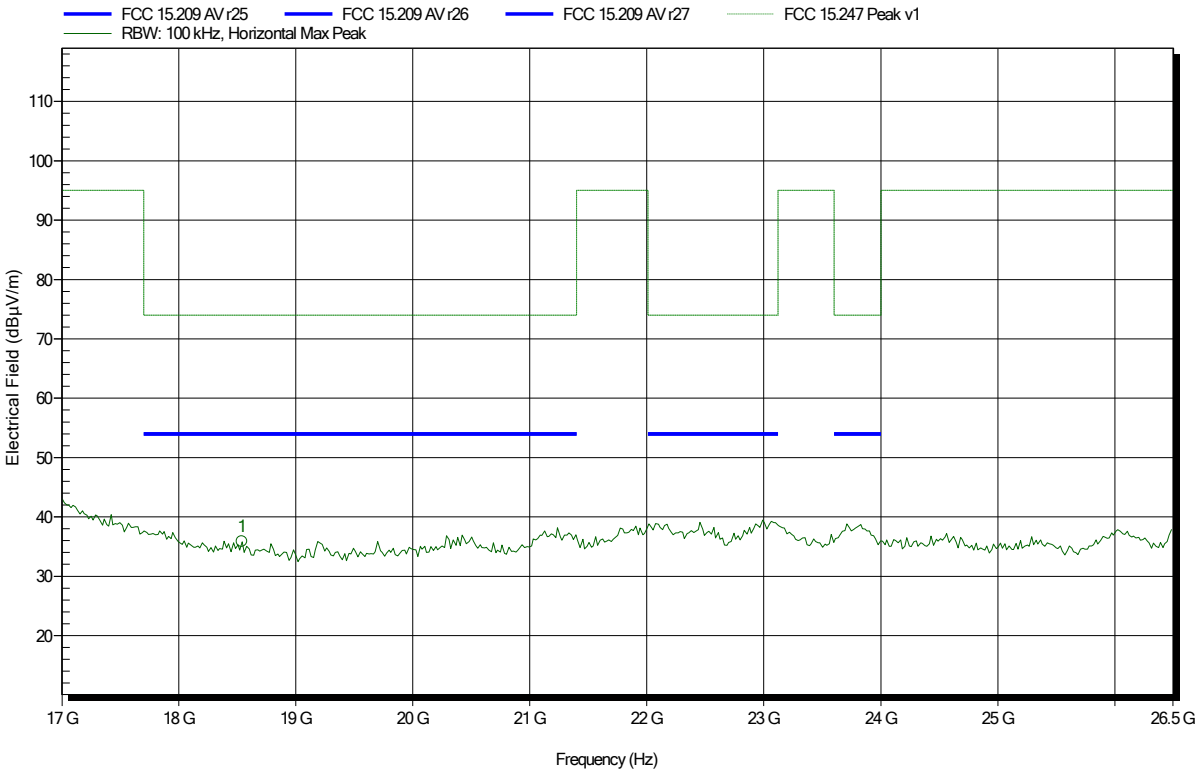
Frequency	Peak	Peak Limit	Peak Difference	Peak Status
18.425 GHz	37.05 dBµV/m	74 dBµV/m	-36.95 dB	Pass

Spurious emissions according to FCC 15.247

Project number: G0M-1709-6878

Applicant:	peiker CEE GmbH
EUT Name:	CEECOACH
Model:	CC2
Test Site:	Eurofins Product Service GmbH
Operator:	Abdullah Al Jamal
Test Conditions:	Tnom: 23.8°C, Vnom: 5.0 VDC
Antenna:	Amplifier Research AT 4560 (old name) / ATH18G40 (new name), Horizontal
Measurement distance:	1 m converted to 3m
Mode:	TX; BT (customer label BT2); 2480 MHz; 3-DH5
Test Date:	2017-10-25
Note:	

Index 172



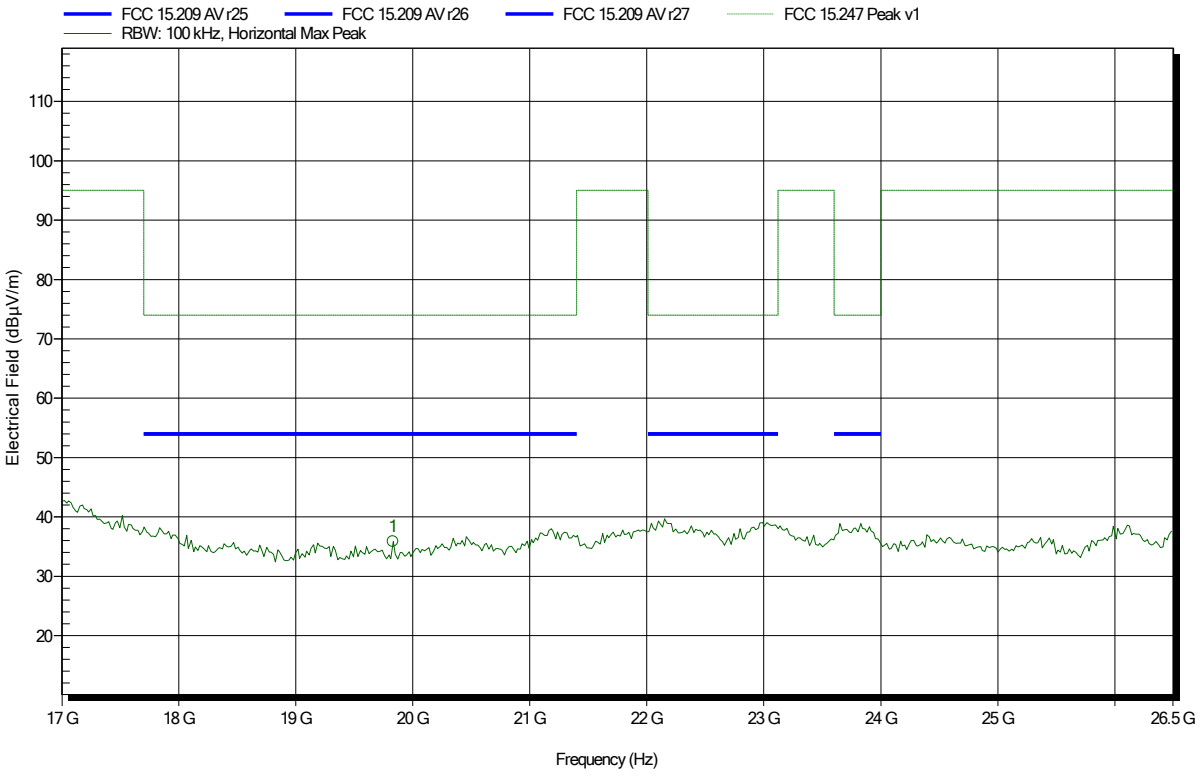
Frequency	Peak	Peak Limit	Peak Difference	Peak Status
18.539 GHz	35.84 dBµV/m	74 dBµV/m	-38.16 dB	Pass

Spurious emissions according to FCC 15.247

Project number: G0M-1709-6878

Applicant:	peiker CEE GmbH
EUT Name:	CEECOACH
Model:	CC2
Test Site:	Eurofins Product Service GmbH
Operator:	Abdullah Al Jamal
Test Conditions:	Tnom: 23.8°C, Vnom: 5.0 VDC
Antenna:	Amplifier Research AT 4560 (old name) / ATH18G40 (new name), Horizontal
Measurement distance:	1 m converted to 3m
Mode:	TX; BT (customer label BT2); 2480 MHz; 2-DH5
Test Date:	2017-10-25
Note:	

Index 171



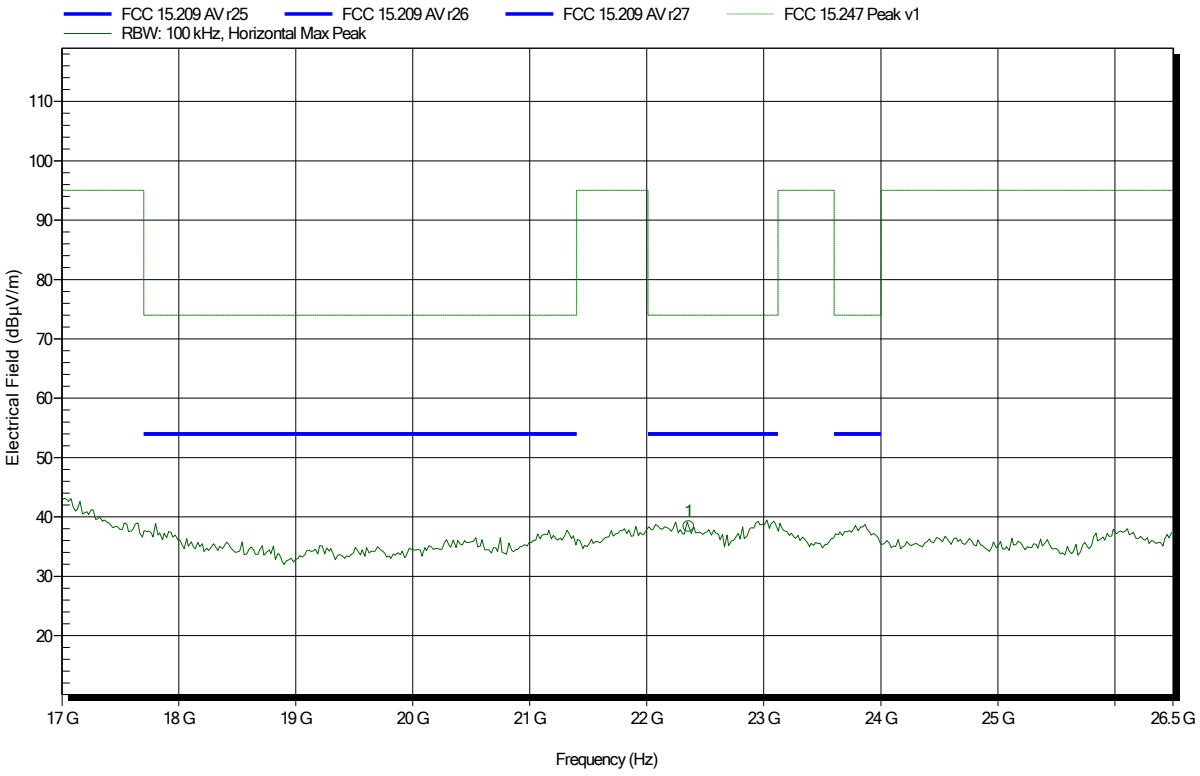
Frequency	Peak	Peak Limit	Peak Difference	Peak Status
19.831 GHz	35.87 dBµV/m	74 dBµV/m	-38.13 dB	Pass

Spurious emissions according to FCC 15.247

Project number: G0M-1709-6878

Applicant:	peiker CEE GmbH
EUT Name:	CEECOACH
Model:	CC2
Test Site:	Eurofins Product Service GmbH
Operator:	Abdullah Al Jamal
Test Conditions:	Tnom: 23.8°C, Vnom: 5.0 VDC
Antenna:	Amplifier Research AT 4560 (old name) / ATH18G40 (new name), Horizontal
Measurement distance:	1 m converted to 3m
Mode:	TX; BT (customer label BT2); 2441 MHz; DH5
Test Date:	2017-10-25
Note:	

Index 167



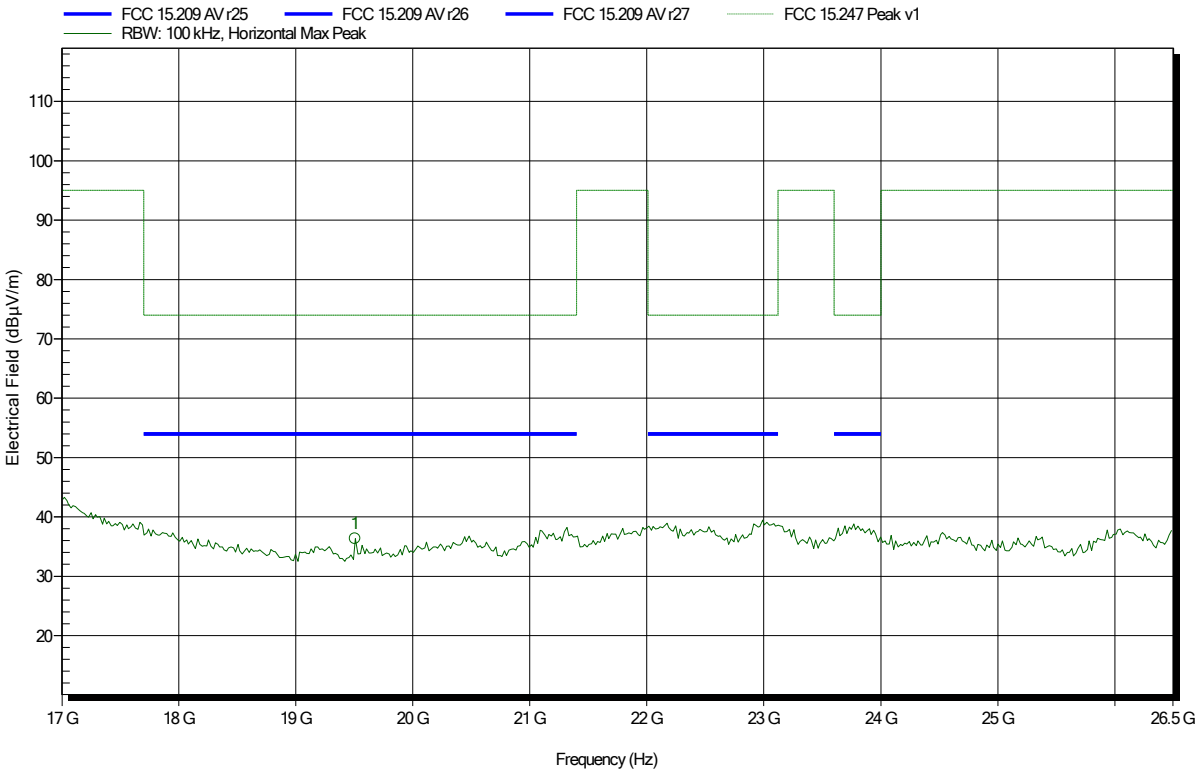
Frequency	Peak	Peak Limit	Peak Difference	Peak Status
22.358 GHz	38.37 dBµV/m	74 dBµV/m	-35.63 dB	Pass

Spurious emissions according to FCC 15.247

Project number: G0M-1709-6878

Applicant:	peiker CEE GmbH
EUT Name:	CEECOACH
Model:	CC2
Test Site:	Eurofins Product Service GmbH
Operator:	Abdullah Al Jamal
Test Conditions:	Tnom: 23.8°C, Vnom: 5.0 VDC
Antenna:	Amplifier Research AT 4560 (old name) / ATH18G40 (new name), Horizontal
Measurement distance:	1 m converted to 3m
Mode:	TX; BT (customer label BT2); 2441 MHz; 3-DH5
Test Date:	2017-10-25
Note:	

Index 169



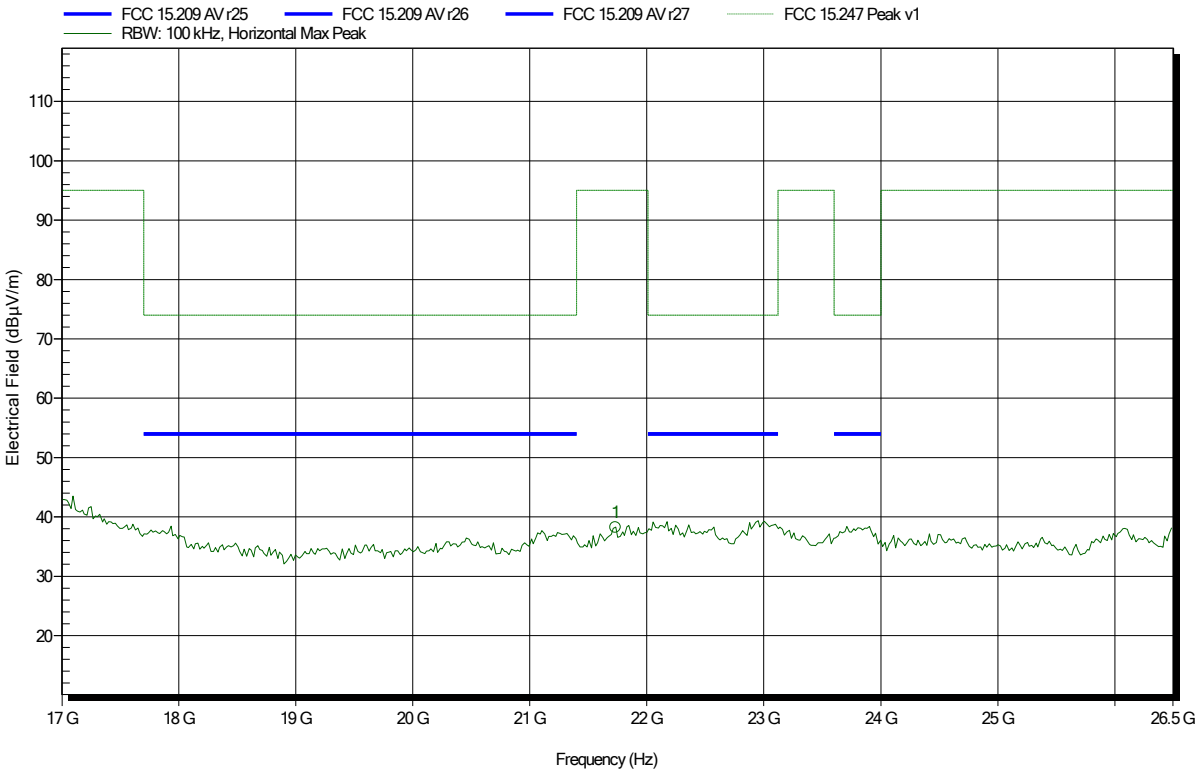
Frequency	Peak	Peak Limit	Peak Difference	Peak Status
19.508 GHz	36.34 dBµV/m	74 dBµV/m	-37.66 dB	Pass

Spurious emissions according to FCC 15.247

Project number: G0M-1709-6878

Applicant:	peiker CEE GmbH
EUT Name:	CEECOACH
Model:	CC2
Test Site:	Eurofins Product Service GmbH
Operator:	Abdullah Al Jamal
Test Conditions:	Tnom: 23.8°C, Vnom: 5.0 VDC
Antenna:	Amplifier Research AT 4560 (old name) / ATH18G40 (new name), Horizontal
Measurement distance:	1 m converted to 3m
Mode:	TX; BT (customer label BT2); 2441 MHz; 2-DH5
Test Date:	2017-10-25
Note:	

Index 168



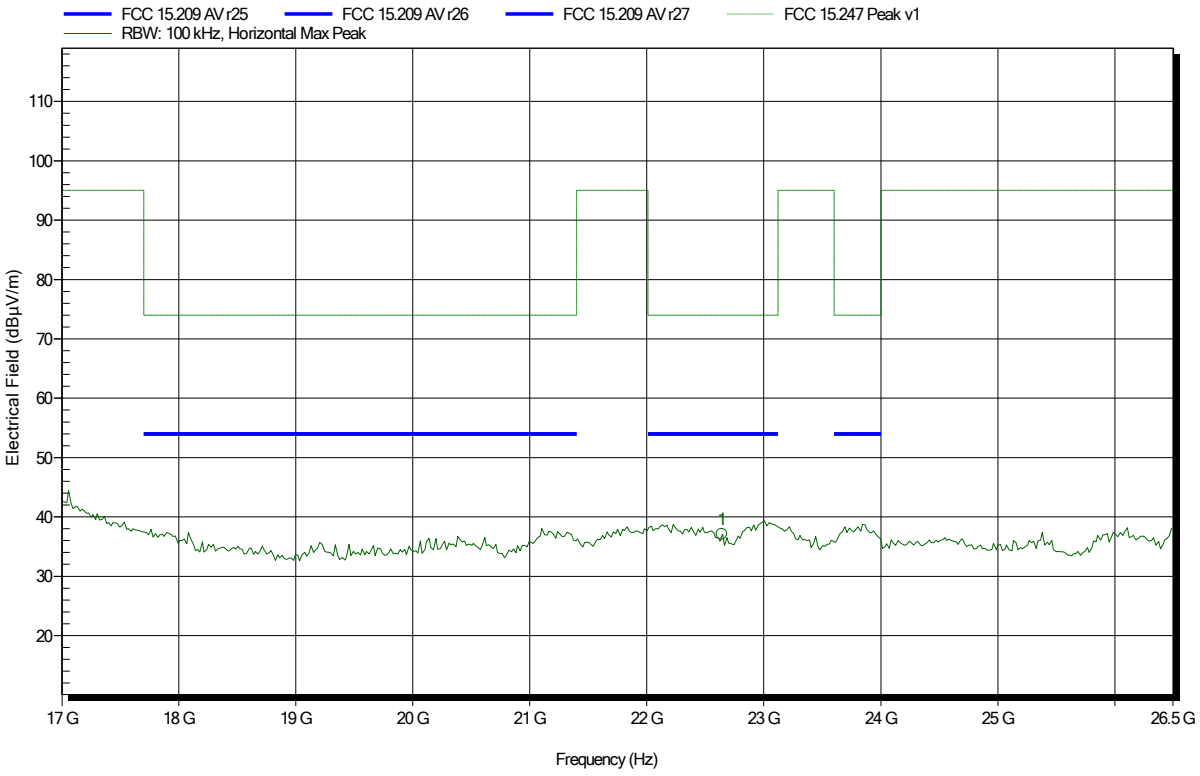
Frequency	Peak	Peak Limit	Peak Difference	Peak Status
21.731 GHz	38.25 dBµV/m	95 dBµV/m	-56.75 dB	Pass

Spurious emissions according to FCC 15.247

Project number: G0M-1709-6878

Applicant:	peiker CEE GmbH
EUT Name:	CEECOACH
Model:	CC2
Test Site:	Eurofins Product Service GmbH
Operator:	Abdullah Al Jamal
Test Conditions:	Tnom: 22.9°C, Vnom: 5.0 VDC
Antenna:	Amplifier Research AT 4560 (old name) / ATH18G40 (new name), Horizontal
Measurement distance:	1 m converted to 3m
Mode:	TX; BT (customer label BT2); 2402 MHz; DH5
Test Date:	2017-10-25
Note:	

Index 164



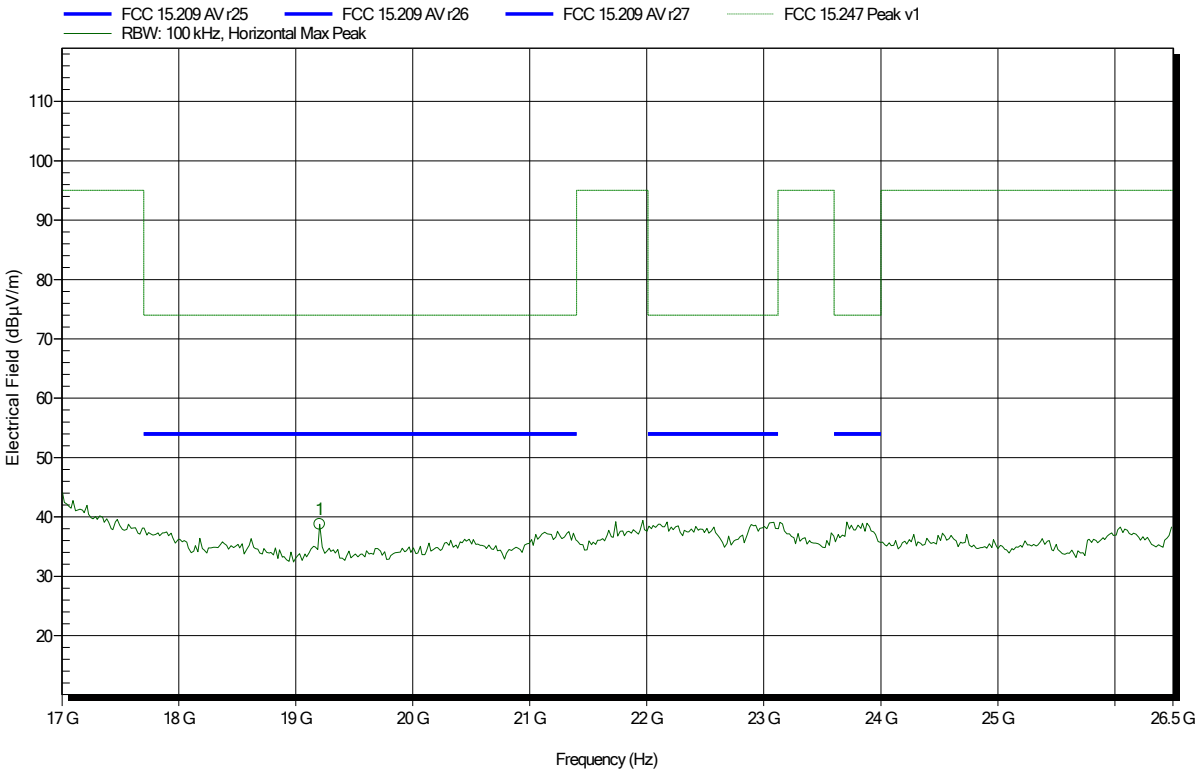
Frequency	Peak	Peak Limit	Peak Difference	Peak Status
22.643 GHz	37.1 dBµV/m	74 dBµV/m	-36.9 dB	Pass

Spurious emissions according to FCC 15.247

Project number: G0M-1709-6878

Applicant:	peiker CEE GmbH
EUT Name:	CEECOACH
Model:	CC2
Test Site:	Eurofins Product Service GmbH
Operator:	Abdullah Al Jamal
Test Conditions:	Tnom: 22.9°C, Vnom: 5.0 VDC
Antenna:	Amplifier Research AT 4560 (old name) / ATH18G40 (new name), Horizontal
Measurement distance:	1 m converted to 3m
Mode:	TX; BT (customer label BT2); 2402 MHz; 3-DH5
Test Date:	2017-10-25
Note:	

Index 166



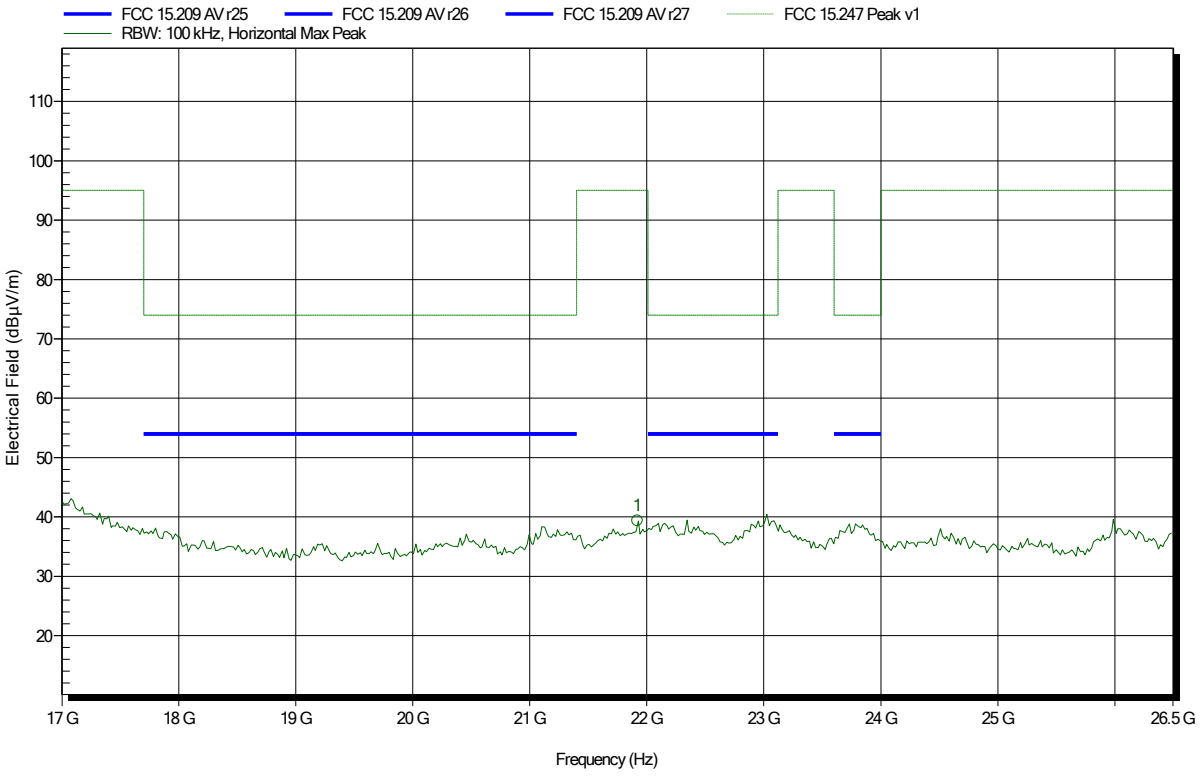
Frequency	Peak	Peak Limit	Peak Difference	Peak Status
19.204 GHz	38.79 dBµV/m	74 dBµV/m	-35.21 dB	Pass

Spurious emissions according to FCC 15.247

Project number: G0M-1709-6878

Applicant:	peiker CEE GmbH
EUT Name:	CEECOACH
Model:	CC2
Test Site:	Eurofins Product Service GmbH
Operator:	Abdullah Al Jamal
Test Conditions:	Tnom: 22.9°C, Vnom: 5.0 VDC
Antenna:	Amplifier Research AT 4560 (old name) / ATH18G40 (new name), Horizontal
Measurement distance:	1 m converted to 3m
Mode:	TX; BT (customer label BT2); 2402 MHz; 2-DH5
Test Date:	2017-10-25
Note:	

Index 165



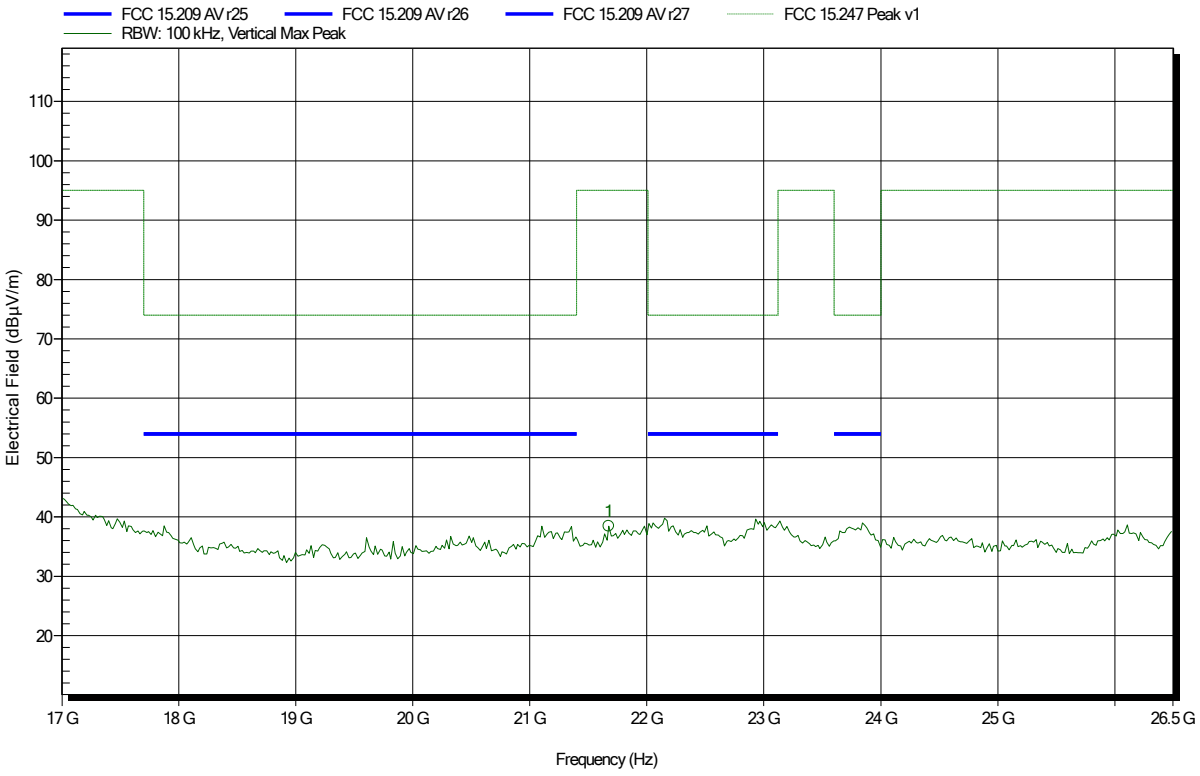
Frequency	Peak	Peak Limit	Peak Difference	Peak Status
21.921 GHz	39.36 dBµV/m	95 dBµV/m	-55.64 dB	Pass

Spurious emissions according to FCC 15.247

Project number: G0M-1709-6878

Applicant:	peiker CEE GmbH
EUT Name:	CEECOACH
Model:	CC2
Test Site:	Eurofins Product Service GmbH
Operator:	Abdullah Al Jamal
Test Conditions:	Tnom: 23.8°C, Vnom: 5.0 VDC
Antenna:	Amplifier Research AT 4560 (old name) / ATH18G40 (new name), Vertical
Measurement distance:	1 m converted to 3m
Mode:	TX; BT (customer label BT2); 2480 MHz; DH5
Test Date:	2017-10-25
Note:	

Index 173



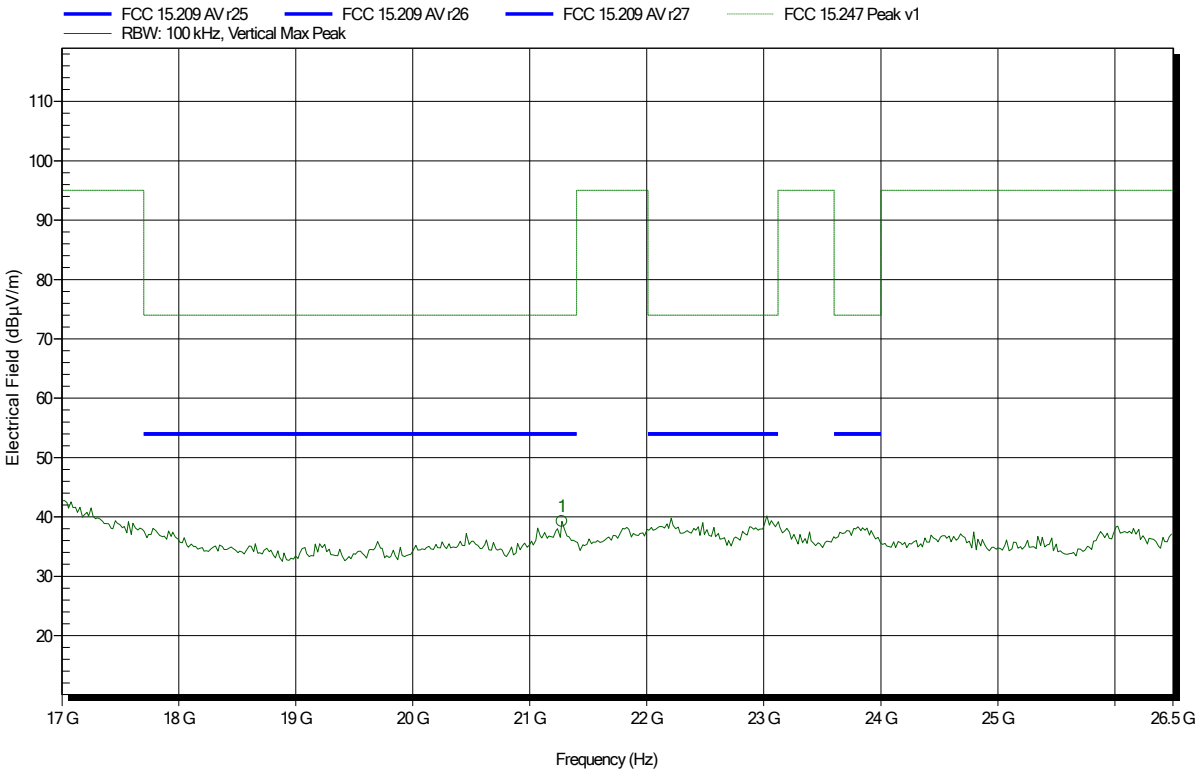
Frequency	Peak	Peak Limit	Peak Difference	Peak Status
21.674 GHz	38.42 dBµV/m	95 dBµV/m	-56.58 dB	Pass

Spurious emissions according to FCC 15.247

Project number: G0M-1709-6878

Applicant:	peiker CEE GmbH
EUT Name:	CEECOACH
Model:	CC2
Test Site:	Eurofins Product Service GmbH
Operator:	Abdullah Al Jamal
Test Conditions:	Tnom: 23.8°C, Vnom: 5.0 VDC
Antenna:	Amplifier Research AT 4560 (old name) / ATH18G40 (new name), Vertical
Measurement distance:	1 m converted to 3m
Mode:	TX; BT (customer label BT2); 2480 MHz; 3-DH5
Test Date:	2017-10-25
Note:	

Index 175



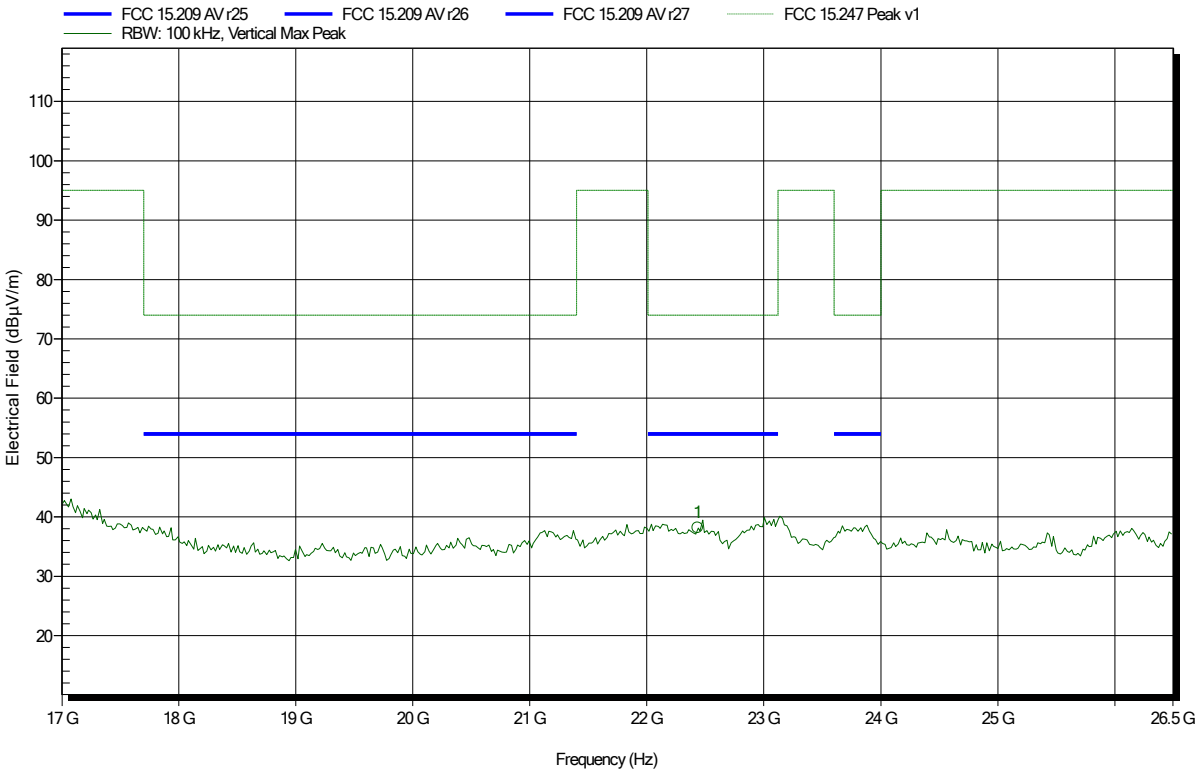
Frequency	Peak	Peak Limit	Peak Difference	Peak Status
21.275 GHz	39.27 dBµV/m	74 dBµV/m	-34.73 dB	Pass

Spurious emissions according to FCC 15.247

Project number: G0M-1709-6878

Applicant:	peiker CEE GmbH
EUT Name:	CEECOACH
Model:	CC2
Test Site:	Eurofins Product Service GmbH
Operator:	Abdullah Al Jamal
Test Conditions:	Tnom: 23.8°C, Vnom: 5.0 VDC
Antenna:	Amplifier Research AT 4560 (old name) / ATH18G40 (new name), Vertical
Measurement distance:	1 m converted to 3m
Mode:	TX; BT (customer label BT2); 2480 MHz; 2-DH5
Test Date:	2017-10-25
Note:	

Index 174



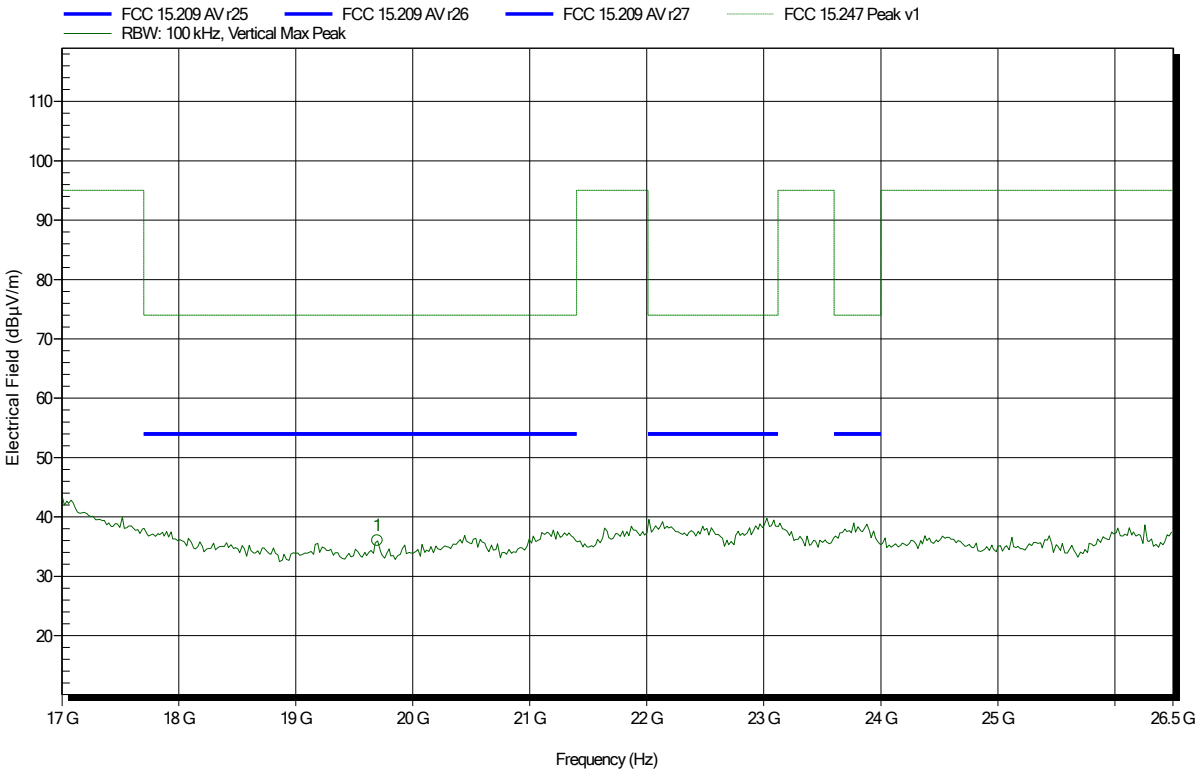
Frequency	Peak	Peak Limit	Peak Difference	Peak Status
22.434 GHz	38.15 dBµV/m	74 dBµV/m	-35.85 dB	Pass

Spurious emissions according to FCC 15.247

Project number: G0M-1709-6878

Applicant:	peiker CEE GmbH
EUT Name:	CEECOACH
Model:	CC2
Test Site:	Eurofins Product Service GmbH
Operator:	Abdullah Al Jamal
Test Conditions:	Tnom: 23.8°C, Vnom: 5.0 VDC
Antenna:	Amplifier Research AT 4560 (old name) / ATH18G40 (new name), Vertical
Measurement distance:	1 m converted to 3m
Mode:	TX; BT (customer label BT2); 2441 MHz; DH5
Test Date:	2017-10-25
Note:	

Index 176



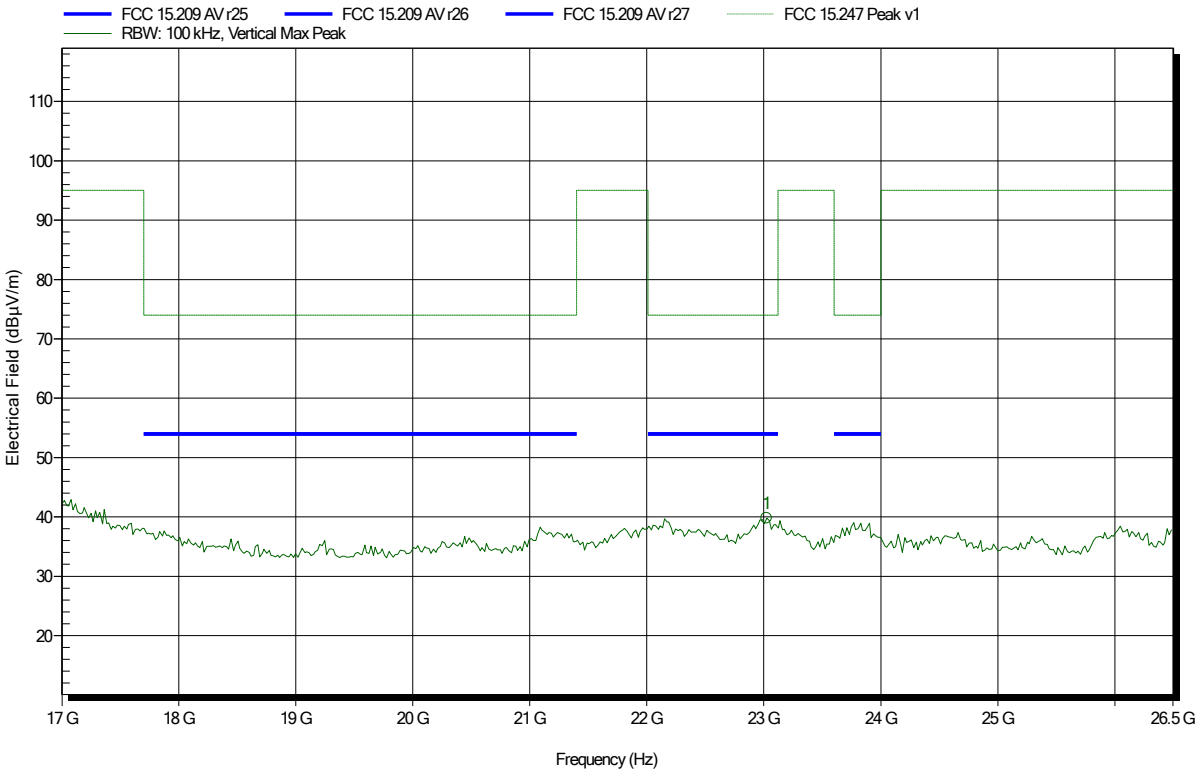
Frequency	Peak	Peak Limit	Peak Difference	Peak Status
19.698 GHz	35.99 dBµV/m	74 dBµV/m	-38.01 dB	Pass

Spurious emissions according to FCC 15.247

Project number: G0M-1709-6878

Applicant:	peiker CEE GmbH
EUT Name:	CEECOACH
Model:	CC2
Test Site:	Eurofins Product Service GmbH
Operator:	Abdullah Al Jamal
Test Conditions:	Tnom: 23.8°C, Vnom: 5.0 VDC
Antenna:	Amplifier Research AT 4560 (old name) / ATH18G40 (new name), Vertical
Measurement distance:	1 m converted to 3m
Mode:	TX; BT (customer label BT2); 2441 MHz; 3-DH5
Test Date:	2017-10-25
Note:	

Index 178



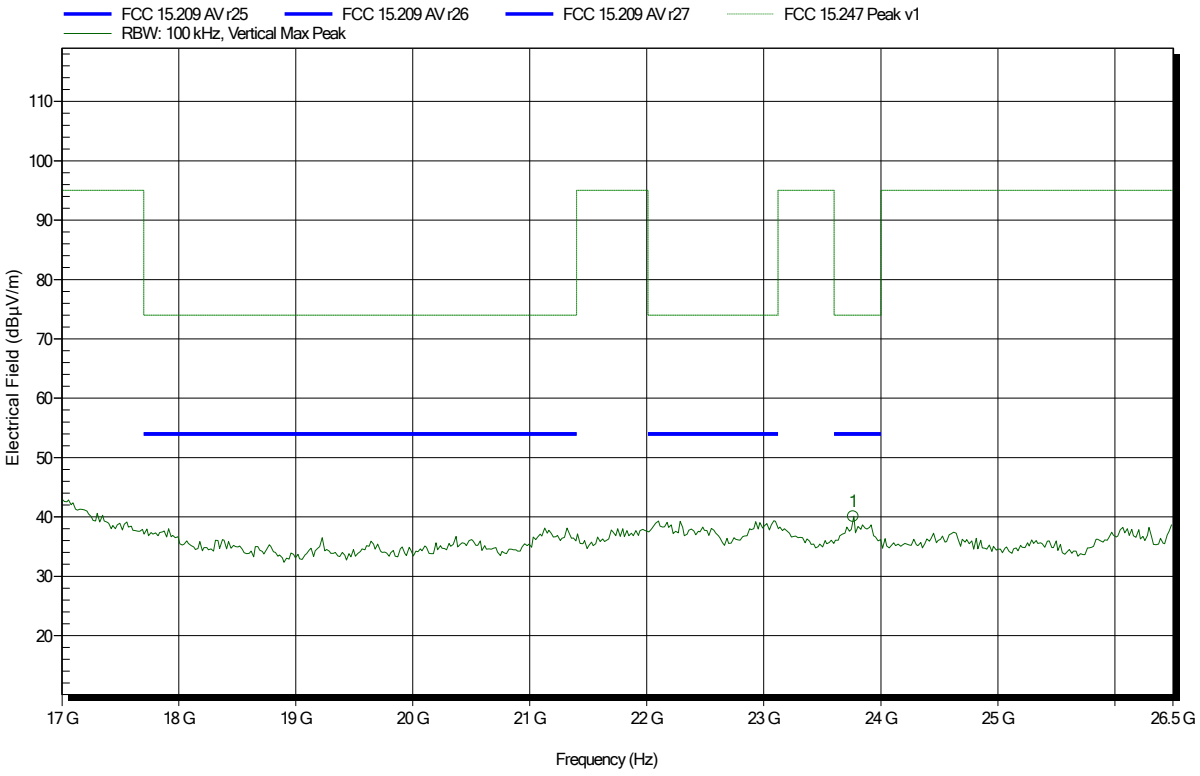
Frequency	Peak	Peak Limit	Peak Difference	Peak Status
23.023 GHz	39.79 dBµV/m	74 dBµV/m	-34.21 dB	Pass

Spurious emissions according to FCC 15.247

Project number: G0M-1709-6878

Applicant:	peiker CEE GmbH
EUT Name:	CEECOACH
Model:	CC2
Test Site:	Eurofins Product Service GmbH
Operator:	Abdullah Al Jamal
Test Conditions:	Tnom: 23.8°C, Vnom: 5.0 VDC
Antenna:	Amplifier Research AT 4560 (old name) / ATH18G40 (new name), Vertical
Measurement distance:	1 m converted to 3m
Mode:	TX; BT (customer label BT2); 2441 MHz; 2-DH5
Test Date:	2017-10-25
Note:	

Index 177



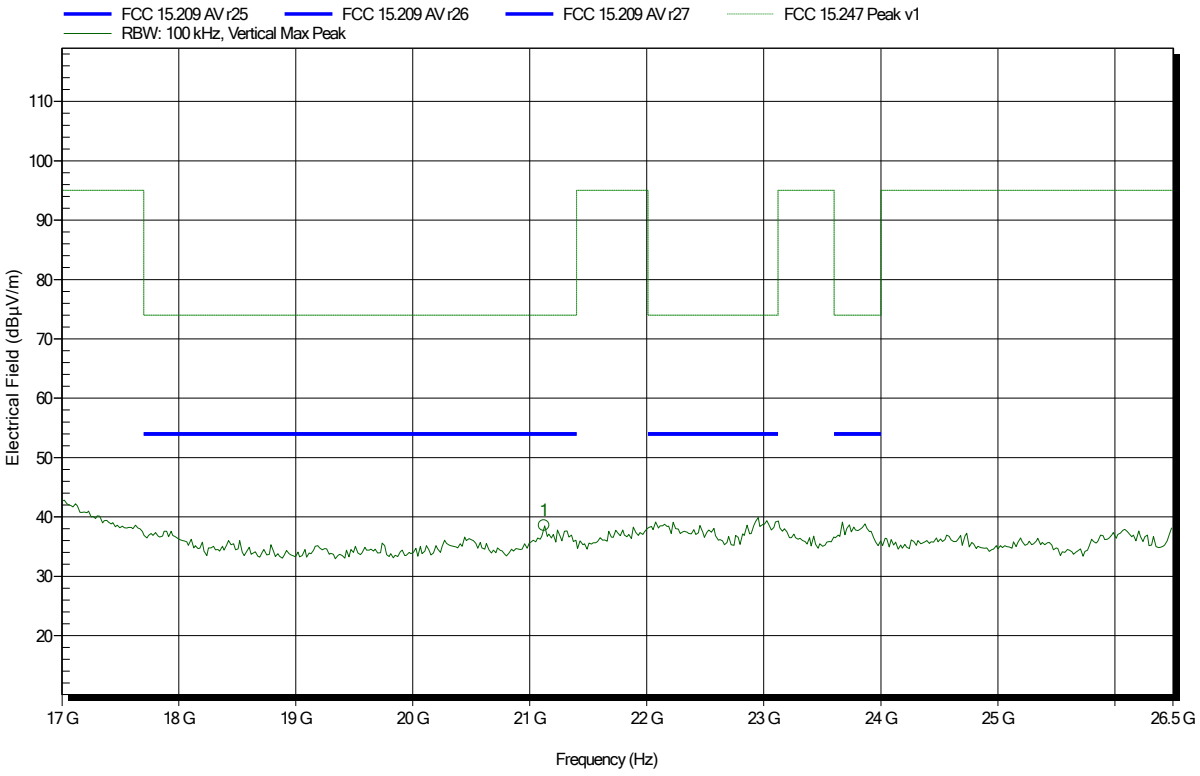
Frequency	Peak	Peak Limit	Peak Difference	Peak Status
23.764 GHz	40.08 dBµV/m	74 dBµV/m	-33.92 dB	Pass

Spurious emissions according to FCC 15.247

Project number: G0M-1709-6878

Applicant:	peiker CEE GmbH
EUT Name:	CEECOACH
Model:	CC2
Test Site:	Eurofins Product Service GmbH
Operator:	Abdullah Al Jamal
Test Conditions:	Tnom: 23.8°C, Vnom: 5.0 VDC
Antenna:	Amplifier Research AT 4560 (old name) / ATH18G40 (new name), Vertical
Measurement distance:	1 m converted to 3m
Mode:	TX; BT (customer label BT2); 2402 MHz; DH5
Test Date:	2017-10-25
Note:	

Index 179



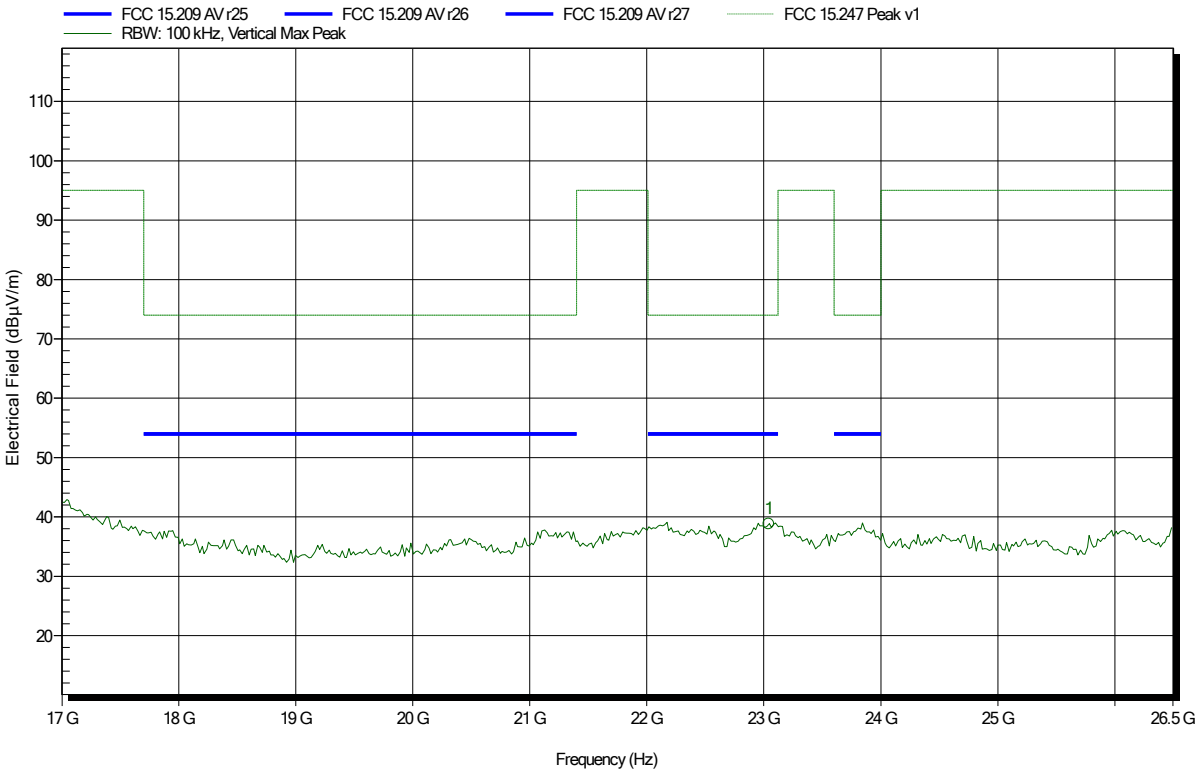
Frequency	Peak	Peak Limit	Peak Difference	Peak Status
21.123 GHz	38.53 dBµV/m	74 dBµV/m	-35.47 dB	Pass

Spurious emissions according to FCC 15.247

Project number: G0M-1709-6878

Applicant:	peiker CEE GmbH
EUT Name:	CEECOACH
Model:	CC2
Test Site:	Eurofins Product Service GmbH
Operator:	Abdullah Al Jamal
Test Conditions:	Tnom: 23.8°C, Vnom: 5.0 VDC
Antenna:	Amplifier Research AT 4560 (old name) / ATH18G40 (new name), Vertical
Measurement distance:	1 m converted to 3m
Mode:	TX; BT (customer label BT2); 2402 MHz; 3-DH5
Test Date:	2017-10-25
Note:	

Index 181



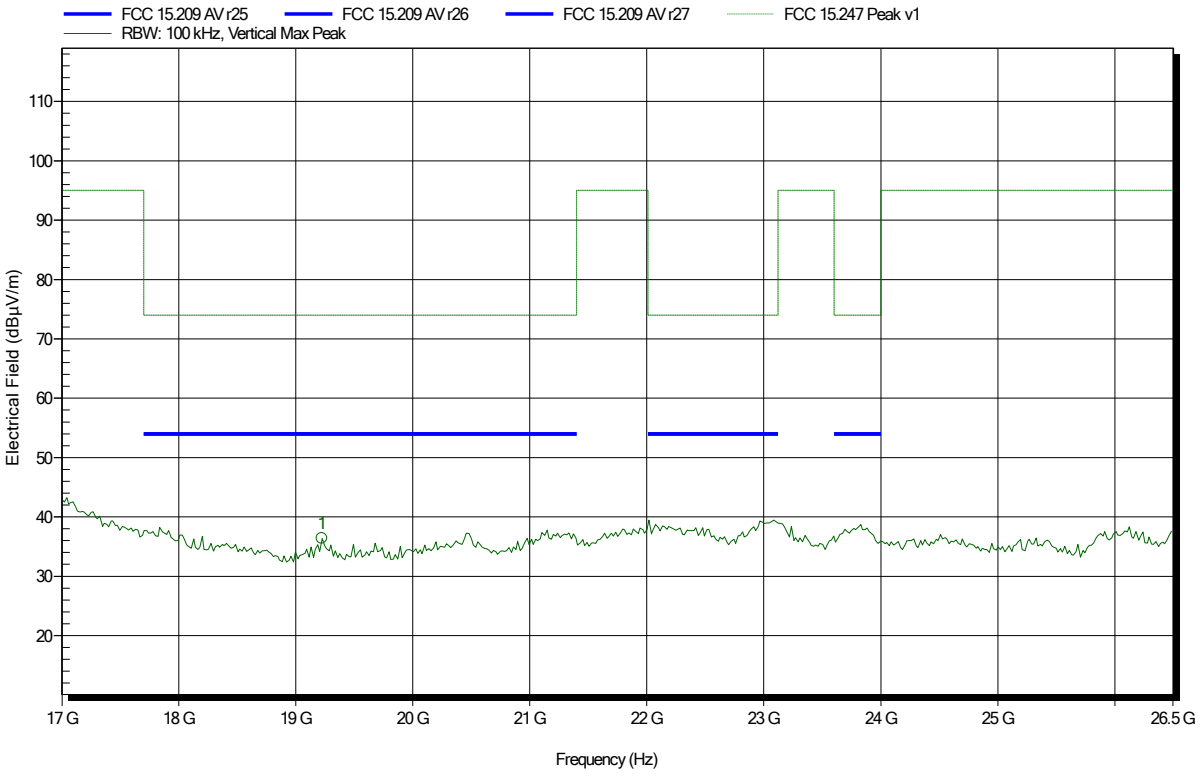
Frequency	Peak	Peak Limit	Peak Difference	Peak Status
23.042 GHz	38.84 dBµV/m	74 dBµV/m	-35.16 dB	Pass

Spurious emissions according to FCC 15.247

Project number: G0M-1709-6878

Applicant:	peiker CEE GmbH
EUT Name:	CEECOACH
Model:	CC2
Test Site:	Eurofins Product Service GmbH
Operator:	Abdullah Al Jamal
Test Conditions:	Tnom: 23.8°C, Vnom: 5.0 VDC
Antenna:	Amplifier Research AT 4560 (old name) / ATH18G40 (new name), Vertical
Measurement distance:	1 m converted to 3m
Mode:	TX; BT (customer label BT2); 2402 MHz; 2-DH5
Test Date:	2017-10-25
Note:	

Index 180



Frequency	Peak	Peak Limit	Peak Difference	Peak Status
19.223 GHz	36.38 dBµV/m	74 dBµV/m	-37.62 dB	Pass

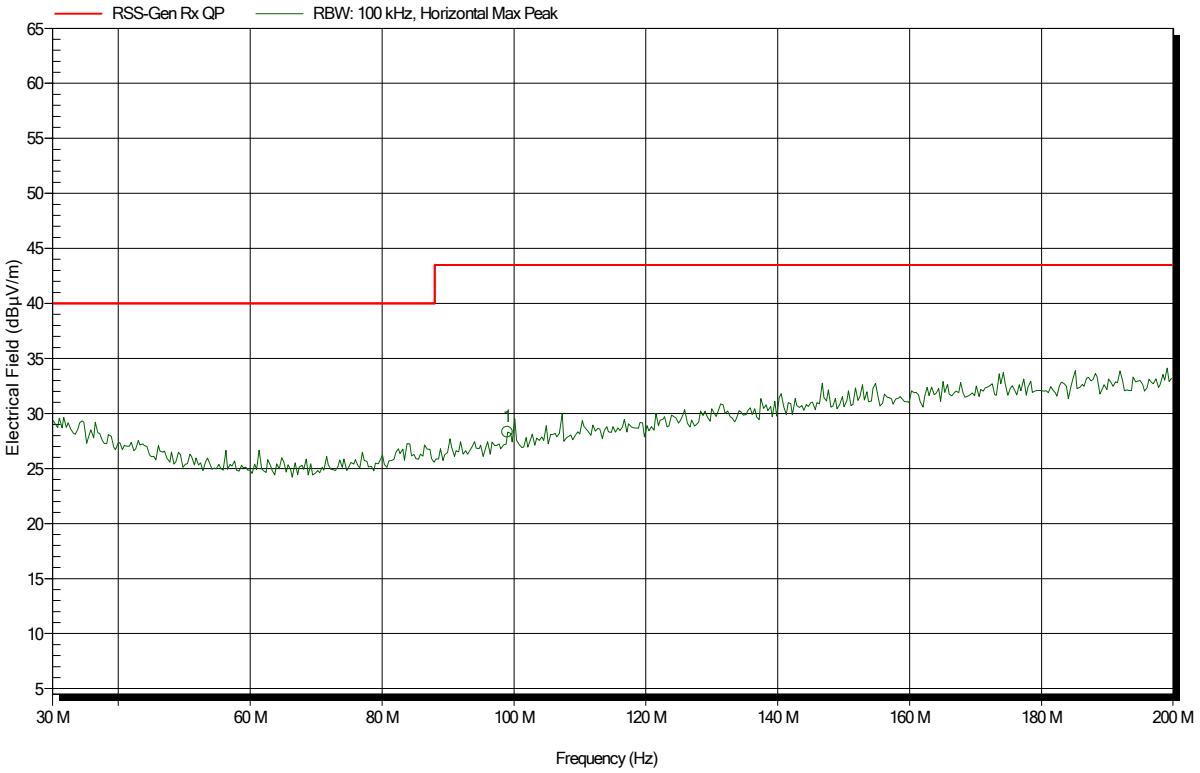
ANNEX B Receiver spurious emissions

Spurious emissions according to RSS-247 Issue 2

Project number: G0M-1709-6878

Applicant:	peiker CEE GmbH
EUT Name:	CEECOACH
Model:	CC2
Test Site:	Eurofins Product Service GmbH
Operator:	Abdullah Al Jamal
Test Conditions:	Tnom: 24.1°C, Vnom: 5.0 VDC
Antenna:	Rohde & Schwarz HK 116, Horizontal
Measurement distance:	3 m
Mode:	RX; BT (customer label BT2); 2441 MHz; scan mode
Test Date:	2017-10-25
Note:	

Index 193



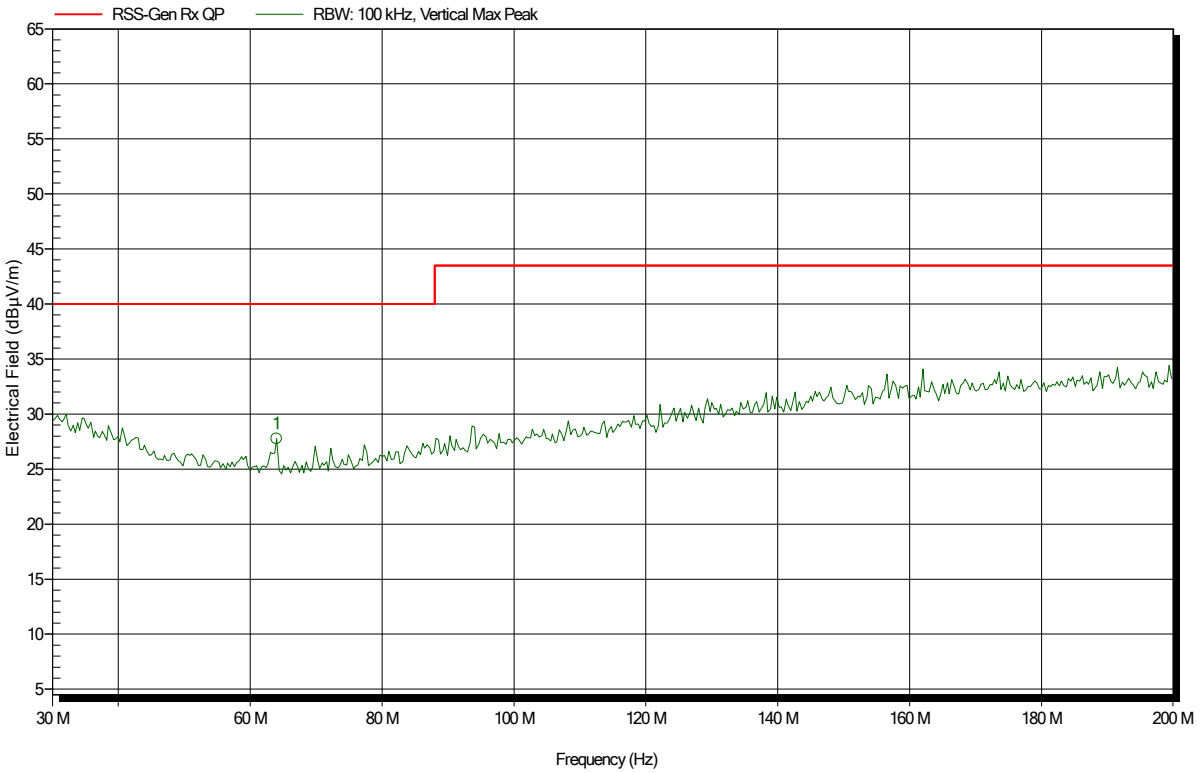
Frequency	Peak	Peak Limit	Peak Difference	Status
99.02 MHz	28.31 dBµV/m	43.5 dBµV/m	-15.19 dB	Pass

Spurious emissions according to RSS-247 Issue 2

Project number: G0M-1709-6878

Applicant:	peiker CEE GmbH
EUT Name:	CEECOACH
Model:	CC2
Test Site:	Eurofins Product Service GmbH
Operator:	Abdullah Al Jamal
Test Conditions:	Tnom: 24.1°C, Vnom: 5.0 VDC
Antenna:	Rohde & Schwarz HK 116, Vertical
Measurement distance:	3 m
Mode:	RX; BT (customer label BT2); 2441 MHz; scan mode
Test Date:	2017-10-25
Note:	

Index 194



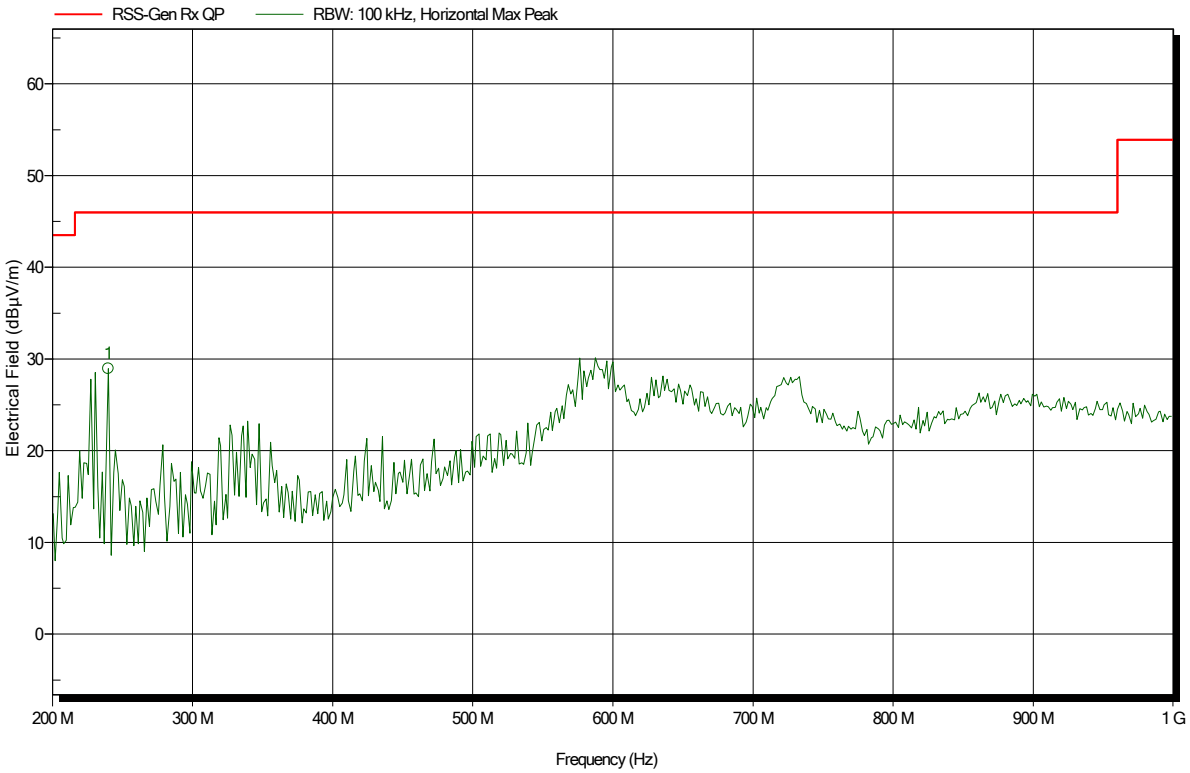
Frequency	Peak	Peak Limit	Peak Difference	Status
64 MHz	27.75 dBµV/m	40 dBµV/m	-12.25 dB	Pass

Spurious emissions according to RSS-247 Issue 2

Project number: G0M-1709-6878

Applicant:	peiker CEE GmbH
EUT Name:	CEECOACH
Model:	CC2
Test Site:	Eurofins Product Service GmbH
Operator:	Abdullah Al Jamal
Test Conditions:	Tnom: 24.1°C, Vnom: 5.0 VDC
Antenna:	Rohde & Schwarz HL 223, Horizontal
Measurement distance:	3 m
Mode:	RX; BT (customer label BT2); 2441 MHz; scan mode
Test Date:	2017-10-25
Note:	

Index 191



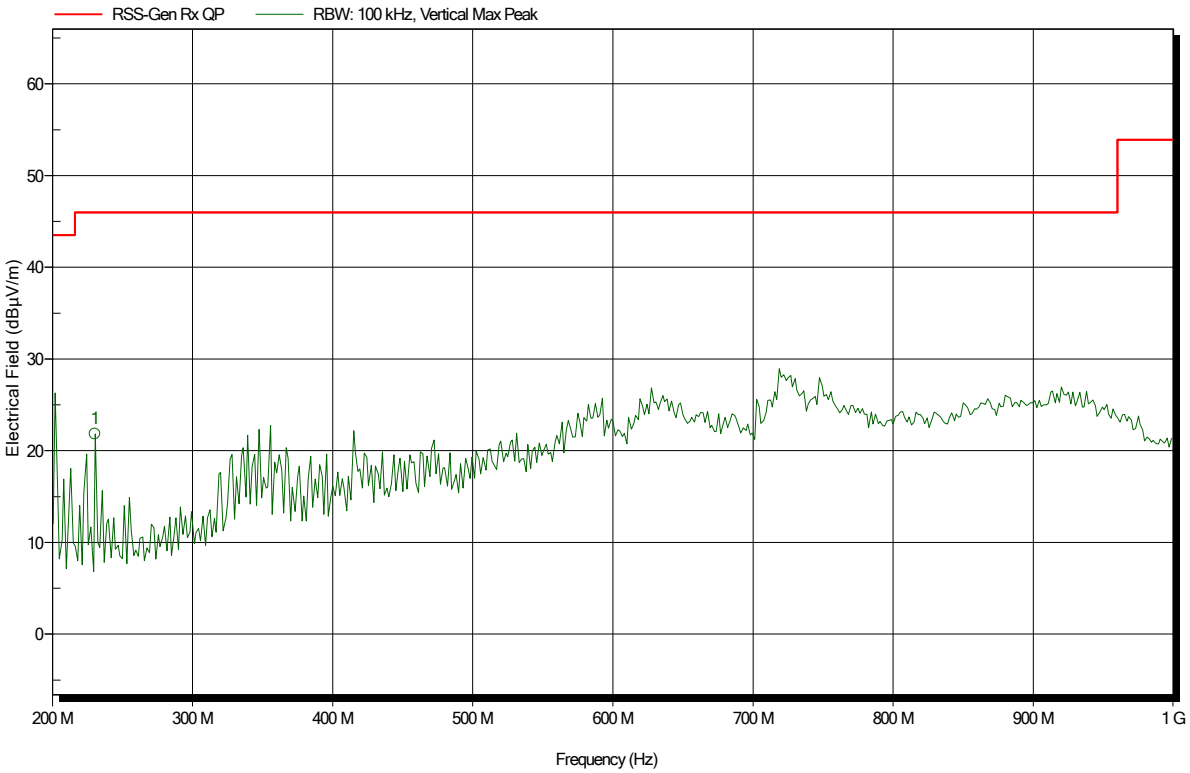
Frequency	Peak	Peak Limit	Peak Difference	Status
240 MHz	28.96 dBµV/m	46 dBµV/m	-17.04 dB	Pass

Spurious emissions according to RSS-247 Issue 2

Project number: G0M-1709-6878

Applicant:	peiker CEE GmbH
EUT Name:	CEECOACH
Model:	CC2
Test Site:	Eurofins Product Service GmbH
Operator:	Abdullah Al Jamal
Test Conditions:	Tnom: 24.1°C, Vnom: 5.0 VDC
Antenna:	Rohde & Schwarz HL 223, Vertical
Measurement distance:	3 m
Mode:	RX; BT (customer label BT2); 2441 MHz; scan mode
Test Date:	2017-10-25
Note:	

Index 192



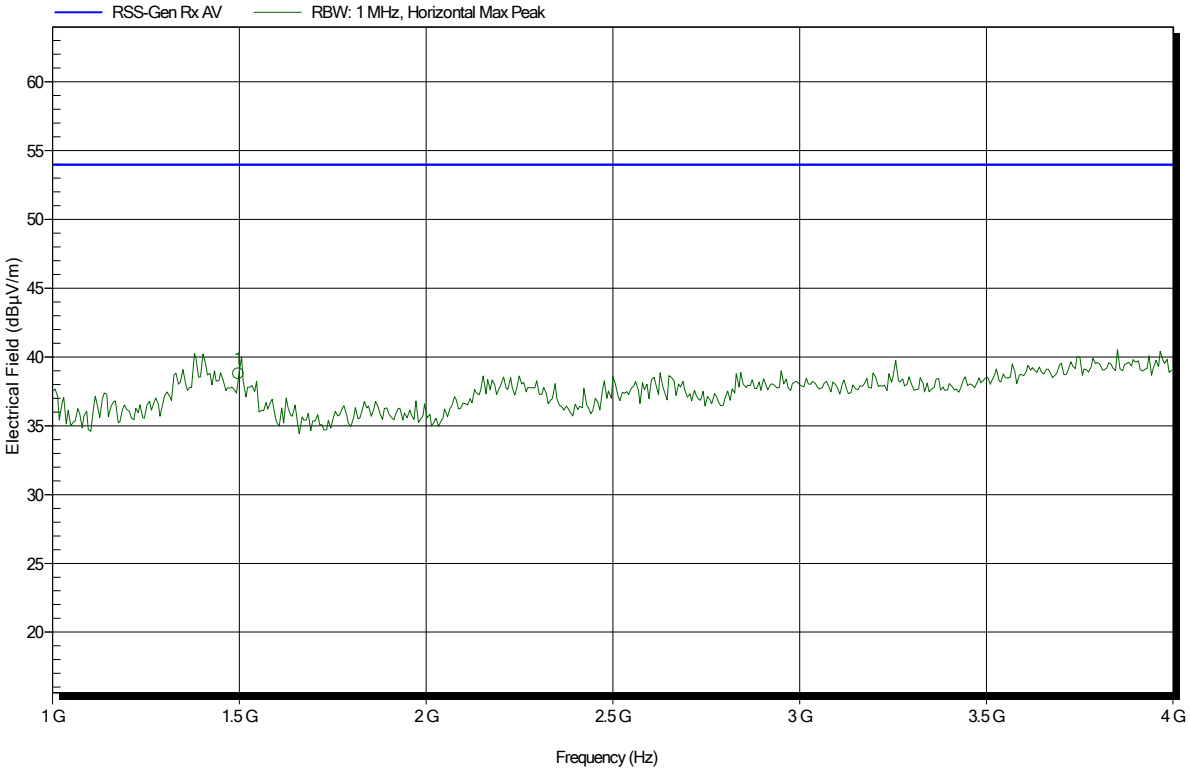
Frequency	Peak	Peak Limit	Peak Difference	Status
230.4 MHz	21.84 dBµV/m	46 dBµV/m	-24.16 dB	Pass

Spurious emissions according to RSS-247 Issue 2

Project number: G0M-1709-6878

Applicant:	peiker CEE GmbH
EUT Name:	CEECOACH
Model:	CC2
Test Site:	Eurofins Product Service GmbH
Operator:	Abdullah Al Jamal
Test Conditions:	Tnom: 24.1°C, Vnom: 5.0 VDC
Antenna:	Schwarzbeck BBHA 9120D, Horizontal
Measurement distance:	3 m
Mode:	RX; BT (customer label BT2); 2441 MHz; scan mode
Test Date:	2017-10-25
Note:	

Index 189



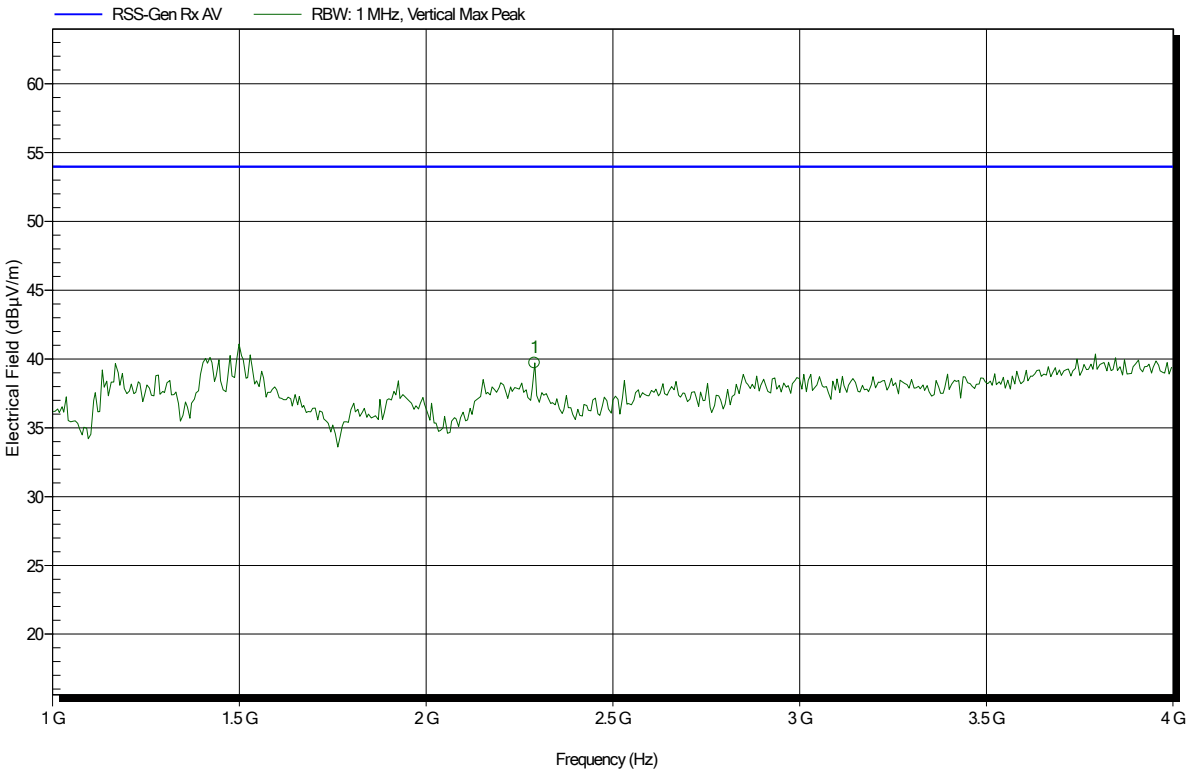
Frequency	Peak	Peak Limit	Peak Difference	Peak Status
1.498 GHz	38.78 dBµV/m	53.98 dBµV/m	-15.2 dB	Pass

Spurious emissions according to RSS-247 Issue 2

Project number: G0M-1709-6878

Applicant:	peiker CEE GmbH
EUT Name:	CEECOACH
Model:	CC2
Test Site:	Eurofins Product Service GmbH
Operator:	Abdullah Al Jamal
Test Conditions:	Tnom: 24.1°C, Vnom: 5.0 VDC
Antenna:	Schwarzbeck BBHA 9120D, Vertical
Measurement distance:	3 m
Mode:	RX; BT (customer label BT2); 2441 MHz; scan mode
Test Date:	2017-10-25
Note:	

Index 188



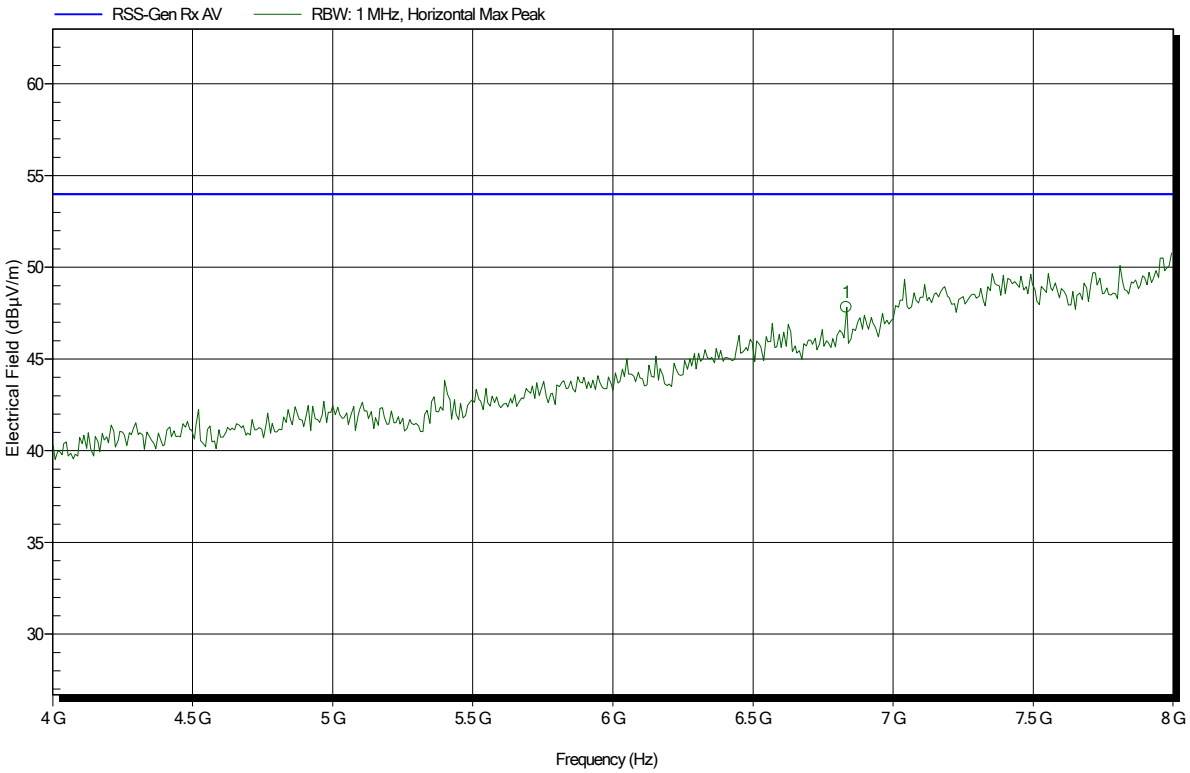
Frequency	Peak	Peak Limit	Peak Difference	Peak Status
2.29 GHz	39.72 dBµV/m	53.98 dBµV/m	-14.26 dB	Pass

Spurious emissions according to RSS-247 Issue 2

Project number: G0M-1709-6878

Applicant:	peiker CEE GmbH
EUT Name:	CEECOACH
Model:	CC2
Test Site:	Eurofins Product Service GmbH
Operator:	Abdullah Al Jamal
Test Conditions:	Tnom: 24.1°C, Vnom: 5.0 VDC
Antenna:	Schwarzbeck BBHA 9120D, Horizontal
Measurement distance:	3 m
Mode:	RX; BT (customer label BT2); 2441 MHz; scan mode
Test Date:	2017-10-25
Note:	

Index 190



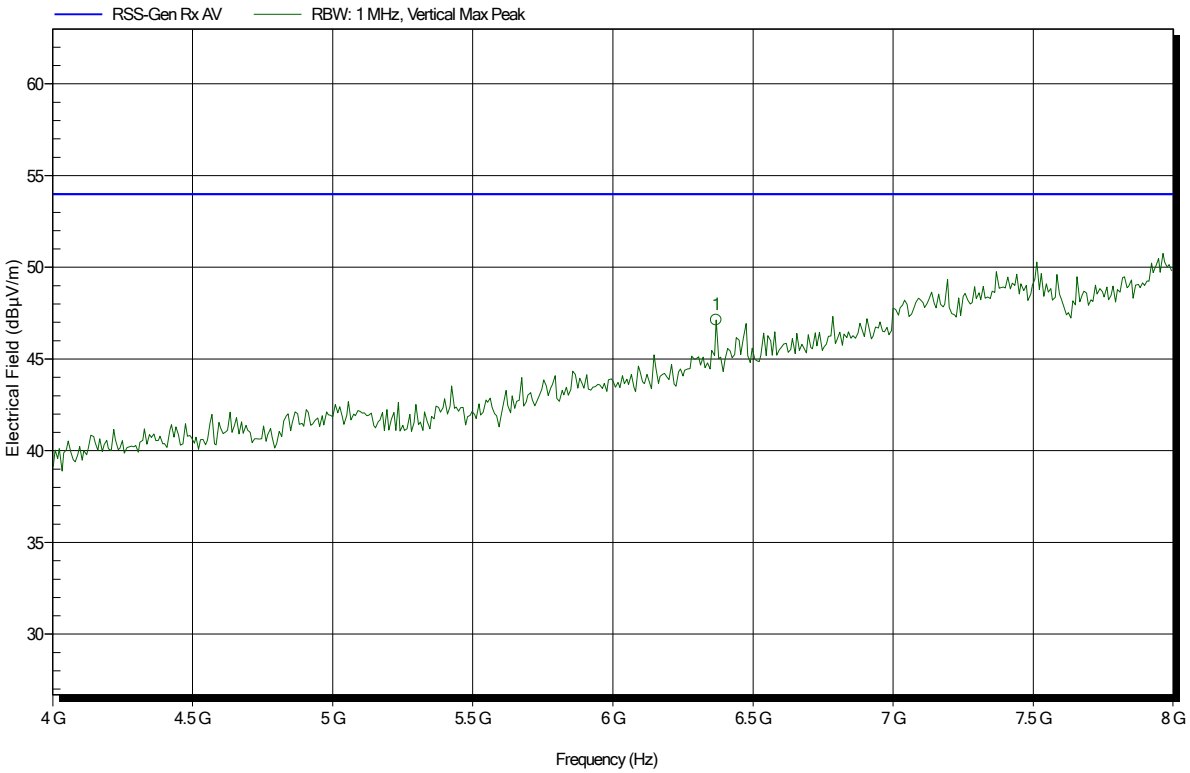
Frequency	Peak	Peak Limit	Peak Difference	Peak Status
6.832 GHz	47.83 dBµV/m	53.98 dBµV/m	-6.15 dB	Pass

Spurious emissions according to RSS-247 Issue 2

Project number: G0M-1709-6878

Applicant:	peiker CEE GmbH
EUT Name:	CEECOACH
Model:	CC2
Test Site:	Eurofins Product Service GmbH
Operator:	Abdullah Al Jamal
Test Conditions:	Tnom: 24.1°C, Vnom: 5.0 VDC
Antenna:	Schwarzbeck BBHA 9120D, Vertical
Measurement distance:	3 m
Mode:	RX; BT (customer label BT2); 2441 MHz; scan mode
Test Date:	2017-10-25
Note:	

Index 186



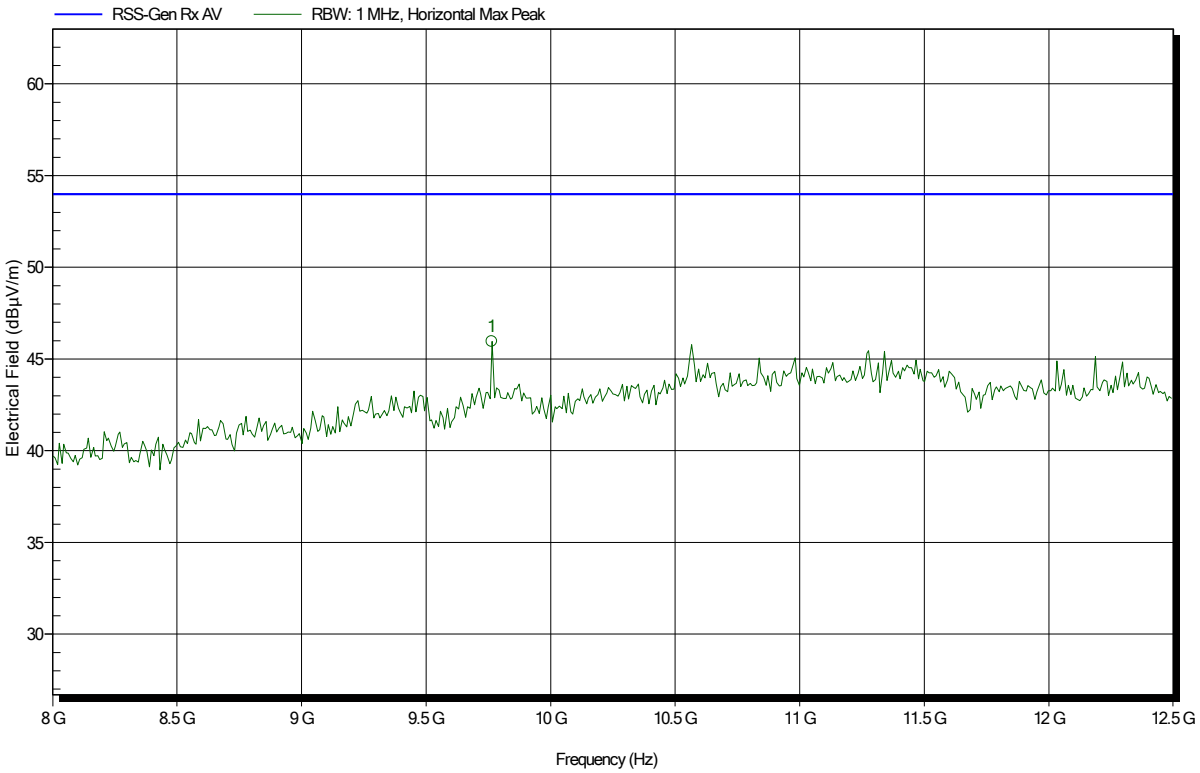
Frequency	Peak	Peak Limit	Peak Difference	Peak Status
6.368 GHz	47.13 dBµV/m	53.98 dBµV/m	-6.85 dB	Pass

Spurious emissions according to RSS-247 Issue 2

Project number: G0M-1709-6878

Applicant:	peiker CEE GmbH
EUT Name:	CEECOACH
Model:	CC2
Test Site:	Eurofins Product Service GmbH
Operator:	Abdullah Al Jamal
Test Conditions:	Tnom: 24.1°C, Vnom: 5.0 VDC
Antenna:	Schwarzbeck BBHA 9120D, Horizontal
Measurement distance:	1 m converted to 3m
Mode:	RX; BT (customer label BT2); 2441 MHz; scan mode
Test Date:	2017-10-25
Note:	

Index 183



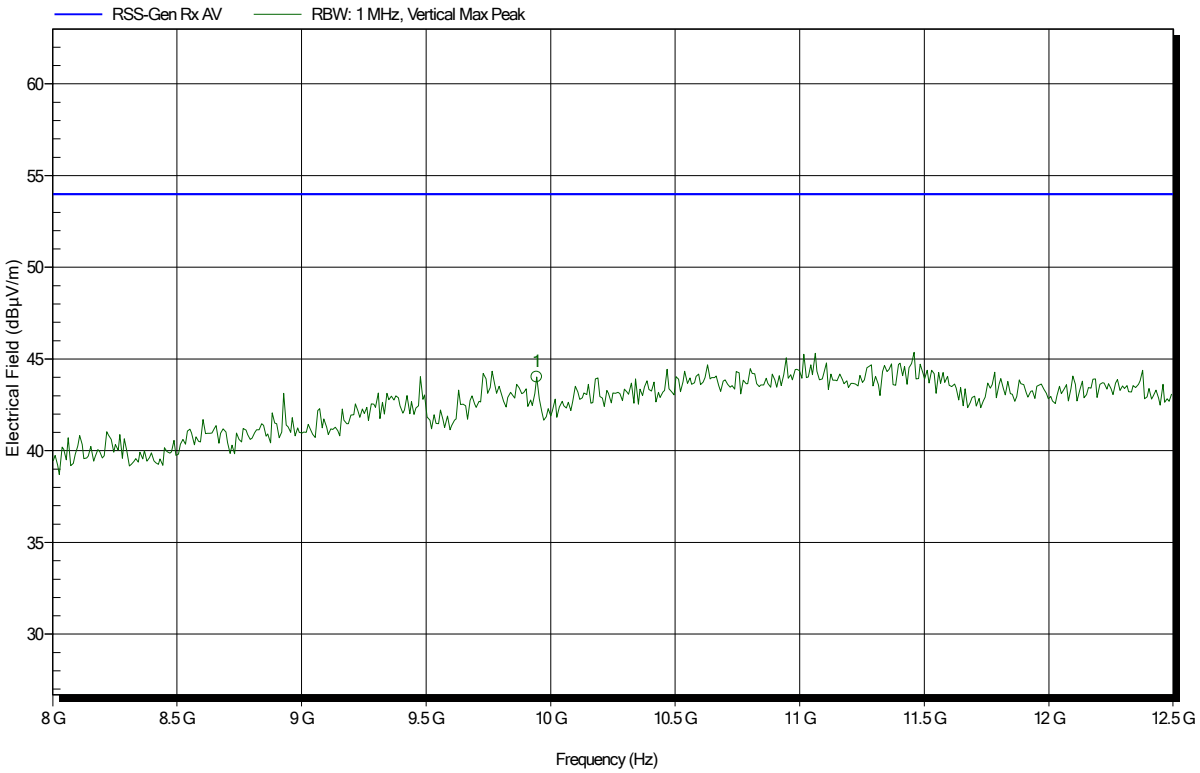
Frequency	Peak	Peak Limit	Peak Difference	Status
9.764 GHz	45.96 dBµV/m	53.98 dBµV/m	-8.02 dB	Pass

Spurious emissions according to RSS-247 Issue 2

Project number: G0M-1709-6878

Applicant:	peiker CEE GmbH
EUT Name:	CEECOACH
Model:	CC2
Test Site:	Eurofins Product Service GmbH
Operator:	Abdullah Al Jamal
Test Conditions:	Tnom: 24.1°C, Vnom: 5.0 VDC
Antenna:	Schwarzbeck BBHA 9120D, Vertical
Measurement distance:	1 m converted to 3m
Mode:	RX; BT (customer label BT2); 2441 MHz; scan mode
Test Date:	2017-10-25
Note:	

Index 184



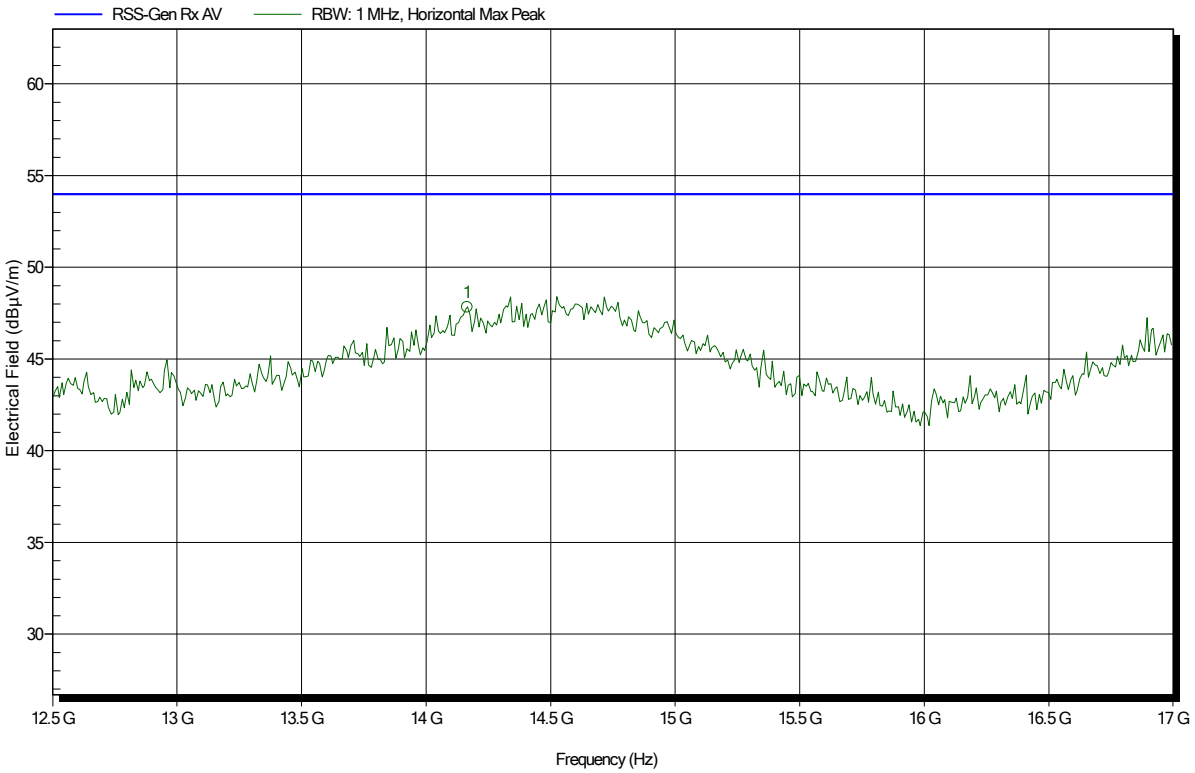
Frequency	Peak	Peak Limit	Peak Difference	Status
9.944 GHz	44.02 dBµV/m	53.98 dBµV/m	-9.96 dB	Pass

Spurious emissions according to RSS-247 Issue 2

Project number: G0M-1709-6878

Applicant:	peiker CEE GmbH
EUT Name:	CEECOACH
Model:	CC2
Test Site:	Eurofins Product Service GmbH
Operator:	Abdullah Al Jamal
Test Conditions:	Tnom: 24.1°C, Vnom: 5.0 VDC
Antenna:	Schwarzbeck BBHA 9120D, Horizontal
Measurement distance:	1 m converted to 3m
Mode:	RX; BT (customer label BT2); 2441 MHz; scan mode
Test Date:	2017-10-25
Note:	

Index 182



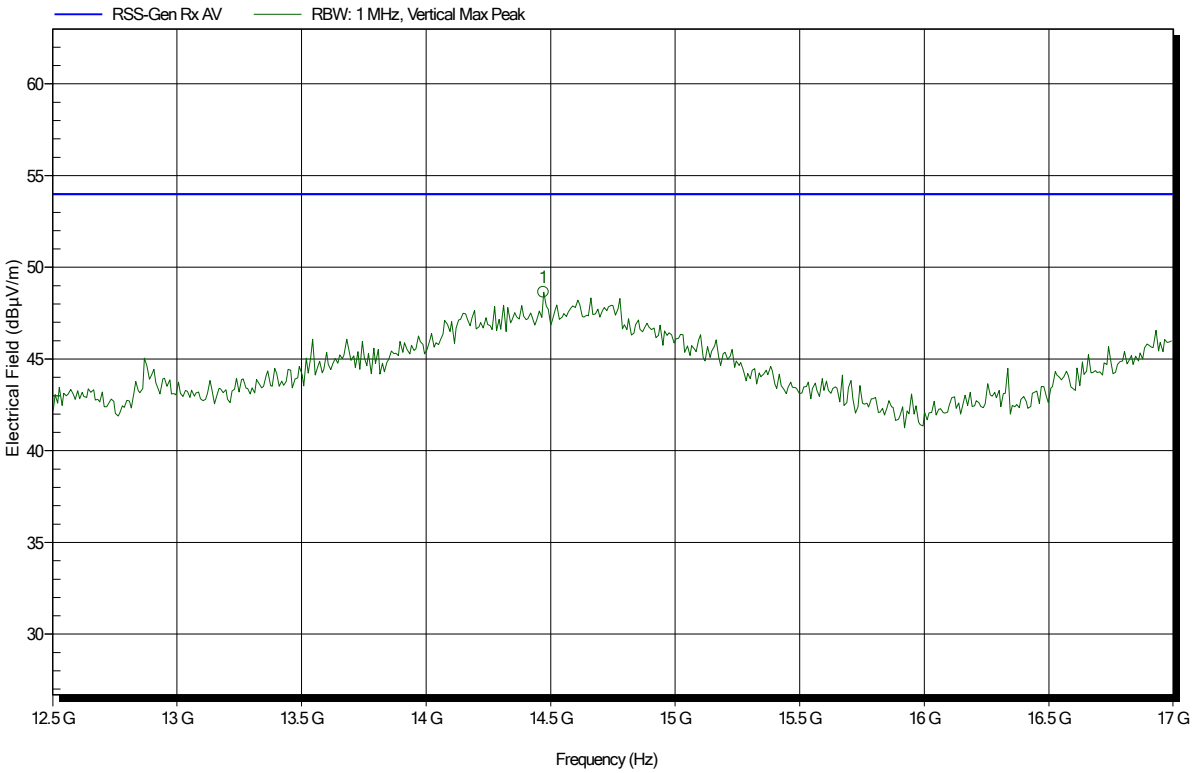
Frequency	Peak	Peak Limit	Peak Difference	Status
14.165 GHz	47.83 dBµV/m	53.98 dBµV/m	-6.15 dB	Pass

Spurious emissions according to RSS-247 Issue 2

Project number: G0M-1709-6878

Applicant:	peiker CEE GmbH
EUT Name:	CEECOACH
Model:	CC2
Test Site:	Eurofins Product Service GmbH
Operator:	Abdullah Al Jamal
Test Conditions:	Tnom: 24.1°C, Vnom: 5.0 VDC
Antenna:	Schwarzbeck BBHA 9120D, Vertical
Measurement distance:	1 m converted to 3m
Mode:	RX; BT (customer label BT2); 2441 MHz; scan mode
Test Date:	2017-10-25
Note:	

Index 185



Frequency	Peak	Peak Limit	Peak Difference	Status
14.471 GHz	48.64 dBµV/m	53.98 dBµV/m	-5.34 dB	Pass