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FCC PART 15B / RSS-215 SCANNING RECEIVER TEST REPORT

Applicant	UNIDEN AMERICA CORPORATION
Address	6225 N. State High 161 Suite 300 Irving, TX 75038
FCC ID:	AMWUB367
IC	513C-UB367
Model Number	BC355N
Product Description	SCANNING RECEIVER
Date Sample Received	09/11/2019
Final Test Date	09/11/2019
Tested By	Tim Royer
Approved By	Franklin Rose
Test Results	<input checked="" type="checkbox"/> PASS <input type="checkbox"/> FAIL

Report Number	Version Number	Description	Issue Date
2316UT19TestReport	Rev1	Initial Issue	09/11/2019
	Rev2	Updated Address	09/23/2019
	Rev 3	Corrected Suite #	09/23/2019

THE ATTACHED REPORT SHALL NOT BE REPRODUCED EXCEPT IN FULL WITHOUT THE WRITTEN APPROVAL OF TIMCO ENGINEERING, INC.

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ANTENNA CONDUCTED POWER 110

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TEST DATA: SCANNING, LINE 2 PEAK PLOT 114

TEST DATA: SCANNING, LINE 2 PEAK TABLE 115

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TEST DATA: TUNED TO 108 MHZ, LINE 1 PEAK TABLE 125

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TEST DATA: TUNED TO 108 MHZ, LINE 2 PEAK TABLE 127

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TEST EQUIPMENT LIST 148

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GENERAL REMARKS

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Summary

The device under test does:

- Fulfill the general approval requirements as identified in this test report and was selected by the customer.
- Not fulfill the general approval requirements as identified in this test report

Attestations

This equipment has been tested in accordance with the standards identified in this test report. To the best of my knowledge and belief, these tests were performed using the measurement procedures described in this report.

All instrumentation and accessories used to test products for compliance to the indicated standards are calibrated regularly in accordance with ISO 17025 requirements.

I attest that the necessary measurements were made at:

Timco Engineering Inc.
849 NW State Road 45
Newberry, FL 32669

Tested by:



Name and Title	Tim Royer, Project Manager / EMC Testing Engineer
Date	09/19/2019

Reviewed and Approved by:



Name and Title	Franklin Rose, Project Manager / EMC Testing Technician
Date	09/19/2019

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GENERAL INFORMATION

EUT Description	SCANNING RECEIVER
FCC ID	AMWUB367
IC	513C-UB367
Model Number	BC355N
Range	0.1 – 956 MHz, Tri-Band Rx
Receiver Circuit Type	Superheterodyne
Lowest Internal Frequency	> 9 kHz
Antenna Connector	BNC
EUT Power Source	<input type="checkbox"/> 110–120Vac/50– 60Hz
	<input checked="" type="checkbox"/> 13.8 VDC Nominal (Optional)
	<input type="checkbox"/> Battery Operated Exclusively
Test Item	<input type="checkbox"/> Prototype
	<input checked="" type="checkbox"/> Pre-Production
	<input type="checkbox"/> Production
Modifications required for Testing	None
Test Site	Timco Engineering, Inc. 849 NW State Road 45 Newberry, FL 32669 Designation #US1070 ISED CAB #US0111 ISED Test Site #2056A

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REPORT SUMMARY

Regulatory Standard	CFR Title 47 FCC Rule part 15B § 15.109, 15.111, & 15.121, RSS-215 Issue 2, RSS-GEN Issue 4
Test Procedures	FCC Part 15.31, 15.33, 15.35 ANSI C63.4 – 2014
Operational Modes	Stopped at the Lowest, middle, and highest frequency of each frequency range. In addition, scanning all frequencies of tuning range.
Test Frequencies	25, 54, 108, 174, 406, 512, 806, 956 MHz
	Scan: 25 MHz to 956 MHz
Environmental Condition in the laboratory	Temperature: 24-26°C Relative humidity: 50-65% Barometric Pressure: 1021 mb
Deviation from the standard/procedure	No deviation

RESULTS SUMMARY

Test Item	FCC Rule Part	RSS Specification	Result
Radiated Spurious Emissions	15.109	215 sec 5.1, GEN sec 7.1	Pass
15.111 Receiver Conducted Power	15.111(a)		N/A ⁽¹⁾
15.121 38 dB Rejection	15.121		N/A ⁽²⁾
Powerline Conducted Emissions	15.107	215, sec 5.1, GEN sec 8.8	Pass

Notes:

- 1) EUT is not intended for connection with AC Mains.
- 2) Manufacturer provided attestation letter, no test required.

RADIATED SPURIOUS EMISSIONS

Rule Part No.: FCC Part 15 Subpart B, RSS-215 sec 5.1

Requirements: FCC Part 15.109(a), RSS GEN 7.1.2 Radiated Emission Limit

Class B Field Strength Limits @ 3 Meters	
Frequency (MHz)	Level (dBuV/m)
30 – 88	40.0
80 – 216	43.5
216 – 960	46.0
Above 960	54.0

FCC Part 15.109(f) Radiated Emission Limit

For a receiver which employs terminals for the connection of an external receiving antenna, the receiver shall be tested to demonstrate compliance with the provisions of this section with an antenna connected to the antenna terminals unless the antenna conducted power is measured as specified in §15.111(a).

Procedure: FCC Part 15.33(b)(3) Frequency range of radiated measurements

FCC Part 15.35(a) Measurement detector functions and bandwidths

ANSI C63.4 Methods of Measurement of Radio-Noise Emissions from Low-Voltage Electrical and Electronic Equipment 9 kHz to 40 GHz

§ 6.2 Operating conditions

§ 6.3 Arrangement of EUT

§ 8.3.1 Exploratory radiated emissions measurements

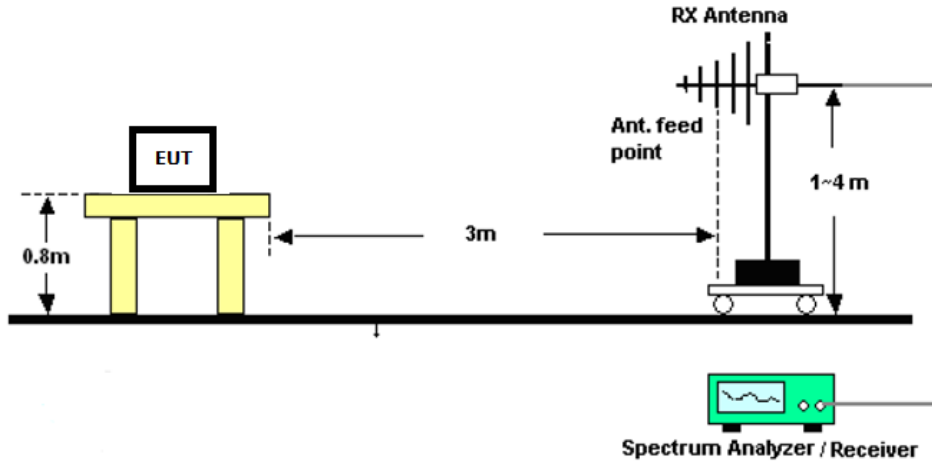
§ 8.3.2 Final radiated emission measurements

Configuration: The scanner receiver spurious emissions are to be measured when the receiver is in the scanning mode and repeated when the scanning is stopped, all while the antenna terminals are terminated into a non-radiating 50 Ω load.

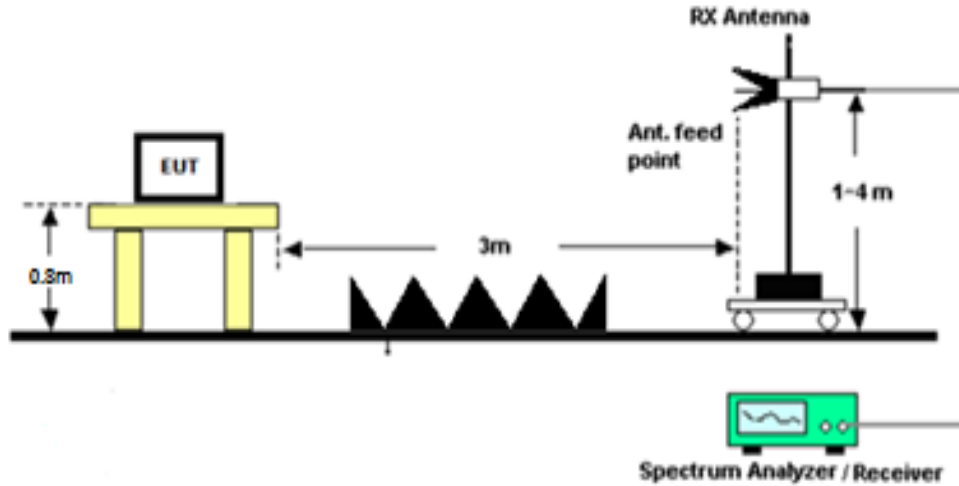
RADIATED SPURIOUS EMISSIONS

Setup:

Emissions 30 – 1000 MHz



Emissions above 1 GHz



RADIATED SPURIOUS EMISSIONS

Scanning Receiver Function

Test Data: 30-200MHz Field Strength Plot, Horizontal Polarity



06.Sep 19 19:35

Test Spec CISPR 22 Radiated Disturbances

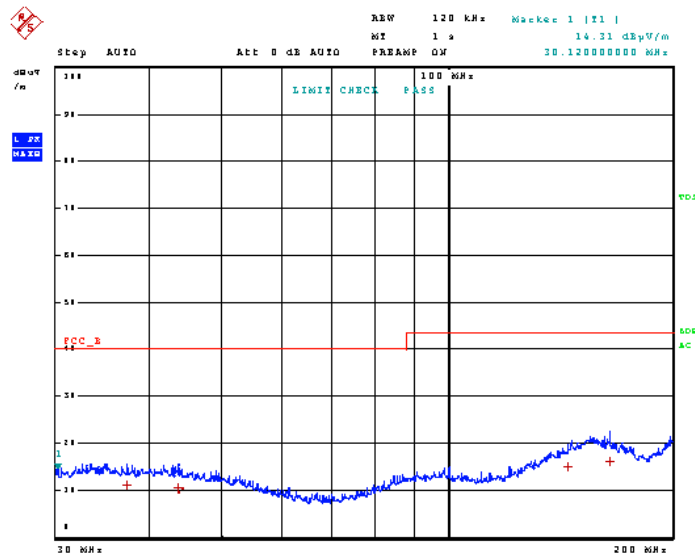
Polarity

Vertical

Stepped Scan (1 Range)

Scan Start: 30 MHz
 Scan Stop: 200 MHz
 Detector: Trace 1: MAX PEAK
 Transducer: TDS_01

Start Frequency	Stop Frequency	Step Size	Res BW	Meas Time	RF Atten	Preamp	Input
30.000000 MHz	200.000000 MHz	40.00 kHz	120.00 kHz	50 μ s	Auto	20 dB	INPUT1



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RADIATED SPURIOUS EMISSIONS

Test Data: 30-200MHz Field Strength Table, Horizontal Polarity

06.Sep 19 19:35

Test Spec CISPR 22 Radiated Disturbances

Polarity

Vertical

Final Measurement

Meas Time: 1 s
Margin: 25 dB
Subranges: 4

Trace	Frequency	Level (dB μ V/m)	Detector	Delta Limit/dB
1	37.32000000 MHz	10.94	Quasi Peak	-29.06
1	43.64000000 MHz	10.40	Quasi Peak	-29.60
1	145.04000000 MHz	14.95	Quasi Peak	-28.55
1	164.64000000 MHz	16.00	Quasi Peak	-27.50

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RADIATED SPURIOUS EMISSIONS

Test Data: 30-200MHz Field Strength Plot, Vertical Polarity



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Test Spec CISPR 22 Radiated Disturbances

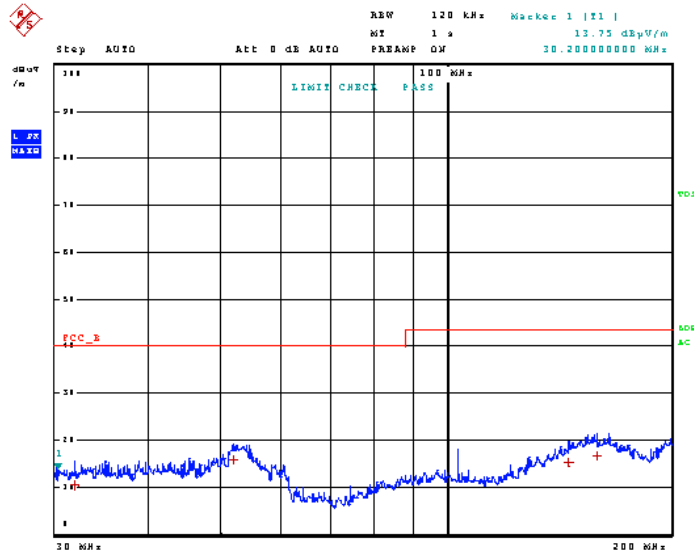
Polarity

Vertical

Stepped Scan (1 Range)

Scan Start: 30 MHz
 Scan Stop: 200 MHz
 Detector: Trace 1: MAX PEAK
 Transducer: TDS_01

Start Frequency	Stop Frequency	Step Size	Res BW	Meas Time	RF Atten	Preamp	Input
30.000000 MHz	200.000000 MHz	40.00 kHz	120.00 kHz	50 μ s	Auto	20 dB	INPUT1



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RADIATED SPURIOUS EMISSIONS

Test Data: 30-200MHz Field Strength Table, Vertical Polarity

06.Sep 19 19:33

Test Spec CISPR 22 Radiated Disturbances

Polarity

Vertical

Final Measurement

Meas Time: 1 s

Margin: 25 dB

Subranges: 4

Trace	Frequency	Level (dBµV/m)	Detector	Delta Limit/dB
1	31.800000000 MHz	10.49	Quasi Peak	-29.51
1	52.000000000 MHz	15.81	Quasi Peak	-24.19
1	145.680000000 MHz	15.26	Quasi Peak	-28.24
1	158.720000000 MHz	16.65	Quasi Peak	-26.85

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RADIATED SPURIOUS EMISSIONS

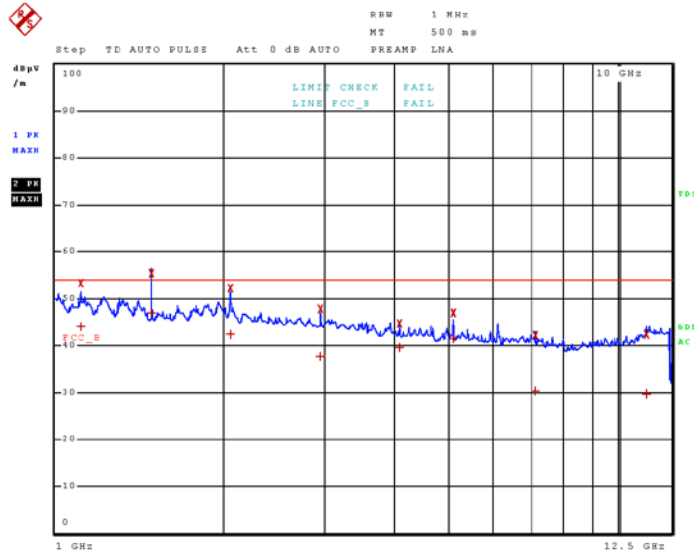
Test Data: 200-1000MHz Field Strength Plot, Horizon Polarity

06.Sep.19 17:04

Time Domain Scan (1 Range)

Scan Start: 1 GHz
 Scan Stop: 12.5 GHz
 Detector: Trace 1: MAX PEAK Trace 2: MAX PEAK
 Transducer: TDS_05

Start Frequency	Stop Frequency	Step Size	Res BW	Meas Time	RF Atten	Preamp	Input
1.000000 GHz	12.500000 GHz	250.00 kHz	1.00 MHz	100 μ s	Auto	35 dB	INPUT1



RADIATED SPURIOUS EMISSIONS

Test Data: 200-1000MHz Field Strength Table, Horizon Polarity

06.Sep 19 17:04

Final Measurement

Meas Time: 500 ms
 Margin: 40 dB
 Subranges: 16

Trace	Frequency	Level (dBµV/m)	Detector	Delta Limit/dB
1	1.110000000 GHz	43.94	CISPR Averag	-10.06
2	1.110000000 GHz	53.29	Max Peak	
1	1.479750000 GHz	46.89	CISPR Averag	-7.11
2	1.479750000 GHz	55.42	Max Peak	
1	2.043000000 GHz	42.28	CISPR Averag	-11.72
2	2.043000000 GHz	52.21	Max Peak	
1	2.959750000 GHz	37.79	CISPR Averag	-16.21
2	2.959750000 GHz	47.86	Max Peak	
1	4.086000000 GHz	39.70	CISPR Averag	-14.30
2	4.086000000 GHz	44.72	Max Peak	
1	5.107500000 GHz	41.46	CISPR Averag	-12.54
2	5.107500000 GHz	46.97	Max Peak	
1	7.150250000 GHz	30.35	CISPR Averag	-23.65
2	7.150250000 GHz	42.06	Max Peak	
1	11.253500000 GHz	29.80	CISPR Averag	-24.20
2	11.253500000 GHz	42.43	Max Peak	

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RADIATED SPURIOUS EMISSIONS

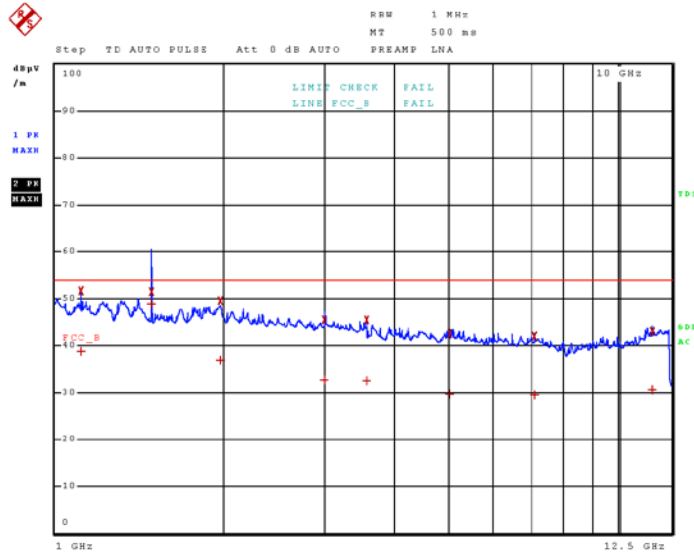
Test Data: 200-1000MHz Field Strength Plot, Vertical Polarity

06.Sep.19 17:01

Time Domain Scan (1 Range)

Scan Start: 1 GHz
 Scan Stop: 12.5 GHz
 Detector: Trace 1: MAX PEAK Trace 2: MAX PEAK
 Transducer: TDS_05

Start Frequency	Stop Frequency	Step Size	Res BW	Meas Time	RF Atten	Preamp	Input
1.000000 GHz	12.500000 GHz	250.00 kHz	1.00 MHz	100 μ s	Auto	35 dB	INPUT1





RADIATED SPURIOUS EMISSIONS

Test Data: 200-1000MHz Field Strength Table, Vertical Polarity

06.Sep 19 17:01

Final Measurement

Meas Time: 500 ms
Margin: 40 dB
Subranges: 16

Trace	Frequency	Level (dBμV/m)	Detector	Delta Limit/dB
1	1.109750000 GHz	38.82	CISPR Averag	-15.18
2	1.109750000 GHz	51.62	Max Peak	
1	1.479750000 GHz	48.81	CISPR Averag	-5.19
2	1.479750000 GHz	51.38	Max Peak	
1	1.964500000 GHz	36.84	CISPR Averag	-17.16
2	1.964500000 GHz	49.46	Max Peak	
1	3.009750000 GHz	32.74	CISPR Averag	-21.26
2	3.009750000 GHz	45.50	Max Peak	
1	3.582750000 GHz	32.54	CISPR Averag	-21.46
2	3.582750000 GHz	45.54	Max Peak	
1	5.025000000 GHz	29.72	CISPR Averag	-24.28
2	5.025000000 GHz	42.54	Max Peak	
1	7.132500000 GHz	29.54	CISPR Averag	-24.46
2	7.132500000 GHz	41.92	Max Peak	
1	11.509250000 GHz	30.51	CISPR Averag	-23.49
2	11.509250000 GHz	43.03	Max Peak	

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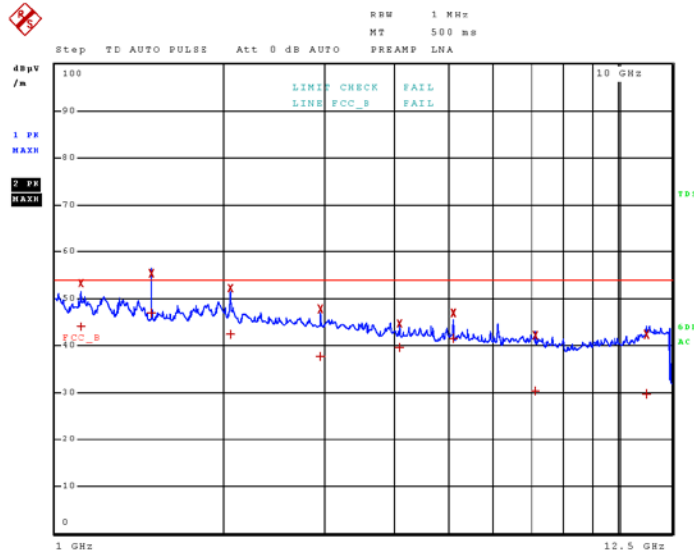
Test Data: 1-12.5GHz Field Strength Plot, Horizon Polarity

06.Sep.19 17:04

Time Domain Scan (1 Range)

Scan Start: 1 GHz
 Scan Stop: 12.5 GHz
 Detector: Trace 1: MAX PEAK Trace 2: MAX PEAK
 Transducer: TDS_05

Start Frequency	Stop Frequency	Step Size	Res BW	Meas Time	RF Atten	Preamp	Input
1.000000 GHz	12.500000 GHz	250.00 kHz	1.00 MHz	100 μ s	Auto	35 dB	INPUT1



RADIATED SPURIOUS EMISSIONS

Test Data: 1-12.5GHz Field Strength Table, Horizon Polarity

06.Sep 19 17:04

Final Measurement

Meas Time: 500 ms
 Margin: 40 dB
 Subranges: 16

Trace	Frequency	Level (dBµV/m)	Detector	Delta Limit/dB
1	1.110000000 GHz	43.94	CISPR Averag	-10.06
2	1.110000000 GHz	53.29	Max Peak	
1	1.479750000 GHz	46.89	CISPR Averag	-7.11
2	1.479750000 GHz	55.42	Max Peak	
1	2.043000000 GHz	42.28	CISPR Averag	-11.72
2	2.043000000 GHz	52.21	Max Peak	
1	2.959750000 GHz	37.79	CISPR Averag	-16.21
2	2.959750000 GHz	47.86	Max Peak	
1	4.086000000 GHz	39.70	CISPR Averag	-14.30
2	4.086000000 GHz	44.72	Max Peak	
1	5.107500000 GHz	41.46	CISPR Averag	-12.54
2	5.107500000 GHz	46.97	Max Peak	
1	7.150250000 GHz	30.35	CISPR Averag	-23.65
2	7.150250000 GHz	42.06	Max Peak	
1	11.253500000 GHz	29.80	CISPR Averag	-24.20
2	11.253500000 GHz	42.43	Max Peak	

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Applicant: UNIDEN AMERICA CORPORATION
 FCC ID: AMWUB367
 IC: 513C-UB367
 Report: 2316UT19TestReport_

RADIATED SPURIOUS EMISSIONS

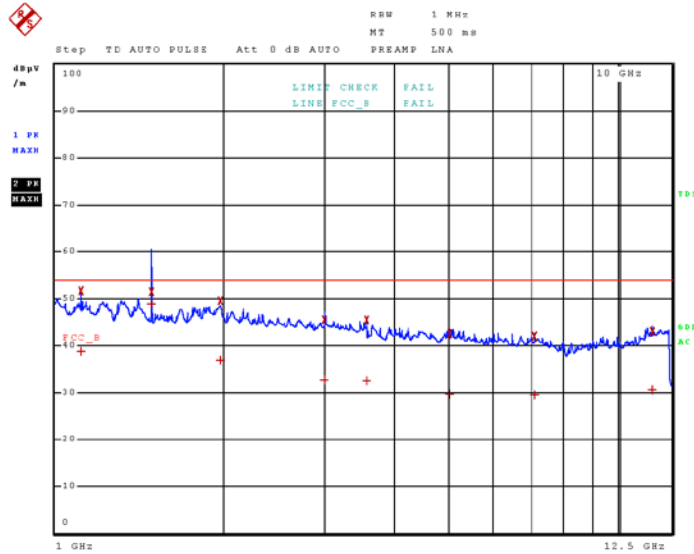
Test Data: 1-12.5GHz Field Strength Plot, Vertical Polarity

06.Sep.19 17:01

Time Domain Scan (1 Range)

Scan Start: 1 GHz
 Scan Stop: 12.5 GHz
 Detector: Trace 1: MAX PEAK Trace 2: MAX PEAK
 Transducer: TDS_05

Start Frequency	Stop Frequency	Step Size	Res BW	Meas Time	RF Atten	Preamp	Input
1.000000 GHz	12.500000 GHz	250.00 kHz	1.00 MHz	100 μ s	Auto	35 dB	INPUT1



RADIATED SPURIOUS EMISSIONS

Test Data: 1-12.5GHz Field Strength Table, Vertical Polarity

06.Sep 19 17:01

Final Measurement

Meas Time: 500 ms
 Margin: 40 dB
 Subranges: 16

Trace	Frequency	Level (dBµV/m)	Detector	Delta Limit/dB
1	1.109750000 GHz	38.82	CISPR Averag	-15.18
2	1.109750000 GHz	51.62	Max Peak	
1	1.479750000 GHz	48.81	CISPR Averag	-5.19
2	1.479750000 GHz	51.38	Max Peak	
1	1.964500000 GHz	36.84	CISPR Averag	-17.16
2	1.964500000 GHz	49.46	Max Peak	
1	3.009750000 GHz	32.74	CISPR Averag	-21.26
2	3.009750000 GHz	45.50	Max Peak	
1	3.582750000 GHz	32.54	CISPR Averag	-21.46
2	3.582750000 GHz	45.54	Max Peak	
1	5.025000000 GHz	29.72	CISPR Averag	-24.28
2	5.025000000 GHz	42.54	Max Peak	
1	7.132500000 GHz	29.54	CISPR Averag	-24.46
2	7.132500000 GHz	41.92	Max Peak	
1	11.509250000 GHz	30.51	CISPR Averag	-23.49
2	11.509250000 GHz	43.03	Max Peak	

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Applicant: UNIDEN AMERICA CORPORATION
 FCC ID: AMWUB367
 IC: 513C-UB367
 Report: 2316UT19TestReport_

RADIATED SPURIOUS EMISSIONS

Scanned 30 MHz to 200 MHz

Test Data: 25 MHz Field Strength Plot, Horizontal Polarity



06.Sep 19 19:58

Test Spec: CISPR 22 Radiated Disturbances

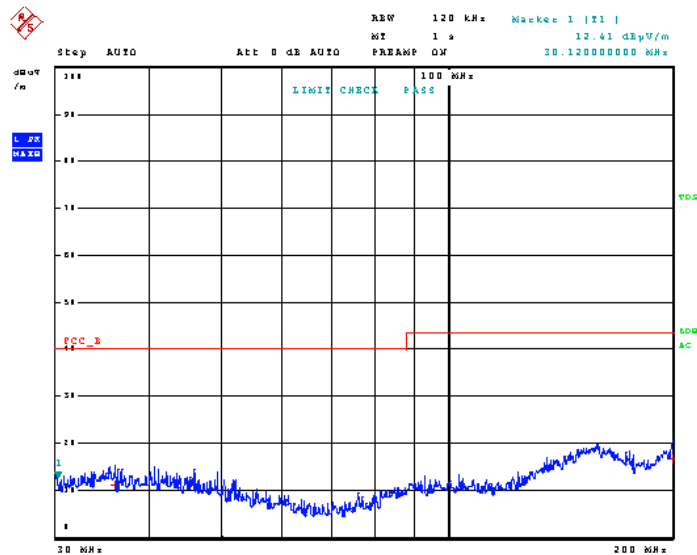
Polarity: Vertical

Vertical

Stepped Scan (1 Range)

Scan Start: 30 MHz
 Scan Stop: 200 MHz
 Detector: Trace 1: MAX PEAK
 Transducer: TDS_01

Start Frequency	Stop Frequency	Step Size	Res BW	Meas Time	RF Atten	Preamp	Input
30.000000 MHz	200.000000 MHz	40.00 kHz	120.00 kHz	50 μ s	Auto	20 dB	INPUT1



Applicant: UNIDEN AMERICA CORPORATION
 FCC ID: AMWUB367
 IC: 513C-UB367
 Report: 2316UT19TestReport_



RADIATED SPURIOUS EMISSIONS

Test Data: 25 MHz Field Strength Table, Horizontal Polarity

06.Sep 19 19:58

Test Spec CISPR 22 Radiated Disturbances

Polarity

Vertical

Final Measurement

Meas Time: 1 s

Margin: 25 dB

Subranges: 2

Trace	Frequency	Level (dBµV/m)	Detector	Delta Limit/dB
1	36.000000000 MHz	10.93	Quasi Peak	-29.07
1	199.920000000 MHz	16.79	Quasi Peak	-26.71

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Applicant: UNIDEN AMERICA CORPORATION
FCC ID: AMWUB367
IC: 513C-UB367
Report: 2316UT19TestReport_

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RADIATED SPURIOUS EMISSIONS

Test Data: 25 MHz Field Strength Plot, Vertical Polarity



06.Sep.19 20:03

Test Spec CISPR 22 Radiated Disturbances

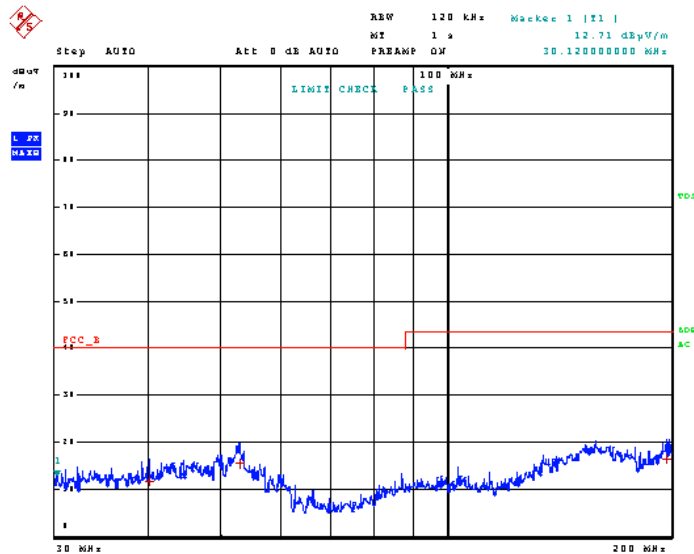
Polarity

Vertical

Stepped Scan (1 Range)

Scan Start: 30 MHz
 Scan Stop: 200 MHz
 Detector: Trace 1: MAX PEAK
 Transducer: TDS_01

Start Frequency	Stop Frequency	Step Size	Res BW	Meas Time	RF Atten	Preamp	Input
30.000000 MHz	200.000000 MHz	40.00 kHz	120.00 kHz	50 μ s	Auto	20 dB	INPUT1





RADIATED SPURIOUS EMISSIONS

Test Data: 25 MHz Field Strength Table, Vertical Polarity

06.Sep 19 20:03

Test Spec CISPR 22 Radiated Disturbances

Polarity

Vertical

Final Measurement

Meas Time: 1 s

Margin: 25 dB

Subranges: 3

Trace	Frequency	Level (dB μ V/m)	Detector	Delta Limit/dB
1	40.04000000 MHz	11.57	Quasi Peak	-28.43
1	52.88000000 MHz	15.51	Quasi Peak	-24.49
1	196.84000000 MHz	16.48	Quasi Peak	-27.02

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Applicant: UNIDEN AMERICA CORPORATION
FCC ID: AMWUB367
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RADIATED SPURIOUS EMISSIONS

Test Data: 54 MHz Field Strength Plot, Horizontal Polarity



06.Sep.19 19:58

Test Spec CISPR 22 Radiated Disturbances

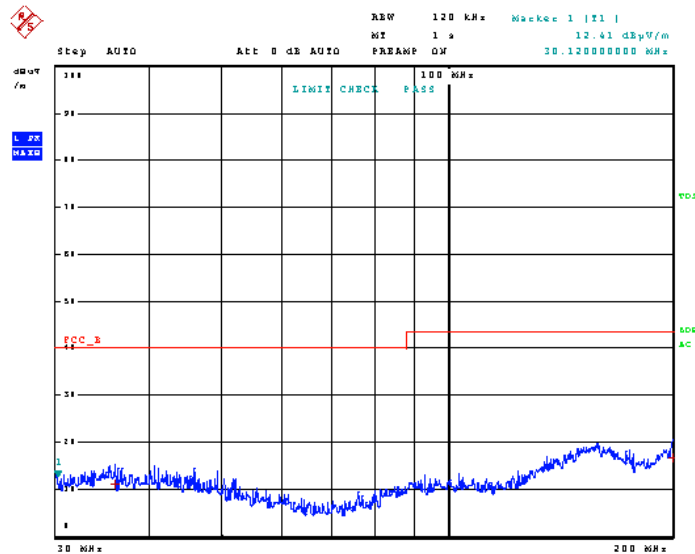
Polarity

Vertical

Stepped Scan (1 Range)

Scan Start: 30 MHz
 Scan Stop: 200 MHz
 Detector: Trace 1: MAX PEAK
 Transducer: TDS_01

Start Frequency	Stop Frequency	Step Size	Res BW	Meas Time	RF Atten	Preamp	Input
30.000000 MHz	200.000000 MHz	40.00 kHz	120.00 kHz	50 μ s	Auto	20 dB	INPUT1





RADIATED SPURIOUS EMISSIONS

Test Data: 54 MHz Field Strength Table, Horizontal Polarity

06.Sep 19 19:58

Test Spec CISPR 22 Radiated Disturbances

Polarity

Vertical

Final Measurement

Meas Time: 1 s

Margin: 25 dB

Subranges: 2

Trace	Frequency	Level (dBµV/m)	Detector	Delta Limit/dB
1	36.00000000 MHz	10.93	Quasi Peak	-29.07
1	199.92000000 MHz	16.79	Quasi Peak	-26.71

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Applicant: UNIDEN AMERICA CORPORATION
FCC ID: AMWUB367
IC: 513C-UB367
Report: 2316UT19TestReport_

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RADIATED SPURIOUS EMISSIONS

Test Data: 54 MHz Field Strength Plot, Vertical Polarity



06.Sep.19 19:58

Test Spec CISPR 22 Radiated Disturbances

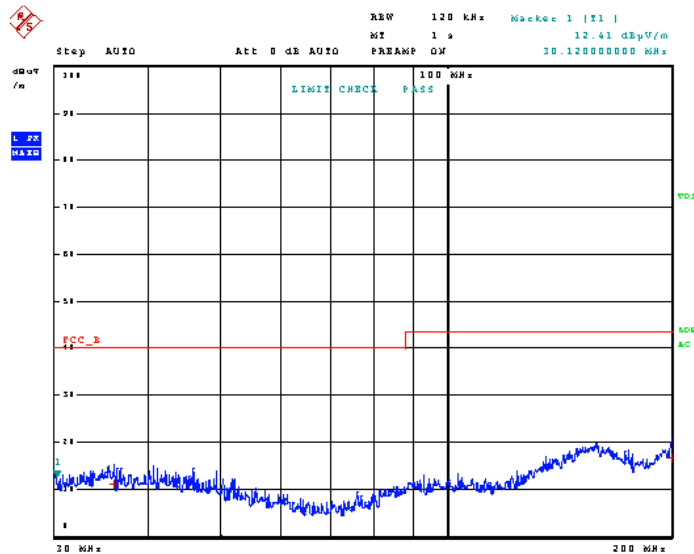
Polarity

Vertical

Stepped Scan (1 Range)

Scan Start: 30 MHz
 Scan Stop: 200 MHz
 Detector: Trace 1: MAX PEAK
 Transducer: TDS_01

Start Frequency	Stop Frequency	Step Size	Res BW	Meas Time	RF Atten	Preamp	Input
30.000000 MHz	200.000000 MHz	40.00 kHz	120.00 kHz	50 μ s	Auto	20 dB	INPUT1





RADIATED SPURIOUS EMISSIONS

Test Data: 54 MHz Field Strength Table, Vertical Polarity

06.Sep 19 19:58

Test Spec CISPR 22 Radiated Disturbances

Polarity

Vertical

Final Measurement

Meas Time: 1 s

Margin: 25 dB

Subranges: 2

Trace	Frequency	Level (dBµV/m)	Detector	Delta Limit/dB
1	36.00000000 MHz	10.93	Quasi Peak	-29.07
1	199.92000000 MHz	16.79	Quasi Peak	-26.71

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Applicant: UNIDEN AMERICA CORPORATION
FCC ID: AMWUB367
IC: 513C-UB367
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RADIATED SPURIOUS EMISSIONS

Test Data: 108 MHz Field Strength Plot, Horizan Polarity



06.Sep 19 19:57

Test Spec CISPR 22 Radiated Disturbances

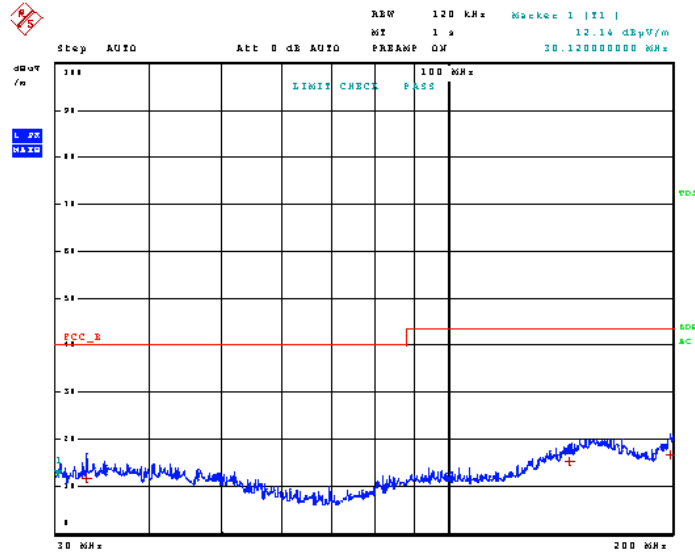
Polarity

Vertical

Stepped Scan (1 Range)

Scan Start: 30 MHz
 Scan Stop: 200 MHz
 Detector: Trace 1: MAX PEAK
 Transducer: TDS_01

Start Frequency	Stop Frequency	Step Size	Res BW	Meas Time	RF Atten	Preamp	Input
30.000000 MHz	200.000000 MHz	40.00 kHz	120.00 kHz	50 μ s	Auto	20 dB	INPUT1



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Applicant: UNIDEN AMERICA CORPORATION
 FCC ID: AMWUB367
 IC: 513C-UB367
 Report: 2316UT19TestReport_



RADIATED SPURIOUS EMISSIONS

Test Data: 108 MHz Field Strength Table, Horizan Polarity

06.Sep 19 19:57

Test Spec CISPR 22 Radiated Disturbances

Polarity

Vertical

Final Measurement

Meas Time: 1 s

Margin: 25 dB

Subranges: 3

Trace	Frequency	Level (dBµV/m)	Detector	Delta Limit/dB
1	32.920000000 MHz	11.57	Quasi Peak	-28.43
1	145.680000000 MHz	15.15	Quasi Peak	-28.35
1	198.880000000 MHz	16.60	Quasi Peak	-26.90

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Applicant: UNIDEN AMERICA CORPORATION
FCC ID: AMWUB367
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RADIATED SPURIOUS EMISSIONS

Test Data: 108 MHz Field Strength Table, Vertical Polarity

06.Sep 19 19:56

Test Spec CISPR 22 Radiated Disturbances

Polarity

Vertical

Final Measurement

Meas Time: 1 s

Margin: 25 dB

Subranges: 4

Trace	Frequency	Level (dBµV/m)	Detector	Delta Limit/dB
1	32.880000000 MHz	11.68	Quasi Peak	-28.32
1	52.960000000 MHz	13.48	Quasi Peak	-26.52
1	145.480000000 MHz	15.14	Quasi Peak	-28.36
1	155.720000000 MHz	16.75	Quasi Peak	-26.75

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Applicant: UNIDEN AMERICA CORPORATION
FCC ID: AMWUB367
IC: 513C-UB367
Report: 2316UT19TestReport_

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RADIATED SPURIOUS EMISSIONS

Test Data: 174 MHz Field Strength Plot, Horizontal Polarity



06.Sep.19 19:53

Test Spec CISPR 22 Radiated Disturbances

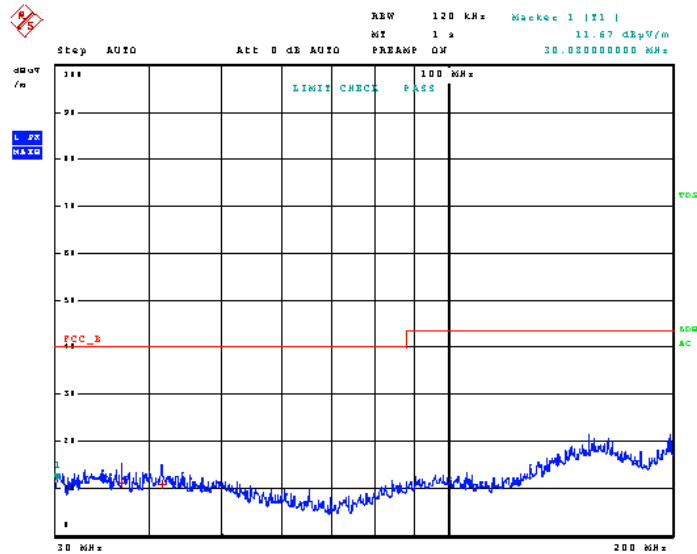
Polarity

Vertical

Stepped Scan (1 Range)

Scan Start: 30 MHz
 Scan Stop: 200 MHz
 Detector: Trace 1: MAX PEAK
 Transducer: TDS_01

Start Frequency	Stop Frequency	Step Size	Res BW	Meas Time	RF Atten	Preamp	Input
30.000000 MHz	200.000000 MHz	40.00 kHz	120.00 kHz	50 μ s	Auto	20 dB	INPUT1



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Applicant: UNIDEN AMERICA CORPORATION
 FCC ID: AMWUB367
 IC: 513C-UB367
 Report: 2316UT19TestReport_



RADIATED SPURIOUS EMISSIONS

Test Data: 174 MHz Field Strength Table, Horizontal Polarity

06.Sep 19 19:53

Test Spec CISPR 22 Radiated Disturbances

Polarity

Vertical

Final Measurement

Meas Time: 1 s

Margin: 25 dB

Subranges: 3

Trace	Frequency	Level (dBµV/m)	Detector	Delta Limit/dB
1	36.68000000 MHz	10.95	Quasi Peak	-29.05
1	41.48000000 MHz	10.74	Quasi Peak	-29.26
1	198.64000000 MHz		Max Peak	

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Applicant: UNIDEN AMERICA CORPORATION
FCC ID: AMWUB367
IC: 513C-UB367
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RADIATED SPURIOUS EMISSIONS

Test Data: 174 MHz Field Strength Plot, Vertical Polarity



06.Sep.19 19:54

Test Spec CISPR 22 Radiated Disturbances

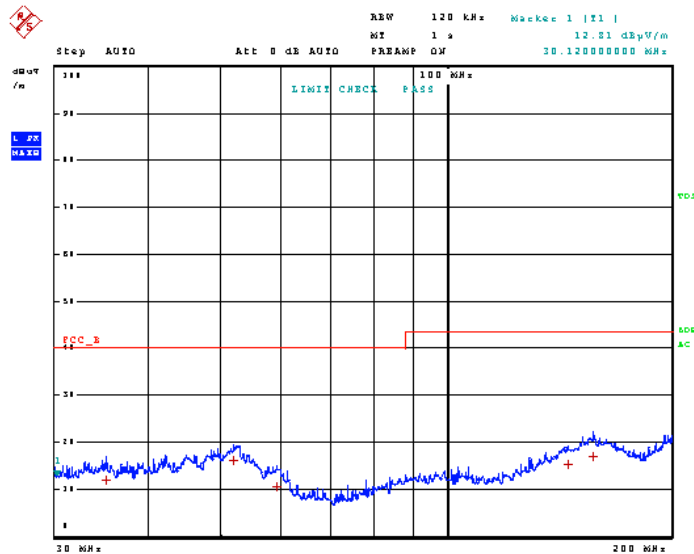
Polarity

Vertical

Stepped Scan (1 Range)

Scan Start: 30 MHz
 Scan Stop: 200 MHz
 Detector: Trace 1: MAX PEAK
 Transducer: TDS_01

Start Frequency	Stop Frequency	Step Size	Res BW	Meas Time	RF Atten	Preamp	Input
30.000000 MHz	200.000000 MHz	40.00 kHz	120.00 kHz	50 μ s	Auto	20 dB	INPUT1





RADIATED SPURIOUS EMISSIONS

Test Data: 174 MHz Field Strength Table, Vertical Polarity

06.Sep 19 19:54

Test Spec CISPR 22 Radiated Disturbances

Polarity

Vertical

Final Measurement

Meas Time: 1 s
Margin: 25 dB
Subranges: 5

Trace	Frequency	Level (dB μ V/m)	Detector	Delta Limit/dB
1	35.12000000 MHz	11.86	Quasi Peak	-28.14
1	51.92000000 MHz	16.11	Quasi Peak	-23.89
1	59.28000000 MHz	10.63	Quasi Peak	-29.37
1	145.40000000 MHz	15.17	Quasi Peak	-28.33
1	157.08000000 MHz	16.82	Quasi Peak	-26.68

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Applicant: UNIDEN AMERICA CORPORATION
FCC ID: AMWUB367
IC: 513C-UB367
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RADIATED SPURIOUS EMISSIONS

Test Data: 406 MHz Field Strength Table, Horizontal Polarity

06.Sep 19 19:51

Test Spec CISPR 22 Radiated Disturbances

Polarity

Vertical

Final Measurement

Meas Time: 1 s
Margin: 25 dB
Subranges: 4

Trace	Frequency	Level (dB μ V/m)	Detector	Delta Limit/dB
1	36.76000000 MHz	11.05	Quasi Peak	-28.95
1	46.20000000 MHz	9.63	Quasi Peak	-30.37
1	143.32000000 MHz	14.52	Quasi Peak	-28.98
1	153.00000000 MHz	16.22	Quasi Peak	-27.28

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Applicant: UNIDEN AMERICA CORPORATION
FCC ID: AMWUB367
IC: 513C-UB367
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RADIATED SPURIOUS EMISSIONS

Test Data: 406 MHz Field Strength Plot, Vertical Polarity



06.Sep.19 19:49

Test Spec CISPR 22 Radiated Disturbances

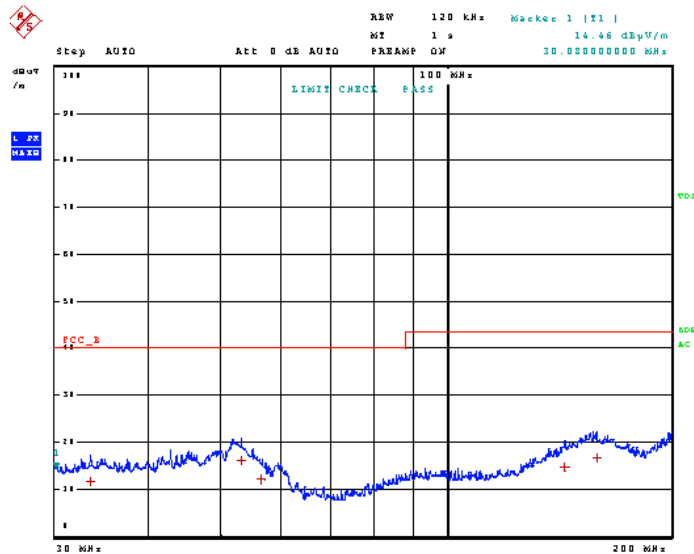
Polarity

Vertical

Stepped Scan (1 Range)

Scan Start: 30 MHz
 Scan Stop: 200 MHz
 Detector: Trace 1: MAX PEAK
 Transducer: TDS_01

Start Frequency	Stop Frequency	Step Size	Res BW	Meas Time	RF Atten	Preamp	Input
30.000000 MHz	200.000000 MHz	40.00 kHz	120.00 kHz	50 μ s	Auto	20 dB	INPUT1





RADIATED SPURIOUS EMISSIONS

Test Data: 406 MHz Field Strength Table, Vertical Polarity

06.Sep 19 19:49

Test Spec CISPR 22 Radiated Disturbances

Polarity

Vertical

Final Measurement

Meas Time: 1 s
Margin: 25 dB
Subranges: 5

Trace	Frequency	Level (dB μ V/m)	Detector	Delta Limit/dB
1	33.44000000 MHz	11.71	Quasi Peak	-28.29
1	53.16000000 MHz	16.05	Quasi Peak	-23.95
1	56.48000000 MHz	12.03	Quasi Peak	-27.97
1	143.80000000 MHz	14.77	Quasi Peak	-28.73
1	158.48000000 MHz	16.74	Quasi Peak	-26.76

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Applicant: UNIDEN AMERICA CORPORATION
FCC ID: AMWUB367
IC: 513C-UB367
Report: 2316UT19TestReport_

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RADIATED SPURIOUS EMISSIONS

Test Data: 512 MHz Field Strength Plot, Horizontal Polarity



06.Sep.19 19:46

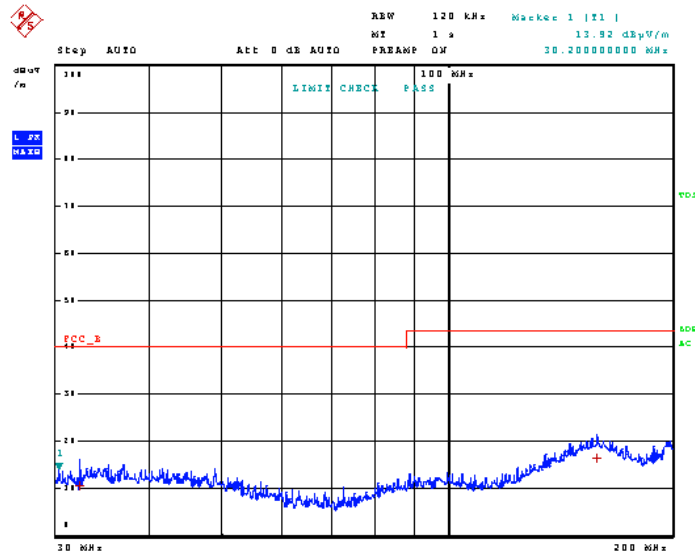
Test Spec CISPR 22 Radiated Disturbances

Polarity
Vertical

Stepped Scan (1 Range)

Scan Start: 30 MHz
Scan Stop: 200 MHz
Detector: Trace 1: MAX PEAK
Transducer: TDS_01

Start Frequency	Stop Frequency	Step Size	Res BW	Meas Time	RF Atten	Preamp	Input
30.000000 MHz	200.000000 MHz	40.00 kHz	120.00 kHz	50 μ s	Auto	20 dB	INPUT1





RADIATED SPURIOUS EMISSIONS

Test Data: 512 MHz Field Strength Table, Horizontal Polarity

06.Sep 19 19:46

Test Spec CISPR 22 Radiated Disturbances

Polarity

Vertical

Final Measurement

Meas Time: 1 s

Margin: 25 dB

Subranges: 2

Trace	Frequency	Level (dBµV/m)	Detector	Delta Limit/dB
1	32.24000000 MHz	10.62	Quasi Peak	-29.38
1	158.12000000 MHz	16.59	Quasi Peak	-26.91

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Applicant: UNIDEN AMERICA CORPORATION
FCC ID: AMWUB367
IC: 513C-UB367
Report: 2316UT19TestReport_

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RADIATED SPURIOUS EMISSIONS

Test Data: 512 MHz Field Strength Plot, Vertical Polarity



06.Sep.19 19:48

Test Spec CISPR 22 Radiated Disturbances

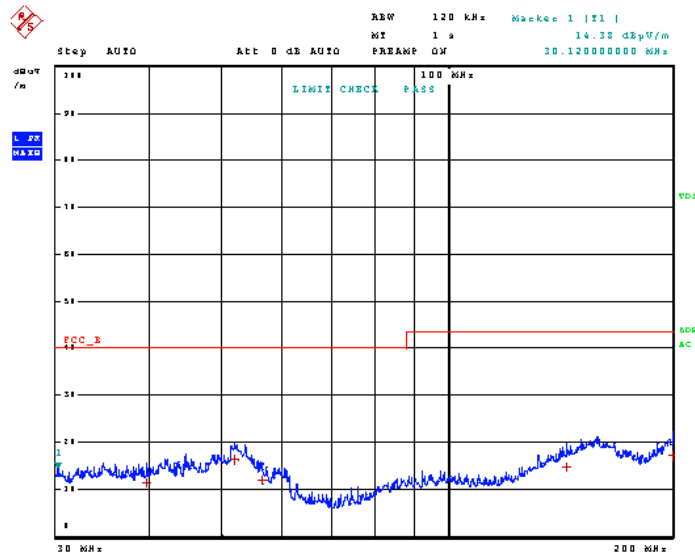
Polarity

Vertical

Stepped Scan (1 Range)

Scan Start: 30 MHz
 Scan Stop: 200 MHz
 Detector: Trace 1: MAX PEAK
 Transducer: TDS_01

Start Frequency	Stop Frequency	Step Size	Res BW	Meas Time	RF Atten	Preamp	Input
30.000000 MHz	200.000000 MHz	40.00 kHz	120.00 kHz	50 μ s	Auto	20 dB	INPUT1



Applicant: UNIDEN AMERICA CORPORATION
 FCC ID: AMWUB367
 IC: 513C-UB367
 Report: 2316UT19TestReport_



RADIATED SPURIOUS EMISSIONS

Test Data: 512 MHz Field Strength Table, Vertical Polarity

06.Sep 19 19:48

Test Spec CISPR 22 Radiated Disturbances

Polarity

Vertical

Final Measurement

Meas Time: 1 s
Margin: 25 dB
Subranges: 5

Trace	Frequency	Level (dB μ V/m)	Detector	Delta Limit/dB
1	39.48000000 MHz	11.41	Quasi Peak	-28.59
1	51.80000000 MHz	16.29	Quasi Peak	-23.71
1	56.52000000 MHz	11.87	Quasi Peak	-28.13
1	144.56000000 MHz	14.90	Quasi Peak	-28.60
1	199.88000000 MHz	17.15	Quasi Peak	-26.35

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Applicant: UNIDEN AMERICA CORPORATION
FCC ID: AMWUB367
IC: 513C-UB367
Report: 2316UT19TestReport_

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RADIATED SPURIOUS EMISSIONS

Test Data: 806 MHz Field Strength Plot, Horizontal Polarity



06.Sep.19 19:43

Test Spec CISPR 22 Radiated Disturbances

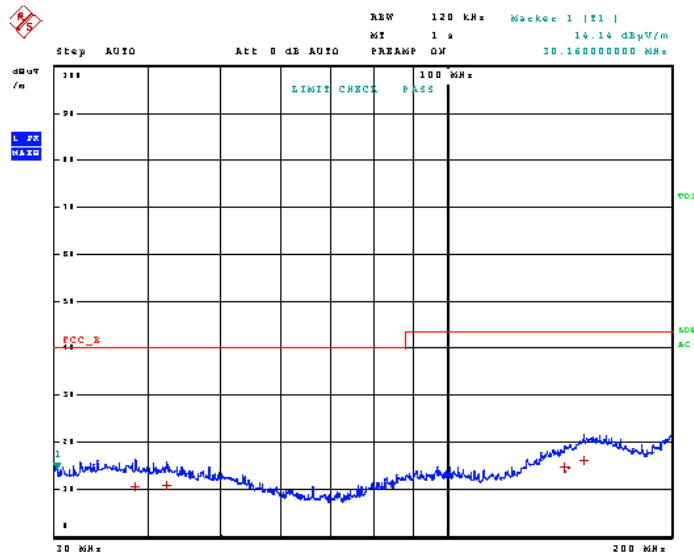
Polarity

Vertical

Stepped Scan (1 Range)

Scan Start: 30 MHz
 Scan Stop: 200 MHz
 Detector: Trace 1: MAX PEAK
 Transducer: TDS_01

Start Frequency	Stop Frequency	Step Size	Res BW	Meas Time	RF Atten	Preamp	Input
30.000000 MHz	200.000000 MHz	40.00 kHz	120.00 kHz	50 μ s	Auto	20 dB	INPUT1



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Applicant: UNIDEN AMERICA CORPORATION
 FCC ID: AMWUB367
 IC: 513C-UB367
 Report: 2316UT19TestReport_

RADIATED SPURIOUS EMISSIONS

Test Data: 806 MHz Field Strength Table, Horizontal Polarity

06.Sep 19 19:43

Test Spec CISPR 22 Radiated Disturbances
 Polarity Vertical

Final Measurement

Meas Time: 1 s
 Margin: 25 dB
 Subranges: 4

Trace	Frequency	Level (dBµV/m)	Detector	Delta Limit/dB
1	38.320000000 MHz	10.68	Quasi Peak	-29.32
1	42.200000000 MHz	10.80	Quasi Peak	-29.20
1	143.840000000 MHz	14.69	Quasi Peak	-28.81
1	152.560000000 MHz	16.14	Quasi Peak	-27.36

RADIATED SPURIOUS EMISSIONS

Test Data: 806 MHz Field Strength Plot, Vertical Polarity



06.Sep.19 19:40

Test Spec CISPR 22 Radiated Disturbances

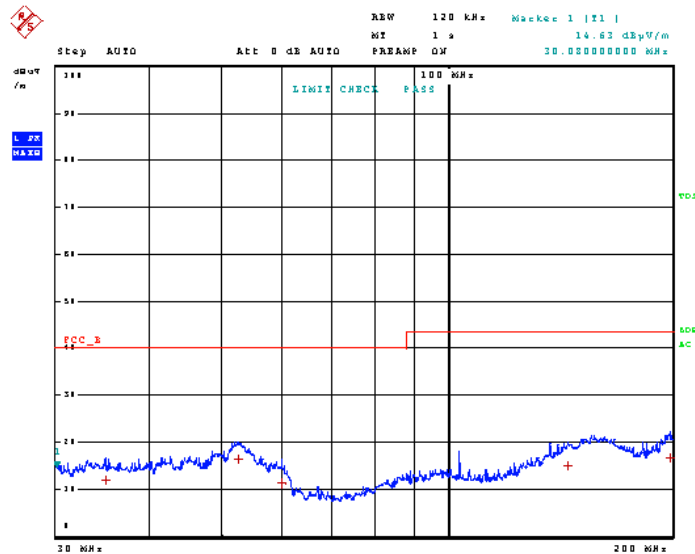
Polarity

Vertical

Stepped Scan (1 Range)

Scan Start: 30 MHz
 Scan Stop: 200 MHz
 Detector: Trace 1: MAX PEAK
 Transducer: TDS_01

Start Frequency	Stop Frequency	Step Size	Res BW	Meas Time	RF Atten	Preamp	Input
30.000000 MHz	200.000000 MHz	40.00 kHz	120.00 kHz	50 μ s	Auto	20 dB	INPUT1





RADIATED SPURIOUS EMISSIONS

Test Data: 806 MHz Field Strength Table, Vertical Polarity

06.Sep 19 19:40

Test Spec CISPR 22 Radiated Disturbances

Polarity

Vertical

Final Measurement

Meas Time: 1 s
Margin: 25 dB
Subranges: 5

Trace	Frequency	Level (dBµV/m)	Detector	Delta Limit/dB
1	34.92000000 MHz	11.95	Quasi Peak	-28.05
1	52.52000000 MHz	16.57	Quasi Peak	-23.43
1	59.96000000 MHz	11.14	Quasi Peak	-28.86
1	144.68000000 MHz	14.92	Quasi Peak	-28.58
1	198.52000000 MHz	16.75	Quasi Peak	-26.75

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Applicant: UNIDEN AMERICA CORPORATION
FCC ID: AMWUB367
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Report: 2316UT19TestReport_

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RADIATED SPURIOUS EMISSIONS

Test Data: 956 MHz Field Strength Plot, Horizan Polarity



06.Sep 19 19:37

Test Spec CISPR 22 Radiated Disturbances

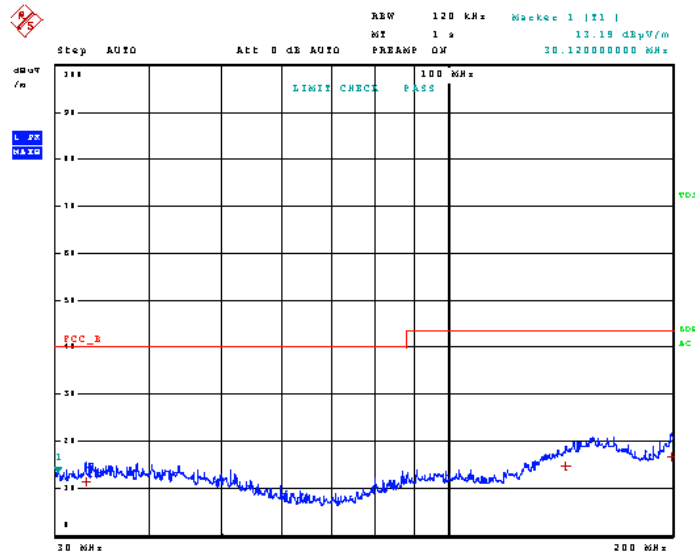
Polarity

Vertical

Stepped Scan (1 Range)

Scan Start: 30 MHz
 Scan Stop: 200 MHz
 Detector: Trace 1: MAX PEAK
 Transducer: TDS_01

Start Frequency	Stop Frequency	Step Size	Res BW	Meas Time	RF Atten	Preamp	Input
30.000000 MHz	200.000000 MHz	40.00 kHz	120.00 kHz	50 μ s	Auto	20 dB	INPUT1



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Applicant: UNIDEN AMERICA CORPORATION
 FCC ID: AMWUB367
 IC: 513C-UB367
 Report: 2316UT19TestReport_



RADIATED SPURIOUS EMISSIONS

Test Data: 956 MHz Field Strength Table, Horizan Polarity

06.Sep 19 19:37

Test Spec CISPR 22 Radiated Disturbances

Polarity

Vertical

Final Measurement

Meas Time: 1 s

Margin: 25 dB

Subranges: 3

Trace	Frequency	Level (dBµV/m)	Detector	Delta Limit/dB
1	32.84000000 MHz	11.45	Quasi Peak	-28.55
1	144.08000000 MHz	14.72	Quasi Peak	-28.78
1	199.28000000 MHz	16.61	Quasi Peak	-26.89

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Applicant: UNIDEN AMERICA CORPORATION
FCC ID: AMWUB367
IC: 513C-UB367
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RADIATED SPURIOUS EMISSIONS

Test Data: 956 MHz Field Strength Plot, Vertical Polarity



06.Sep 19 19:39

Test Spec CISPR 22 Radiated Disturbances

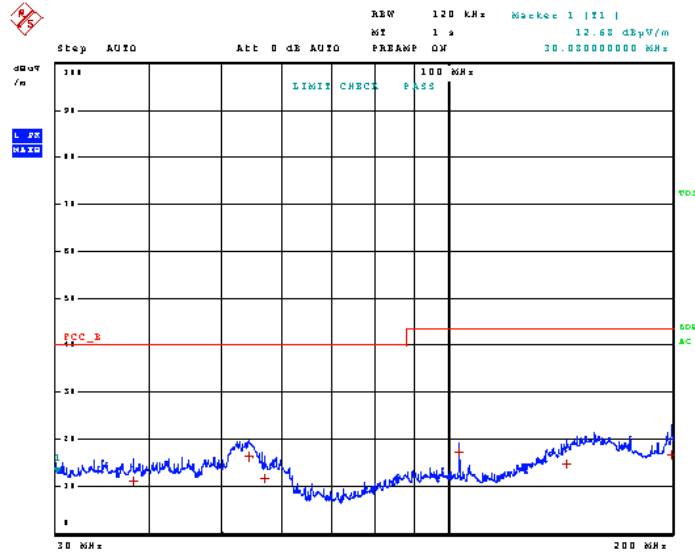
Polarity

Vertical

Stepped Scan (1 Range)

Scan Start: 30 MHz
 Scan Stop: 200 MHz
 Detector: Trace 1: MAX PEAK
 Transducer: TDS_01

Start Frequency	Stop Frequency	Step Size	Res BW	Meas Time	RF Atten	Preamp	Input
30.000000 MHz	200.000000 MHz	40.00 kHz	120.00 kHz	50 μ s	Auto	20 dB	INPUT1



Page 1 of 2

Applicant: UNIDEN AMERICA CORPORATION
 FCC ID: AMWUB367
 IC: 513C-UB367
 Report: 2316UT19TestReport_



RADIATED SPURIOUS EMISSIONS

Test Data: 956 MHz Field Strength Table, Vertical Polarity

06.Sep 19 19:39

Test Spec CISPR 22 Radiated Disturbances

Polarity

Vertical

Final Measurement

Meas Time: 1 s
Margin: 25 dB
Subranges: 6

Trace	Frequency	Level (dBµV/m)	Detector	Delta Limit/dB
1	38.00000000 MHz	10.99	Quasi Peak	-29.01
1	54.16000000 MHz	16.29	Quasi Peak	-23.71
1	56.92000000 MHz	11.58	Quasi Peak	-28.42
1	103.72000000 MHz	17.43	Quasi Peak	-26.07
1	144.36000000 MHz	14.90	Quasi Peak	-28.60
1	199.44000000 MHz	16.60	Quasi Peak	-26.90

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Applicant: UNIDEN AMERICA CORPORATION
FCC ID: AMWUB367
IC: 513C-UB367
Report: 2316UT19TestReport_

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RADIATED SPURIOUS EMISSIONS

Scanned 200 MHz to 1 GHz

Test Data: 25 MHz Field Strength Plot, Horizontal Polarity



06.Sep.19 18:59

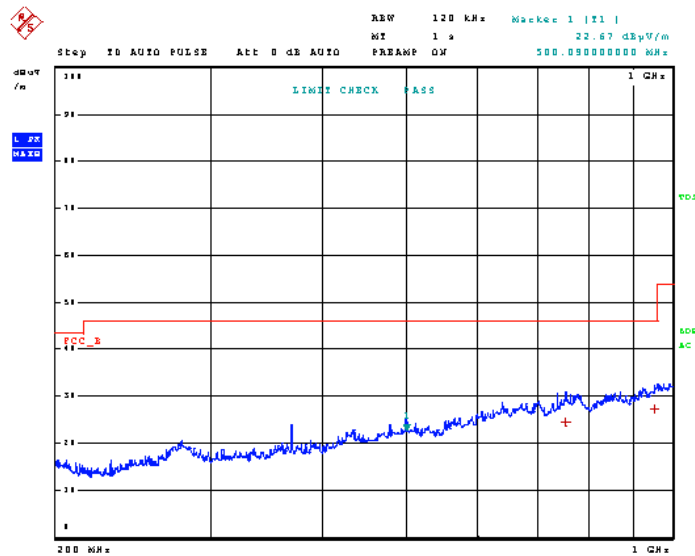
Test Spec CISPR 22 Radiated Disturbances

Polarity
Horizontal

Time Domain Scan (1 Range)

Scan Start: 200 MHz
Scan Stop: 1 GHz
Detector: Trace 1: MAX PEAK
Transducer: TDS_01

Start Frequency	Stop Frequency	Step Size	Res BW	Meas Time	RF Atten	Preamp	Input
200.000000 MHz	1.000000 GHz	30.00 kHz	120.00 kHz	50 μ s	Auto	20 dB	INPUT1





RADIATED SPURIOUS EMISSIONS

Test Data: 25 MHz Field Strength Table, Horizontal Polarity

06.Sep 19 18:50

Test Spec CISPR 22 Radiated Disturbances

Polarity
Horizontal

Final Measurement

Meas Time: 1 s
Margin: 20 dB
Subranges: 2

Trace	Frequency	Level (dBµV/m)	Detector	Delta Limit/dB
1	758.36000000 MHz	24.40	Quasi Peak	-21.60
1	951.92000000 MHz	26.71	Quasi Peak	-19.29

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Applicant: UNIDEN AMERICA CORPORATION
FCC ID: AMWUB367
IC: 513C-UB367
Report: 2316UT19TestReport_

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RADIATED SPURIOUS EMISSIONS

Test Data: 25 MHz Field Strength Plot, Vertical Polarity



06.Sep.19 18:51

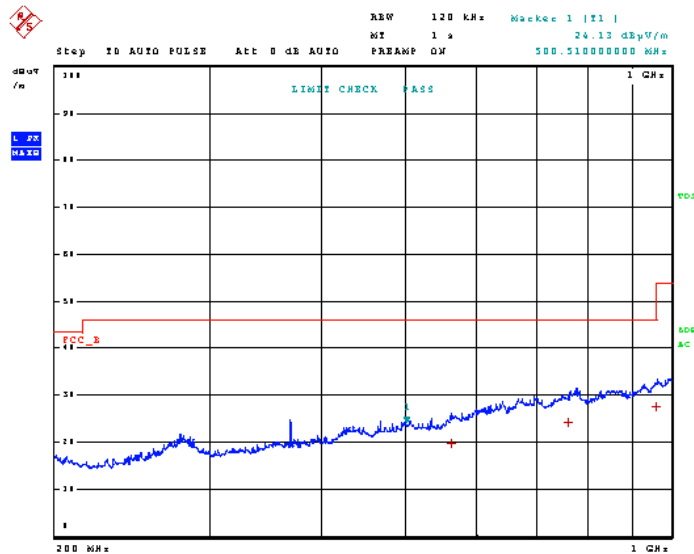
Test Spec CISPR 22 Radiated Disturbances

Polarity
Horizontal

Time Domain Scan (1 Range)

Scan Start: 200 MHz
Scan Stop: 1 GHz
Detector: Trace 1: MAX PEAK
Transducer: TDS_01

Start Frequency	Stop Frequency	Step Size	Res BW	Meas Time	RF Atten	Preamp	Input
200.000000 MHz	1.000000 GHz	30.00 kHz	120.00 kHz	50 μ s	Auto	20 dB	INPUT1



Page 1 of 2

Applicant: UNIDEN AMERICA CORPORATION
FCC ID: AMWUB367
IC: 513C-UB367
Report: 2316UT19TestReport_



RADIATED SPURIOUS EMISSIONS

Test Data: 25 MHz Field Strength Table, Vertical Polarity

06.Sep 19 18:51

Test Spec CISPR 22 Radiated Disturbances

Polarity
Horizontal

Final Measurement

Meas Time: 1 s
Margin: 20 dB
Subranges: 3

Trace	Frequency	Level (dBµV/m)	Detector	Delta Limit/dB
1	561.92000000 MHz	19.71	Quasi Peak	-26.29
1	762.05000000 MHz	24.30	Quasi Peak	-21.70
1	958.97000000 MHz	27.55	Quasi Peak	-18.45

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Applicant: UNIDEN AMERICA CORPORATION
FCC ID: AMWUB367
IC: 513C-UB367
Report: 2316UT19TestReport_

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RADIATED SPURIOUS EMISSIONS

Test Data: 54 MHz Field Strength Plot, Horizontal Polarity



06.Sep.19 18:59

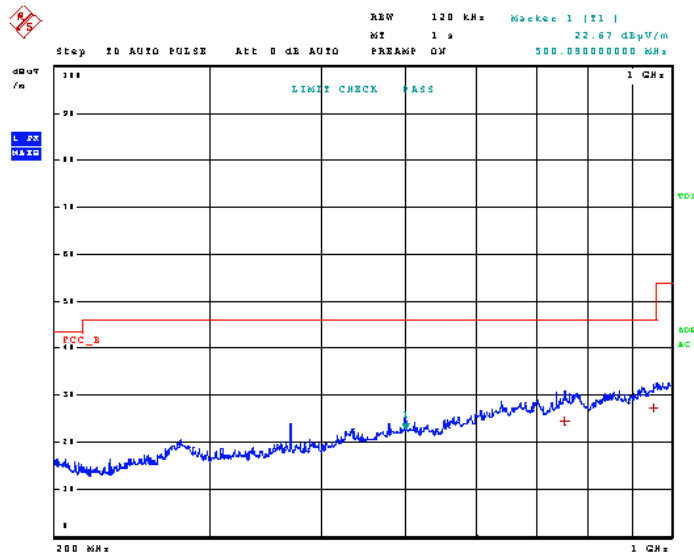
Test Spec CISPR 22 Radiated Disturbances

Polarity
Horizontal

Time Domain Scan (1 Range)

Scan Start: 200 MHz
Scan Stop: 1 GHz
Detector: Trace 1: MAX PEAK
Transducer: TDS_01

Start Frequency	Stop Frequency	Step Size	Res BW	Meas Time	RF Atten	Preamp	Input
200.000000 MHz	1.000000 GHz	30.00 kHz	120.00 kHz	50 μ s	Auto	20 dB	INPUT1





RADIATED SPURIOUS EMISSIONS

Test Data: 54 MHz Field Strength Table, Horizontal Polarity

06.Sep 19 18:59

Test Spec CISPR 22 Radiated Disturbances

Polarity
Horizontal

Final Measurement

Meas Time: 1 s
Margin: 20 dB
Subranges: 2

Trace	Frequency	Level (dBµV/m)	Detector	Delta Limit/dB
1	757.55000000 MHz	24.39	Quasi Peak	-21.61
1	955.64000000 MHz	27.24	Quasi Peak	-18.76

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Applicant: UNIDEN AMERICA CORPORATION
FCC ID: AMWUB367
IC: 513C-UB367
Report: 2316UT19TestReport_

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RADIATED SPURIOUS EMISSIONS

Test Data: 54 MHz Field Strength Plot, Vertical Polarity



06.Sep.19 18:59

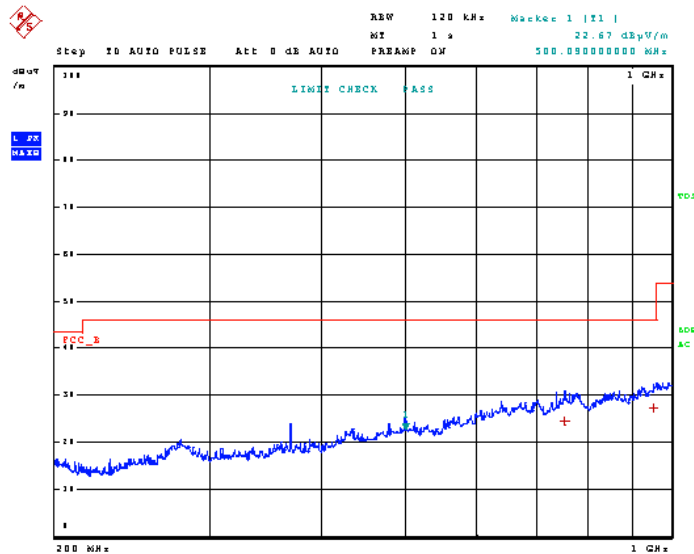
Test Spec CISPR 22 Radiated Disturbances

Polarity
Horizontal

Time Domain Scan (1 Range)

Scan Start: 200 MHz
Scan Stop: 1 GHz
Detector: Trace 1: MAX PEAK
Transducer: TDS_01

Start Frequency	Stop Frequency	Step Size	Res BW	Meas Time	RF Atten	Preamp	Input
200.000000 MHz	1.000000 GHz	30.00 kHz	120.00 kHz	50 μ s	Auto	20 dB	INPUT1



Applicant: UNIDEN AMERICA CORPORATION
FCC ID: AMWUB367
IC: 513C-UB367
Report: 2316UT19TestReport_



RADIATED SPURIOUS EMISSIONS

Test Data: 54 MHz Field Strength Table, Vertical Polarity

06.Sep 19 18:59

Test Spec CISPR 22 Radiated Disturbances

Polarity
Horizontal

Final Measurement

Meas Time: 1 s
Margin: 20 dB
Subranges: 2

Trace	Frequency	Level (dBµV/m)	Detector	Delta Limit/dB
1	757.55000000 MHz	24.39	Quasi Peak	-21.61
1	955.64000000 MHz	27.24	Quasi Peak	-18.76

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Applicant: UNIDEN AMERICA CORPORATION
FCC ID: AMWUB367
IC: 513C-UB367
Report: 2316UT19TestReport_

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RADIATED SPURIOUS EMISSIONS

Test Data: 108 MHz Field Strength Plot, Horizan Polarity



06.Sep 19 19:09

Test Spec CISPR 22 Radiated Disturbances

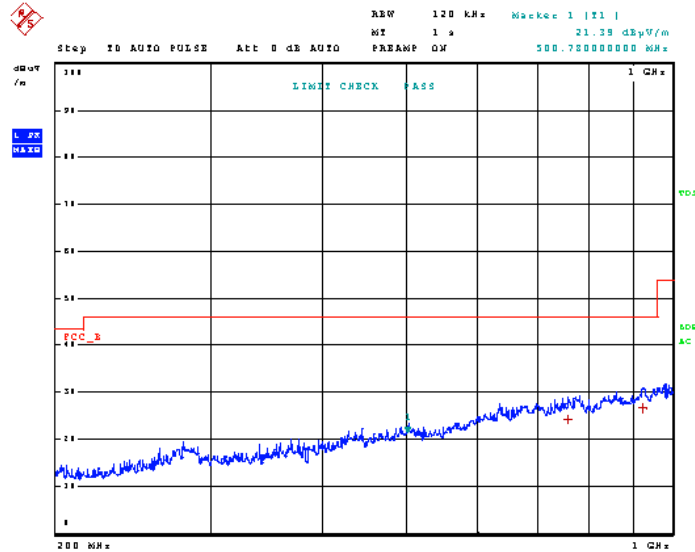
Polarity

Horizontal

Time Domain Scan (1 Range)

Scan Start: 200 MHz
 Scan Stop: 1 GHz
 Detector: Trace 1: MAX PEAK
 Transducer: TDS_01

Start Frequency	Stop Frequency	Step Size	Res BW	Meas Time	RF Atten	Preamp	Input
200.000000 MHz	1.000000 GHz	30.00 kHz	120.00 kHz	50 µs	Auto	20 dB	INPUT1



Page 1 of 2

Applicant: UNIDEN AMERICA CORPORATION
 FCC ID: AMWUB367
 IC: 513C-UB367
 Report: 2316UT19TestReport_



RADIATED SPURIOUS EMISSIONS

Test Data: 108 MHz Field Strength Table, Horizan Polarity

06.Sep 19 19:09

Test Spec CISPR 22 Radiated Disturbances

Polarity
Horizontal

Final Measurement

Meas Time: 1 s
Margin: 20 dB
Subranges: 2

Trace	Frequency	Level (dBµV/m)	Detector	Delta Limit/dB
1	760.19000000 MHz	24.32	Quasi Peak	-21.68
1	926.12000000 MHz	26.53	Quasi Peak	-19.47

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Applicant: UNIDEN AMERICA CORPORATION
FCC ID: AMWUB367
IC: 513C-UB367
Report: 2316UT19TestReport_

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RADIATED SPURIOUS EMISSIONS

Test Data: 108 MHz Field Strength Plot, Vertical Polarity



06.Sep.19.19:10

Test Spec CISPR 22 Radiated Disturbances

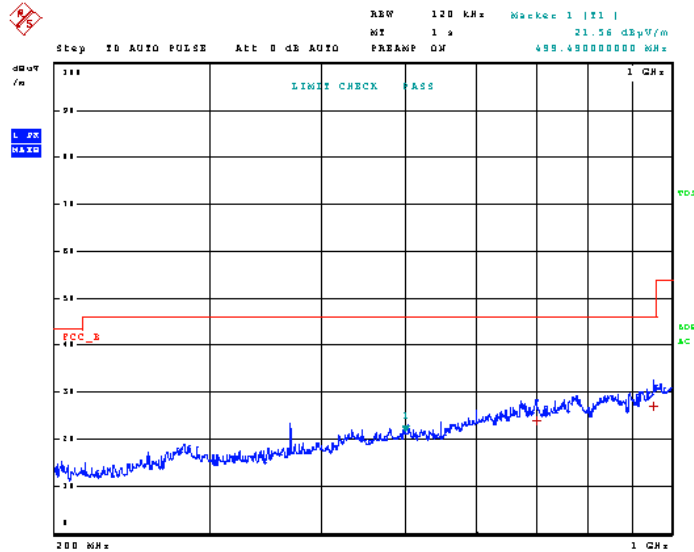
Polarity

Horizontal

Time Domain Scan (1 Range)

Scan Start: 200 MHz
 Scan Stop: 1 GHz
 Detector: Trace 1: MAX PEAK
 Transducer: TDS_01

Start Frequency	Stop Frequency	Step Size	Res BW	Meas Time	RF Atten	Preamp	Input
200.000000 MHz	1.000000 GHz	30.00 kHz	120.00 kHz	50 μ s	Auto	20 dB	INPUT1



Applicant: UNIDEN AMERICA CORPORATION
 FCC ID: AMWUB367
 IC: 513C-UB367
 Report: 2316UT19TestReport_



RADIATED SPURIOUS EMISSIONS

Test Data: 108 MHz Field Strength Table, Vertical Polarity

06.Sep 19 19:10

Test Spec CISPR 22 Radiated Disturbances

Polarity
Horizontal

Final Measurement

Meas Time: 1 s
Margin: 20 dB
Subranges: 2

Trace	Frequency	Level (dBµV/m)	Detector	Delta Limit/dB
1	703.190000000 MHz	23.88	Quasi Peak	-22.12
1	953.690000000 MHz	26.96	Quasi Peak	-19.04

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Applicant: UNIDEN AMERICA CORPORATION
FCC ID: AMWUB367
IC: 513C-UB367
Report: 2316UT19TestReport_

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RADIATED SPURIOUS EMISSIONS

Test Data: 174 MHz Field Strength Plot, Horizontal Polarity



06.Sep 19 19:12

Test Spec CISPR 22 Radiated Disturbances

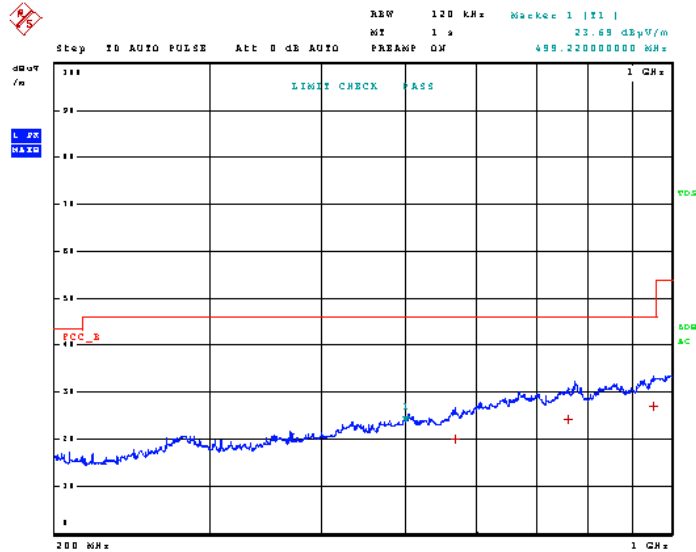
Polarity

Horizontal

Time Domain Scan (1 Range)

Scan Start: 200 MHz
 Scan Stop: 1 GHz
 Detector: Trace 1: MAX PEAK
 Transducer: TDS_01

Start Frequency	Stop Frequency	Step Size	Res BW	Meas Time	RF Atten	Preamp	Input
200.000000 MHz	1.000000 GHz	30.00 kHz	120.00 kHz	50 μ s	Auto	20 dB	INPUT1



Page 1 of 2

Applicant: UNIDEN AMERICA CORPORATION
 FCC ID: AMWUB367
 IC: 513C-UB367
 Report: 2316UT19TestReport_



RADIATED SPURIOUS EMISSIONS

Test Data: 174 MHz Field Strength Table, Horizontal Polarity

06.Sep.19 19:12

Test Spec CISPR 22 Radiated Disturbances

Polarity
Horizontal

Final Measurement

Meas Time: 1 s
Margin: 20 dB
Subranges: 3

Trace	Frequency	Level (dBµV/m)	Detector	Delta Limit/dB
1	568.43000000 MHz	20.05	Quasi Peak	-25.95
1	763.70000000 MHz	24.29	Quasi Peak	-21.71
1	953.96000000 MHz	27.03	Quasi Peak	-18.97

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Applicant: UNIDEN AMERICA CORPORATION
FCC ID: AMWUB367
IC: 513C-UB367
Report: 2316UT19TestReport_

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RADIATED SPURIOUS EMISSIONS

Test Data: 174 MHz Field Strength Plot, Vertical Polarity



06.Sep.19 19:11

Test Spec CISPR 22 Radiated Disturbances

Polarity
Horizontal

Time Domain Scan (1 Range)

Scan Start: 200 MHz
Scan Stop: 1 GHz
Detector: Trace 1: MAX PEAK
Transducer: TDS_01

Start Frequency	Stop Frequency	Step Size	Res BW	Meas Time	RF Atten	Preamp	Input
200.000000 MHz	1.000000 GHz	30.00 kHz	120.00 kHz	50 μ s	Auto	20 dB	INPUT1



Page 1 of 2

Applicant: UNIDEN AMERICA CORPORATION
FCC ID: AMWUB367
IC: 513C-UB367
Report: 2316UT19TestReport_



RADIATED SPURIOUS EMISSIONS

Test Data: 174 MHz Field Strength Table, Vertical Polarity

06.Sep 19 19:11

Test Spec CISPR 22 Radiated Disturbances

Polarity
Horizontal

Final Measurement

Meas Time: 1 s
Margin: 20 dB
Subranges: 2

Trace	Frequency	Level (dB μ V/m)	Detector	Delta Limit/dB
1	759.98000000 MHz	24.32	Quasi Peak	-21.68
1	850.67000000 MHz	25.40	Quasi Peak	-20.60

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Applicant: UNIDEN AMERICA CORPORATION
FCC ID: AMWUB367
IC: 513C-UB367
Report: 2316UT19TestReport_

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RADIATED SPURIOUS EMISSIONS

Test Data: 406 MHz Field Strength Plot, Horizontal Polarity



06.Sep.19 19:18

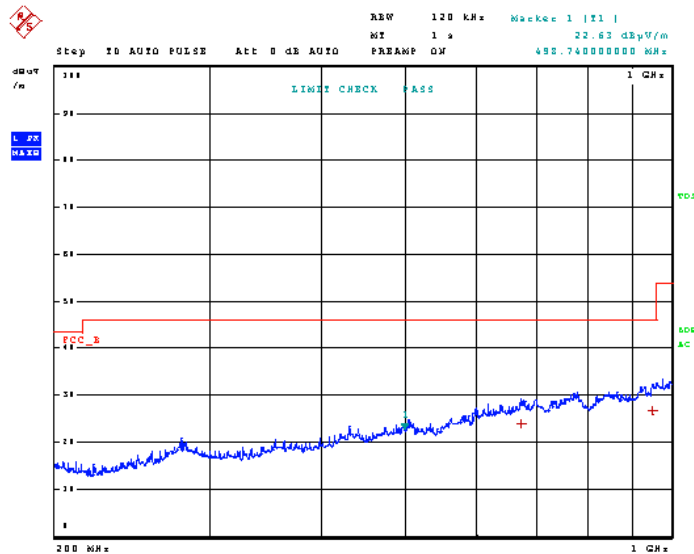
Test Spec CISPR 22 Radiated Disturbances

Polarity
Horizontal

Time Domain Scan (1 Range)

Scan Start: 200 MHz
Scan Stop: 1 GHz
Detector: Trace 1: MAX PEAK
Transducer: TDS_01

Start Frequency	Stop Frequency	Step Size	Res BW	Meas Time	RF Atten	Preamp	Input
200.000000 MHz	1.000000 GHz	30.00 kHz	120.00 kHz	50 μ s	Auto	20 dB	INPUT1



Applicant: UNIDEN AMERICA CORPORATION
 FCC ID: AMWUB367
 IC: 513C-UB367
 Report: 2316UT19TestReport_



RADIATED SPURIOUS EMISSIONS

Test Data: 406 MHz Field Strength Table, Horizontal Polarity

06.Sep 19 19:18

Test Spec CISPR 22 Radiated Disturbances

Polarity
Horizontal

Final Measurement

Meas Time: 1 s
Margin: 20 dB
Subranges: 2

Trace	Frequency	Level (dB μ V/m)	Detector	Delta Limit/dB
1	675.80000000 MHz	23.74	Quasi Peak	-22.26
1	952.01000000 MHz	26.74	Quasi Peak	-19.26

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Applicant: UNIDEN AMERICA CORPORATION
FCC ID: AMWUB367
IC: 513C-UB367
Report: 2316UT19TestReport_

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RADIATED SPURIOUS EMISSIONS

Test Data: 406 MHz Field Strength Plot, Vertical Polarity



06.Sep.19 19:20

Test Spec CISPR 22 Radiated Disturbances

Polarity
Horizontal

Time Domain Scan (1 Range)

Scan Start: 200 MHz
Scan Stop: 1 GHz
Detector: Trace 1: MAX PEAK
Transducer: TDS_01

Start Frequency	Stop Frequency	Step Size	Res BW	Meas Time	RF Atten	Preamp	Input
200.000000 MHz	1.000000 GHz	30.00 kHz	120.00 kHz	50 μ s	Auto	20 dB	INPUT1





RADIATED SPURIOUS EMISSIONS

Test Data: 406 MHz Field Strength Table, Vertical Polarity

06.Sep 19 19:20

Test Spec CISPR 22 Radiated Disturbances

Polarity
Horizontal

Final Measurement

Meas Time: 1 s
Margin: 20 dB
Subranges: 3

Trace	Frequency	Level (dB μ V/m)	Detector	Delta Limit/dB
1	566.00000000 MHz	20.12	Quasi Peak	-25.88
1	760.70000000 MHz	24.33	Quasi Peak	-21.67
1	954.41000000 MHz	27.08	Quasi Peak	-18.92

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Applicant: UNIDEN AMERICA CORPORATION
FCC ID: AMWUB367
IC: 513C-UB367
Report: 2316UT19TestReport_

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RADIATED SPURIOUS EMISSIONS

Test Data: 512 MHz Field Strength Plot, Horizontal Polarity



06.Sep 19 18:46

Test Spec CISPR 22 Radiated Disturbances

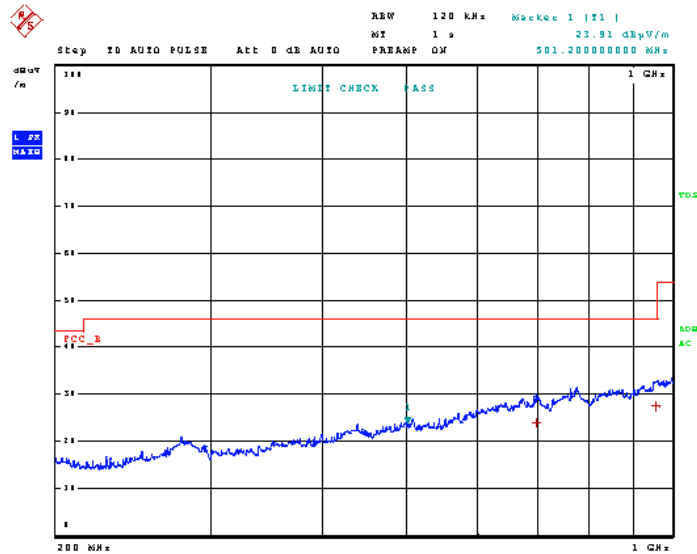
Polarity

Horizontal

Time Domain Scan (1 Range)

Scan Start: 200 MHz
 Scan Stop: 1 GHz
 Detector: Trace 1: MAX PEAK
 Transducer: TDS_01

Start Frequency	Stop Frequency	Step Size	Res BW	Meas Time	RF Atten	Preamp	Input
200.000000 MHz	1.000000 GHz	30.00 kHz	120.00 kHz	50 μ s	Auto	20 dB	INPUT1





RADIATED SPURIOUS EMISSIONS

Test Data: 512 MHz Field Strength Table, Horizontal Polarity

06.Sep 19 18:46

Test Spec CISPR 22 Radiated Disturbances

Polarity
Horizontal

Final Measurement

Meas Time: 1 s
Margin: 20 dB
Subranges: 2

Trace	Frequency	Level (dBµV/m)	Detector	Delta Limit/dB
1	700.37000000 MHz	23.96	Quasi Peak	-22.04
1	957.11000000 MHz	27.34	Quasi Peak	-18.66

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Applicant: UNIDEN AMERICA CORPORATION
FCC ID: AMWUB367
IC: 513C-UB367
Report: 2316UT19TestReport_

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RADIATED SPURIOUS EMISSIONS

Test Data: 512 MHz Field Strength Plot, Vertical Polarity



06.Sep.19 18:39

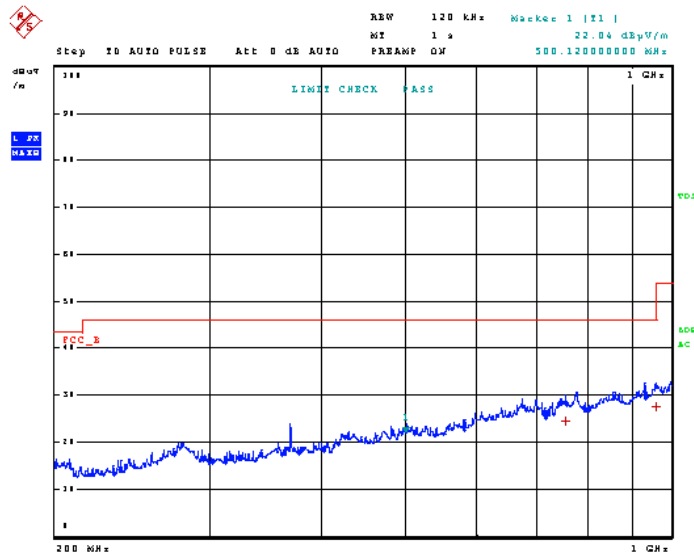
Test Spec CISPR 22 Radiated Disturbances

Polarity
Horizontal

Time Domain Scan (1 Range)

Scan Start: 200 MHz
Scan Stop: 1 GHz
Detector: Trace 1: MAX PEAK
Transducer: TDS_01

Start Frequency	Stop Frequency	Step Size	Res BW	Meas Time	RF Atten	Preamp	Input
200.000000 MHz	1.000000 GHz	30.00 kHz	120.00 kHz	50 μ s	Auto	20 dB	INPUT1



Applicant: UNIDEN AMERICA CORPORATION
 FCC ID: AMWUB367
 IC: 513C-UB367
 Report: 2316UT19TestReport_



RADIATED SPURIOUS EMISSIONS

Test Data: 512 MHz Field Strength Table, Vertical Polarity

06.Sep 19 18:39

Test Spec CISPR 22 Radiated Disturbances

Polarity
Horizontal

Final Measurement

Meas Time: 1 s
Margin: 20 dB
Subranges: 2

Trace	Frequency	Level (dB μ V/m)	Detector	Delta Limit/dB
1	759.08000000 MHz	24.44	Quasi Peak	-21.56
1	959.03000000 MHz	27.63	Quasi Peak	-18.37

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Applicant: UNIDEN AMERICA CORPORATION
FCC ID: AMWUB367
IC: 513C-UB367
Report: 2316UT19TestReport_

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RADIATED SPURIOUS EMISSIONS

Test Data: 806 MHz Field Strength Plot, Horizontal Polarity



06.Sep.19 19:23

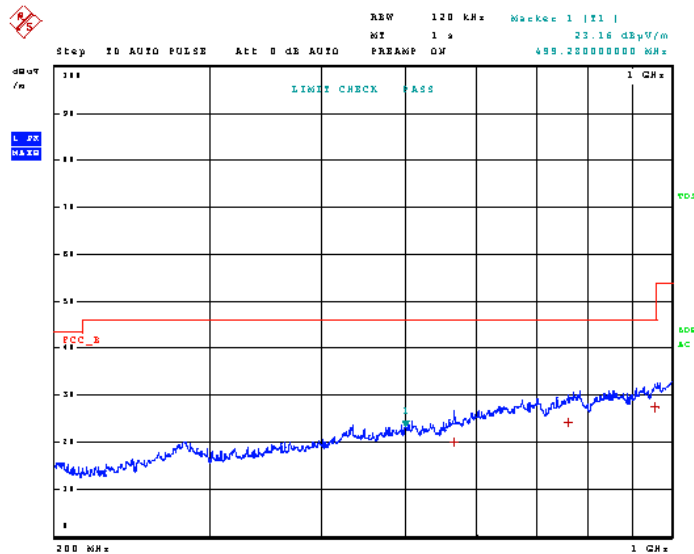
Test Spec CISPR 22 Radiated Disturbances

Polarity
Horizontal

Time Domain Scan (1 Range)

Scan Start: 200 MHz
Scan Stop: 1 GHz
Detector: Trace 1: MAX PEAK
Transducer: TDS_01

Start Frequency	Stop Frequency	Step Size	Res BW	Meas Time	RF Atten	Preamp	Input
200.000000 MHz	1.000000 GHz	30.00 kHz	120.00 kHz	50 µs	Auto	20 dB	INPUT1



Applicant: UNIDEN AMERICA CORPORATION
FCC ID: AMWUB367
IC: 513C-UB367
Report: 2316UT19TestReport_

RADIATED SPURIOUS EMISSIONS

Test Data: 806 MHz Field Strength Table, Horizontal Polarity

06.Sep 19 19:23

Test Spec CISPR 22 Radiated Disturbances

Polarity
Horizontal

Final Measurement

Meas Time: 1 s
Margin: 20 dB
Subranges: 3

Trace	Frequency	Level (dB μ V/m)	Detector	Delta Limit/dB
1	566.96000000 MHz	20.10	Quasi Peak	-25.90
1	762.41000000 MHz	24.29	Quasi Peak	-21.71
1	957.62000000 MHz	27.35	Quasi Peak	-18.65

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Applicant: UNIDEN AMERICA CORPORATION
FCC ID: AMWUB367
IC: 513C-UB367
Report: 2316UT19TestReport_

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RADIATED SPURIOUS EMISSIONS

Test Data: 806 MHz Field Strength Plot, Vertical Polarity



06.Sep.19 19:22

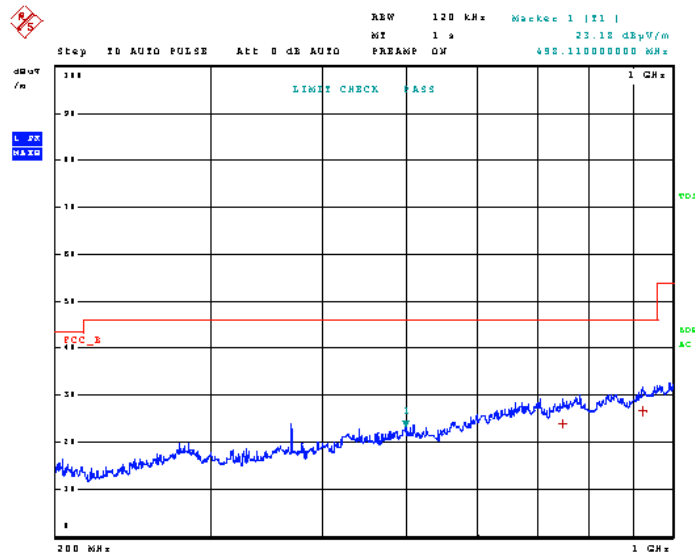
Test Spec CISPR 22 Radiated Disturbances

Polarity
Horizontal

Time Domain Scan (1 Range)

Scan Start: 200 MHz
Scan Stop: 1 GHz
Detector: Trace 1: MAX PEAK
Transducer: TDS_01

Start Frequency	Stop Frequency	Step Size	Res BW	Meas Time	RF Atten	Preamp	Input
200.000000 MHz	1.000000 GHz	30.00 kHz	120.00 kHz	50 μ s	Auto	20 dB	INPUT1



Page 1 of 2

Applicant: UNIDEN AMERICA CORPORATION
FCC ID: AMWUB367
IC: 513C-UB367
Report: 2316UT19TestReport_



RADIATED SPURIOUS EMISSIONS

Test Data: 806 MHz Field Strength Table, Vertical Polarity

06.Sep 19 19:22

Test Spec CISPR 22 Radiated Disturbances

Polarity
Horizontal

Final Measurement

Meas Time: 1 s
Margin: 20 dB
Subranges: 2

Trace	Frequency	Level (dBµV/m)	Detector	Delta Limit/dB
1	750.830000000 MHz	24.15	Quasi Peak	-21.85
1	926.360000000 MHz	26.48	Quasi Peak	-19.52

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Applicant: UNIDEN AMERICA CORPORATION
FCC ID: AMWUB367
IC: 513C-UB367
Report: 2316UT19TestReport_

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RADIATED SPURIOUS EMISSIONS

Test Data: 956 MHz Field Strength Plot, Horizan Polarity



06.Sep 19 19:25

Test Spec CISPR 22 Radiated Disturbances

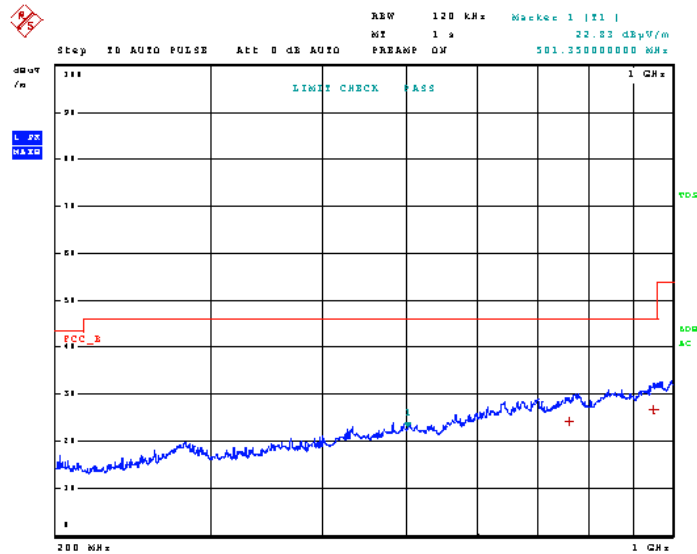
Polarity

Horizontal

Time Domain Scan (1 Range)

Scan Start: 200 MHz
 Scan Stop: 1 GHz
 Detector: Trace 1: MAX PEAK
 Transducer: TDS_01

Start Frequency	Stop Frequency	Step Size	Res BW	Meas Time	RF Atten	Preamp	Input
200.000000 MHz	1.000000 GHz	30.00 kHz	120.00 kHz	50 μ s	Auto	20 dB	INPUT1



Page 1 of 2

Applicant: UNIDEN AMERICA CORPORATION
 FCC ID: AMWUB367
 IC: 513C-UB367
 Report: 2316UT19TestReport_



RADIATED SPURIOUS EMISSIONS

Test Data: 956 MHz Field Strength Table, Horizan Polarity

06.Sep 19 19:25

Test Spec CISPR 22 Radiated Disturbances

Polarity
Horizontal

Final Measurement

Meas Time: 1 s
Margin: 20 dB
Subranges: 2

Trace	Frequency	Level (dBµV/m)	Detector	Delta Limit/dB
1	763.67000000 MHz	24.36	Quasi Peak	-21.64
1	952.01000000 MHz	26.76	Quasi Peak	-19.24

Page 2 of 2

Applicant: UNIDEN AMERICA CORPORATION
FCC ID: AMWUB367
IC: 513C-UB367
Report: 2316UT19TestReport_

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RADIATED SPURIOUS EMISSIONS

Test Data: 956 MHz Field Strength Plot, Vertical Polarity



06.Sep.19.19:27

Test Spec CISPR 22 Radiated Disturbances

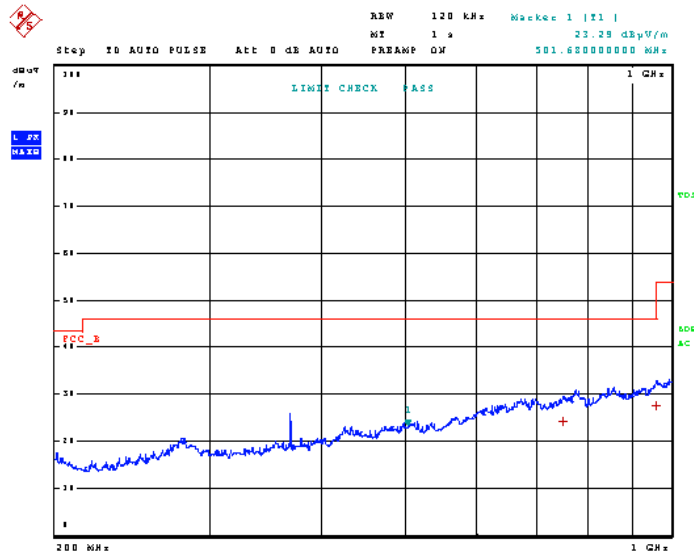
Polarity

Horizontal

Time Domain Scan (1 Range)

Scan Start: 200 MHz
 Scan Stop: 1 GHz
 Detector: Trace 1: MAX PEAK
 Transducer: TDS_01

Start Frequency	Stop Frequency	Step Size	Res BW	Meas Time	RF Atten	Preamp	Input
200.000000 MHz	1.000000 GHz	30.00 kHz	120.00 kHz	50 μ s	Auto	20 dB	INPUT1





RADIATED SPURIOUS EMISSIONS

Test Data: 956 MHz Field Strength Table, Vertical Polarity

06.Sep 19 19:27

Test Spec CISPR 22 Radiated Disturbances

Polarity
Horizontal

Final Measurement

Meas Time: 1 s
Margin: 20 dB
Subranges: 2

Trace	Frequency	Level (dB μ V/m)	Detector	Delta Limit/dB
1	752.39000000 MHz	24.32	Quasi Peak	-21.68
1	959.78000000 MHz	27.60	Quasi Peak	-18.40

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Applicant: UNIDEN AMERICA CORPORATION
FCC ID: AMWUB367
IC: 513C-UB367
Report: 2316UT19TestReport_

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RADIATED SPURIOUS EMISSIONS

Scanned 1 GHz to 12.5 GHz

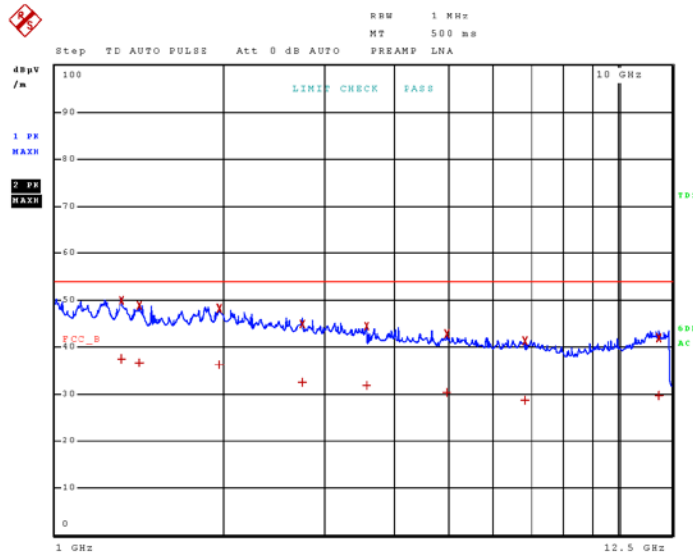
Test Data: 108 MHz Field Strength Plot, Horizan Polarity

06.Sep 19 17:57

Time Domain Scan (1 Range)

Scan Start: 1 GHz
 Scan Stop: 12.5 GHz
 Detector: Trace 1: MAX PEAK Trace 2: MAX PEAK
 Transducer: TDS_05

Start Frequency	Stop Frequency	Step Size	Res BW	Meas Time	RF Atten	Preamp	Input
1.000000 GHz	12.500000 GHz	250.00 kHz	1.00 MHz	100 μ s	Auto	35 dB	INPUT1





RADIATED SPURIOUS EMISSIONS

Test Data: 108 MHz Field Strength Table, Horizan Polarity

06.Sep 19 17:57

Final Measurement

Meas Time: 500 ms
Margin: 40 dB
Subranges: 16

Trace	Frequency	Level (dBµV/m)	Detector	Delta Limit/dB
1	1.308750000 GHz	37.45	CISPR Averag	-16.55
2	1.308750000 GHz	49.82	Max Peak	
1	1.413250000 GHz	36.63	CISPR Averag	-17.37
2	1.413250000 GHz	48.90	Max Peak	
1	1.958750000 GHz	36.30	CISPR Averag	-17.70
2	1.958750000 GHz	48.14	Max Peak	
1	2.755750000 GHz	32.50	CISPR Averag	-21.50
2	2.755750000 GHz	44.78	Max Peak	
1	3.588500000 GHz	31.84	CISPR Averag	-22.16
2	3.588500000 GHz	44.44	Max Peak	
1	4.968500000 GHz	30.25	CISPR Averag	-23.75
2	4.968500000 GHz	42.81	Max Peak	
1	6.829500000 GHz	28.78	CISPR Averag	-25.22
2	6.829500000 GHz	41.23	Max Peak	
1	11.837750000 GHz	29.66	CISPR Averag	-24.34
2	11.837750000 GHz	41.94	Max Peak	

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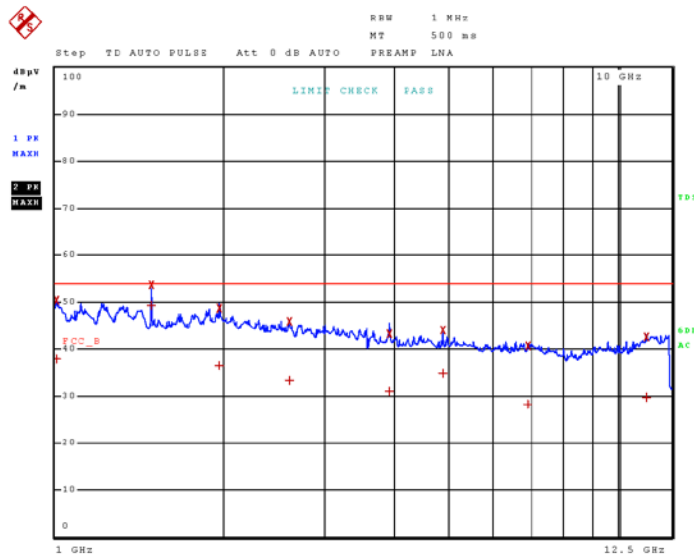
Test Data: 108 MHz Field Strength Plot, Vertical Polarity

06.Sep 19 18:00

Time Domain Scan (1 Range)

Scan Start: 1 GHz
 Scan Stop: 12.5 GHz
 Detector: Trace 1: MAX PEAK Trace 2: MAX PEAK
 Transducer: TDS_05

Start Frequency	Stop Frequency	Step Size	Res BW	Meas Time	RF Atten	Preamp	Input
1.000000 GHz	12.500000 GHz	250.00 kHz	1.00 MHz	100 μ s	Auto	35 dB	INPUT1



RADIATED SPURIOUS EMISSIONS

Test Data: 108 MHz Field Strength Table, Vertical Polarity

06.Sep 19 18:00

Final Measurement

Meas Time: 500 ms
 Margin: 40 dB
 Subranges: 16

Trace	Frequency	Level (dBµV/m)	Detector	Delta Limit/dB
1	1.005000000 GHz	37.95	CISPR Averag	-16.05
2	1.005000000 GHz	50.29	Max Peak	
1	1.479750000 GHz	49.34	CISPR Averag	-4.66
2	1.479750000 GHz	53.65	Max Peak	
1	1.961250000 GHz	36.35	CISPR Averag	-17.65
2	1.961250000 GHz	48.66	Max Peak	
1	2.607750000 GHz	33.37	CISPR Averag	-20.63
2	2.607750000 GHz	45.96	Max Peak	
1	3.923750000 GHz	31.00	CISPR Averag	-23.00
2	3.923750000 GHz	43.26	Max Peak	
1	4.887750000 GHz	34.76	CISPR Averag	-19.24
2	4.887750000 GHz	44.07	Max Peak	
1	6.928750000 GHz	28.24	CISPR Averag	-25.76
2	6.928750000 GHz	40.74	Max Peak	
1	11.269500000 GHz	29.82	CISPR Averag	-24.18
2	11.269500000 GHz	42.53	Max Peak	

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RADIATED SPURIOUS EMISSIONS

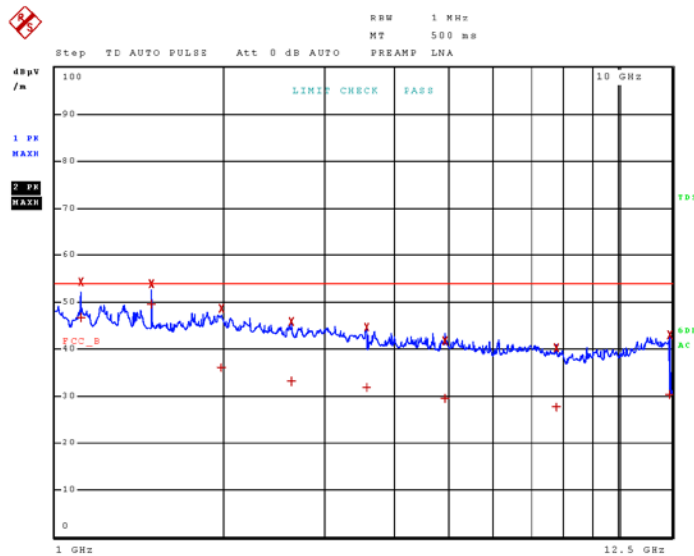
Test Data: 174 MHz Field Strength Plot, Horizontal Polarity

06.Sep.19 18:03

Time Domain Scan (1 Range)

Scan Start: 1 GHz
 Scan Stop: 12.5 GHz
 Detector: Trace 1: MAX PEAK Trace 2: MAX PEAK
 Transducer: TDS_05

Start Frequency	Stop Frequency	Step Size	Res BW	Meas Time	RF Atten	Preamp	Input
1.000000 GHz	12.500000 GHz	250.00 kHz	1.00 MHz	100 μ s	Auto	35 dB	INPUT1





RADIATED SPURIOUS EMISSIONS

Test Data: 174 MHz Field Strength Table, Horizontal Polarity

06.Sep 19 18:03

Final Measurement

Meas Time: 500 ms
Margin: 40 dB
Subranges: 16

Trace	Frequency	Level (dBµV/m)	Detector	Delta Limit/dB
1	1.109500000 GHz	46.68	CISPR Averag	-7.32
2	1.109500000 GHz	54.25	Max Peak	
1	1.479750000 GHz	49.41	CISPR Averag	-4.59
2	1.479750000 GHz	53.79	Max Peak	
1	1.970750000 GHz	36.13	CISPR Averag	-17.87
2	1.970750000 GHz	48.64	Max Peak	
1	2.631000000 GHz	33.05	CISPR Averag	-20.95
2	2.631000000 GHz	45.95	Max Peak	
1	3.591000000 GHz	31.78	CISPR Averag	-22.22
2	3.591000000 GHz	44.63	Max Peak	
1	4.919000000 GHz	29.60	CISPR Averag	-24.40
2	4.919000000 GHz	41.73	Max Peak	
1	7.781500000 GHz	27.65	CISPR Averag	-26.35
2	7.781500000 GHz	40.33	Max Peak	
1	12.374750000 GHz	30.28	CISPR Averag	-23.72
2	12.374750000 GHz	42.97	Max Peak	

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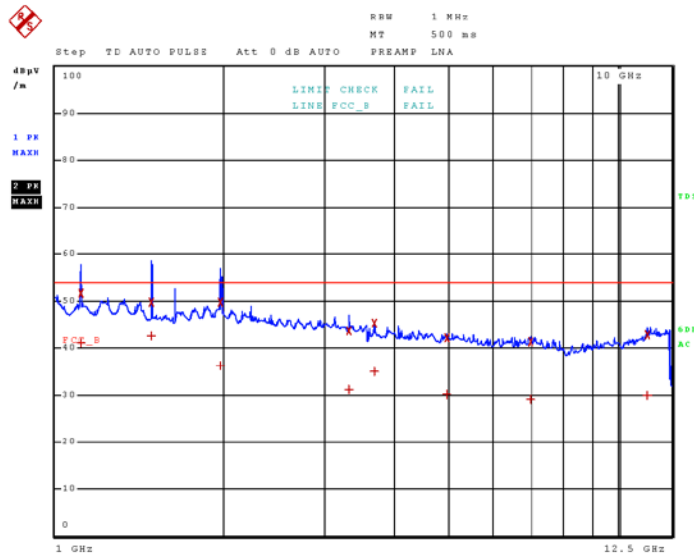
Test Data: 174 MHz Field Strength Plot, Vertical Polarity

06.Sep 19 18:05

Time Domain Scan (1 Range)

Scan Start: 1 GHz
 Scan Stop: 12.5 GHz
 Detector: Trace 1: MAX PEAK Trace 2: MAX PEAK
 Transducer: TDS_05

Start Frequency	Stop Frequency	Step Size	Res BW	Meas Time	RF Atten	Preamp	Input
1.000000 GHz	12.500000 GHz	250.00 kHz	1.00 MHz	100 μ s	Auto	35 dB	INPUT1





RADIATED SPURIOUS EMISSIONS

Test Data: 174 MHz Field Strength Table, Vertical Polarity

06.Sep 19 18:05

Final Measurement

Meas Time: 500 ms
Margin: 40 dB
Subranges: 16

Trace	Frequency	Level (dBµV/m)	Detector	Delta Limit/dB
1	1.109500000 GHz	41.00	CISPR Averag	-13.00
2	1.109500000 GHz	51.50	Max Peak	
1	1.479750000 GHz	42.44	CISPR Averag	-11.56
2	1.479750000 GHz	49.63	Max Peak	
1	1.965750000 GHz	36.27	CISPR Averag	-17.73
2	1.965750000 GHz	49.66	Max Peak	
1	3.328500000 GHz	31.14	CISPR Averag	-22.86
2	3.328500000 GHz	43.53	Max Peak	
1	3.699250000 GHz	34.88	CISPR Averag	-19.12
2	3.699250000 GHz	45.19	Max Peak	
1	4.973000000 GHz	30.05	CISPR Averag	-23.95
2	4.973000000 GHz	42.16	Max Peak	
1	6.998500000 GHz	29.14	CISPR Averag	-24.86
2	6.998500000 GHz	41.32	Max Peak	
1	11.294000000 GHz	29.98	CISPR Averag	-24.02
2	11.294000000 GHz	42.70	Max Peak	

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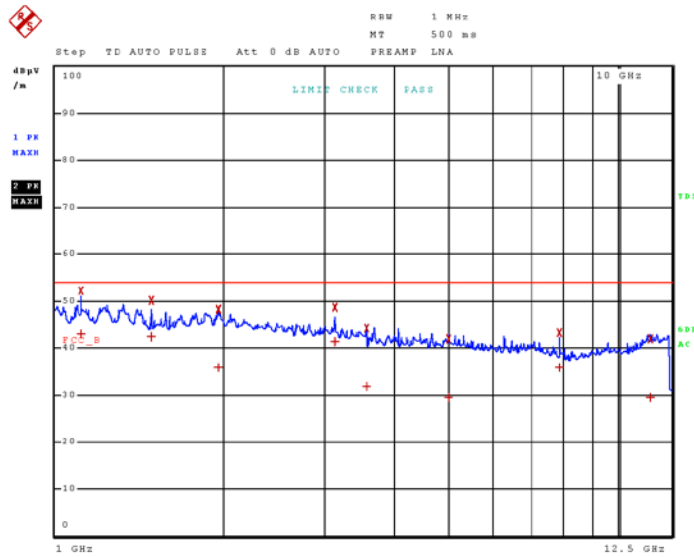
Test Data: 406 MHz Field Strength Plot, Horizontal Polarity

06.Sep 19 18:17

Time Domain Scan (1 Range)

Scan Start: 1 GHz
 Scan Stop: 12.5 GHz
 Detector: Trace 1: MAX PEAK Trace 2: MAX PEAK
 Transducer: TDS_05

Start Frequency	Stop Frequency	Step Size	Res BW	Meas Time	RF Atten	Preamp	Input
1.000000 GHz	12.500000 GHz	250.00 kHz	1.00 MHz	100 μ s	Auto	35 dB	INPUT1





RADIATED SPURIOUS EMISSIONS

Test Data: 406 MHz Field Strength Table, Horizontal Polarity

06.Sep 19 18:17

Final Measurement

Meas Time: 500 ms
Margin: 40 dB
Subranges: 16

Trace	Frequency	Level (dBµV/m)	Detector	Delta Limit/dB
1	1.109750000 GHz	42.95	CISPR Averag	-11.05
2	1.109750000 GHz	52.25	Max Peak	
1	1.479750000 GHz	42.43	CISPR Averag	-11.57
2	1.479750000 GHz	50.06	Max Peak	
1	1.946250000 GHz	35.91	CISPR Averag	-18.09
2	1.946250000 GHz	48.31	Max Peak	
1	3.147000000 GHz	41.38	CISPR Averag	-12.62
2	3.147000000 GHz	48.71	Max Peak	
1	3.583000000 GHz	31.92	CISPR Averag	-22.08
2	3.583000000 GHz	44.17	Max Peak	
1	5.008250000 GHz	29.45	CISPR Averag	-24.55
2	5.008250000 GHz	41.90	Max Peak	
1	7.867500000 GHz	35.91	CISPR Averag	-18.09
2	7.867500000 GHz	43.20	Max Peak	
1	11.428250000 GHz	29.42	CISPR Averag	-24.58
2	11.428250000 GHz	41.90	Max Peak	

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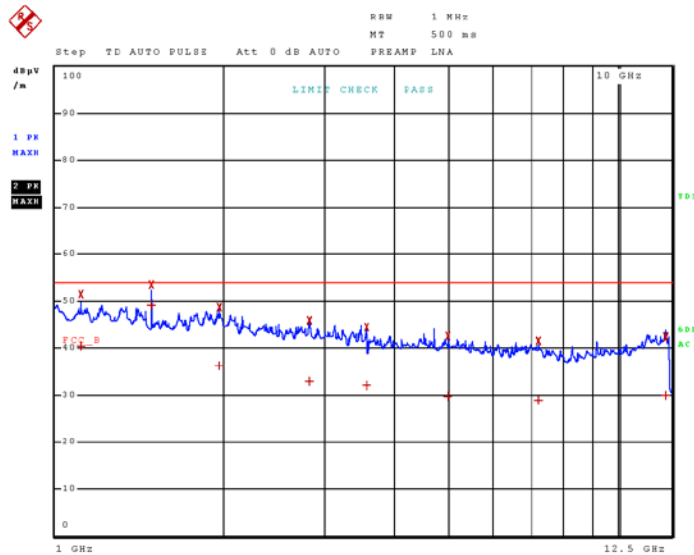
Test Data: 406 MHz Field Strength Plot, Vertical Polarity

06.Sep 19 18:19

Time Domain Scan (1 Range)

Scan Start: 1 GHz
 Scan Stop: 12.5 GHz
 Detector: Trace 1: MAX PEAK Trace 2: MAX PEAK
 Transducer: TDS_05

Start Frequency	Stop Frequency	Step Size	Res BW	Meas Time	RF Atten	Preamp	Input
1.000000 GHz	12.500000 GHz	250.00 kHz	1.00 MHz	100 μ s	Auto	35 dB	INPUT1





RADIATED SPURIOUS EMISSIONS

Test Data: 406 MHz Field Strength Table, Vertical Polarity

06.Sep 19 18:19

Final Measurement

Meas Time: 500 ms
Margin: 40 dB
Subranges: 16

Trace	Frequency	Level (dBµV/m)	Detector	Delta Limit/dB
1	1.110000000 GHz	40.36	CISPR Averag	-13.64
2	1.110000000 GHz	51.30	Max Peak	
1	1.479750000 GHz	49.12	CISPR Averag	-4.88
2	1.479750000 GHz	53.39	Max Peak	
1	1.961000000 GHz	36.33	CISPR Averag	-17.67
2	1.961000000 GHz	48.67	Max Peak	
1	2.824250000 GHz	32.80	CISPR Averag	-21.20
2	2.824250000 GHz	45.84	Max Peak	
1	3.575000000 GHz	32.04	CISPR Averag	-21.96
2	3.575000000 GHz	44.42	Max Peak	
1	4.988500000 GHz	29.73	CISPR Averag	-24.27
2	4.988500000 GHz	42.53	Max Peak	
1	7.246750000 GHz	28.91	CISPR Averag	-25.09
2	7.246750000 GHz	41.40	Max Peak	
1	12.184500000 GHz	29.88	CISPR Averag	-24.12
2	12.184500000 GHz	42.32	Max Peak	

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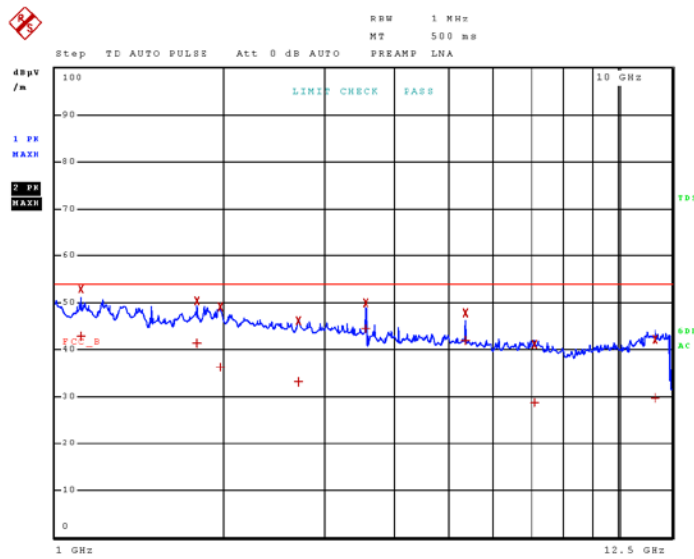
Test Data: 512 MHz Field Strength Plot, Horizontal Polarity

06.Sep 19 18:25

Time Domain Scan (1 Range)

Scan Start: 1 GHz
 Scan Stop: 12.5 GHz
 Detector: Trace 1: MAX PEAK Trace 2: MAX PEAK
 Transducer: TDS_05

Start Frequency	Stop Frequency	Step Size	Res BW	Meas Time	RF Atten	Preamp	Input
1.000000 GHz	12.500000 GHz	250.00 kHz	1.00 MHz	100 μ s	Auto	35 dB	INPUT1



RADIATED SPURIOUS EMISSIONS

Test Data: 512 MHz Field Strength Table, Horizontal Polarity

06.Sep 19 18:25

Final Measurement

Meas Time: 500 ms
 Margin: 40 dB
 Subranges: 16

Trace	Frequency	Level (dBµV/m)	Detector	Delta Limit/dB
1	1.110000000 GHz	42.70	CISPR Averag	-11.30
2	1.110000000 GHz	52.91	Max Peak	
1	1.785500000 GHz	41.26	CISPR Averag	-12.74
2	1.785500000 GHz	50.33	Max Peak	
1	1.963750000 GHz	36.34	CISPR Averag	-17.66
2	1.963750000 GHz	49.04	Max Peak	
1	2.702500000 GHz	33.18	CISPR Averag	-20.82
2	2.702500000 GHz	46.03	Max Peak	
1	3.571000000 GHz	44.37	CISPR Averag	-9.63
2	3.571000000 GHz	49.89	Max Peak	
1	5.356500000 GHz	41.81	CISPR Averag	-12.19
2	5.356500000 GHz	47.69	Max Peak	
1	7.112500000 GHz	28.72	CISPR Averag	-25.28
2	7.112500000 GHz	41.14	Max Peak	
1	11.663000000 GHz	29.80	CISPR Averag	-24.20
2	11.663000000 GHz	42.17	Max Peak	

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RADIATED SPURIOUS EMISSIONS

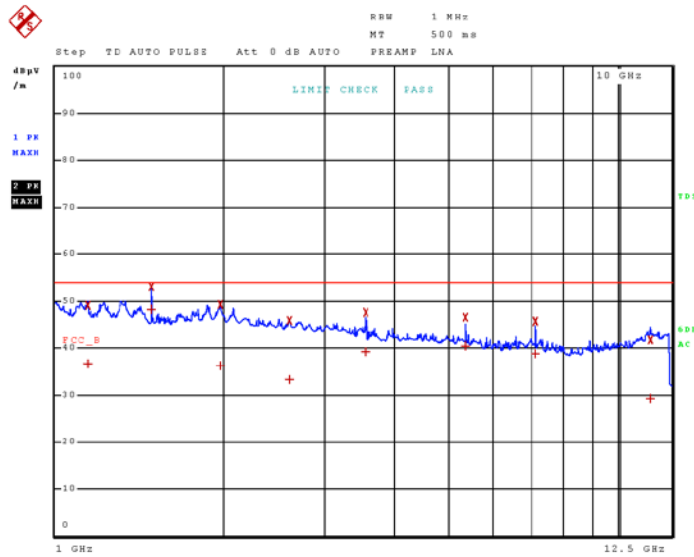
Test Data: 512 MHz Field Strength Plot, Vertical Polarity

06.Sep.19 18:20

Time Domain Scan (1 Range)

Scan Start: 1 GHz
 Scan Stop: 12.5 GHz
 Detector: Trace 1: MAX PEAK Trace 2: MAX PEAK
 Transducer: TDS_05

Start Frequency	Stop Frequency	Step Size	Res BW	Meas Time	RF Atten	Preamp	Input
1.000000 GHz	12.500000 GHz	250.00 kHz	1.00 MHz	100 μ s	Auto	35 dB	INPUT1





RADIATED SPURIOUS EMISSIONS

Test Data: 512 MHz Field Strength Table, Vertical Polarity

06.Sep 19 18:20

Final Measurement

Meas Time: 500 ms
Margin: 40 dB
Subranges: 16

Trace	Frequency	Level (dBµV/m)	Detector	Delta Limit/dB
1	1.140750000 GHz	36.76	CISPR Averag	-17.24
2	1.140750000 GHz	49.05	Max Peak	
1	1.480000000 GHz	48.29	CISPR Averag	-5.71
2	1.480000000 GHz	53.04	Max Peak	
1	1.962750000 GHz	36.33	CISPR Averag	-17.67
2	1.962750000 GHz	49.22	Max Peak	
1	2.611750000 GHz	33.36	CISPR Averag	-20.64
2	2.611750000 GHz	45.82	Max Peak	
1	3.571000000 GHz	39.09	CISPR Averag	-14.91
2	3.571000000 GHz	47.57	Max Peak	
1	5.356500000 GHz	40.46	CISPR Averag	-13.54
2	5.356500000 GHz	46.52	Max Peak	
1	7.142000000 GHz	38.77	CISPR Averag	-15.23
2	7.142000000 GHz	45.64	Max Peak	
1	11.427000000 GHz	29.29	CISPR Averag	-24.71
2	11.427000000 GHz	41.64	Max Peak	

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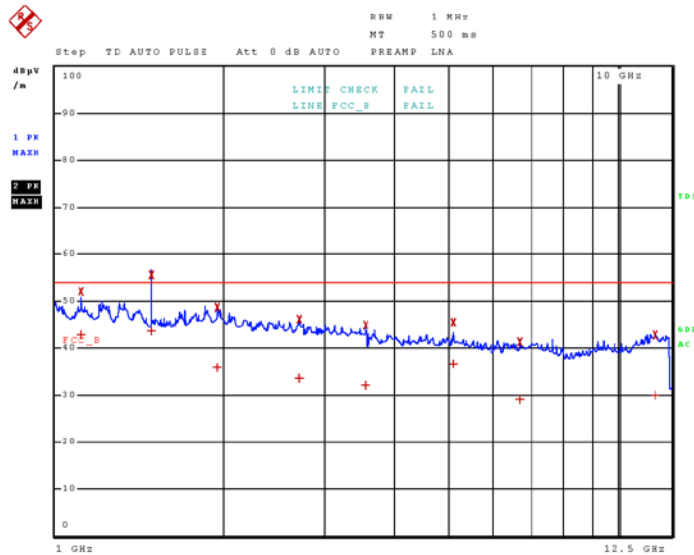
Test Data: 806 MHz Field Strength Plot, Horizontal Polarity

06.Sep 19 17:54

Time Domain Scan (1 Range)

Scan Start: 1 GHz
 Scan Stop: 12.5 GHz
 Detector: Trace 1: MAX PEAK Trace 2: MAX PEAK
 Transducer: TDS_05

Start Frequency	Stop Frequency	Step Size	Res BW	Meas Time	RF Atten	Preamp	Input
1.000000 GHz	12.500000 GHz	250.00 kHz	1.00 MHz	100 μ s	Auto	35 dB	INPUT1



RADIATED SPURIOUS EMISSIONS

Test Data: 806 MHz Field Strength Table, Horizontal Polarity

06.Sep 19 17:54

Final Measurement

Meas Time: 500 ms
 Margin: 40 dB
 Subranges: 16

Trace	Frequency	Level (dBµV/m)	Detector	Delta Limit/dB
1	1.109750000 GHz	42.85	CISPR Averag	-11.15
2	1.109750000 GHz	51.94	Max Peak	
1	1.479750000 GHz	43.54	CISPR Averag	-10.46
2	1.479750000 GHz	55.66	Max Peak	
1	1.945000000 GHz	35.90	CISPR Averag	-18.10
2	1.945000000 GHz	48.58	Max Peak	
1	2.721250000 GHz	33.44	CISPR Averag	-20.56
2	2.721250000 GHz	46.14	Max Peak	
1	3.563250000 GHz	32.03	CISPR Averag	-21.97
2	3.563250000 GHz	44.90	Max Peak	
1	5.103000000 GHz	36.56	CISPR Averag	-17.44
2	5.103000000 GHz	45.56	Max Peak	
1	6.701500000 GHz	29.00	CISPR Averag	-25.00
2	6.701500000 GHz	41.38	Max Peak	
1	11.690250000 GHz	29.93	CISPR Averag	-24.07
2	11.690250000 GHz	42.69	Max Peak	

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RADIATED SPURIOUS EMISSIONS

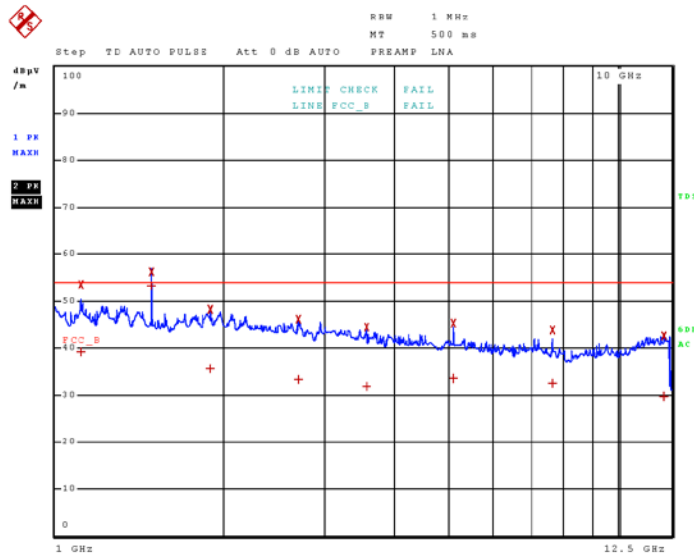
Test Data: 806 MHz Field Strength Plot, Vertical Polarity

06.Sep 19 17:51

Time Domain Scan (1 Range)

Scan Start: 1 GHz
 Scan Stop: 12.5 GHz
 Detector: Trace 1: MAX PEAK Trace 2: MAX PEAK
 Transducer: TDS_05

Start Frequency	Stop Frequency	Step Size	Res BW	Meas Time	RF Atten	Preamp	Input
1.000000 GHz	12.500000 GHz	250.00 kHz	1.00 MHz	100 μ s	Auto	35 dB	INPUT1





RADIATED SPURIOUS EMISSIONS

Test Data: 806 MHz Field Strength Table, Vertical Polarity

06.Sep 19 17:51

Final Measurement

Meas Time: 500 ms
Margin: 40 dB
Subranges: 16

Trace	Frequency	Level (dBµV/m)	Detector	Delta Limit/dB
1	1.109750000 GHz	39.26	CISPR Averag	-14.74
2	1.109750000 GHz	53.44	Max Peak	
1	1.479750000 GHz	53.24	CISPR Averag	-0.76
2	1.479750000 GHz	56.18	Max Peak	
1	1.885250000 GHz	35.66	CISPR Averag	-18.34
2	1.885250000 GHz	48.30	Max Peak	
1	2.708750000 GHz	33.36	CISPR Averag	-20.64
2	2.708750000 GHz	46.16	Max Peak	
1	3.591500000 GHz	31.77	CISPR Averag	-22.23
2	3.591500000 GHz	44.50	Max Peak	
1	5.103000000 GHz	33.42	CISPR Averag	-20.58
2	5.103000000 GHz	45.37	Max Peak	
1	7.654500000 GHz	32.45	CISPR Averag	-21.55
2	7.654500000 GHz	43.90	Max Peak	
1	12.108500000 GHz	29.71	CISPR Averag	-24.29
2	12.108500000 GHz	42.59	Max Peak	

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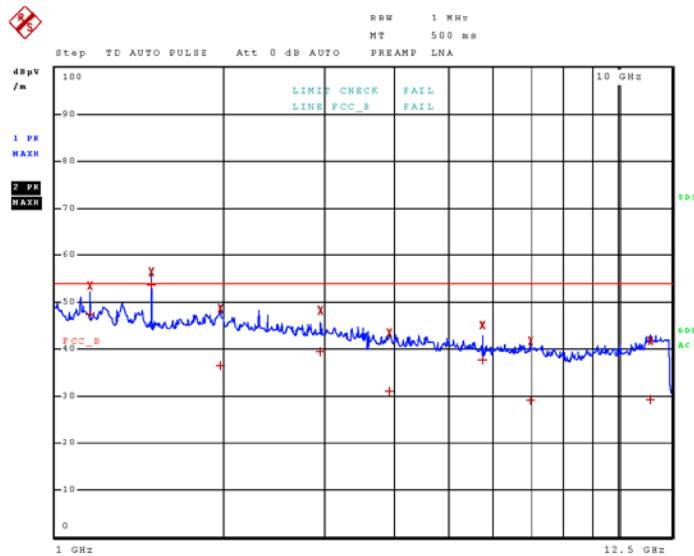
Test Data: 956 MHz Field Strength Plot, Horizan Polarity

06.Sep.19 17:39

Time Domain Scan (1 Range)

Scan Start: 1 GHz
 Scan Stop: 12.5 GHz
 Detector: Trace 1: MAX PEAK Trace 2: MAX PEAK
 Transducer: TDS_05

Start Frequency	Stop Frequency	Step Size	Res BW	Meas Time	RF Atten	Preamp	Input
1.000000 GHz	12.500000 GHz	250.00 kHz	1.00 MHz	100 μ s	Auto	35 dB	INPUT1



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RADIATED SPURIOUS EMISSIONS

Test Data: 956 MHz Field Strength Table, Horizan Polarity

06.Sep 19 17:39

Final Measurement

Meas Time: 500 ms
 Margin: 40 dB
 Subranges: 16

Trace	Frequency	Level (dBμV/m)	Detector	Delta Limit/dB
1	1.150500000 GHz	47.45	CISPR Averag	-6.55
2	1.150500000 GHz	53.49	Max Peak	
1	1.479750000 GHz	53.69	CISPR Averag	-0.31
2	1.479750000 GHz	56.51	Max Peak	
1	1.962750000 GHz	36.40	CISPR Averag	-17.60
2	1.962750000 GHz	48.61	Max Peak	
1	2.959500000 GHz	39.41	CISPR Averag	-14.59
2	2.959500000 GHz	48.30	Max Peak	
1	3.923750000 GHz	31.06	CISPR Averag	-22.94
2	3.923750000 GHz	43.48	Max Peak	
1	5.752500000 GHz	37.67	CISPR Averag	-16.33
2	5.752500000 GHz	44.98	Max Peak	
1	7.016500000 GHz	29.13	CISPR Averag	-24.87
2	7.016500000 GHz	41.78	Max Peak	
1	11.423000000 GHz	29.25	CISPR Averag	-24.75
2	11.423000000 GHz	41.78	Max Peak	

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RADIATED SPURIOUS EMISSIONS

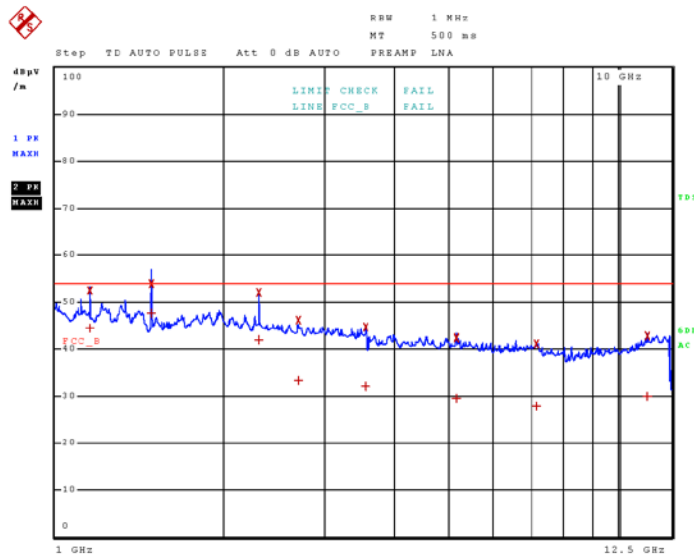
Test Data: 956 MHz Field Strength Plot, Vertical Polarity

06.Sep.19 17:40

Time Domain Scan (1 Range)

Scan Start: 1 GHz
 Scan Stop: 12.5 GHz
 Detector: Trace 1: MAX PEAK Trace 2: MAX PEAK
 Transducer: TDS_05

Start Frequency	Stop Frequency	Step Size	Res BW	Meas Time	RF Atten	Preamp	Input
1.000000 GHz	12.500000 GHz	250.00 kHz	1.00 MHz	100 μ s	Auto	35 dB	INPUT1





RADIATED SPURIOUS EMISSIONS

Test Data: 956 MHz Field Strength Table, Vertical Polarity

06.Sep 19 17:40

Final Measurement

Meas Time: 500 ms
Margin: 40 dB
Subranges: 16

Trace	Frequency	Level (dBµV/m)	Detector	Delta Limit/dB
1	1.150500000 GHz	44.34	CISPR Averag	-9.66
2	1.150500000 GHz	52.38	Max Peak	
1	1.479750000 GHz	47.55	CISPR Averag	-6.45
2	1.479750000 GHz	53.86	Max Peak	
1	2.301000000 GHz	41.84	CISPR Averag	-12.16
2	2.301000000 GHz	52.04	Max Peak	
1	2.709000000 GHz	33.36	CISPR Averag	-20.64
2	2.709000000 GHz	46.19	Max Peak	
1	3.561500000 GHz	32.03	CISPR Averag	-21.97
2	3.561500000 GHz	44.61	Max Peak	
1	5.166000000 GHz	29.52	CISPR Averag	-24.48
2	5.166000000 GHz	42.39	Max Peak	
1	7.169500000 GHz	27.94	CISPR Averag	-26.06
2	7.169500000 GHz	41.06	Max Peak	
1	11.306000000 GHz	30.02	CISPR Averag	-23.98
2	11.306000000 GHz	42.73	Max Peak	

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Applicant: UNIDEN AMERICA CORPORATION
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ANTENNA CONDUCTED POWER

Rule Part No.: FCC Part 15 Subpart B

Requirements: FCC Part 15.111(a) Antenna power conduction limits for receivers
In addition to the radiated emission limits. Receivers that operate (tune) in the frequency range 30 to 960 MHz and CB receivers that provide terminals for the connection of an external receiving antenna may be tested to demonstrate compliance with the provisions of §15.109 with the antenna terminals shielded and terminated with a resistive termination equal to the impedance specified for the antenna. Provided these receivers also comply with the following: With the receiver antenna terminal connected to a resistive termination equal to the impedance specified or employed for the antenna, the power at the antenna terminal at any frequency within the range of measurements specified in §15.33 shall not exceed 2.0 nanowatts.

Procedure: FCC Part 15.33(b)(3) Frequency range of radiated measurements

FCC Part 15.35(a) Measurement detector functions and bandwidths

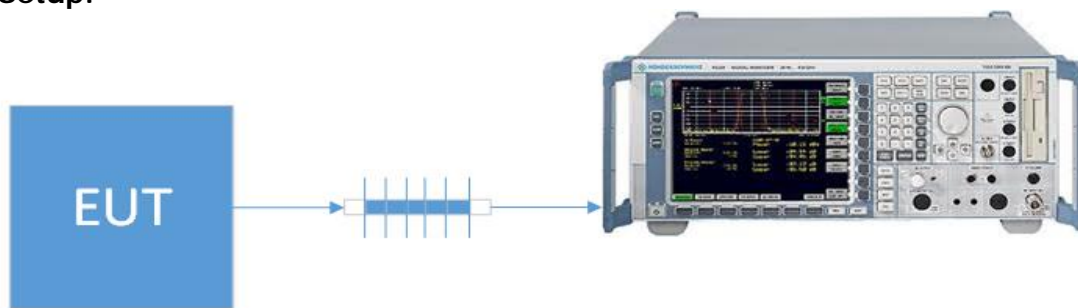
ANSI C63.4 Methods of Measurement of Radio-Noise Emissions from Low-Voltage Electrical and Electronic Equipment 9 kHz to 40 GHz

§ 12.2.2 Operating conditions

§ 12.2.6 Antenna-conducted power measurements

Configuration: The scanner receiver spurious emissions are to be measured when the receiver is in the scanning mode and repeated when the scanning is stopped, all while the antenna terminals are connected to a EMI receiver through a 50 Ω coaxial cable.

Setup:



Results: N/A. EUT is not intended for connection with AC Mains.

Applicant: UNIDEN AMERICA CORPORATION
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POWER LINE CONDUCTED INTERFERENCE

Rules Part No.: Part 15.107, RSS-GEN sec 8.8

Requirements:

Frequency (MHz)	Quasi Peak Limits (dBµV)	Average Limits (dBµV)
0.15 – 0.5	66 – 56 *	56 – 46 *
0.5 – 5.0	56	46
5.0 – 30	60	50
* Decrease with logarithm of frequency		

Test Data: The following plots represent the emissions for power line conducted. Both lines were observed. 120 Volts AC 60 Hz supply voltage was used for all tests

POWER LINE CONDUCTED INTERFERENCE

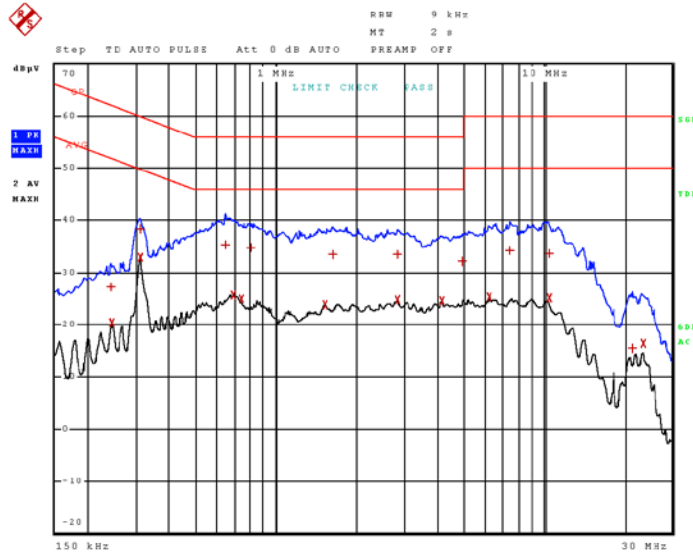
Test Data: Scanning, Line 1 Peak Plot

05.Sep.19 17:47

Time Domain Scan (1 Range)

Scan Start: 150 kHz
 Scan Stop: 30 MHz
 Detector: Trace 1: MAX PEAK Trace 2: Average
 Transducer: tdf_20

Start Frequency	Stop Frequency	Step Size	Res BW	Meas Time	RF Atten	Preamp	Input
150.000000 kHz	30.000000 MHz	2.25 kHz	9.00 kHz	500 ms	Auto	0 dB	INPUT2



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Results Meets Requirements

Applicant: UNIDEN AMERICA CORPORATION
 FCC ID: AMWUB367
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POWER LINE CONDUCTED INTERFERENCE

Test Data: Scanning, Line 1 Peak Table

05.Sep.19 17:47

Final Measurement

Meas Time: 2 s
 Margin: 60 dB
 Subranges: 20

Trace	Frequency	Level (dBµV)	Detector	Delta Limit/dB
1	240.000000000 kHz	27.08	Quasi Peak	-35.01
2	242.250000000 kHz	20.29	Average	-31.73
1	309.750000000 kHz	38.34	Quasi Peak	-21.64
2	309.750000000 kHz	32.85	Average	-17.13
1	645.000000000 kHz	35.33	Quasi Peak	-20.67
2	692.250000000 kHz	25.74	Average	-20.26
2	737.250000000 kHz	24.84	Average	-21.16
1	804.750000000 kHz	34.82	Quasi Peak	-21.18
2	1.524750000 MHz	23.74	Average	-22.26
1	1.635000000 MHz	33.41	Quasi Peak	-22.59
2	2.834250000 MHz	24.67	Average	-21.33
1	2.841000000 MHz	33.34	Quasi Peak	-22.66
2	4.137000000 MHz	24.50	Average	-21.50
1	4.974000000 MHz	32.17	Quasi Peak	-23.83
2	6.247500000 MHz	25.36	Average	-24.64
1	7.482750000 MHz	34.26	Quasi Peak	-25.74
2	10.403250000 MHz	25.07	Average	-24.93
1	10.479750000 MHz	33.53	Quasi Peak	-26.47
1	21.381000000 MHz	15.42	Quasi Peak	-44.58
2	23.392500000 MHz	16.41	Average	-33.59

Transducer Table

Name: tdf_20
 Interpolation: LIN
 Comment: ANS 25/2 Primary LISN IL Line 1 + Coax Cable IL

Frequency	Factor (dB)	7.00 MHz	0.63
150.00 kHz	0.19	10.00 MHz	0.88
170.00 kHz	0.17	15.00 MHz	1.08
200.00 kHz	0.16	20.00 MHz	1.01
250.00 kHz	0.13	30.00 MHz	1.80
300.00 kHz	0.12		
350.00 kHz	0.12		
400.00 kHz	0.11		
500.00 kHz	0.12		
600.00 kHz	0.12		
700.00 kHz	0.11		
800.00 kHz	0.13		
900.00 kHz	0.12		
1.00 MHz	0.21		
1.20 MHz	0.22		
1.50 MHz	0.28		
2.00 MHz	0.37		
2.50 MHz	0.41		
3.00 MHz	0.59		
4.00 MHz	0.40		
5.00 MHz	0.47		

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Results Meets Requirements

Applicant: UNIDEN AMERICA CORPORATION
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POWER LINE CONDUCTED INTERFERENCE

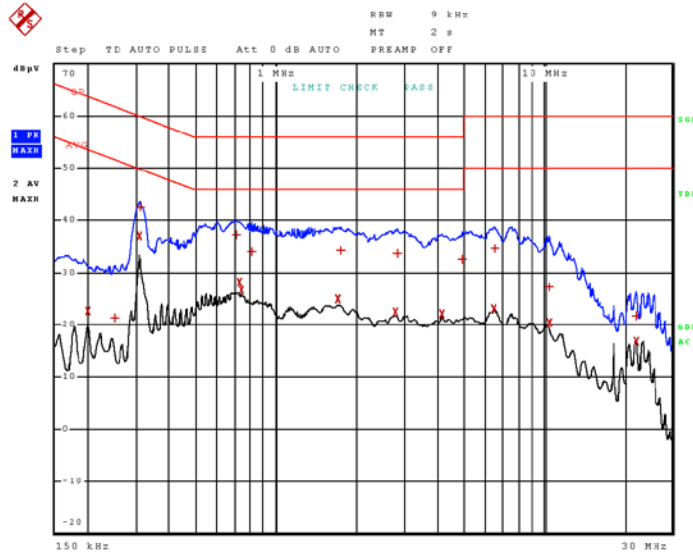
Test Data: Scanning, Line 2 Peak Plot

05.Sep.19 17:44

Time Domain Scan (1 Range)

Scan Start: 150 kHz
 Scan Stop: 30 MHz
 Detector: Trace 1: MAX PEAK Trace 2: Average
 Transducer: tdf_20

Start Frequency	Stop Frequency	Step Size	Res BW	Meas Time	RF Atten	Preamp	Input
150.000000 kHz	30.000000 MHz	2.25 kHz	9.00 kHz	500 ms	Auto	0 dB	INPUT2



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Results Meets Requirements

Applicant: UNIDEN AMERICA CORPORATION
 FCC ID: AMWUB367
 IC: 513C-UB367
 Report: 2316UT19TestReport_



POWER LINE CONDUCTED INTERFERENCE

Test Data: Scanning, Line 2 Peak Table

05.Sep 19 17:44

Final Measurement

Meas Time: 2 s
 Margin: 60 dB
 Subranges: 20

Trace	Frequency	Level (dBµV)	Detector	Delta Limit/dB
2	197.250000000 kHz	22.68	Average	-31.05
1	246.750000000 kHz	21.35	Quasi Peak	-40.52
2	307.500000000 kHz	36.95	Average	-13.09
1	309.750000000 kHz	42.50	Quasi Peak	-17.48
1	705.750000000 kHz	37.16	Quasi Peak	-18.84
2	723.750000000 kHz	28.21	Average	-17.79
2	739.500000000 kHz	26.58	Average	-19.42
1	809.250000000 kHz	34.07	Quasi Peak	-21.93
2	1.702500000 MHz	24.89	Average	-21.11
1	1.745250000 MHz	34.21	Quasi Peak	-21.79
2	2.789250000 MHz	22.36	Average	-23.64
1	2.827500000 MHz	33.58	Quasi Peak	-22.42
2	4.152750000 MHz	22.07	Average	-23.93
1	4.987500000 MHz	32.40	Quasi Peak	-23.60
2	6.526500000 MHz	22.95	Average	-27.05
1	6.535500000 MHz	34.48	Quasi Peak	-25.52
2	10.398750000 MHz	20.31	Average	-29.69
1	10.479750000 MHz	27.12	Quasi Peak	-32.88
2	22.047000000 MHz	16.70	Average	-33.30
1	22.103250000 MHz	21.62	Quasi Peak	-38.38

Transducer Table

Name: tdf_20
 Interpolation: LIN
 Comment: ANS 25/2 Primary LISN IL Line 1 + Coax Cable IL

Frequency	Factor (dB)	7.00 MHz	0.63
150.00 kHz	0.19	10.00 MHz	0.88
170.00 kHz	0.17	15.00 MHz	1.08
200.00 kHz	0.16	20.00 MHz	1.01
250.00 kHz	0.13	30.00 MHz	1.80
300.00 kHz	0.12		
350.00 kHz	0.12		
400.00 kHz	0.11		
500.00 kHz	0.12		
600.00 kHz	0.12		
700.00 kHz	0.11		
800.00 kHz	0.13		
900.00 kHz	0.12		
1.00 MHz	0.21		
1.20 MHz	0.22		
1.50 MHz	0.28		
2.00 MHz	0.37		
2.50 MHz	0.41		
3.00 MHz	0.59		
4.00 MHz	0.40		
5.00 MHz	0.47		

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Results Meets Requirements

Applicant: UNIDEN AMERICA CORPORATION
 FCC ID: AMWUB367
 IC: 513C-UB367
 Report: 2316UT19TestReport_

POWER LINE CONDUCTED INTERFERENCE

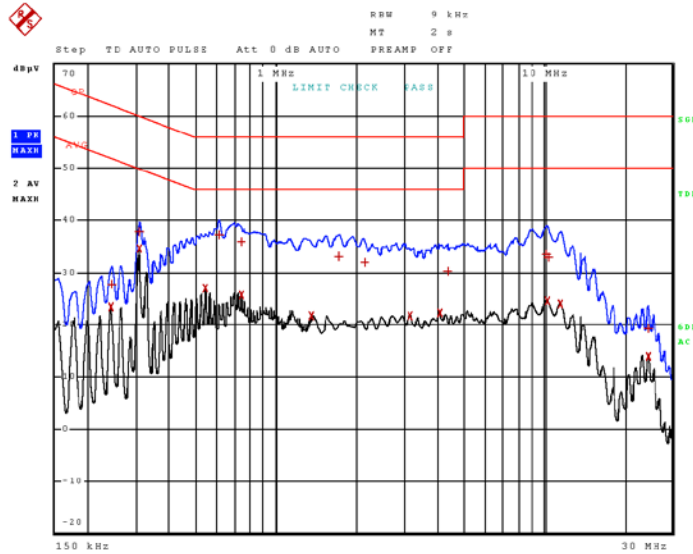
Test Data: Tuned to 25 MHz, Line 1 Peak Plot

05.Sep.19 16:35

Time Domain Scan (1 Range)

Scan Start: 150 kHz
 Scan Stop: 30 MHz
 Detector: Trace 1: MAX PEAK Trace 2: Average
 Transducer: tdf_20

Start Frequency	Stop Frequency	Step Size	Res BW	Meas Time	RF Atten	Preamp	Input
150.000000 kHz	30.000000 MHz	2.25 kHz	9.00 kHz	500 ms	Auto	0 dB	INPUT2



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Results Meets Requirements

Applicant: UNIDEN AMERICA CORPORATION
 FCC ID: AMWUB367
 IC: 513C-UB367
 Report: 2316UT19TestReport_



POWER LINE CONDUCTED INTERFERENCE

Test Data: Tuned to 25 MHz, Line 1 Peak Table

05.Sep.19 16:35

Final Measurement

Meas Time: 2 s
 Margin: 60 dB
 Subranges: 20

Trace	Frequency	Level (dBµV)	Detector	Delta Limit/dB
2	240.000000000 kHz	23.47	Average	-28.62
1	242.250000000 kHz	27.82	Quasi Peak	-34.20
2	305.250000000 kHz	34.48	Average	-15.62
1	307.500000000 kHz	37.78	Quasi Peak	-22.26
2	543.750000000 kHz	26.92	Average	-19.08
1	613.500000000 kHz	37.22	Quasi Peak	-18.78
1	737.250000000 kHz	35.79	Quasi Peak	-20.21
2	737.250000000 kHz	25.72	Average	-20.28
2	1.349250000 MHz	21.69	Average	-24.31
1	1.711500000 MHz	32.99	Quasi Peak	-23.01
1	2.139000000 MHz	31.98	Quasi Peak	-24.02
2	3.153750000 MHz	21.71	Average	-24.29
2	4.062750000 MHz	22.33	Average	-23.67
1	4.348500000 MHz	30.25	Quasi Peak	-25.75
1	10.245750000 MHz	33.48	Quasi Peak	-26.52
2	10.295250000 MHz	24.60	Average	-25.40
1	10.421250000 MHz	32.91	Quasi Peak	-27.09
2	11.460750000 MHz	24.05	Average	-25.95
1	24.492750000 MHz	19.21	Quasi Peak	-40.79
2	24.504000000 MHz	14.01	Average	-35.99

Transducer Table

Name: tdf_20
 Interpolation: LIN
 Comment: ANS 25/2 Primary LISN IL Line 1 + Coax Cable IL

Frequency	Factor (dB)	7.00 MHz	0.63
150.00 kHz	0.19	10.00 MHz	0.88
170.00 kHz	0.17	15.00 MHz	1.08
200.00 kHz	0.16	20.00 MHz	1.01
250.00 kHz	0.13	30.00 MHz	1.80
300.00 kHz	0.12		
350.00 kHz	0.12		
400.00 kHz	0.11		
500.00 kHz	0.12		
600.00 kHz	0.12		
700.00 kHz	0.11		
800.00 kHz	0.13		
900.00 kHz	0.12		
1.00 MHz	0.21		
1.20 MHz	0.22		
1.50 MHz	0.28		
2.00 MHz	0.37		
2.50 MHz	0.41		
3.00 MHz	0.59		
4.00 MHz	0.40		
5.00 MHz	0.47		

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Results Meets Requirements

Applicant: UNIDEN AMERICA CORPORATION
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 IC: 513C-UB367
 Report: 2316UT19TestReport_

POWER LINE CONDUCTED INTERFERENCE

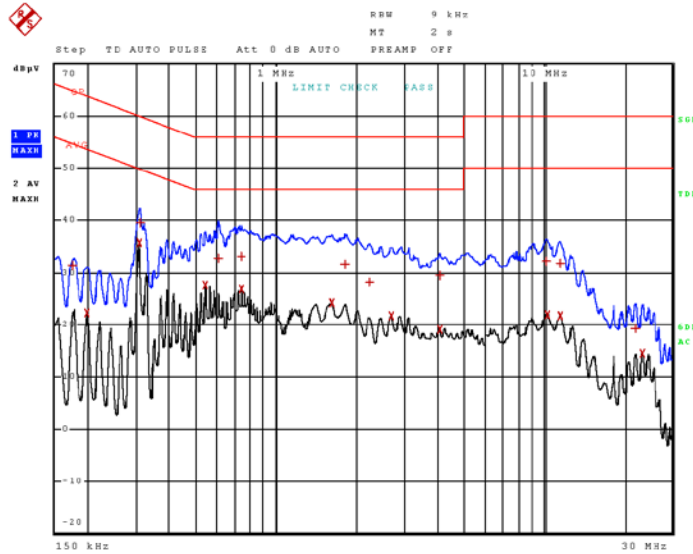
Test Data: Tuned to 25 MHz, Line 2 Peak Plot

05.Sep.19 16:33

Time Domain Scan (1 Range)

Scan Start: 150 kHz
 Scan Stop: 30 MHz
 Detector: Trace 1: MAX PEAK Trace 2: Average
 Transducer: tdf_20

Start Frequency	Stop Frequency	Step Size	Res BW	Meas Time	RF Atten	Preamp	Input
150.000000 kHz	30.000000 MHz	2.25 kHz	9.00 kHz	500 ms	Auto	0 dB	INPUT2



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Results Meets Requirements

Applicant: UNIDEN AMERICA CORPORATION
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 IC: 513C-UB367
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POWER LINE CONDUCTED INTERFERENCE

Test Data: Tuned to 25 MHz, Line 2 Peak Table

05.Sep.19 16:33

Final Measurement

Meas Time: 2 s
 Margin: 60 dB
 Subranges: 20

Trace	Frequency	Level (dBµV)	Detector	Delta Limit/dB
1	174.750000000 kHz	31.32	Quasi Peak	-33.41
2	195.000000000 kHz	22.33	Average	-31.49
2	305.250000000 kHz	35.68	Average	-14.42
1	309.750000000 kHz	39.37	Quasi Peak	-20.61
2	543.750000000 kHz	27.52	Average	-18.48
1	609.000000000 kHz	32.57	Quasi Peak	-23.43
2	737.250000000 kHz	26.78	Average	-19.22
1	739.500000000 kHz	33.11	Quasi Peak	-22.89
2	1.612500000 MHz	24.13	Average	-21.87
1	1.808250000 MHz	31.47	Quasi Peak	-24.53
1	2.233500000 MHz	28.21	Quasi Peak	-27.79
2	2.685750000 MHz	21.68	Average	-24.32
2	4.065000000 MHz	19.13	Average	-26.87
1	4.089750000 MHz	29.43	Quasi Peak	-26.57
1	10.162500000 MHz	32.12	Quasi Peak	-27.88
2	10.293000000 MHz	21.93	Average	-28.07
1	11.454000000 MHz	31.68	Quasi Peak	-28.32
2	11.465250000 MHz	21.65	Average	-28.35
1	21.970500000 MHz	19.26	Quasi Peak	-40.74
2	23.295750000 MHz	14.54	Average	-35.46

Transducer Table

Name: tdf_20
 Interpolation: LIN
 Comment: ANS 25/2 Primary LISN IL Line 1 + Coax Cable IL

Frequency	Factor (dB)	7.00 MHz	0.63
150.00 kHz	0.19	10.00 MHz	0.88
170.00 kHz	0.17	15.00 MHz	1.08
200.00 kHz	0.16	20.00 MHz	1.01
250.00 kHz	0.13	30.00 MHz	1.80
300.00 kHz	0.12		
350.00 kHz	0.12		
400.00 kHz	0.11		
500.00 kHz	0.12		
600.00 kHz	0.12		
700.00 kHz	0.11		
800.00 kHz	0.13		
900.00 kHz	0.12		
1.00 MHz	0.21		
1.20 MHz	0.22		
1.50 MHz	0.28		
2.00 MHz	0.37		
2.50 MHz	0.41		
3.00 MHz	0.59		
4.00 MHz	0.40		
5.00 MHz	0.47		

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Results Meets Requirements

Applicant: UNIDEN AMERICA CORPORATION
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 IC: 513C-UB367
 Report: 2316UT19TestReport_

POWER LINE CONDUCTED INTERFERENCE

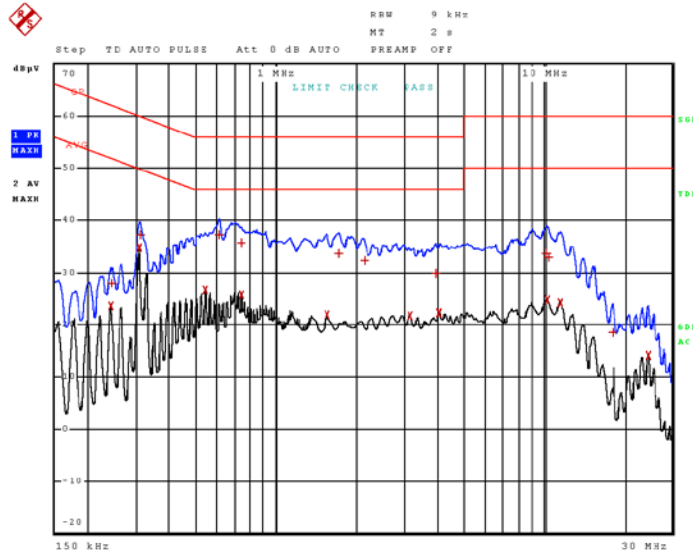
Test Data: Tuned to 54 MHz, Line 1 Peak Plot

05.Sep.19 16:38

Time Domain Scan (1 Range)

Scan Start: 150 kHz
 Scan Stop: 30 MHz
 Detector: Trace 1: MAX PEAK Trace 2: Average
 Transducer: tdf_20

Start Frequency	Stop Frequency	Step Size	Res BW	Meas Time	RF Atten	Preamp	Input
150.000000 kHz	30.000000 MHz	2.25 kHz	9.00 kHz	500 ms	Auto	0 dB	INPUT2



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Results Meets Requirements

Applicant: UNIDEN AMERICA CORPORATION
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 IC: 513C-UB367
 Report: 2316UT19TestReport_

POWER LINE CONDUCTED INTERFERENCE

Test Data: Tuned to 54 MHz, Line 1 Peak Table

05.Sep.19 16:38

Final Measurement

Meas Time: 2 s
 Margin: 60 dB
 Subranges: 20

Trace	Frequency	Level (dBµV)	Detector	Delta Limit/dB
2	240.000000000 kHz	23.50	Average	-28.59
1	242.250000000 kHz	27.91	Quasi Peak	-34.11
2	305.250000000 kHz	34.68	Average	-15.42
1	309.750000000 kHz	37.21	Quasi Peak	-22.77
2	543.750000000 kHz	26.65	Average	-19.35
1	613.500000000 kHz	37.22	Quasi Peak	-18.78
1	737.250000000 kHz	35.63	Quasi Peak	-20.37
2	739.500000000 kHz	25.63	Average	-20.37
2	1.545000000 MHz	21.80	Average	-24.20
1	1.720500000 MHz	33.54	Quasi Peak	-22.46
1	2.127750000 MHz	32.31	Quasi Peak	-23.69
2	3.153750000 MHz	21.66	Average	-24.34
1	3.939000000 MHz	29.07	Quasi Peak	-26.13
2	4.056000000 MHz	22.35	Average	-23.65
1	10.245750000 MHz	33.62	Quasi Peak	-26.38
2	10.275000000 MHz	24.69	Average	-25.31
1	10.403250000 MHz	32.80	Quasi Peak	-27.20
2	11.456250000 MHz	24.05	Average	-25.95
1	18.003750000 MHz	18.43	Quasi Peak	-41.57
2	24.492750000 MHz	14.06	Average	-35.94

Transducer Table

Name: tdf_20
 Interpolation: LIN
 Comment: ANS 25/2 Primary LISN IL Line 1 + Coax Cable IL

Frequency	Factor (dB)	7.00 MHz	0.63
150.00 kHz	0.19	10.00 MHz	0.88
170.00 kHz	0.17	15.00 MHz	1.08
200.00 kHz	0.16	20.00 MHz	1.01
250.00 kHz	0.13	30.00 MHz	1.80
300.00 kHz	0.12		
350.00 kHz	0.12		
400.00 kHz	0.11		
500.00 kHz	0.12		
600.00 kHz	0.12		
700.00 kHz	0.11		
800.00 kHz	0.13		
900.00 kHz	0.12		
1.00 MHz	0.21		
1.20 MHz	0.22		
1.50 MHz	0.20		
2.00 MHz	0.37		
2.50 MHz	0.41		
3.00 MHz	0.59		
4.00 MHz	0.40		
5.00 MHz	0.47		

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Results Meets Requirements

Applicant: UNIDEN AMERICA CORPORATION
 FCC ID: AMWUB367
 IC: 513C-UB367
 Report: 2316UT19TestReport_

POWER LINE CONDUCTED INTERFERENCE

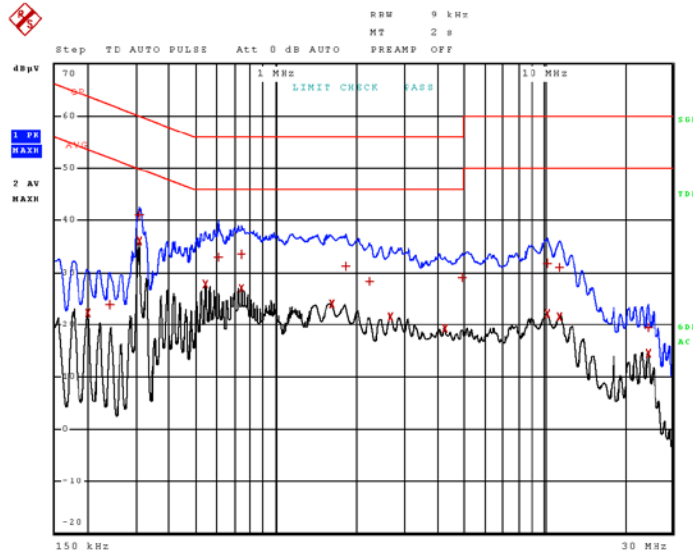
Test Data: Tuned to 54 MHz, Line 2 Peak Plot

05.Sep.19 16:41

Time Domain Scan (1 Range)

Scan Start: 150 kHz
 Scan Stop: 30 MHz
 Detector: Trace 1: MAX PEAK Trace 2: Average
 Transducer: tdf_20

Start Frequency	Stop Frequency	Step Size	Res BW	Meas Time	RF Atten	Preamp	Input
150.000000 kHz	30.000000 MHz	2.25 kHz	9.00 kHz	500 ms	Auto	0 dB	INPUT2



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Results Meets Requirements

Applicant: UNIDEN AMERICA CORPORATION
 FCC ID: AMWUB367
 IC: 513C-UB367
 Report: 2316UT19TestReport_



POWER LINE CONDUCTED INTERFERENCE

Test Data: Tuned to 54 MHz, Line 2 Peak Table

05.Sep.19 16:41

Final Measurement

Meas Time: 2 s
Margin: 60 dB
Subranges: 20

Trace	Frequency	Level (dBµV)	Detector	Delta Limit/dB
2	197.250000000 kHz	22.24	Average	-31.48
1	237.750000000 kHz	23.79	Quasi Peak	-38.38
2	305.250000000 kHz	36.03	Average	-14.07
1	307.500000000 kHz	40.92	Quasi Peak	-19.12
2	543.750000000 kHz	27.68	Average	-18.32
1	609.000000000 kHz	32.75	Quasi Peak	-23.25
1	739.500000000 kHz	33.38	Quasi Peak	-22.62
2	739.500000000 kHz	26.90	Average	-19.10
2	1.610250000 MHz	24.05	Average	-21.95
1	1.819500000 MHz	31.20	Quasi Peak	-24.80
1	2.235750000 MHz	28.34	Quasi Peak	-27.66
2	2.672250000 MHz	21.41	Average	-24.59
2	4.242750000 MHz	19.20	Average	-26.80
1	4.994250000 MHz	28.98	Quasi Peak	-27.02
1	10.275000000 MHz	31.79	Quasi Peak	-28.21
2	10.281750000 MHz	22.06	Average	-27.94
1	11.368500000 MHz	31.01	Quasi Peak	-28.99
2	11.391000000 MHz	21.51	Average	-28.49
1	24.425250000 MHz	19.35	Quasi Peak	-40.65
2	24.468000000 MHz	14.47	Average	-35.53

Transducer Table

Name: tdf_20
Interpolation: LIN
Comment: ANS 25/2 Primary LISN IL Line 1 + Coax Cable IL

Frequency	Factor (dB)	7.00 MHz	0.63
150.00 kHz	0.19	10.00 MHz	0.88
170.00 kHz	0.17	15.00 MHz	1.08
200.00 kHz	0.16	20.00 MHz	1.01
250.00 kHz	0.13	30.00 MHz	1.80
300.00 kHz	0.12		
350.00 kHz	0.12		
400.00 kHz	0.11		
500.00 kHz	0.12		
600.00 kHz	0.12		
700.00 kHz	0.11		
800.00 kHz	0.13		
900.00 kHz	0.12		
1.00 MHz	0.21		
1.20 MHz	0.22		
1.50 MHz	0.28		
2.00 MHz	0.37		
2.50 MHz	0.41		
3.00 MHz	0.59		
4.00 MHz	0.40		
5.00 MHz	0.47		

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Results Meets Requirements

Applicant: UNIDEN AMERICA CORPORATION
FCC ID: AMWUB367
IC: 513C-UB367
Report: 2316UT19TestReport_

POWER LINE CONDUCTED INTERFERENCE

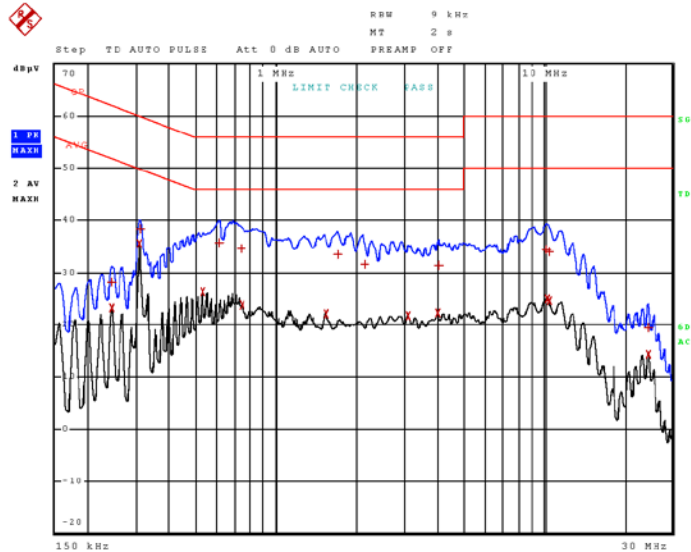
Test Data: Tuned to 108 MHz, Line 1 Peak Plot

05.Sep.19 16:47

Time Domain Scan (1 Range)

Scan Start: 150 kHz
 Scan Stop: 30 MHz
 Detector: Trace 1: MAX PEAK Trace 2: Average
 Transducer: tdf_20

Start Frequency	Stop Frequency	Step Size	Res BW	Meas Time	RF Atten	Preamp	Input
150.000000 kHz	30.000000 MHz	2.25 kHz	9.00 kHz	500 ms	Auto	0 dB	INPUT2



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Results Meets Requirements

Applicant: UNIDEN AMERICA CORPORATION
 FCC ID: AMWUB367
 IC: 513C-UB367
 Report: 2316UT19TestReport_

POWER LINE CONDUCTED INTERFERENCE

Test Data: Tuned to 108 MHz, Line 1 Peak Table

05.Sep.19 16:47

Final Measurement

Meas Time: 2 s
 Margin: 60 dB
 Subranges: 20

Trace	Frequency	Level (dBµV)	Detector	Delta Limit/dB
1	242.250000000 kHz	28.17	Quasi Peak	-33.85
2	242.250000000 kHz	23.29	Average	-28.73
2	307.500000000 kHz	35.49	Average	-14.55
1	309.750000000 kHz	38.38	Quasi Peak	-21.59
2	528.000000000 kHz	26.13	Average	-19.87
1	611.250000000 kHz	35.64	Quasi Peak	-20.36
1	737.250000000 kHz	34.62	Quasi Peak	-21.38
2	746.250000000 kHz	23.77	Average	-22.23
2	1.529250000 MHz	22.11	Average	-23.89
1	1.704750000 MHz	33.46	Quasi Peak	-22.54
1	2.123250000 MHz	31.48	Quasi Peak	-24.52
2	3.113250000 MHz	21.71	Average	-24.29
2	4.011000000 MHz	22.28	Average	-23.72
1	4.031250000 MHz	31.37	Quasi Peak	-24.63
1	10.189500000 MHz	34.32	Quasi Peak	-25.68
2	10.263750000 MHz	24.86	Average	-25.14
1	10.434750000 MHz	33.89	Quasi Peak	-26.11
2	10.446000000 MHz	24.58	Average	-25.42
1	24.472500000 MHz	19.49	Quasi Peak	-40.51
2	24.501750000 MHz	14.35	Average	-35.65

Transducer Table

Name: tdf_20
 Interpolation: LIN
 Comment: ANS 25/2 Primary LISN IL Line 1 + Coax Cable IL

Frequency	Factor (dB)	7.00 MHz	0.63
150.00 kHz	0.19	10.00 MHz	0.88
170.00 kHz	0.17	15.00 MHz	1.08
200.00 kHz	0.16	20.00 MHz	1.01
250.00 kHz	0.13	30.00 MHz	1.80
300.00 kHz	0.12		
350.00 kHz	0.12		
400.00 kHz	0.11		
500.00 kHz	0.12		
600.00 kHz	0.12		
700.00 kHz	0.11		
800.00 kHz	0.13		
900.00 kHz	0.12		
1.00 MHz	0.21		
1.20 MHz	0.22		
1.50 MHz	0.28		
2.00 MHz	0.37		
2.50 MHz	0.41		
3.00 MHz	0.59		
4.00 MHz	0.40		
5.00 MHz	0.47		

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Results Meets Requirements

Applicant: UNIDEN AMERICA CORPORATION
 FCC ID: AMWUB367
 IC: 513C-UB367
 Report: 2316UT19TestReport_

POWER LINE CONDUCTED INTERFERENCE

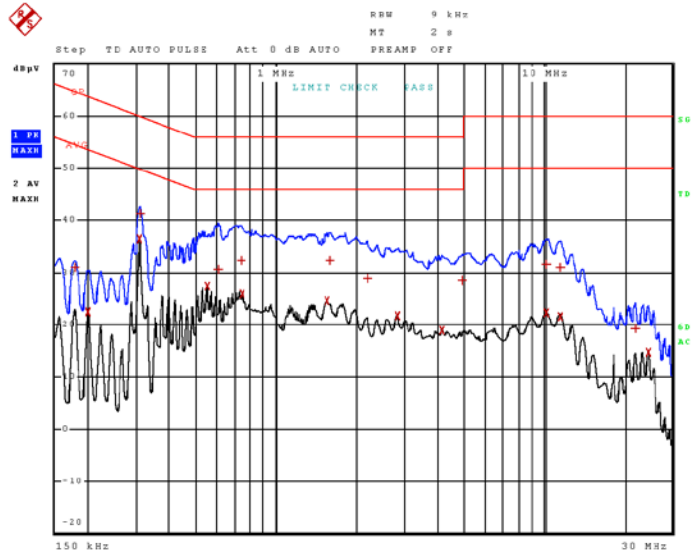
Test Data: Tuned to 108 MHz, Line 2 Peak Plot

05.Sep.19 16:45

Time Domain Scan (1 Range)

Scan Start: 150 kHz
 Scan Stop: 30 MHz
 Detector: Trace 1: MAX PEAK Trace 2: Average
 Transducer: tdf_20

Start Frequency	Stop Frequency	Step Size	Res BW	Meas Time	RF Atten	Preamp	Input
150.000000 kHz	30.000000 MHz	2.25 kHz	9.00 kHz	500 ms	Auto	0 dB	INPUT2



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Results Meets Requirements

Applicant: UNIDEN AMERICA CORPORATION
 FCC ID: AMWUB367
 IC: 513C-UB367
 Report: 2316UT19TestReport_

POWER LINE CONDUCTED INTERFERENCE

Test Data: Tuned to 108 MHz, Line 2 Peak Table

05.Sep.19 16:45

Final Measurement

Meas Time: 2 s
 Margin: 60 dB
 Subranges: 20

Trace	Frequency	Level (dBµV)	Detector	Delta Limit/dB
1	177.000000000 kHz	30.87	Quasi Peak	-33.76
2	197.250000000 kHz	22.42	Average	-31.31
2	307.500000000 kHz	36.51	Average	-13.53
1	309.750000000 kHz	41.21	Quasi Peak	-18.76
2	550.500000000 kHz	27.33	Average	-18.67
1	606.750000000 kHz	30.67	Quasi Peak	-25.33
1	737.250000000 kHz	32.34	Quasi Peak	-23.66
2	746.250000000 kHz	25.86	Average	-20.14
2	1.549500000 MHz	24.50	Average	-21.50
1	1.592250000 MHz	32.27	Quasi Peak	-23.73
1	2.190750000 MHz	28.82	Quasi Peak	-27.18
2	2.823000000 MHz	21.69	Average	-24.31
2	4.146000000 MHz	18.86	Average	-27.14
1	4.989750000 MHz	28.53	Quasi Peak	-27.47
1	10.185000000 MHz	31.47	Quasi Peak	-28.53
2	10.185000000 MHz	22.18	Average	-27.82
1	11.460750000 MHz	30.87	Quasi Peak	-29.13
2	11.472000000 MHz	21.51	Average	-28.49
1	21.869250000 MHz	19.28	Quasi Peak	-40.72
2	24.501750000 MHz	14.78	Average	-35.22

Transducer Table

Name: tdf_20
 Interpolation: LIN
 Comment: ANS 25/2 Primary LISN IL Line 1 + Coax Cable IL

Frequency	Factor (dB)	7.00 MHz	0.63
150.00 kHz	0.19	10.00 MHz	0.88
170.00 kHz	0.17	15.00 MHz	1.08
200.00 kHz	0.16	20.00 MHz	1.01
250.00 kHz	0.13	30.00 MHz	1.80
300.00 kHz	0.12		
350.00 kHz	0.12		
400.00 kHz	0.11		
500.00 kHz	0.12		
600.00 kHz	0.12		
700.00 kHz	0.11		
800.00 kHz	0.13		
900.00 kHz	0.12		
1.00 MHz	0.21		
1.20 MHz	0.22		
1.50 MHz	0.28		
2.00 MHz	0.37		
2.50 MHz	0.41		
3.00 MHz	0.59		
4.00 MHz	0.40		
5.00 MHz	0.47		

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Results Meets Requirements

Applicant: UNIDEN AMERICA CORPORATION
 FCC ID: AMWUB367
 IC: 513C-UB367
 Report: 2316UT19TestReport_

POWER LINE CONDUCTED INTERFERENCE

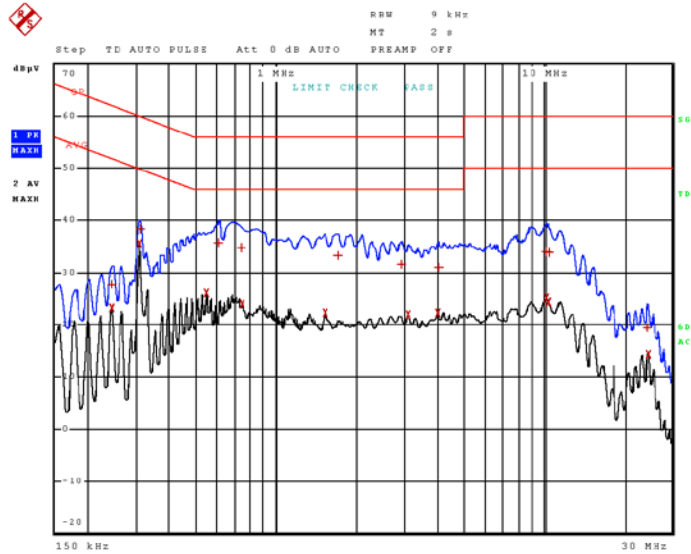
Test Data: Tuned to 174 MHz, Line 1 Peak Plot

05.Sep.19 16:55

Time Domain Scan (1 Range)

Scan Start: 150 kHz
 Scan Stop: 30 MHz
 Detector: Trace 1: MAX PEAK Trace 2: Average
 Transducer: tdf_20

Start Frequency	Stop Frequency	Step Size	Res BW	Meas Time	RF Atten	Preamp	Input
150.000000 kHz	30.000000 MHz	2.25 kHz	9.00 kHz	500 ms	Auto	0 dB	INPUT2



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Results Meets Requirements

Applicant: UNIDEN AMERICA CORPORATION
 FCC ID: AMWUB367
 IC: 513C-UB367
 Report: 2316UT19TestReport_



POWER LINE CONDUCTED INTERFERENCE

Test Data: Tuned to 174 MHz, Line 1 Peak Table

05.Sep.19 16:55

Final Measurement

Meas Time: 2 s
 Margin: 60 dB
 Subranges: 20

Trace	Frequency	Level (dBµV)	Detector	Delta Limit/dB
2	242.250000000 kHz	23.18	Average	-28.84
1	244.500000000 kHz	27.72	Quasi Peak	-34.23
2	307.500000000 kHz	35.44	Average	-14.60
1	309.750000000 kHz	38.27	Quasi Peak	-21.71
2	548.250000000 kHz	26.12	Average	-19.88
1	609.000000000 kHz	35.65	Quasi Peak	-20.35
1	739.500000000 kHz	34.69	Quasi Peak	-21.31
2	746.250000000 kHz	23.91	Average	-22.09
2	1.527000000 MHz	22.22	Average	-23.78
1	1.695750000 MHz	33.24	Quasi Peak	-22.76
1	2.928750000 MHz	31.59	Quasi Peak	-24.41
2	3.102000000 MHz	21.81	Average	-24.19
2	4.017750000 MHz	22.33	Average	-23.67
1	4.035750000 MHz	31.04	Quasi Peak	-24.96
1	10.162500000 MHz	33.93	Quasi Peak	-26.07
2	10.196250000 MHz	25.08	Average	-24.92
1	10.401000000 MHz	33.82	Quasi Peak	-26.18
2	10.405500000 MHz	24.30	Average	-25.70
1	24.362250000 MHz	19.47	Quasi Peak	-40.53
2	24.501750000 MHz	14.40	Average	-35.60

Transducer Table

Name: tdf_20
 Interpolation: LIN
 Comment: ANS 25/2 Primary LISN IL Line 1 + Coax Cable IL

Frequency	Factor (dB)	7.00 MHz	0.63
150.00 kHz	0.19	10.00 MHz	0.88
170.00 kHz	0.17	15.00 MHz	1.08
200.00 kHz	0.16	20.00 MHz	1.01
250.00 kHz	0.13	30.00 MHz	1.80
300.00 kHz	0.12		
350.00 kHz	0.12		
400.00 kHz	0.11		
500.00 kHz	0.12		
600.00 kHz	0.12		
700.00 kHz	0.11		
800.00 kHz	0.13		
900.00 kHz	0.12		
1.00 MHz	0.21		
1.20 MHz	0.22		
1.50 MHz	0.28		
2.00 MHz	0.37		
2.50 MHz	0.41		
3.00 MHz	0.59		
4.00 MHz	0.40		
5.00 MHz	0.47		

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Results Meets Requirements

Applicant: UNIDEN AMERICA CORPORATION
 FCC ID: AMWUB367
 IC: 513C-UB367
 Report: 2316UT19TestReport_

POWER LINE CONDUCTED INTERFERENCE

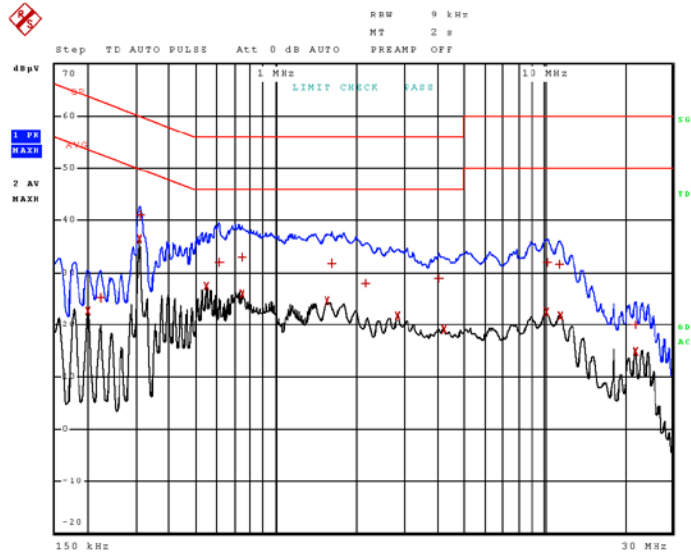
Test Data: Tuned to 174 MHz, Line 2 Peak Plot

05.Sep.19 16:58

Time Domain Scan (1 Range)

Scan Start: 150 kHz
 Scan Stop: 30 MHz
 Detector: Trace 1: MAX PEAK Trace 2: Average
 Transducer: tdf_20

Start Frequency	Stop Frequency	Step Size	Res BW	Meas Time	RF Atten	Preamp	Input
150.000000 kHz	30.000000 MHz	2.25 kHz	9.00 kHz	500 ms	Auto	0 dB	INPUT2



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Results Meets Requirements

Applicant: UNIDEN AMERICA CORPORATION
 FCC ID: AMWUB367
 IC: 513C-UB367
 Report: 2316UT19TestReport_

POWER LINE CONDUCTED INTERFERENCE

Test Data: Tuned to 174 MHz, Line 2 Peak Table

05.Sep.19 16:58

Final Measurement

Meas Time: 2 s
 Margin: 60 dB
 Subranges: 20

Trace	Frequency	Level (dBµV)	Detector	Delta Limit/dB
2	197.250000000 kHz	22.58	Average	-31.14
1	219.750000000 kHz	25.19	Quasi Peak	-37.64
2	307.500000000 kHz	36.45	Average	-13.59
1	309.750000000 kHz	41.03	Quasi Peak	-18.95
2	548.250000000 kHz	27.38	Average	-18.62
1	611.250000000 kHz	31.94	Quasi Peak	-24.06
1	746.250000000 kHz	32.92	Quasi Peak	-23.08
2	746.250000000 kHz	25.78	Average	-20.22
2	1.547250000 MHz	24.51	Average	-21.49
1	1.617000000 MHz	31.64	Quasi Peak	-24.36
1	2.163750000 MHz	28.00	Quasi Peak	-28.00
2	2.838750000 MHz	21.62	Average	-24.38
1	4.042500000 MHz	28.95	Quasi Peak	-27.05
2	4.211250000 MHz	19.03	Average	-26.97
2	10.187250000 MHz	22.36	Average	-27.64
1	10.268250000 MHz	31.83	Quasi Peak	-28.17
1	11.366250000 MHz	31.53	Quasi Peak	-28.47
2	11.501250000 MHz	21.78	Average	-28.22
2	21.896250000 MHz	14.95	Average	-35.05
1	21.907500000 MHz	20.03	Quasi Peak	-39.97

Transducer Table

Name: tdf_20
 Interpolation: LIN
 Comment: ANS 25/2 Primary LISN IL Line 1 + Coax Cable IL

Frequency	Factor (dB)	7.00 MHz	0.63
150.00 kHz	0.19	10.00 MHz	0.88
170.00 kHz	0.17	15.00 MHz	1.08
200.00 kHz	0.16	20.00 MHz	1.01
250.00 kHz	0.13	30.00 MHz	1.80
300.00 kHz	0.12		
350.00 kHz	0.12		
400.00 kHz	0.11		
500.00 kHz	0.12		
600.00 kHz	0.12		
700.00 kHz	0.11		
800.00 kHz	0.13		
900.00 kHz	0.12		
1.00 MHz	0.21		
1.20 MHz	0.22		
1.50 MHz	0.28		
2.00 MHz	0.37		
2.50 MHz	0.41		
3.00 MHz	0.59		
4.00 MHz	0.40		
5.00 MHz	0.47		

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Results Meets Requirements

Applicant: UNIDEN AMERICA CORPORATION
 FCC ID: AMWUB367
 IC: 513C-UB367
 Report: 2316UT19TestReport_

POWER LINE CONDUCTED INTERFERENCE

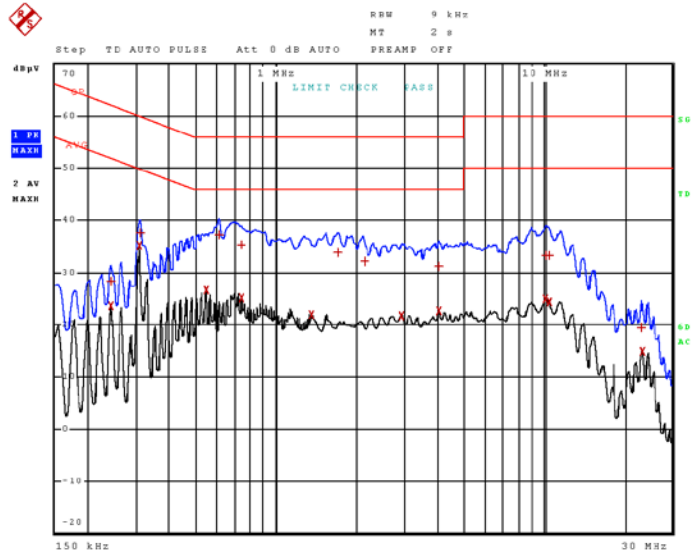
Test Data: Tuned to 406 MHz, Line 1 Peak Plot

05.Sep.19 17:03

Time Domain Scan (1 Range)

Scan Start: 150 kHz
 Scan Stop: 30 MHz
 Detector: Trace 1: MAX PEAK Trace 2: Average
 Transducer: tdf_20

Start Frequency	Stop Frequency	Step Size	Res BW	Meas Time	RF Atten	Preamp	Input
150.000000 kHz	30.000000 MHz	2.25 kHz	9.00 kHz	500 ms	Auto	0 dB	INPUT2



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Results Meets Requirements

Applicant: UNIDEN AMERICA CORPORATION
 FCC ID: AMWUB367
 IC: 513C-UB367
 Report: 2316UT19TestReport_



POWER LINE CONDUCTED INTERFERENCE

Test Data: Tuned to 406 MHz, Line 1 Peak Table

05.Sep.19 17:03

Final Measurement

Meas Time: 2 s
 Margin: 60 dB
 Subranges: 20

Trace	Frequency	Level (dBµV)	Detector	Delta Limit/dB
1	240.000000000 kHz	28.33	Quasi Peak	-33.77
2	240.000000000 kHz	23.52	Average	-28.57
2	305.250000000 kHz	35.11	Average	-14.99
1	309.750000000 kHz	37.63	Quasi Peak	-22.35
2	546.000000000 kHz	26.63	Average	-19.37
1	611.250000000 kHz	37.11	Quasi Peak	-18.89
1	737.250000000 kHz	35.38	Quasi Peak	-20.62
2	739.500000000 kHz	25.17	Average	-20.83
2	1.349250000 MHz	21.97	Average	-24.03
1	1.702500000 MHz	33.80	Quasi Peak	-22.20
1	2.130000000 MHz	32.03	Quasi Peak	-23.97
2	2.937750000 MHz	21.73	Average	-24.27
2	4.049250000 MHz	22.61	Average	-23.39
1	4.056000000 MHz	31.08	Quasi Peak	-24.92
2	10.104000000 MHz	24.81	Average	-25.19
1	10.194000000 MHz	33.31	Quasi Peak	-26.69
2	10.398750000 MHz	24.31	Average	-25.69
1	10.446000000 MHz	33.16	Quasi Peak	-26.84
1	23.113500000 MHz	19.46	Quasi Peak	-40.54
2	23.196750000 MHz	14.82	Average	-35.18

Transducer Table

Name: tdf_20
 Interpolation: LIN
 Comment: ANS 25/2 Primary LISN IL Line 1 + Coax Cable IL

Frequency	Factor (dB)	7.00 MHz	0.63
150.00 kHz	0.19	10.00 MHz	0.88
170.00 kHz	0.17	15.00 MHz	1.08
200.00 kHz	0.16	20.00 MHz	1.01
250.00 kHz	0.13	30.00 MHz	1.80
300.00 kHz	0.12		
350.00 kHz	0.12		
400.00 kHz	0.11		
500.00 kHz	0.12		
600.00 kHz	0.12		
700.00 kHz	0.11		
800.00 kHz	0.13		
900.00 kHz	0.12		
1.00 MHz	0.21		
1.20 MHz	0.22		
1.50 MHz	0.28		
2.00 MHz	0.37		
2.50 MHz	0.41		
3.00 MHz	0.59		
4.00 MHz	0.40		
5.00 MHz	0.47		

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Results Meets Requirements

Applicant: UNIDEN AMERICA CORPORATION
 FCC ID: AMWUB367
 IC: 513C-UB367
 Report: 2316UT19TestReport_

POWER LINE CONDUCTED INTERFERENCE

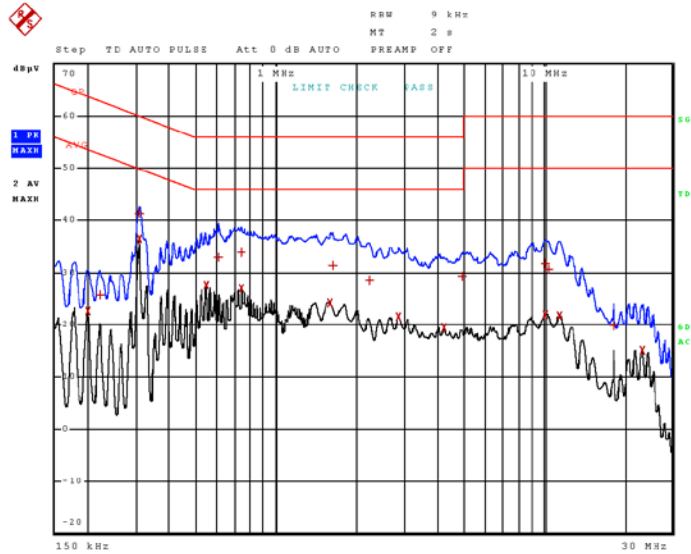
Test Data: Tuned to 406 MHz, Line 2 Peak Plot

05.Sep.19 17:00

Time Domain Scan (1 Range)

Scan Start: 150 kHz
 Scan Stop: 30 MHz
 Detector: Trace 1: MAX PEAK Trace 2: Average
 Transducer: tdf_20

Start Frequency	Stop Frequency	Step Size	Res BW	Meas Time	RF Atten	Preamp	Input
150.000000 kHz	30.000000 MHz	2.25 kHz	9.00 kHz	500 ms	Auto	0 dB	INPUT2



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Results Meets Requirements

Applicant: UNIDEN AMERICA CORPORATION
 FCC ID: AMWUB367
 IC: 513C-UB367
 Report: 2316UT19TestReport_

POWER LINE CONDUCTED INTERFERENCE

Test Data: Tuned to 406 MHz, Line 2 Peak Table

05.Sep.19 17:00

Final Measurement

Meas Time: 2 s
 Margin: 60 dB
 Subranges: 20

Trace	Frequency	Level (dBµV)	Detector	Delta Limit/dB
2	197.250000000 kHz	22.55	Average	-31.17
1	217.500000000 kHz	25.65	Quasi Peak	-37.26
2	305.250000000 kHz	36.38	Average	-13.72
1	307.500000000 kHz	41.23	Quasi Peak	-18.80
2	546.000000000 kHz	27.57	Average	-18.43
1	609.000000000 kHz	32.79	Quasi Peak	-23.21
1	739.500000000 kHz	33.77	Quasi Peak	-22.23
2	739.500000000 kHz	27.06	Average	-18.94
2	1.587750000 MHz	24.24	Average	-21.76
1	1.621500000 MHz	31.26	Quasi Peak	-24.74
1	2.222250000 MHz	28.41	Quasi Peak	-27.59
2	2.863500000 MHz	21.50	Average	-24.50
2	4.222500000 MHz	19.40	Average	-26.60
1	4.949250000 MHz	29.25	Quasi Peak	-26.75
1	10.079250000 MHz	31.74	Quasi Peak	-28.26
2	10.097250000 MHz	21.84	Average	-28.16
1	10.401000000 MHz	30.54	Quasi Peak	-29.46
2	11.409000000 MHz	21.73	Average	-28.27
1	18.179250000 MHz	19.75	Quasi Peak	-40.25
2	23.201250000 MHz	14.99	Average	-35.01

Transducer Table

Name: tdf_20
 Interpolation: LIN
 Comment: ANS 25/2 Primary LISN IL Line 1 + Coax Cable IL

Frequency	Factor (dB)	7.00 MHz	0.63
150.00 kHz	0.19	10.00 MHz	0.88
170.00 kHz	0.17	15.00 MHz	1.08
200.00 kHz	0.16	20.00 MHz	1.01
250.00 kHz	0.13	30.00 MHz	1.80
300.00 kHz	0.12		
350.00 kHz	0.12		
400.00 kHz	0.11		
500.00 kHz	0.12		
600.00 kHz	0.12		
700.00 kHz	0.11		
800.00 kHz	0.13		
900.00 kHz	0.12		
1.00 MHz	0.21		
1.20 MHz	0.22		
1.50 MHz	0.28		
2.00 MHz	0.37		
2.50 MHz	0.41		
3.00 MHz	0.59		
4.00 MHz	0.40		
5.00 MHz	0.47		

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Results Meets Requirements

Applicant: UNIDEN AMERICA CORPORATION
 FCC ID: AMWUB367
 IC: 513C-UB367
 Report: 2316UT19TestReport_

POWER LINE CONDUCTED INTERFERENCE

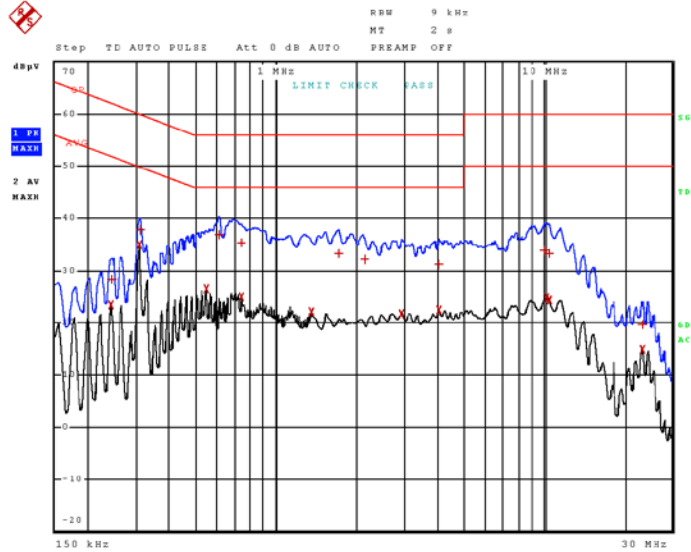
Test Data: Tuned to 512 MHz, Line 1 Peak Plot

05.Sep.19 17:06

Time Domain Scan (1 Range)

Scan Start: 150 kHz
 Scan Stop: 30 MHz
 Detector: Trace 1: MAX PEAK Trace 2: Average
 Transducer: tdf_20

Start Frequency	Stop Frequency	Step Size	Res BW	Meas Time	RF Atten	Preamp	Input
150.000000 kHz	30.000000 MHz	2.25 kHz	9.00 kHz	500 ms	Auto	0 dB	INPUT2



Page 1 of 2

Results Meets Requirements

Applicant: UNIDEN AMERICA CORPORATION
 FCC ID: AMWUB367
 IC: 513C-UB367
 Report: 2316UT19TestReport_



POWER LINE CONDUCTED INTERFERENCE

Test Data: Tuned to 512 MHz, Line 1 Peak Table

05.Sep.19 17:06

Final Measurement

Meas Time: 2 s
 Margin: 60 dB
 Subranges: 20

Trace	Frequency	Level (dBµV)	Detector	Delta Limit/dB
2	240.000000000 kHz	23.42	Average	-28.68
1	242.250000000 kHz	28.35	Quasi Peak	-33.67
2	307.500000000 kHz	34.96	Average	-15.08
1	309.750000000 kHz	37.82	Quasi Peak	-22.16
2	546.000000000 kHz	26.45	Average	-19.55
1	611.250000000 kHz	36.80	Quasi Peak	-19.20
1	737.250000000 kHz	35.27	Quasi Peak	-20.73
2	739.500000000 kHz	24.91	Average	-21.09
2	1.349250000 MHz	22.01	Average	-23.99
1	1.709250000 MHz	33.25	Quasi Peak	-22.75
1	2.125500000 MHz	32.10	Quasi Peak	-23.90
2	2.937750000 MHz	21.66	Average	-24.34
2	4.042500000 MHz	22.51	Average	-23.49
1	4.044750000 MHz	31.09	Quasi Peak	-24.91
1	10.072500000 MHz	33.77	Quasi Peak	-26.23
2	10.203000000 MHz	24.69	Average	-25.31
2	10.398750000 MHz	24.34	Average	-25.66
1	10.473000000 MHz	33.31	Quasi Peak	-26.69
2	23.255250000 MHz	14.83	Average	-35.17
1	23.302500000 MHz	19.66	Quasi Peak	-40.34

Transducer Table

Name: tdf_20
 Interpolation: LIN
 Comment: ANS 25/2 Primary LISN IL Line 1 + Coax Cable IL

Frequency	Factor (dB)	7.00 MHz	0.63
150.00 kHz	0.19	10.00 MHz	0.88
170.00 kHz	0.17	15.00 MHz	1.08
200.00 kHz	0.16	20.00 MHz	1.01
250.00 kHz	0.13	30.00 MHz	1.80
300.00 kHz	0.12		
350.00 kHz	0.12		
400.00 kHz	0.11		
500.00 kHz	0.12		
600.00 kHz	0.12		
700.00 kHz	0.11		
800.00 kHz	0.13		
900.00 kHz	0.12		
1.00 MHz	0.21		
1.20 MHz	0.22		
1.50 MHz	0.28		
2.00 MHz	0.37		
2.50 MHz	0.41		
3.00 MHz	0.59		
4.00 MHz	0.40		
5.00 MHz	0.47		

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Results Meets Requirements

Applicant: UNIDEN AMERICA CORPORATION
 FCC ID: AMWUB367
 IC: 513C-UB367
 Report: 2316UT19TestReport_

POWER LINE CONDUCTED INTERFERENCE

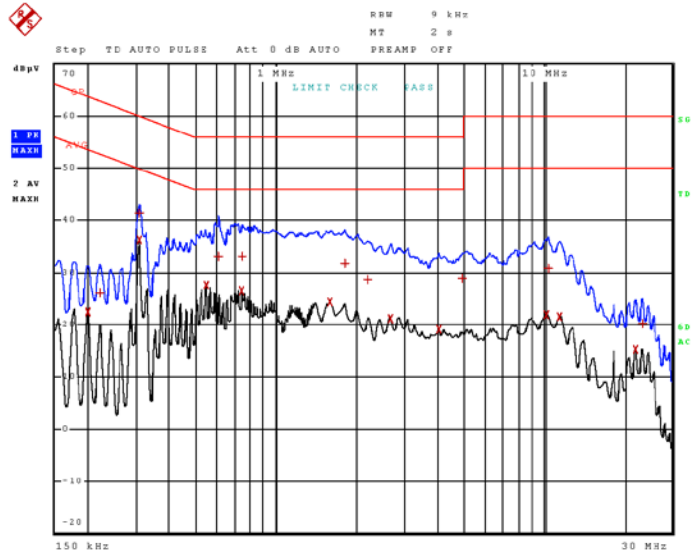
Test Data: Tuned to 512 MHz, Line 2 Peak Plot

05.Sep.19 17:09

Time Domain Scan (1 Range)

Scan Start: 150 kHz
 Scan Stop: 30 MHz
 Detector: Trace 1: MAX PEAK Trace 2: Average
 Transducer: tdf_20

Start Frequency	Stop Frequency	Step Size	Res BW	Meas Time	RF Atten	Preamp	Input
150.000000 kHz	30.000000 MHz	2.25 kHz	9.00 kHz	500 ms	Auto	0 dB	INPUT2



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Results Meets Requirements

Applicant: UNIDEN AMERICA CORPORATION
 FCC ID: AMWUB367
 IC: 513C-UB367
 Report: 2316UT19TestReport_

POWER LINE CONDUCTED INTERFERENCE

Test Data: Tuned to 512 MHz, Line 2 Peak Table

05.Sep.19 17:09

Final Measurement

Meas Time: 2 s
 Margin: 60 dB
 Subranges: 20

Trace	Frequency	Level (dBµV)	Detector	Delta Limit/dB
2	197.250000000 kHz	22.54	Average	-31.19
1	217.500000000 kHz	25.97	Quasi Peak	-36.95
2	305.250000000 kHz	36.17	Average	-13.93
1	307.500000000 kHz	41.38	Quasi Peak	-18.66
2	546.000000000 kHz	27.51	Average	-18.49
1	606.750000000 kHz	32.98	Quasi Peak	-23.02
2	739.500000000 kHz	26.42	Average	-19.58
1	741.750000000 kHz	33.07	Quasi Peak	-22.93
2	1.590000000 MHz	24.42	Average	-21.58
1	1.806000000 MHz	31.69	Quasi Peak	-24.31
1	2.199750000 MHz	28.66	Quasi Peak	-27.34
2	2.672250000 MHz	21.18	Average	-24.82
2	4.033500000 MHz	19.08	Average	-26.92
1	4.976250000 MHz	28.79	Quasi Peak	-27.21
2	10.221000000 MHz	21.96	Average	-28.04
1	10.376250000 MHz	30.78	Quasi Peak	-29.22
1	10.398750000 MHz	30.69	Quasi Peak	-29.31
2	11.422500000 MHz	21.51	Average	-28.49
2	21.900750000 MHz	15.18	Average	-34.82
1	23.183250000 MHz	20.18	Quasi Peak	-39.82

Transducer Table

Name: tdf_20
 Interpolation: LIN
 Comment: ANS 25/2 Primary LISN IL Line 1 + Coax Cable IL

Frequency	Factor (dB)	7.00 MHz	0.63
150.00 kHz	0.19	10.00 MHz	0.88
170.00 kHz	0.17	15.00 MHz	1.08
200.00 kHz	0.16	20.00 MHz	1.01
250.00 kHz	0.13	30.00 MHz	1.80
300.00 kHz	0.12		
350.00 kHz	0.12		
400.00 kHz	0.11		
500.00 kHz	0.12		
600.00 kHz	0.12		
700.00 kHz	0.11		
800.00 kHz	0.13		
900.00 kHz	0.12		
1.00 MHz	0.21		
1.20 MHz	0.22		
1.50 MHz	0.28		
2.00 MHz	0.37		
2.50 MHz	0.41		
3.00 MHz	0.59		
4.00 MHz	0.40		
5.00 MHz	0.47		

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Results Meets Requirements

Applicant: UNIDEN AMERICA CORPORATION
 FCC ID: AMWUB367
 IC: 513C-UB367
 Report: 2316UT19TestReport_

POWER LINE CONDUCTED INTERFERENCE

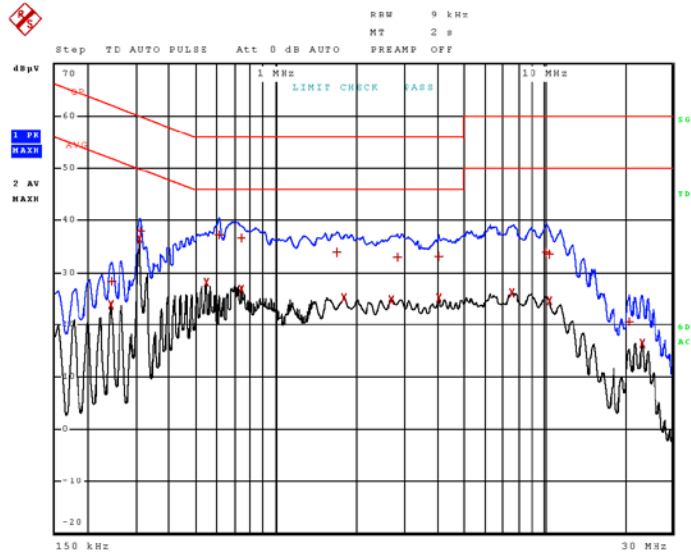
Test Data: Tuned to 806 MHz, Line 1 Peak Plot

05.Sep.19 17:14

Time Domain Scan (1 Range)

Scan Start: 150 kHz
 Scan Stop: 30 MHz
 Detector: Trace 1: MAX PEAK Trace 2: Average
 Transducer: tdf_20

Start Frequency	Stop Frequency	Step Size	Res BW	Meas Time	RF Atten	Preamp	Input
150.000000 kHz	30.000000 MHz	2.25 kHz	9.00 kHz	500 ms	Auto	0 dB	INPUT2



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Results Meets Requirements

Applicant: UNIDEN AMERICA CORPORATION
 FCC ID: AMWUB367
 IC: 513C-UB367
 Report: 2316UT19TestReport_



POWER LINE CONDUCTED INTERFERENCE

Test Data: Tuned to 806 MHz, Line 1 Peak Table

05.Sep.19 17:14

Final Measurement

Meas Time: 2 s
 Margin: 60 dB
 Subranges: 20

Trace	Frequency	Level (dBµV)	Detector	Delta Limit/dB
2	240.000000000 kHz	23.71	Average	-28.38
1	242.250000000 kHz	28.25	Quasi Peak	-33.77
2	305.250000000 kHz	36.50	Average	-13.60
1	309.750000000 kHz	38.00	Quasi Peak	-21.98
2	546.000000000 kHz	28.18	Average	-17.82
1	613.500000000 kHz	37.24	Quasi Peak	-18.76
1	737.250000000 kHz	36.56	Quasi Peak	-19.44
2	737.250000000 kHz	26.84	Average	-19.16
1	1.689000000 MHz	33.79	Quasi Peak	-22.21
2	1.790250000 MHz	25.14	Average	-20.86
2	2.685750000 MHz	24.71	Average	-21.29
1	2.841000000 MHz	32.81	Quasi Peak	-23.19
2	4.033500000 MHz	25.14	Average	-20.86
1	4.058250000 MHz	33.10	Quasi Peak	-22.90
2	7.572750000 MHz	26.02	Average	-23.98
1	10.227750000 MHz	33.80	Quasi Peak	-26.20
1	10.398750000 MHz	33.39	Quasi Peak	-26.61
2	10.398750000 MHz	24.60	Average	-25.40
1	20.820750000 MHz	20.51	Quasi Peak	-39.49
2	23.183250000 MHz	16.33	Average	-33.67

Transducer Table

Name: tdf_20
 Interpolation: LIN
 Comment: ANS 25/2 Primary LISN IL Line 1 + Coax Cable IL

Frequency	Factor (dB)	7.00 MHz	0.63
150.00 kHz	0.19	10.00 MHz	0.88
170.00 kHz	0.17	15.00 MHz	1.08
200.00 kHz	0.16	20.00 MHz	1.01
250.00 kHz	0.13	30.00 MHz	1.80
300.00 kHz	0.12		
350.00 kHz	0.12		
400.00 kHz	0.11		
500.00 kHz	0.12		
600.00 kHz	0.12		
700.00 kHz	0.11		
800.00 kHz	0.13		
900.00 kHz	0.12		
1.00 MHz	0.21		
1.20 MHz	0.22		
1.50 MHz	0.28		
2.00 MHz	0.37		
2.50 MHz	0.41		
3.00 MHz	0.59		
4.00 MHz	0.40		
5.00 MHz	0.47		

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Results Meets Requirements

Applicant: UNIDEN AMERICA CORPORATION
 FCC ID: AMWUB367
 IC: 513C-UB367
 Report: 2316UT19TestReport_

POWER LINE CONDUCTED INTERFERENCE

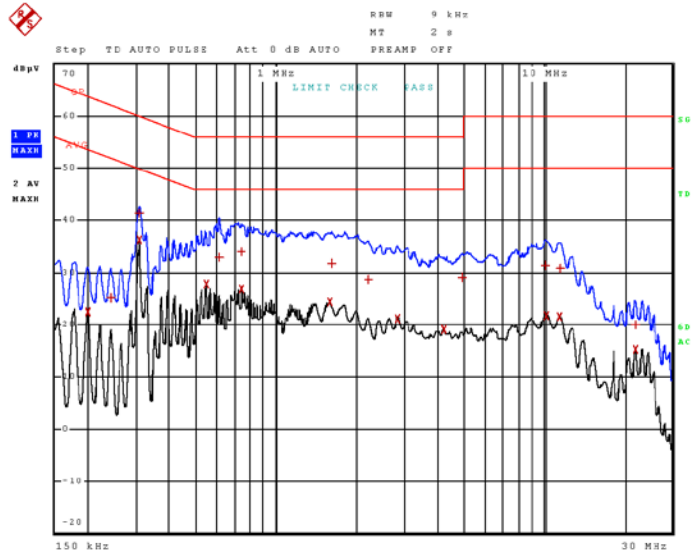
Test Data: Tuned to 806 MHz, Line 2 Peak Plot

05.Sep.19 17:11

Time Domain Scan (1 Range)

Scan Start: 150 kHz
 Scan Stop: 30 MHz
 Detector: Trace 1: MAX PEAK Trace 2: Average
 Transducer: tdf_20

Start Frequency	Stop Frequency	Step Size	Res BW	Meas Time	RF Atten	Preamp	Input
150.000000 kHz	30.000000 MHz	2.25 kHz	9.00 kHz	500 ms	Auto	0 dB	INPUT2



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Results Meets Requirements

Applicant: UNIDEN AMERICA CORPORATION
 FCC ID: AMWUB367
 IC: 513C-UB367
 Report: 2316UT19TestReport_



POWER LINE CONDUCTED INTERFERENCE

Test Data: Tuned to 806 MHz, Line 2 Peak Table

05.Sep.19 17:11

Final Measurement

Meas Time: 2 s
 Margin: 60 dB
 Subranges: 20

Trace	Frequency	Level (dBµV)	Detector	Delta Limit/dB
2	197.250000000 kHz	22.52	Average	-31.21
1	240.000000000 kHz	25.14	Quasi Peak	-36.95
2	305.250000000 kHz	36.29	Average	-13.80
1	307.500000000 kHz	41.33	Quasi Peak	-18.71
2	546.000000000 kHz	27.65	Average	-18.35
1	611.250000000 kHz	32.87	Quasi Peak	-23.13
1	739.500000000 kHz	33.92	Quasi Peak	-22.08
2	739.500000000 kHz	26.77	Average	-19.23
2	1.590000000 MHz	24.37	Average	-21.63
1	1.617000000 MHz	31.76	Quasi Peak	-24.24
1	2.220000000 MHz	28.61	Quasi Peak	-27.39
2	2.832000000 MHz	21.05	Average	-24.95
2	4.202250000 MHz	19.04	Average	-26.96
1	4.969500000 MHz	29.03	Quasi Peak	-26.97
1	10.090500000 MHz	31.41	Quasi Peak	-28.59
2	10.241250000 MHz	21.76	Average	-28.24
2	11.395500000 MHz	21.43	Average	-28.57
1	11.519250000 MHz	30.68	Quasi Peak	-29.32
1	21.880500000 MHz	20.02	Quasi Peak	-39.98
2	21.912000000 MHz	15.19	Average	-34.81

Transducer Table

Name: tdf_20
 Interpolation: LIN
 Comment: ANS 25/2 Primary LISN IL Line 1 + Coax Cable IL

Frequency	Factor (dB)	7.00 MHz	0.63
150.00 kHz	0.19	10.00 MHz	0.88
170.00 kHz	0.17	15.00 MHz	1.08
200.00 kHz	0.16	20.00 MHz	1.01
250.00 kHz	0.13	30.00 MHz	1.80
300.00 kHz	0.12		
350.00 kHz	0.12		
400.00 kHz	0.11		
500.00 kHz	0.12		
600.00 kHz	0.12		
700.00 kHz	0.11		
800.00 kHz	0.13		
900.00 kHz	0.12		
1.00 MHz	0.21		
1.20 MHz	0.22		
1.50 MHz	0.28		
2.00 MHz	0.37		
2.50 MHz	0.41		
3.00 MHz	0.59		
4.00 MHz	0.40		
5.00 MHz	0.47		

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Results Meets Requirements

Applicant: UNIDEN AMERICA CORPORATION
 FCC ID: AMWUB367
 IC: 513C-UB367
 Report: 2316UT19TestReport_

POWER LINE CONDUCTED INTERFERENCE

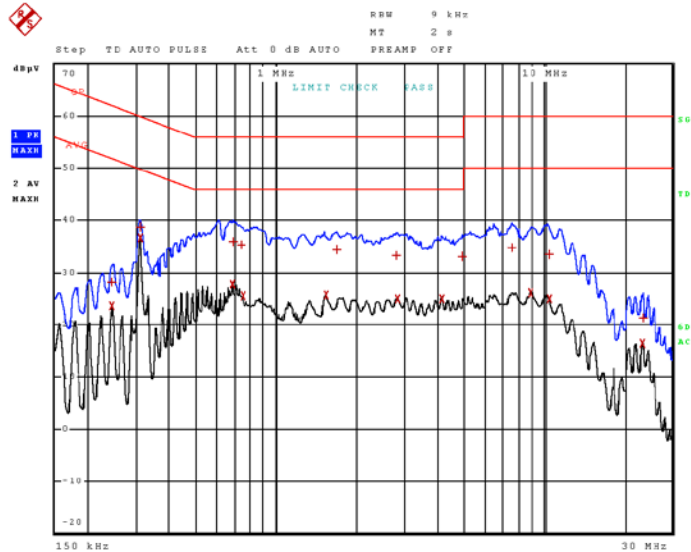
Test Data: Tuned to 956 MHz, Line 1 Peak Plot

05.Sep.19 17:21

Time Domain Scan (1 Range)

Scan Start: 150 kHz
 Scan Stop: 30 MHz
 Detector: Trace 1: MAX PEAK Trace 2: Average
 Transducer: tdf_20

Start Frequency	Stop Frequency	Step Size	Res BW	Meas Time	RF Atten	Preamp	Input
150.000000 kHz	30.000000 MHz	2.25 kHz	9.00 kHz	500 ms	Auto	0 dB	INPUT2



Page 1 of 2

Results Meets Requirements

Applicant: UNIDEN AMERICA CORPORATION
 FCC ID: AMWUB367
 IC: 513C-UB367
 Report: 2316UT19TestReport_



POWER LINE CONDUCTED INTERFERENCE

Test Data: Tuned to 956 MHz, Line 1 Peak Table

05.Sep.19 17:21

Final Measurement

Meas Time: 2 s
 Margin: 60 dB
 Subranges: 20

Trace	Frequency	Level (dBµV)	Detector	Delta Limit/dB
2	242.250000000 kHz	23.49	Average	-28.53
1	244.500000000 kHz	28.18	Quasi Peak	-33.76
1	309.750000000 kHz	38.66	Quasi Peak	-21.32
2	309.750000000 kHz	36.70	Average	-13.28
2	683.250000000 kHz	27.70	Average	-18.30
1	692.250000000 kHz	35.95	Quasi Peak	-20.05
1	737.250000000 kHz	35.39	Quasi Peak	-20.61
2	748.500000000 kHz	25.50	Average	-20.50
2	1.529250000 MHz	25.59	Average	-20.41
1	1.686750000 MHz	34.27	Quasi Peak	-21.73
1	2.807250000 MHz	33.26	Quasi Peak	-22.74
2	2.832000000 MHz	24.87	Average	-21.13
2	4.146000000 MHz	24.94	Average	-21.06
1	4.994250000 MHz	33.08	Quasi Peak	-22.92
1	7.590750000 MHz	34.72	Quasi Peak	-25.28
2	8.877750000 MHz	26.03	Average	-23.97
2	10.398750000 MHz	24.85	Average	-25.15
1	10.450500000 MHz	33.41	Quasi Peak	-26.59
2	23.286750000 MHz	16.37	Average	-33.63
1	23.370000000 MHz	21.40	Quasi Peak	-38.60

Transducer Table

Name: tdf_20
 Interpolation: LIN
 Comment: ANS 25/2 Primary LISN IL Line 1 + Coax Cable IL

Frequency	Factor (dB)	7.00 MHz	0.63
150.00 kHz	0.19	10.00 MHz	0.88
170.00 kHz	0.17	15.00 MHz	1.08
200.00 kHz	0.16	20.00 MHz	1.01
250.00 kHz	0.13	30.00 MHz	1.80
300.00 kHz	0.12		
350.00 kHz	0.12		
400.00 kHz	0.11		
500.00 kHz	0.12		
600.00 kHz	0.12		
700.00 kHz	0.11		
800.00 kHz	0.13		
900.00 kHz	0.12		
1.00 MHz	0.21		
1.20 MHz	0.22		
1.50 MHz	0.28		
2.00 MHz	0.37		
2.50 MHz	0.41		
3.00 MHz	0.59		
4.00 MHz	0.40		
5.00 MHz	0.47		

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Results Meets Requirements

Applicant: UNIDEN AMERICA CORPORATION
 FCC ID: AMWUB367
 IC: 513C-UB367
 Report: 2316UT19TestReport_

POWER LINE CONDUCTED INTERFERENCE

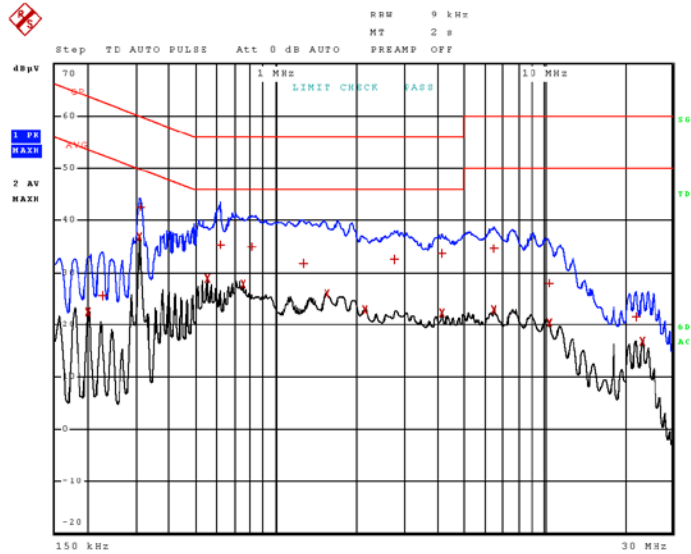
Test Data: Tuned to 956 MHz, Line 2 Peak Plot

05.Sep.19 17:23

Time Domain Scan (1 Range)

Scan Start: 150 kHz
 Scan Stop: 30 MHz
 Detector: Trace 1: MAX PEAK Trace 2: Average
 Transducer: tdf_20

Start Frequency	Stop Frequency	Step Size	Res BW	Meas Time	RF Atten	Preamp	Input
150.000000 kHz	30.000000 MHz	2.25 kHz	9.00 kHz	500 ms	Auto	0 dB	INPUT2



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Results Meets Requirements

Applicant: UNIDEN AMERICA CORPORATION
 FCC ID: AMWUB367
 IC: 513C-UB367
 Report: 2316UT19TestReport_



POWER LINE CONDUCTED INTERFERENCE

Test Data: Tuned to 956 MHz, Line 2 Peak Table

05.Sep.19 17:23

Final Measurement

Meas Time: 2 s
 Margin: 60 dB
 Subranges: 20

Trace	Frequency	Level (dBµV)	Detector	Delta Limit/dB
2	199.500000000 kHz	22.49	Average	-31.14
1	224.250000000 kHz	25.43	Quasi Peak	-37.23
2	307.500000000 kHz	36.82	Average	-13.22
1	309.750000000 kHz	42.42	Quasi Peak	-17.56
2	550.500000000 kHz	28.82	Average	-17.18
1	615.750000000 kHz	35.39	Quasi Peak	-20.61
2	748.500000000 kHz	27.73	Average	-18.27
1	813.750000000 kHz	34.88	Quasi Peak	-21.12
1	1.257000000 MHz	31.66	Quasi Peak	-24.34
2	1.549500000 MHz	25.94	Average	-20.06
2	2.145750000 MHz	22.89	Average	-23.11
1	2.762250000 MHz	32.56	Quasi Peak	-23.44
1	4.132500000 MHz	33.62	Quasi Peak	-22.38
2	4.134750000 MHz	22.30	Average	-23.70
1	6.510750000 MHz	34.45	Quasi Peak	-25.55
2	6.528750000 MHz	22.86	Average	-27.14
2	10.416750000 MHz	20.35	Average	-29.65
1	10.452750000 MHz	27.96	Quasi Peak	-32.04
1	22.137000000 MHz	21.44	Quasi Peak	-38.56
2	23.311500000 MHz	16.69	Average	-33.31

Transducer Table

Name: tdf_20
 Interpolation: LIN
 Comment: ANS 25/2 Primary LISN IL Line 1 + Coax Cable IL

Frequency	Factor (dB)	7.00 MHz	0.63
150.00 kHz	0.19	10.00 MHz	0.88
170.00 kHz	0.17	15.00 MHz	1.08
200.00 kHz	0.16	20.00 MHz	1.01
250.00 kHz	0.13	30.00 MHz	1.80
300.00 kHz	0.12		
350.00 kHz	0.12		
400.00 kHz	0.11		
500.00 kHz	0.12		
600.00 kHz	0.12		
700.00 kHz	0.11		
800.00 kHz	0.13		
900.00 kHz	0.12		
1.00 MHz	0.21		
1.20 MHz	0.22		
1.50 MHz	0.28		
2.00 MHz	0.37		
2.50 MHz	0.41		
3.00 MHz	0.59		
4.00 MHz	0.40		
5.00 MHz	0.47		

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Results Meets Requirements

Applicant: UNIDEN AMERICA CORPORATION
 FCC ID: AMWUB367
 IC: 513C-UB367
 Report: 2316UT19TestReport_

TEST EQUIPMENT LIST

Device	Manufacturer	Model	Serial Number	Cal/Char Date	Due Date
Antenna: Biconical 1096	Eaton	94455-1	1096	08/01/17	08/01/20
Antenna: Log- Periodic 1243	Electro-Metrics	LPA-25	1243	03/29/18	03/29/20
CHAMBER	Panashield	3M	N/A	12/31/17	12/31/19
Antenna: Double-Ridged Horn/ETS Horn 2	ETS-Lindgren	3117	00041534	03/01/17	03/01/20
Software: Field Strength Program	Timco	N/A	Version 4.10.7.0	N/A	N/A
Antenna: Active Loop	ETS-Lindgren	6502	00062529	12/11/17	12/11/19
EMI Test Receiver R & S ESU 40 Chamber	Rohde & Schwarz	ESU 40	100320	08/28/18	08/28/21
Coaxial Cable - Chamber 3 cable set (Primary)	Micro-Coax	Chamber 3 cable set (Primary)	KMKM-0244-01; KMKM-0670-00; KFKF-0198-01	02/29/19	02/29/21
Bore-sight Antenna Positioning Tower	Sunol Sciences	TLT2	N/A	N/A	N/A

*EMI RECEIVER SOFTWARE VERSION

The receiver firmware used was version 4.43 Service Pack 3

END OF TEST REPORT

Applicant: UNIDEN AMERICA CORPORATION
 FCC ID: AMWUB367
 IC: 513C-UB367
 Report: 2316UT19TestReport_