




# TEST REPORT


**Test Report No. :** UL-RPT-RP10041657JD18A

**Manufacturer :** Aviat Networks  
**Model No. :** Eclipse ODU 600, 5.8GHz, EEH-U5-0084-011  
**FCC ID :** VK6-ODU600LB  
**IC Certification No. :** 4469A-ODU600LB  
**Test Standard(s) :** FCC Parts 15.209(a) & 15.247 and Industry Canada RSS-210 A8.4(4) & A8.5; RSS-Gen 4.6.1, 4.8, 4.9

1. This test report shall not be reproduced in full or partial, without the written approval of UL VS LTD.
2. The results in this report apply only to the sample(s) tested100.
3. The sample tested is in compliance with the above standard(s).
4. The test results in this report are traceable to the national or international standards.
5. Version 1.0

**Date of Issue:** 30 April 2014

**Checked by:**   
Sarah Williams  
Engineer, Radio Laboratory

**Issued by :**   
pp  
John Newell  
Group Quality Manager  
Basingstoke,  
UL VS LTD



This laboratory is accredited by UKAS.  
The tests reported herein have been  
performed in accordance with its' terms  
of accreditation.

---

## UL VS LTD

Pavilion A, Ashwood Park, Ashwood Way, Basingstoke, Hampshire, RG23 8BG, UK  
Telephone: +44 (0)1256 312000  
Facsimile: +44 (0)1256 312001

This page has been left intentionally blank.

**Table of Contents**

<b>1. Customer Information.....</b>	<b>4</b>
<b>2. Summary of Testing.....</b>	<b>5</b>
2.1. General Information	5
2.2. Summary of Test Results	5
2.3. Methods and Procedures	6
2.4. Deviations from the Test Specification	6
<b>3. Equipment Under Test (EUT) .....</b>	<b>7</b>
3.1. Identification of Equipment Under Test (EUT)	7
3.2. Description of EUT	7
3.3. Modifications Incorporated in the EUT	7
3.4. Additional Information Related to Testing	7
3.5. Support Equipment	8
<b>4. Operation and Monitoring of the EUT during Testing .....</b>	<b>9</b>
4.1. Operating Modes	9
4.2. Configuration and Peripherals	9
<b>5. Measurements, Examinations and Derived Results.....</b>	<b>10</b>
5.1. General Comments	10
5.2. Test Results	11
5.2.1. Transmitter 99% Emission Bandwidth	11
5.2.2. Transmitter Maximum Conducted Output Power	15
5.2.3. Transmitter Band Edge Conducted Emissions	19
5.2.4. Transmitter Radiated Emissions	21
<b>6. Measurement Uncertainty .....</b>	<b>27</b>
<b>7. Report Revision History .....</b>	<b>28</b>

**1. Customer Information**







<b>Company Name:</b>	Aviat Networks
<b>Address:</b>	4 Bell Drive Hamilton International Technology Park Blantyre Glasgow Lanarkshire G72 0FB Scotland, UK

## **2. Summary of Testing**

### **2.1. General Information**

<b>Specification Reference:</b>	47CFR15.247
<b>Specification Title:</b>	Code of Federal Regulations Volume 47 (Telecommunications): Part 15 Subpart C (Intentional Radiators) - Section 15.247
<b>Specification Reference:</b>	47CFR15.209
<b>Specification Title:</b>	Code of Federal Regulations Volume 47 (Telecommunications): Part 15 Subpart C (Intentional Radiators) - Section 15.209
<b>Specification Reference:</b>	RSS-Gen Issue 3 December 2010
<b>Specification Title:</b>	General Requirements and Information for the Certification of Radio Apparatus
<b>Specification Reference:</b>	RSS-210 Issue 8 December 2010
<b>Specification Title:</b>	Licence-exempt Radio Apparatus (All Frequency Bands): Category I Equipment.
<b>Site Registration:</b>	FCC: 209735; Industry Canada: 3245B-2
<b>Location of Testing:</b>	UL VS LTD, Unit 3 Horizon, Wade Road, Kingsland Business Park, Basingstoke, Hampshire, RG24 8AH, United Kingdom
<b>Test Dates:</b>	16 April 2014 to 25 April 2014

### **2.2. Summary of Test Results**

<b>FCC Reference (47CFR)</b>	<b>IC Reference</b>	<b>Measurement</b>	<b>Result</b>
N/A	RSS-Gen 4.6.1	Transmitter 99% Emission Bandwidth	
Part 15.247(b)(3)	RSS-Gen 4.8 RSS-210 A8.4(4)	Transmitter Maximum Conducted Output Power	
Part 15.247(d)	RSS-Gen 4.9 RSS-210 A8.5	Transmitter Band Edge Conducted Emissions	
Part 15.247(d)/ 15.209(a)	RSS-Gen 4.9 RSS-210 A8.5	Transmitter Radiated Emissions	
<b>Key to Results</b>  = Complied  = Did not comply			

**2.3. Methods and Procedures**

<b>Reference:</b>	ANSI C63.4 (2009)
<b>Title:</b>	American National Standard for Methods of Measurement of Radio-Noise Emissions from Low-Voltage Electrical and Electronic Equipment in the Range of 9 kHz to 40 GHz
<b>Reference:</b>	ANSI C63.10 (2009)
<b>Title:</b>	American National Standard for Testing Unlicensed Wireless Devices
<b>Reference:</b>	KDB 558074 D01 v03r01 April 9, 2013
<b>Title:</b>	Guidance for Performing Compliance Measurements on Digital Transmission Systems (DTS) Operating Under §15.247

**2.4. Deviations from the Test Specification**

For the measurements contained within this test report, there were no deviations from, additions to, or exclusions from the test specification identified above.

### **3. Equipment Under Test (EUT)**

#### **3.1. Identification of Equipment Under Test (EUT)**

<b>Brand Name:</b>	Aviat Networks
<b>Model Name or Number:</b>	Eclipse ODU 600, 5.8GHz, EEH-U5-0084-011
<b>Test Sample Serial Number:</b>	ZLS13040003
<b>Hardware Version Number:</b>	001
<b>Software Version Number:</b>	07.08.16
<b>FCC ID:</b>	VK6-ODU600LB
<b>Industry Canada Certification Number:</b>	4469A-ODU600LB

#### **3.2. Description of EUT**

The equipment under test was 5.8 GHz point to point microwave radio transceiver.

#### **3.3. Modifications Incorporated in the EUT**

No modifications were applied to the EUT during testing.

#### **3.4. Additional Information Related to Testing**

<b>Technology tested:</b>	Microwave Fixed Link System	
<b>Type of unit:</b>	Transceiver	
<b>Modulation types:</b>	64QAM & 128QAM	
<b>Data rates:</b>	135 Mbps & 155 Mbps	
<b>Power Supply Requirement(s):</b>	Nominal	-48 VDC
<b>Maximum Conducted Output Power:</b>	28.1 dBm	
<b>Antenna Gains:</b>	Parabolic Antenna: (15 ft End product)	45.9 dBi
	Flat Panel Antenna: (2 ft Tested)	28.0 dBi
<b>Channel Spacing:</b>	30 MHz	
<b>Transmit Frequency Range:</b>	5725.5 MHz to 5765.5 MHz	
<b>Transmit Channels Tested:</b>	<b>Channel ID</b>	<b>Channel Frequency (MHz)</b>
	Bottom	5740.5
	Middle	5745.5
	Top	5750.5

**3.5. Support Equipment**

The following support equipment was used to exercise the EUT during testing:

<b>Description:</b>	2 ft flat panel antenna, 28 dBi gain
<b>Brand Name:</b>	Radio Frequency Systems
<b>Model Name or Number:</b>	MA0528-28AN
<b>Serial Number:</b>	02205

<b>Description:</b>	INUe Chassis with RAC LL
<b>Brand Name:</b>	Harris Stratex
<b>Model Name or Number:</b>	EXE-002
<b>Serial Number:</b>	EBT1113M738

<b>Description:</b>	Laptop
<b>Brand Name:</b>	Dell
<b>Model Name or Number:</b>	Latitude D610
<b>Serial Number:</b>	B7Y0T1J



## **4. Operation and Monitoring of the EUT during Testing**

### **4.1. Operating Modes**

The EUT was tested in the following operating mode(s):

- Continuously transmitting at maximum power on the bottom, middle and top channels as required using the supported data rates/modulation schemes.

### **4.2. Configuration and Peripherals**

The EUT was tested in the following configuration(s):

- The EUT was powered by a DC offset over its RF port from the INUe Chassis (support equipment), which itself was powered by a 48 volts floating DC using a regulated power supply unit.
- The EUT was placed into a continuous transmit mode, with the appropriate modulation scheme enabled, using a bespoke software application which was supplied by the manufacturer.

## **5. Measurements, Examinations and Derived Results**

### **5.1. General Comments**

Measurement uncertainties are evaluated in accordance with current best practice. Our reported expanded uncertainties are based on standard uncertainties, which are multiplied by an appropriate coverage factor to provide a statistical confidence level of approximately 95%. Please refer to *Section 6. Measurement Uncertainty* for details.

In accordance with UKAS requirements all the measurement equipment is on a calibration schedule. All equipment was within the calibration period on the date of testing.

## **5.2. Test Results**

### **5.2.1. Transmitter 99% Emission Bandwidth**

#### **Test Summary:**

<b>Test Engineer:</b>	Sandeep Bharat	<b>Test Date:</b>	16 April 2014
<b>Test Sample Serial Number:</b>	ZLS13040003		

<b>FCC Reference:</b>	N/A
<b>Industry Canada Reference:</b>	RSS-Gen 4.6.1
<b>Test Method Used:</b>	Tested using the occupied bandwidth function of a test receiver

#### **Environmental Conditions:**

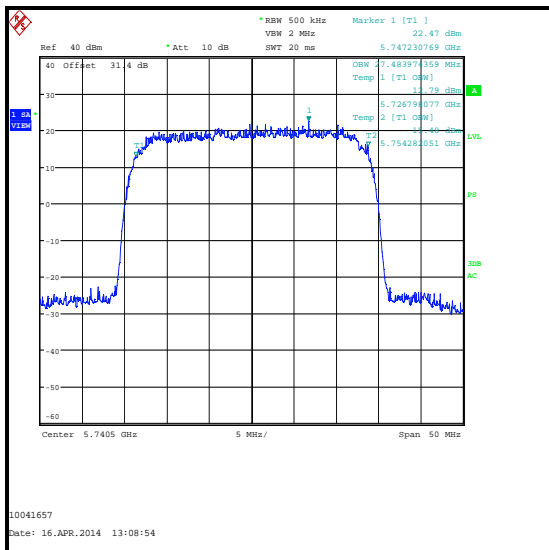
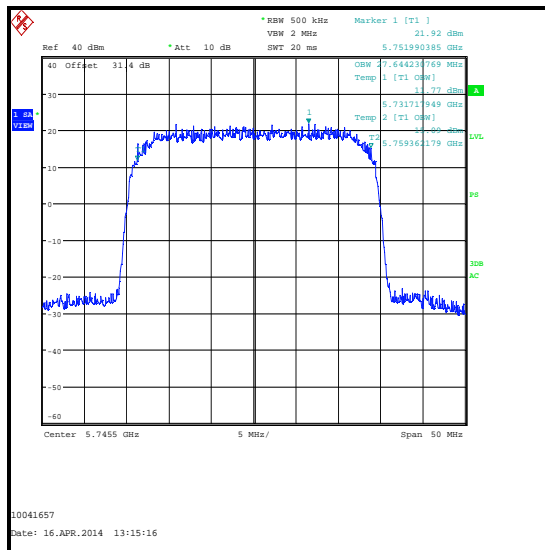
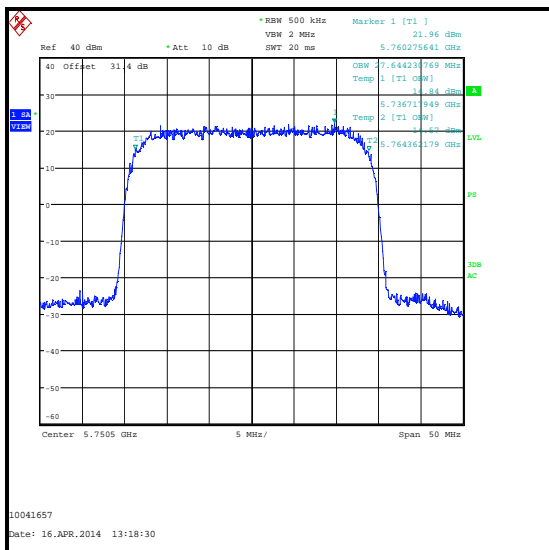
<b>Temperature (°C):</b>	24
<b>Relative Humidity (%):</b>	40

#### **Note(s):**

1. The 99% emission bandwidth was measured using the test receiver occupied bandwidth function. The resolution bandwidth was set to 1% of the span and the video bandwidth set to 3 times the resolution bandwidth.
2. The test receiver resolution bandwidth was set to 500 kHz and video bandwidth 2 MHz. A sample detector was used, sweep time was set to auto and the trace mode was Max Hold. The span was set to 50 MHz. The test receiver function set the measurements to be made at 99% of the emission bandwidth. The results are given in the tables below.
3. The test receiver was connected to the RF port on the EUT using suitable attenuation and RF cable.

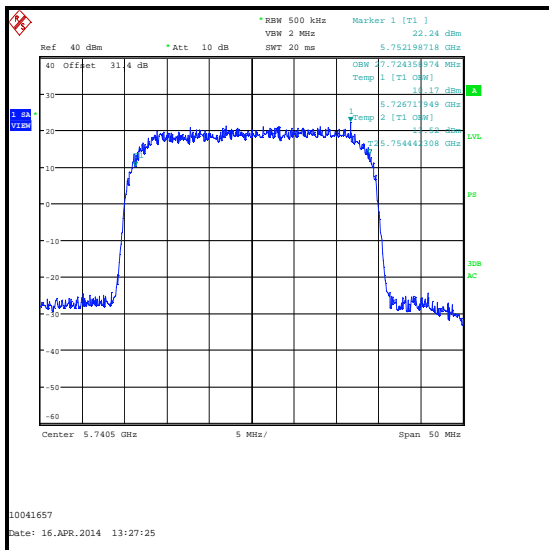
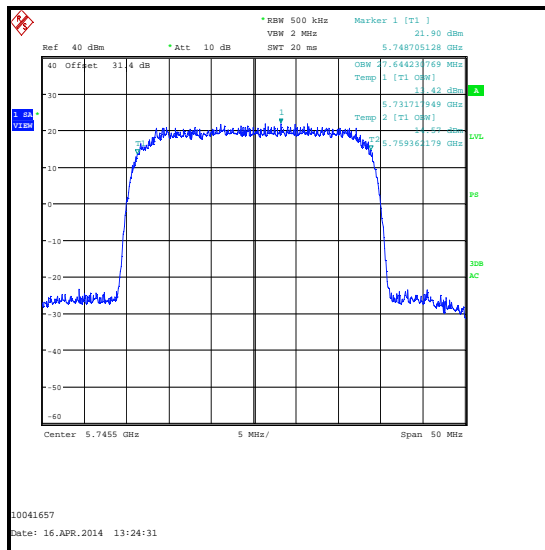
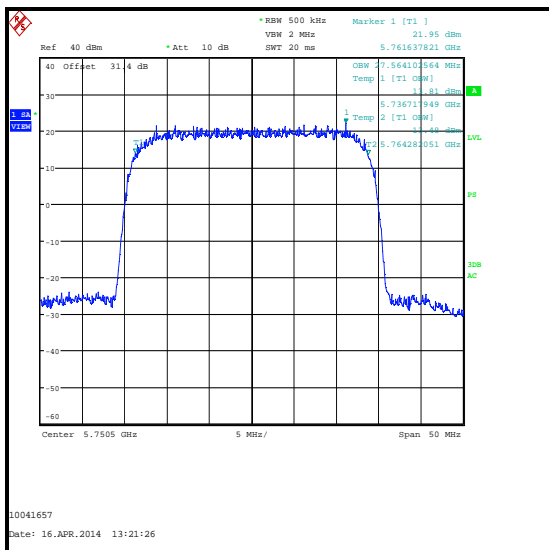
**Transmitter 99% Emission Bandwidth (continued)****Results: 30 MHz / 64QAM / 135 Mbps**

Channel	99% Emission Bandwidth (MHz)
Bottom	27.484
Middle	27.644
Top	27.644

**Bottom Channel****Middle Channel****Top Channel**

**Transmitter 99% Emission Bandwidth (continued)****Results: 30 MHz / 128QAM / 155 Mbps**

Channel	99% Emission Bandwidth (MHz)
Bottom	27.724
Middle	27.644
Top	27.564

**Bottom Channel****Middle Channel****Top Channel**

**Transmitter 99% Emission Bandwidth (continued)****Test Equipment Used:**

<b>Asset No.</b>	<b>Instrument</b>	<b>Manufacturer</b>	<b>Type No.</b>	<b>Serial No.</b>	<b>Date Calibration Due</b>	<b>Cal. Interval (Months)</b>
M1657	Thermohygrometer	JM Handelspunkt	30.5015.13	None stated	14 Mar 2015	12
S0551	DC Power Supply	Hewlett Packard	6674A	ITM00512445	Calibrated before use	-
M1229	Digital Multimeter	Fluke	179	87640015	26 Jun 2014	12
M1630	Test Receiver	Rohde & Schwarz	ESU 40	100233	13 Mar 2015	12
A1490	Attenuator	Weinschel Corp	23-30-34	BH9156	Calibrated before use	-

**5.2.2. Transmitter Maximum Conducted Output Power****Test Summary:**

<b>Test Engineer:</b>	Sandeep Bharat	<b>Test Date:</b>	16 April 2014
<b>Test Sample Serial Number:</b>	ZLS13040003		

<b>FCC Reference:</b>	Part 15.247(b)(3)
<b>Industry Canada Reference:</b>	RSS-Gen 4.8, RSS-210 A8.4(4)
<b>Test Method Used:</b>	KDB 558074 Section 9.2.2.2

**Environmental Conditions:**

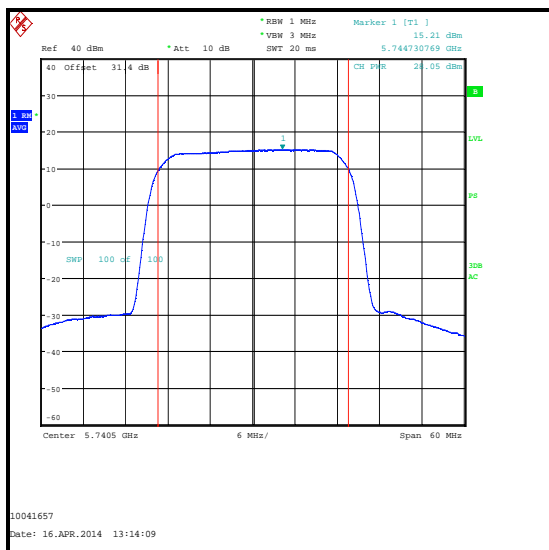
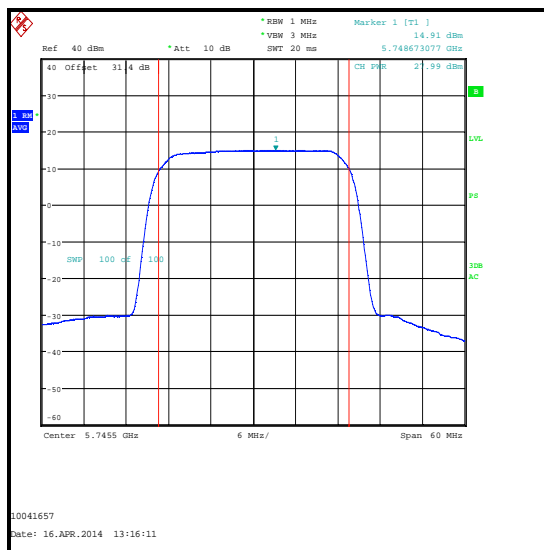
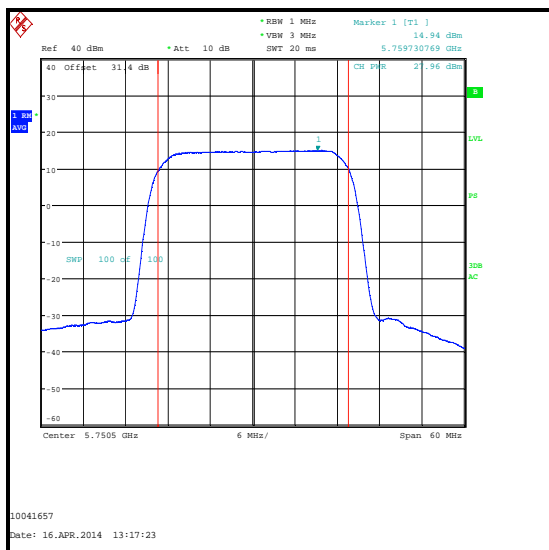
<b>Temperature (°C):</b>	24
<b>Relative Humidity (%):</b>	40

**Note(s):**

1. The EUT was transmitting at 100% duty cycle and testing was performed in accordance with KDB 558074 Section 9.2.2.2 Method AVGSA-1.
2. The spectrum analyser was connected to the RF port on the EUT using suitable attenuation and RF cable. An RF level offset was entered on the spectrum analyser to compensate for the losses of the attenuator and RF cable.

**Transmitter Maximum Conducted Output Power (continued)****Results: 30 MHz / 64QAM / 135 Mbps**

Channel	Power (dBm)	Limit (dBm)	Margin (dB)	Result
Bottom	28.1	30.0	1.9	Complied
Middle	28.0	30.0	2.0	Complied
Top	28.0	30.0	2.0	Complied

**Bottom Channel****Middle Channel****Top Channel**



**Transmitter Maximum Conducted Output Power (continued)****Results: 30 MHz / 128QAM / 155 Mbps**

Channel	Power (dBm)	Limit (dBm)	Margin (dB)	Result
Bottom	28.1	30.0	1.9	Complied
Middle	28.0	30.0	2.0	Complied
Top	28.0	30.0	2.0	Complied

**Bottom Channel****Middle Channel****Top Channel**

**Transmitter Maximum Conducted Output Power (continued)****Test Equipment Used:**

<b>Asset No.</b>	<b>Instrument</b>	<b>Manufacturer</b>	<b>Type No.</b>	<b>Serial No.</b>	<b>Date Calibration Due</b>	<b>Cal. Interval (Months)</b>
M1657	Thermohygrometer	JM Handelspunkt	30.5015.13	None stated	14 Mar 2015	12
S0551	DC Power Supply	Hewlett Packard	6674A	ITM00512445	Calibrated before use	-
M1229	Digital Multimeter	Fluke	179	87640015	26 Jun 2014	12
M1630	Test Receiver	Rohde & Schwarz	ESU 40	100233	13 Mar 2015	12
A1490	Attenuator	Weinschel Corp	23-30-34	BH9156	Calibrated before use	-

**5.2.3. Transmitter Band Edge Conducted Emissions****Test Summary:**

<b>Test Engineer:</b>	Sandeep Bharat	<b>Test Date:</b>	16 April 2014
<b>Test Sample Serial Number:</b>	ZLS13040003		

<b>FCC Reference:</b>	Part 15.247(d)
<b>Industry Canada Reference:</b>	RSS-Gen 4.9 & RSS-210 A8.5
<b>Test Method Used:</b>	FCC KDB 558074 Section 11.3

**Environmental Conditions:**

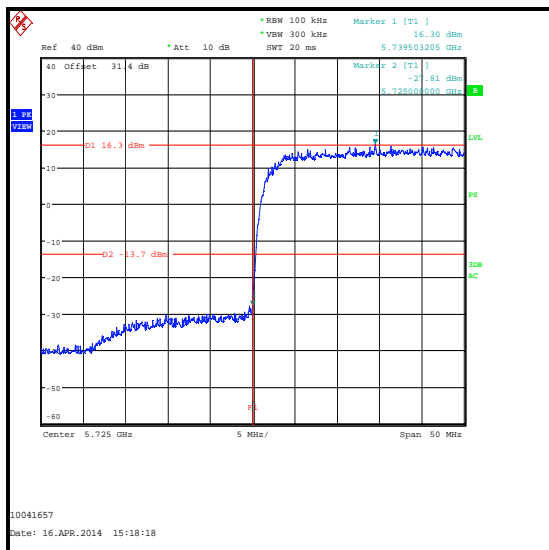
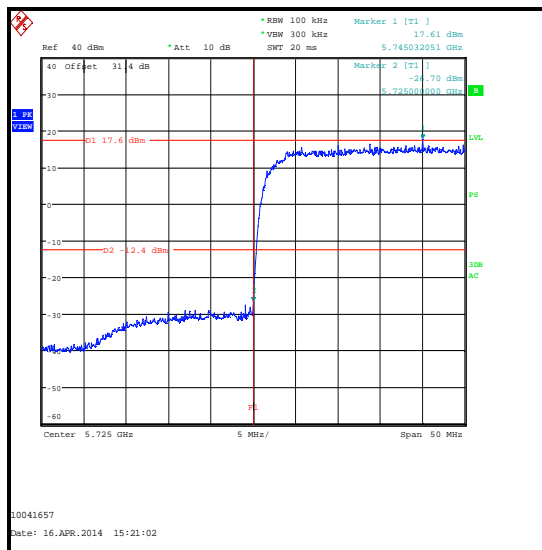
<b>Temperature (°C):</b>	24
<b>Relative Humidity (%):</b>	40

**Note(s):**

1. Conducted measurements at the band edges were used in conjunction with radiated emissions tests to demonstrate compliance. Since the EUT only transmits in the lower half of the band, it was only set to transmit on the bottom channel as this was deemed to represent the worst case.
2. As the average conducted power measurements were used to demonstrate compliance with the limits, according to KDB 558074 section 11.1(b), any emissions need to be attenuated by at least 30 dB below the peak of the carrier in any 100 kHz bandwidth.

**Transmitter Band Edge Radiated Emissions (continued)****Results: Lower Band Edge**

Mode	Level at 5725 MHz (dBm)	-30 dBc Limit (dBm)	Margin (dB)	Result
135 Mbps / 64QAM	-27.8	-13.7	14.1	Complied
155 Mbps / 128QAM	-26.7	-12.4	14.3	Complied

**Lower Band Edge Peak Measurement – 64QAM****Lower Band Edge Peak Measurement – 128QAM****Test Equipment Used:**

Asset No.	Instrument	Manufacturer	Type No.	Serial No.	Date Calibration Due	Cal. Interval (Months)
M1657	Thermohygrometer	JM Handelspunkt	30.5015.13	None stated	14 Mar 2015	12
S0551	DC Power Supply	Hewlett Packard	6674A	ITM00512445	Calibrated before use	-
M1229	Digital Multimeter	Fluke	179	87640015	26 Jun 2014	12
M1630	Test Receiver	Rohde & Schwarz	ESU 40	100233	13 Mar 2015	12
A1490	Attenuator	Weinschel Corp	23-30-34	BH9156	Calibrated before use	-

**5.2.4. Transmitter Radiated Emissions****Test Summary:**

<b>Test Engineer:</b>	Sandeep Bharat	<b>Test Date:</b>	17 April 2014
<b>Test Sample Serial Number:</b>	ZLS13040003		

<b>FCC Reference:</b>	Parts 15.247(d) & 15.209(a)
<b>Industry Canada Reference:</b>	RSS-Gen 4.9, RSS-210 A8.5
<b>Test Method Used:</b>	As detailed in ANSI C63.10 Sections 6.3 and 6.5 referencing ANSI C63.4
<b>Frequency Range</b>	30 MHz to 1000 MHz

**Environmental Conditions:**

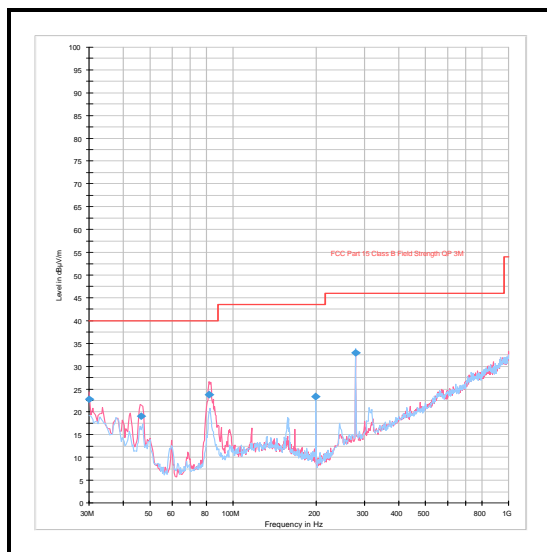
<b>Temperature (°C):</b>	22
<b>Relative Humidity (%):</b>	30

**Note(s):**

1. The final measured value, for the given emission, in the table below incorporates the calibrated antenna factor and cable loss.
2. The preliminary scans showed similar emission levels below 1 GHz, for each channel of operation. Therefore final radiated emissions measurements were performed with the EUT set to the top channel only.
3. All other emissions shown on the pre-scan plots were investigated and found to be ambient, or >20 dB below the applicable limit or below the measurement system noise floor.
4. Measurements below 1 GHz were performed in a semi-anechoic chamber (Asset Number K0001) at a distance of 3 metres. The EUT was placed at a height of 80 cm above the reference ground plane in the centre of the chamber turntable. Maximum emission levels were determined by height searching the measurement antenna over the range 1 metre to 4 metres.
5. Pre-scans were performed and markers placed on the highest measured levels. The test receiver resolution bandwidth was set to 100 kHz and video bandwidth 300 kHz. The sweep time was set to auto. A peak detector was used, sweep time was set to auto and trace mode was Max Hold.
6. Final measurements were performed on the marker frequencies and the results entered into the table below. The test receiver resolution bandwidth was set to 120 kHz, using a CISPR quasi-peak detector and span big enough to see the whole emission.

**Results: Top Channel / 135 Mbps / 64QAM**

Frequency (MHz)	Antenna Polarity	Level (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)	Result
279.152	Horizontal	32.9	46.0	13.1	Complied

**Transmitter Radiated Emissions (continued)**

*Note: This plot is a pre-scan and for indication purposes only. For final measurements, see accompanying table.*

**Test Equipment Used:**

Asset No.	Instrument	Manufacturer	Type No.	Serial No.	Date Calibration Due	Cal. Interval (Months)
M1622	Thermohygrometer	JM Handelspunkt	30.5015.06	None stated	31 Dec 2014	12
K0001	5m RSE Chamber	Rainford EMC	N/A	N/A	26 Nov 2014	12
G0543	Amplifier	Sonoma	310N	230801	18 May 2014	3
M1273	Test Receiver	Rohde & Schwarz	ESIB 26	100275	11 Feb 2015	12
A490	Antenna	Chase	CBL6111A	1590	18 Apr 2014	12
A1834	Attenuator	Hewlett Packard	8491B	10444	15 Nov 2014	12
S0551	DC Power Supply	Hewlett Packard	6674A	ITM00512445	Calibrated before use	-

**Transmitter Radiated Emissions (continued)****Test Summary:**

<b>Test Engineer:</b>	Sandeep Bharat	<b>Test Date:</b>	25 April 2014
<b>Test Sample Serial Number:</b>	ZLS13040003		

<b>FCC Reference:</b>	Parts 15.247(d) & 15.209(a)
<b>Industry Canada Reference:</b>	RSS-Gen 4.9, RSS-210 A8.5
<b>Test Method Used:</b>	As detailed in ANSI C63.10 Sections 6.3 and 6.6 referencing ANSI C63.4
<b>Frequency Range</b>	1 GHz to 40 GHz

**Environmental Conditions:**

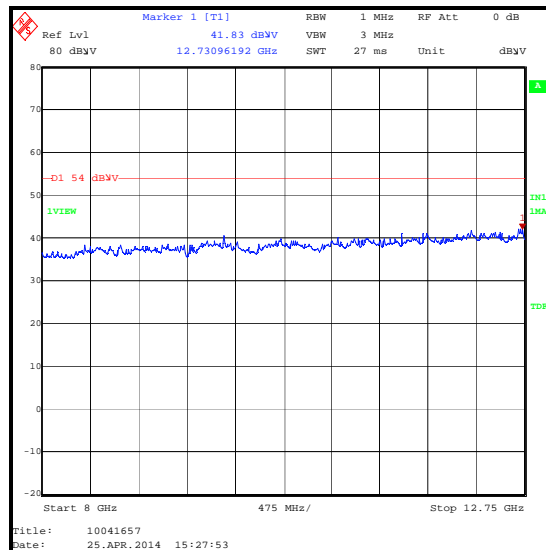
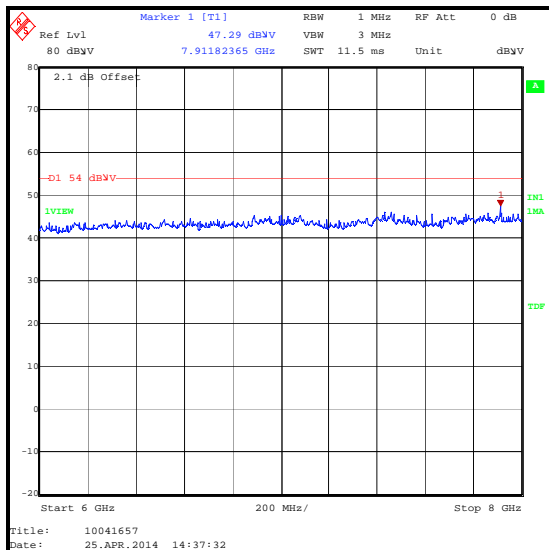
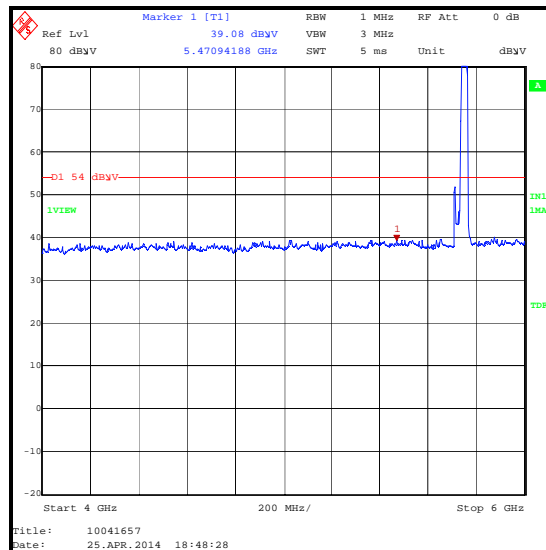
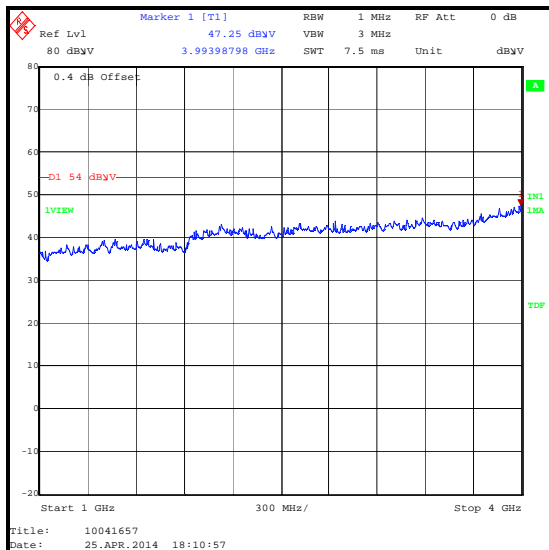
<b>Temperature (°C):</b>	24
<b>Relative Humidity (%):</b>	42

**Note(s):**

1. The final measured value, for the given emission, in the table below incorporates the calibrated antenna factor and cable loss.
2. No spurious emissions were detected above the noise floor of the measuring receiver therefore the highest peak level of the noise floor of the measuring receiver was recorded as shown in the table below. The peak level was compared to the average limit as opposed to being compared to the peak limit because this is the more onerous limit.
3. The 4 GHz to 6 GHz plot was measured with a band reject filter with a wide but known roll-off characteristic. The carrier visible in this plot is not a true representation of the signal and the EUT was seen to radiate no emissions in this region.
4. Pre-scans above 1 GHz were performed in a fully anechoic chamber (Asset Number K0002) at a distance of 3 metres. The EUT was placed at a height of 1.5 metres above the test chamber floor in the centre of the chamber turntable. All measurement antennas were placed at a fixed height of 1.5 metres above the test chamber floor, in line with the EUT. Final measurements above 1 GHz were performed in a semi-anechoic chamber (Asset Number K0001) at a distance of 3 metres. The EUT was placed at a height of 80 cm above the reference ground plane in the centre of the chamber turntable. Maximum emission levels were determined by height searching the measurement antenna over the range 1 metre to 4 metres.

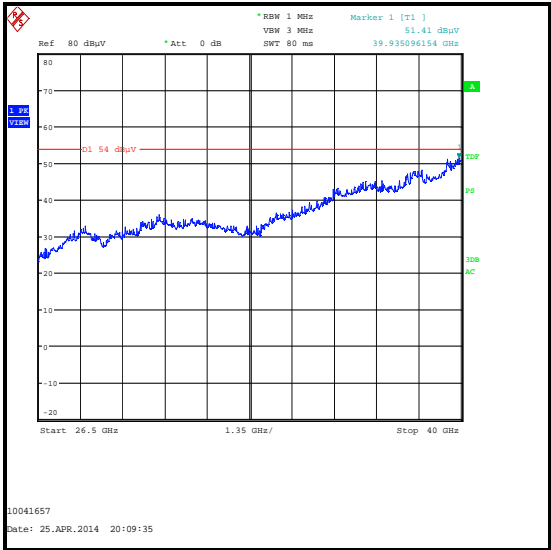
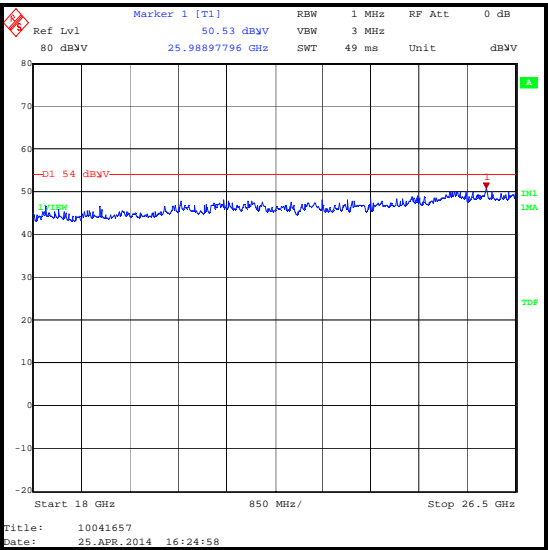
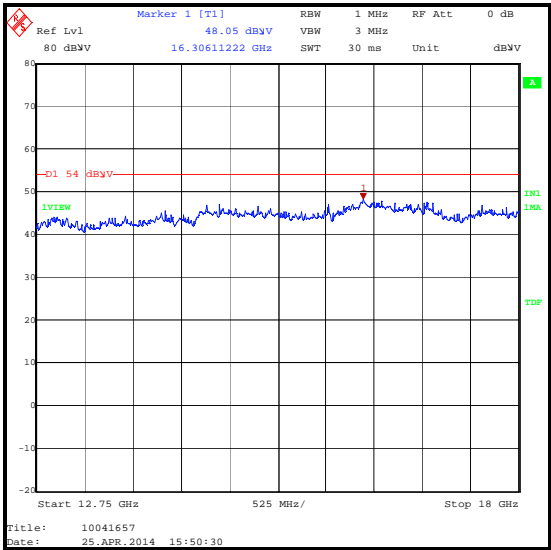
**Results:**

<b>Frequency (MHz)</b>	<b>Antenna Polarity</b>	<b>Peak Level (dB<math>\mu</math>V/m)</b>	<b>Average Limit (dB<math>\mu</math>V/m)</b>	<b>Margin (dB)</b>	<b>Result</b>
39935.096	Vertical	51.4	54.0	2.6	Complied

**Transmitter Radiated Emissions (continued)**



Transmitter Radiated Emissions (continued)



**Transmitter Radiated Emissions (continued)****Test Equipment Used:**

Asset No.	Instrument	Manufacturer	Type No.	Serial No.	Date Calibration Due	Cal. Interval (Months)
M1656	Thermohygrometer	JM Handelspunkt	30.5015.13	None stated	24 May 2014	12
K0002	3m RSE Chamber	Rainford EMC	N/A	N/A	14 Nov 2014	12
M1630	Test Receiver	Rohde & Schwarz	ESU40	100233	13 Mar 2015	12
M1124	Test Receiver	Rohde & Schwarz	ESIB 26	100046K	01 Oct 2014	12
L1118	Pre Amplifier	Hewlett Packard	8449B	3008A02100	13 Jan 2015	12
A2482	Band Reject Filter	Wainwright Instruments	WRCJV8	2	Calibrated before use	-
A2134	Low Pass Filter	AtlanTecRF	AFL-05000	300195	26 Apr 2014	12
A288	Antenna	Chase	CBL6111A	1589	20 Aug 2014	12
A1818	Antenna	EMCO	3115 3115	00075692	14 Nov 2014	12
A253	Antenna	Flann	12240-20	128	14 Nov 2014	12
A254	Antenna	Flann	14240-20	139	14 Nov 2014	12
A255	Antenna	Flann	16240-20	519	14 Nov 2014	12
A256	Antenna	Flann	18240-20	400	14 Nov 2014	12
A436	Antenna	Flann	20240-20	330	14 Nov 2014	12
A203	Antenna	Flann	22240-20	343	19 May 2016	36
S0551	DC Power Supply	Hewlett Packard	6674A	ITM00512445	Calibrated before use	-

## **6. Measurement Uncertainty**

No measurement or test can ever be perfect and the imperfections give rise to error of measurement in the results. Consequently the result of a measurement is only an approximation to the value of the measurand (the specific quantity subject to measurement) and is only complete when accompanied by a statement of the uncertainty of the approximation.

The expression of uncertainty of a measurement result allows realistic comparison of results with reference values and limits given in specifications and standards.

The uncertainty of the result may need to be taken into account when interpreting the measurement results.

The reported expanded uncertainties below are based on a standard uncertainty multiplied by an appropriate coverage factor such that a confidence level of approximately 95% is maintained. For the purposes of this document "approximately" is interpreted as meaning "effectively" or "for most practical purposes".

Measurement Type	Range	Confidence Level (%)	Calculated Uncertainty
Conducted Output Power	5725 MHz to 5850 MHz	95%	$\pm 1.13$ dB
99% Emission Bandwidth	5725 MHz to 5850 MHz	95%	$\pm 3.92\%$
Conducted Spurious Emissions	1 MHz to 40 GHz	95%	$\pm 2.62$ dB
Radiated Spurious Emissions	30 MHz to 1 GHz	95%	$\pm 5.65$ dB
Radiated Spurious Emissions	1 GHz to 40 GHz	95%	$\pm 2.94$ dB

The methods used to calculate the above uncertainties are in line with those recommended within the various measurement specifications. Where measurement specifications do not include guidelines for the evaluation of measurement uncertainty the published guidance of the appropriate accreditation body is followed.

**7. Report Revision History**

Version Number	Revision Details		
	Page No(s)	Clause	Details
1.0	-	-	Initial Version

--- END OF REPORT ---