

Report Reference ID:	283399-4TRFWL
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Test specification:	Title 47 – Telecommunication Chapter I – Federal Communications Commission Subchapter B – Common carrier services Part 27 – Miscellaneous wireless communications services
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Applicant:	TEKO Telecom Srl. Via Meucci, 24/a I-40024 Castel S. Pietro Terme (BO) (Italy)
Apparatus:	Remote Unit
Model:	TRU7S8AAWEWE/AC-WS
FCC ID:	XM2- EP7S8AAWE

Testing laboratory:	Nemko Italy Spa Via del Carroccio, 4 20853 Biassono (MB) – Italy Telephone: +39 039 2201201 Facsimile: +39 039 2201221
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	Name and title	Date
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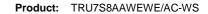
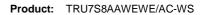




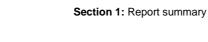
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Section 1: Report summary

1.1 Test specification

Specifications

Part 27 – Miscellaneous wireless communications services

1.2 Statement of compliance

Compliance

In the configuration tested the EUT was found compliant

Yes ⊠ No □

This report contains an assessment of apparatus against specifications based upon tests carried out on samples submitted at Nemko Canada Inc. These tests were conducted on a sample of the equipment for the purpose of demonstrating compliance with Part 27. Radiated tests were conducted in accordance with ANSI C63.4-2003.

1.3 Exclusions

Exclusions

None

1.4 Registration number

Test s	site	FCC
ID nu	mho	r

176392 (3 m Semi anechoic chamber)

1.5 Test report revision history

•	
Revision #	Details of changes made to test report
TRF	Original report issued
R1TRF	

1.6 Limits of responsibility

Note that the results contained in this report relate only to the items tested and were obtained in the period between the date of initial receipt of samples and the date of issue of the report.

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Section 2: Summary of test results

2.1 FCC Part 27, test results		
Part	Test description	Verdict
§27.50(d)	Peak output power at RF antenna connector	Pass
§27.53(h)	Spurious emissions at RF antenna connector, continued	Pass
§27.53(h)	Radiated spurious emissions	Pass
§27.54	Frequency stability	N/A a)
§2.1049	Occupied bandwidth	Pass
§ 935210 D02v02r01 (D.3)(I)	Out of band rejection	Pass

Notes:

a) NOT APPLICABLE: Modulation/frequency conversion circuitry not in use. No frequency change in EUT (input and output have same frequency)





Section 3: Equipment under test (EUT) and application details

3.1 Applicant of	letails		
		Taka Talagam Cri	
Applicant	Name:	Teko Telecom Srl	
complete	Federal	0040000400	
business name	Registration	0018963462	
	Number (FRN):	\(\frac{1}{2}\)	
	Grantee code	XM2	
Mailing address	Address:	Via Meucci, 24/a	
	City:	Castel S. Pietro Terme	
	Province/State:	Bologna	
	Post code:	40024	
	Country:	Italy	
O O Madulana	vi dia na anat		
3.2 Modular ed			
a) Single modular	Single modular approval		
approval	Yes 🗌	No ⊠	
b) Limited single	Limited single modular approval		
modular approval	Yes 🗌	No 🛛	
3.3 Product de	tails		
FCC ID	Grantee code:	XM2	
	Product code:	- EP7S8AAWE	
Equipment class	B2I		
Description of	Remote Unit for option	cal system	
product as it is	Model		
marketed	name/number:	TRU7S8AAWE/AC-WS	
	Serial number:	1000975001	
3.4 Application			
Type of	Original certi		
application	│	entification of presently authorized equipment	
	Original FCC	CID: Grant date:	
	9	nissive change or modification of presently authorized	
	equipment		



Section 3: Equipment under test

3.5 Composite/related equipment			
a) Composite	The EUT is a composite device subject to an additional equipment		
equipment	authorization		
	Yes □ No ⊠		
b) Related	The EUT is part of a system that operates with, or is marketed with,		
equipment	another device that requires an equipment authorization		
	Yes □ No ⊠		
c) Related FCC ID	If either of the above is "yes":		
	☐ has been granted under the FCC ID(s) listed below:		
	is in the process of being filled under the FCC ID(s) listed below:		
	is pending with the FCC ID(s) listed below:		
	has a mix of pending and granted statues under the FCC ID(s)		
	listed below:		
	i FCC ID:		
	ii FCC ID:		

Section 3: Equipment under test

3.6 Sample information				
Receipt date:	2015-05-18			
Nemko sample ID number:				

3.7 EUT technical specifications				
Operating band:	Down Link: 2110–2180 MHz, Up Link: 1710-1780 MHz			
Operating frequency:	Wideband			
Modulation type:	CDMA, WCDMA, LTE (QAM and QPSK)			
Occupied	CDMA: 1,25 MHz,			
bandwidth:	WCDMA: 5 MHz			
	LTE: 1.4 MHz, 3 MHz, 5 MHz, 10 MHz, 15 MHz, 20 MHz			
Channel spacing:	standard			
Emission	CDMA, WCDMA: F9W,			
designator:	LTE: D7W			
RF Output	Down Link: 31dBm (1,25W) Up Link: N.A. (The EUT does not transmit over the air in the up-link direction)			
Gain	Down Link: 36dB Up Link: N.A. (The EUT does not transmit over the air in the up-link direction)			
Antenna type:	External Antenna is not provided, equipment that has an external 50 Ω RF connector			
Power source:	100-240 Vac			



Section 3: Equipment under test

3.8 Accessories and support equipment						
The following information id	The following information identifies accessories used to exercise the EUT during testing:					
Item # 1						
Type of equipment:	Master Unit - Subrack					
Brand name:	Teko Telecom srl					
Model name or number:	SUB-TRX-PSU					
Serial number:	101083001					
Nemko sample number:						
Connection port:						
Cable length and type:						
Item # 2						
Type of equipment:	Master Unit – Management Module					
Brand name:	Teko Telecom srl					
Model name or number:	TSPV-R					
Serial number:	081900043					
Nemko sample number:						
Connection port:	LAN port					
Cable length and type:						
Item # 3						
Type of equipment:	Master Unit – Optical Module					
Brand name:	Teko Telecom srl					
Model name or number:	TTRU4W-S-M					
Serial number:	110679007					
Nemko sample number:						
Connection port:	DL/UL RF connector (to connect to the base station)					
	Optical port (to connect to remote unit)					
Cable length and type:						
Item # 4						
Type of equipment:	Master Unit – Power Supply					
Brand name:	Teko Telecom srl					
Model name or number:	TPSU/AC					
Serial number:	100012286					
Nemko sample number:						
Connection port:						
Cable length and type:						

Section 3: Equipment under test



3.9 Operation of the EUT during testing

Details:

In down-link direction, normal working at max gain with max RF power output

3.10 EUT setup diagram

In this system, Remote Unit is the EUT. Master Unit includes only management module and optical module (to convert RF signal in optical signal in down link direction and viceversa optical signal in RF signal in up link direction). As described in "Operational description", master unit is connected directly to base station, so the system doesn't use another equipment (under another FCC ID) to exercise the EUT. Signal generator is linked directly to the RF connector of optical module in the Master Unit.

Test setup for output power, occupied bandwidth, spurious emissions:



Procedure

Connect the signal modulated generator to the input of the EUT, so that the EUT works at the max gain. Raise the input level to the EUT until reach the maximum output power. Connect the spectrum analyzer to the RF output connector of the EUT.



Product: TRU7S8AAWEWE/AC-WS

4.1 Modifications incorporated in the EUT Modifications Modifications performed to the EUT during this assessment None Yes ☐, performed by Client ☐ or Nemko ☐ Details: 4.2 Deviations from laboratory tests procedures Deviations Deviations from laboratory test procedures None ☐ Yes ☐ - details are listed below: 4.3 Technical judgment Judgment None



Specification: FCC 27

Section 5: Test conditions

Deviations from laboratory tests procedures

No deviations were made from laboratory test procedures.

5.2 Test conditions, power source and ambient temperatures				
Normal temperature, humidity and air pressure test conditions	Temperature: 15–30 °C Relative humidity: 20–75 % Air pressure: 86–106 kPa			
	When it is impracticable to carry out tests under these conditions, a note to this effect stating the ambient temperature and relative humidity during the tests shall be recorded and stated.			
Power supply range:	The normal test voltage for equipment to be connected to the mains shall be the nominal mains voltage. For the purpose of the present document, the nominal voltage shall be the declared voltage, or any of the declared voltages ±5 %, for which the equipment was designed.			



Section 5: Test conditions, continued

5.3 Measurement uncertainty

Nemko S.p.A. measurement uncertainty has been calculated using the standard CISPR 16-4-2 "Specification for radio disturbance and immunity measuring apparatus and methods – Part 4-2: Uncertainties, statistics and limit modeling – Uncertainty in EMC measurements". All calculations can be found in Nemko S.p.A. document WML1002.

5.4 Test equ				
Equipment	Manufacturer	Model No.	Asset/Serial No.	Next cal.
Vector Signal Generator	Agilent	N5172B EXG	MY53050534	Feb 2017
Vector Signal Generator	Agilent	E4438C ESG	MY45094485	Ago 2016
Spectrum Analyzer	Agilent	N9030A PXA	MY53120882	May 2015
Network Analyzer	Agilent	E5071B ENA	MY46418709	Jan 2016
EMI Receiver	R&S	ESCI	100888	08/2015
V-network	R&S	ESH2-Z5	872 460/041	09/2015
Trilog Broad Band Antenna 25-2000 MHz	Schwarzbeck	VULB 9168	VULB 9168-242	06/2015
Trilog Broad Band Antenna 25-8000 MHz	Schwarzbeck	VULB 9162	VULB 9162-25	05/2015
Antenna 1-18 GHz	Schwarzbeck	STLP 9148	STPL 9148-123	06/2015
Double ridge waveguide horn	RFspin	DRH40	061106A40	08/2016
Preamplifier 18-40 GHz	Miteq	JS44	1648665	11/2015
Broadband preamplifier 1-18 GHz	Schwarzbeck	BBV 9718	9718-137	10/2015
EMI receiver 20 Hz ÷ 8 GHz	R&S	ESU8	100202	04/2016
EMI receiver 20 Hz ÷ 3 GHz	R&S	ESCI	100888	08/2015
Hydraulic revolving olatform	Nemko	RTPL 01	4.233	NCR
Turning-table	R&S	HCT	835 803/03	NCR
Antenna mast	R&S	HCM	836 529/05	NCR
Controller	R&S	HCC	836 620/7	NCR
Spectrum Analyzer 9kHz ÷ 40GHz	R&S	FSEK	848255/005	08/2015
Semi-anechoic chamber	Nemko	10m semi-anechoic chamber	530	09/2016
Shielded room	Siemens	10m control room	1947	NCR
Semi-anechoic chamber	Nemko	10m semi-anechoic chamber	70	NCR
Shielded Room	Siemens	3m semi-anechoic chamber	3	NCR
Motor controller	Emco	1051-25	9012-1559	NCR
Motor controller	Emco	1061-1.521	9012-1508	NCR
Antenna Tower	Emco	2071-2	9601-1940	NCR
Controller pole/table	Emco	2090	9511-1099	NCR
V-Network	R&S	ESH2-Z5	872 460/041	09/2015

Note: N/A = Not Applicable, NCR = No Cal Required, COU = CAL On Use (*) Equipment supplied by manufacturer's



Specification: FCC 27

Appendix A: Test results

Clause 27.50(d) Peak output power at RF antenna connector

- § 27.50(d) The following power and antenna height requirements apply to stations transmitting in the 1695-1710 MHz, 1710-1755 MHz, 1755-1780 MHz, 1915-1920 MHz, 1995-2000 MHz, 2000-2020 MHz, 2110-2155 MHz, 2155-2180 MHz and 2180-2200 MHz bands:
 - (2) The power of each fixed or base station transmitting in the 1995-2000 MHz, the 2110-2155 MHz 2155-2180 MHz band, or 2180-2200 MHz band and situated in any geographic location other than that described in paragraph (d)(1) of this section is limited to:
 - (i) An equivalent isotropically radiated power (EIRP) of 1640 watts when transmitting with an emission bandwidth of 1 MHz or less;
 - (ii) An EIRP of 1640 watts/MHz when transmitting with an emission bandwidth greater than 1 MHz.
 - (5) Equipment employed must be authorized in accordance with the provisions of §24.51. Power measurements for transmissions by stations authorized under this section may be made either in accordance with a Commission-approved average power technique or in compliance with paragraph (d)(6) of this section. In measuring transmissions in this band using an average power technique, the peak-to-average ratio (PAR) of the transmission may not exceed 13 dB.

Test date: 2015-05-19
Test results: Pass

Special notes

The power was measured using spectrum analyzer with RMS detector / average power meter.

 In measuring transmissions in this band using an average power technique, the peak-toaverage ratio (PAR) of the transmission may not exceed 13dB

Specification: FCC 27

Clause 27.50(d) Peak output power at RF antenna connector

Test data		
Conducted measurements		

	Test data					
Direction	Modulation	Frequency (MHz)	RF output Power (dBm)	RF output channel Power (W)	RF output Power (W/MHz)	PAR (dB)
Down-link	CDMA (1,25MHz)	2145.0	31.13	1.30	1.04	9.13
Down-link	WCDMA (5MHz)	2145.0	31.20	1.32	0.264	10.41
Down-link	LTE (QAM, 1,4MHz)	2145.0	31.11	1.29	0.929	9.51
Down-link	LTE (QPSK, 1,4MHz)	2145.0	31.12	1.29	0.921	9.14
Down-link	LTE (QAM, 3MHz)	2145.0	31.17	1.31	0.437	9.96
Down-link	LTE (QPSK, 3MHz)	2145.0	31.09	1.29	0.43	10.23
Down-link	LTE (QAM, 5MHz)	2145.0	31.20	1.32	0.264	9.99
Down-link	LTE (QPSK, 5MHz)	2145.0	31.13	1.30	0.26	9.99
Down-link	LTE (QAM, 10MHz)	2145.0	31.16	1.31	0.131	10.12
Down-link	LTE (QPSK, 10MHz)	2145.0	31.13	1.30	0.130	9.96
Down-link	LTE (QAM, 15MHz)	2145.0	31.09	1.29	0.086	9.77
Down-link	LTE (QPSK, 15MHz)	2145.0	31.12	1.29	0.086	10.27
Down-link	LTE (QAM, 20MHz)	2145.0	31.19	1.32	0.066	10.42
Down-link	LTE (QPSK, 20MHz)	2145.0	31.15	1.31	0.065	10.22

Transmitting these powers by a $\lambda/2$ dipole tuned on the carriers' frequency we get: erp.

PAR measure is performed by the "CCDF" function installed on Spectrum analyzer that provides average power (the same measured with "Channel power" function), peak power and PAR. Below an example:

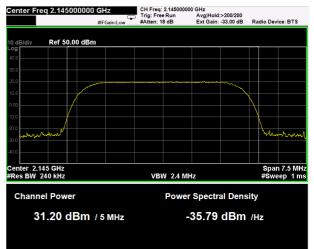


PAR measure example (LTE 1,4MHz QAM)

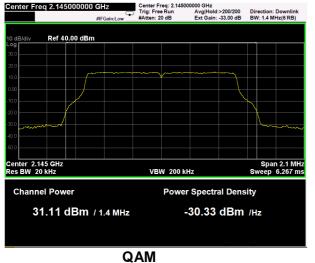
Specification: FCC 27

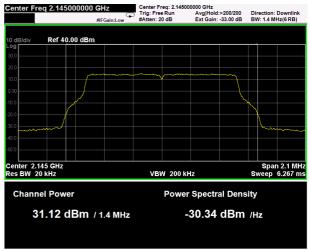
Mod. CDMA

Mod. WCDMA



Mod. LTE 1,4MHz (Down-link)

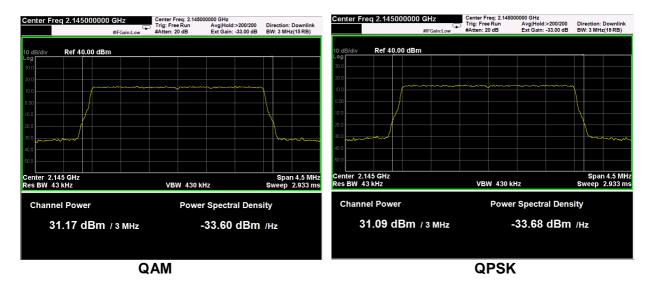




QAM QPSK

Specification: FCC 27

Mod. LTE 3MHz (Down-link)

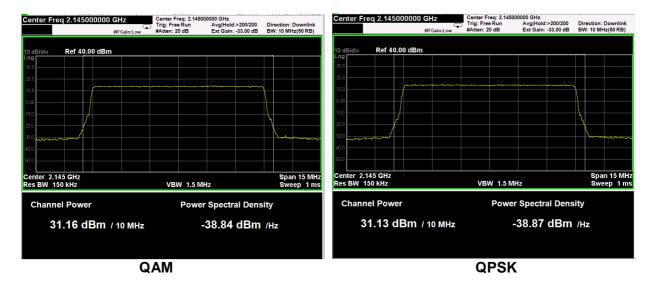


Mod. LTE 5MHz (Down-link)

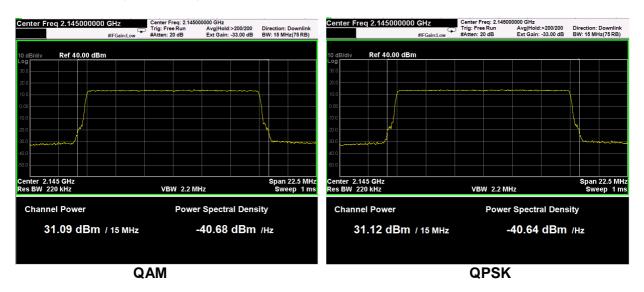


Specification: FCC 27

Mod. LTE 10MHz (Down-link)

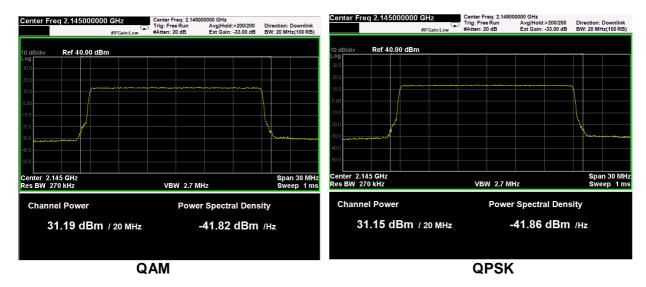


Mod. LTE 15MHz (Down-link)





Mod. LTE 20MHz (Down-link)





Specification: FCC 27

Clause 27.53(h) Spurious emissions at RF antenna connector, continued

(h) AWS emission limits:

- (1) General protection levels. Except as otherwise specified below, for operations in the 1695-1710 MHz, 1710-1755 MHz, 1755-1780 MHz, 1915-1920 MHz, 1995-2000 MHz, 2000-2020 MHz, 2110-2155 MHz, 2155-2180 MHz, and 2180-2200 bands, the power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) in watts by at least 43 + 10 log10 (P) dB.
- (3) Measurement procedure.
- (i) Compliance with this provision is based on the use of measurement instrumentation employing a resolution bandwidth of 1 megahertz or greater. However, in the 1 megahertz bands immediately outside and adjacent to the licensee's frequency block, a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed. The emission bandwidth is defined as the width of the signal between two points, one below the carrier center frequency and one above the carrier center frequency, outside of which all emissions are attenuated at least 26 dB below the transmitter power.
- (ii) When measuring the emission limits, the nominal carrier frequency shall be adjusted as close to the licensee's frequency block edges, both upper and lower, as the design permits.
- (iii) The measurements of emission power can be expressed in peak or average values, provided they are expressed in the same parameters as the transmitter power.

Test date: 2015-05-19
Test results: Pass

Special notes

- The spectrum was searched from 30 MHz to the 10th harmonic.
- All measurements were performed using a peak detector.
- RBW within 30–1000 MHz was 100 kHz and 1 MHz above 1 GHz. VBW was wider than RBW.



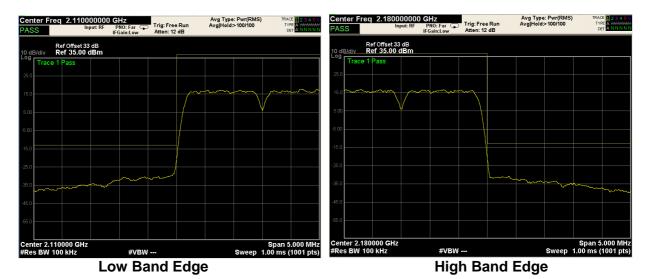
Clause 27.53 (h) Spurious emissions at RF antenna connector, continued

Test data			
See Plots below			
Spurious emissions me	asurement results:		
Frequency (MHz)	Spurious emission (dBm)	Limit (dBm)	Margin (dB)
Low channel			
First channel	Negligible	-13	
Mid channel			
2145 MHz	Negligible	-13	
High channel			
Last channel	Negligible	-13	

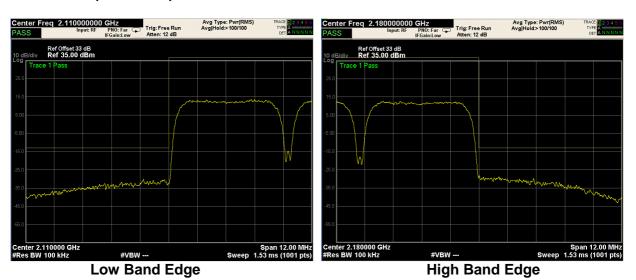


Test data, continued: band edges Inter modulation:

Mod. CDMA (Down-link)

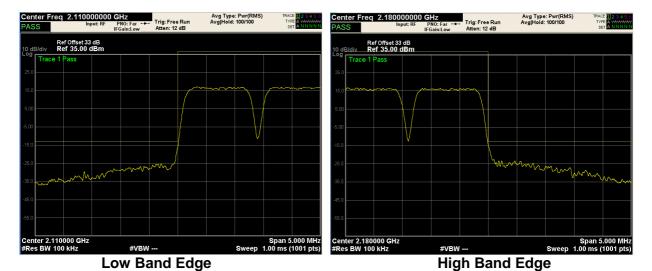


Mod. WCDMA (Down-link)





Mod. LTE 1.4MHz (QAM) (Down-link)



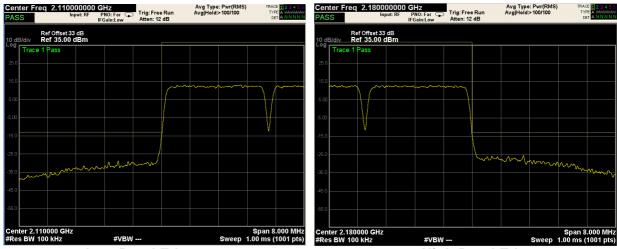
Mod. LTE 1.4MHz (QPSK) (Down-link)



High Band Edge



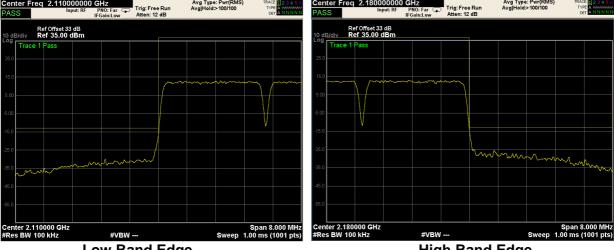
Mod. LTE 3MHz (QAM) (Down-link)



Low Band Edge

High Band Edge

Mod. LTE 3MHz (QPSK) (Down-link)



Low Band Edge

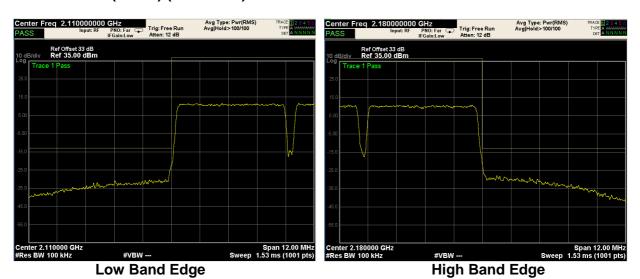
High Band Edge



Mod. LTE 5MHz (QAM) (Down-link)

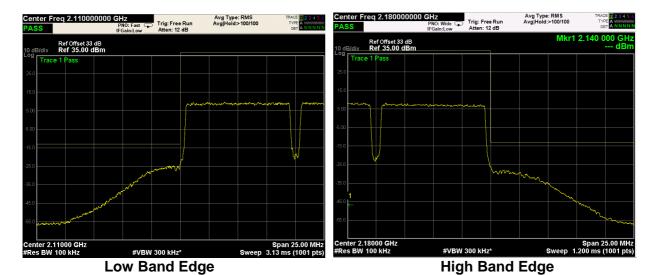


Mod. LTE 5MHz (QPSK) (Down-link)





Mod. LTE 10MHz (QAM) (Down-link)



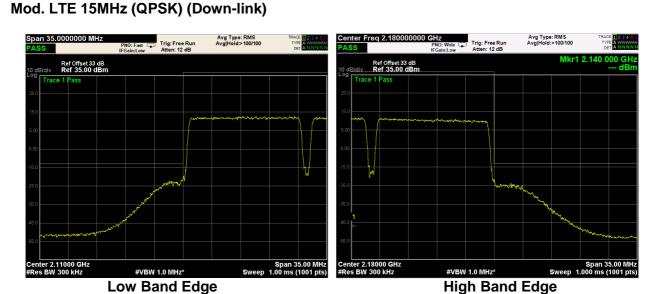
Mod. LTE 10MHz (QPSK) (Down-link)





Mod. LTE 15MHz (QAM) (Down-link)







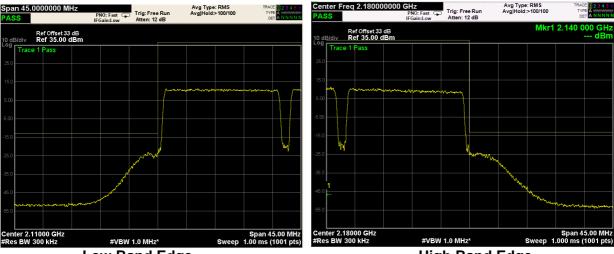
Mod. LTE 20MHz (QAM) (Down-link)



Low Band Edge

High Band Edge

Mod. LTE 20MHz (QPSK) (Down-link)



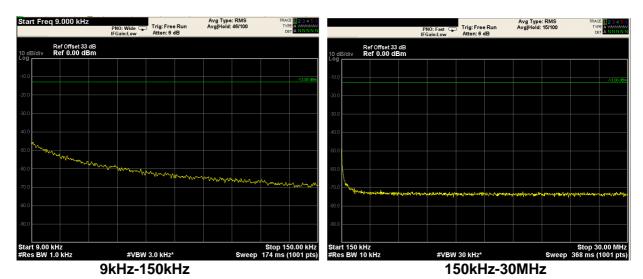
Low Band Edge

High Band Edge



Test data, continued: spurious emissions at antenna terminal

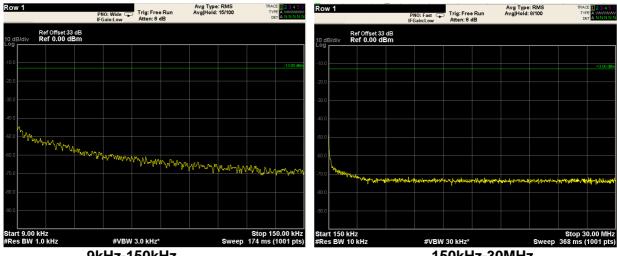
Mod. CDMA (Down-link)





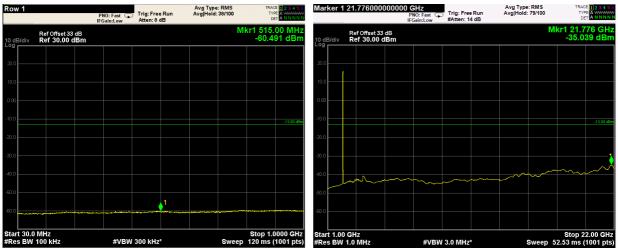


Mod. WCDMA (Down-link)



9kHz-150kHz

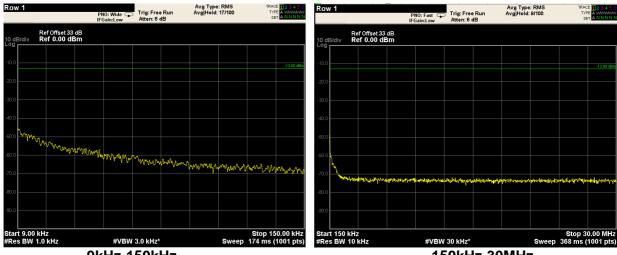
150kHz-30MHz



1GHz-22GHz



Mod. LTE 1.4MHz (QAM) (Down-link)

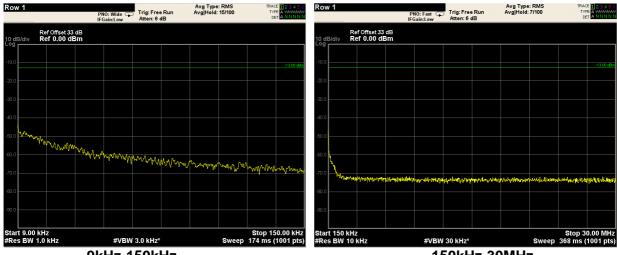








Mod. LTE 1.4MHz (QPSK) (Down-link)



9kHz-150kHz 150kHz-30MHz

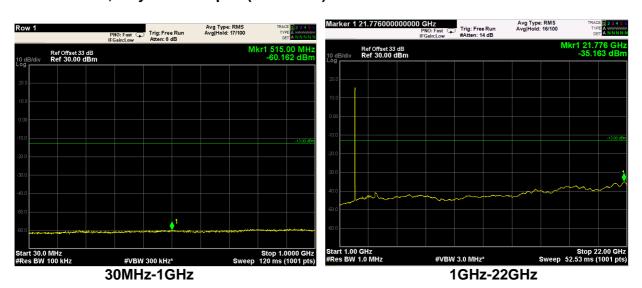




Mod. LTE 3MHz, only 30M-22G plot (Down-link)



Mod. LTE 5MHz, only 30M-22G plot (Down-link)

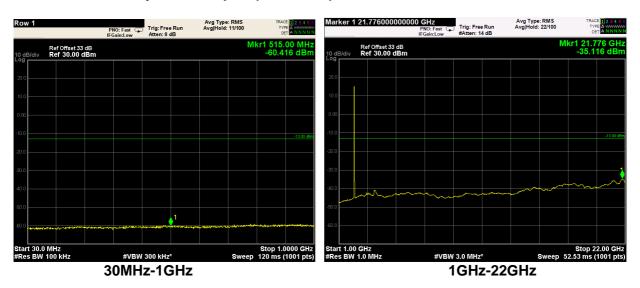




Mod. LTE 10MHz, only 30M-22G plot (Down-link)



Mod. LTE 15MHz, only 30M-22G plot (Down-link)





Mod. LTE 20MHz, only 30M-22G plot (Down-link)





Specification: FCC 27

Clause 27.53(h) Radiated spurious emissions

(h) AWS emission limits:

- (1) General protection levels. Except as otherwise specified below, for operations in the 1695-1710 MHz, 1710-1755 MHz, 1755-1780 MHz, 1915-1920 MHz, 1995-2000 MHz, 2000-2020 MHz, 2110-2155 MHz, 2155-2180 MHz, and 2180-2200 bands, the power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) in watts by at least 43 + 10 log10 (P) dB.
- (3) Measurement procedure.
- (i) Compliance with this provision is based on the use of measurement instrumentation employing a resolution bandwidth of 1 megahertz or greater. However, in the 1 megahertz bands immediately outside and adjacent to the licensee's frequency block, a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed. The emission bandwidth is defined as the width of the signal between two points, one below the carrier center frequency and one above the carrier center frequency, outside of which all emissions are attenuated at least 26 dB below the transmitter power.
- (ii) When measuring the emission limits, the nominal carrier frequency shall be adjusted as close to the licensee's frequency block edges, both upper and lower, as the design permits.
- (iii) The measurements of emission power can be expressed in peak or average values, provided they are expressed in the same parameters as the transmitter power.

Test date: 2015-05-19/20
Test results: Pass

Special notes

- The spectrum was searched from 30 MHz to the 10th harmonic.
- All measurements were performed using a peak detector.
- The measurements were performed at the distance of 3 m.
- RBW within 30–1000 MHz was 100 kHz and 1 MHz above 1 GHz. VBW was wider than RBW



sults **Product**: TRU7S8AAWEWE/AC-WS

Specification: FCC 27

Clause 27.53(h) Radiated spurious emissions, continued

Test data

The D.U.T. was positioned according to the radiated emissions set-up

The D.U.T. antenna connector was terminated by a 50 Ω shielded dummy load.

The spectrum was searched from 30 MHz to 1 GHz (RBW 100 kHz) & 1 GHz (RBW 1 MHz) to the tenth harmonic of the carrier.

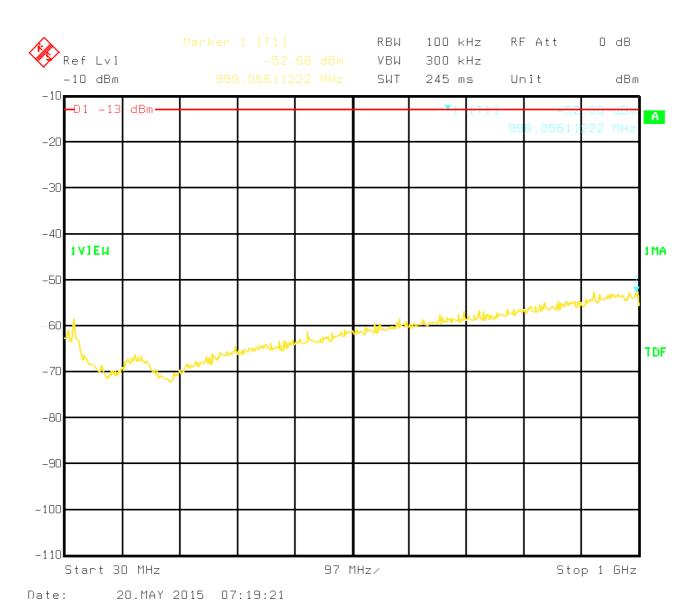
There were no emissions detected above the noise floor which was at least 20 dB below the specification limit.

Spurious emissions measurement results:

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Frequency	Polarization.	Field strength	Limit	Margin	
(MHz)	V/H	(dBµV/m)	(dBµV/m)	(dB)	
Low channel					
Mid channel					
High channel					

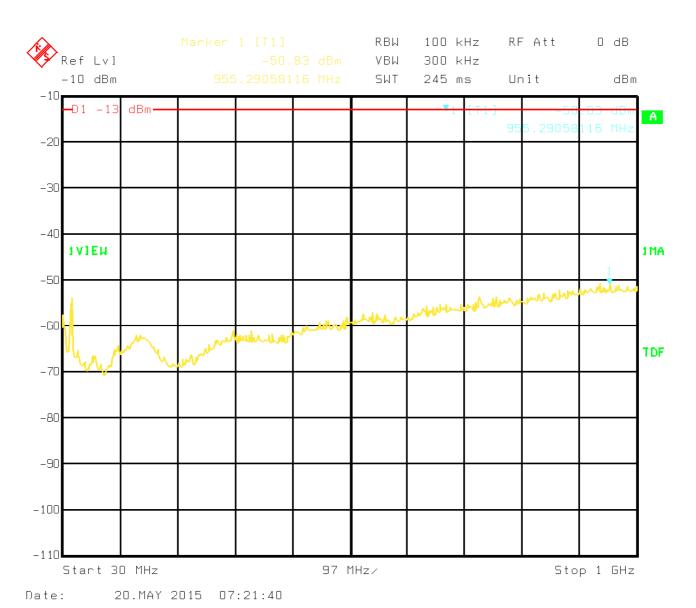
Note: Field strength includes correction factor of antenna, cable loss, amplifier, and attenuators where applicable.





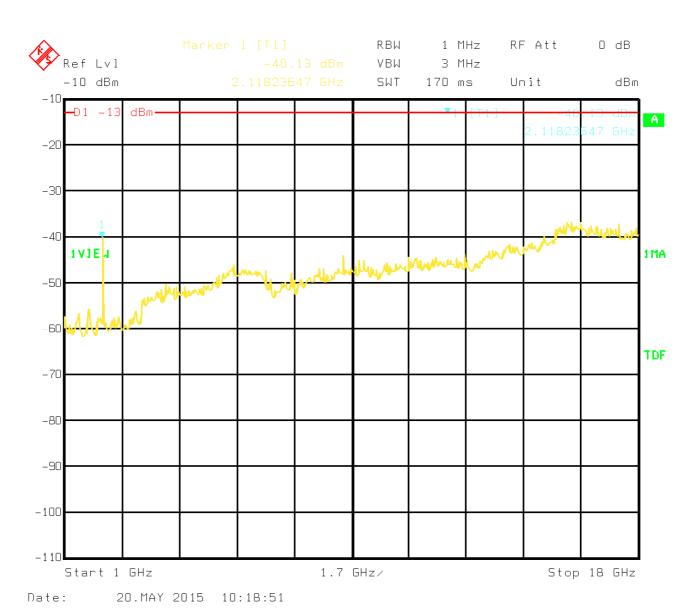
30MHz-1GHz - H Pol





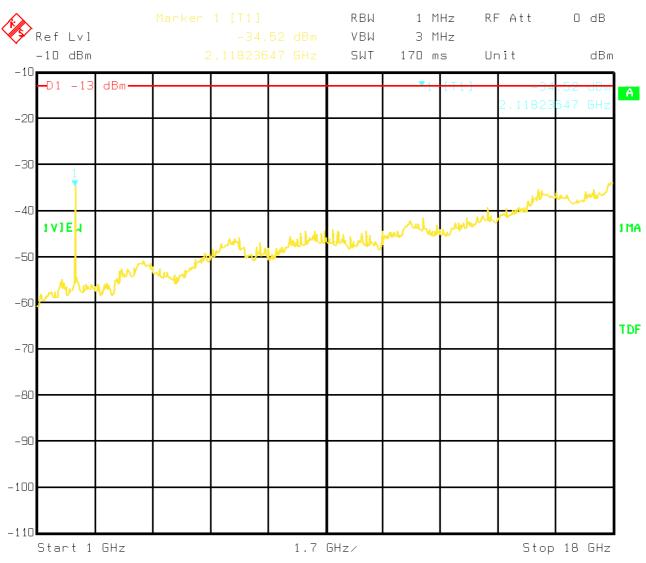
30MHz-1GHz - V Pol





1GHz-18GHz - H Pol

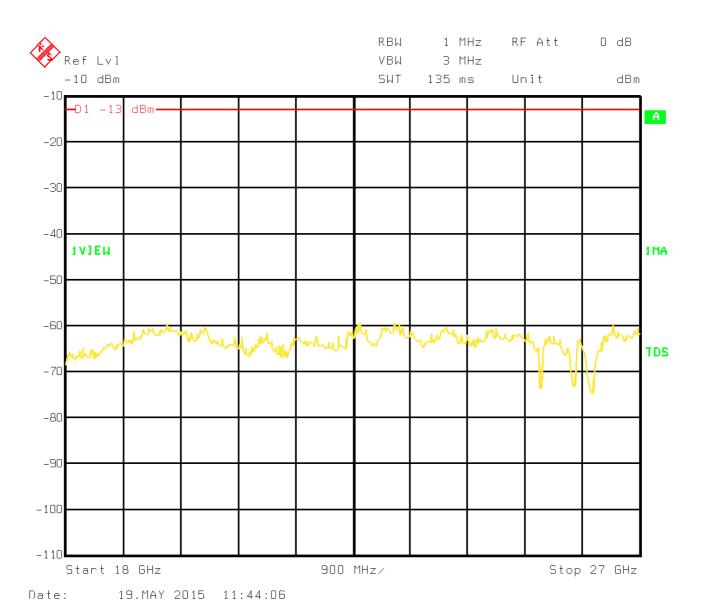




Date: 20.MAY 2015 10:22:57

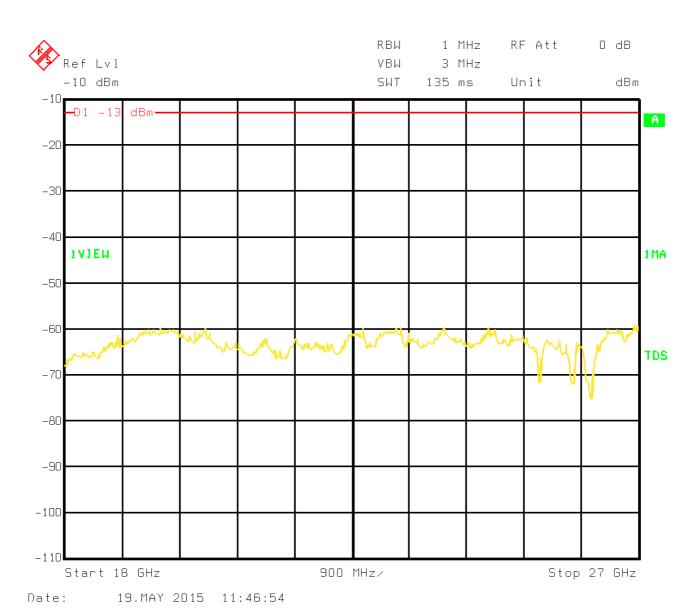
1GHz-18GHz - V Pol





18GHz-22GHz - H Pol





18GHz-22GHz - V Pol



Product: TRU7S8AAWEWE/AC-WS

Specification: FCC 27

Clause 2.1049 Occupied bandwidth

The emission bandwidth is defined as the width of the signal between two points, one below the carrier center frequency and one above the carrier center frequency, outside of which all emissions are attenuated at least 26 dB below the transmitter power.

Test date: 2015-05-19

Test results: Pass

Special notes

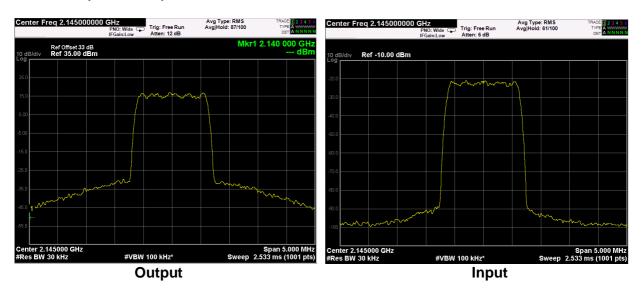
- 26 dBc points provided in terms of attenuation below unmodulated carrier.
- RBW was set to 1 % of emissions bandwidth.



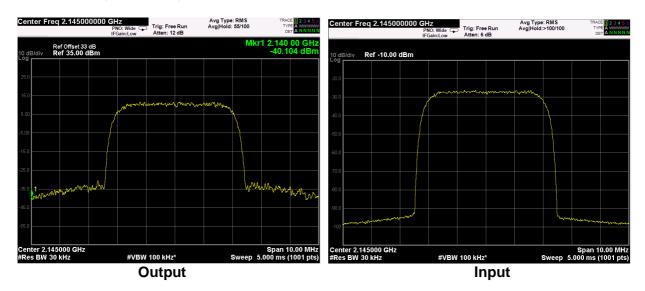
Clause 2.1049 Occupied bandwidth, continued

Test data

Mod. CDMA (Down-link)



Mod. WCDMA (Down-link)

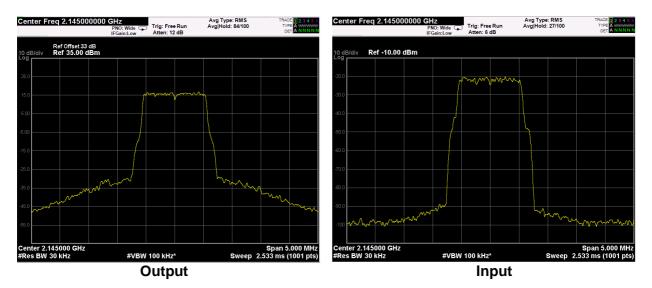




Mod. LTE 1.4MHz (QAM) (Down-link)



Mod. LTE 1.4MHz (QPSK) (Down-link)

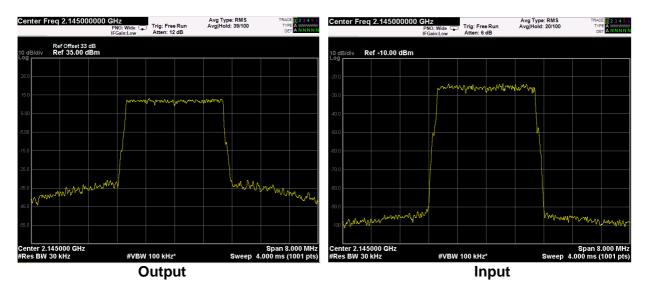




Mod. LTE 3MHz (QAM) (Down-link)



Mod. LTE 3MHz (QPSK) (Down-link)

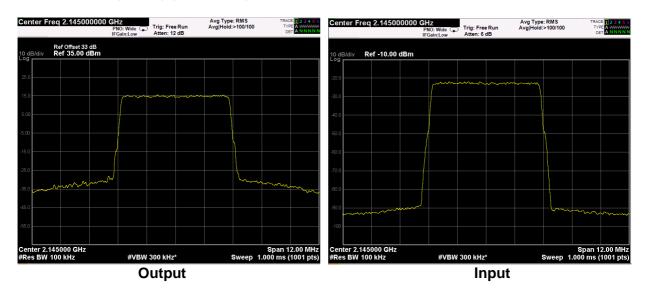




Mod. LTE 5MHz (QAM) (Down-link)



Mod. LTE 5MHz (QPSK) (Down-link)

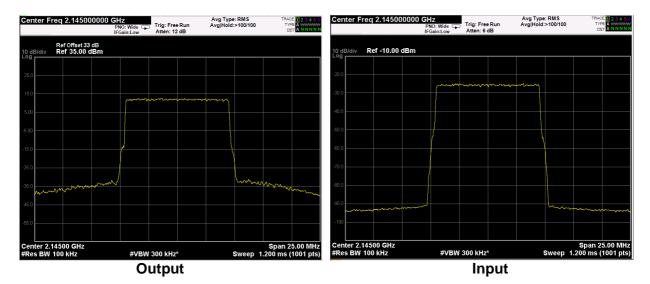




Mod. LTE 10MHz (QAM) (Down-link)



Mod. LTE 10MHz (QPSK) (Down-link)





Mod. LTE 15MHz (QAM) (Down-link)

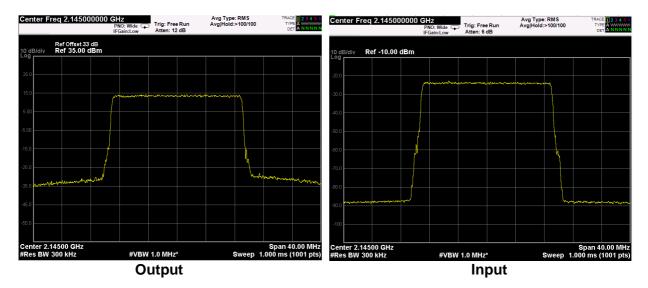


Mod. LTE 15MHz (QPSK) (Down-link)





Mod. LTE 20MHz (QAM) (Down-link)



Mod. LTE 20MHz (QPSK) (Down-link)

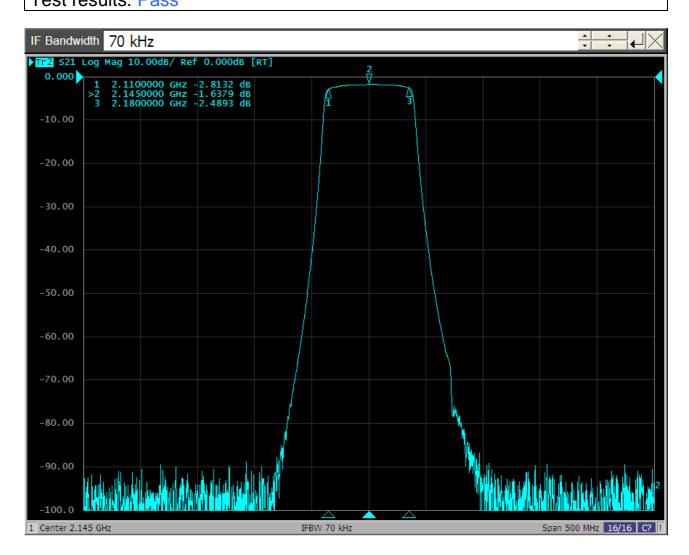




Clause 935210 D02v02r01 (D.3)(I) Out of band rejection

Out of Band Rejection – Test for rejection of out of band signals. Filter frequency response plots are acceptable.

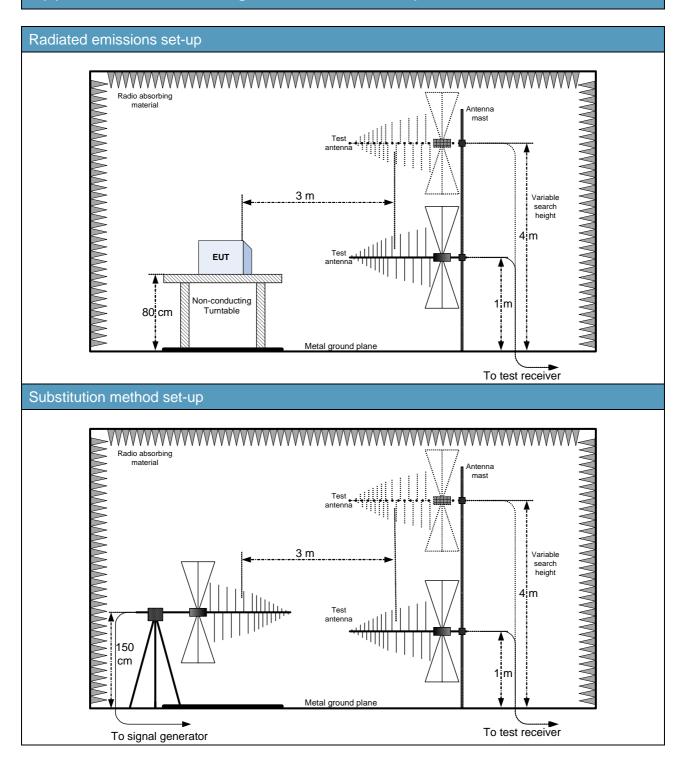
Test date: 2015-05-19
Test results: Pass





Appendix B: Block diagrams of test set-ups

Appendix B: Block diagrams





Appendix C: EUT Photos

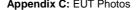
Photo Set up

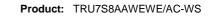






Nemko



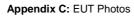








Nemko



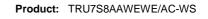
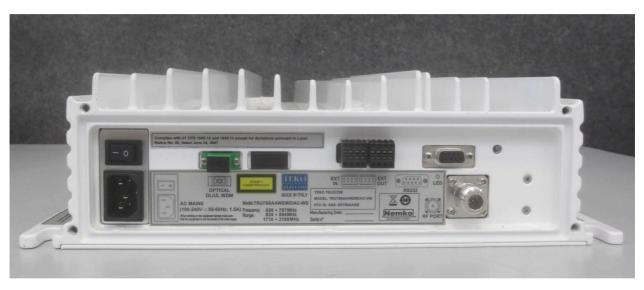


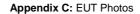




Photo EUT









Product: TRU7S8AAWEWE/AC-WS



