

Page 1 of 24

EMC Technologies Pty. Ltd.

ABN 82 057 105 549

Melbourne Sydney

 176 Harrick Road
 Unit 3/87 Station Road

 Keilor Park, Vic 3042
 Seven Hills, NSW 2147

 Tel: +61 3 9365 1000
 Tel: +61 2 9624 2777

Email: emc-general@emctech.com.au
Web: www.emctech.com.au

RADIO REPORT FOR CERTIFICATION

REPORT NUMBER: M1911041-1R1

TEST STANDARDS: FCC PART 15 SUBPART C

SECTION 15.247

ISED RSS-247 SECTION 5.0

CLIENT: AUTOMATIC TECHNOLOGY

AUSTRALIA PTY LTD

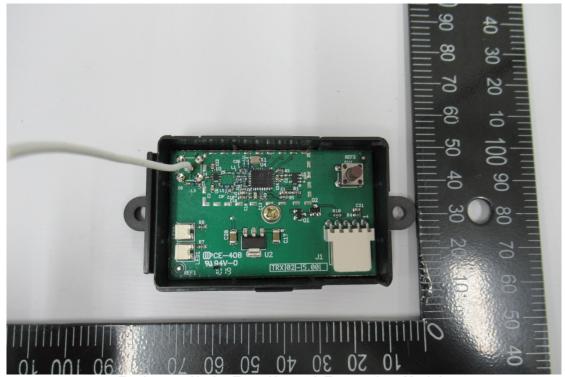
DEVICE: NETWORK TRANSCEIVER MODULE

MODEL: NTR-1V1

DATE OF ISSUE: 18 FEBRUARY 2020

EMC Technologies Pty Ltd reports apply only to the specific samples tested under stated test conditions. It is the manufacturer's responsibility to assure that additional production units of this model are manufactured with identical electrical and mechanical components. EMC Technologies Pty Ltd shall have no liability for any deductions, inferences or generalisations drawn by the client or others from EMC Technologies Pty Ltd issued reports. This report shall not be used to claim, constitute or imply product endorsement by EMC Technologies Pty Ltd.





Equipment Under Test: Network Transceiver Module

REVISION TABLE

Version	Sec/Para Changed	Change Made	Date
1		Initial issue of document	14/02/2020
2		ISED RSS-247 Standard added to this test report	18/02/2020



CONTENTS

1	Test	Summary	6
2	Test	Facility	6
	2.1	General	6
	2.2	NATA Accreditation	6
3	Test	Equipment Calibration	7
4	Mea	surement Uncertainty	7
5	Devi	ce Details	8
	5.1	EUT (Transmitter) Details	8
	5.2	EUT (Host) Details	8
	5.3	Test Configuration	8
	5.4	Modifications	8
6	Resi	ults	9
	6.1	§15.203/ RSS-Gen 6.8 Antenna Requirement	9
	6.2	§15.205/ RSS-Gen 8.10/ RSS-247 3.3 Restricted Bands of Operation	9
	6.3	§15.207/ RSS-Gen 8.8 Conducted Limits	9
	6.3.	1 Test Procedure	9
	6.3.2	2 Limits	9
	6.3.3	3 Results	10
	6.4	§15.209/ RSS-Gen 8.9 Radiated emission limits; general requirements	13
	6.5	§15.247(d)/ RSS-247 5.5 Out-of-Band/Spurious Emissions	13
	6.5.	1 Test procedure	13
	6.5.2	2 Limits	13
	6.5.3	Results: Frequency Band: 9 kHz - 30 MHz	14
	6.5.4	Results: Frequency Band: 30 - 1000 MHz	16
	6.5.5	Results: Frequency Band: 1000 – 10000 MHz	19



GRAPHS

Graph 6-1: Conducted AC mains emission, 0.15 – 30 MHz, Low channel – 912.5 MHz	10
Graph 6-2: Conducted AC mains emission, 0.15 - 30 MHz, Mid channel - 919.7 MHz	.11
Graph 6-3: Conducted AC mains emission, 0.15 – 30 MHz, High channel – 926.9 MHz	12
Graph 6-4: Spurious emissions 9 kHz – 30 MHz, 912.5 MHz, Low Channel	14
Graph 6-5: Spurious emissions 9 kHz – 30 MHz, 919.7 MHz, Mid Channel	14
Graph 6-6: Spurious emissions 9 kHz – 30 MHz, 926.9 MHz, High Channel	15
Graph 6-7: Spurious Emissions, 30 – 1000 MHz, 912.5 MHz, Low Channel	16
Graph 6-8: Spurious Emissions, 30 – 1000 MHz, 919.7 MHz, Mid Channel	17
Graph 6-9: Spurious Emissions, 30 – 1000 MHz, 926.9 MHz, High Channel	18
Graph 6-10: Spurious Emissions, 1000 - 10000 MHz, Low Channel 912.5 MHz, Peak	19
Graph 6-11: Spurious Emissions, 1000 - 10000 MHz, Low Channel 912.5 MHz, Average	20
Graph 6-12: Spurious Emissions, 1000 - 10000 MHz, Mid Channel 919.7 MHz, Peak	21
Graph 6-13: Spurious Emissions, 1000 - 10000 MHz, Mid Channel 919.7 MHz, Average	22
Graph 6-14: Spurious Emissions, 1000 - 10000 MHz, High Channel 926.9 MHz, Peak	23
Graph 6-15: Spurious Emissions, 1000 - 10000 MHz, High Channel 926.5 MHz, Average	24

TABLES

Table 6-1: Conducted AC mains emission, 0.15 – 30 MHz, Low channel – 912.5 MHz	10
Table 6-2: Conducted AC mains emission, 0.15 – 30 MHz, Mid channel – 919.7 MHz	11
Table 6-3: Conducted AC mains emission, 0.15 – 30 MHz, High channel – 926.9 MHz	12
Table 6-4: Spurious Emissions, 30 - 1000 MHz, 912.5 MHz, Low Channel	16
Table 6-5: Spurious Emissions, 30 - 1000 MHz, 919.7 MHz, Mid Channel	17
Table 6-6: Spurious Emissions, 30 - 1000 MHz, 926.9 MHz, High Channel	18
Table 6-7: Spurious Emissions, 1000 - 10000 MHz, Low Channel 912.5 MHz, Average	20
Table 6-8: Spurious Emissions, 1000 - 10000 MHz, Mid Channel 919.7 MHz, Peak	21
Table 6-9: Spurious Emissions, 1000 - 10000 MHz, Mid Channel 919.7 MHz, Average	22
Table 6-10: Spurious Emissions, 1000 - 10000 MHz, High Channel 926.5 MHz, Average	24





CERTIFICATE OF COMPLIANCE

Device: Network Transceiver Module

Model Number: NTR-1V1

Manufacturer: Automatic Technology Australia Pty Ltd

FCC ID: X4K-TRX02403 IC ID: 8880A-TRX02403

Tested for: Automatic Technology Australia Pty Ltd

Address: 6–8 Fiveways Boulevard, Keysborough, VIC 3172

Phone Number: +61 3 9791 0200 Contact: +61 3 9791 0200 Nikolai Klepikov

Email: nikolai.klepikov@ata-aust.com.au

Standard: FCC Part 15, Subpart C, Section 15.247 Operation within the bands

902-928 MHz, 2400-2483.5 MHz, and 5725-5850 MHz (Partial testing)

ISED RSS-247, Issue 2, Section 5 Standard specifications for frequency hopping systems and digital transmission systems operating in the bands 902-928 MHz, 2400-2483.5 MHz and 5725-5850 MHz

(Partial testing)

Result: The test sample complied with the tested requirements of the above

standards.

Test Date(s): 6th and 13th December, 2019

Issue Date: 18 February 2020

Wilson XPAV

Test Engineer(s): Wilson Xiao

Attestation: I hereby certify that the device(s) described herein were tested as

described in this report and that the data included is that which was

obtained during such testing.

Authorised Signatory: Shabbir Ahmed, PhD

Senior EMC and RF Engineer

Issued by: EMC Technologies Pty. Ltd., 176 Harrick Road, Keilor Park, VIC, 3042, Australia.

Phone: +61 3 9365 1000

E-mail: emc-general@emctech.com.au Web: www.emctech.com.au





RADIO REPORT FOR CERTIFICATION

1 TEST SUMMARY

Sec.	Description	FCC	ISED	Result(s)
6.1	Antenna Requirement	§15.203	§RSS-Gen 6.8	Complied
6.2	Restricted Bands of Operation	§15.205	§RSS-Gen 8.10 /RSS-247 3.3	Complied
6.3	Conducted Limits	§15.207	§RSS-Gen 8.8	Complied
6.4	Radiated emission limits; general requirements	§15.209	§RSS-Gen 8.9	Complied
6.5	Out-of-Band/Spurious Emissions	§15.247(d)	§RSS-247 5.5	Complied

2 TEST FACILITY

2.1 General

EMC Technologies Pty Ltd is accredited by the FCC as a test laboratory able to perform compliance testing for the public. EMC Technologies Pty Ltd has also been designated as a Conformity Assessment Body (CAB) by Australian Communications and Media Authority (ACMA) under the APECTEL MRA and is designated to perform compliance testing on equipment subject to Certification under Parts 15 and 18 of the FCC Commission's rules – Registration Number 494713 & Designation number AU0001.

EMC Technologies Pty Ltd is also an ISED Canada recognized testing laboratory – **ISED** company number: **3569B** and **CAB** identifier number: **AU0001**.

2.2 NATA Accreditation

NATA is the Australian National laboratory accreditation body and has accredited EMC Technologies to operate to the IEC/ISO17025 requirements. A major requirement for accreditation is the assessment of the company and its personnel as being technically competent in testing to the standards. This requires fully documented test procedures, continued calibration of all equipment to the National Standard at the National Measurements Institute (NMI) and an internal quality system similar to ISO 9002. NATA has mutual recognition agreements with the National Voluntary Laboratory Accreditation Program (NVLAP) and the American Association for Laboratory Accreditation (A²LA).

All testing in this report has been conducted in accordance with EMC Technologies' scope of NATA accreditation to ISO 17025 for both testing and calibration and ISO 17020 for Inspection – **Accreditation Number 5292**.

The current full scope of accreditation can be found on the NATA website: www.nata.com.au





3 TEST EQUIPMENT CALIBRATION

Measurement instrumentation and transducers were calibrated in accordance with the applicable standards by an independent NATA accredited laboratory such as Keysight Technologies (Australia) Pty Ltd or the National Measurement Institute (NMI) or in-house. All equipment calibration is traceable to Australian national standards at the National Measurements Institute.

Equipment Type	Make/Model/Serial Number	Last Cal. dd/mm/yyyy	Due Date dd/mm/yyyy	Cal. Interval
Chamber	Frankonia SAC-10-2 (R-139)	10/01/2019	10/01/2022	3 Year*1
ЕМІ	Rhode & Schwarz ESR7 Sn: 101804 (R-142)	06/08/2019	06/08/2020	1 Year*2
Receiver	R&S ESCI Sn:100011 (R-028)	02/07/2019	02/07/2020	1 Year*2
	SUNOL JB1 Sn. A012312 (A-363)	05/06/2019	05/06/2021	2 Year*2
Antennas	EMCO 3115 Horn Antenna Sn: 9501-4398 (A-406)	16/01/2019	16/01/2022	3 Year*2
	EMCO 6502 Active Loop Antenna Sn: 9311-2801 (A-231)	16/11/2018	16/11/2020	2 Year*2
	· · · · · ·			
	Huber & Suhner Sucoflex 104A Sn: 507095/4A (C-486)	29/01/2019	29/01/2020	1 Year*1
Cables*3	Huber & Suhner Sucoflex 104A Sn: 503056 (C-458)	25/01/2019	25/01/2020	1 Year*1
	Huber & Suhner Sucoflex 104A Sn: 503056 (C-487)	29/01/2019	29/01/2020	1 Year*1

Note *1. Internal NATA calibration.

4 MEASUREMENT UNCERTAINTY

EMC Technologies has evaluated the equipment and the methods used to perform the emissions testing. The estimated measurement uncertainties for emissions tests shown within this report are as follows:

Conducted Emissions:	9 kHz to 30 MHz	±3.2 dB
Radiated Emissions:	9 kHz to 30 MHz 30 MHz to 300 MHz 300 MHz to 1000 MHz 1 GHz to 18 GHz	±4.1 dB ±5.1 dB ±4.7 dB ±4.6 dB
Peak Output Power:		±1.5 dB

The above expanded uncertainties are based on standard uncertainties multiplied by a coverage factor of k=2, providing a level of confidence of approximately 95%.



Note *2. External NATA / A2LA calibration.

Note *3. Calibration date was valid during the time of testing.



5 DEVICE DETAILS

(Information supplied by the Client)

The NTR-1V1 was a radio transceiver which plugged into a garage door or gate controller. The connection provided power and allowed commands and status to be exchanged so that the garage door or gate could be controlled and monitored via the home network.

5.1 EUT (Transmitter) Details

Radio: 915MHz radio transceiver

Low Channel: 912.5 MHz

Operating Frequency: Mid Channel: 919.7 MHz

High Channel: 926.9 MHz

Modulation: 2GFSK, 40 kb/s

Number of Channels: 25

Antenna: Monopole Wire Antenna

Antenna gain: unknown

5.2 EUT (Host) Details

Test Sample: Network Transceiver Module

Model Number: NTR-1V1
Serial Number: 14817

Manufacturer: Automatic Technology Australia Pty Ltd

Supply Rating: Power Adapter Input: 100- 240 V AC, 50/60Hz,0.3A

Output: 5V DC, 2000mA

5.3 Test Configuration

Testing was performed with the EUT set to transmit continuously (with modulation applied) at low, mid and high channel with maximum transmit power.

5.4 Modifications

No modification was required to achieve compliance.

Note:

The EUT was perviously tested in 2016 and refer to Report M160424-1Rev3 for all other test results.

The following changes have been made on the EUT:

- The method of powering the board from a dual power supply (+24Vdc and +5Vdc) to a single (+5Vdc) has been changed.
- Type of voltage regulator changed from DC/DC converter to linear (LDO).

The RF part and interface remained unchanged.





6 RESULTS

6.1 §15.203/ RSS-Gen 6.8 Antenna Requirement

The 915 MHz radio transceiver incorporates a wire antenna which is soldered directly to the PCB and cannot be replaced by another type.

Antenna Type: Wire antenna Antenna gain: Unknown

6.2 §15.205/ RSS-Gen 8.10/ RSS-247 3.3 Restricted Bands of Operation

The provisions of the §15.205 restricted bands of operation and §15.209 radiated emissions limits have been met, refer to section 6.5

6.3 §15.207/ RSS-Gen 8.8 Conducted Limits

6.3.1 Test Procedure

The arrangement specified in ANSI C63.10: 2013 was adhered to for the conducted EMI measurements. The EUT was placed in the RF screened enclosure and a CISPR EMI Receiver as defined in ANSI C63.2: 2009 was used to perform the measurements.

The specified 0.15 MHz to 30 MHz frequency range was sub-divided into sub-ranges to ensure that all short duration peaks were captured. For each of the sub-ranges, the EMI receiver was set to continuous scan with the Peak detector set to Max-Hold mode. The Quasi-Peak detector and the Average detector were then invoked to measure the actual Quasi-Peak and Average level of the most significant peaks, which were detected.

6.3.2 Limits

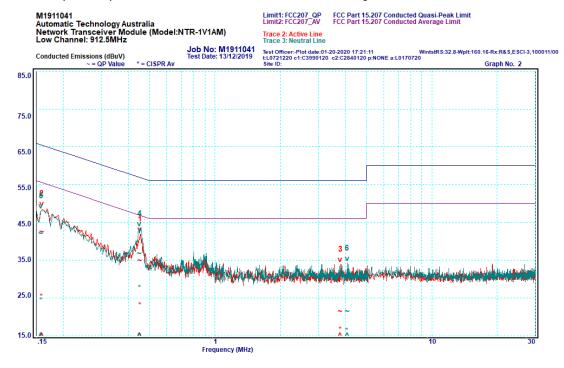
The limit applied was in accordance to the conducted limits defined in §15.207.





6.3.3 Results

The sample complied with the conducted emission limits of §15.207.

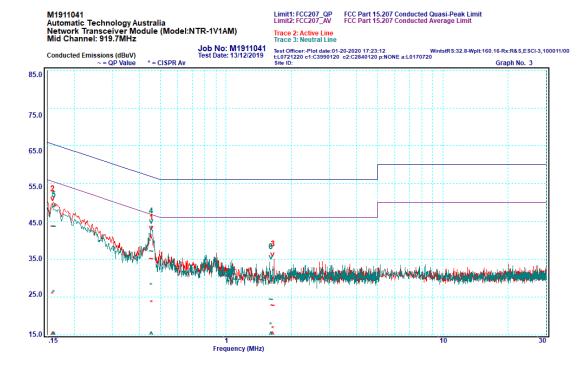


Graph 6-1: Conducted AC mains emission, 0.15 - 30 MHz, Low channel - 912.5 MHz

Table 6-1: Conducted AC mains emission, 0.15 – 30 MHz, Low channel – 912.5 MHz

	F=====================================		Quasi-Peak			Average		
Peak	Frequency [MHz]	Line	Level	Limit	∆ Limit	Level	Limit	∆ Limit
			[dBµV]	[dBµV]	[±dB]	[dBµV]	[dBµV]	[±dB]
1	0.452	Active	34.9	56.8	-21.9	23	46.8	-23.8
2	0.159	Active	42.5	65.5	-23	25.2	55.5	-30.3
3	3.792	Active	21.3	56	-34.7	16.5	46	-29.5
4	0.45	Neutral	36.7	56.9	-20.2	27.6	46.9	-19.3
5	0.158	Neutral	41.9	65.6	-23.7	24.3	55.6	-31.3
6	4.064	Neutral	21.4	56	-34.6	16.2	46	-29.8



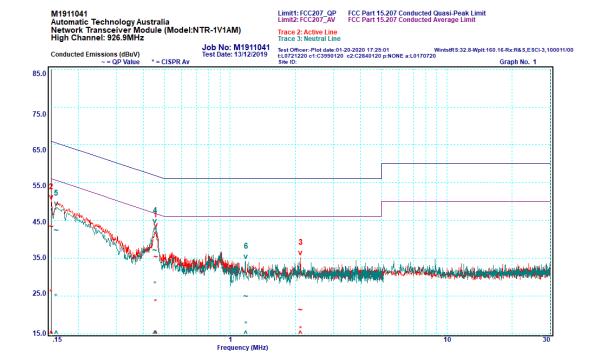


Graph 6-2: Conducted AC mains emission, 0.15 - 30 MHz, Mid channel - 919.7 MHz

Table 6-2: Conducted AC mains emission, 0.15 - 30 MHz, Mid channel - 919.7 MHz

	Eroguenov		Quasi-Peak			Average		
Peak	Frequency [MHz]	Line	Level [dBμV]	Limit [dBµV]	∆ Limit [±dB]	Level [dBμV]	Limit [dBµV]	∆ Limit [±dB]
	2 1 - 1							
1	0.454	Active	35	56.8	-21.8	23.2	46.8	-23.6
2	0.159	Active	43.6	65.5	-21.9	25.6	55.5	-29.9
3	1.647	Active	22.6	56	-33.4	16.4	46	-29.6
4	0.453	Neutral	37	56.8	-19.8	27.8	46.8	-19
5	0.161	Neutral	43.5	65.4	-21.9	25.9	55.4	-29.5
6	1.614	Neutral	24.2	56	-31.8	17.4	46	-28.6





Graph 6-3: Conducted AC mains emission, 0.15 – 30 MHz, High channel – 926.9 MHz

Table 6-3: Conducted AC mains emission, 0.15 - 30 MHz, High channel - 926.9 MHz

	Eroguenov		Quasi-Peak			Average		
Peak	Frequency [MHz]	Line	Level [dBμV]	Limit [dBµV]	∆ Limit [±dB]	Level [dBμV]	Limit [dBµV]	∆ Limit [±dB]
_								
1	0.456	Active	35.2	56.8	-21.6	23.2	46.8	-23.6
2	0.151	Active	43.3	66	-22.7	25.8	56	-30.2
3	2.119	Active	21.3	56	-34.7	16.1	46	-29.9
4	0.452	Neutral	37	56.8	-19.8	27.9	46.8	-18.9
5	0.159	Neutral	42.4	65.5	-23.1	24.7	55.5	-30.8
6	1.189	Neutral	24.8	56	-31.2	17.3	46	-28.7



6.4 §15.209/ RSS-Gen 8.9 Radiated emission limits; general requirements

The provisions of the §15.205 restricted bands of operation and §15.209 radiated emissions limits have been met, refer to section 6.5

6.5 §15.247(d)/ RSS-247 5.5 Out-of-Band/Spurious Emissions

6.5.1 Test procedure

Radiated out-of-band/spurious emissions measurements were performed in a semi-anechoic chamber compliant with ANSI C63.4: 2014.

The test frequency range was sub-divided into smaller bands with the defined resolution bandwidths to permit reliable display and identification of emissions.

Frequency range [MHz]	Measurement Bandwidth [kHz]	Measurement Distance [m]	Antenna
0.009 to 0.150	0.2	10	0.6 metre loop antenna
0.150 to 30	9	10	0.6 metre 100p antenna
30 to 1000	120	10	Biconilog hybrid
1000 to 18 000	1000	3	Standard gain or broadband
18 000 to 40 000	1000	1	horn

EUT was set at a height of 0.8 m for measurements below 1000 MHz and set at 1.5 m for measurements above 1000 MHz.

The sample was slowly rotated with the spectrum analyser set to Max-Hold. This was performed for at least two antenna heights. When an emission was located, it was positively identified and its maximum level found by rotating the automated turntable and by varying the antenna height. For below 1000 MHz the emissions were measured with a Quasi-Peak detector, and for above 1000 MHz the emissions were measured with Peak and Average detectors.

Measurements on the worst axis presented below.

The measurement data for each frequency range was corrected for cable losses, antenna factors and preamplifier gain. This process was performed for both horizontal and vertical polarisations of the measurement antenna.

6.5.2 Limits

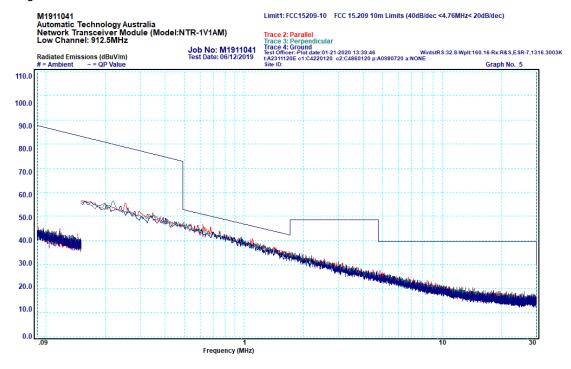
The limit applied is in accordance with the out-of-band/spurious emissions limit defined in §15.247(d).



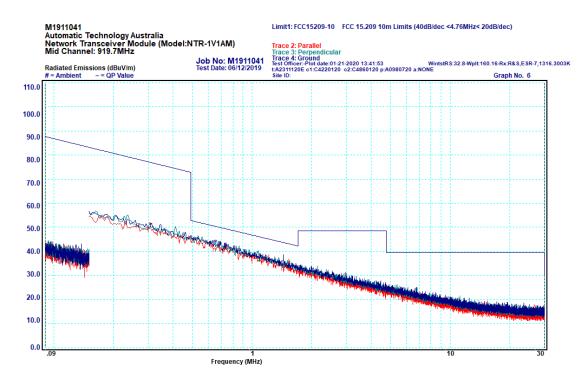


6.5.3 Results: Frequency Band: 9 kHz - 30 MHz

All emissions measured in the frequency band 9 kHz to 30 MHz complied with the requirements of §15.247. The emissions were 10 dB or more below the limit.



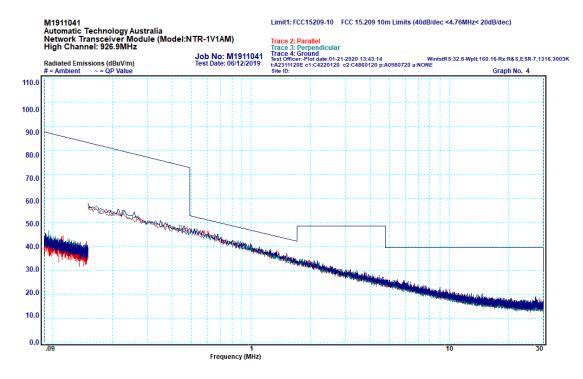
Graph 6-4: Spurious emissions 9 kHz - 30 MHz, 912.5 MHz, Low Channel



Graph 6-5: Spurious emissions 9 kHz - 30 MHz, 919.7 MHz, Mid Channel





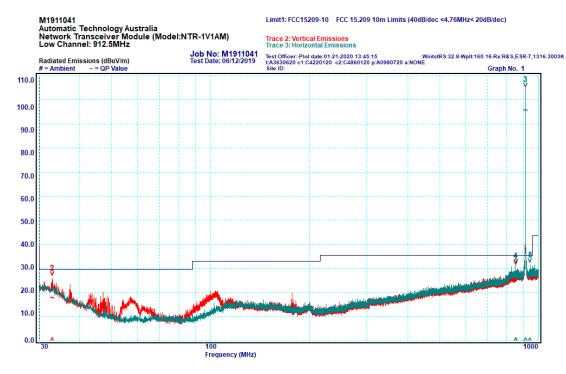


Graph 6-6: Spurious emissions 9 kHz - 30 MHz, 926.9 MHz, High Channel



6.5.4 Results: Frequency Band: 30 - 1000 MHz

All spurious emissions measured in the frequency band 30 MHz to 1000 MHz complied with the requirements of §15.247.



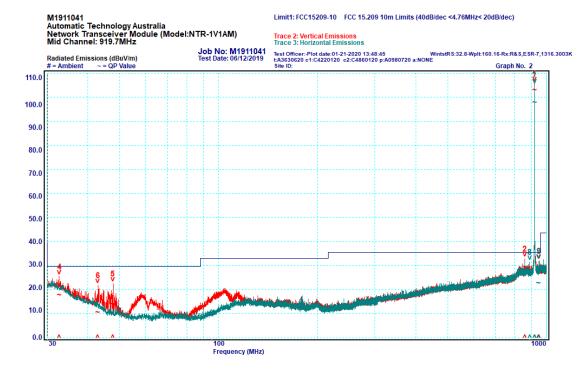
Graph 6-7: Spurious Emissions, 30 – 1000 MHz, 912.5 MHz, Low Channel

Table 6-4: Spurious Emissions, 30 - 1000 MHz, 912.5 MHz, Low Channel

Peak	Frequency (MHz)	Polarisation	Quasi-Peak (dBµV/m)	Limit (dBµV/m)	Delta Limit (dB)
1	852.44	Vertical	27.6	35.5	-7.9
2	32.96	Vertical	17.6	29.5	-11.9
3*	912.51	Horizontal	N/A	N/A	N/A
4	852.38	Horizontal	28.3	35.5	-7.2
5	942.68	Horizontal	26.4	35.5	-9.1

^{*}Peak 3 is the fundamental transmission and is not subject to the spurious limits of the standard.





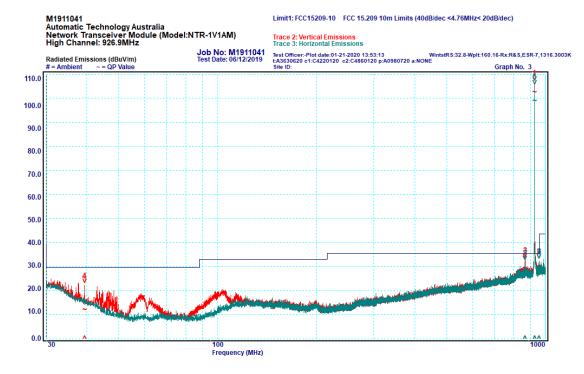
Graph 6-8: Spurious Emissions, 30 – 1000 MHz, 919.7 MHz, Mid Channel

Table 6-5: Spurious Emissions, 30 - 1000 MHz, 919.7 MHz, Mid Channel

Peak	Frequency (MHz)	Polarisation	Quasi-Peak (dBµV/m)	Limit (dBµV/m)	Delta Limit (dB)
1*	919.71	Vertical	N/A	N/A	N/A
2	859.78	Vertical	29.5	35.5	-6
3	949.86	Vertical	28.6	35.5	-6.9
4	32.74	Vertical	17.7	29.5	-11.8
5	47.66	Vertical	13.9	29.5	-15.6
6	42.9	Vertical	10.5	29.5	-19
7*	919.7	Horizontal	N/A	N/A	N/A
8	889.82	Horizontal	27.5	35.5	-8
9	947.35	Horizontal	22.6	35.5	-12.9

^{*}Peaks 1 and 7 are the fundamental transmissions and are not subject to the spurious limits of the standard





Graph 6-9: Spurious Emissions, 30 - 1000 MHz, 926.9 MHz, High Channel

Table 6-6: Spurious Emissions, 30 - 1000 MHz, 926.9 MHz, High Channel

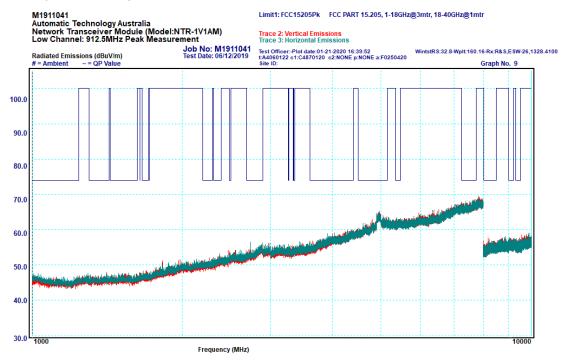
Peak	Frequency (MHz)	Polarisation	Quasi-Peak (dBµV/m)	Limit (dBµV/m)	Delta Limit (dB)
1*	926.91	Vertical	N/A	N/A	N/A
2	956.78	Vertical	29.5	35.5	-6
3	866.98	Vertical	29.3	35.5	-6.2
4	39.39	Vertical	12	29.5	-17.5
5*	926.9	Horizontal	N/A	N/A	N/A
6	957.03	Horizontal	28.8	35.5	-6.7
7	866.96	Horizontal	28.7	35.5	-6.8

^{*}Peaks 1 and 5 are the fundamental transmissions and are not subject to the spurious limits of the standard



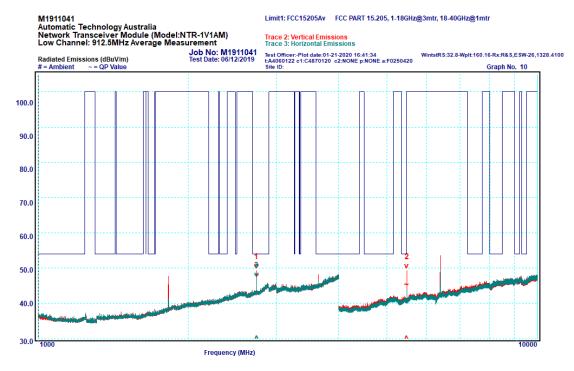
6.5.5 Results: Frequency Band: 1000 - 10000 MHz

All spurious emissions measured in the frequency band 1000 MHz to 10000 MHz complied with the requirements of $\S15.247$.



Graph 6-10: Spurious Emissions, 1000 - 10000 MHz, Low Channel 912.5 MHz, Peak



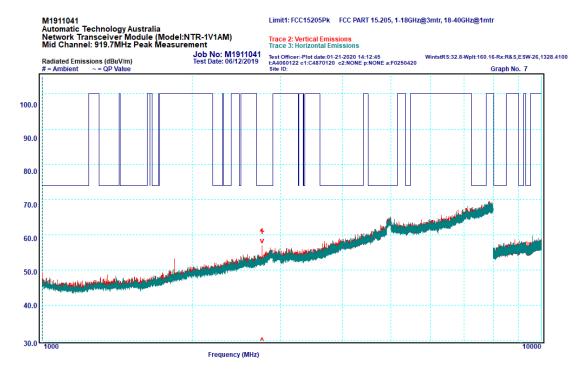


Graph 6-11: Spurious Emissions, 1000 - 10000 MHz, Low Channel 912.5 MHz, Average

Table 6-7: Spurious Emissions, 1000 - 10000 MHz, Low Channel 912.5 MHz, Average

Peak	Frequency (MHz)	Polarisation	Average (dBµV/m)	Limit (dBµV/m)	Delta Limit (dB)
1	2737.56	Vertical	50.7	54	-3.3
2	5475.77	Vertical	45.3	100	-54.7
3	2737.45	Horizontal	48.1	54	-5.9



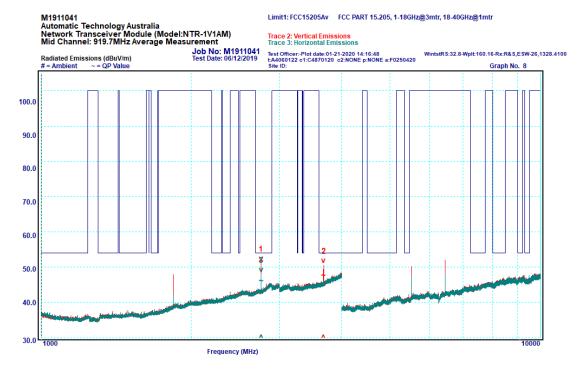


Graph 6-12: Spurious Emissions, 1000 - 10000 MHz, Mid Channel 919.7 MHz, Peak

Table 6-8: Spurious Emissions, 1000 - 10000 MHz, Mid Channel 919.7 MHz, Peak

Peak	Frequency (MHz)	Polarisation	Peak (dΒμV/m)	Limit (dBµV/m)	Delta Limit (dB)
1	2759.13	Vertical	61.0	74.0	-13.0



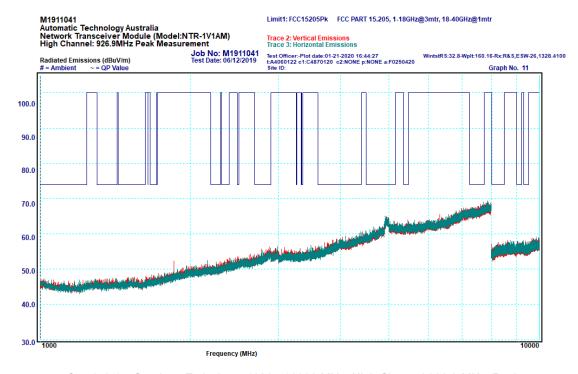


Graph 6-13: Spurious Emissions, 1000 - 10000 MHz, Mid Channel 919.7 MHz, Average

Table 6-9: Spurious Emissions, 1000 - 10000 MHz, Mid Channel 919.7 MHz, Average

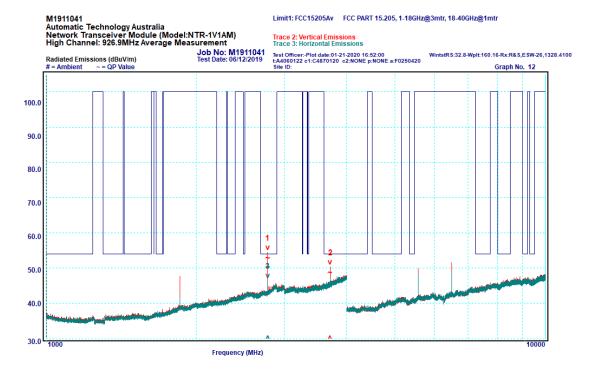
Peak	Frequency (MHz)	Polarisation	Average (dBµV/m)	Limit (dBµV/m)	Delta Limit (dB)
1	2759.27	Vertical	51.5	54	-2.5
2	3679.28	Vertical	47.5	54	-6.5
3	2759.12	Horizontal	46	54	-8





Graph 6-14: Spurious Emissions, 1000 - 10000 MHz, High Channel 926.9 MHz, Peak





Graph 6-15: Spurious Emissions, 1000 - 10000 MHz, High Channel 926.5 MHz, Average

Table 6-10: Spurious Emissions, 1000 - 10000 MHz, High Channel 926.5 MHz, Average

Peak	Frequency (MHz)	Polarisation	Average (dBµV/m)	Limit (dBµV/m)	Delta Limit (dB)
1	2780.69	Vertical	52.8	54	-1.2
2	3707.99	Vertical	48.7	54	-5.3
3	2780.81	Horizontal	50.2	54	-3.8

END OF REPORT