



1100 E Chalk Creek Road
 Coalville, UT 84017
 (435) 336-4433
 FAX (435) 336-4436

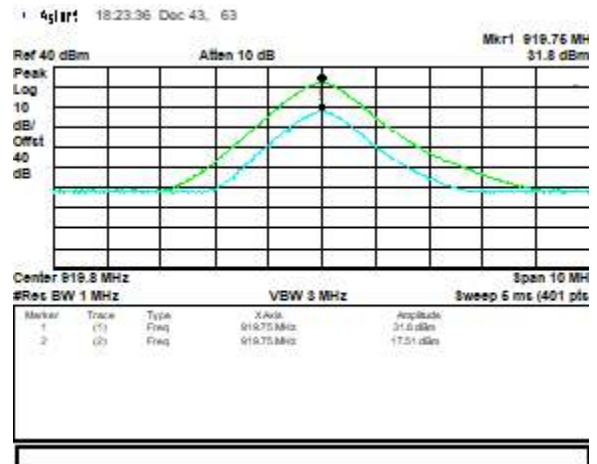
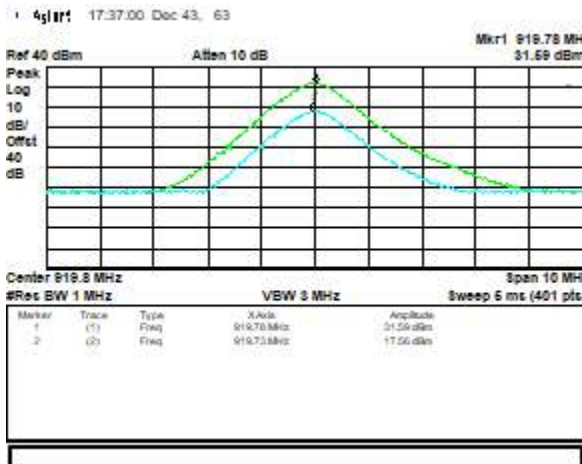
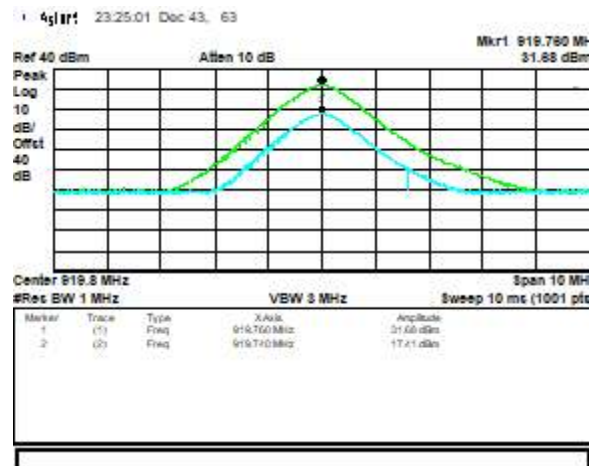
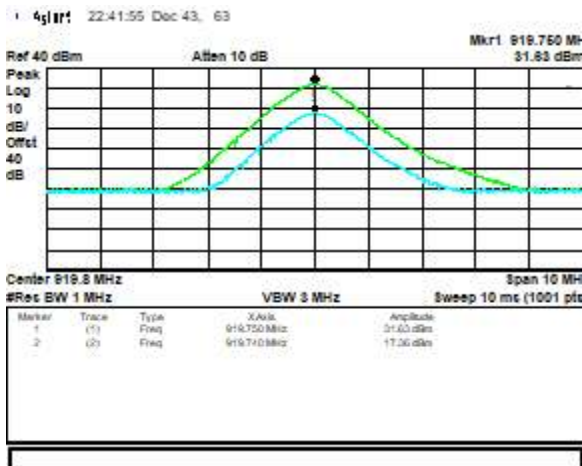
RF Power Output

DNB Job Number:	76136	Date:	16-17 Mar 2018	Conformance Standard FCC Part 90 RSS-137
Customer:	Transcore			
Model Number:	MPRXV1			
Description:	Multiprotocol Reader Extreme			Clause 90.205(I) RSS-137 cl 6.4

LEGEND TO PLOTS BELOW

IAG - Port 0 - High Channel	IAG - Port 1 - High Channel
IAG - Port 2 - High Channel	IAG - Port 3 - High Channel

Note: Plots below show maximum and minimum power levels.



Measurements shall be made to establish the modulation characteristics delivered by the transmitter into the standard output termination. The modulation characteristics shall be monitored and recorded and no adjustment shall be made to the transmitter after the test has begun.

The modulation characteristics were measured at the antenna terminal by replacing the antenna with cabling, spectrum analyzer and appropriate attenuation. The spectrum analyzer offered impedance of 50 Ω to match the impedance of the standard antenna. A Spectrum Analyzer was used to measure the modulation characteristics at the antenna port. Reference plots can be reviewed in the Occupied Bandwidth and Emission Mask sections.

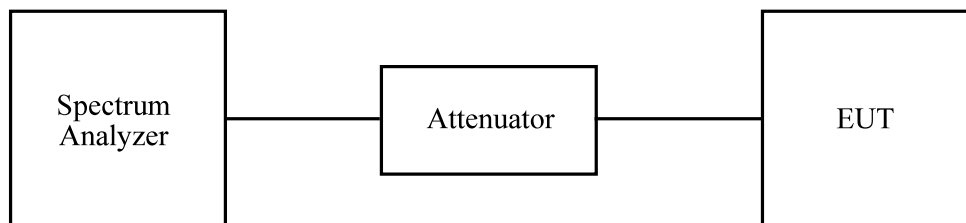
Data was taken per Paragraph FCC 2.1047(d) and applicable paragraphs of FCC Part 90.207 and Industry Canada RSS-137 paragraph 6.2.

The transmitter operates in continuous wave (CW) and/or offering data transmitted signals modulated in amplitude/width/duration. All operating channels fall within the Non-Multilateral Occupied Bandwidth limitations. Emission Designators have been provided below.

EUT operating conditions:

The software provided by the client to enable the EUT to transmit continuously at the each channel respectively.

Test Set Up:






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Modulation Characteristics

DNB Job Number:	76136	Date:	9 Sep 2016	Conformance Standard FCC Part 90 RSS-137
Customer:	Transcore			
Model Number:	MPRXV1			
Description:	Multiprotocol Reader Extreme			Clause Part 90.207 RSS-137 cl. 6.2
Ambient Temperature		Relative Humidity		Barometric Pressure
19 °C		28 %		101.8 kPa
EUT performed within the requirements of the applicable standard <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>Les Payne</i>				

Band	Channel	Freq in MHz	Modulation	OBW kHz	Designator	Maximum Authorized Bandwidth (MHz)	Result
Low	Low	902.250	ATA (CW)	65.929	NON	902.000 to 904.000	Pass
Low	Middle	903.000	ATA (CW)	65.929	NON	902.000 to 904.000	Pass
Low	High	903.750	ATA (CW)	66.117	NON	902.000 to 904.000	Pass
High	Low	910.000	ATA (CW)	65.742	NON	909.750 to 921.750	Pass
High	Middle	915.750	ATA (CW)	65.992	NON	909.750 to 921.750	Pass
High	High	921.500	ATA (CW)	65.867	NON	909.750 to 921.750	Pass
High	Low	911.750	eGo	405.699	405K7L1D	909.750 to 921.750	Pass
High	Middle	915.750	eGo	403.200	403K2L1D	909.750 to 921.750	Pass
High	High	919.750	eGo	399.450	399K5L1D	909.750 to 921.750	Pass
High	Low	911.750	SeGo	523.185	523K2L1D	909.750 to 921.750	Pass
High	Middle	915.750	SeGo	521.685	521K7L1D	909.750 to 921.750	Pass
High	High	919.750	SeGo	520.935	520K9L1D	909.750 to 921.750	Pass
High	Low	911.750	IAG	440.945	440K9L1D	909.750 to 921.750	Pass
High	Middle	915.750	IAG	440.445	440K4L1D	909.750 to 921.750	Pass
High	High	919.750	IAG	438.945	438K9L1D	909.750 to 921.750	Pass
High	Low	911.750	EPC	476.440	476K4L1D	909.750 to 921.750	Pass
High	Middle	915.750	EPC	473.691	473K7L1D	909.750 to 921.750	Pass
High	High	919.750	EPC	469.441	469K4L1D	909.750 to 921.750	Pass

	1100 E Chalk Creek Road Coalville, UT 84017 (435) 336-4433 FAX (435) 336-4436		Emission Mask
DNB Job Number:	76136	Date:	12 Sep 2016
Customer:	Transcore		Conformance Standard FCC Part 90 RSS-137
Model Number:	MPRXV1		
Description:	Multiprotocol Reader Extreme		Clause 90.210 (k) RSS-137 cl. 6.5.3

90.210 (k) Emission Mask K

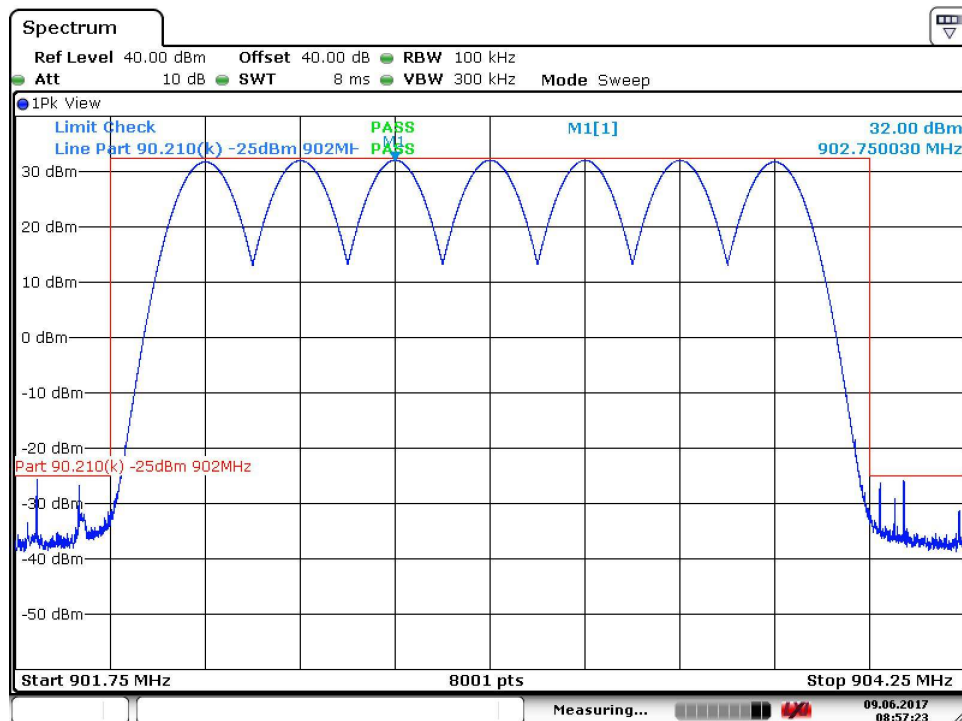
- (3) Other transmitters. For all other transmitters authorized under subpart M that operate in the 902-928 MHz band, the peak power of any emission shall be attenuated below the power of the highest emission contained within the licensee's sub-band in accordance with the following schedule:
 - (i) On any frequency within the authorized bandwidth: Zero dB.
 - (ii) On any frequency outside the licensee's sub-band edges: $55 + 10 \log(P)$ dB, where (P) is the highest emission (watts) of the transmitter inside the licensee's sub-band.
- (4) In the 902-928 MHz band, the resolution bandwidth of the instrumentation used to measure the emission power shall be 100 kHz, except that, in regard to paragraph (2) of this section, a minimum spectrum analyzer resolution bandwidth of 300 Hz shall be used for measurement center frequencies with 1 MHz of the edge of the authorized subband. The video filter bandwidth shall not be less than the resolution bandwidth.
- (5) Emission power shall be measured in peak values.
- (6) The LMS sub-band edges for non-multilateration systems for which emissions must be attenuated are 902.00, 904.00, 909.5 and 921.75 MHz.



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Emission Mask

DNB Job Number:	76136	Date:	9 Jun 2017	Conformance Standard FCC Part 90 RSS-137 Clause 90.210 (k) RSS-137 cl. 6.5.3
Customer:	Transcore			
Model Number:	MPRXV1			
Description:	Multiprotocol Reader Extreme			
Environmental Conditions				
Ambient Temperature		Relative Humidity		Barometric Pressure
21 °C		25 %		101.2 kPa
EUT performed within the requirements of the applicable standard <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>Clay Allred</i>				
Modulation	Freq Band (MHz)	Mask	Pass/Fail	
ATA	902.000 to 904.000	90.210 (k)	Pass	



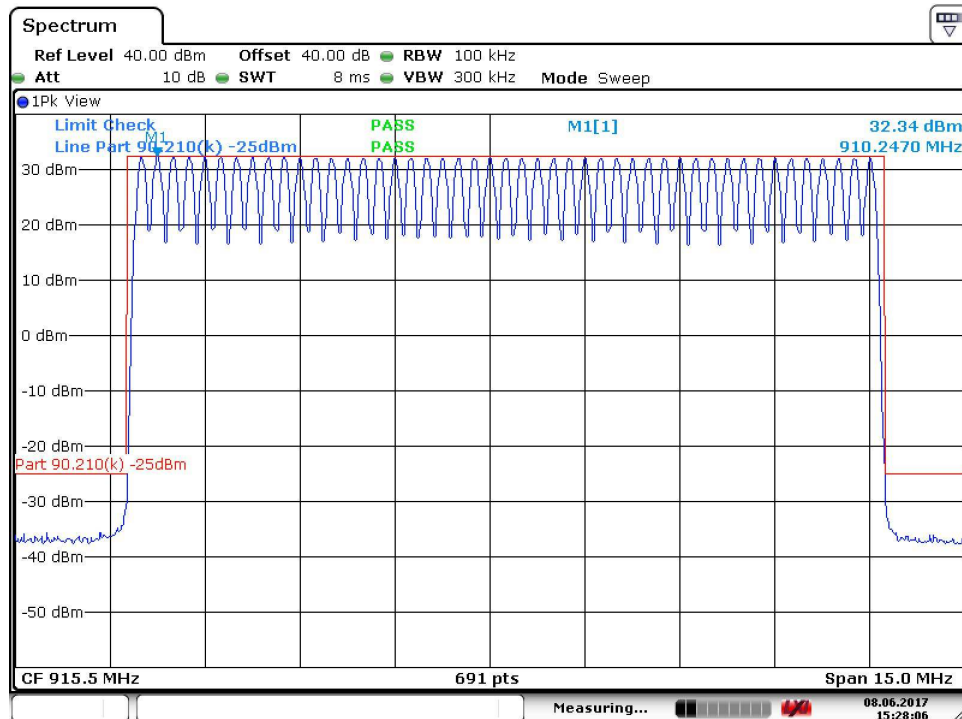
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Emission Mask

DNB Job Number:	76136	Date:	8 Jun 2017	Conformance Standard FCC Part 90 RSS-137
Customer:	Transcore			
Model Number:	MPRXV1			
Description:	Multiprotocol Reader Extreme			Clause 90.210 (k) RSS-137 cl. 6.5.3
Environmental Conditions				
Ambient Temperature		Relative Humidity		Barometric Pressure
21 °C		25 %		101.2 kPa
EUT performed within the requirements of the applicable standard <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>Clay Allred</i>				
Modulation	Freq Band (MHz)	Mask	Pass/Fail	
ATA	909.750 to 921.750	90.210 (k)	Pass	



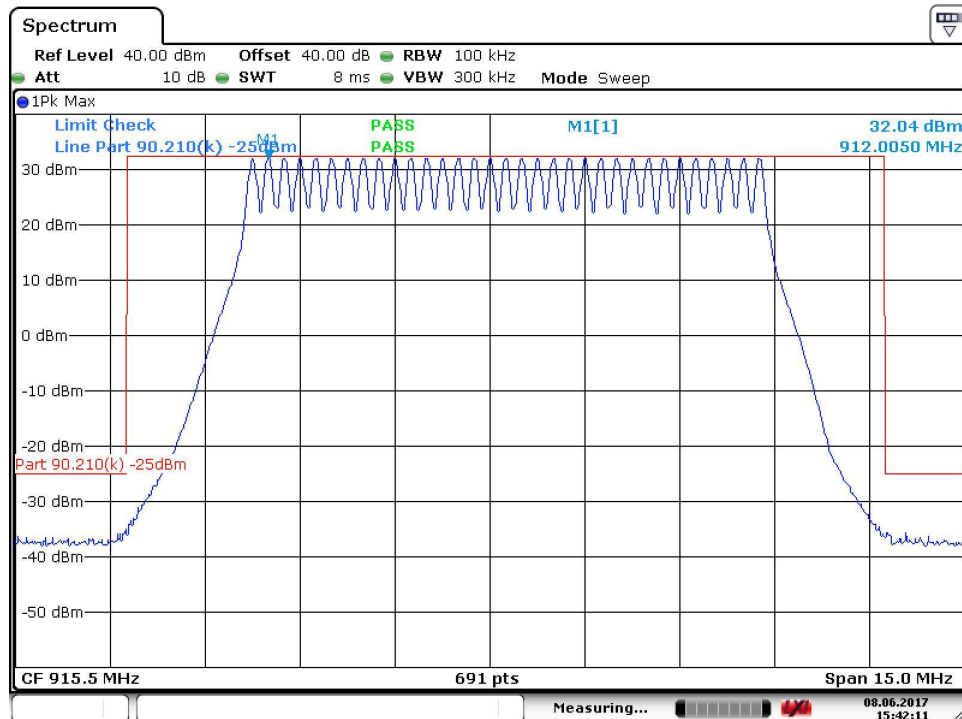
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Emission Mask

DNB Job Number:	76136	Date:	8 Jun 2017	Conformance Standard FCC Part 90 RSS-137
Customer:	Transcore			
Model Number:	MPRXV1			
Description:	Multiprotocol Reader Extreme			
Clause 90.210 (k) RSS-137 cl. 6.5.3				
Environmental Conditions				
Ambient Temperature		Relative Humidity		Barometric Pressure
21 °C		25 %		101.2 kPa
EUT performed within the requirements of the applicable standard <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>Clay Allred</i>				
Modulation	Freq Band (MHz)	Mask	Pass/Fail	
eGo	909.750 to 921.750	90.210 (k)	Pass	



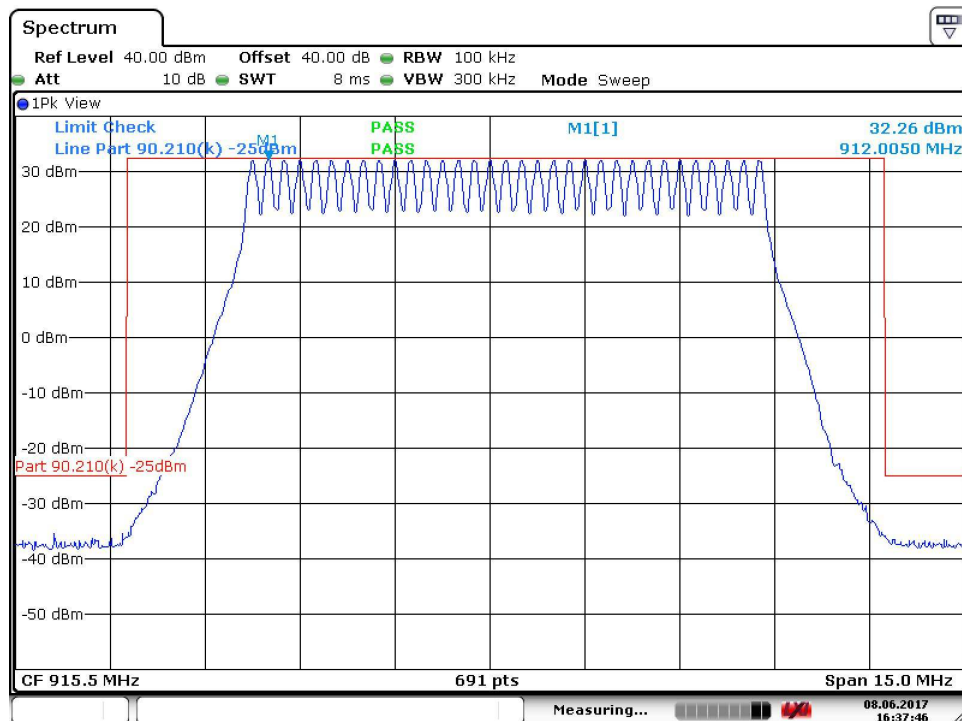
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Emission Mask

DNB Job Number:	76136	Date:	8 Jun 2017	Conformance Standard FCC Part 90 RSS-137
Customer:	Transcore			
Model Number:	MPRXV1			
Description:	Multiprotocol Reader Extreme			Clause 90.210 (k) RSS-137 cl. 6.5.3
Environmental Conditions				
Ambient Temperature		Relative Humidity		Barometric Pressure
21 °C		25 %		101.2 kPa
EUT performed within the requirements of the applicable standard <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>Clay Allred</i>				
Modulation	Freq Band (MHz)	Mask	Pass/Fail	
EPC	909.750 to 921.750	90.210 (k)	Pass	



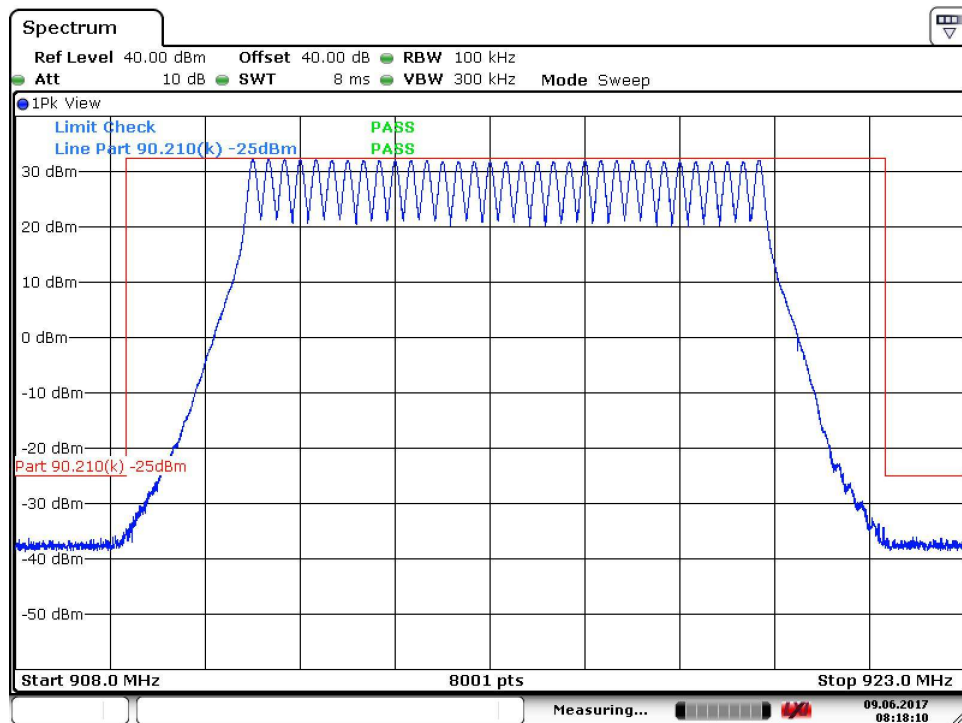
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Emission Mask

DNB Job Number:	76136	Date:	9 Jun 2017	Conformance Standard FCC Part 90 RSS-137
Customer:	Transcore			
Model Number:	MPRXV1			
Description:	Multiprotocol Reader Extreme			
				Clause 90.210 (k) RSS-137 cl. 6.5.3
Environmental Conditions				
Ambient Temperature		Relative Humidity		Barometric Pressure
21 °C		25 %		101.2 kPa
EUT performed within the requirements of the applicable standard <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>Clay Allred</i>				
Modulation	Freq Band (MHz)	Mask	Pass/Fail	
IAG	909.750 to 921.750	90.210 (k)	Pass	



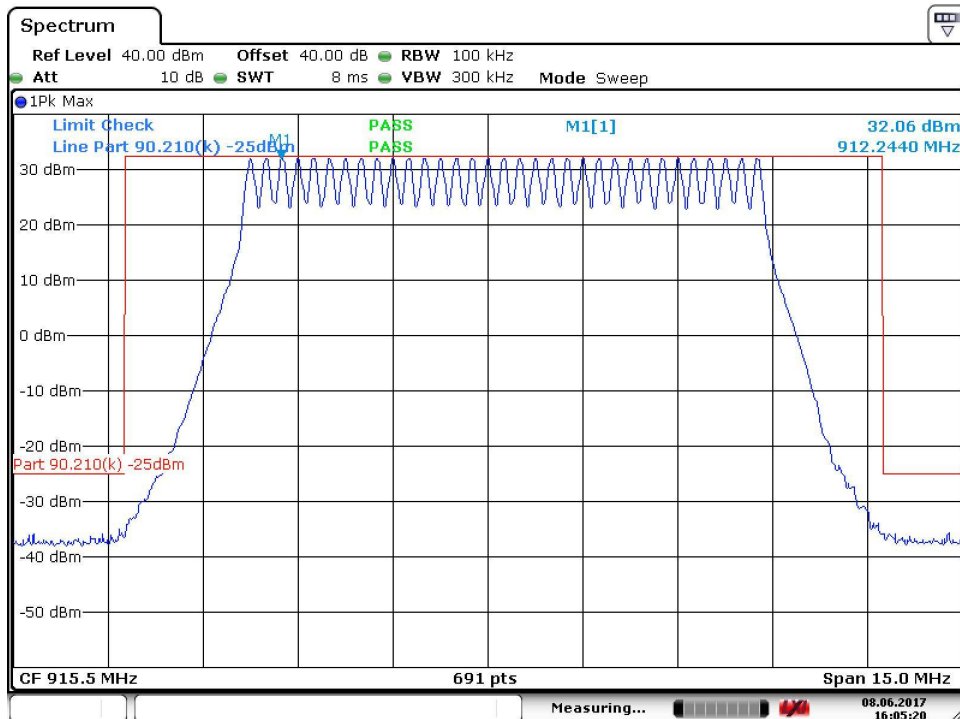
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Emission Mask

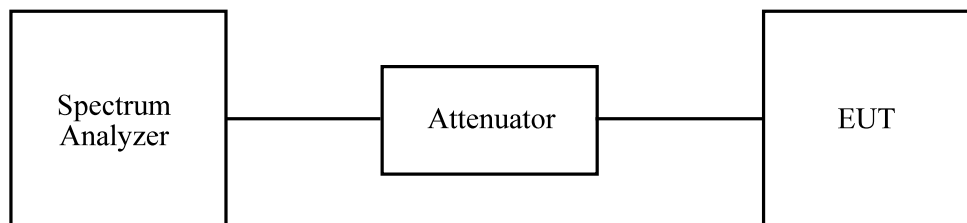
DNB Job Number:	76136	Date:	8 Jun 2017	Conformance Standard FCC Part 90 RSS-137
Customer:	Transcore			
Model Number:	MPRXV1			
Description:	Multiprotocol Reader Extreme			Clause 90.210 (k) RSS-137 cl. 6.5.3
Environmental Conditions				
Ambient Temperature		Relative Humidity		Barometric Pressure
21 °C		25 %		101.2 kPa
EUT performed within the requirements of the applicable standard <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>Clay Allred</i>				
Modulation	Freq Band (MHz)	Mask	Pass/Fail	
SeGo	909.750 to 921.750	90.210 (k)	Pass	



Date: 8.JUN.2017 16:05:20

The occupied bandwidth, that is the frequency bandwidth such that, below its lower and above its upper frequency limits, the mean powers radiated are each equal to 0.5 percent of the total mean power radiated by a given emission.

Test Set Up:

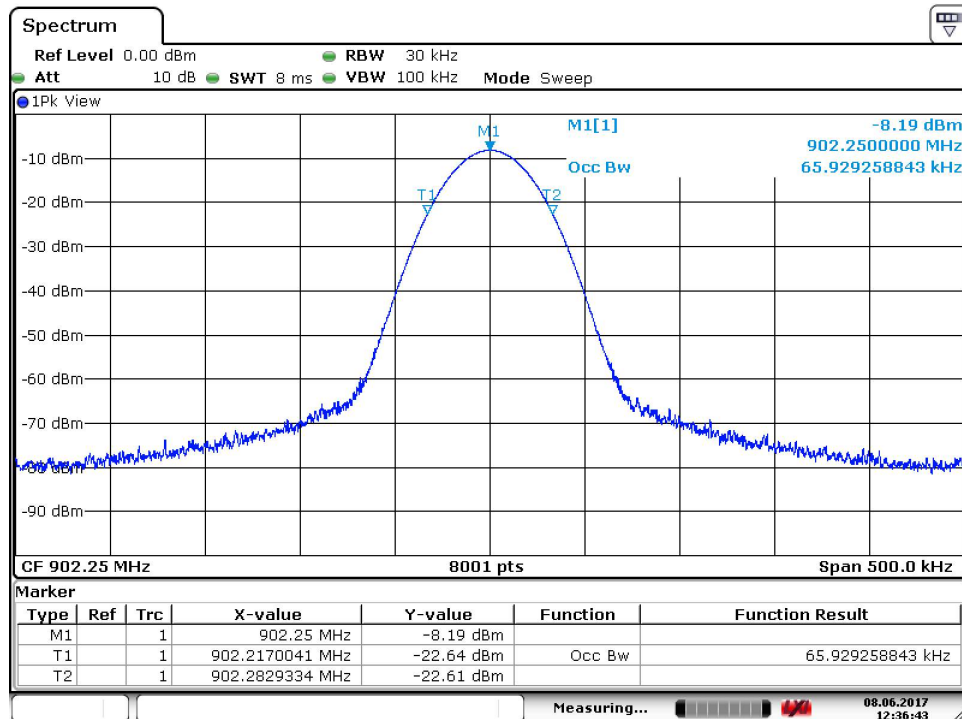




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Occupied Bandwidth

DNB Job Number:	76136	Date:	8 Jun 2017	Conformance Standard FCC Part 90 RSS-137	
Customer:	Transcore				
Model Number:	MPRXV1				
Description:	Multiprotocol Reader Extreme				Clause Part 90.209 RSS-137 cl. 6.1
Ambient Temperature		Relative Humidity		Barometric Pressure	
19 °C		28 %		101.8 kPa	
EUT performed within the requirements of the applicable standard <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>Clay Allred</i>					
BAND	CHANNEL	FREQ IN MHZ	MODULATION	OBW in kHz	RESULT
Low	Low	902.250	ATA (CW)	65.929258843	Pass



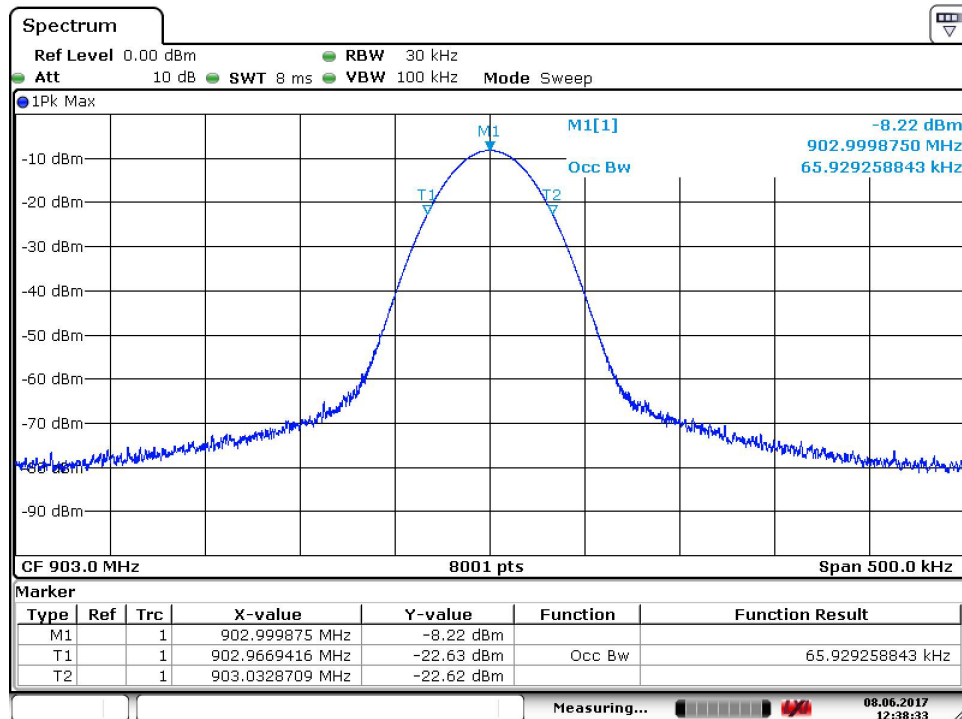
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Occupied Bandwidth

DNB Job Number:	76136	Date:	8 Jun 2017	Conformance Standard FCC Part 90 RSS-137	
Customer:	Transcore				
Model Number:	MPRXV1				
Description:	Multiprotocol Reader Extreme				Clause Part 90.209 RSS-137 cl. 6.1
Ambient Temperature		Relative Humidity		Barometric Pressure	
19 °C		28 %		101.8 kPa	
EUT performed within the requirements of the applicable standard [X] Yes [] No <i>Clay Allred</i>					
BAND	CHANNEL	FREQ IN MHZ	MODULATION	OBW in kHz	RESULT
Low	Middle	903.000	ATA (CW)	65.929258843	Pass



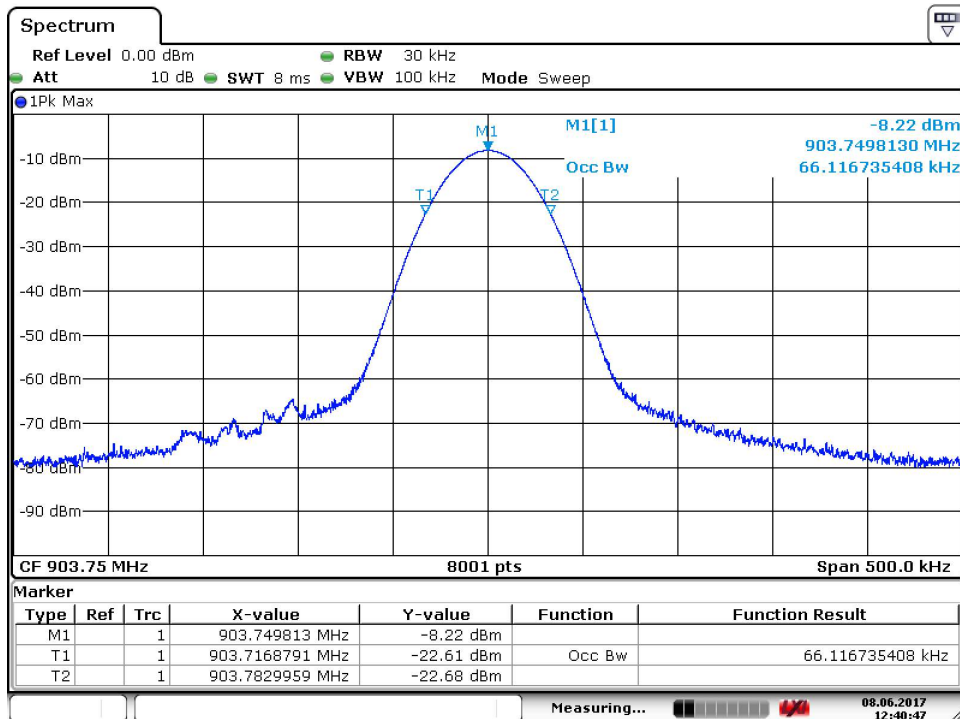
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Occupied Bandwidth

DNB Job Number:	76136	Date:	8 Jun 2017	Conformance Standard FCC Part 90 RSS-137	
Customer:	Transcore				
Model Number:	MPRXV1				
Description:	Multiprotocol Reader Extreme				Clause Part 90.209 RSS-137 cl. 6.1
Ambient Temperature		Relative Humidity		Barometric Pressure	
19 °C		28 %		101.8 kPa	
EUT performed within the requirements of the applicable standard <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>Clay Allred</i>					
BAND	CHANNEL	FREQ IN MHZ	MODULATION	OBW in kHz	RESULT
Low	High	903.750	ATA (CW)	66.116735408	Pass



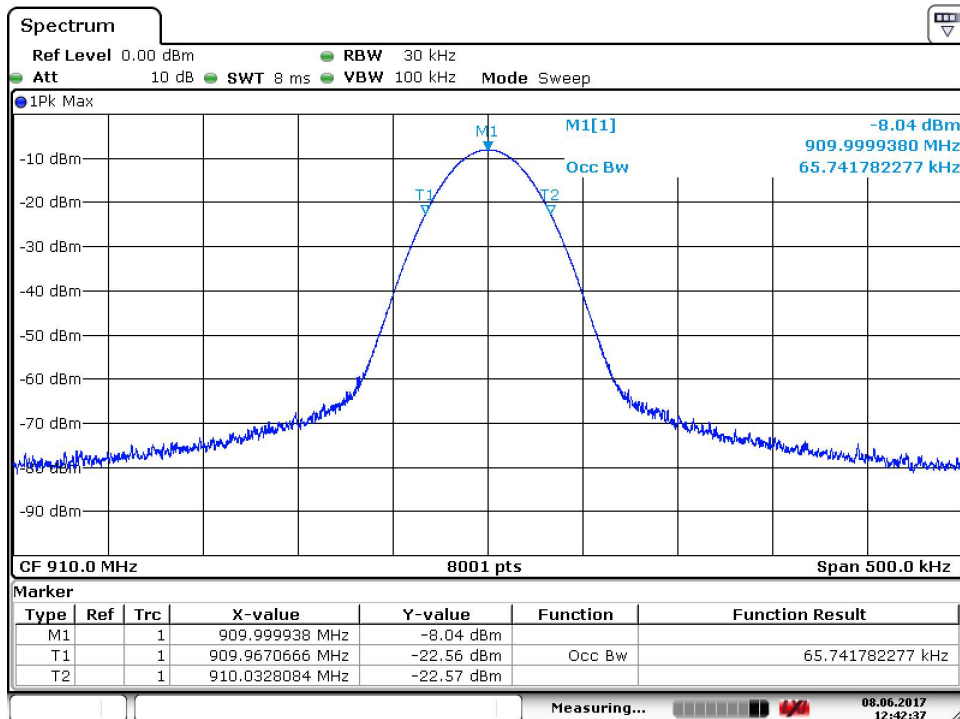
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Occupied Bandwidth

DNB Job Number:	76136	Date:	8 Jun 2017	Conformance Standard FCC Part 90 RSS-137	
Customer:	Transcore				
Model Number:	MPRXV1				
Description:	Multiprotocol Reader Extreme				Clause Part 90.209 RSS-137 cl. 6.1
Ambient Temperature		Relative Humidity		Barometric Pressure	
19 °C		28 %		101.8 kPa	
EUT performed within the requirements of the applicable standard <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>Clay Allred</i>					
BAND	CHANNEL	FREQ IN MHZ	MODULATION	OBW in kHz	RESULT
High	Low	910.000	ATA (CW)	65.741782277	Pass



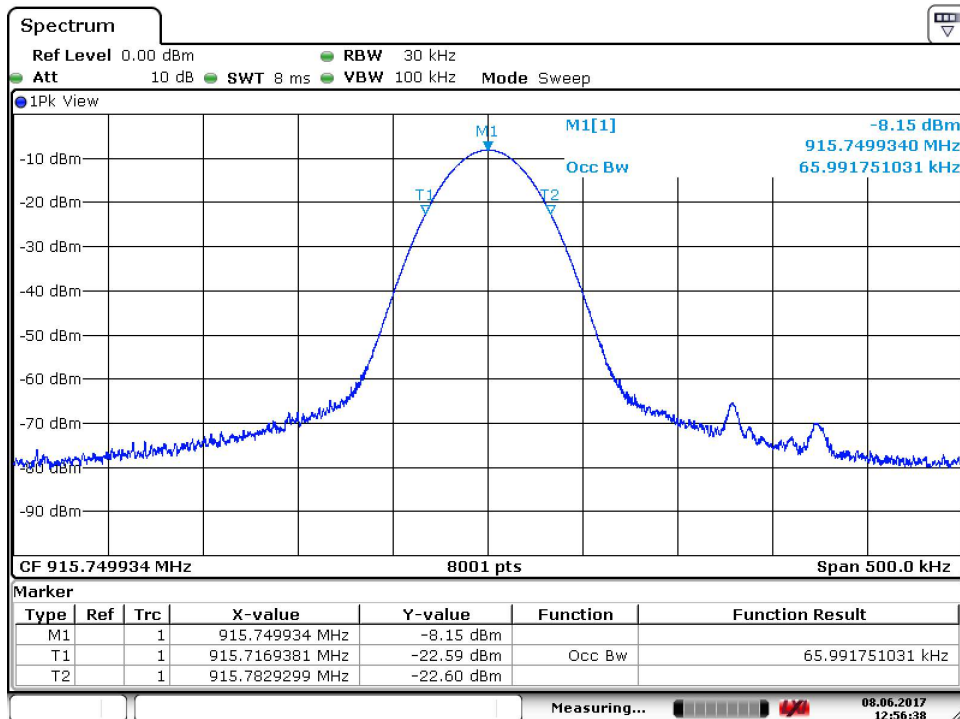
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Occupied Bandwidth

DNB Job Number:	76136	Date:	8 Jun 2017	Conformance Standard FCC Part 90 RSS-137	
Customer:	Transcore				
Model Number:	MPRXV1				
Description:	Multiprotocol Reader Extreme				Clause Part 90.209 RSS-137 cl. 6.1
Ambient Temperature		Relative Humidity		Barometric Pressure	
19 °C		28 %		101.8 kPa	
EUT performed within the requirements of the applicable standard <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>Clay Allred</i>					
BAND	CHANNEL	FREQ IN MHZ	MODULATION	OBW in kHz	RESULT
High	Middle	915.75	ATA (CW)	65.991751031	Pass



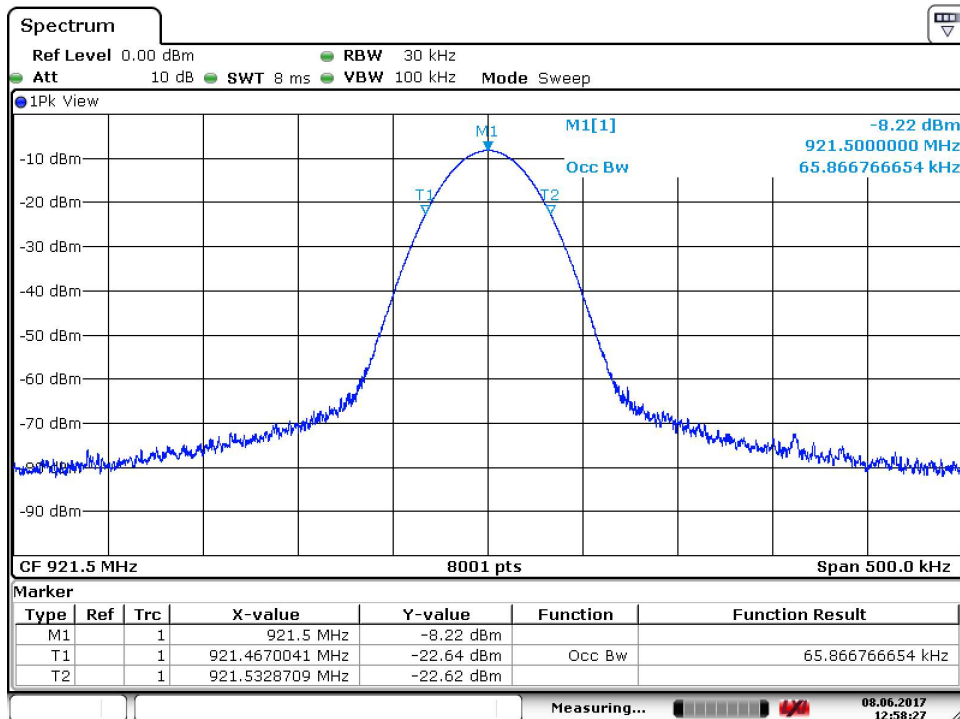
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Occupied Bandwidth

DNB Job Number:	76136	Date:	8 Jun 2017	Conformance Standard FCC Part 90 RSS-137	
Customer:	Transcore				
Model Number:	MPRXV1				
Description:	Multiprotocol Reader Extreme				Clause Part 90.209 RSS-137 cl. 6.1
Ambient Temperature		Relative Humidity		Barometric Pressure	
19 °C		28 %		101.8 kPa	
EUT performed within the requirements of the applicable standard <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>Clay Allred</i>					
BAND	CHANNEL	FREQ IN MHZ	MODULATION	OBW in kHz	RESULT
High	High	921.500	ATA (CW)	65.866766654	Pass



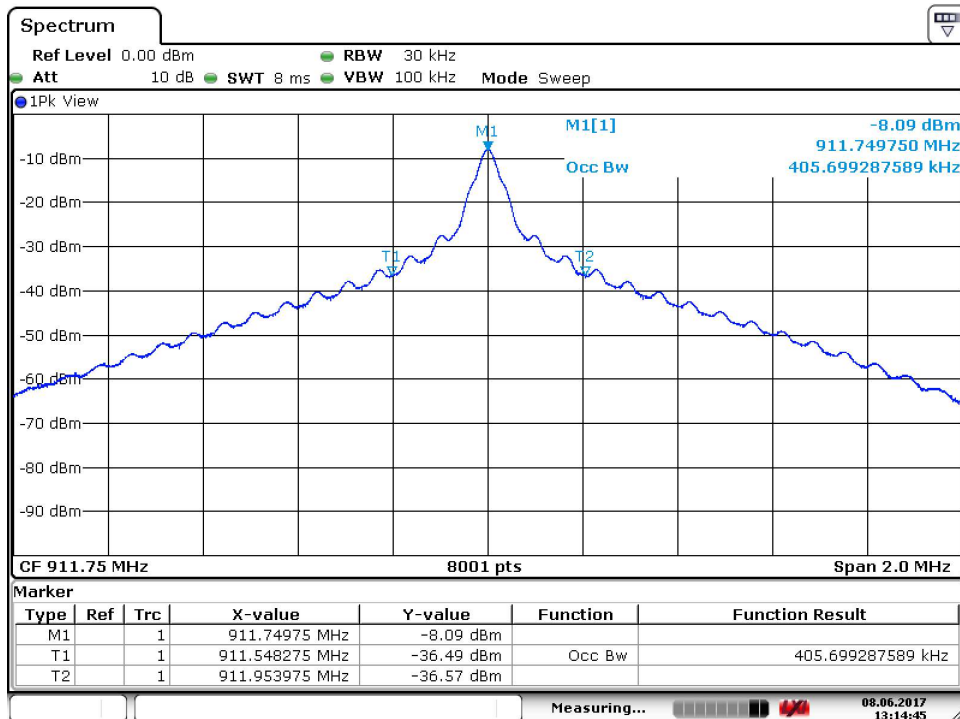
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Occupied Bandwidth

DNB Job Number:	76136	Date:	8 Jun 2017	Conformance Standard FCC Part 90 RSS-137	
Customer:	Transcore				
Model Number:	MPRXV1				
Description:	Multiprotocol Reader Extreme			Clause Part 90.209 RSS-137 cl. 6.1	
Ambient Temperature		Relative Humidity		Barometric Pressure	
19 °C		28 %		101.8 kPa	
EUT performed within the requirements of the applicable standard [X] Yes [] No <i>Clay Allred</i>					
BAND	CHANNEL	FREQ IN MHZ	MODULATION	OBW in kHz	RESULT
High	Low	911.750	eGo	405.699287589	Pass



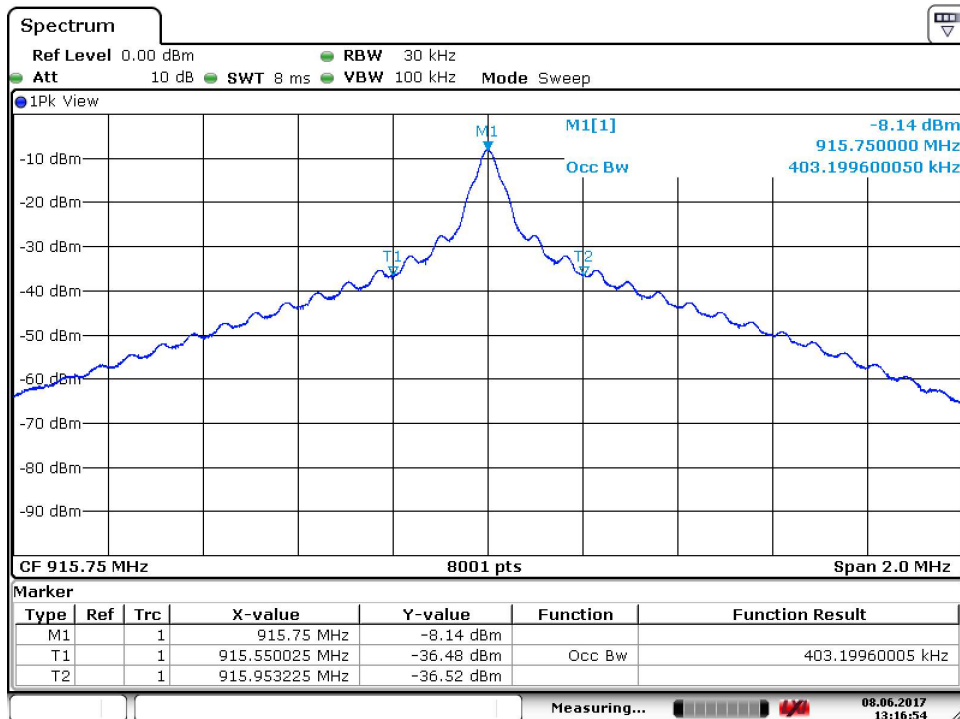
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Occupied Bandwidth

DNB Job Number:	76136	Date:	8 Jun 2017	Conformance Standard FCC Part 90 RSS-137	
Customer:	Transcore				
Model Number:	MPRXV1				
Description:	Multiprotocol Reader Extreme			Clause Part 90.209 RSS-137 cl. 6.1	
Ambient Temperature		Relative Humidity		Barometric Pressure	
19 °C		28 %		101.8 kPa	
EUT performed within the requirements of the applicable standard [X] Yes [] No <i>Clay Allred</i>					
BAND	CHANNEL	FREQ IN MHZ	MODULATION	OBW in kHz	RESULT
High	Middle	915.750	eGo	403.199600050	Pass



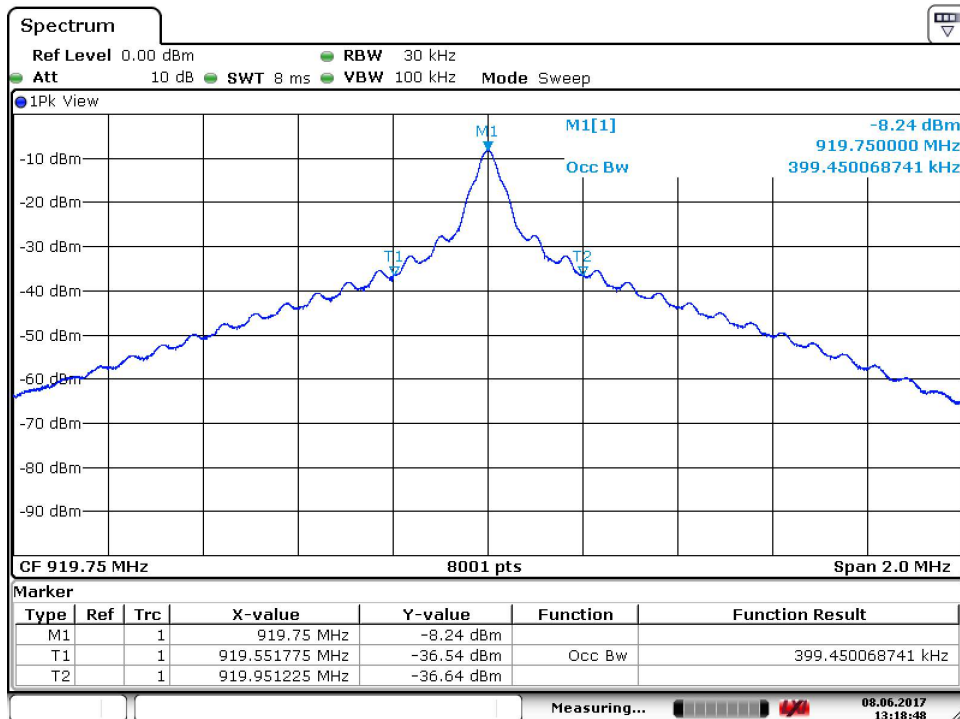
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Occupied Bandwidth

DNB Job Number:	76136	Date:	8 Jun 2017	Conformance Standard FCC Part 90 RSS-137	
Customer:	Transcore				
Model Number:	MPRXV1				
Description:	Multiprotocol Reader Extreme			Clause Part 90.209 RSS-137 cl. 6.1	
Ambient Temperature		Relative Humidity		Barometric Pressure	
19 °C		28 %		101.8 kPa	
EUT performed within the requirements of the applicable standard <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>Clay Allred</i>					
BAND	CHANNEL	FREQ IN MHZ	MODULATION	OBW in kHz	RESULT
High	High	919.750	eGo	399.450068741	Pass



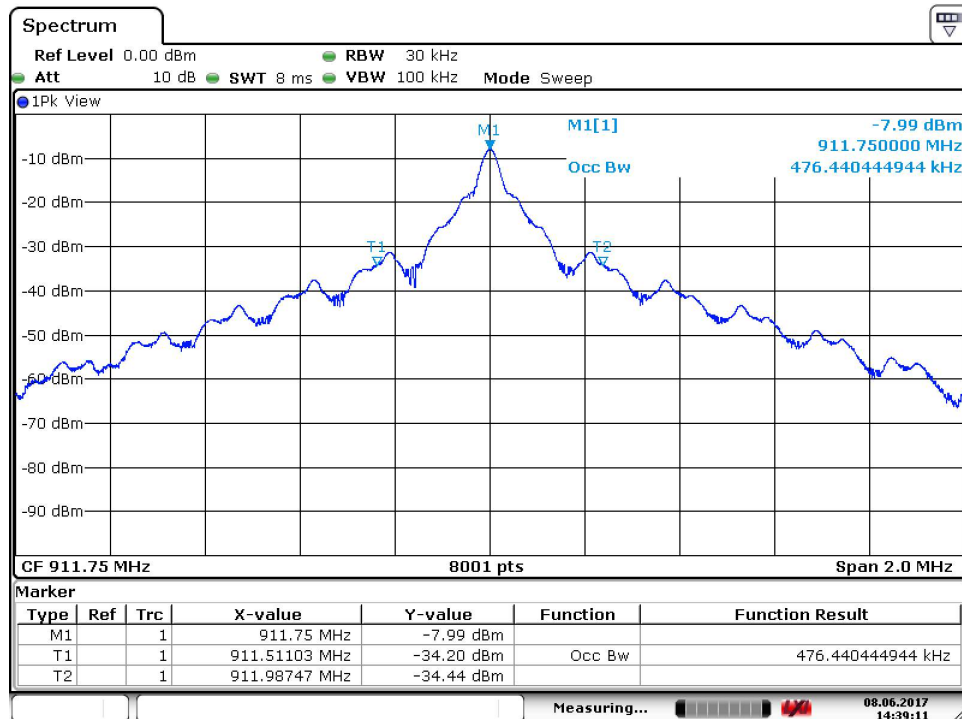
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Occupied Bandwidth

DNB Job Number:	76136	Date:	8 Jun 2017	Conformance Standard FCC Part 90 RSS-137	
Customer:	Transcore				
Model Number:	MPRXV1				
Description:	Multiprotocol Reader Extreme				Clause Part 90.209 RSS-137 cl. 6.1
Ambient Temperature		Relative Humidity		Barometric Pressure	
19 °C		28 %		101.8 kPa	
EUT performed within the requirements of the applicable standard <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>Clay Allred</i>					
BAND	CHANNEL	FREQ IN MHZ	MODULATION	OBW in kHz	RESULT
High	Low	911.750	EPC	476.440444944	Pass



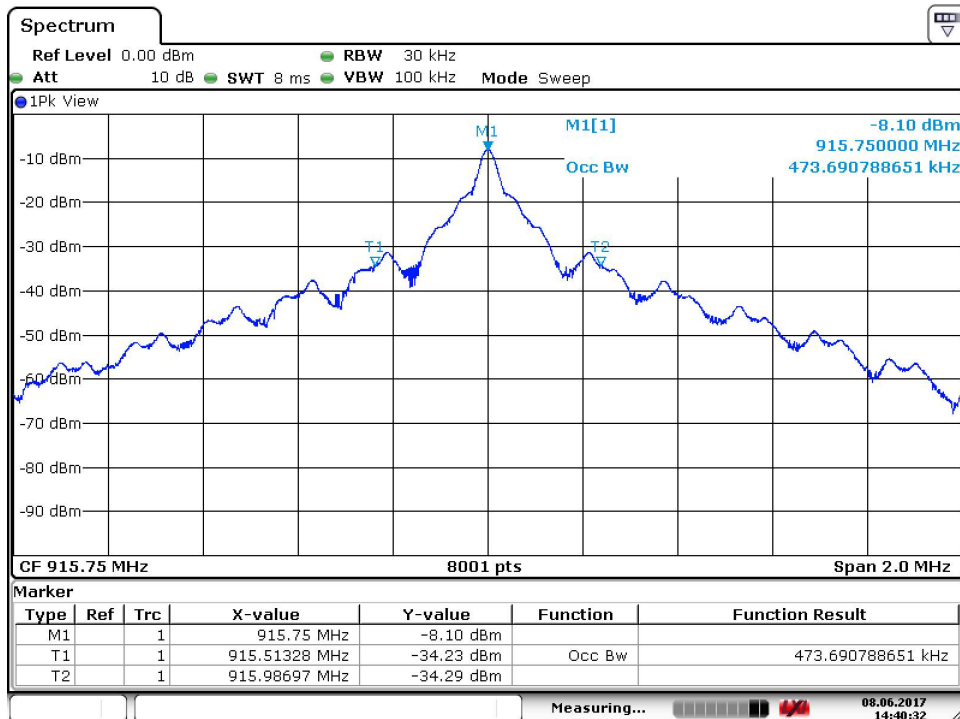
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Occupied Bandwidth

DNB Job Number:	76136	Date:	8 Jun 2017	Conformance Standard FCC Part 90 RSS-137	
Customer:	Transcore				
Model Number:	MPRXV1				
Description:	Multiprotocol Reader Extreme				Clause Part 90.209 RSS-137 cl. 6.1
Ambient Temperature		Relative Humidity		Barometric Pressure	
19 °C		28 %		101.8 kPa	
EUT performed within the requirements of the applicable standard <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>Clay Allred</i>					
BAND	CHANNEL	FREQ IN MHZ	MODULATION	OBW in kHz	RESULT
High	Middle	915.750	EPC	473.690788651	Pass



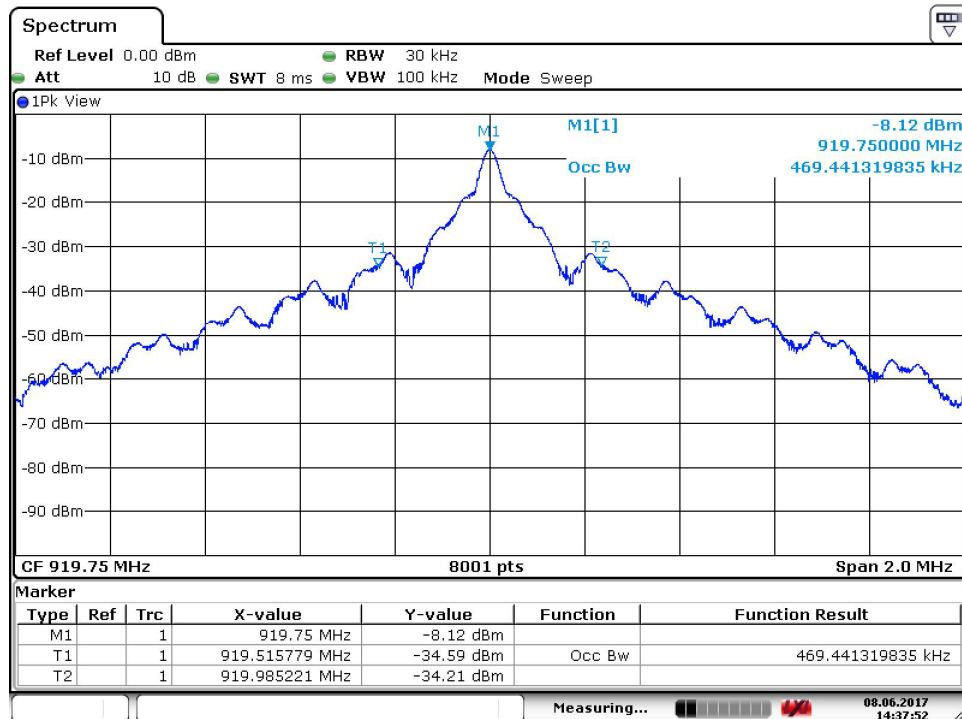
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Occupied Bandwidth

DNB Job Number:	76136	Date:	8 Jun 2017	Conformance Standard FCC Part 90 RSS-137	
Customer:	Transcore				
Model Number:	MPRXV1				
Description:	Multiprotocol Reader Extreme			Clause Part 90.209 RSS-137 cl. 6.1	
Ambient Temperature		Relative Humidity		Barometric Pressure	
19 °C		28 %		101.8 kPa	
EUT performed within the requirements of the applicable standard <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>Clay Allred</i>					
BAND	CHANNEL	FREQ IN MHZ	MODULATION	OBW in kHz	RESULT
High	High	919.750	EPC	469.441319835	Pass



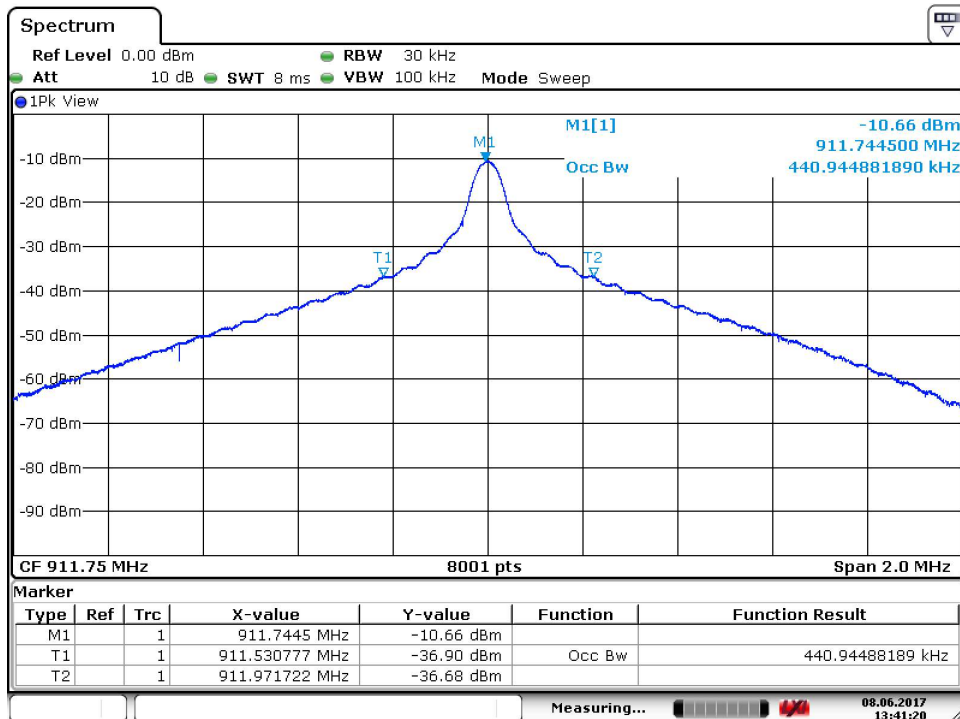
Date: 8.JUN.2017 14:37:53



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Occupied Bandwidth

DNB Job Number:	76136	Date:	8 Jun 2017	Conformance Standard FCC Part 90 RSS-137	
Customer:	Transcore				
Model Number:	MPRXV1				
Description:	Multiprotocol Reader Extreme				Clause Part 90.209 RSS-137 cl. 6.1
Ambient Temperature		Relative Humidity		Barometric Pressure	
19 °C		28 %		101.8 kPa	
EUT performed within the requirements of the applicable standard <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>Clay Allred</i>					
BAND	CHANNEL	FREQ IN MHZ	MODULATION	OBW in kHz	RESULT
High	Low	911.750	IAG	440.944881890	Pass



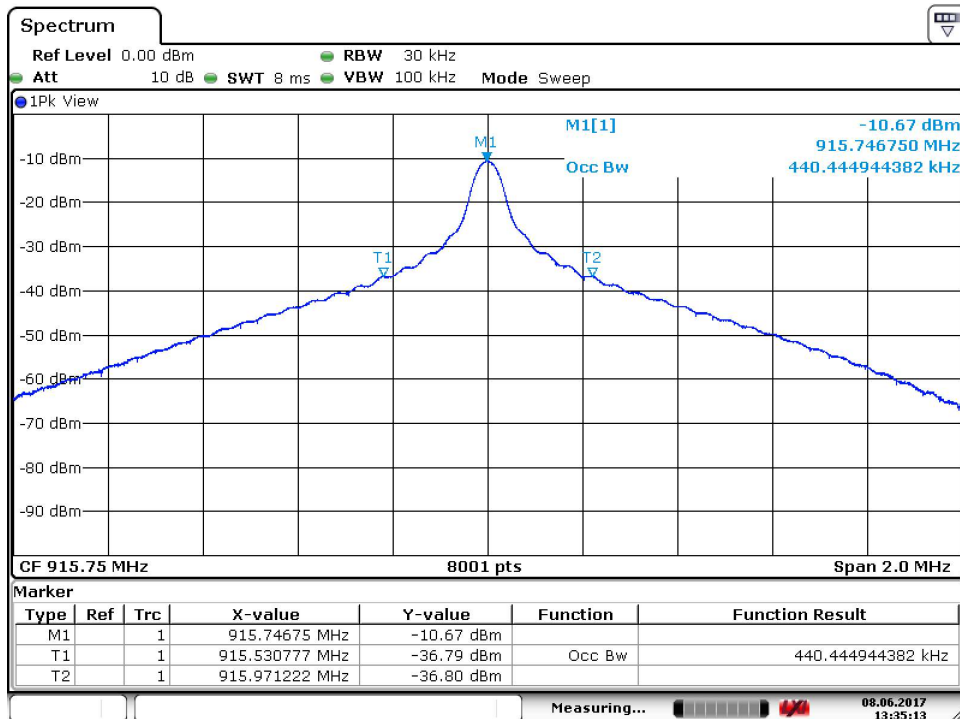
Date: 8.JUN.2017 13:41:20




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Occupied Bandwidth

DNB Job Number:	76136	Date:	8 Jun 2017	Conformance Standard FCC Part 90 RSS-137	
Customer:	Transcore				
Model Number:	MPRXV1				
Description:	Multiprotocol Reader Extreme				Clause Part 90.209 RSS-137 cl. 6.1
Ambient Temperature		Relative Humidity		Barometric Pressure	
19 °C		28 %		101.8 kPa	
EUT performed within the requirements of the applicable standard <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>Clay Allred</i>					
BAND	CHANNEL	FREQ IN MHZ	MODULATION	OBW in kHz	RESULT
High	Middle	915.750	IAG	440.444944382	Pass



Date: 8.JUN.2017 13:35:14



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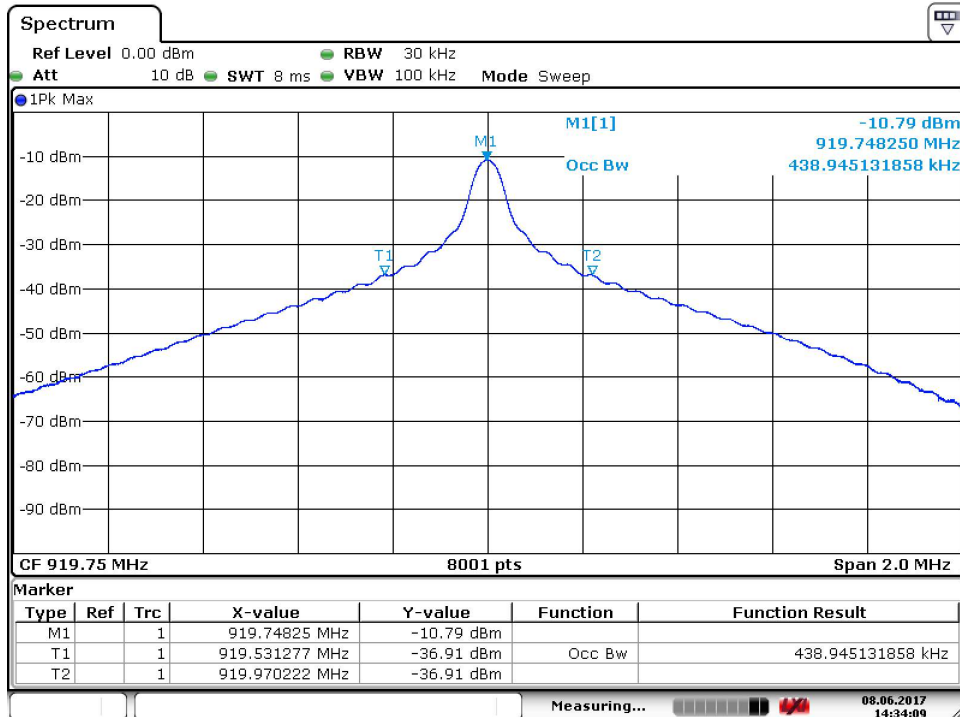
Occupied Bandwidth

DNB Job Number:	76136	Date:	8 Jun 2017	Conformance Standard FCC Part 90 RSS-137
Customer:	Transcore			
Model Number:	MPRXV1			
Description:	Multiprotocol Reader Extreme			Clause Part 90.209 RSS-137 cl. 6.1

Ambient Temperature	Relative Humidity	Barometric Pressure
19 °C	28 %	101.8 kPa

EUT performed within the requirements of the applicable standard [X] Yes [] No *Clay Allred*

BAND	CHANNEL	FREQ IN MHZ	MODULATION	OBW in kHz	RESULT
High	High	919.750	IAG	438.945131858	Pass



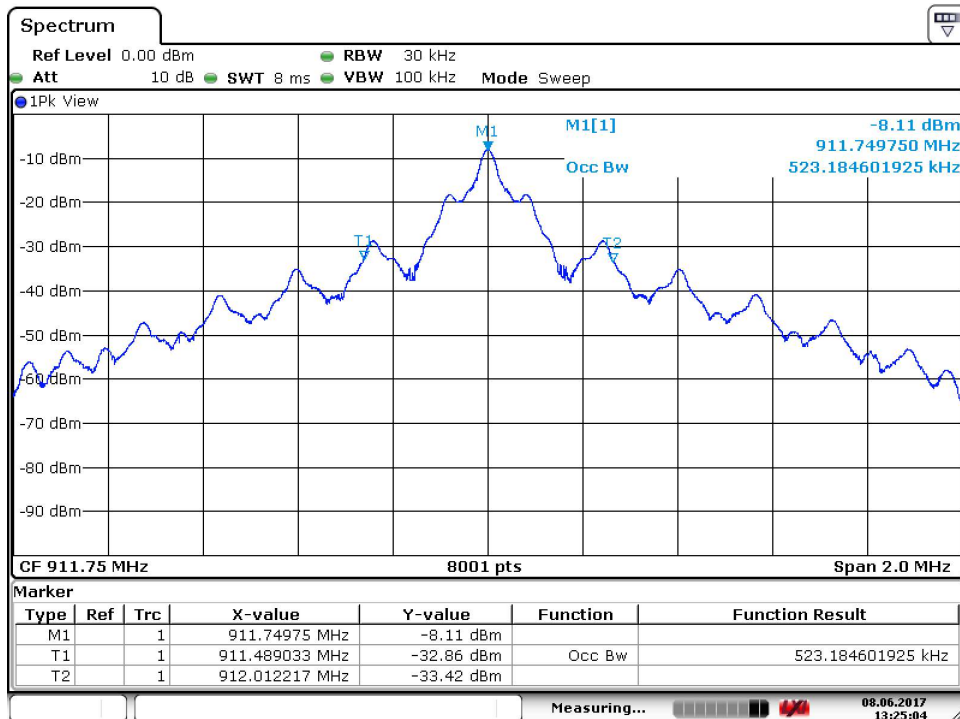
Date: 8.JUN.2017 14:34:09



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Occupied Bandwidth

DNB Job Number:	76136	Date:	8 Jun 2017	Conformance Standard FCC Part 90 RSS-137	
Customer:	Transcore				
Model Number:	MPRXV1				
Description:	Multiprotocol Reader Extreme				Clause Part 90.209 RSS-137 cl. 6.1
Ambient Temperature		Relative Humidity		Barometric Pressure	
19 °C		28 %		101.8 kPa	
EUT performed within the requirements of the applicable standard <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>Clay Allred</i>					
BAND	CHANNEL	FREQ IN MHZ	MODULATION	OBW in kHz	RESULT
High	Low	911.750	SeGo	523.184601925	Pass



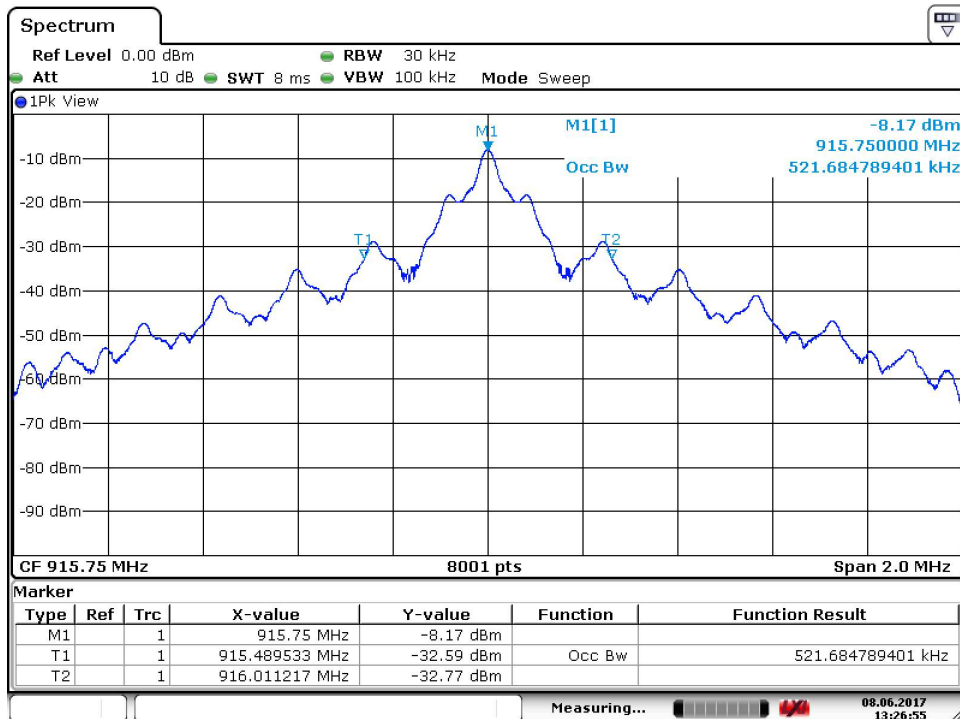
Date: 8.JUN.2017 13:25:05



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Occupied Bandwidth

DNB Job Number:	76136	Date:	8 Jun 2017	Conformance Standard FCC Part 90 RSS-137	
Customer:	Transcore				
Model Number:	MPRXV1				
Description:	Multiprotocol Reader Extreme			Clause Part 90.209 RSS-137 cl. 6.1	
Ambient Temperature		Relative Humidity		Barometric Pressure	
19 °C		28 %		101.8 kPa	
EUT performed within the requirements of the applicable standard <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>Clay Allred</i>					
BAND	CHANNEL	FREQ IN MHZ	MODULATION	OBW in kHz	RESULT
High	Middle	915.750	SeGo	521.684789401	Pass



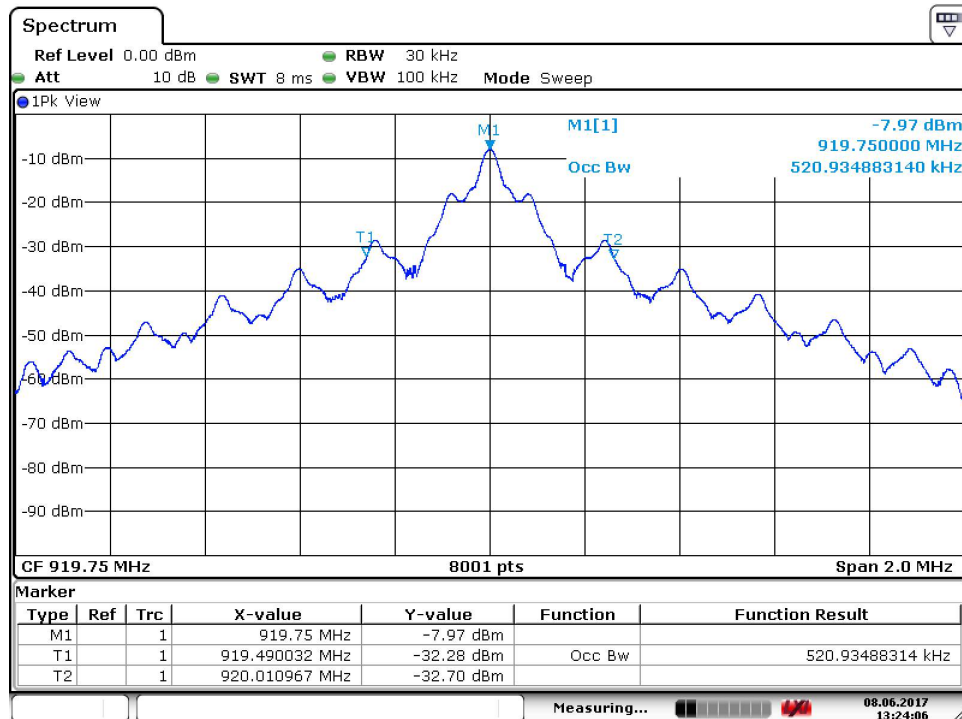
Date: 8.JUN.2017 13:26:55



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Occupied Bandwidth

DNB Job Number:	76136	Date:	8 Jun 2017	Conformance Standard FCC Part 90 RSS-137	
Customer:	Transcore				
Model Number:	MPRXV1				
Description:	Multiprotocol Reader Extreme				
				Clause Part 90.209 RSS-137 cl. 6.1	
Ambient Temperature		Relative Humidity		Barometric Pressure	
19 °C		28 %		101.8 kPa	
EUT performed within the requirements of the applicable standard [X] Yes [] No <i>Clay Allred</i>					
BAND	CHANNEL	FREQ IN MHZ	MODULATION	OBW in kHz	RESULT
High	High	919.750	SeGo	520.934883140	Pass



Date: 8.JUN.2017 13:24:06

2.1051

Spurious Emissions at Antenna Terminals

90.210 (k) (3) / RSS-137 cl. 6.5

The radio frequency voltage or powers generated within the equipment and appearing on a spurious frequency shall be checked at the equipment output terminals when properly loaded with a suitable artificial antenna. Curves or equivalent data shall show the magnitude of each harmonic and other spurious emission that can be detected when the equipment is operated under the conditions specified in §2.1049 as appropriate. The magnitude of spurious emissions which are attenuated more than 20 dB below the permissible value need not be specified.

The peak power of any emission shall be attenuated below the power of the highest emission contained within the licensee's sub-band in accordance with the following schedule:

Test Procedure: ANSI C63.10-2013

Use the following spectrum analyzer settings:

Span = wide enough to capture the peak level of the in-band emission and all spurious emissions (e.g., harmonics) from the lowest frequency generated in the EUT up through the 10th harmonic. Typically, several plots are required to cover this entire span.

RBW = 100 kHz

VBW RBW

Sweep = auto

Detector function = peak

Trace = max hold

Allow the trace to stabilize. Set the marker on the peak of any spurious emission recorded. The level displayed must comply with the limit specified in this Section. Submit these plots.

Limit: Spurious emissions must be attenuated below the peak output power by at least:
 $55 + 10 \log(P)$ dB

where (P) is the highest emission (watts) of the transmitter inside the licensee's sub-band.

Peak Output Power = 1.6 W

Attenuation = $55 + 10 \log(P)$ dB
= $55 + 10 \log(1.6)$ dB
= 57 dBc