



EUROFINS PRODUCT SERVICE GMBH



TEST-REPORT

**FCC PART 22H, 24E
IC RSS 132, ISSUE 2, 133 ISSUE 5**

**Telematics Unit
AT-100**

**FCC ID: ZOQAT-100
IC: 9734A-AT100**

TEST REPORT NUMBER: G0M-1105-1155-P-2224



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1 General Information

1.1 Notes

The results of this test report relate exclusively to the item tested as specified in chapter "Description of test item" and are not transferable to any other test items.

Eurofins Product Service GmbH is not responsible for any generalisations and conclusions drawn from this report. Any modification of the test item can lead to invalidity of test results and this test report may therefore be not applicable to the modified test item.

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Operator:

26.08.2011

P. Pudell



Date

Eurofins-Lab.

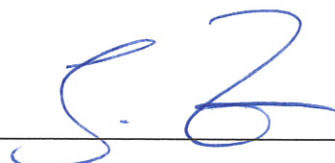
Name

Signature

Technical responsibility for area of testing:

26.08.2011

J. Zimmermann



Date

Eurofins

Name

Signature

1.2 Testing laboratory

EUROFINS PRODUCT SERVICE GMBH
Storkower Strasse 38c
D-15526 Reichenwalde b. Berlin
Germany
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Telefax :+49 33631 888 660

DAKKS ACCREDITED TESTING LABORATORY
DAKKS-REGISTRATION NUMBER: D-PL-12092-01-01

RECOGNIZED NOTIFIED BODY EMC
REGISTRATION NUMBER: BNetzA-bS EMV-07/61

RECOGNIZED NOTIFIED BODY R&TTE
REGISTRATION NUMBER: BNetzA-bS-02/51-53

FCC FILED TEST LABORATORY
REG.-No. 96970

A2LA ACCREDITED TESTING LABORATORY
CERTIFICATE No. 1983.01

BLUETOOTH QUALIFICATION TEST FACILITY (BQTF)
ACCREDITED BY BLUETOOTH QUALIFICATION REVIEW BOARD

INDUSTRY CANADA FILED TEST LABORATORY
REG. NO. IC 3470

Test location, where different:

Name	: ./.
Street	: ./.
Town	: ./.
Country	: ./.
Telephone	: ./.
Fax	: ./.

1.3 Details of approval holder

Name : Hughes Telematics, Inc.
Street : 2002 Summit Blvd, Suite 1800
Town : GA 30319 Atlanta, Georgia
Country : USA
Telephone : +1 404 573 5848
Fax : +1 404 285 0648

Contact : Mr. Bryant Elliott
Telephone : +1 404 573 5848

Manufacturer:
(if applicable)

Name : Hughes Telematics, Inc.
Street : 2002 Summit Blvd, Suite 1800
Town : GA 30319 Atlanta, Georgia
Country : USA

1.4 Application details

Date of receipt of application : 14.06.2011
Date of receipt of test item : 14.06.2011
Date of test : 08 – 09.08.2011

1.5 Acronyms and abbreviations

EUT : Equipment under Test
TX : Transmission
RX : Reception
RBW : Measurement Resolution Bandwidth
Pol : Measurement Polarization
e.r.p. : Effective radiated power
e.i.r.p. : Equivalent isotropic radiated power
GMSK : Gaussian minimum shift keying
PSK : Phase shift keying
 T_{nom} : Nominal Temperature
 T_{min} : Minimum Temperature
 T_{max} : Maximum Temperature
 V_{nom} : Nominal Supply Voltage
 V_{min} : Minimum Supply Voltage
 V_{max} : Maximum Supply Voltage
VDC : DC voltage
N/A : Not applicable
IC : Industry Canada

1.6 Test standards

Technical standard	:	<input checked="" type="checkbox"/> FCC PART 22 Subpart H
		<input checked="" type="checkbox"/> FCC PART 24 Subpart E
		<input type="checkbox"/> FCC PART 27 Subpart C
		<input checked="" type="checkbox"/> IC RSS 132 Issue 2, SRSP-503 Issue 7
		<input checked="" type="checkbox"/> IC RSS 133 Issue 5, SRSP-510 Issue 5
		<input type="checkbox"/> IC RSS 139 Issue 2, SRSP-513 Issue 2

1.7 Test item

Description of test item	:	Telematics Unit
Type identification	:	AT-100
Serial number	:	Unspecified
Hardware version	:	Rev. A
Software version	:	2.0.0
Equipment type	:	End product
FCC-ID	:	ZOQAT-100
IC	:	9734A-AT100

Technical data

Radio type	:	Transceiver
Radio technology	:	GSM850 GSM1900
Frequency range	:	GSM850 : TX = 824 - 849MHz, RX = 869 - 894MHz GSM1900 : TX = 1850 - 1910MHz, RX = 1930 - 1990MHz
Assigned frequency band	:	Cell. Service Block A & B : 824 - 849MHz & 869 - 894MHz Broadband PCS : 1850 - 1910MHz & 1930 - 1990MHz
Supported transmission mode(s)	:	GSM, GPRS
Modulation(s)	:	GSM, GPRS : GMSK
Multislot class	:	10
Operating mode(s)	:	semi duplex

Tested frequencies	: <u>GSM850</u>	TX-LOW	= CH128 824.2MHz
		RX-LOW	= CH128 869.2MHz
		TX-MID	= CH188 836.2MHz
		RX-MID	= CH188 881.2MHz
		TX-HIGH	= CH251 848.8MHz
		RX-HIGH	= CH251 893.8MHz
	<u>GSM1900</u>	TX-LOW	= CH512 1850.2MHz
		RX-LOW	= CH512 1930.2MHz
		TX-MID	= CH661 1880.0MHz
		RX-MID	= CH661 1960.0MHz
		TX-HIGH	= CH810 1909.8MHz
		RX-HIGH	= CH810 1989.8MHz
Number of antennas	: 1		
Antenna type(s)	: integrated		
Antenna model(s)	: Printed Inverted-F Antenna (PIFA), soldered to PCB		
Antenna manufacturer(s)	: Hughes Telematics Incorporated		
Antenna gain(s)	: 850MHz-Band : 0.2dBi		
	1900MHz-Band : 1.5dBi		
Module used	: SL6087		
Module Manufacturer	: Sierra Wireless		
Module HW Version	: 210		
Module SW Version	: Firmware 7.45.1 (SV 07)		
Module FCC-ID	: N7NSL6087		
Module IC	: 2417C-SL6087		
Power supply	: 12VDC		
Device classification	: Mobile Device (Human Body distance > 20 cm)		

1.8 Additional information

None

2 Technical test

2.1 Summary of test results

No deviations from the technical specification(s) were ascertained in the course of the tests performed.



or

The deviations as specified in 2.4 were ascertained in the course of the tests performed.



2.2 Test environment

Temperature : 22 ... 26°C

Relative humidity content : 20 ... 75%

Air pressure : 86 ... 103kPa

Extreme condition parameters:

V_{nom} : 12VDC

$V_{min} (V_{nom}-15\%)$: N/A

$V_{max} (V_{nom}+15\%)$: N/A

T_{nom} : 25°C

Other parameter: None

2.3 Test equipment utilized

Measurement Equipment List					
No.:	Measurement device:	Type:	Manufacturer:	Last Cal.	Next Cal.
ETS 0086	Semi-anechoic chamber	AC1	Frankonia	09.12.2010	09.12.2012
ETS 0253	Spectrum Analyzer	FSIQ26	Rohde & Schwarz	04.11.2010	04.11.2012
ETS 0030	Biconical Antenna	HK 116	Rohde & Schwarz	10.02.2011	20.02.2012
ETS 0295	LPD Antenna	HL 223	Rohde & Schwarz	09.02.2011	09.02.2012
ETS 0018	Horn Antenna	BBHA 9120D	Schwarzbeck	26.08.2010	26.08.2011
ETS 0432	Amplifier-Matrix			02.06.2010	02.06.2012
ETS 0496	Spectrum Analyzer	FSP30	Rohde & Schwarz	26.08.2010	26.08.2011
ETS 0497	Power Meter	NRVD	Rohde & Schwarz	28.02.2011	28.02.2013
ETS 0278	Power Sensor	NRV-Z31	Rohde & Schwarz	25.11.2010	25.11.2012
ETS 0288	LISN	ESH2-Z5	Rohde & Schwarz	07.09.2010	07.09.2012

2.4 Sample emission level calculation

The following is a description of terms and a sample calculation, as appears in the radiated emissions data table. The numbers used in the calculation are for example only. There is no direct correlation to the specific data taken for the product described in this document:

Reading:

This is the reading obtained on the spectrum analyzer in dB μ V. Any external preamplifiers used are taken into account through internal analyzer settings.

A.F.:

This is the antenna factor for the receiving antenna. It is a conversion factor, which converts electric fields strengths to voltages, which can be measured directly on the spectrum analyzer. It is treated as a loss in dB. Cable losses have been included with the A.F. to simplify the calculations. The antenna factor is used in calculations as follows:

$$\text{Reading on Analyzer (dB}\mu\text{V)} + \text{A.F. (dB)} = \text{Net field strength (dB}\mu\text{V/m)}$$

Net:

This is the net field strength measurement (as shown above).

Limit:

This is the FCC Class B radiated emission limit (in units of dB μ V/m). The FCC limits are given in units of μ V/m. The following formula is used to convert the units of μ V/m to dB μ V/m:

$$\text{Limit (dB}\mu\text{V/m)} = 20 \cdot \log(\mu\text{V/m})$$

Margin:

This is the margin of compliance below the FCC limit. The units are given in dB. A negative margin indicates the emission was below the limit. A positive margin indicates that the emission exceeds the limit.

Example only:

Reading	+	AF	=	Net Reading	:	Net reading - FCC limit = Margin
21.5 dB μ V	+	26 dB	=	47.5 dB μ V/m	:	47.5 dB μ V/m - 57.0 dB μ V/m = -9.5 dB

2.5 Test results

Test case	FCC Clause	IC Clause	Required	Result	Remarks
INFORMATIONAL TRANSMITTER PARAMETERS					
Occupied bandwidth	IC RSS-Gen. 4.6.1	N/A	<input checked="" type="checkbox"/>		
TRANSMITTER PARAMETERS					
Frequency stability	FCC § 24.235 FCC § 22.355 FCC § 27.54	IC RSS-132 § 4.3 IC RSS-133 § 6.3 IC RSS-139 § 6.3	<input type="checkbox"/>	N/A	
Effective radiated power	FCC § 22.913(a)	N/A	<input checked="" type="checkbox"/>	PASS	
Equivalent isotropic radiated power	FCC § 24.232(c) FCC § 27.50(d)(4)	IC RSS-132 § 4.4 IC RSS-133 § 6.4 IC RSS-139 § 6.4	<input checked="" type="checkbox"/>	PASS	
Peak to average ratio	FCC § 24.232(d) FCC § 27.50(d)(5)	IC RSS-133 § 6.4	<input type="checkbox"/>	N/A	
Band-edge compliance	FCC § 22.917(b) FCC § 24.238(b) FCC § 27.53(h)(1)	IC RSS-132 § 4.5 IC RSS-133 § 6.5	<input type="checkbox"/>	N/A	
Conducted out-of-band emissions	FCC § 22.917(a) FCC § 24.238(a) FCC § 27.53(h)	IC RSS-132 § 4.5 IC RSS-133 § 6.5 IC RSS-139 § 6.4	<input type="checkbox"/>	N/A	
Radiated out-of-band emissions	FCC § 22.917(a) FCC § 24.238(a) FCC § 27.53(h)	IC RSS-132 § 4.5 IC RSS-133 § 6.5 IC RSS-139 § 6.5	<input checked="" type="checkbox"/>	PASS	
RECEIVER PARAMETERS					
Radiated spurious emissions	N/A	IC RSS-132 § 4.6 IC RSS-133 § 6.6 IC RSS-139 § 6.6 IC RSS-Gen 4.10 IC RSS-Gen 6.1	<input checked="" type="checkbox"/>	PASS	

3 Informational Transmitter parameters

3.1 Transmitter Modes for conformance testing

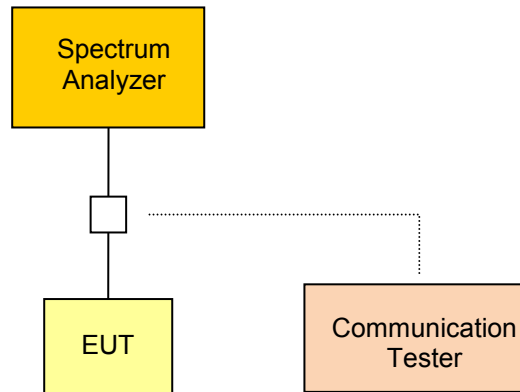
The following transmission modes are elected for compliance testing.

TEST MODES		
Band	Identifier	Conditions
GSM850	GPRS850	Packet Switched / GMSK / Slot Config: 2up
	EGPRS850	Packet Switched / 8-PSK / Slot Config: 2up
GSM1900	GPRS1900	Packet Switched / GMSK / Slot Config: 2up
	EGPRS1900	Packet Switched / 8-PSK / Slot Config: 2up

3.2 Occupied Bandwidth

According RSS-Gen Section 4.6.1 the 99% emission bandwidth occupied by the modulated transmitted signal has to be reported as calculated or measured.

3.2.1 Measurement procedure



The EUT is connected to a spectrum analyzer and set to transmission mode (using a communication tester if needed) with maximum power under normal test conditions. The span of the analyzer is set wide enough to capture all significant emissions of the modulation spectrum. The resolutions bandwidth is set as close as possible to 1% of the selected span without being below 1%. The occupied bandwidth is then measured/evaluated by an internal measurement procedure of the analyzer.

3.2.2 Results

Transmitter occupied bandwidth			
Measurement Conditions			
Power occupation		99%	
Channel [MHz]	Lower edge frequency [MHz]	Upper edge frequency [MHz]	Occupied Bandwidth [MHz]
Test mode GPRS850			
128	824.081	824.325	0.244
188	836.081	836.326	0.245
251	848.678	848.925	0.247
Test mode EGPRS850			
128	824.077	824.325	0.248
188	836.078	836.325	0.247
251	848.678	848.925	0.247
Test mode GPRS1900			
512	1850.080	1850.324	0.244
661	1879.881	1880.122	0.241
810	1909.679	1909.923	0.244
Test mode EGPRS1900			
512	1850.080	1850.324	0.244
661	1879.881	1880.125	0.243
810	1909.679	1909.923	0.244
See attached diagram in Annex			

4 Transmitter parameters

4.1 ERP/EIRP radiated power

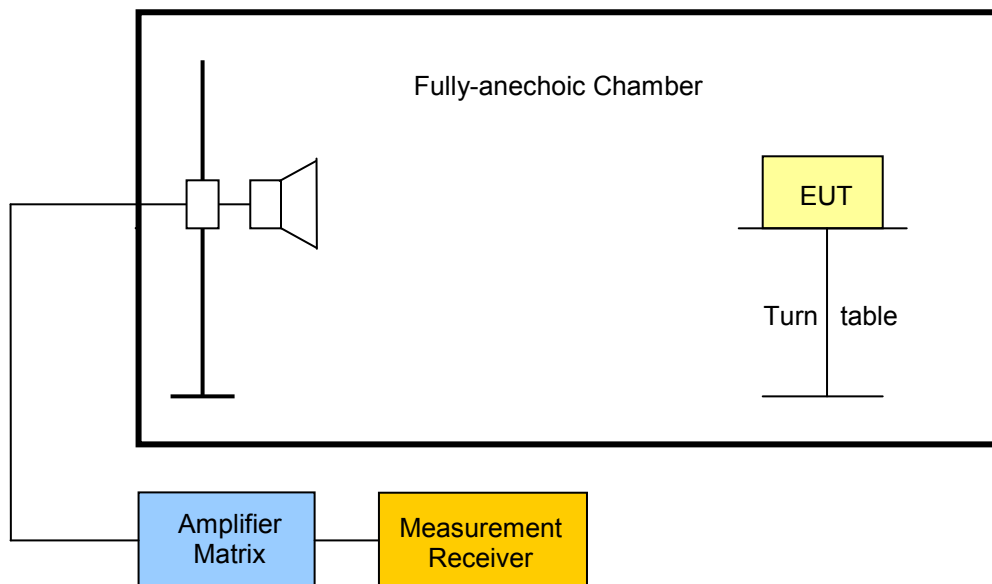
According FCC/IC rules the maximum effective radiated power has to comply with the following limits.

4.1.1 Limits

The field strength measured at 30 metres shall not exceed the limits in the following table:

Maximum effective radiated power limit		
Frequency range	Equipment type	Power Limit
824-849MHz	Mobile transmitter	FCC : 7 Watts (38.45dBm) e.r.p. IC : 11.5 Watts (40.61dBm) e.i.r.p.
1850-1910MHz	Mobile transmitter	FCC : 2 Watts (36dBm) e.i.r.p. IC : 2 Watts (36dBm) e.i.r.p.
1710-1755MHz	Mobile transmitter	FCC : 1 Watts (30dBm) e.i.r.p. IC : 1 Watts (30dBm) e.i.r.p.

4.1.2 Measurement procedure



The EUT is placed on a table in a fully-anechoic chamber. The EUT is activated with the transmission modes stated in the test report. The emission level of is scanned. To obtain the peak emission level the EUT is rotated through 360° and the height of the measurement antenna is changed.

Emission measurement is performed at a distance of 3m for horizontal and vertical measurement polarization.

4.1.3 Results

Effective radiated power					
Channel	Frequency [MHz]	Pol.	Power [dBm e.r.p.]	Limit [dBm.e.r.p.]	Margin [dB]
Test mode GRPS850					
128	824.2	hor	22.53	38.45	-15.92
128	824.2	ver	19.93	38.45	-18.52
188	836.2	hor	22.82	38.45	-15.63
188	836.2	ver	21.69	38.45	-16.76
251	848.8	hor	24.65	38.45	-13.80
251	848.8	ver	23.78	38.45	-14.67
Test mode EGRPS850					
128	824.2	hor	24.76	38.45	-13.69
128	824.2	ver	20.71	38.45	-17.74
188	836.2	hor	25.83	38.45	-12.62
188	836.2	ver	21.69	38.45	-16.76
251	848.8	hor	27.40	38.45	-11.05
251	848.8	ver	22.83	38.45	-15.62
See attached diagrams in Annex					
Verdict					PASS

Equivalent isotropic radiated power					
Channel	Frequency [MHz]	Pol.	Power [dBm e.i.r.p.]	Limit [dBm.e.i.r.p.]	Margin [dB]
Test mode GRPS850					
128	824.2	hor	24.67	40.61	-15.94
128	824.2	ver	22.07	40.61	-18.54
188	836.2	hor	24.96	40.61	-15.65
188	836.2	ver	23.83	40.61	-16.78
251	848.8	hor	24.65	40.61	-15.96
251	848.8	ver	26.79	40.61	-13.82
Test mode EGRPS850					
128	824.2	hor	26.90	40.61	-13.71
128	824.2	ver	22.85	40.61	-17.76
188	836.2	hor	27.97	40.61	-12.64
188	836.2	ver	23.83	40.61	-16.78
251	848.8	hor	29.54	40.61	-11.07
251	848.8	ver	24.97	40.61	-15.64
Test mode GRPS1900					
512	1850.2	hor	25.29	36	-10.71
512	1850.2	ver	21.64	36	-14.36
661	1880	hor	25.18	36	-10.82
661	1880	ver	24.47	36	-11.53
810	1909.8	hor	28.28	36	-07.72
810	1909.8	ver	25.27	36	-10.73
Test mode EGRPS1900					
512	1850.2	hor	24.33	36	-11.67
512	1850.2	ver	23.21	36	-12.79
661	1880	hor	25.31	36	-10.69
661	1880	ver	23.53	36	-12.47
810	1909.8	hor	29.35	36	-06.65
810	1909.8	ver	24.92	36	-11.08
See attached diagrams in Annex					
Verdict					PASS

4.2 Radiated out-of-band emissions

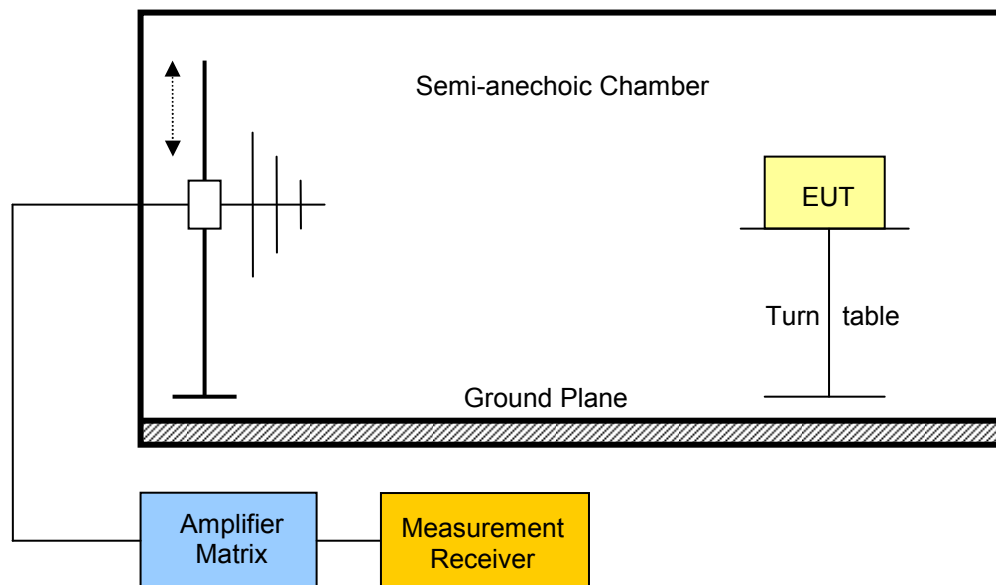
According FCC/IC rules the out-of-band emissions have to comply with the following limits.

4.2.1 Limits

Maximum effective radiated power limit	
Frequency range	Power Limit
824-849MHz	Attenuation below transmitter power $\geq 43+10\cdot\log_{10}(P)$ [dB]
1850-1910MHz	Attenuation below transmitter power $\geq 43+10\cdot\log_{10}(P)$ [dB]
1710-1755MHz	Attenuation below transmitter power $\geq 43+10\cdot\log_{10}(P)$ [dB]

4.2.2 Measurement procedure

The spurious emission measurement is performed on 3m a semi-anechoic test site.



The EUT is placed on a non-metallic table. Any emission is received by the measurement antenna and measured via a measurement receiver connected to the antenna. To obtain the maximum emission the EUT is rotated through 360° and the height of the measurement antenna is varied.

The measurement values are also corrected to obtain the radiated power values.

The measurement is performed over the frequency range of 30MHz up to the tenth harmonic for horizontal and vertical measurement polarization.

4.2.3 Results

Transmitter radiated spurious emissions					
Measurement Conditions					
Measurement distance		3m			
Channel / Frequency [MHz]	Emission Frequency [MHz]	Polarization	Measured Power [dBm]	Limit [dBm]	Margin [dB]
Test mode GPRS850					
CH128 / 824.2	2473	hor	-30.21	-13	-17.21
CH128 / 824.2	2473	ver	-29.45	-13	-16.45
CH188 / 836.2	2509	hor	-24.56	-13	-11.56
CH188 / 836.2	2509	ver	-25.12	-13	-12.12
CH251 / 848.8	2545	hor	-23.56	-13	-10.56
CH251 / 848.8	2545	ver	-23.33	-13	-10.33
Test mode GPRS1900					
CH512 / 1850.2	5547	hor	-24.13	-13	-11.13
CH512 / 1850.2	5547	ver	-30.53	-13	-17.53
CH661 / 1880.0	5635	hor	-25.35	-13	-12.35
CH661 / 1880.0	5635	ver	-29.32	-13	-16.32
CH810 / 1909.8	5731	hor	-25.98	-13	-12.98
CH810 / 1909.8	5731	ver	-33.40	-13	-20.40
See attached diagrams in Annex					
Verdict				PASS	

Transmitter radiated spurious emissions					
Measurement Conditions					
Measurement distance		3m			
Channel / Frequency [MHz]	Emission Frequency [MHz]	Polarization	Measured Power [dBm]	Limit [dBm]	Margin [dB]
Test mode EGPRS850					
CH128 / 824.2	2473	hor	-34.77	-13	-21.77
CH128 / 824.2	2473	ver	-33.32	-13	-20.32
CH188 / 836.2	2509	hor	-30.29	-13	-17.29
CH188 / 836.2	2509	ver	-30.25	-13	-17.25
CH251 / 848.8	2545	hor	-29.36	-13	-16.36
CH251 / 848.8	2545	ver	-27.16	-13	-14.16
Test mode EGPRS1900					
CH512 / 1850.2	5547	hor	-33.54	-13	-20.54
CH512 / 1850.2	5547	ver	-37.12	-13	-24.12
CH661 / 1880.0	5635	hor	-35.70	-13	-22.70
CH661 / 1880.0	5635	ver	-38.18	-13	-25.18
CH810 / 1909.8	5731	hor	-33.64	-13	-20.64
CH810 / 1909.8	5731	ver	-39.38	-13	-26.38
See attached diagrams in Annex					
Verdict				PASS	

5 Receiver parameters

5.1 Receiver spurious emissions

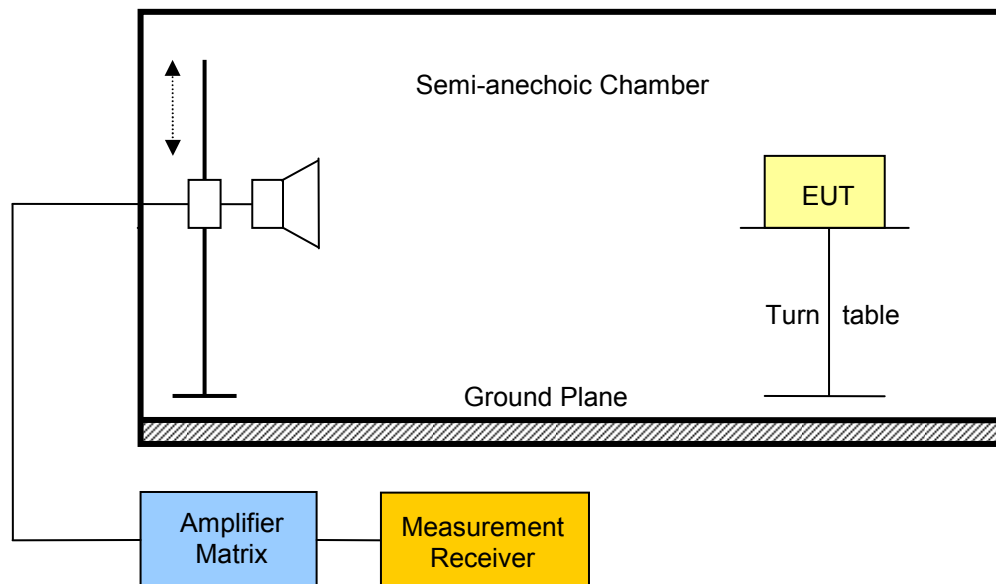
According RSS-Gen Section 4.9 the emissions of unintentional radiators have to comply with limits stated in the rules.

5.1.1 Limits

Receiver spurious emission limits				
Frequency range [MHz]	Detector	Limit [$\mu\text{V/m}$]	Limit [$\text{dB}\mu\text{V/m}$]	Limit Distance [m]
30 – 88	Quasi-Peak	100	40	3
88 – 216	Quasi-Peak	150	43.5	3
216 – 960	Quasi-Peak	200	46	3
960 – 1000	Quasi-Peak	500	54	3
> 1000	Average	500	54	3

5.1.2 Measurement procedure

The spurious emission measurement is performed on a 3m open area test site.



The EUT is placed on a non-metallic table. Any emission is received by a loop antenna and measured via a measurement receiver connected to the loop antenna. To obtain the maximum emission the EUT is rotated through 360°.

Due to practical reasons the spurious emission level check is first performed with a peak detector and the quasi-peak and average limits.

If any emission is detected that gets close to the emission limit the detector is changed and the quasi-peak or average detector is used. Which detector is used is determined by the emission frequency. If pulsed transmission is used, averaging over the pulse train is used.

The measurement values are also corrected to obtain the field strength values at the defined measurement distances of the emission limits.

The measurement is performed over the frequency range of 30MHz up to the 3rd harmonic.

5.1.3 Results

Receiver spurious Emissions						
Measurement Conditions						
Measurement distance		3m				
Channel Frequency [MHz]	Emission Frequency [MHz]	Pol.	Measured Field Strength [μV/m]	Limit [μV/m]	Detector	Margin [μV/m]
Test mode GPRS850						
CH188 / 836.2	870	hor	25.00	200	pk	-175.00
Test mode GPRS1900						
CH661 / 1880.0	16669	ver	240.99*	500	pk	-259.01
See attached diagrams in Annex						
Verdict					PASS	

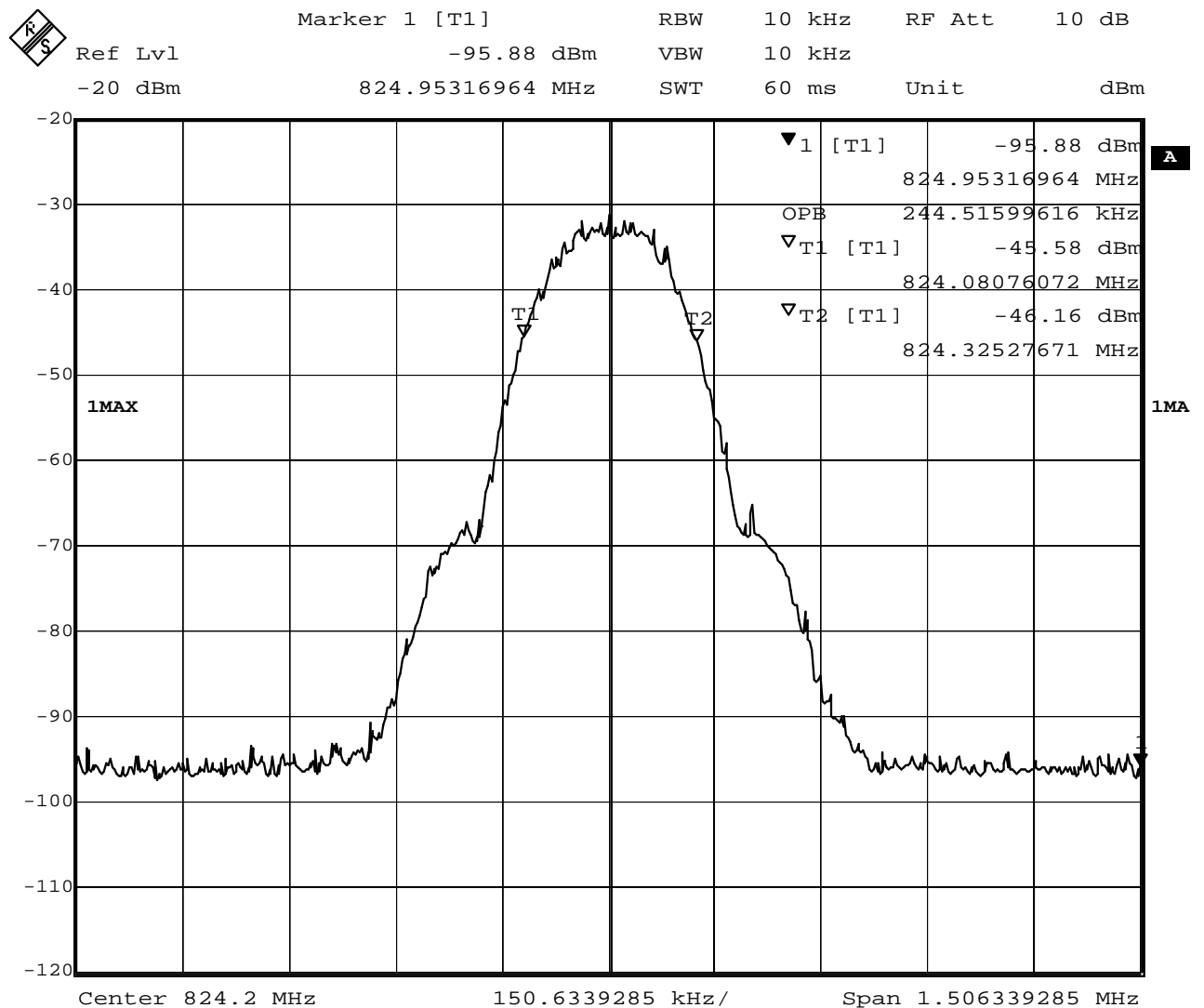
* = Emission level corresponds to noise floor.

Annex B Occupied Bandwidth

FCC Part 22 H Occupied Bandwidth

EUT Telematics Unit
Model AT-100
Approval Holder
Temperature / Voltage
Test Site / Operator
Test Specification
Comment 1
Comment 2
Comment 3

Hughes Telematics, Inc. / G0M-1105-1155
24°C / Unom: 13.5 V DC
ETS
FCC Part 22 Subpart H
GPRS 850 2- Slot uplink
Channel: 128



Date: 25.AUG.2011 15:52:57

Test Report No.: G0M-1105-1155-P-2224

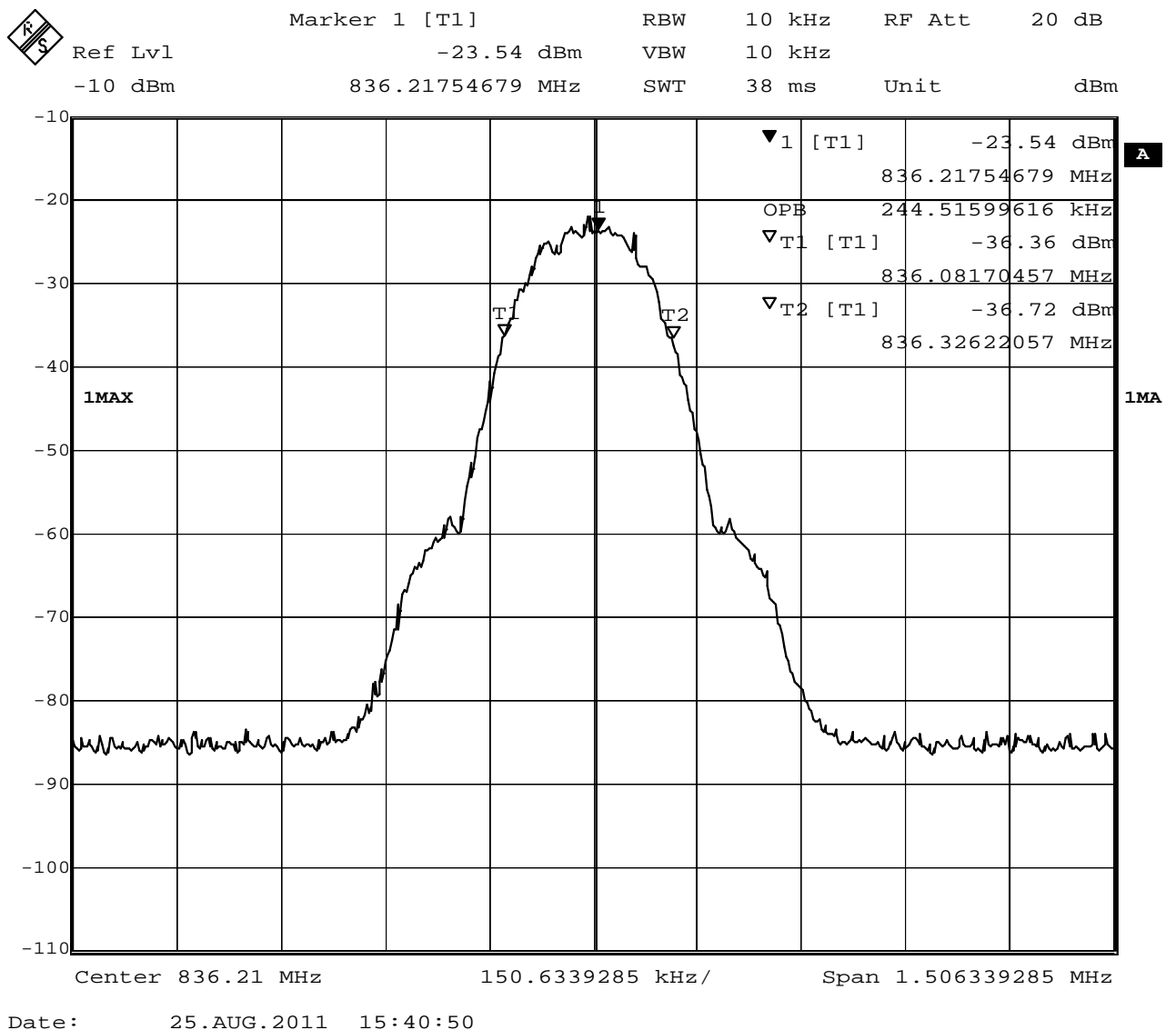
Eurofins Product Service GmbH
Storkower Str. 38c, D-15526 Reichenwalde, Germany

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**FCC Part 22 H
Occupied Bandwidth**

EUT Telematics Unit
Model AT-100
Approval Holder
Temperature / Voltage
Test Site / Operator
Test Specification
Comment 1
Comment 2
Comment 3

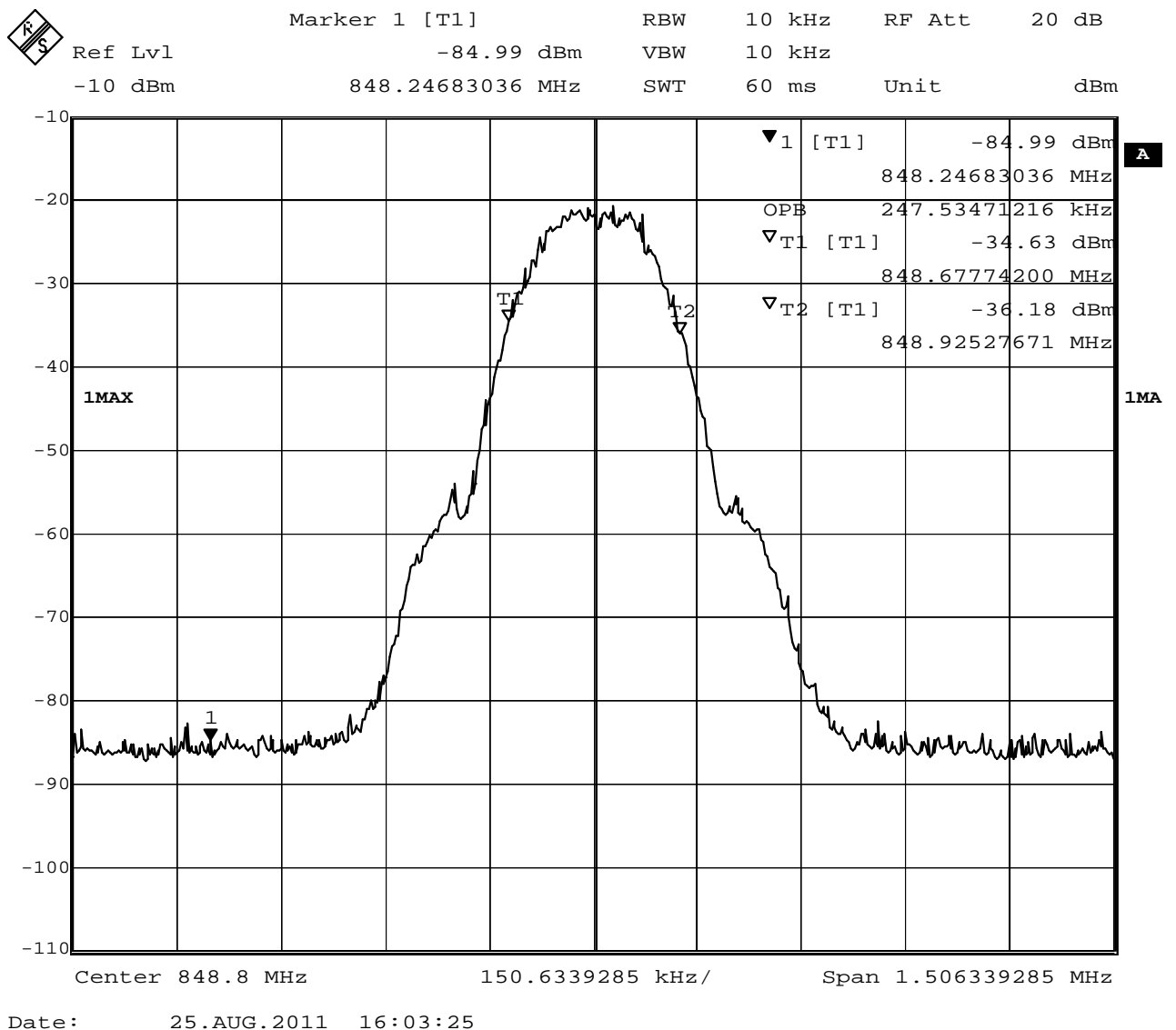
Hughes Telematics, Inc. / G0M-1105-1155
24°C / Unom: 13.5 V DC
ETS
FCC Part 22 Subpart H
GPRS 850 2- Slot uplink
Channel: 188



**FCC Part 22 H
Occupied Bandwidth**

EUT Telematics Unit
Model AT-100
Approval Holder
Temperature / Voltage
Test Site / Operator
Test Specification
Comment 1
Comment 2
Comment 3

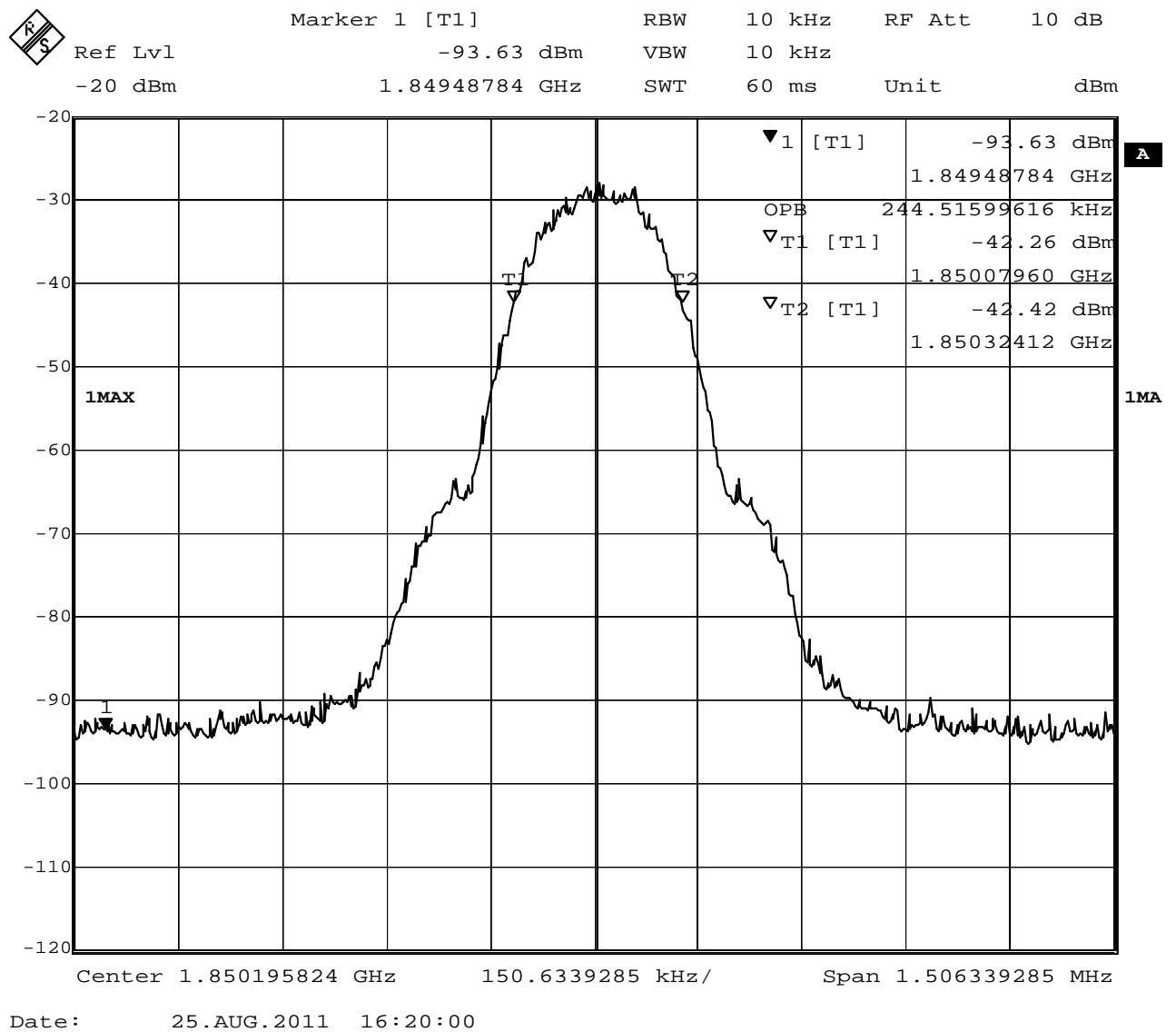
Hughes Telematics, Inc. / G0M-1105-1155
24°C / Unom: 13.5 V DC
ETS
FCC Part 22 Subpart H
GPRS 850 2- Slot uplink
Channel: 251



**FCC Part 24 E
Occupied Bandwidth**

EUT Telematics Unit
Model AT-100
Approval Holder
Temperature / Voltage
Test Site / Operator
Test Specification
Comment 1
Comment 2
Comment 3

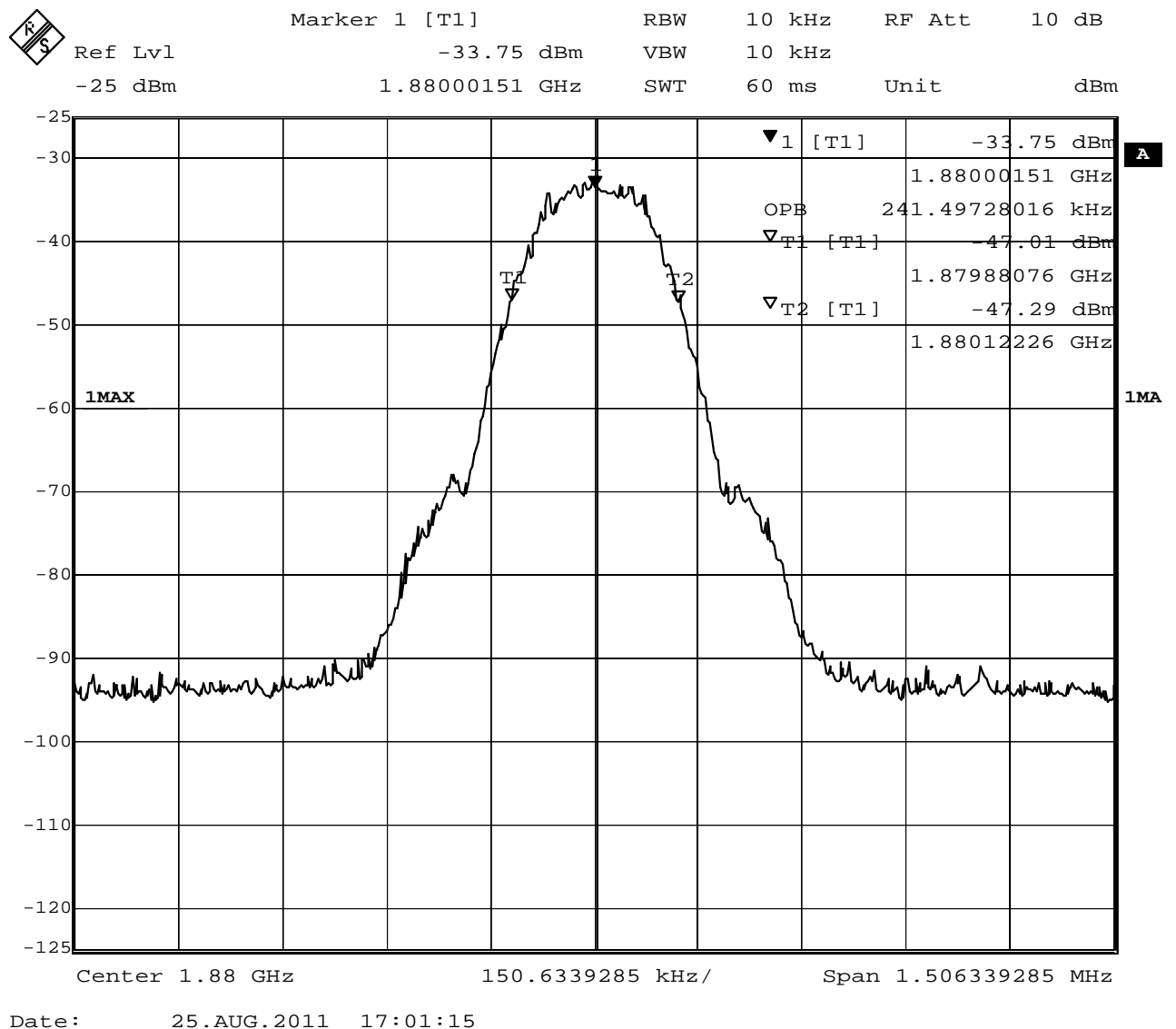
Hughes Telematics, Inc. / G0M-1105-1155
24°C / Unom: 13.5 V DC
ETS
FCC Part 24 Subpart E
GPRS 1900 2- Slot uplink
Channel: 512



**FCC Part 24 E
Occupied Bandwidth**

EUT Telematics Unit
Model AT-100
Approval Holder
Temperature / Voltage
Test Site / Operator
Test Specification
Comment 1
Comment 2
Comment 3

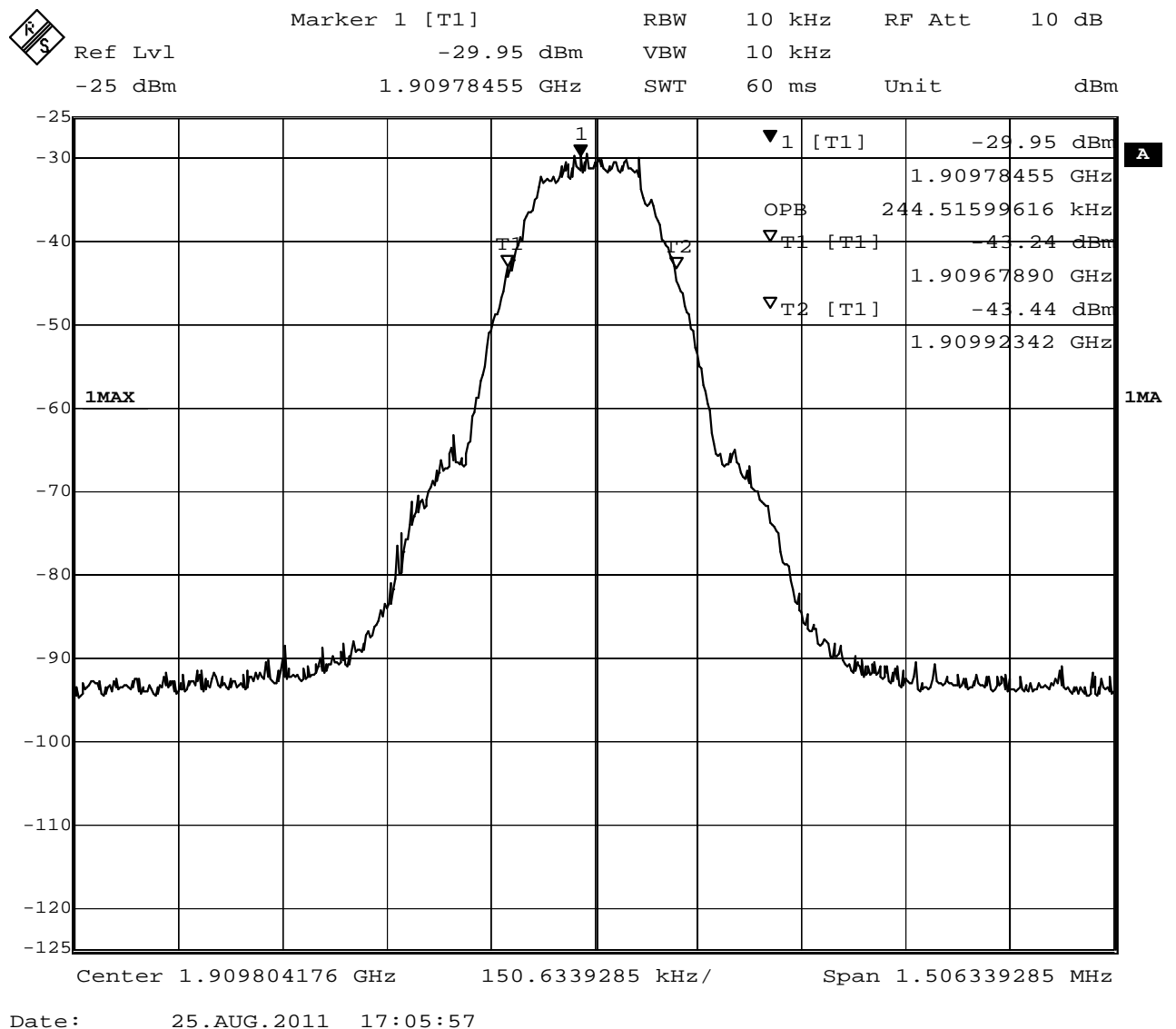
Hughes Telematics, Inc. / G0M-1105-1155
24°C / Unom: 13.5 V DC
ETS
FCC Part 24 Subpart E
GPRS 1900 2- Slot uplink
Channel: 661



**FCC Part 24 E
Occupied Bandwidth**

EUT Telematics Unit
Model AT-100
Approval Holder
Temperature / Voltage
Test Site / Operator
Test Specification
Comment 1
Comment 2
Comment 3

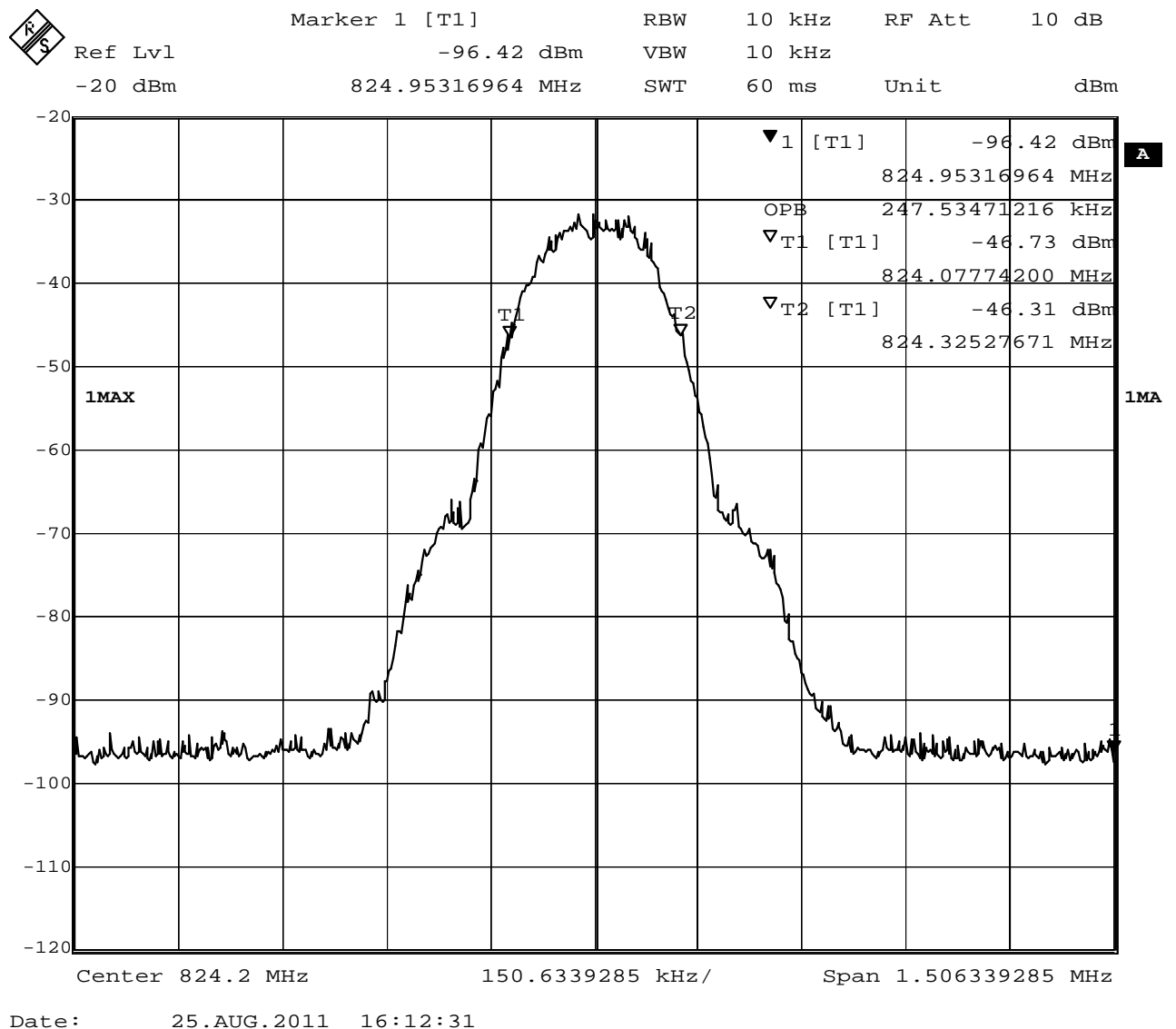
Hughes Telematics, Inc. / G0M-1105-1155
24°C / Unom: 13.5 V DC
ETS
FCC Part 24 Subpart E
GPRS 1900 2- Slot uplink
Channel: 810



**FCC Part 22 H
Occupied Bandwidth**

EUT Telematics Unit
Model AT-100
Approval Holder
Temperature / Voltage
Test Site / Operator
Test Specification
Comment 1
Comment 2
Comment 3

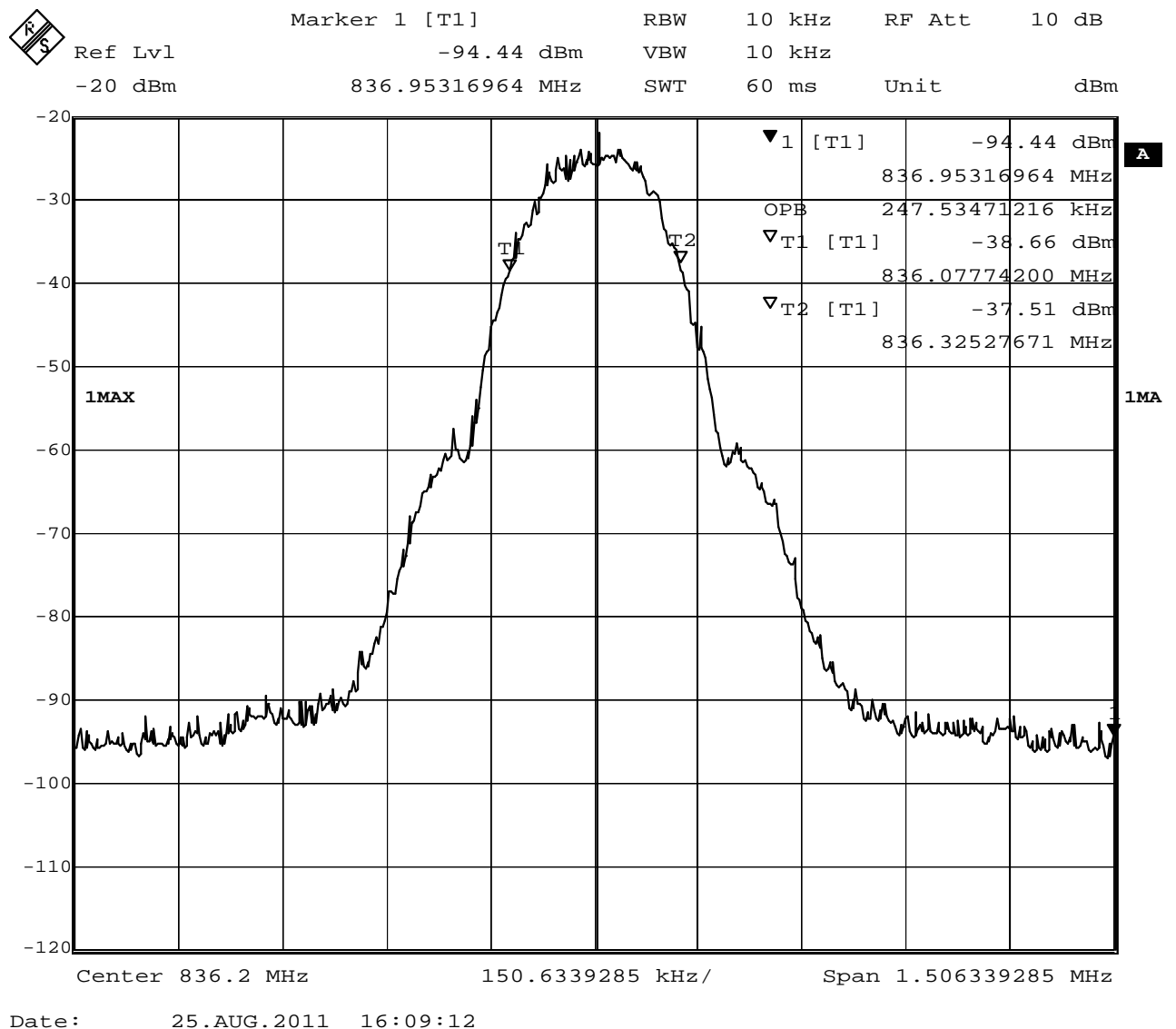
Hughes Telematics, Inc. / G0M-1105-1155
24°C / Unom: 13.5 V DC
ETS
FCC Part 22 Subpart H
EDGE 850 2- Slot uplink
Channel: 128



**FCC Part 22 H
Occupied Bandwidth**

EUT Telematics Unit
Model AT-100
Approval Holder
Temperature / Voltage
Test Site / Operator
Test Specification
Comment 1
Comment 2
Comment 3

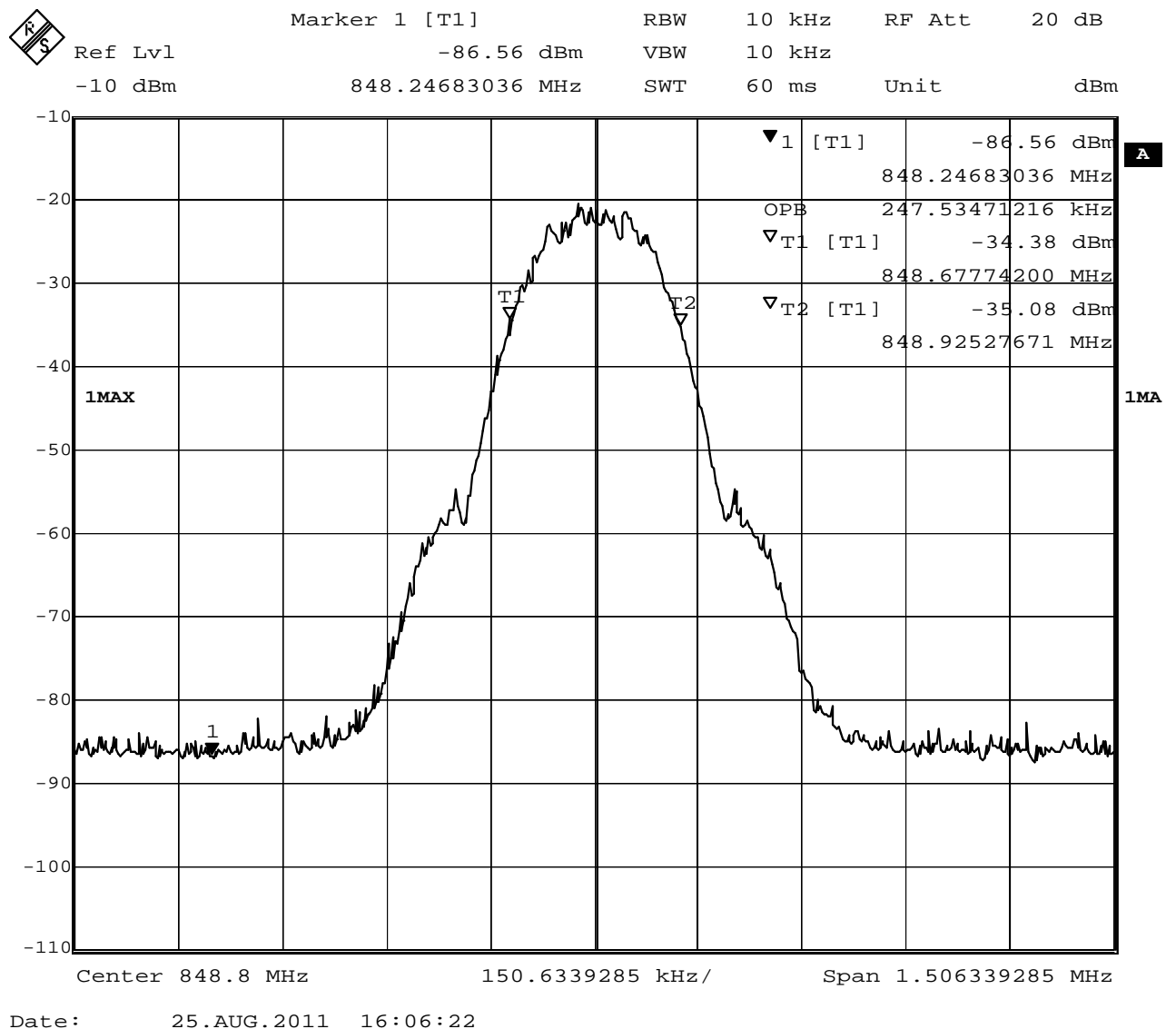
Hughes Telematics, Inc. / G0M-1105-1155
24°C / Unom: 13.5 V DC
ETS
FCC Part 22 Subpart H
EDGE 850 2- Slot uplink
Channel: 188



**FCC Part 22 H
Occupied Bandwidth**

EUT Telematics Unit
Model AT-100
Approval Holder
Temperature / Voltage
Test Site / Operator
Test Specification
Comment 1
Comment 2
Comment 3

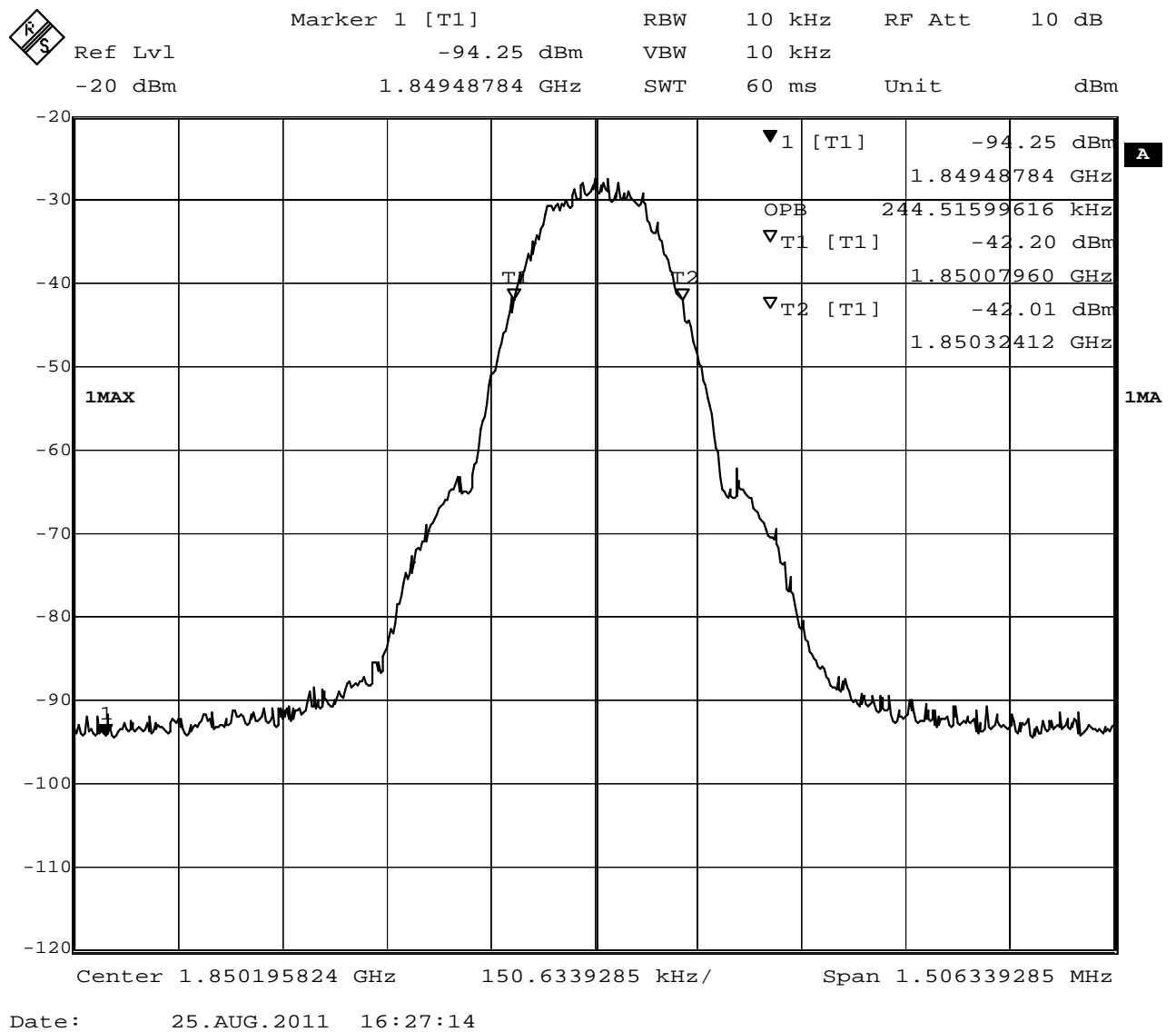
Hughes Telematics, Inc. / G0M-1105-1155
24°C / Unom: 13.5 V DC
ETS
FCC Part 22 Subpart H
EDGE 850 2- Slot uplink
Channel: 251



**FCC Part 24 E
Occupied Bandwidth**

EUT Telematics Unit
Model AT-100
Approval Holder
Temperature / Voltage
Test Site / Operator
Test Specification
Comment 1
Comment 2
Comment 3

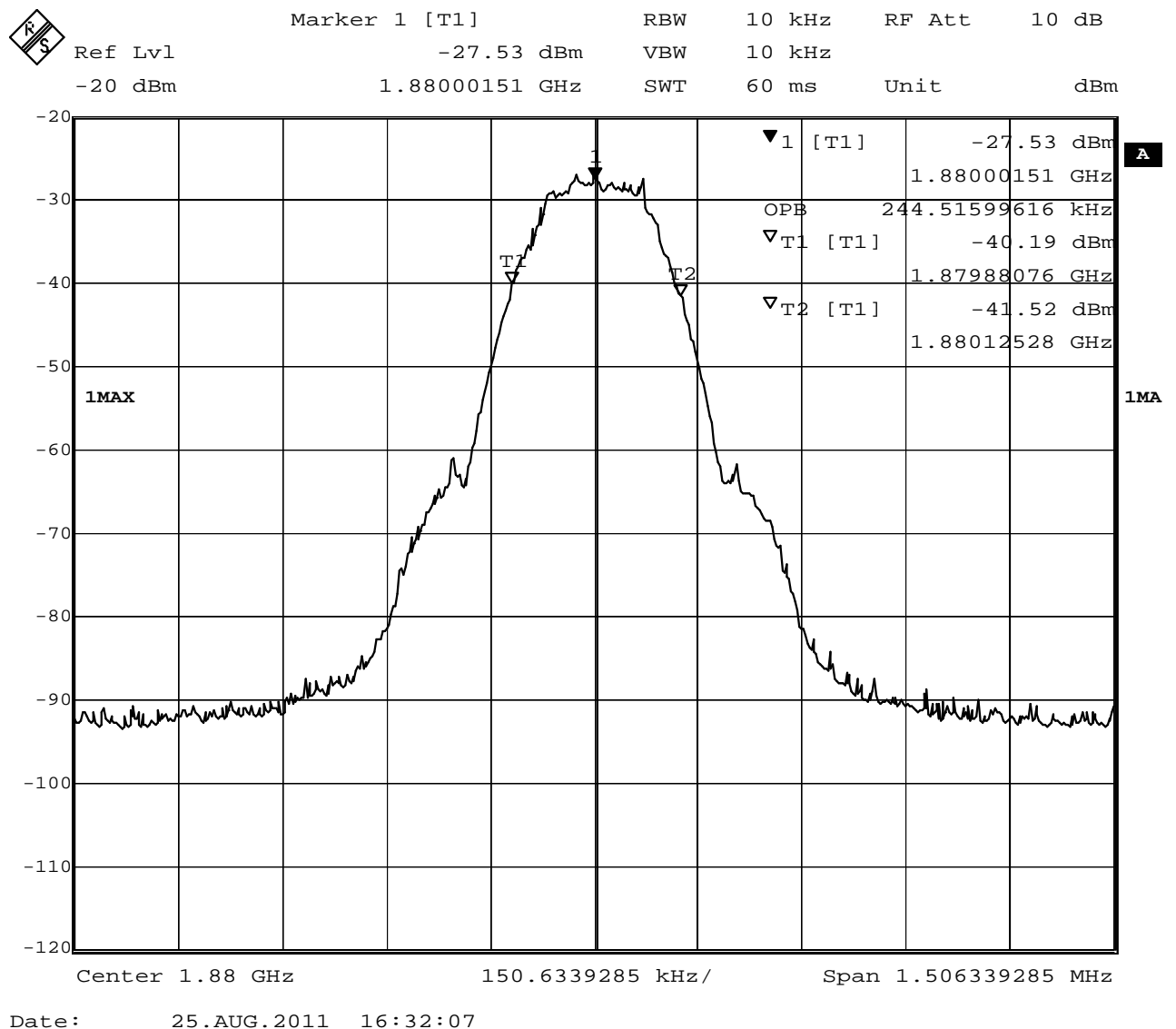
Hughes Telematics, Inc. / G0M-1105-1155
24°C / Unom: 13.5 V DC
ETS
FCC Part 24 Subpart E
EDGE 1900 2- Slot uplink
Channel: 512



**FCC Part 24 E
Occupied Bandwidth**

EUT Telematics Unit
Model AT-100
Approval Holder
Temperature / Voltage
Test Site / Operator
Test Specification
Comment 1
Comment 2
Comment 3

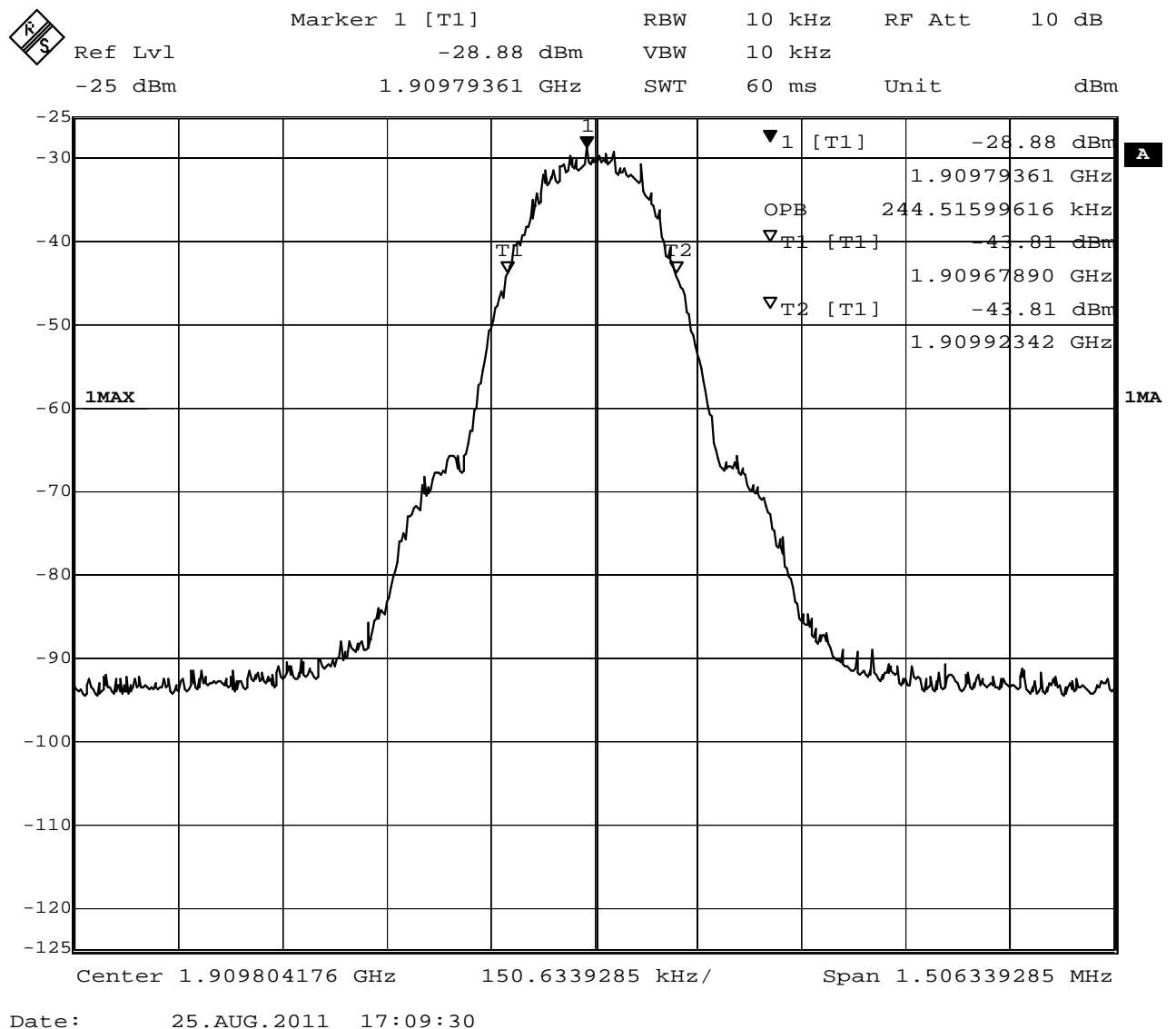
Hughes Telematics, Inc. / G0M-1105-1155
24°C / Unom: 13.5 V DC
ETS
FCC Part 24 Subpart E
EDGE 1900 2- Slot uplink
Channel: 661



**FCC Part 24 E
Occupied Bandwidth**

EUT Telematics Unit
Model AT-100
Approval Holder
Temperature / Voltage
Test Site / Operator
Test Specification
Comment 1
Comment 2
Comment 3

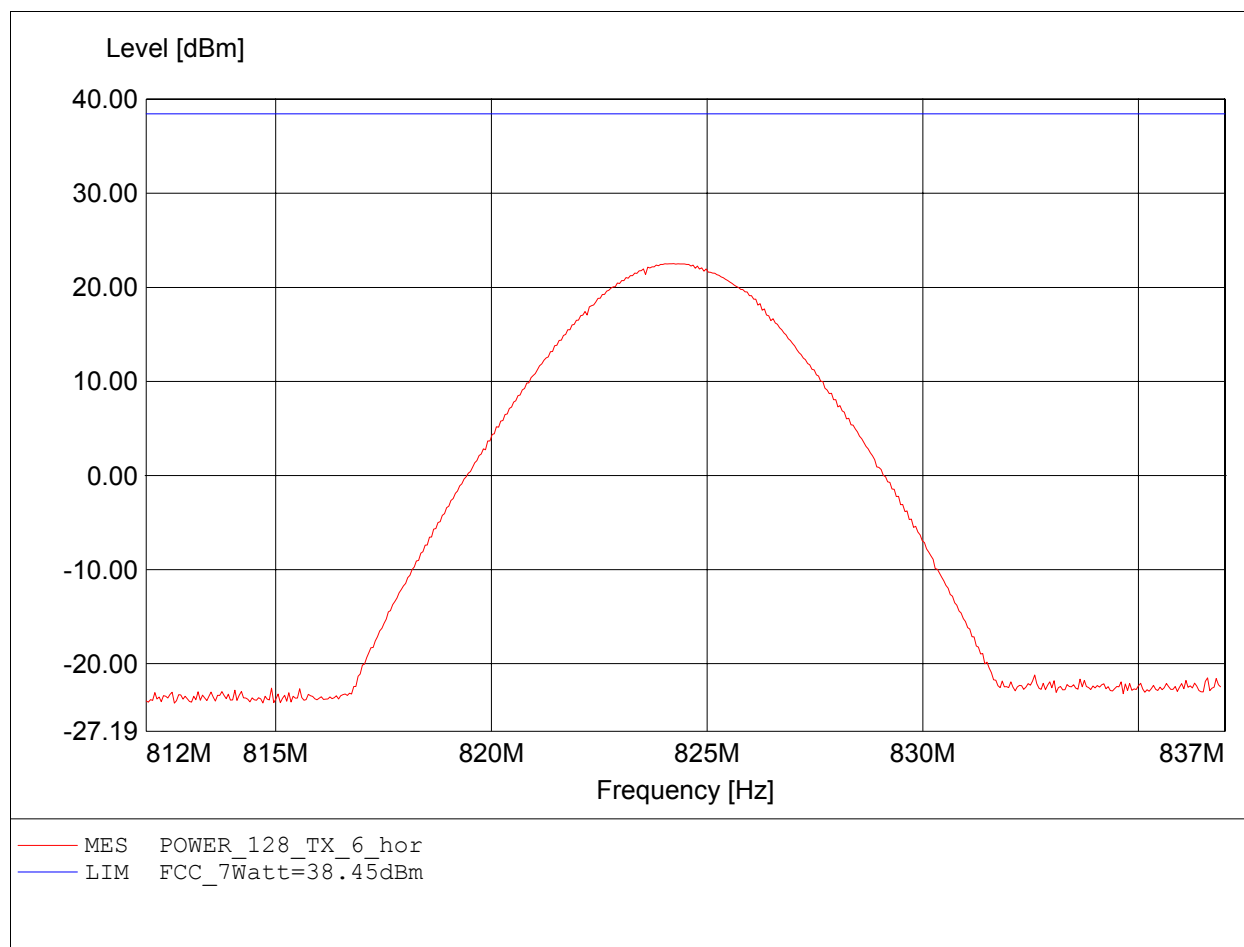
Hughes Telematics, Inc. / G0M-1105-1155
24°C / Unom: 13.5 V DC
ETS
FCC Part 24 Subpart E
EDGE 1900 2- Slot uplink
Channel: 810



Annex C Transmitter radiated power

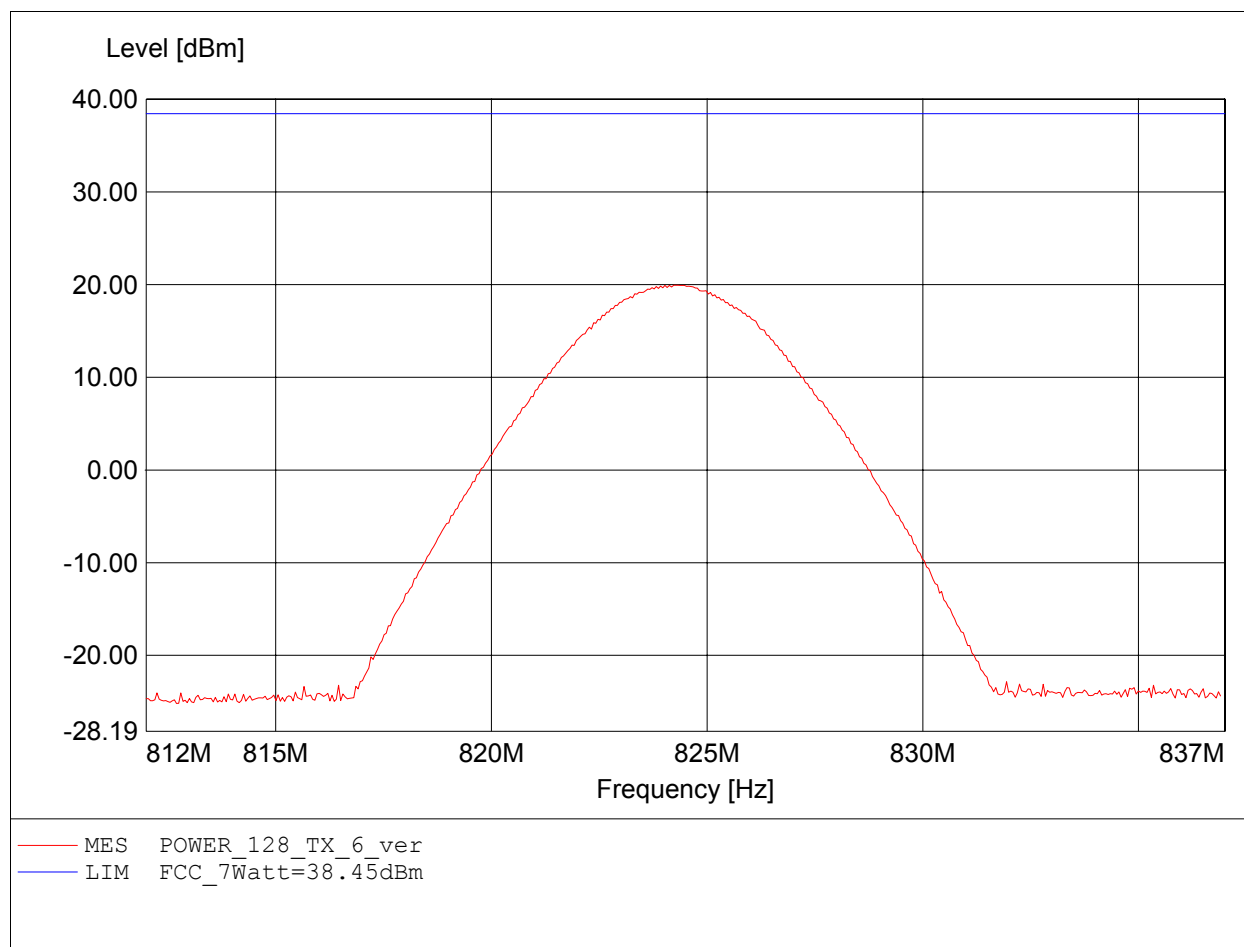
Effective Radiated Power
FCC RULES PART 22 SUBPART H

Approval Holder: Hughes Telematics, Inc. / GOM-1105-1155
EUT / Model: Telematics Unit / AT-100
GPRS 850 / CH: 128 / 2xSlot / Pmax / vertical
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Conditions 1: Tnom.: 24°C / Unom: 13.5 VDC (car power)
Test Conditions 2: Freq. / CH: 128
Comment 1: Dist.: 3m, Ant.: HL223
Comment 2: Freq: 824.224MHz, Pmax: 22.53dBm, RBW: 3MHz



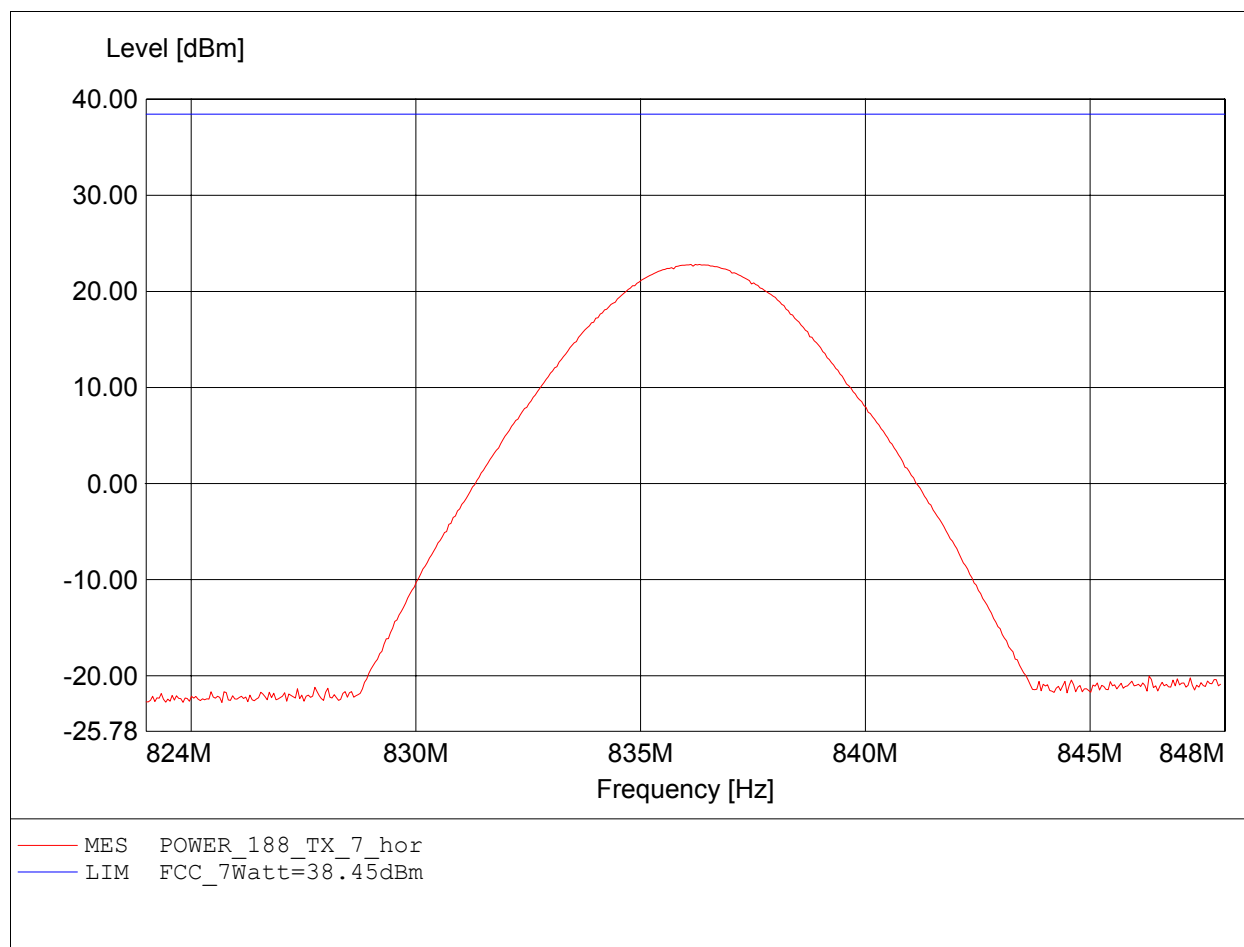
Effective Radiated Power
FCC RULES PART 22 SUBPART H

Approval Holder: Hughes Telematics, Inc. / GOM-1105-1155
EUT / Model: Telematics Unit / AT-100
GPRS 850 / CH: 128 / 2xSlot / Pmax / vertical
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Conditions 1: Tnom.: 24°C / Unom: 13.5 VDC (car power)
Test Conditions 2: Freq. / CH: 128
Comment 1: Dist.: 3m, Ant.: HL223
Comment 2: Freq: 824.275MHz, Pmax: 19.93dBm, RBW: 3MHz



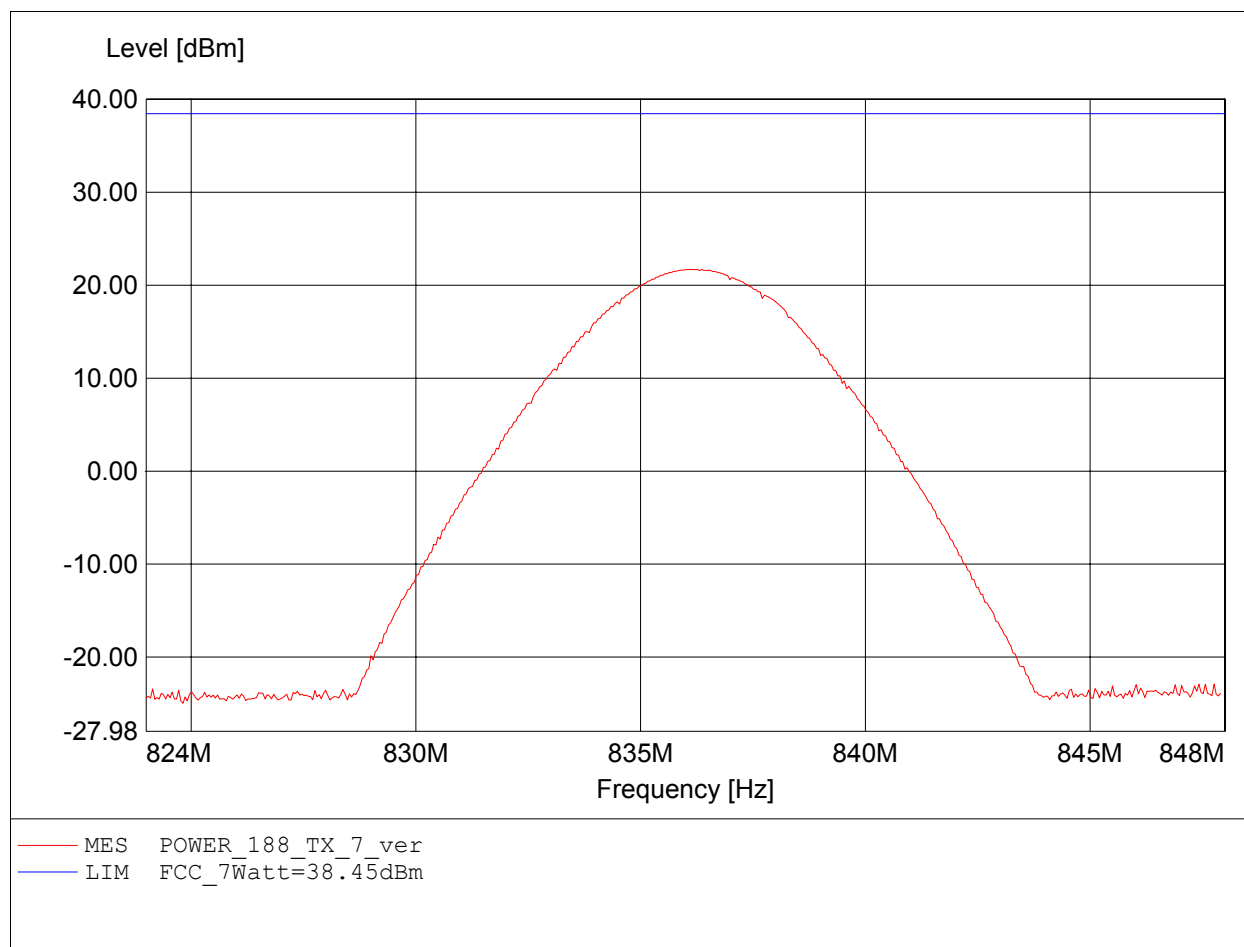
Effective Radiated Power
FCC RULES PART 22 SUBPART H

Approval Holder: Hughes Telematics, Inc. / GOM-1105-1155
EUT / Model: Telematics Unit / AT-100
GPRS 850 / CH: 188 / 2xSlot / Pmax / vertical
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Conditions 1: Tnom.: 24°C / Unom: 13.5 VDC (car power)
Test Conditions 2: Freq. / CH: 188
Comment 1: Dist.: 3m, Ant.: HL223
Comment 2: Freq: 836.216MHz, Pmax: 22.82dBm, RBW: 3MHz



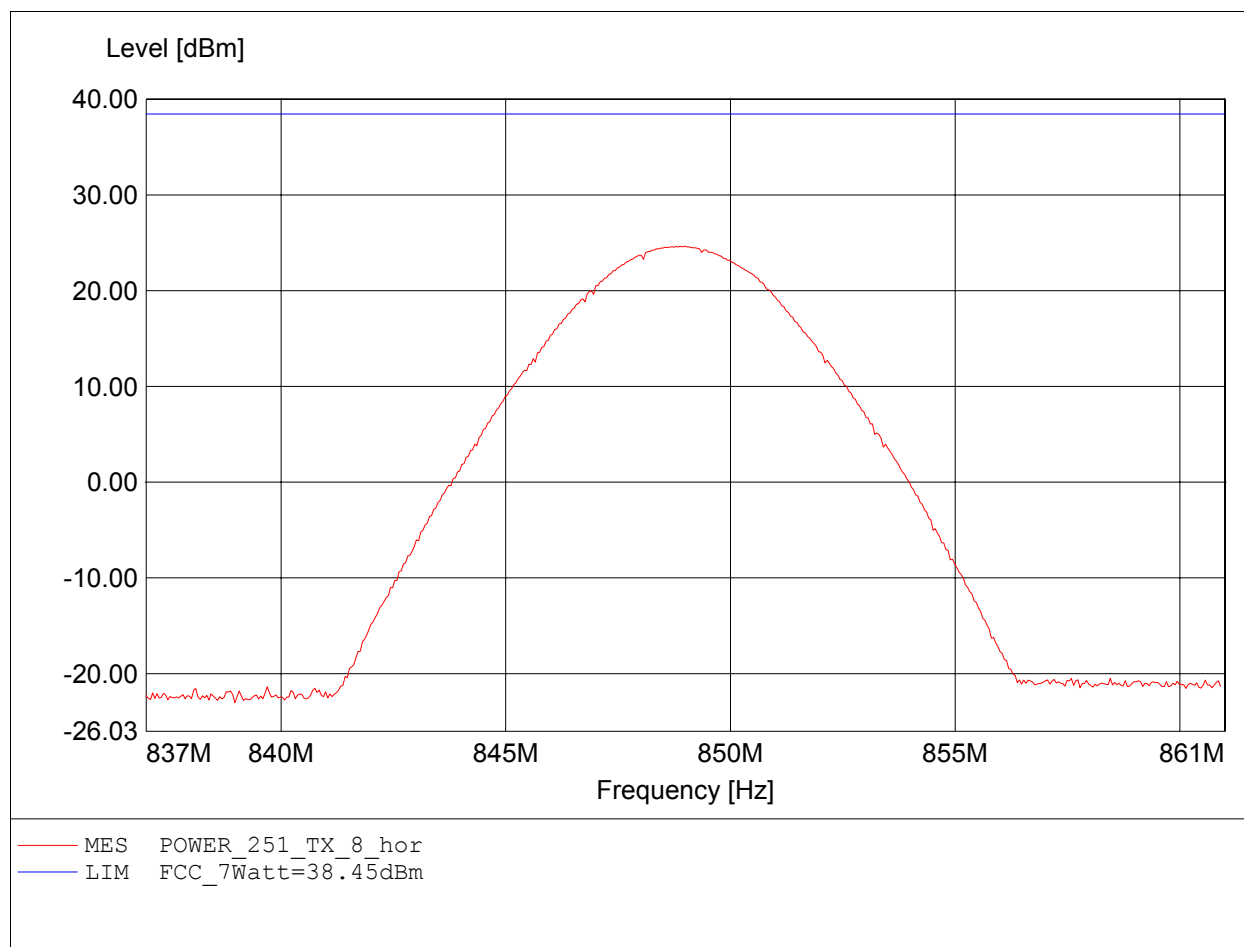
Effective Radiated Power
FCC RULES PART 22 SUBPART H

Approval Holder: Hughes Telematics, Inc. / GOM-1105-1155
EUT / Model: Telematics Unit / AT-100
GPRS 850 / CH: 188 / 2xSlot / Pmax / vertical
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Conditions 1: Tnom.: 24°C / Unom: 13.5 VDC (car power)
Test Conditions 2: Freq. / CH: 188
Comment 1: Dist.: 3m, Ant.: HL223
Comment 2: Freq: 836.024MHz, Pmax: 21.69dBm, RBW: 3MHz



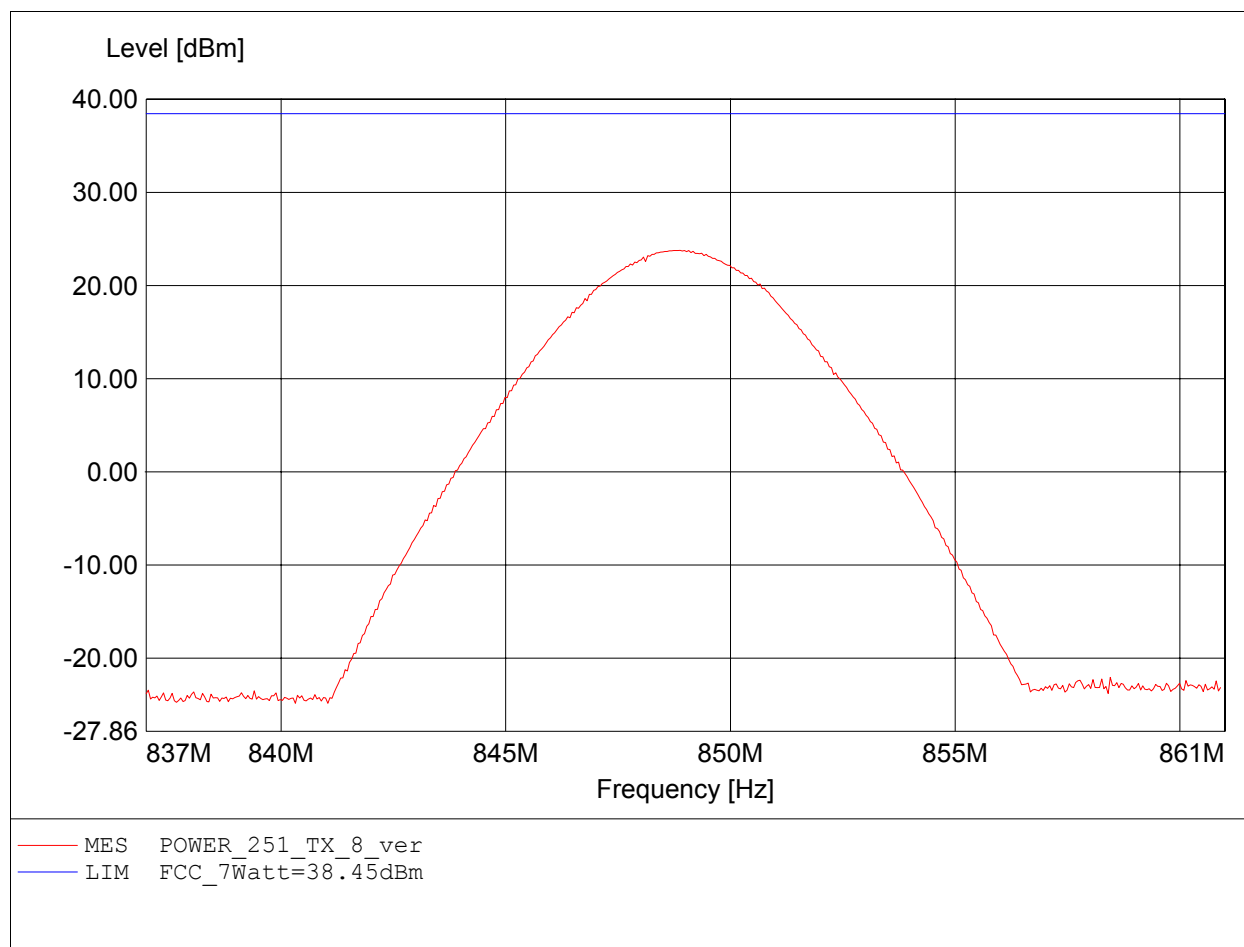
Effective Radiated Power
FCC RULES PART 22 SUBPART H

Approval Holder: Hughes Telematics, Inc. / GOM-1105-1155
EUT / Model: Telematics Unit / AT-100
GPRS 850 / CH: 251 / 2xSlot / Pmax / vertical
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Conditions 1: Tnom.: 24°C / Unom: 13.5 VDC (car power)
Test Conditions 2: Freq. / CH: 251
Comment 1: Dist.: 3m, Ant.: HL223
Comment 2: Freq: 848.976MHz, Pmax: 24.65dBm, RBW: 3MHz



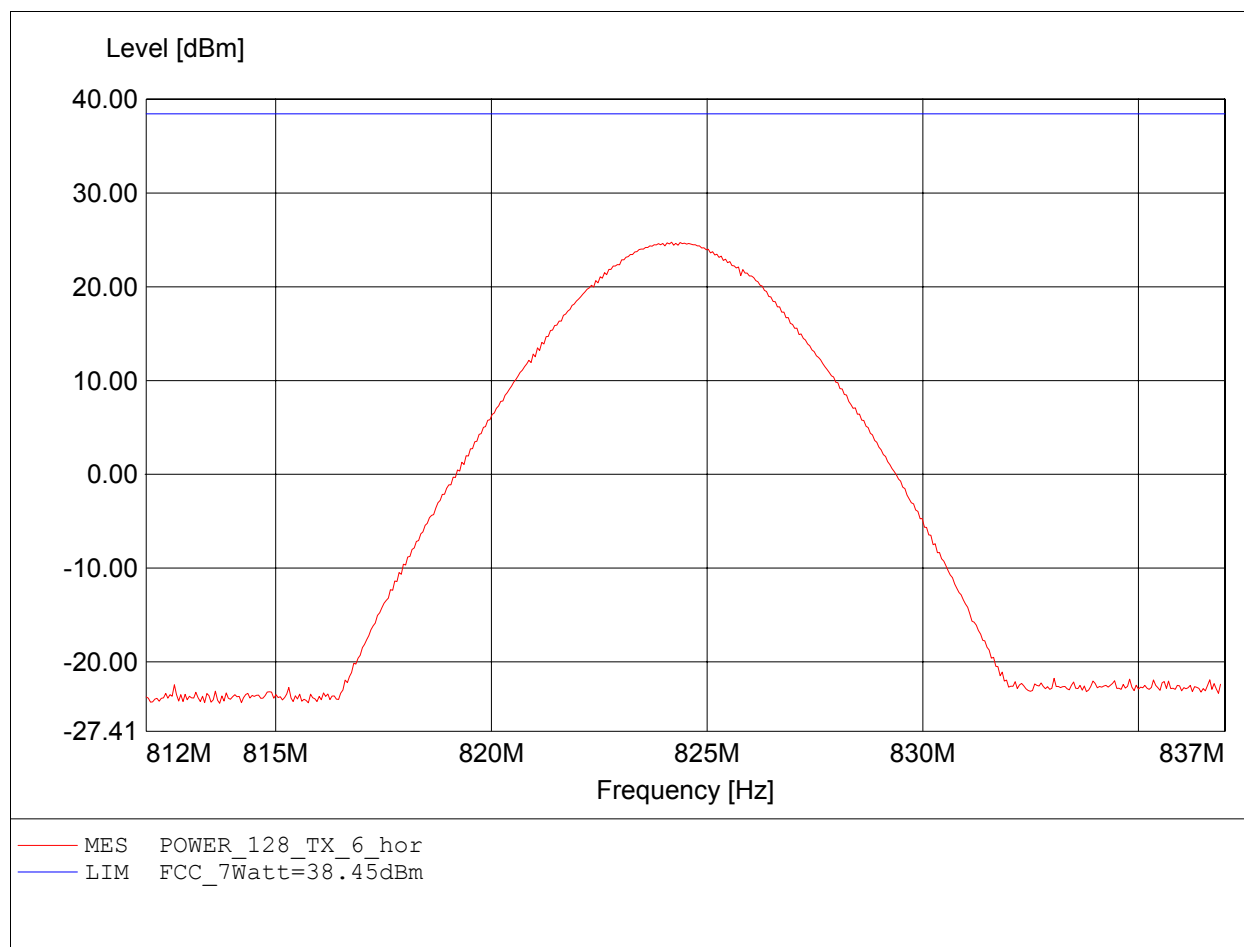
Effective Radiated Power
FCC RULES PART 22 SUBPART H

Approval Holder: Hughes Telematics, Inc. / GOM-1105-1155
EUT / Model: Telematics Unit / AT-100
GPRS 850 / CH: 251 / 2xSlot / Pmax / vertical
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Conditions 1: Tnom.: 24°C / Unom: 13.5 VDC (car power)
Test Conditions 2: Freq. / CH: 251
Comment 1: Dist.: 3m, Ant.: HL223
Comment 2: Freq: 848.880MHz, Pmax: 23.78dBm, RBW: 3MHz



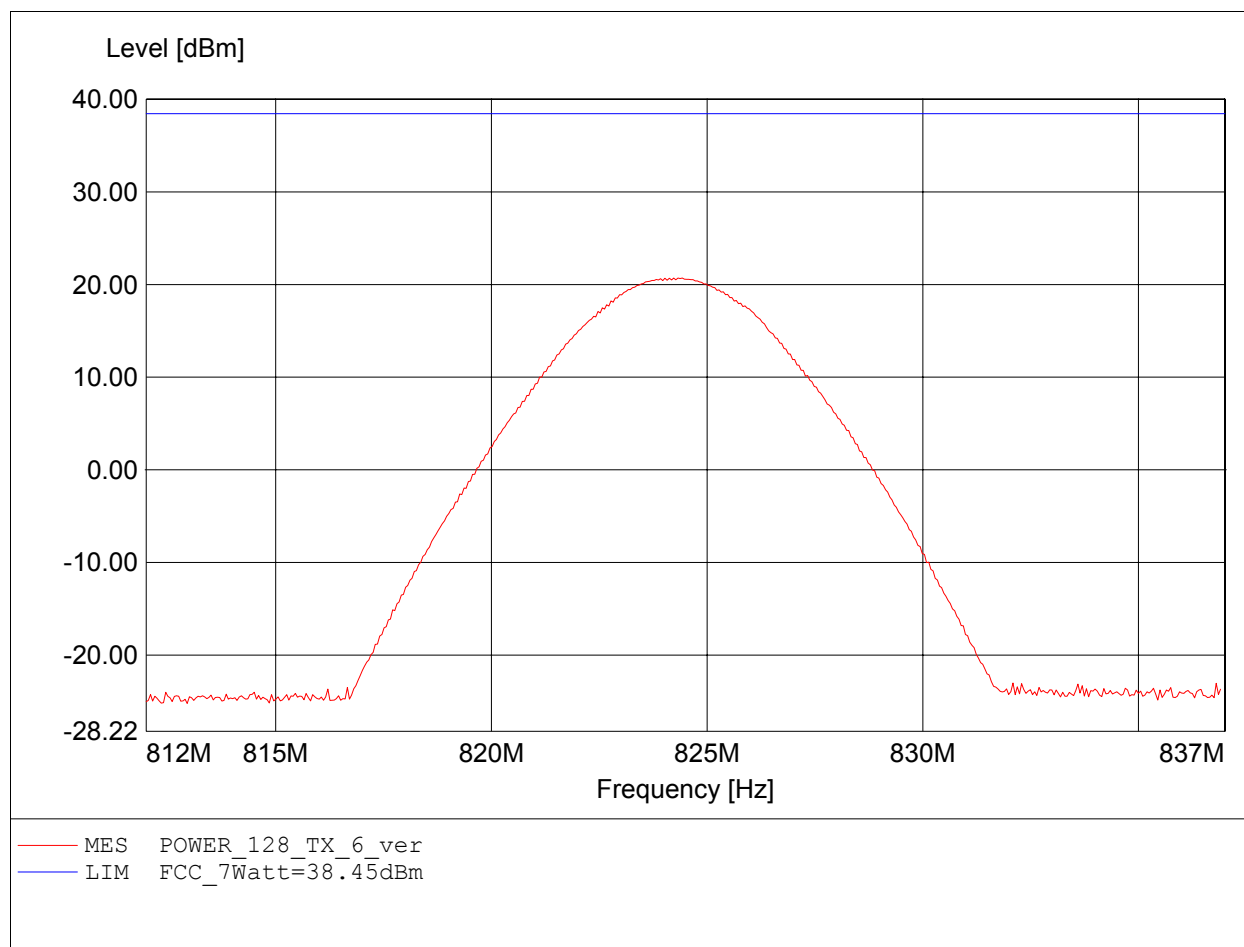
Effective Radiated Power
FCC RULES PART 22 SUBPART H

Approval Holder: Hughes Telematics, Inc. / GOM-1105-1155
EUT / Model: Telematics Unit / AT-100
EDGE 850 / CH: 128 / 2xSlot / Pmax / vertical
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Conditions 1: Tnom.: 24°C / Unom: 13.5 VDC (car power)
Test Conditions 2: Freq. / CH: 128
Comment 1: Dist.: 3m, Ant.: HL223
Comment 2: Freq: 824.174MHz, Pmax: 24.76dBm, RBW: 3MHz



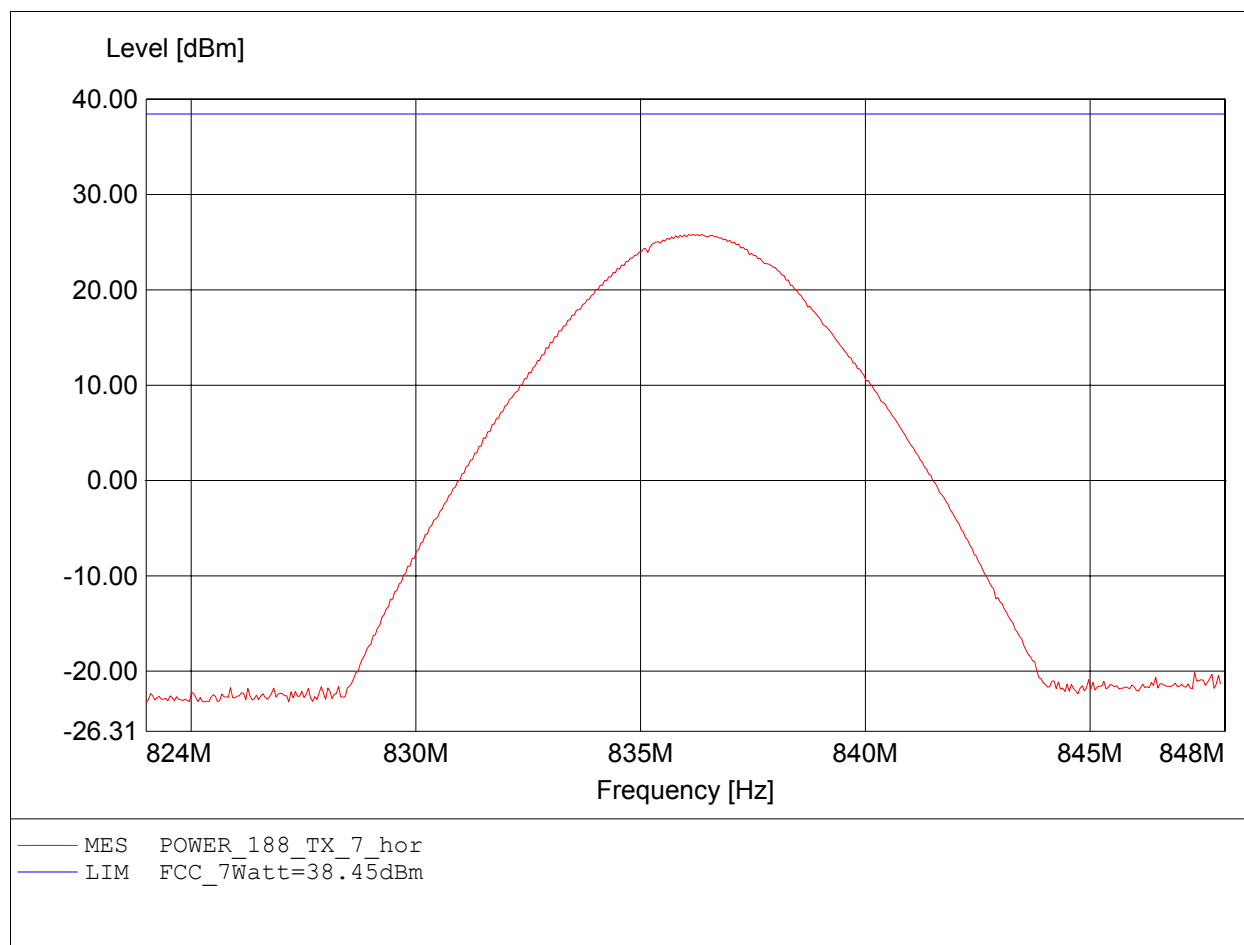
Effective Radiated Power
FCC RULES PART 22 SUBPART H

Approval Holder: Hughes Telematics, Inc. / GOM-1105-1155
EUT / Model: Telematics Unit / AT-100
EDGE 850 / CH: 128 / 2xSlot / Pmax / vertical
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Conditions 1: Tnom.: 24°C / Unom: 13.5 VDC (car power)
Test Conditions 2: Freq. / CH: 128
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Comment 2: Freq: 824.325MHz, Pmax: 20.71dBm, RBW: 3MHz



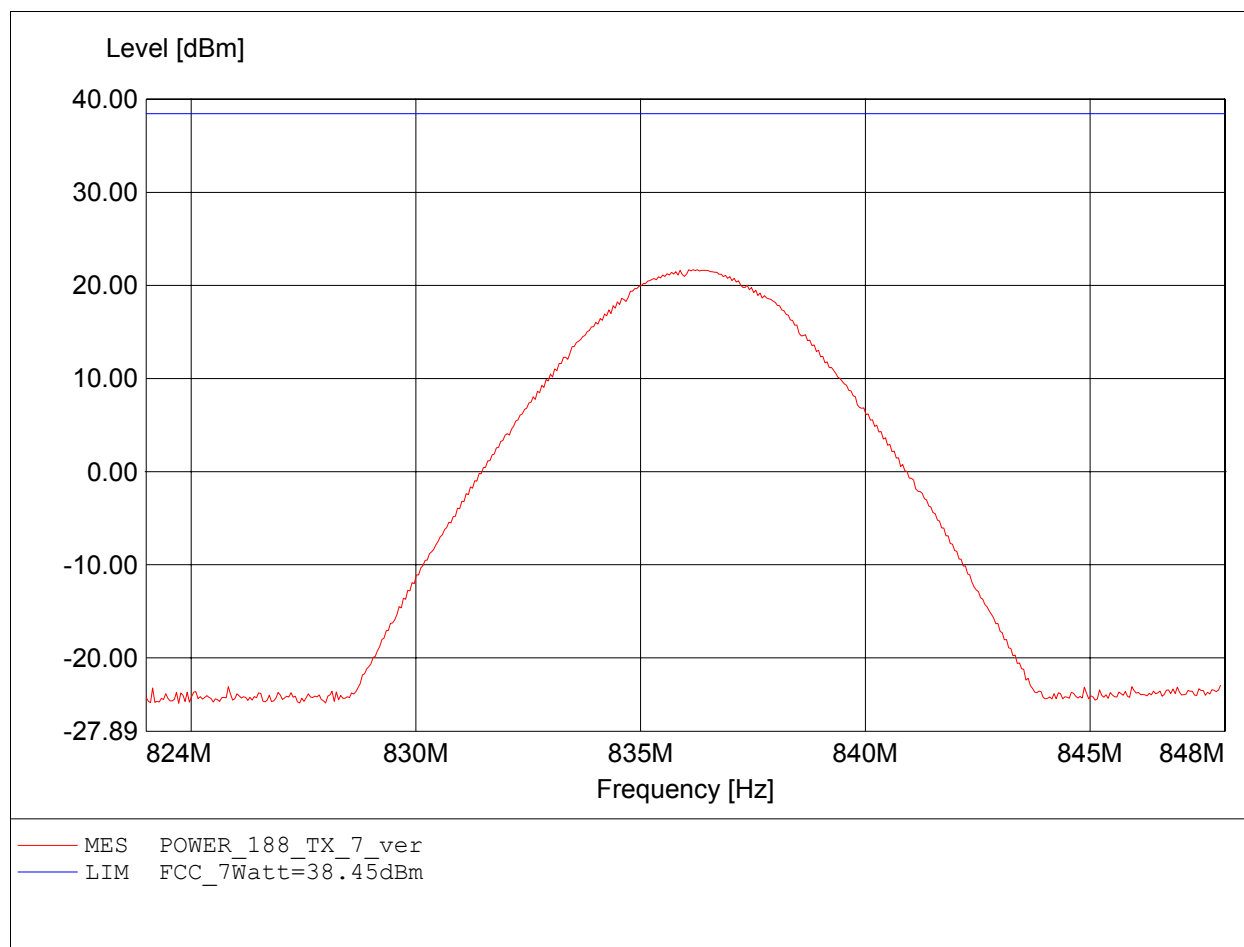
Effective Radiated Power
FCC RULES PART 22 SUBPART H

Approval Holder: Hughes Telematics, Inc. / GOM-1105-1155
EUT / Model: Telematics Unit / AT-100
EDGE 850 / CH: 188 / 2xSlot / Pmax / vertical
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Conditions 1: Tnom.: 24°C / Unom: 13.5 VDC (car power)
Test Conditions 2: Freq. / CH: 188
Comment 1: Dist.: 3m, Ant.: HL223
Comment 2: Freq: 836.168MHz, Pmax: 25.83dBm, RBW: 3MHz



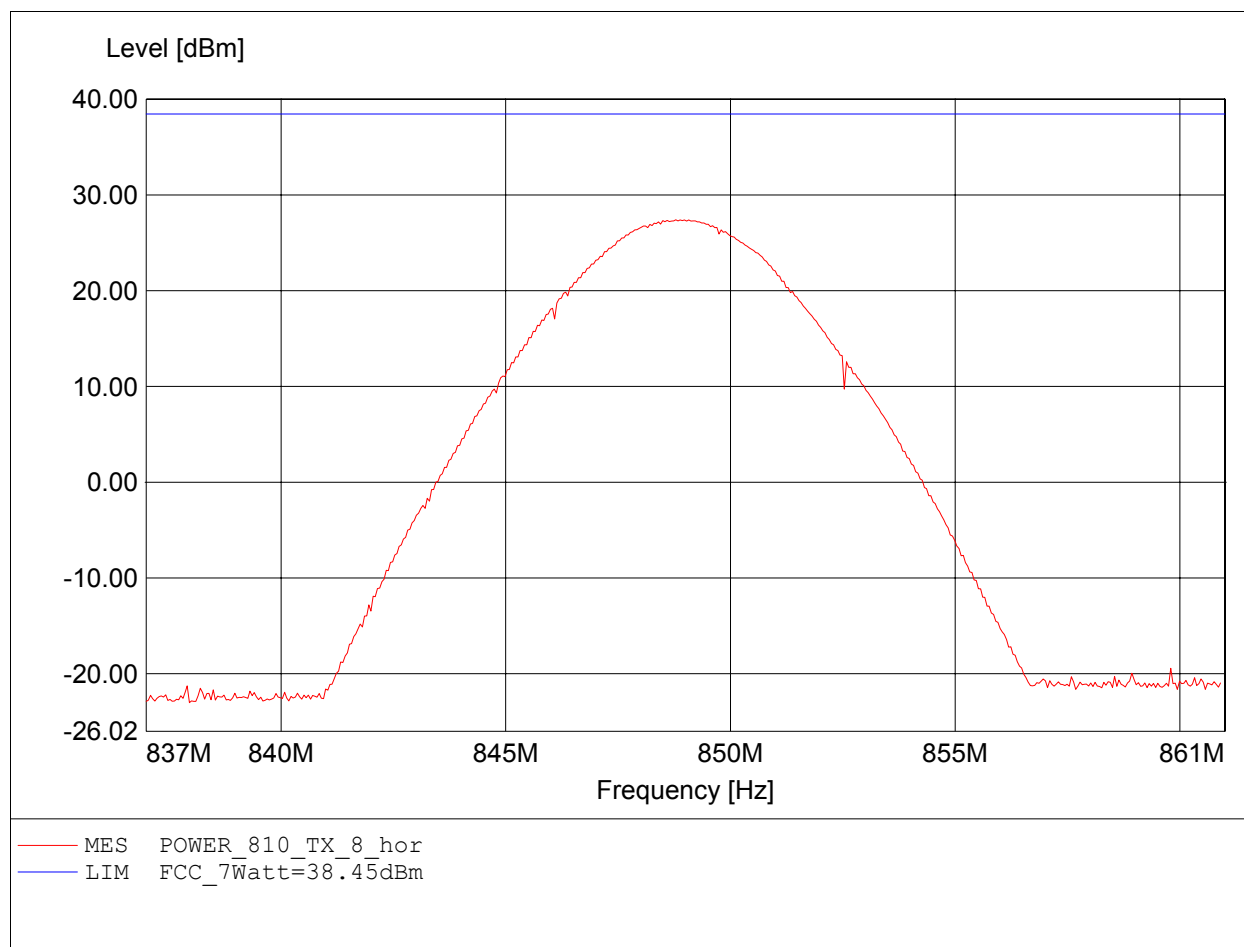
Effective Radiated Power
FCC RULES PART 22 SUBPART H

Approval Holder: Hughes Telematics, Inc. / GOM-1105-1155
EUT / Model: Telematics Unit / AT-100
EDGE 850 / CH: 188 / 2xSlot / Pmax / vertical
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Conditions 1: Tnom.: 24°C / Unom: 13.5 VDC (car power)
Test Conditions 2: Freq. / CH: 188
Comment 1: Dist.: 3m, Ant.: HL223
Comment 2: Freq: 836.168MHz, Pmax: 21.69dBm, RBW: 3MHz



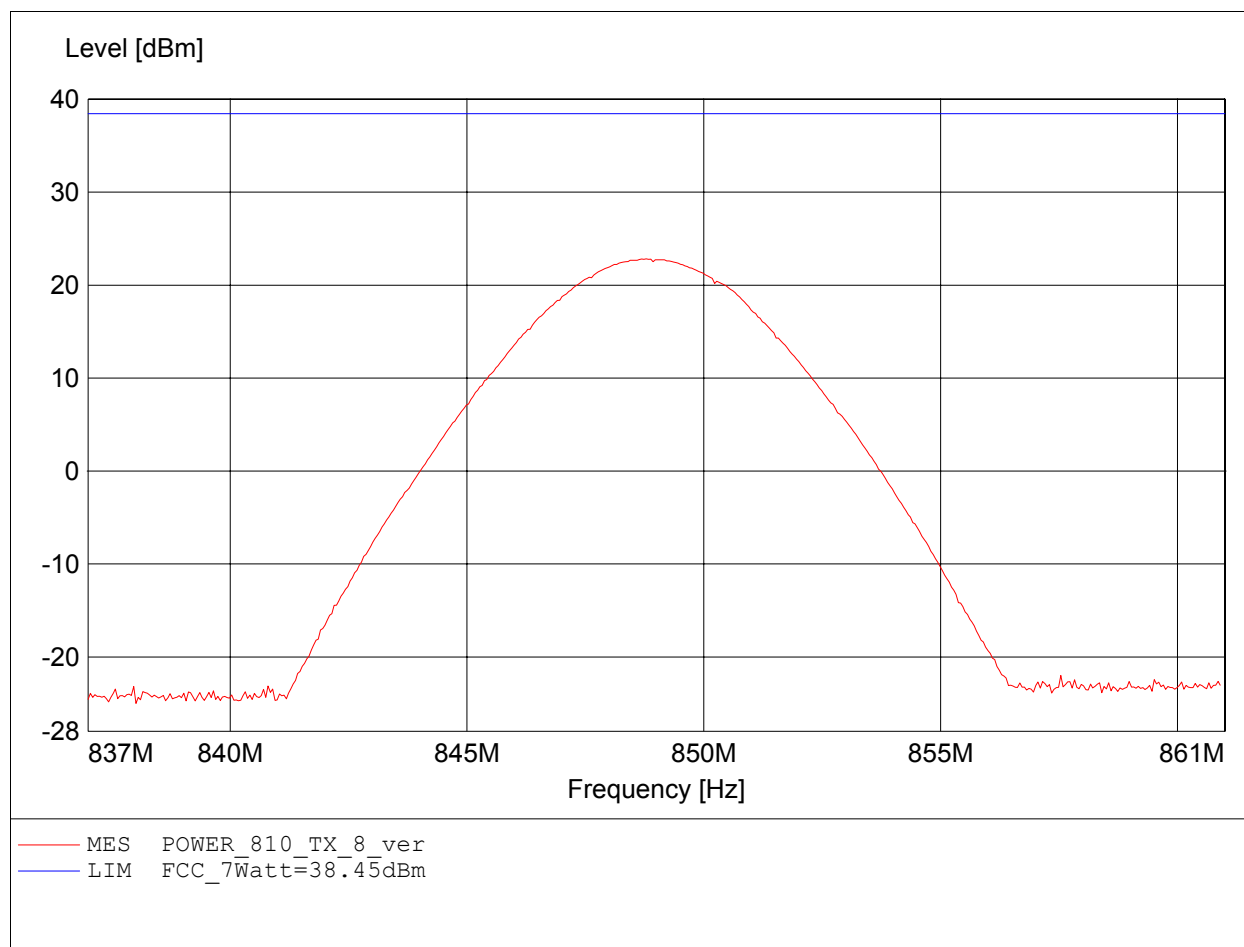
Effective Radiated Power
FCC RULES PART 22 SUBPART H

Approval Holder: Hughes Telematics, Inc. / GOM-1105-1155
EUT / Model: Telematics Unit / AT-100
EDGE 850 / CH: 251 / 2xSlot / Pmax / vertical
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Conditions 1: Tnom.: 24°C / Unom: 13.5 VDC (car power)
Test Conditions 2: Freq. / CH: 810
Comment 1: Dist.: 3m, Ant.: HL223
Comment 2: Freq: 848.784MHz, Pmax: 27.40dBm, RBW: 3MHz



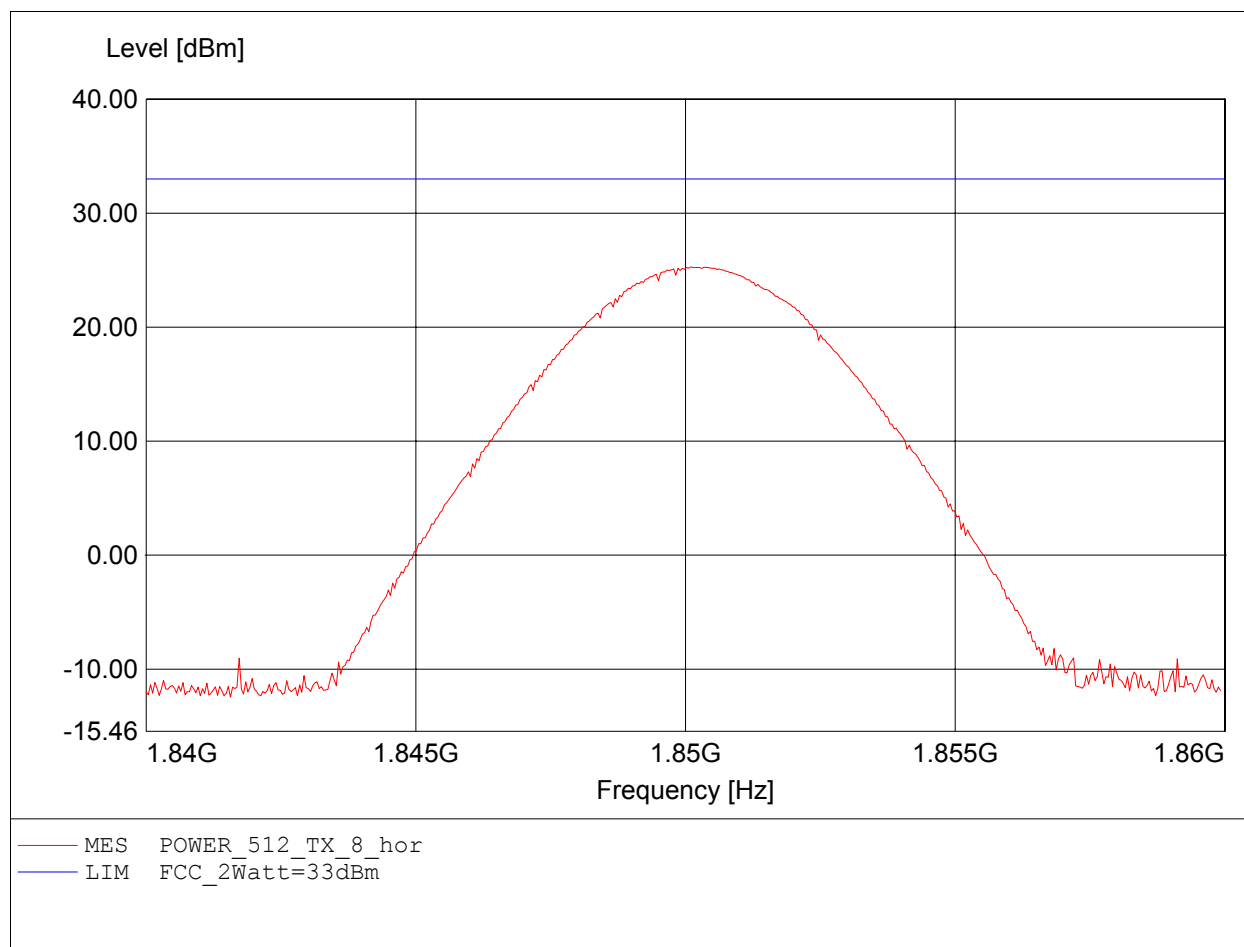
Effective Radiated Power
FCC RULES PART 22 SUBPART H

Approval Holder: Hughes Telematics, Inc. / GOM-1105-1155
EUT / Model: Telematics Unit / AT-100
EDGE 850 / CH: 251 / 2xSlot / Pmax / vertical
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Conditions 1: Tnom.: 24°C / Unom: 13.5 VDC (car power)
Test Conditions 2: Freq. / CH: 810
Comment 1: Dist.: 3m, Ant.: HL223
Comment 2: Freq: 848.784MHz, Pmax: 22.83dBm, RBW: 3MHz



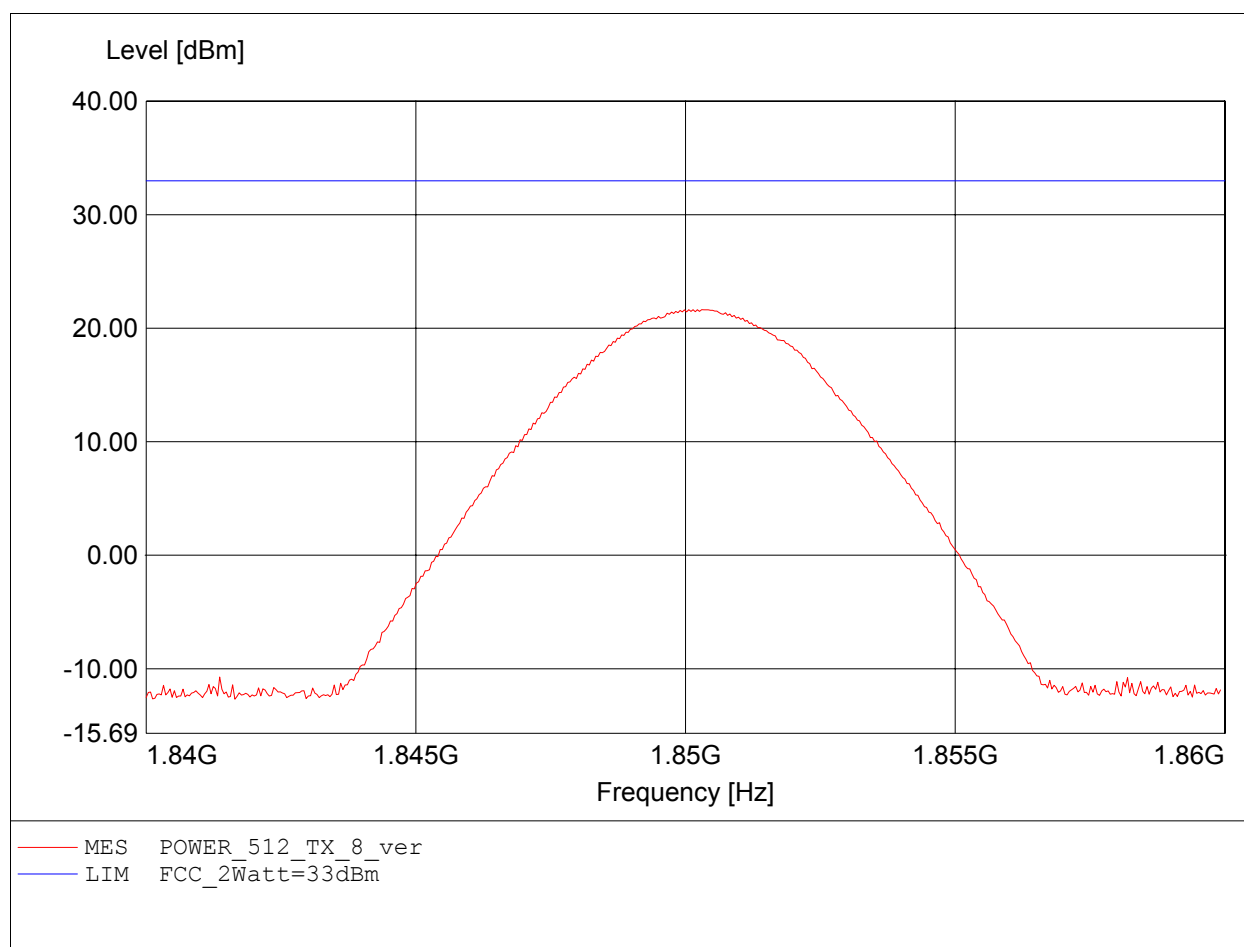
Equivalent Isotropically Radiated Power
FCC RULES PART 24 SUBPART E

Approval Holder: Hughes Telematics, Inc. / GOM-1105-1155
EUT / Model: Telematics Unit / AT-100
GPRS 1900 / CH: 512 / 2xSlot / Pmax / vertical
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Conditions 1: Tnom.: 24°C / Unom: 13.5 VDC (car power)
Test Conditions 2: Freq. / CH: 512
Comment 1: Dist.: 3m, Ant.: HL025,PCL 0
Comment 2: Freq: 1.850GHz, Pmax: 25.29dBm, RBW: 3MHz



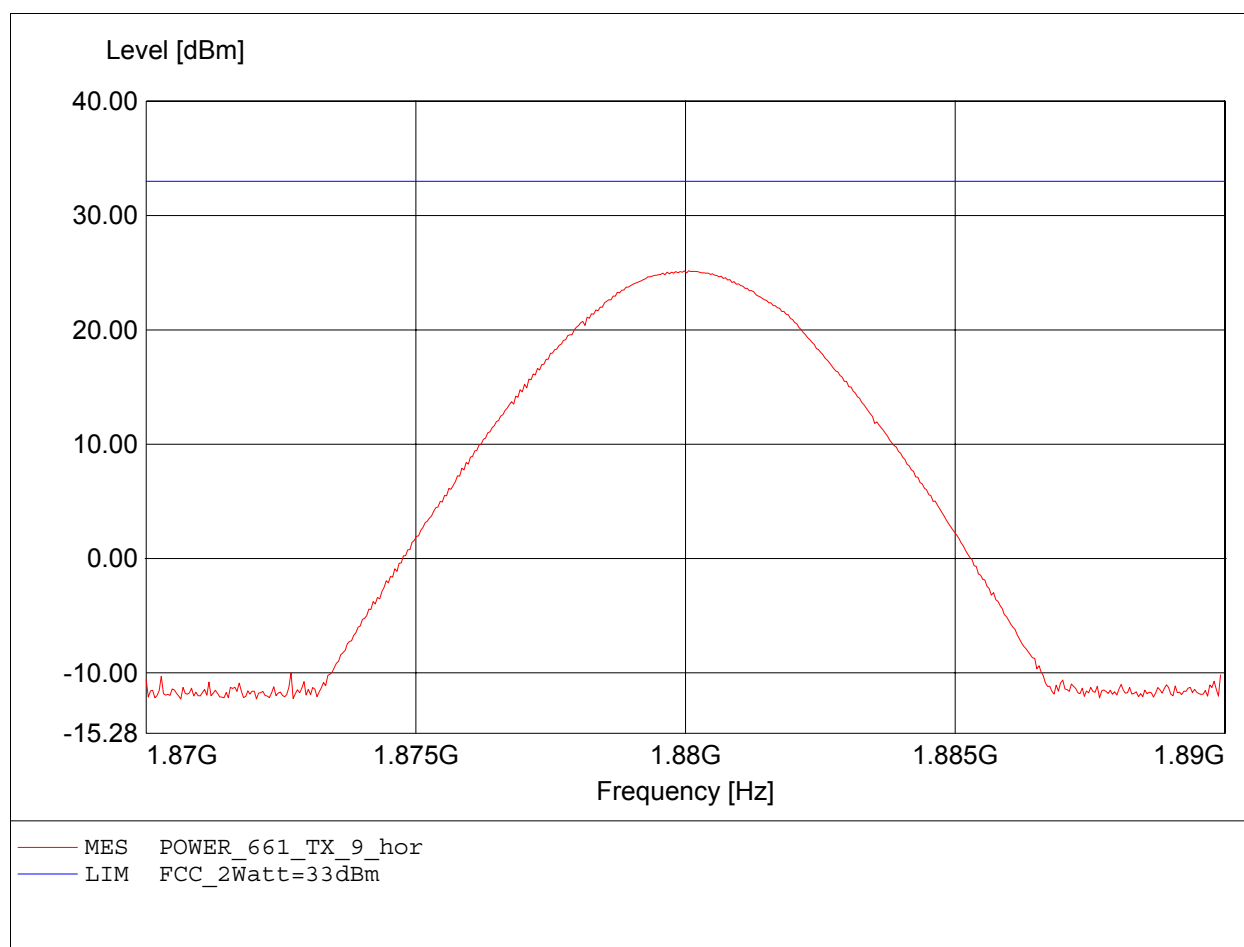
Equivalent Isotropically Radiated Power
FCC RULES PART 24 SUBPART E

Approval Holder: Hughes Telematics, Inc. / GOM-1105-1155
EUT / Model: Telematics Unit / AT-100
GPRS 1900 / CH: 512 / 2xSlot / Pmax / vertical
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Conditions 1: Tnom.: 24°C / Unom: 13.5 VDC (car power)
Test Conditions 2: Freq. / CH: 512
Comment 1: Dist.: 3m, Ant.: HL025,PCL 0
Comment 2: Freq: 1.850GHz, Pmax: 21.64dBm, RBW: 3MHz



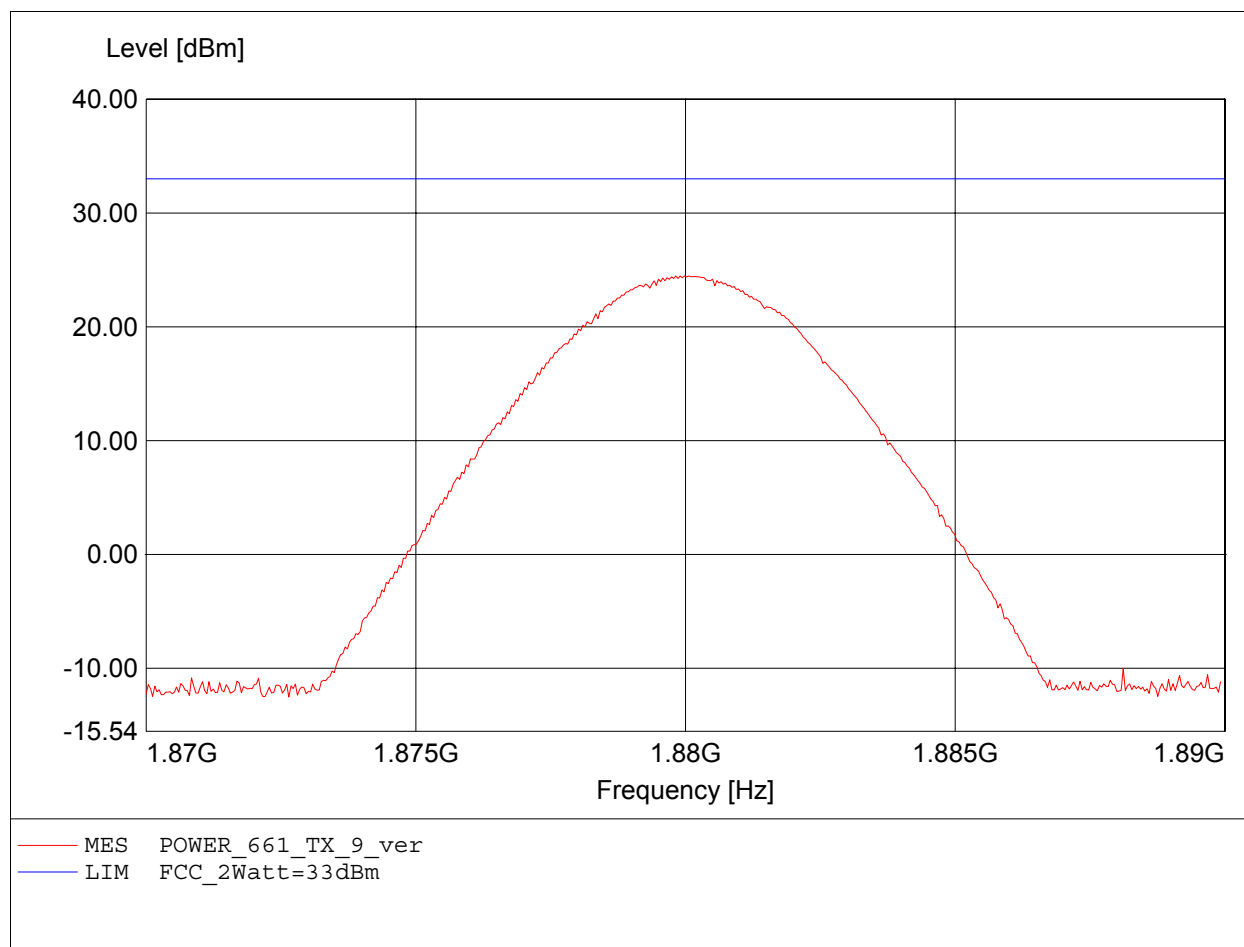
Equivalent Isotropically Radiated Power
FCC RULES PART 24 SUBPART E

Approval Holder: Hughes Telematics, Inc. / GOM-1105-1155
EUT / Model: Telematics Unit / AT-100
GPRS 1900 / CH: 661 / 2xSlot / Pmax / vertical
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Conditions 1: Tnom.: 24°C / Unom: 13.5 VDC (car power)
Test Conditions 2: Freq. / CH: 661
Comment 1: Dist.: 3m, Ant.: HL025,PCL 0
Comment 2: Freq: 1.880GHz, Pmax: 25.18dBm, RBW: 3MHz



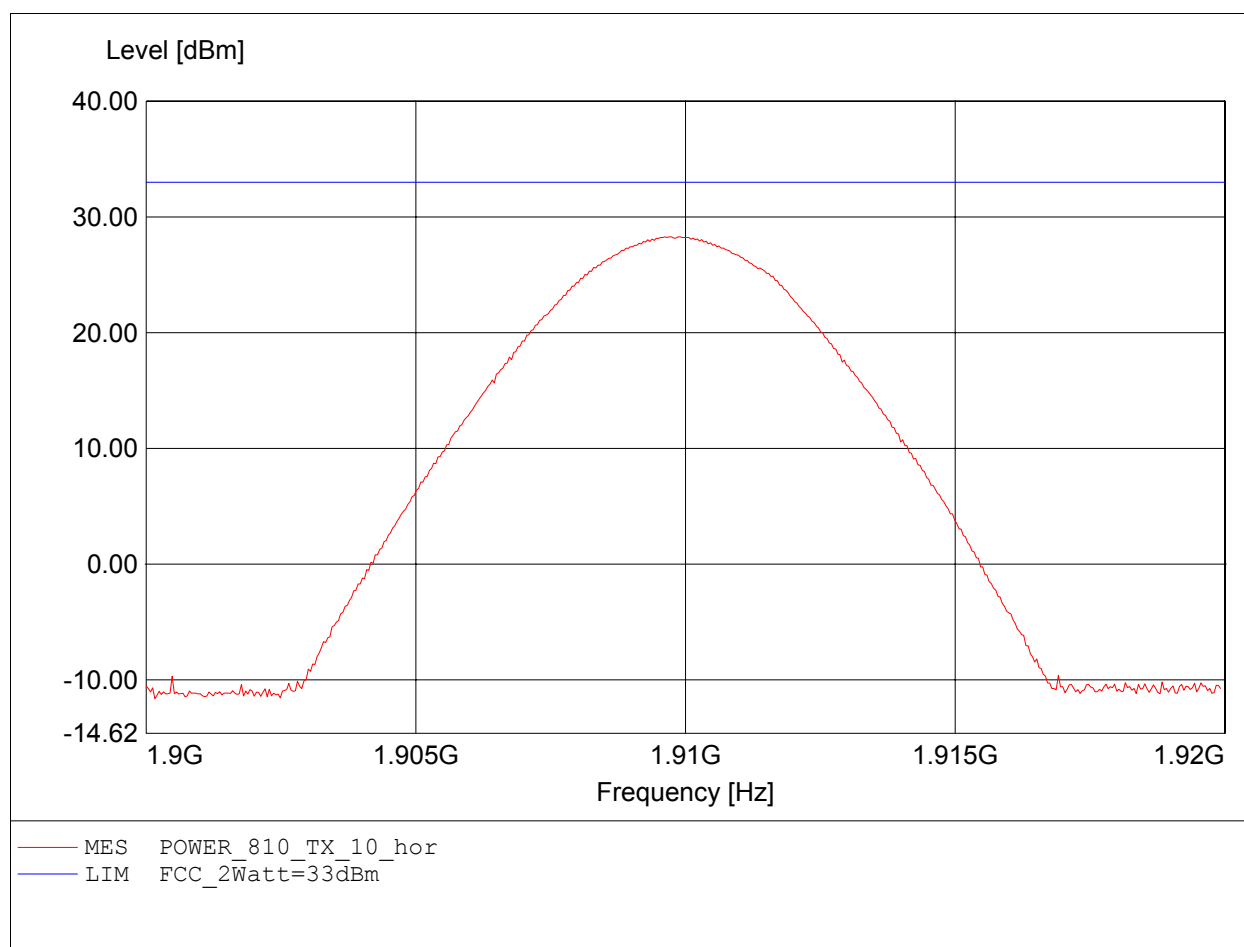
Equivalent Isotropically Radiated Power
FCC RULES PART 24 SUBPART E

Approval Holder: Hughes Telematics, Inc. / GOM-1105-1155
EUT / Model: Telematics Unit / AT-100
GPRS 1900 / CH: 661 / 2xSlot / Pmax / vertical
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Conditions 1: Tnom.: 24°C / Unom: 13.5 VDC (car power)
Test Conditions 2: Freq. / CH: 661
Comment 1: Dist.: 3m, Ant.: HL025,PCL 0
Comment 2: Freq: 1.880GHz, Pmax: 24.47dBm, RBW: 3MHz



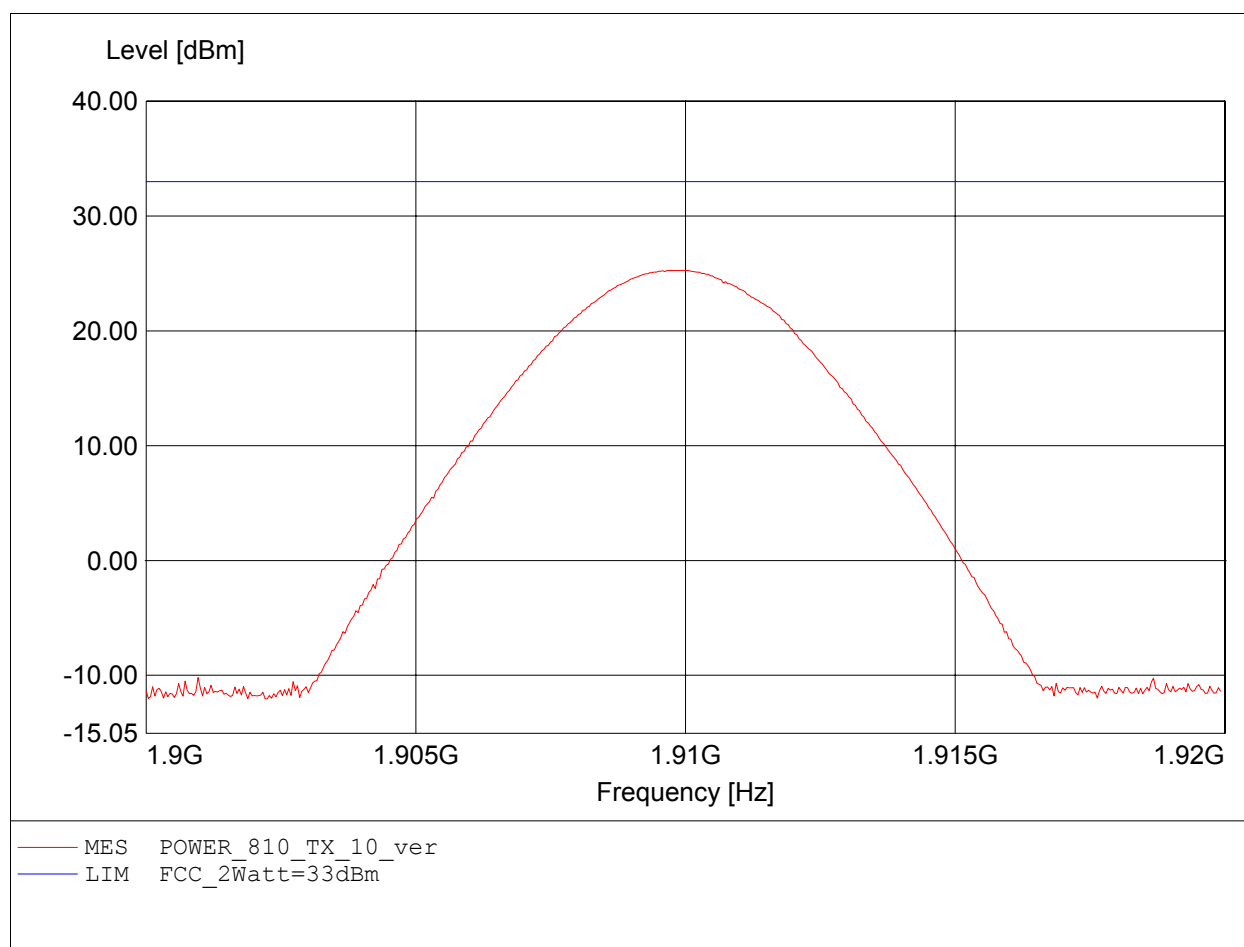
Equivalent Isotropically Radiated Power
FCC RULES PART 24 SUBPART E

Approval Holder: Hughes Telematics, Inc. / GOM-1105-1155
EUT / Model: Telematics Unit / AT-100
GPRS 1900 / CH: 810 / 2xSlot / Pmax / vertical
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Conditions 1: Tnom.: 24°C / Unom: 13.5 VDC (car power)
Test Conditions 2: Freq. / CH: 810
Comment 1: Dist.: 3m, Ant.: HL025,PCL 0
Comment 2: Freq: 1.910GHz, Pmax: 28.28dBm, RBW: 3MHz



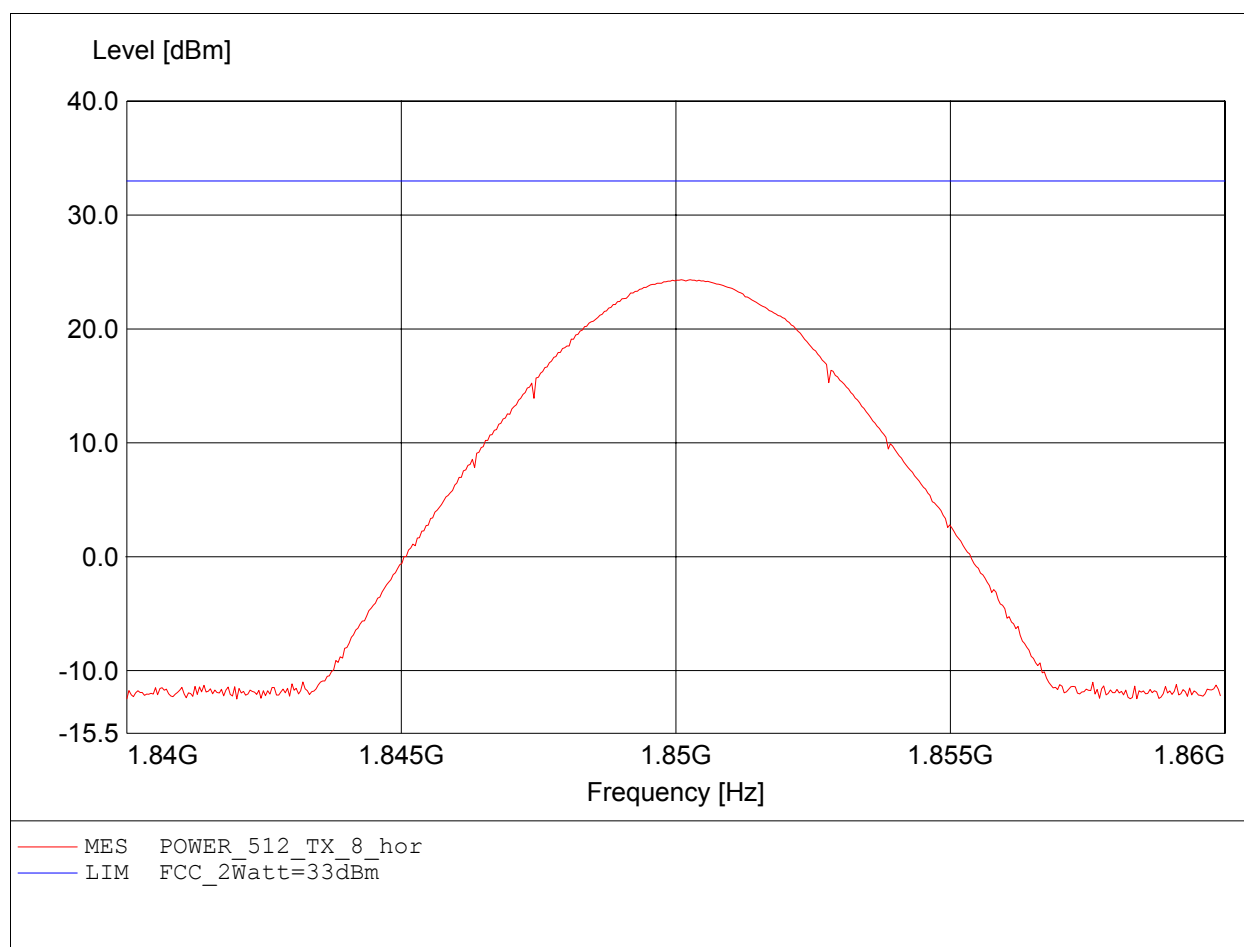
Equivalent Isotropically Radiated Power
FCC RULES PART 24 SUBPART E

Approval Holder: Hughes Telematics, Inc. / GOM-1105-1155
EUT / Model: Telematics Unit / AT-100
GPRS 1900 / CH: 810 / 2xSlot / Pmax / vertical
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Conditions 1: Tnom.: 24°C / Unom: 13.5 VDC (car power)
Test Conditions 2: Freq. / CH: 810
Comment 1: Dist.: 3m, Ant.: HL025,PCL 0
Comment 2: Freq: 1.910GHz, Pmax: 25.27dBm, RBW: 3MHz



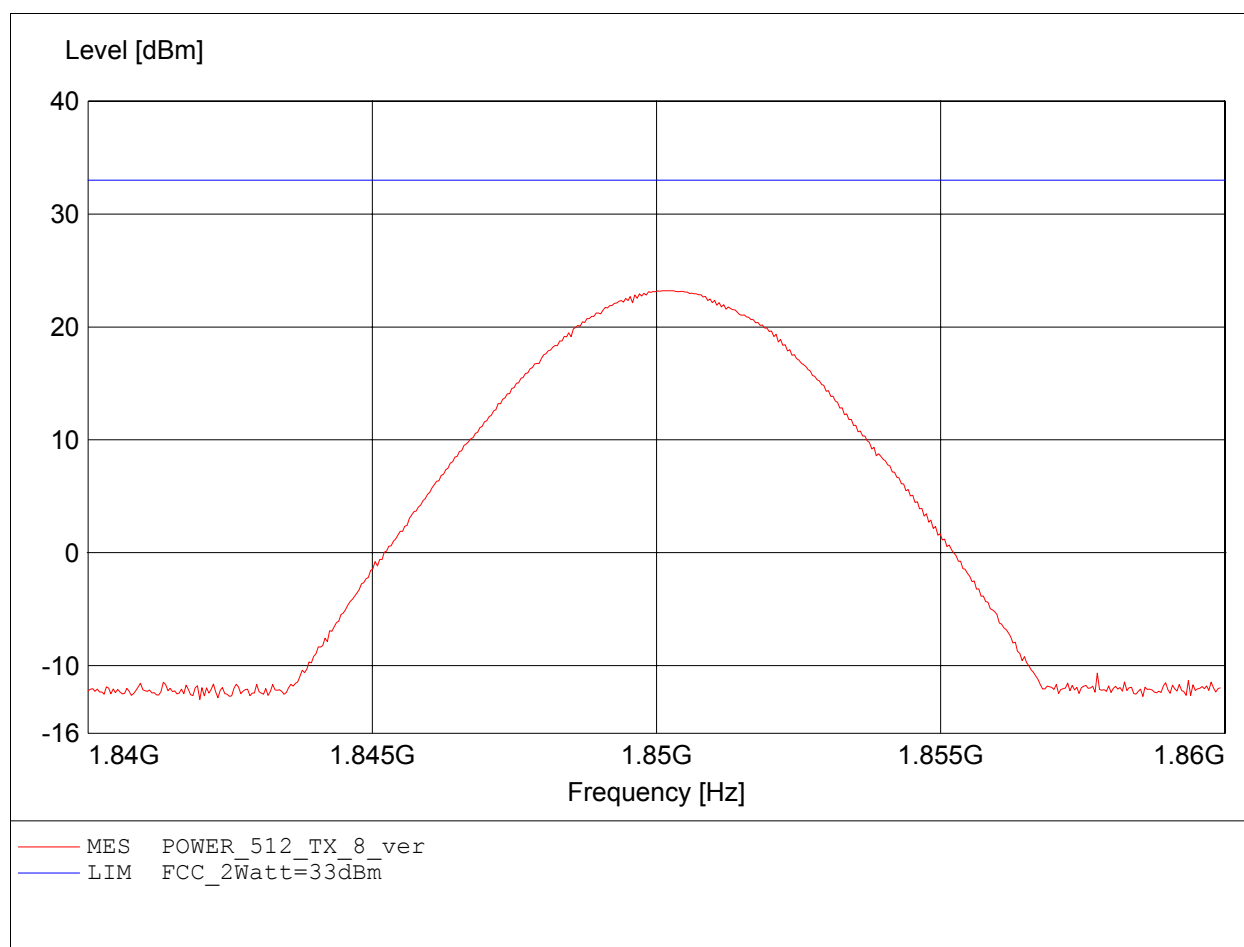
Equivalent Isotropically Radiated Power
FCC RULES PART 24 SUBPART E

Approval Holder: Hughes Telematics, Inc. / GOM-1105-1155
EUT / Model: Telematics Unit / AT-100
EDGE 1900 / CH: 512 / 2xSlot / Pmax / vertical
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Conditions 1: Tnom.: 24°C / Unom: 13.5 VDC (car power)
Test Conditions 2: Freq. / CH: 512
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 1.850GHz, Pmax: 24.33dBm, RBW: 3MHz



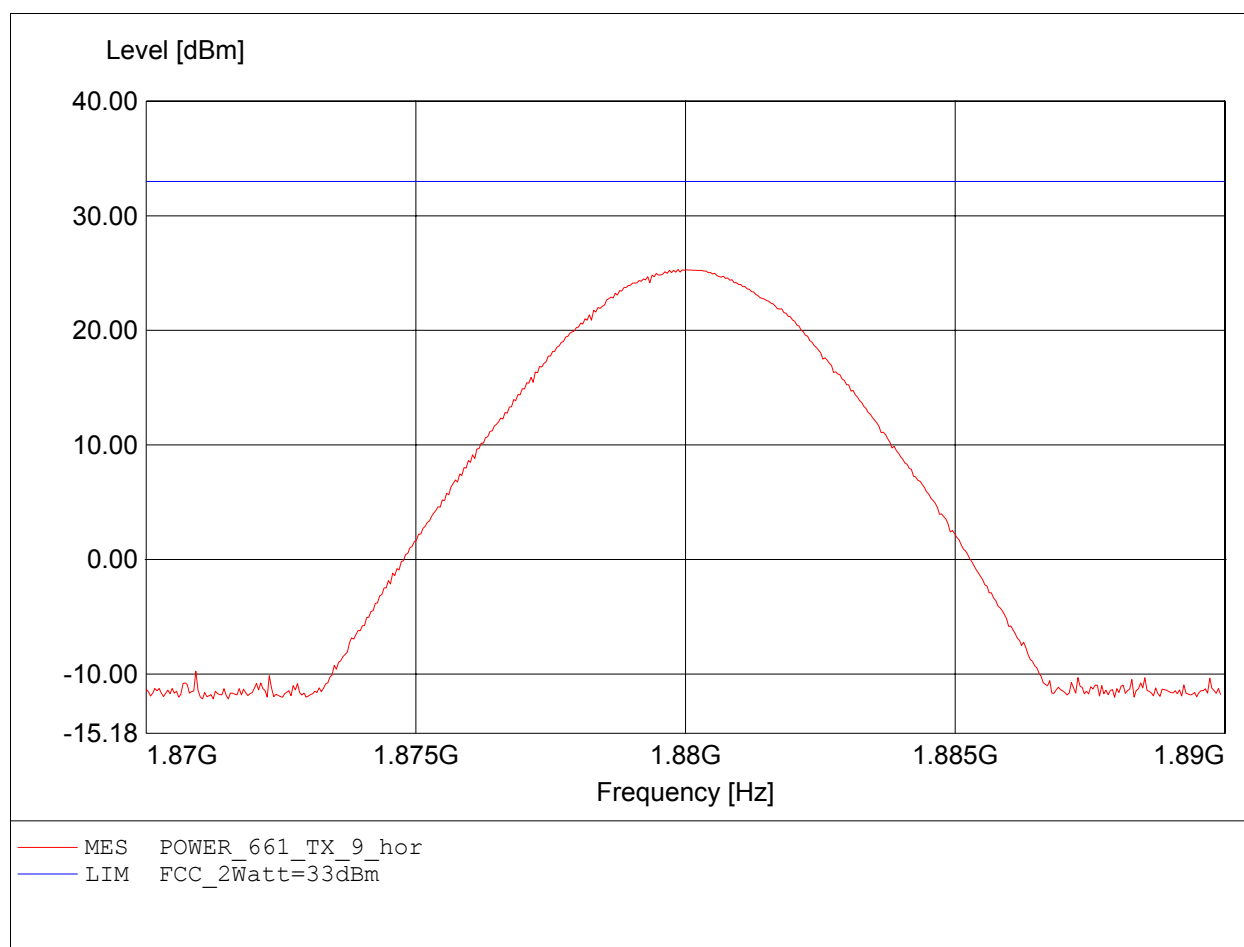
Equivalent Isotropically Radiated Power
FCC RULES PART 24 SUBPART E

Approval Holder: Hughes Telematics, Inc. / GOM-1105-1155
EUT / Model: Telematics Unit / AT-100
EDGE 1900 / CH: 512 / 2xSlot / Pmax / vertical
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Conditions 1: Tnom.: 24°C / Unom: 13.5 VDC (car power)
Test Conditions 2: Freq. / CH: 512
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 1.850GHz, Pmax: 23.21dBm, RBW: 3MHz



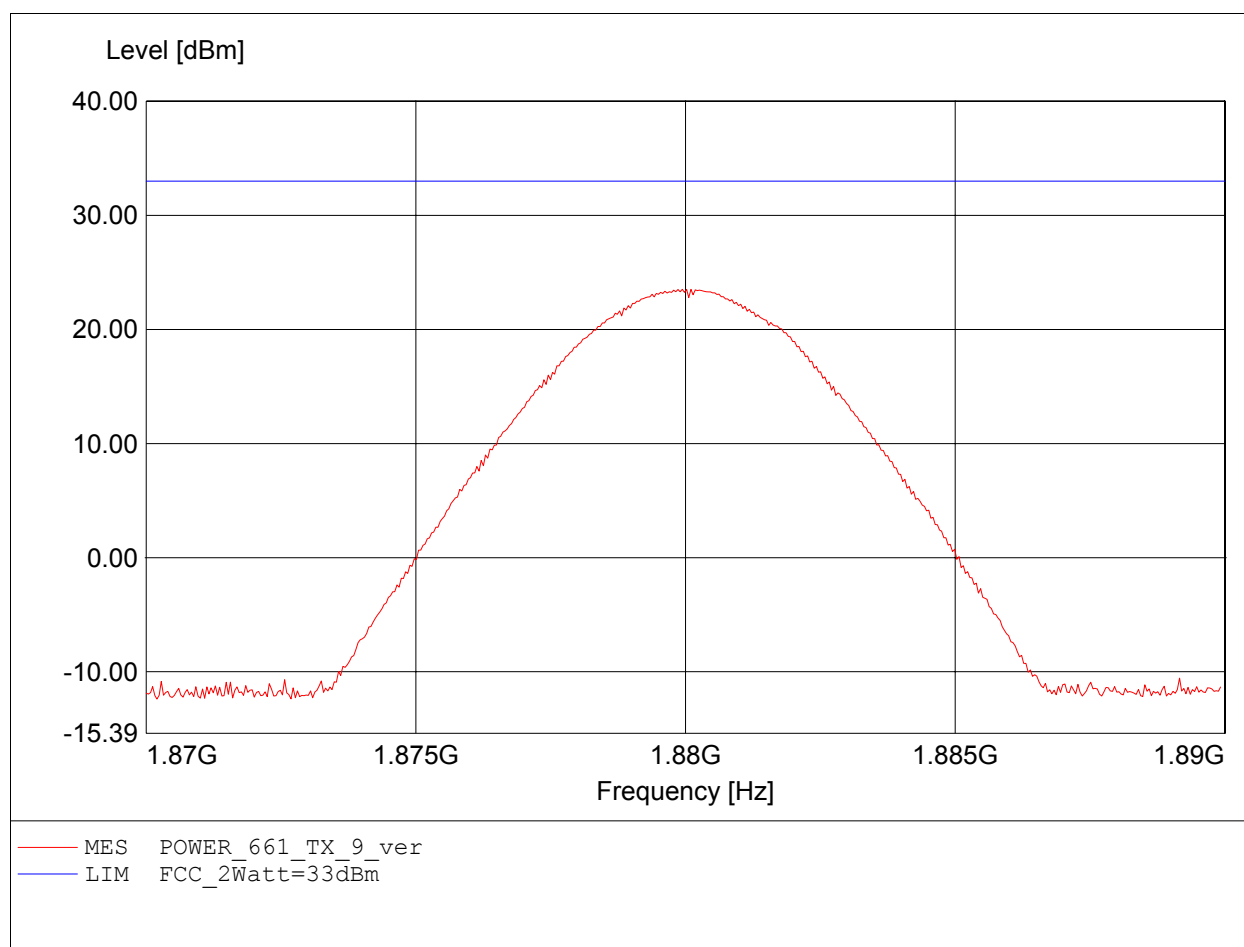
Equivalent Isotropically Radiated Power
FCC RULES PART 24 SUBPART E

Approval Holder: Hughes Telematics, Inc. / GOM-1105-1155
EUT / Model: Telematics Unit / AT-100
EDGE 1900 / CH: 661 / 2xSlot / Pmax / vertical
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Conditions 1: Tnom.: 24°C / Unom: 13.5 VDC (car power)
Test Conditions 2: Freq. / CH: 661
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 1.880GHz, Pmax: 25.31dBm, RBW: 3MHz



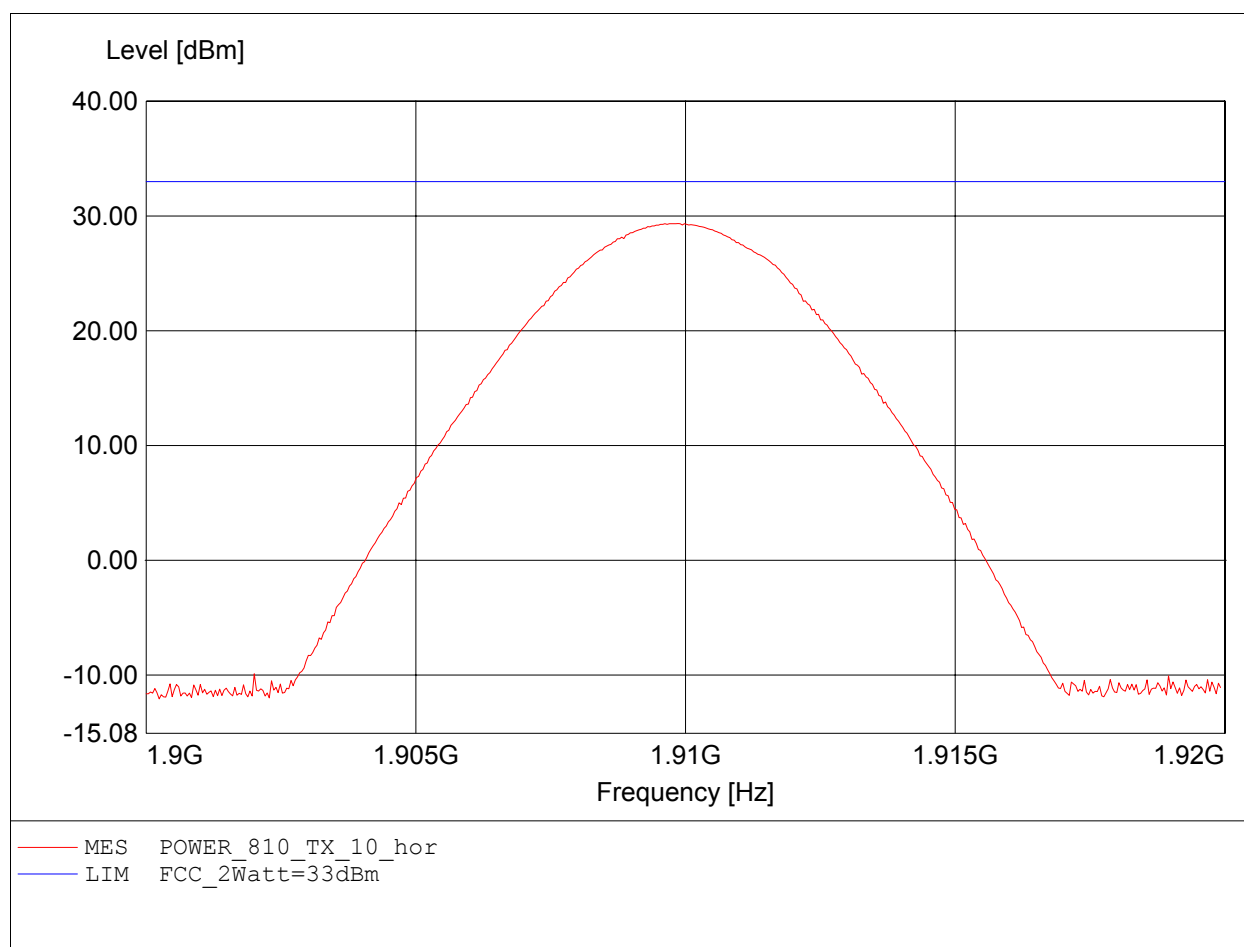
Equivalent Isotropically Radiated Power
FCC RULES PART 24 SUBPART E

Approval Holder: Hughes Telematics, Inc. / GOM-1105-1155
EUT / Model: Telematics Unit / AT-100
EDGE 1900 / CH: 512 / 2xSlot / Pmax / vertical
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Conditions 1: Tnom.: 24°C / Unom: 13.5 VDC (car power)
Test Conditions 2: Freq. / CH: 661
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 1.880GHz, Pmax: 23.53dBm, RBW: 3MHz



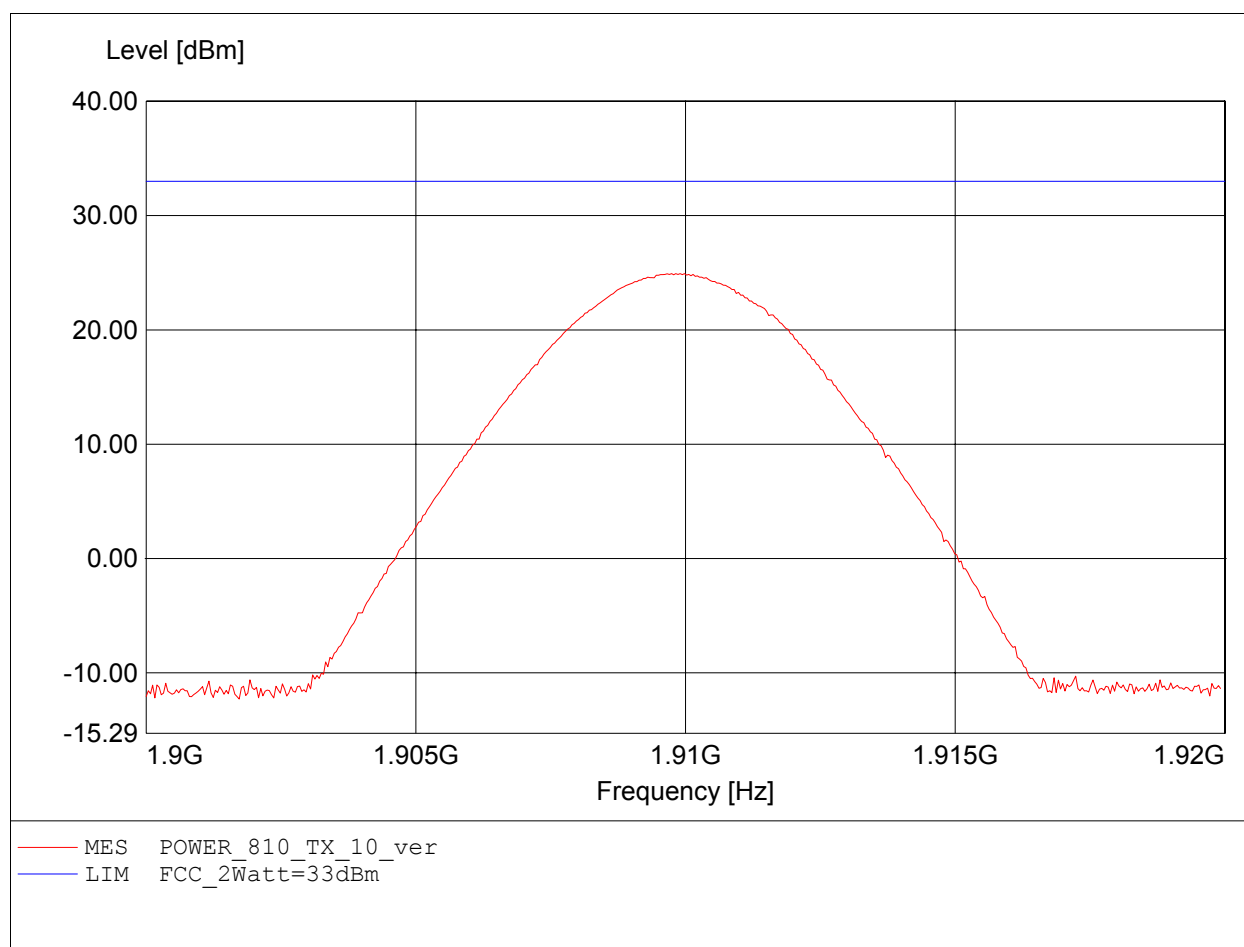
Equivalent Isotropically Radiated Power
FCC RULES PART 24 SUBPART E

Approval Holder: Hughes Telematics, Inc. / GOM-1105-1155
EUT / Model: Telematics Unit / AT-100
EDGE 1900 / CH: 810 / 2xSlot / Pmax / vertical
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Conditions 1: Tnom.: 24°C / Unom: 13.5 VDC (car power)
Test Conditions 2: Freq. / CH: 810
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 1.910GHz, Pmax: 29.35dBm, RBW: 3MHz



Equivalent Isotropically Radiated Power
FCC RULES PART 24 SUBPART E

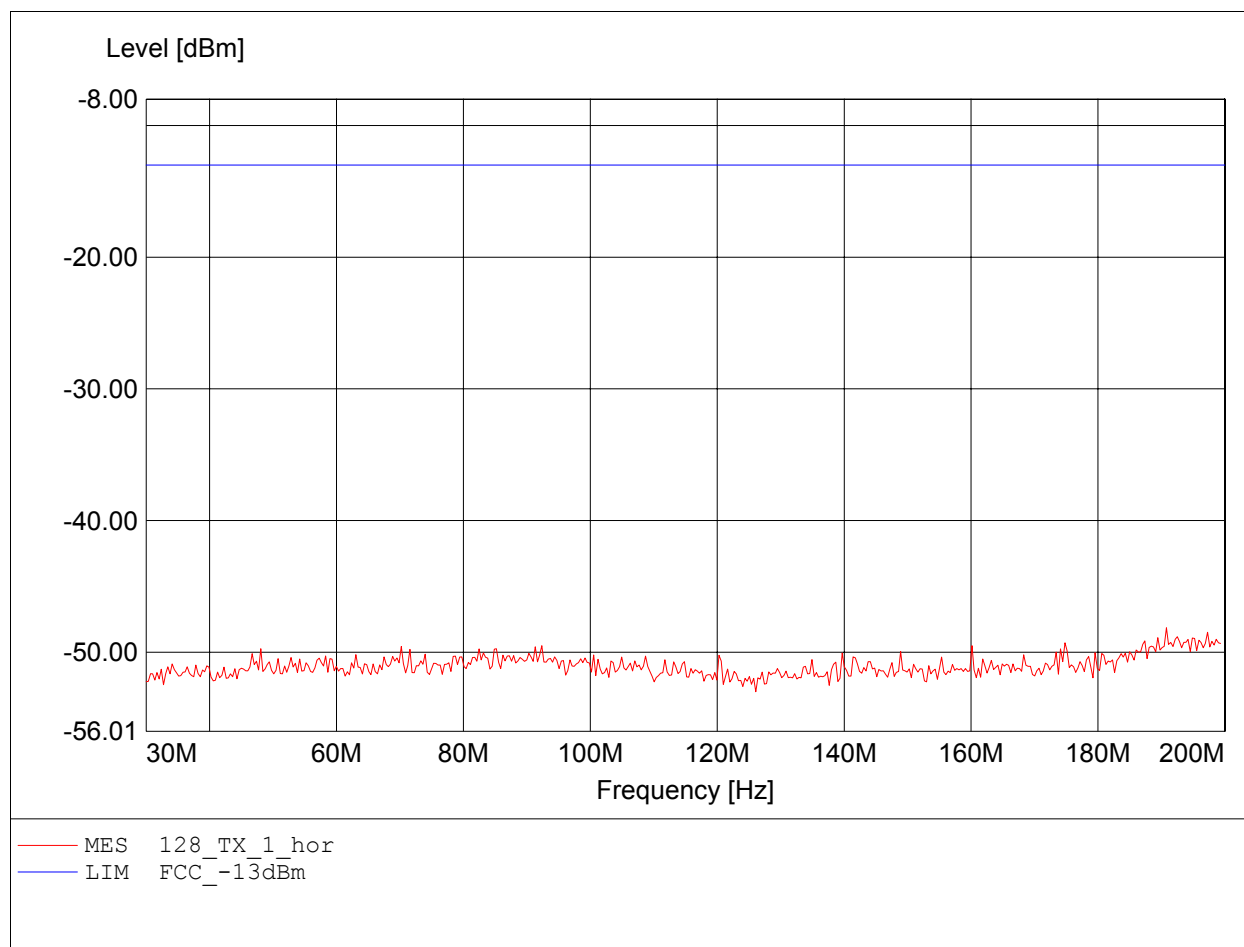
Approval Holder: Hughes Telematics, Inc. / GOM-1105-1155
EUT / Model: Telematics Unit / AT-100
EDGE 1900 / CH: 810 / 2xSlot / Pmax / vertical
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Conditions 1: Tnom.: 24°C / Unom: 13.5 VDC (car power)
Test Conditions 2: Freq. / CH: 810
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 1.910GHz, Pmax: 24.93dBm, RBW: 3MHz



Annex D Transmitter radiated out-of-band emissions

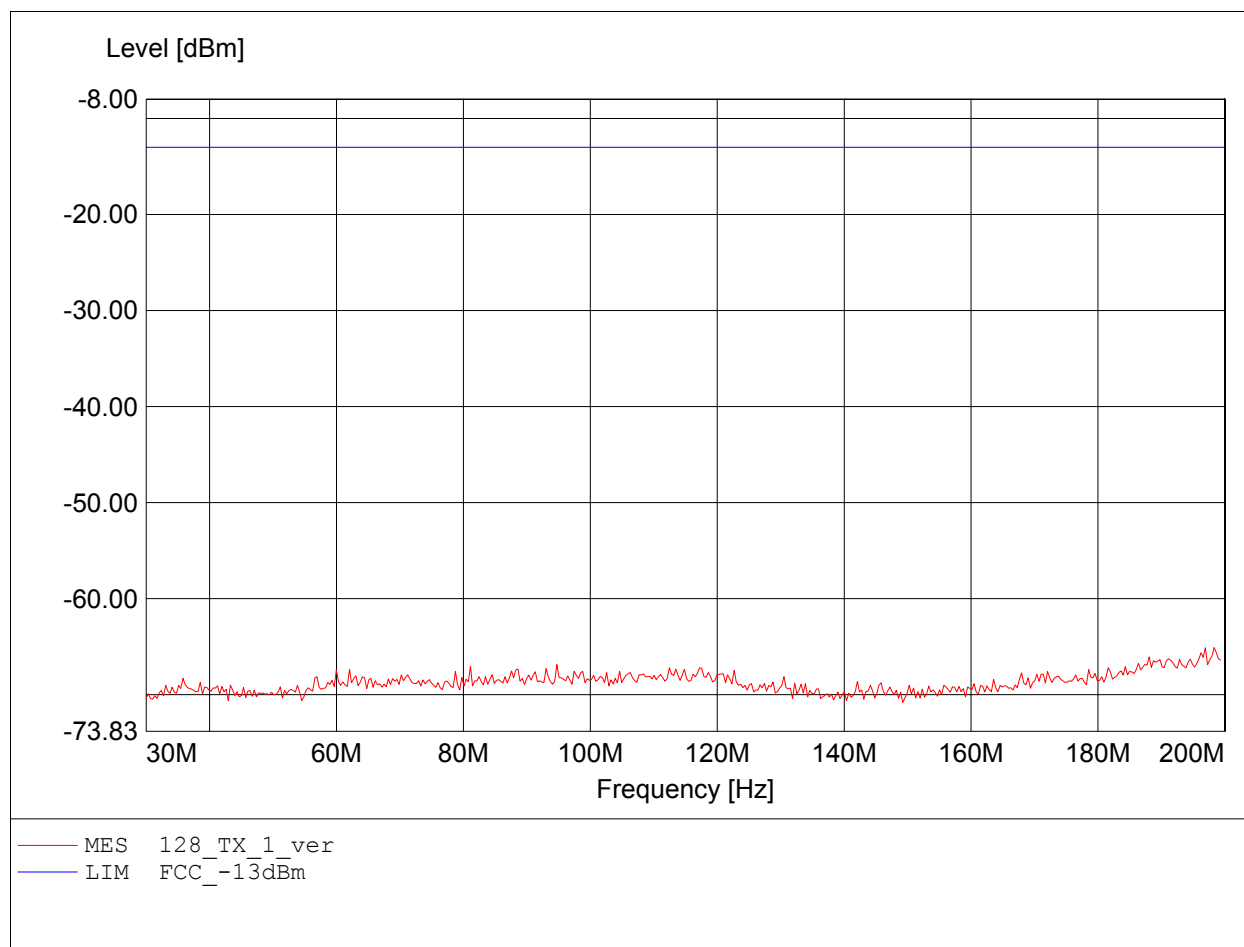
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: Hughes Telematics, Inc. / GOM-1105-1155
EUT / Model: Telematics Unit / AT-100
GPRS 850 / CH: 128 / 2xSlot / Pmax / vertical
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Conditions 1: Tnom.: 24°C / Unom: 13.5 VDC (car power)
Test Conditions 2: Freq. / CH: 128
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 190.802MHz, Pmax: -48.15dBm, RBW: 100kHz



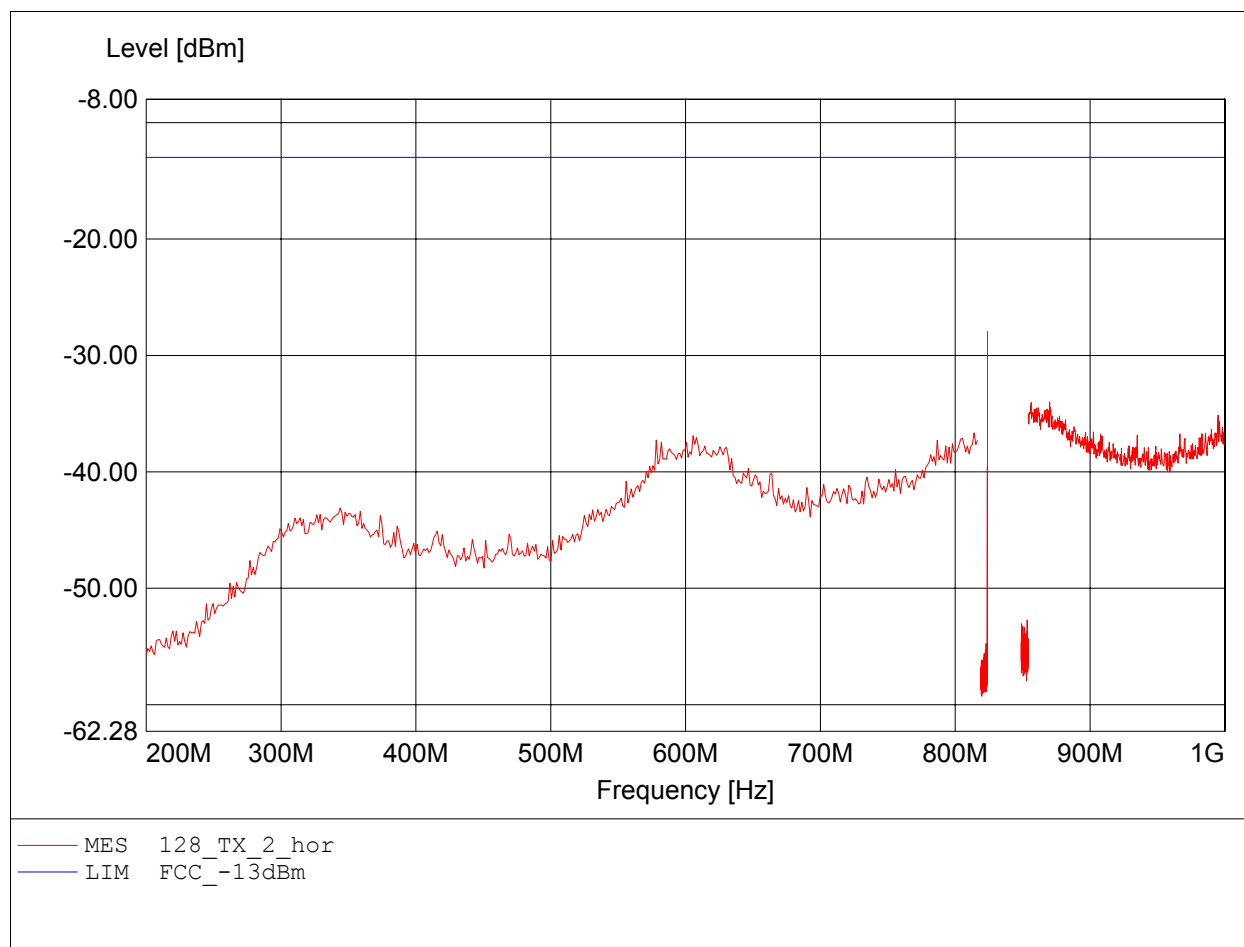
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: Hughes Telematics, Inc. / GOM-1105-1155
EUT / Model: Telematics Unit / AT-100
GPRS 850 / CH: 128 / 2xSlot / Pmax / vertical
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Conditions 1: Tnom.: 24°C / Unom: 13.5 VDC (car power)
Test Conditions 2: Freq. / CH: 128
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 198.297MHz, Pmax: -65.11dBm, RBW: 100kHz



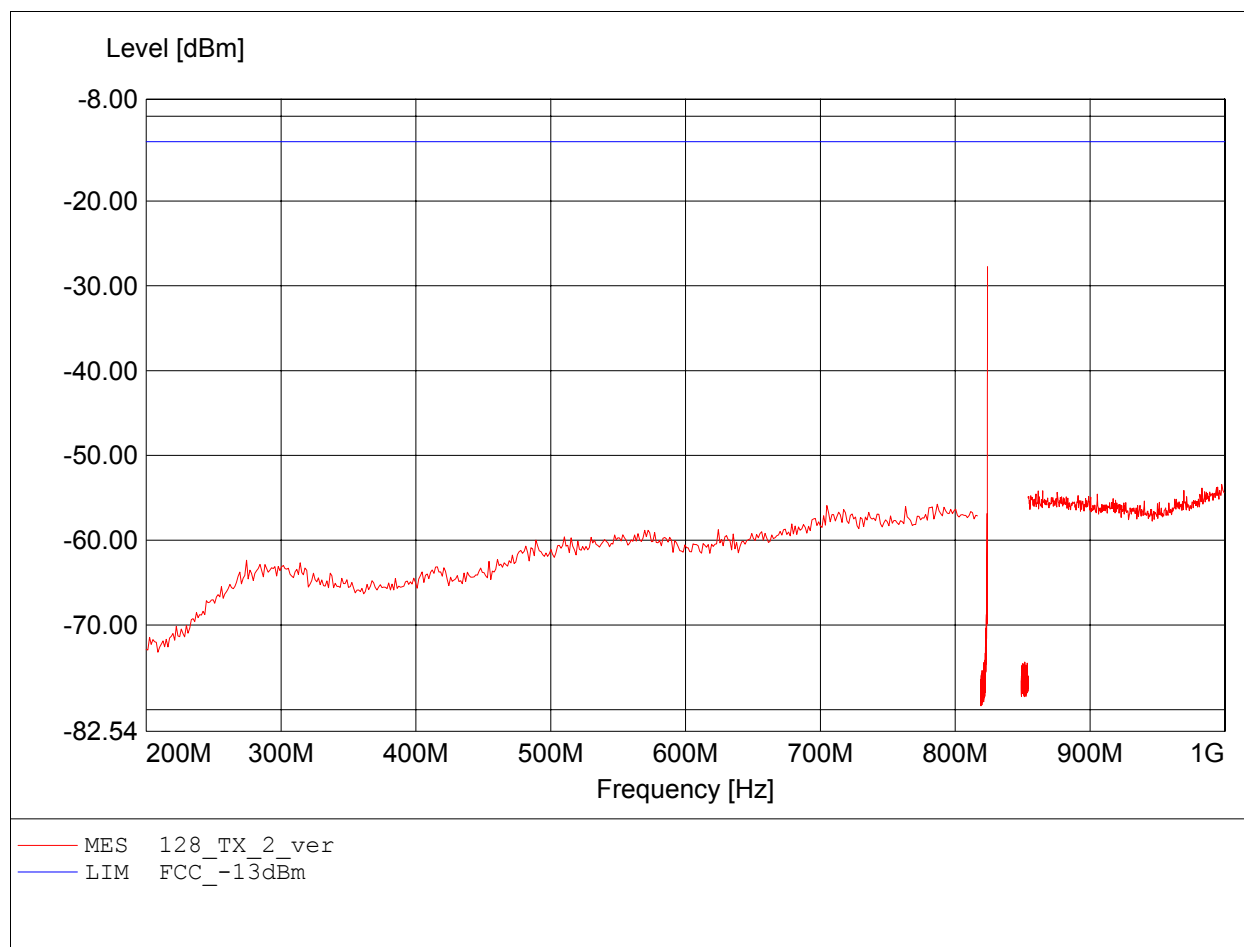
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: Hughes Telematics, Inc. / GOM-1105-1155
EUT / Model: Telematics Unit / AT-100
GPRS 850 / CH: 128 / 2xSlot / Pmax / vertical
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Conditions 1: Tnom.: 24°C / Unom: 13.5 VDC (car power)
Test Conditions 2: Freq. / CH: 128
Comment 1: Dist.: 3m, Ant.: HL 223+notch
Comment 2: Freq: 823.980MHz, Pmax: -27.95dBm, RBW: 100kHz



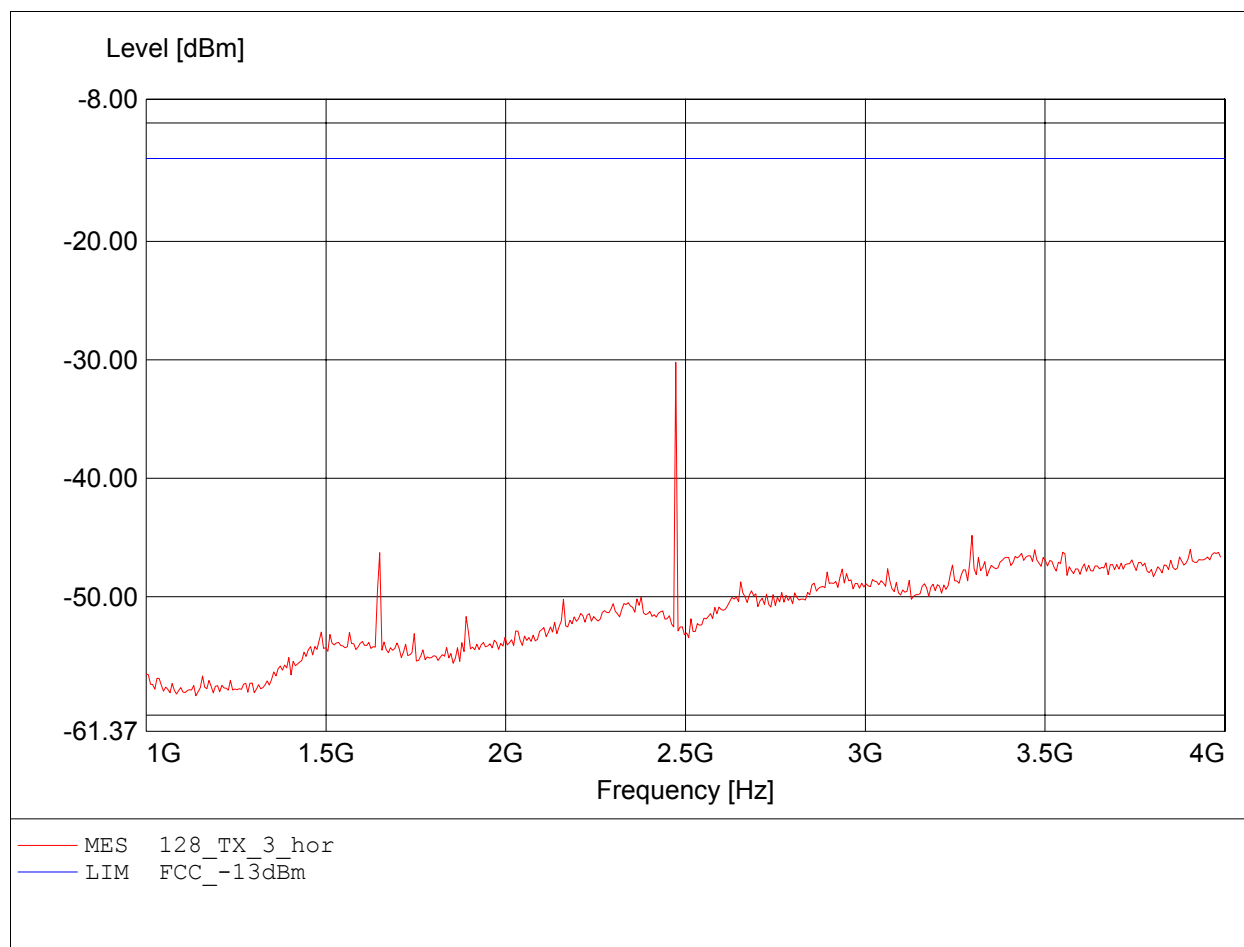
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: Hughes Telematics, Inc. / GOM-1105-1155
EUT / Model: Telematics Unit / AT-100
GPRS 850 / CH: 128 / 2xSlot / Pmax / vertical
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Conditions 1: Tnom.: 24°C / Unom: 13.5 VDC (car power)
Test Conditions 2: Freq. / CH: 128
Comment 1: Dist.: 3m, Ant.: HL 223+notch
Comment 2: Freq: 823.980MHz, Pmax: -27.72dBm, RBW: 100kHz



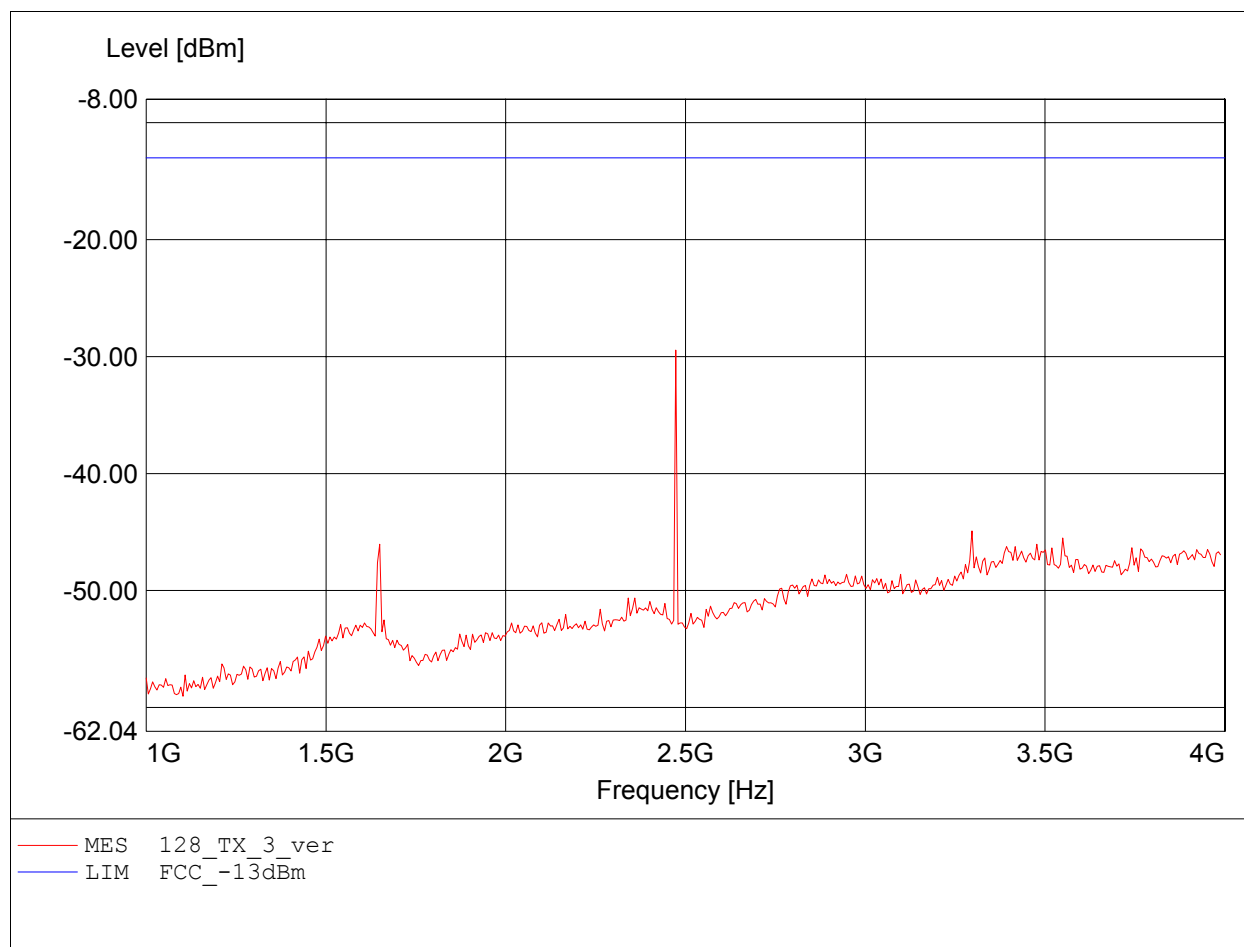
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: Hughes Telematics, Inc. / GOM-1105-1155
EUT / Model: Telematics Unit / AT-100
GPRS 850 / CH: 128 / 2xSlot / Pmax / vertical
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Conditions 1: Tnom.: 24°C / Unom: 13.5 VDC (car power)
Test Conditions 2: Freq. / CH: 128
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 2.473GHz, Pmax: -30.21dBm, RBW: 1MHz



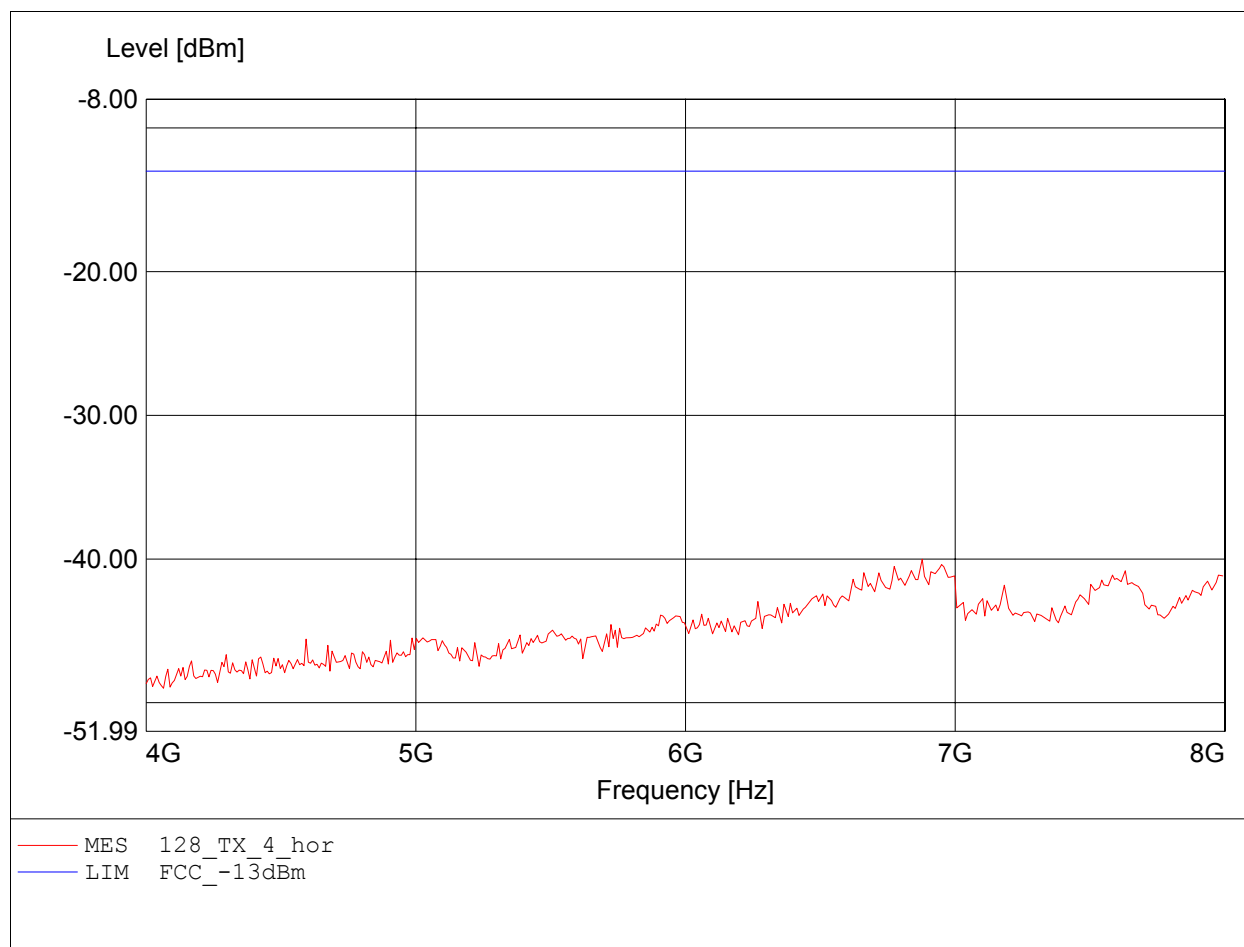
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: Hughes Telematics, Inc. / GOM-1105-1155
EUT / Model: Telematics Unit / AT-100
GPRS 850 / CH: 128 / 2xSlot / Pmax / vertical
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Conditions 1: Tnom.: 24°C / Unom: 13.5 VDC (car power)
Test Conditions 2: Freq. / CH: 128
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 2.473GHz, Pmax: -29.45dBm, RBW: 1MHz



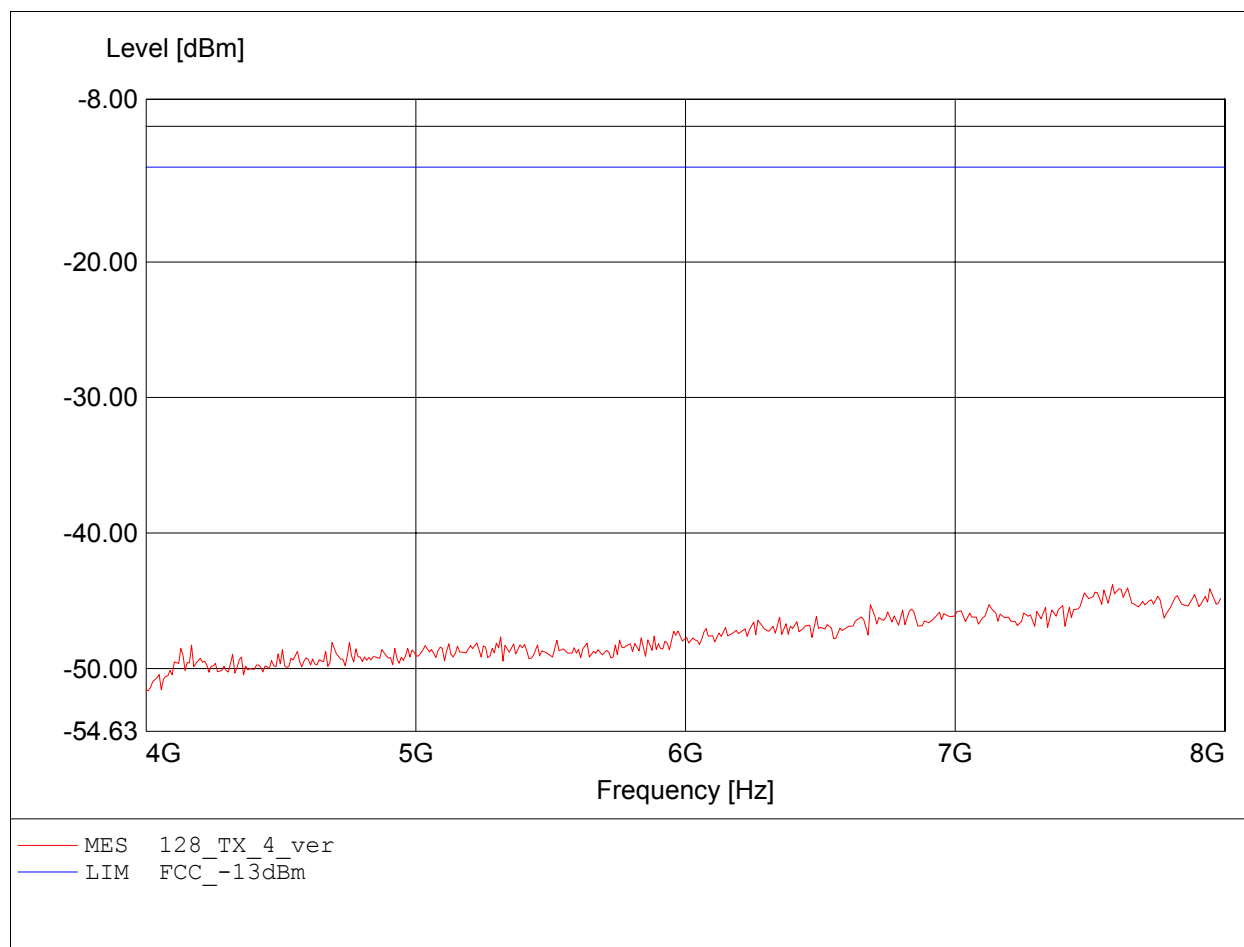
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: Hughes Telematics, Inc. / GOM-1105-1155
EUT / Model: Telematics Unit / AT-100
GPRS 850 / CH: 128 / 2xSlot / Pmax / vertical
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Conditions 1: Tnom.: 24°C / Unom: 13.5 VDC (car power)
Test Conditions 2: Freq. / CH: 128
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 6.878GHz, Pmax: -40.02dBm, RBW: 1MHz



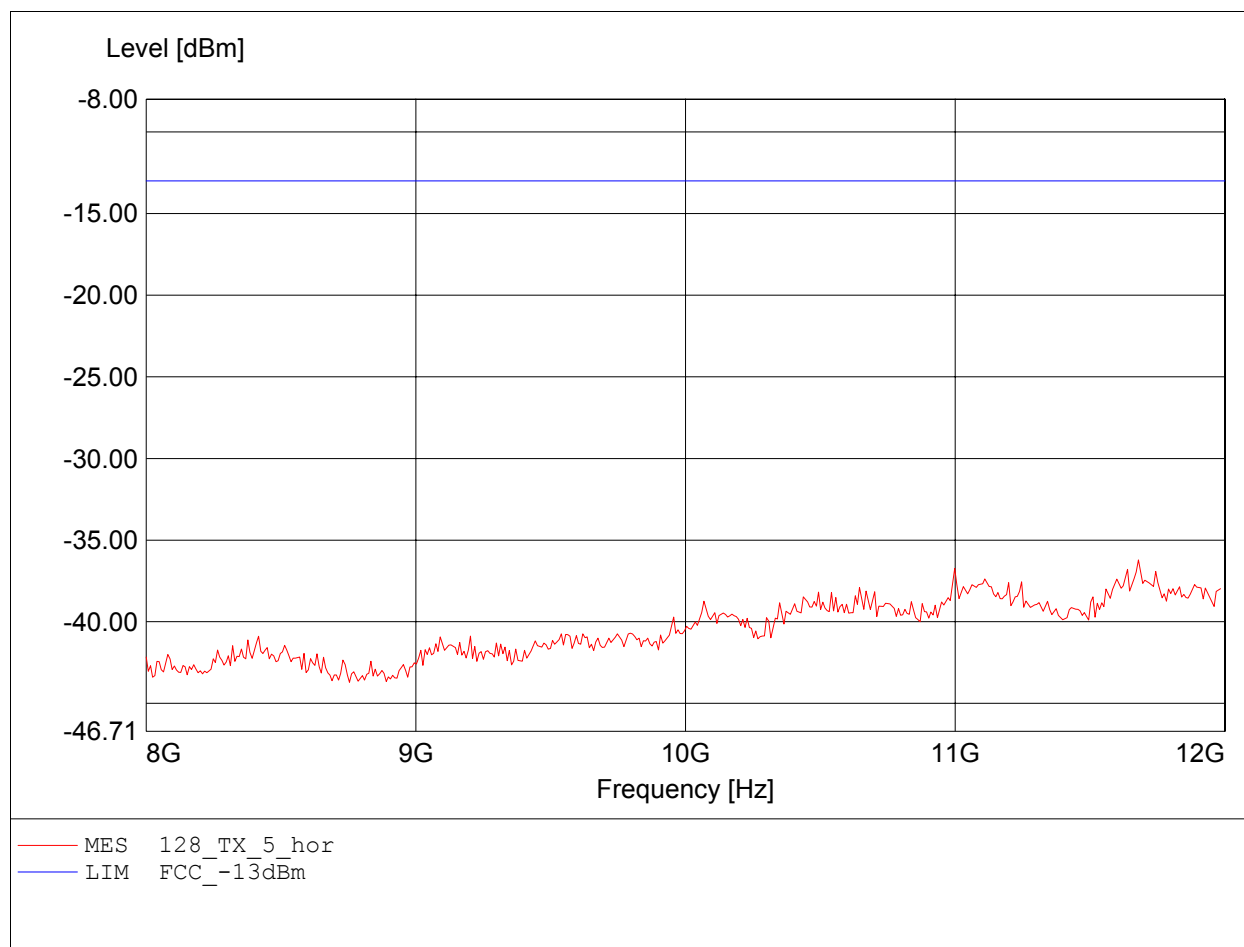
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: Hughes Telematics, Inc. / GOM-1105-1155
EUT / Model: Telematics Unit / AT-100
GPRS 850 / CH: 128 / 2xSlot / Pmax / vertical
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Conditions 1: Tnom.: 24°C / Unom: 13.5 VDC (car power)
Test Conditions 2: Freq. / CH: 128
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 7.583GHz, Pmax: -43.80dBm, RBW: 1MHz



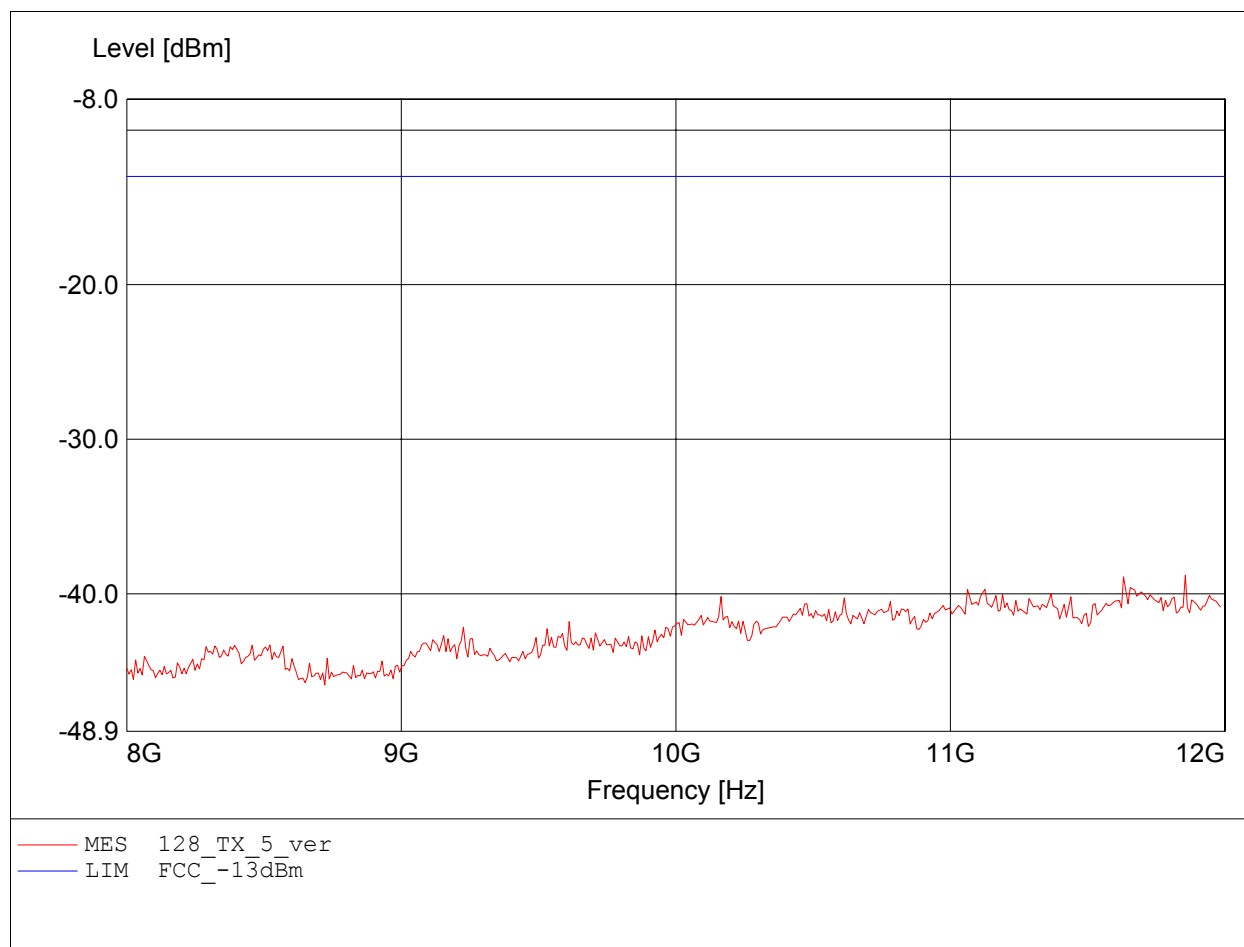
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: Hughes Telematics, Inc. / GOM-1105-1155
EUT / Model: Telematics Unit / AT-100
GPRS 850 / CH: 128 / 2xSlot / Pmax / vertical
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Conditions 1: Tnom.: 24°C / Unom: 13.5 VDC (car power)
Test Conditions 2: Freq. / CH: 128
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 11.679GHz, Pmax: -36.22dBm, RBW: 1MHz



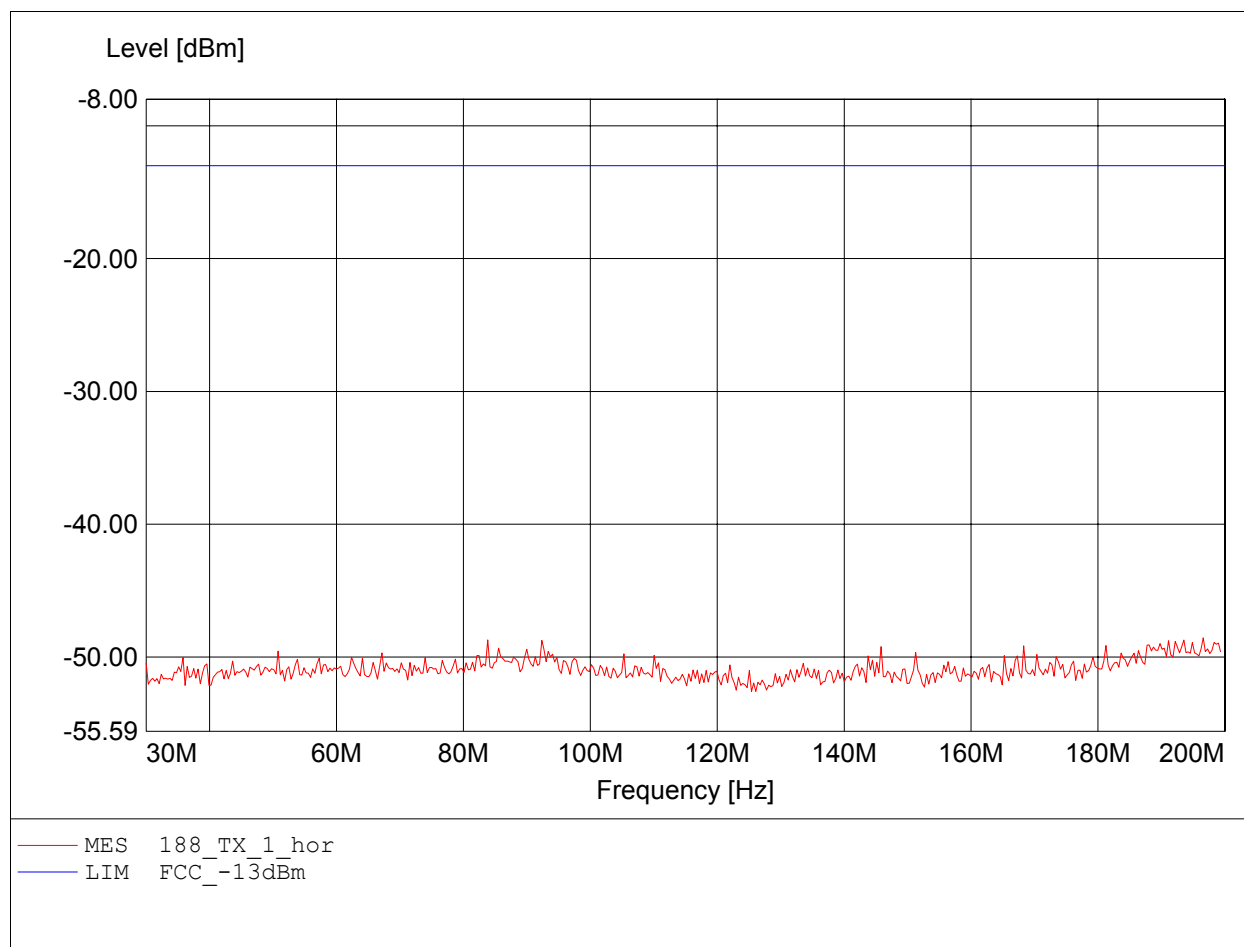
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: Hughes Telematics, Inc. / GOM-1105-1155
EUT / Model: Telematics Unit / AT-100
GPRS 850 / CH: 128 / 2xSlot / Pmax / vertical
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Conditions 1: Tnom.: 24°C / Unom: 13.5 VDC (car power)
Test Conditions 2: Freq. / CH: 128
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 11.856GHz, Pmax: -38.80dBm, RBW: 1MHz



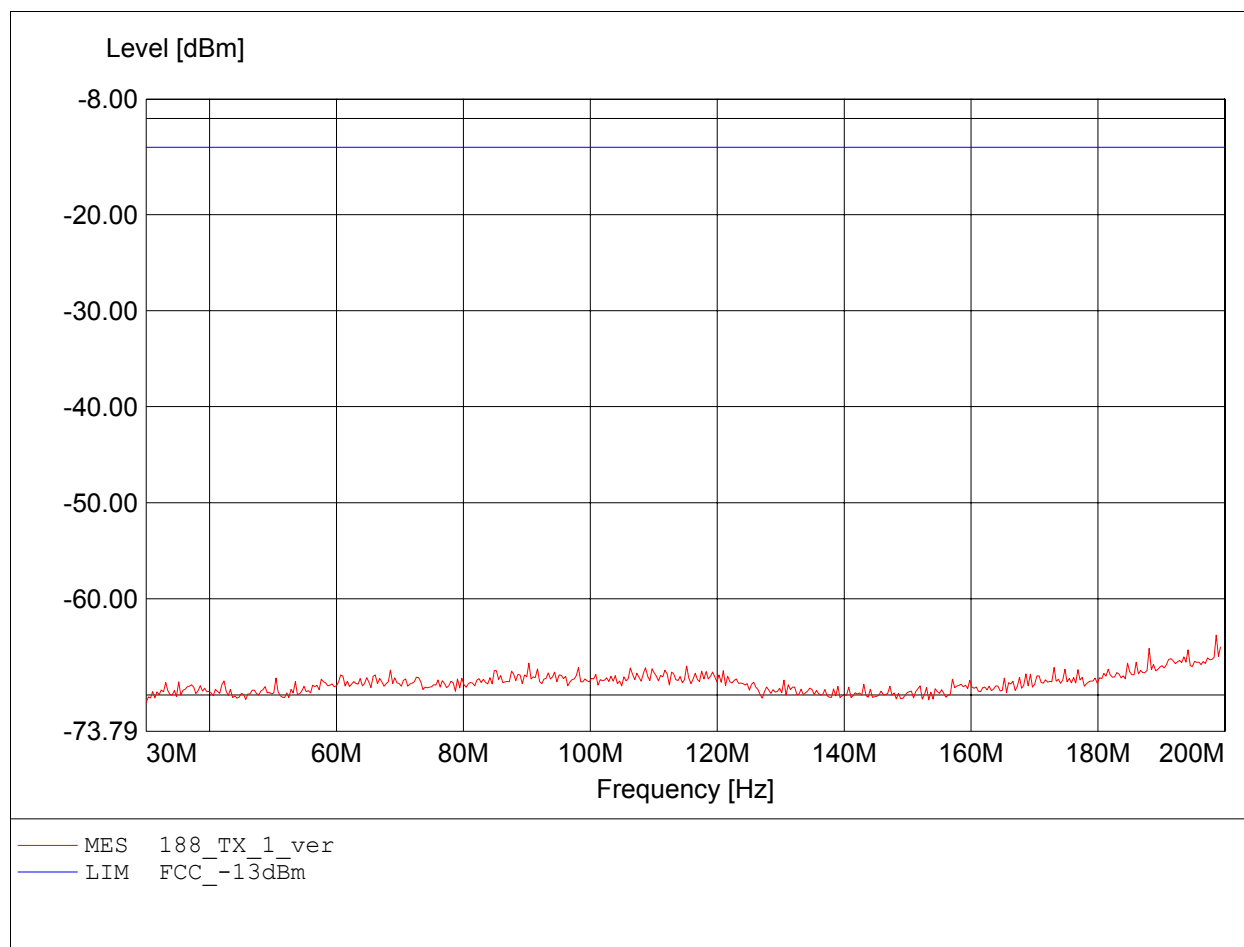
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: Hughes Telematics, Inc. / GOM-1105-1155
EUT / Model: Telematics Unit / AT-100
GPRS 850 / CH: 188 / 2xSlot / Pmax / vertical
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Conditions 1: Tnom.: 24°C / Unom: 13.5 VDC (car power)
Test Conditions 2: Freq. / CH: 188
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 196.593MHz, Pmax: -48.54dBm, RBW: 100kHz



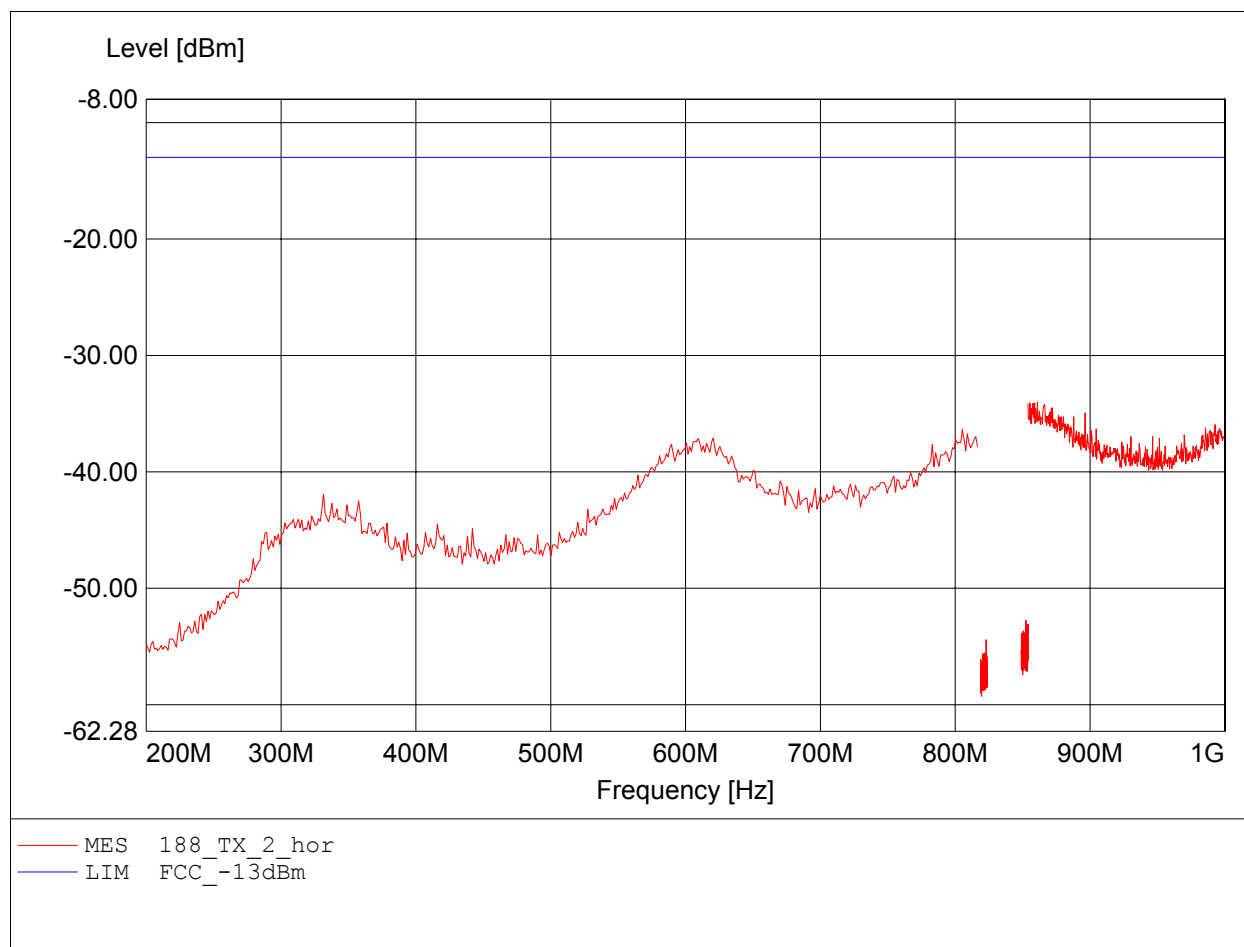
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: Hughes Telematics, Inc. / GOM-1105-1155
EUT / Model: Telematics Unit / AT-100
GPRS 850 / CH: 188 / 2xSlot / Pmax / vertical
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Conditions 1: Tnom.: 24°C / Unom: 13.5 VDC (car power)
Test Conditions 2: Freq. / CH: 188
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 198.637MHz, Pmax: -63.78dBm, RBW: 100kHz



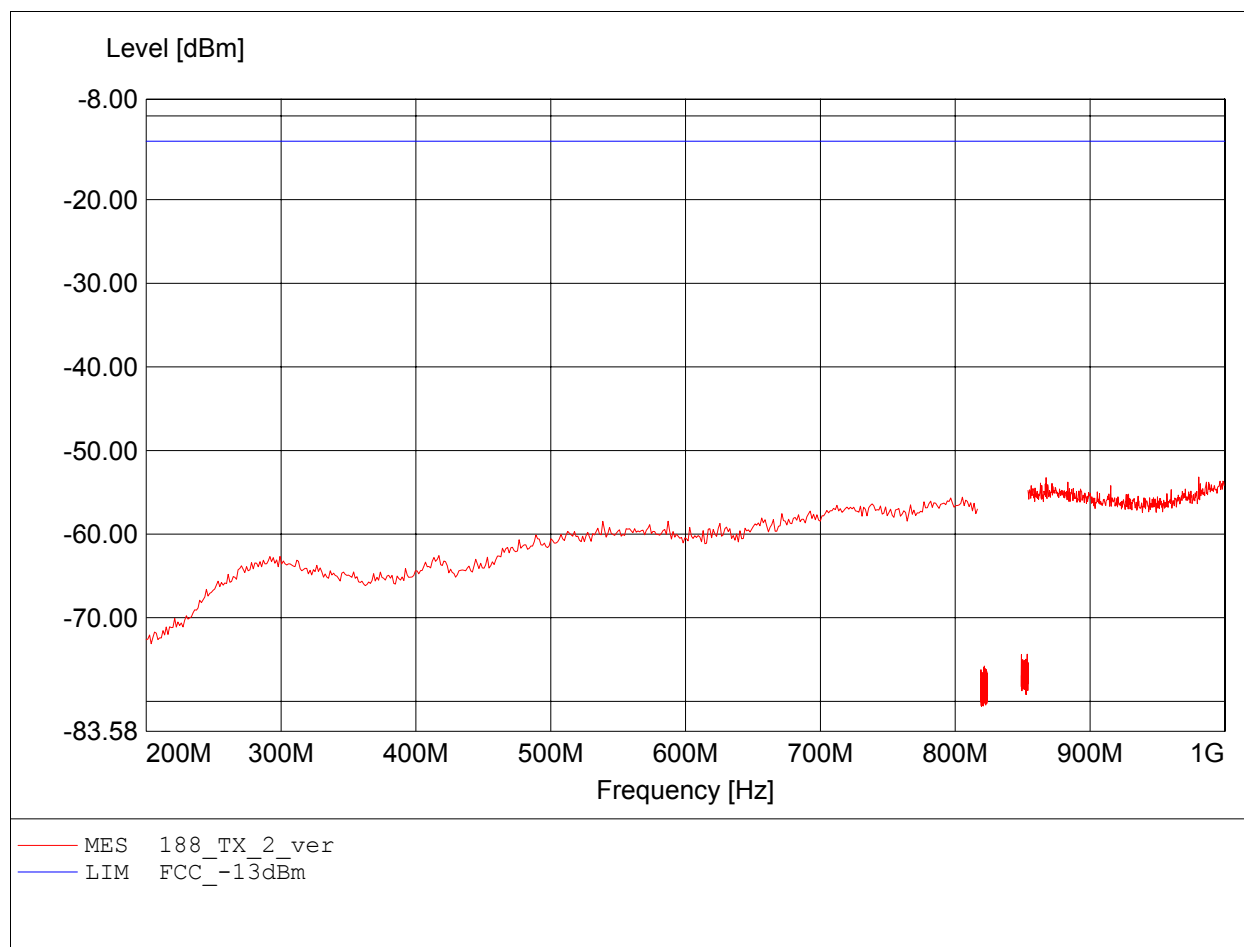
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: Hughes Telematics, Inc. / GOM-1105-1155
EUT / Model: Telematics Unit / AT-100
GPRS 850 / CH: 188 / 2xSlot / Pmax / vertical
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Conditions 1: Tnom.: 24°C / Unom: 13.5 VDC (car power)
Test Conditions 2: Freq. / CH: 188
Comment 1: Dist.: 3m, Ant.: HL 223+notch
Comment 2: Freq: 861.022MHz, Pmax: -33.99dBm, RBW: 100kHz



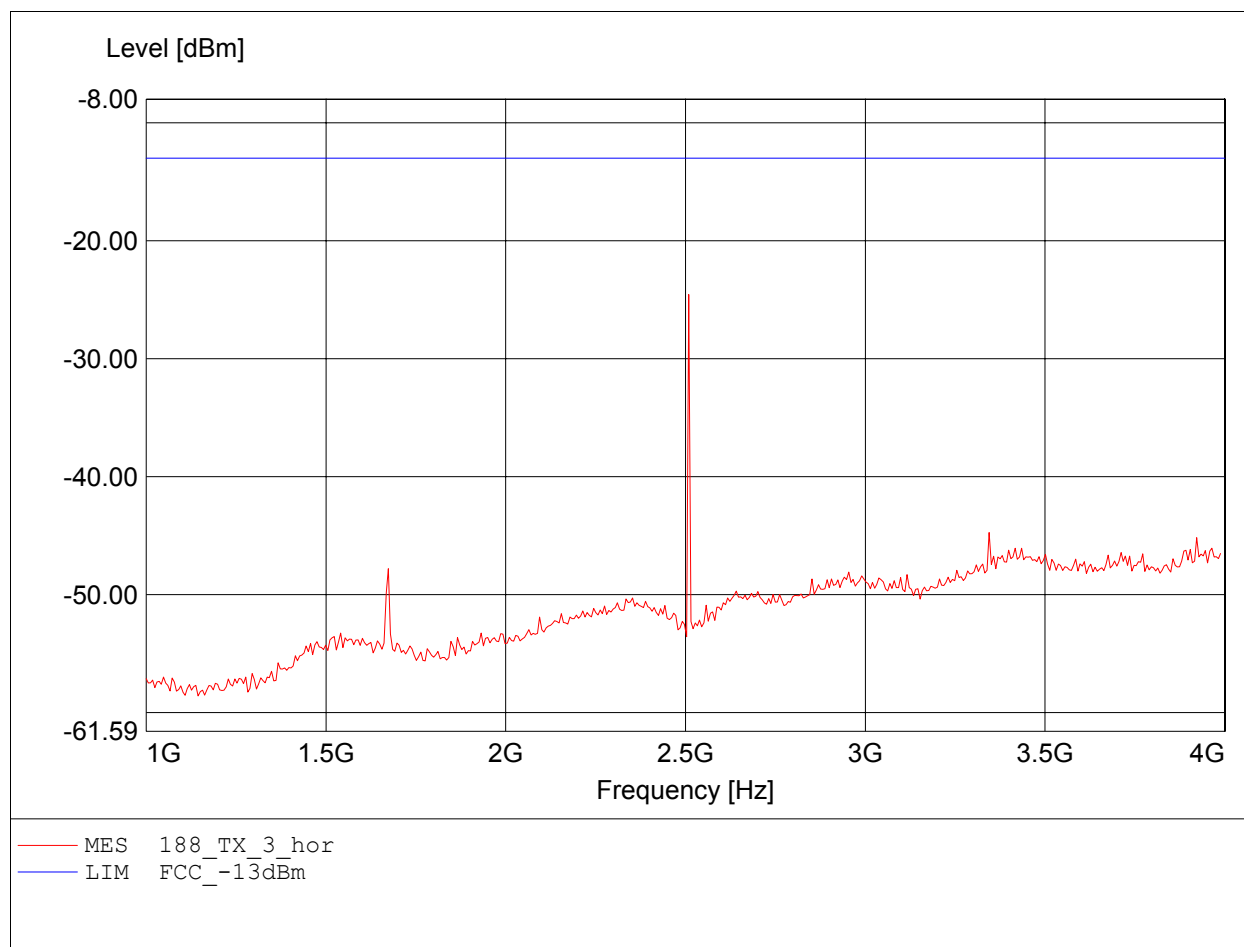
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: Hughes Telematics, Inc. / GOM-1105-1155
EUT / Model: Telematics Unit / AT-100
GPRS 850 / CH: 188 / 2xSlot / Pmax / vertical
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Conditions 1: Tnom.: 24°C / Unom: 13.5 VDC (car power)
Test Conditions 2: Freq. / CH: 188
Comment 1: Dist.: 3m, Ant.: HL 223+notch
Comment 2: Freq: 980.689MHz, Pmax: -53.16dBm, RBW: 100kHz



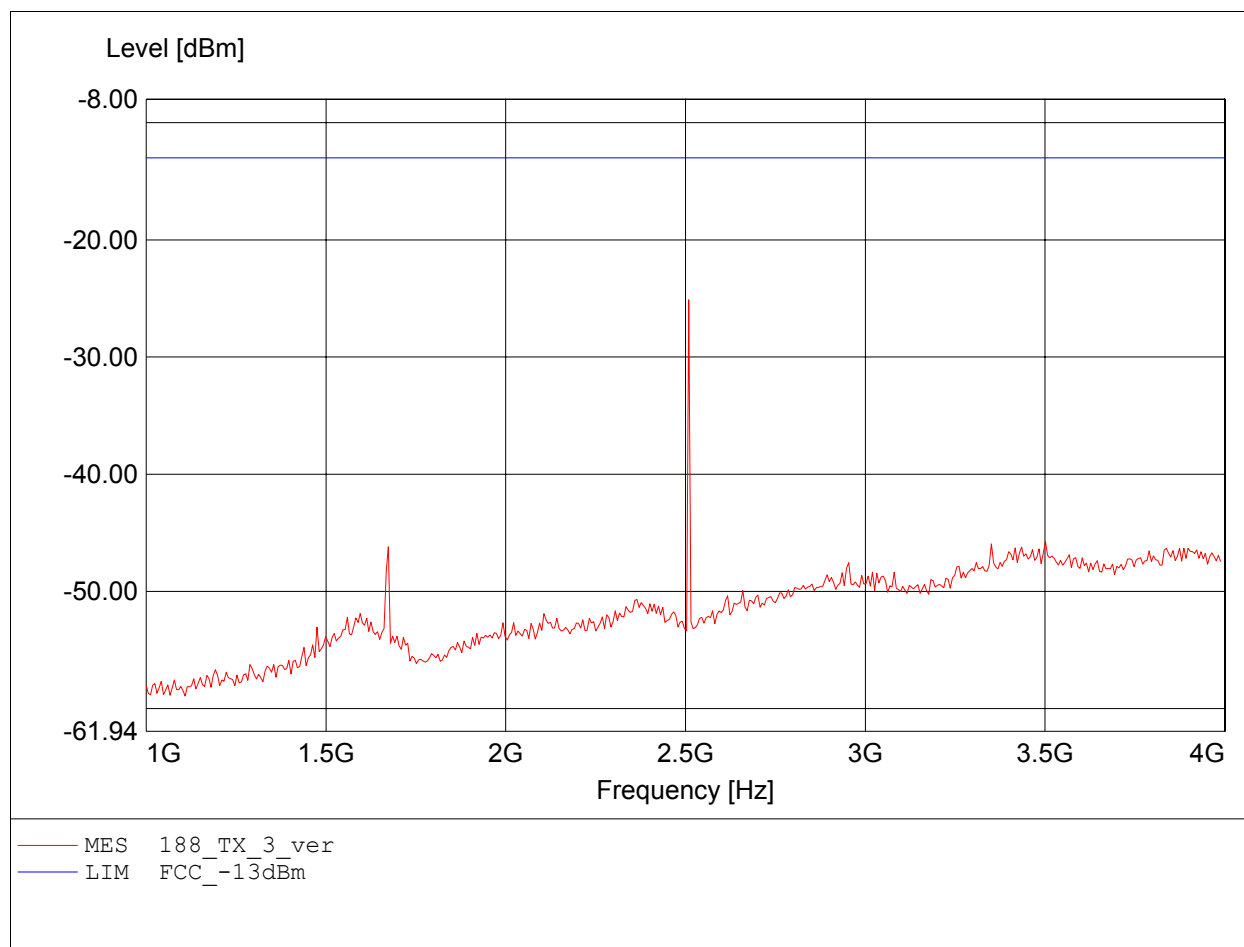
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: Hughes Telematics, Inc. / GOM-1105-1155
EUT / Model: Telematics Unit / AT-100
GPRS 850 / CH: 188 / 2xSlot / Pmax / vertical
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Conditions 1: Tnom.: 24°C / Unom: 13.5 VDC (car power)
Test Conditions 2: Freq. / CH: 188
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 2.509GHz, Pmax: -24.56dBm, RBW: 1MHz



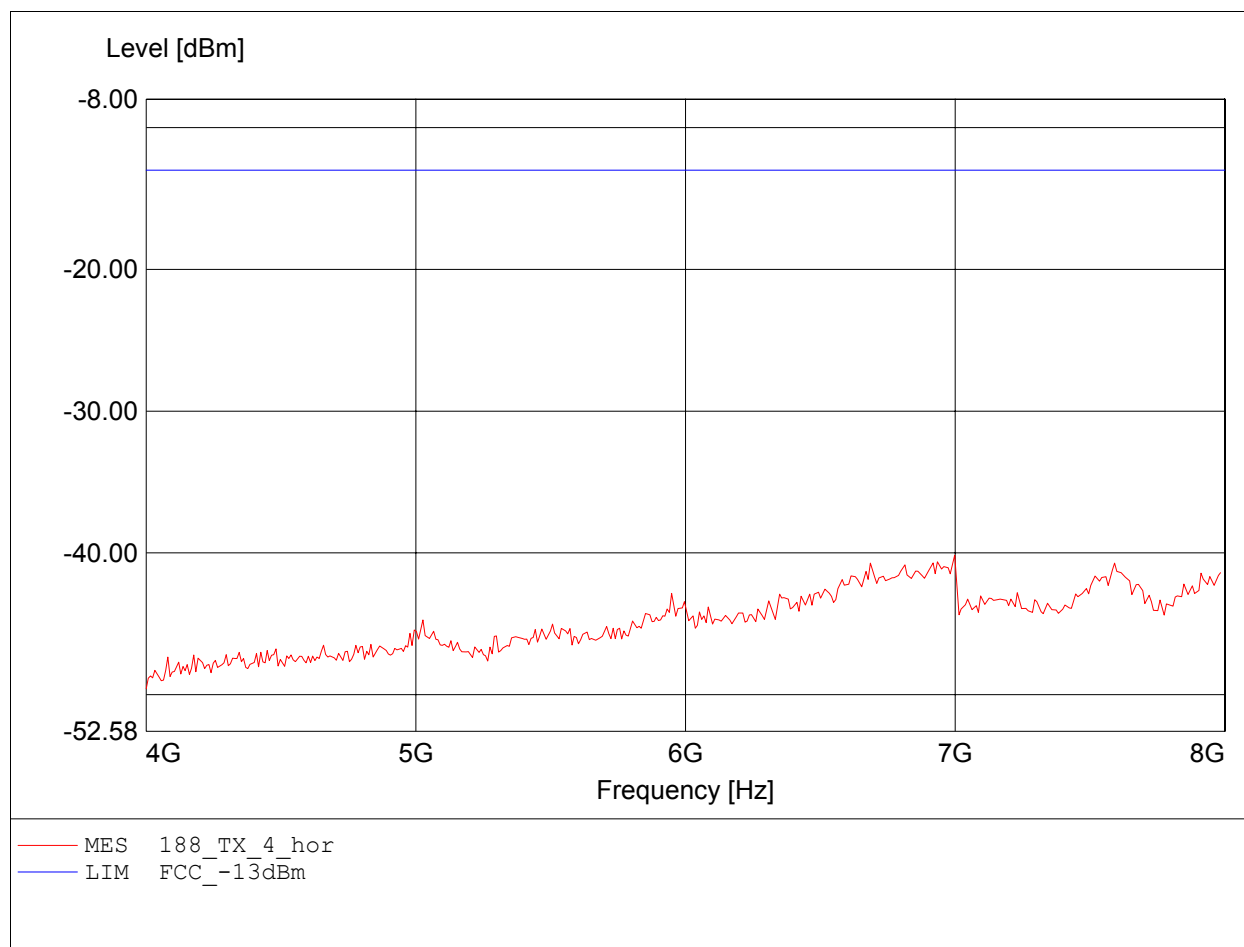
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: Hughes Telematics, Inc. / GOM-1105-1155
EUT / Model: Telematics Unit / AT-100
GPRS 850 / CH: 188 / 2xSlot / Pmax / vertical
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Conditions 1: Tnom.: 24°C / Unom: 13.5 VDC (car power)
Test Conditions 2: Freq. / CH: 188
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 2.509GHz, Pmax: -25.12dBm, RBW: 1MHz



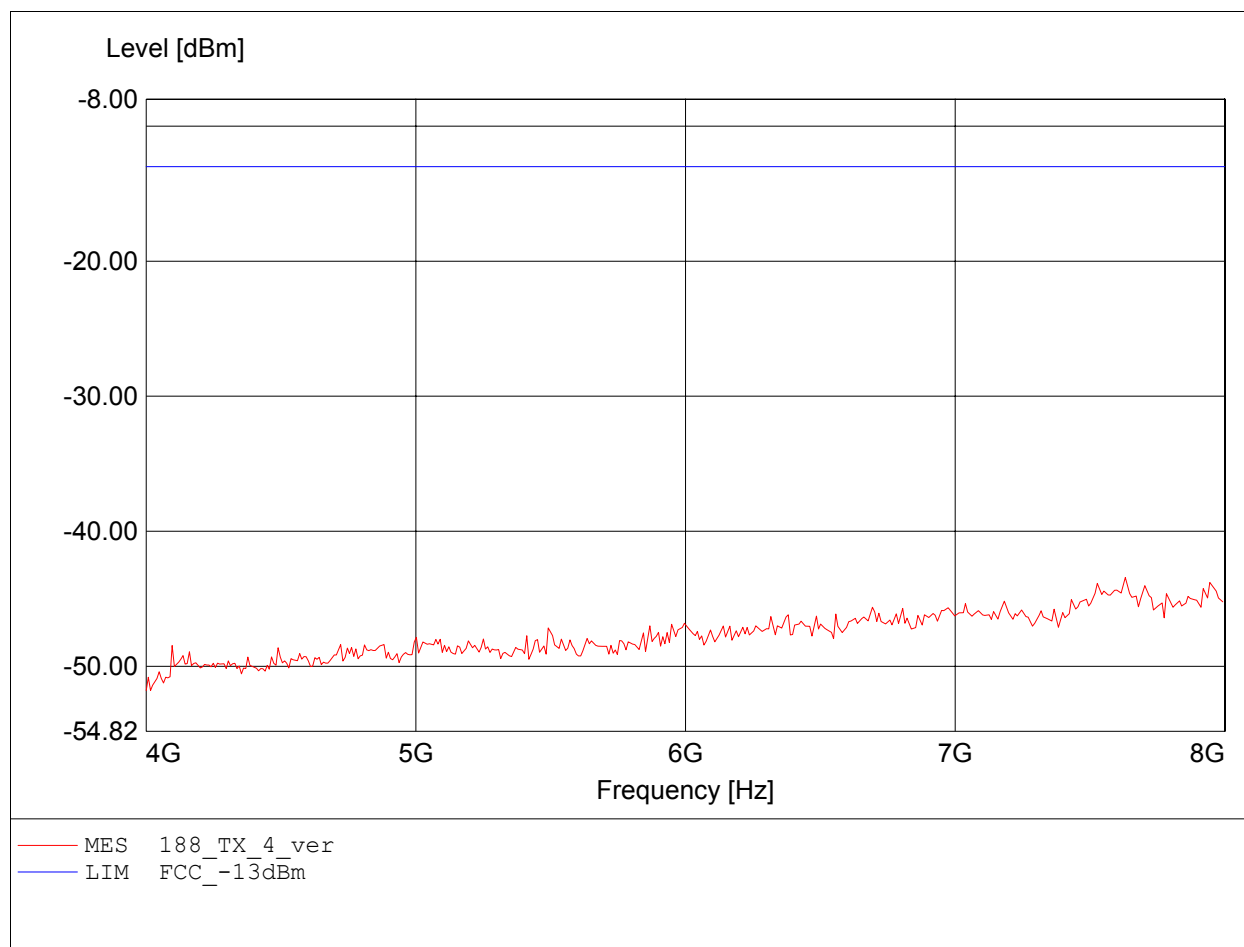
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: Hughes Telematics, Inc. / GOM-1105-1155
EUT / Model: Telematics Unit / AT-100
GPRS 850 / CH: 188 / 2xSlot / Pmax / vertical
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Conditions 1: Tnom.: 24°C / Unom: 13.5 VDC (car power)
Test Conditions 2: Freq. / CH: 188
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 6.998GHz, Pmax: -40.15dBm, RBW: 1MHz



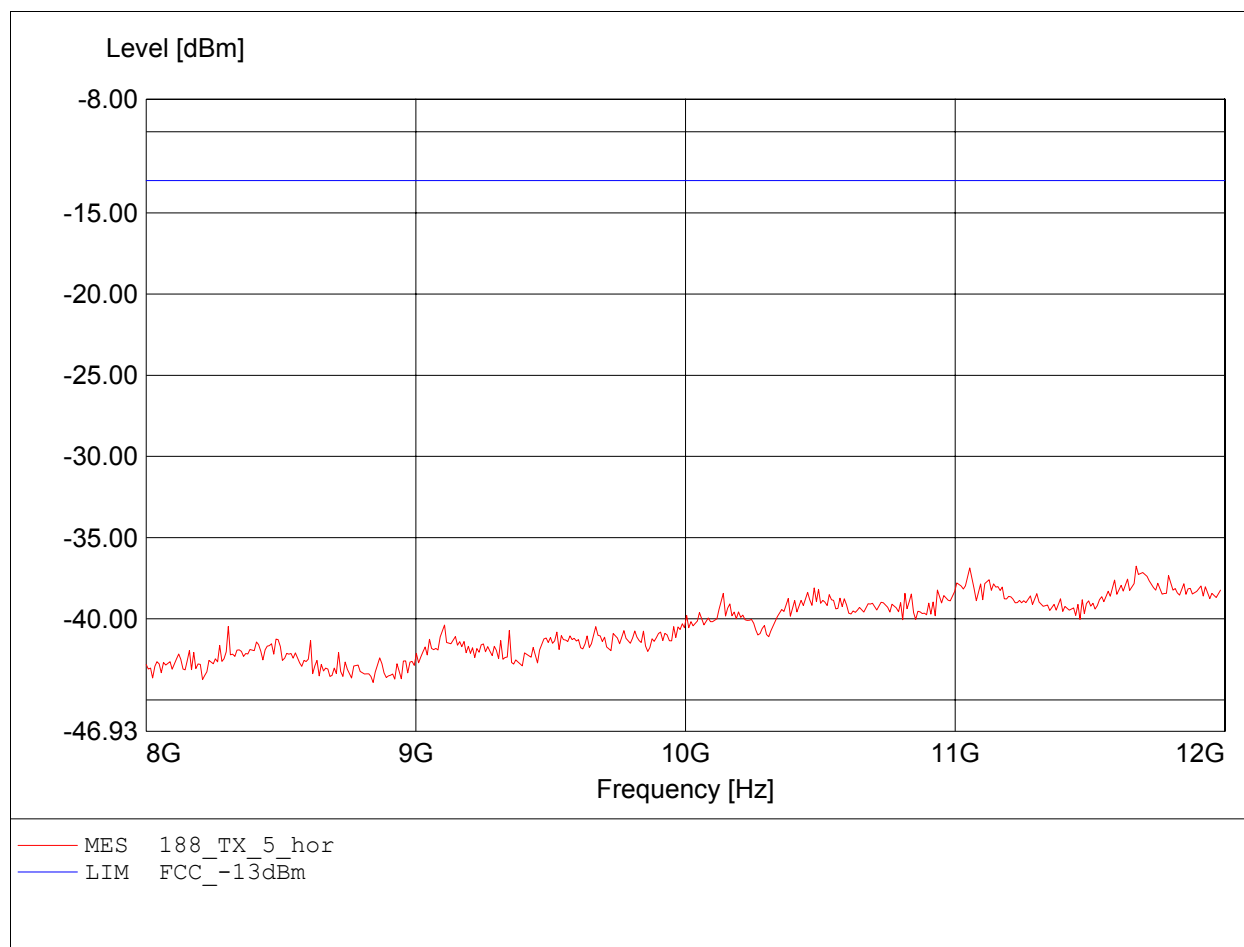
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: Hughes Telematics, Inc. / GOM-1105-1155
EUT / Model: Telematics Unit / AT-100
GPRS 850 / CH: 188 / 2xSlot / Pmax / vertical
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Conditions 1: Tnom.: 24°C / Unom: 13.5 VDC (car power)
Test Conditions 2: Freq. / CH: 188
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 7.631GHz, Pmax: -43.42dBm, RBW: 1MHz



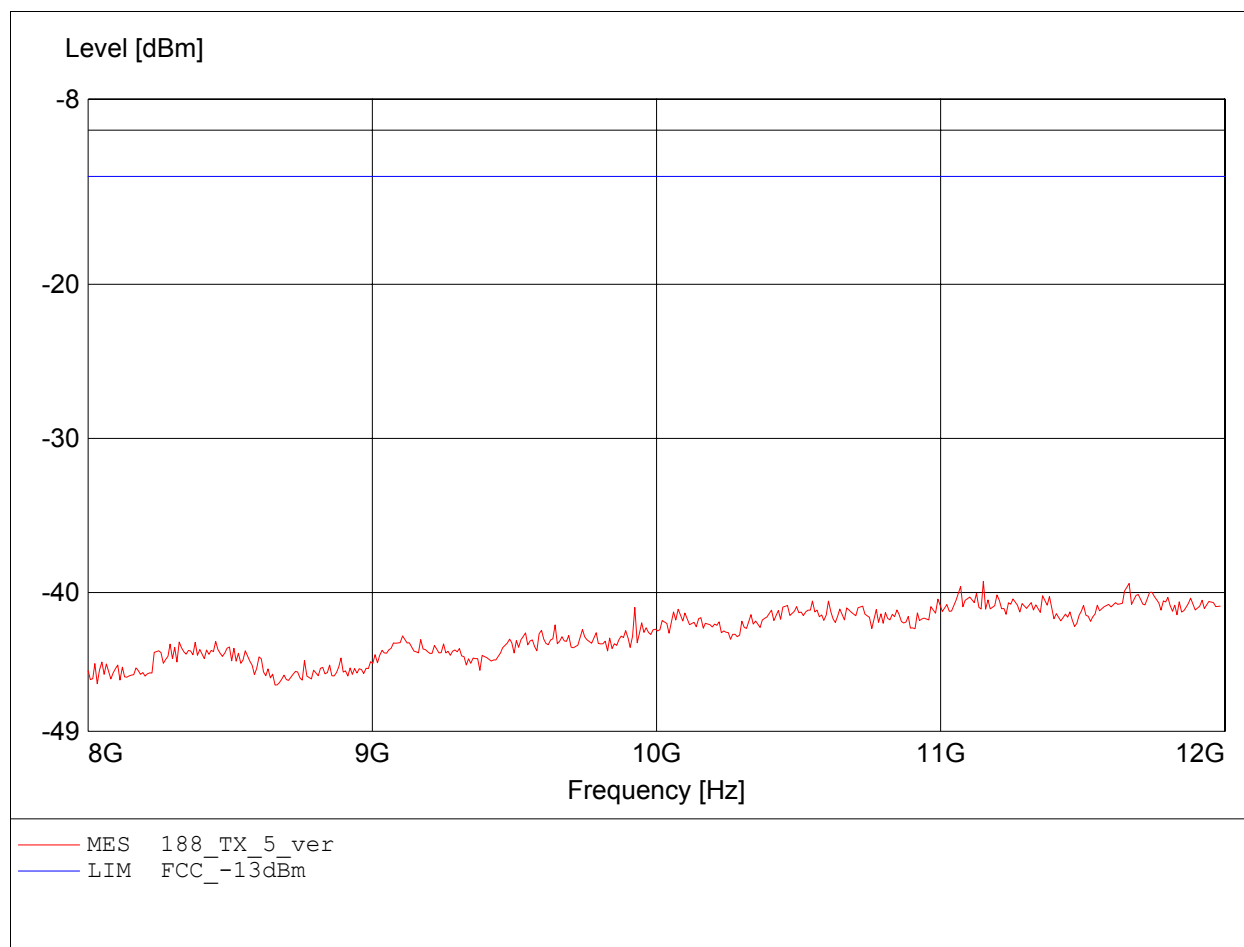
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: Hughes Telematics, Inc. / GOM-1105-1155
EUT / Model: Telematics Unit / AT-100
GPRS 850 / CH: 188 / 2xSlot / Pmax / vertical
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Conditions 1: Tnom.: 24°C / Unom: 13.5 VDC (car power)
Test Conditions 2: Freq. / CH: 188
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 11.671GHz, Pmax: -36.76dBm, RBW: 1MHz



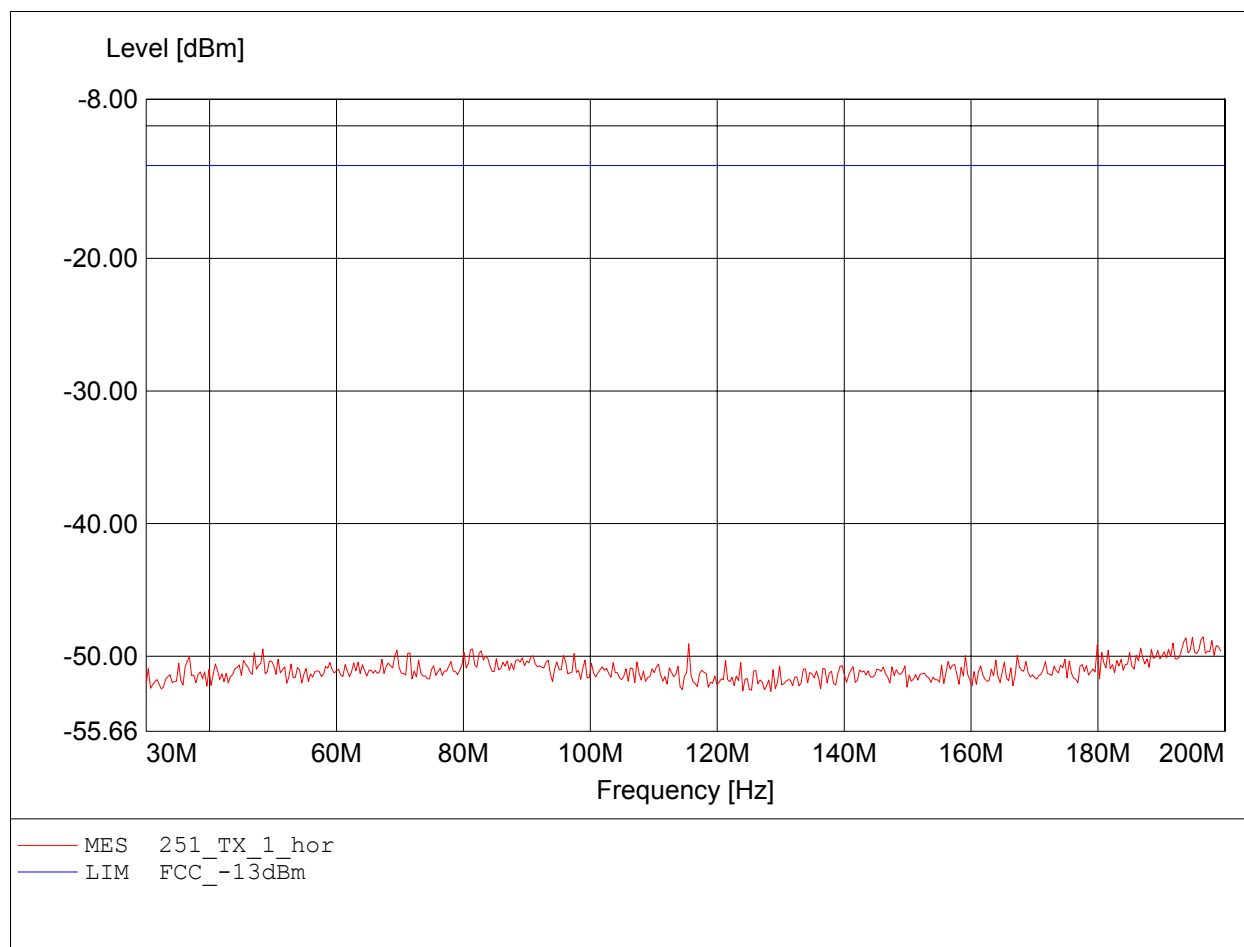
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: Hughes Telematics, Inc. / GOM-1105-1155
EUT / Model: Telematics Unit / AT-100
GPRS 850 / CH: 188 / 2xSlot / Pmax / vertical
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Conditions 1: Tnom.: 24°C / Unom: 13.5 VDC (car power)
Test Conditions 2: Freq. / CH: 188
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 11.150GHz, Pmax: -39.27dBm, RBW: 1MHz



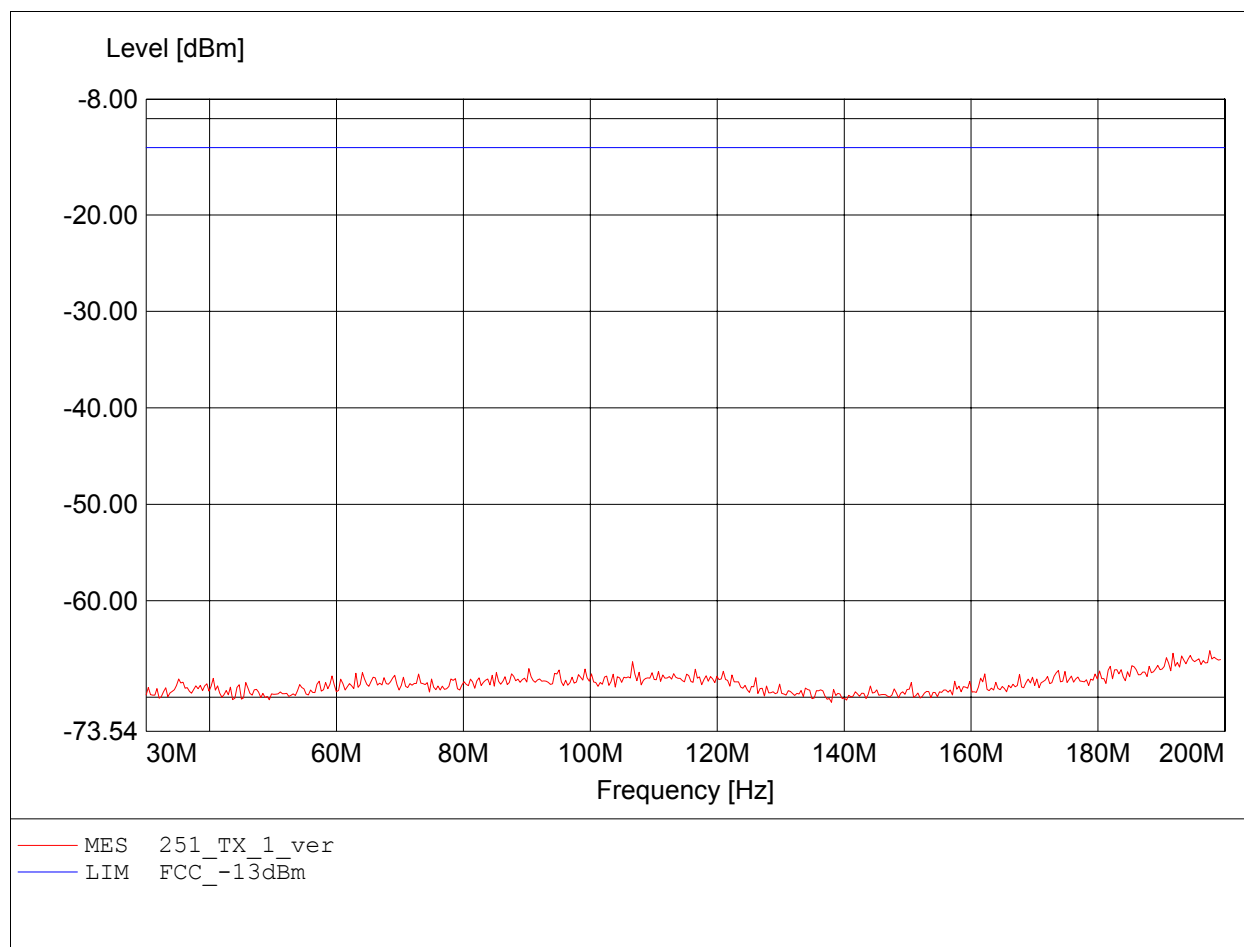
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: Hughes Telematics, Inc. / GOM-1105-1155
EUT / Model: Telematics Unit / AT-100
GPRS 850 / CH: 251 / 2xSlot / Pmax / vertical
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Conditions 1: Tnom.: 24°C / Unom: 13.5 VDC (car power)
Test Conditions 2: Freq. / CH: 251
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 196.593MHz, Pmax: -48.52dBm, RBW: 100kHz



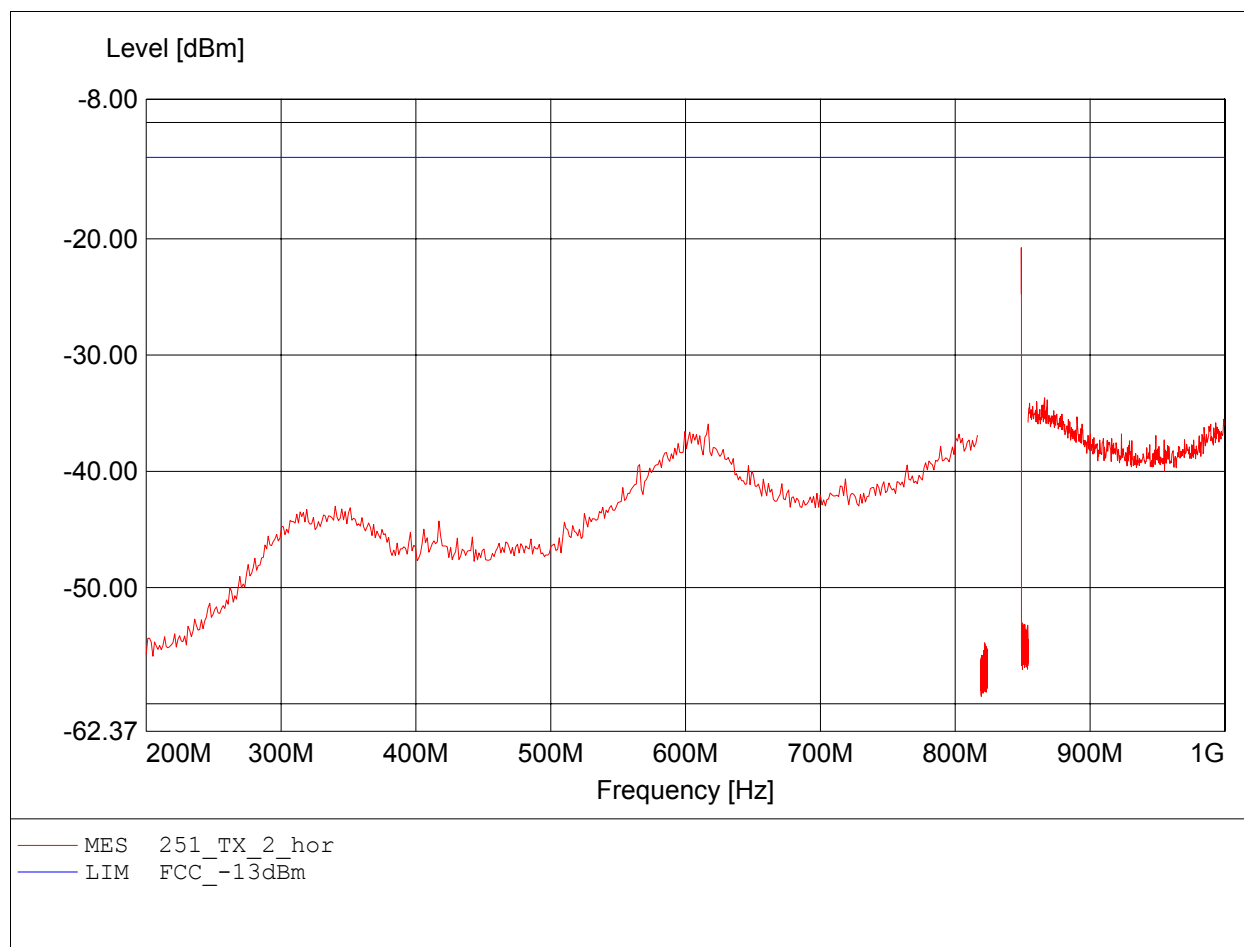
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: Hughes Telematics, Inc. / GOM-1105-1155
EUT / Model: Telematics Unit / AT-100
GPRS 850 / CH: 251 / 2xSlot / Pmax / vertical
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Conditions 1: Tnom.: 24°C / Unom: 13.5 VDC (car power)
Test Conditions 2: Freq. / CH: 251
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 197.615MHz, Pmax: -65.18dBm, RBW: 100kHz



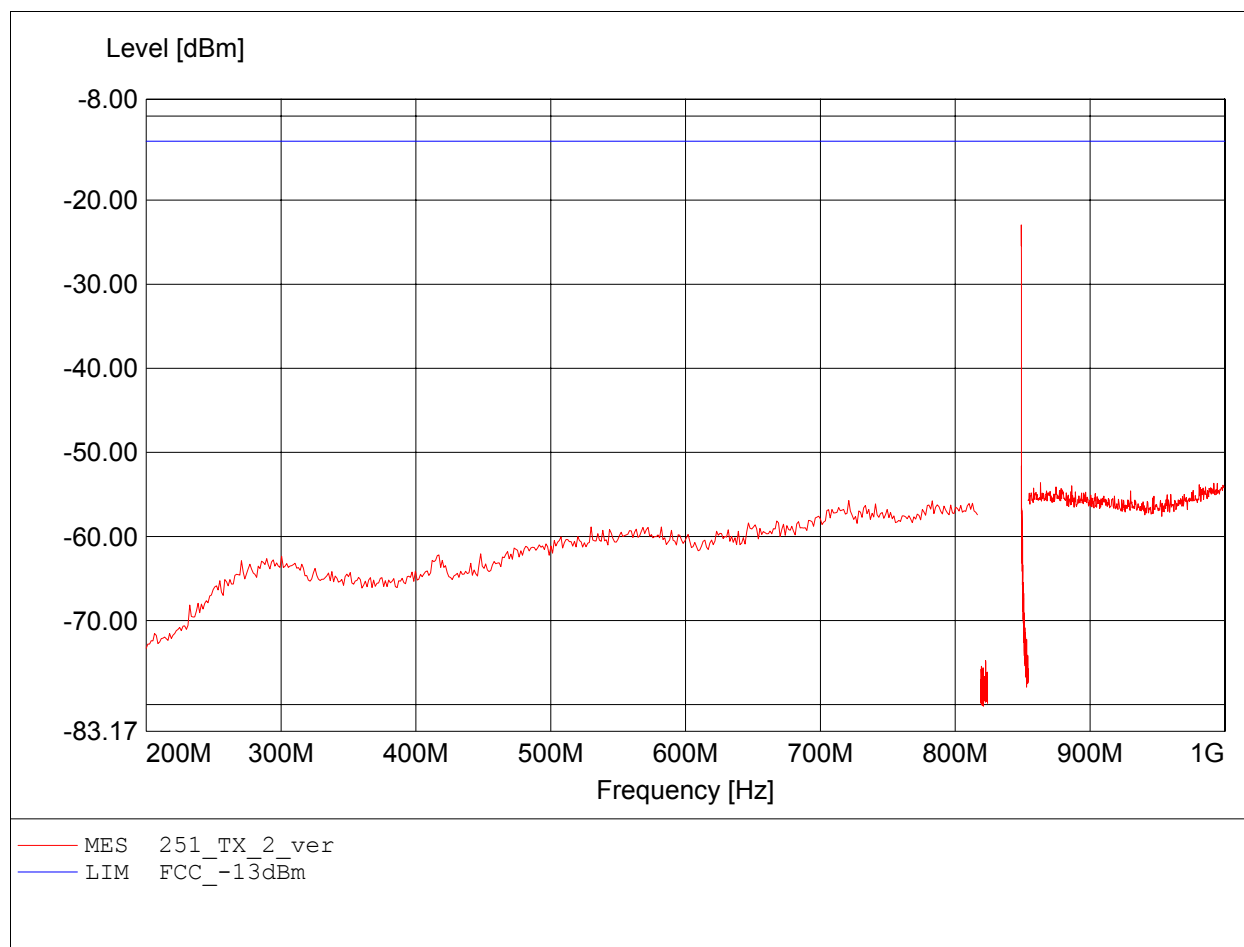
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: Hughes Telematics, Inc. / GOM-1105-1155
EUT / Model: Telematics Unit / AT-100
GPRS 850 / CH: 251 / 2xSlot / Pmax / vertical
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Conditions 1: Tnom.: 24°C / Unom: 13.5 VDC (car power)
Test Conditions 2: Freq. / CH: 251
Comment 1: Dist.: 3m, Ant.: HL 223+notch
Comment 2: Freq: 849.010MHz, Pmax: -20.77dBm, RBW: 100kHz



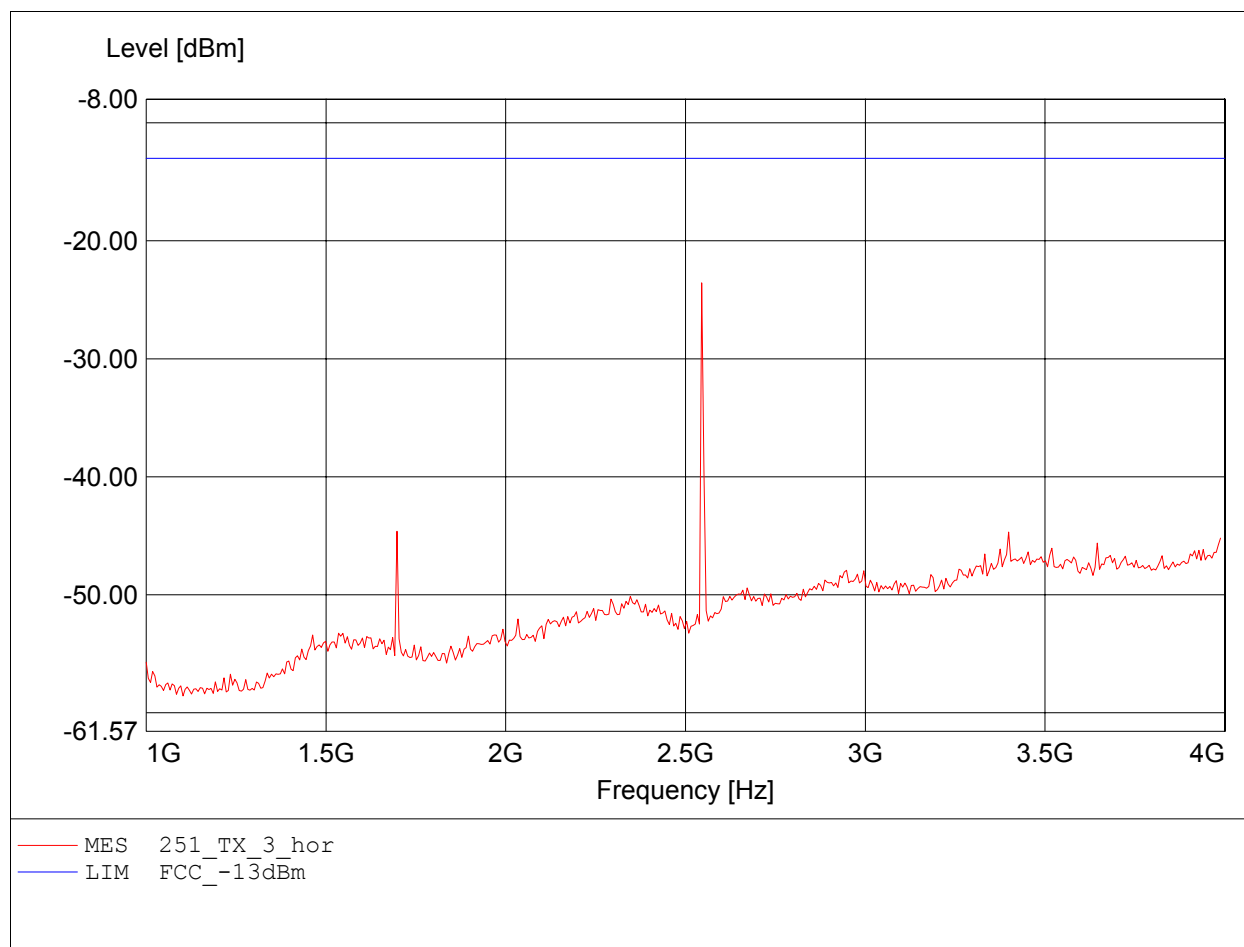
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: Hughes Telematics, Inc. / GOM-1105-1155
EUT / Model: Telematics Unit / AT-100
GPRS 850 / CH: 251 / 2xSlot / Pmax / vertical
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Conditions 1: Tnom.: 24°C / Unom: 13.5 VDC (car power)
Test Conditions 2: Freq. / CH: 251
Comment 1: Dist.: 3m, Ant.: HL 223+notch
Comment 2: Freq: 849.010MHz, Pmax: -22.94dBm, RBW: 100kHz



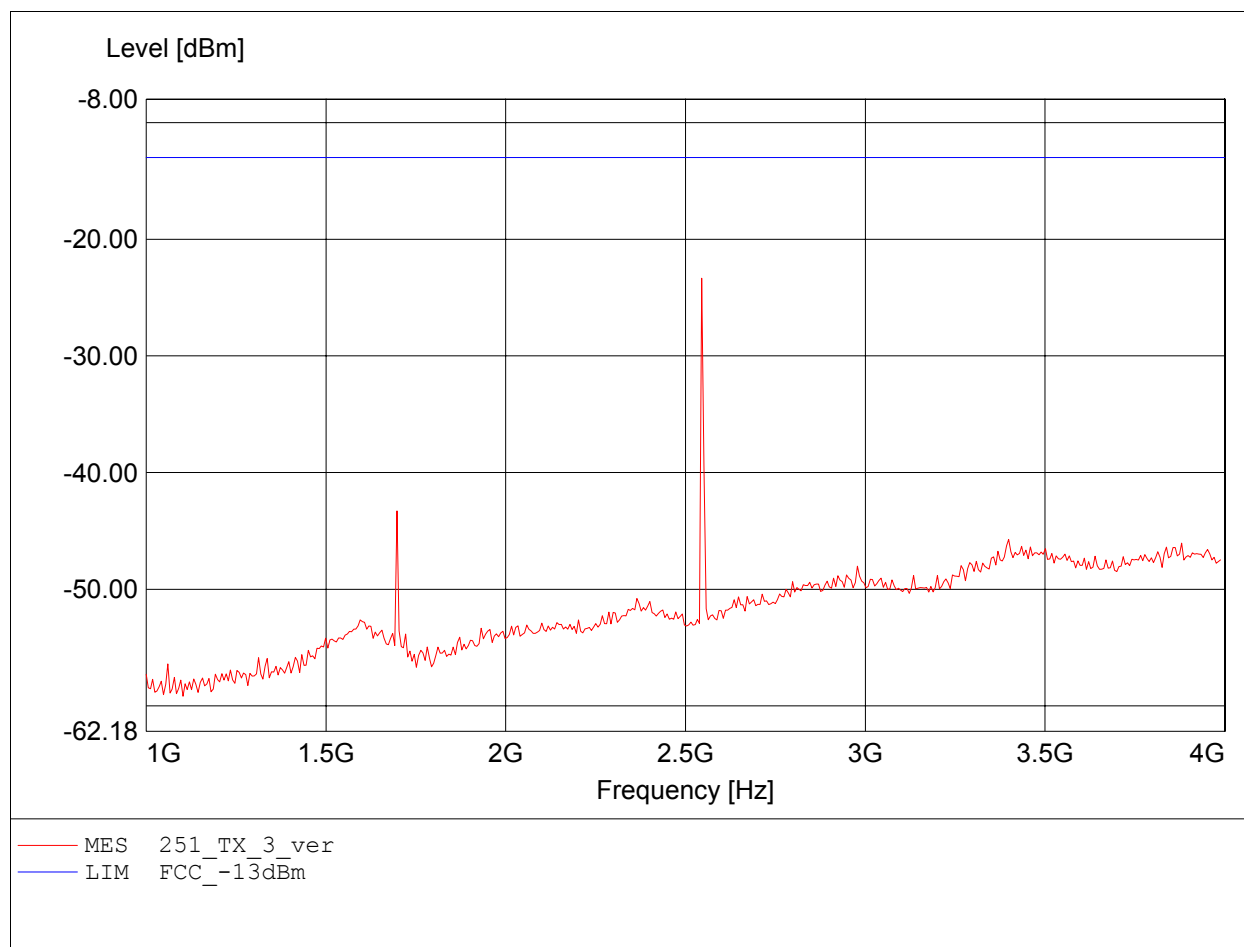
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: Hughes Telematics, Inc. / GOM-1105-1155
EUT / Model: Telematics Unit / AT-100
GPRS 850 / CH: 251 / 2xSlot / Pmax / vertical
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Conditions 1: Tnom.: 24°C / Unom: 13.5 VDC (car power)
Test Conditions 2: Freq. / CH: 251
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 2.545GHz, Pmax: -23.56dBm, RBW: 1MHz



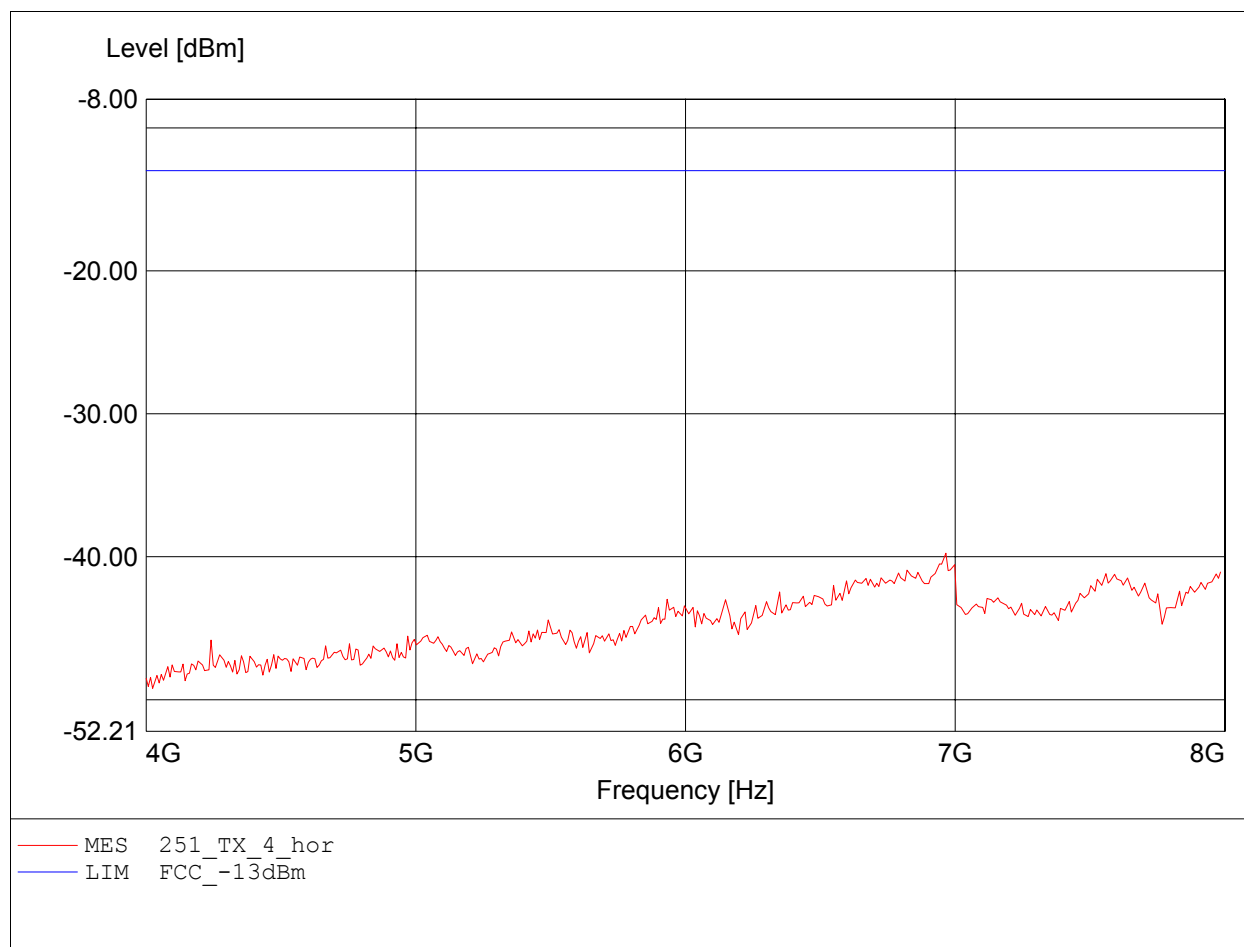
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: Hughes Telematics, Inc. / GOM-1105-1155
EUT / Model: Telematics Unit / AT-100
GPRS 850 / CH: 251 / 2xSlot / Pmax / vertical
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Conditions 1: Tnom.: 24°C / Unom: 13.5 VDC (car power)
Test Conditions 2: Freq. / CH: 251
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 2.545GHz, Pmax: -23.33dBm, RBW: 1MHz



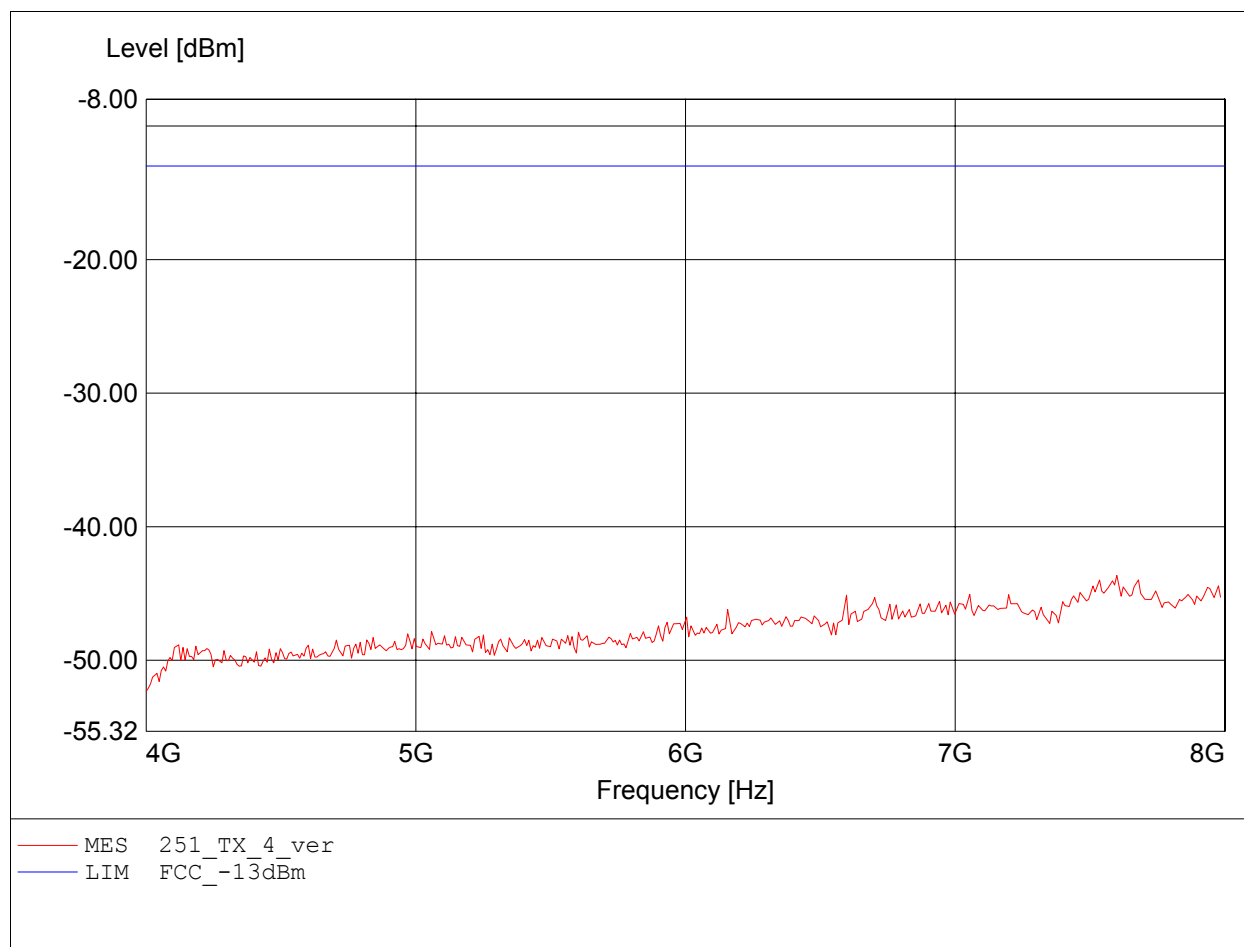
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: Hughes Telematics, Inc. / GOM-1105-1155
EUT / Model: Telematics Unit / AT-100
GPRS 850 / CH: 251 / 2xSlot / Pmax / vertical
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Conditions 1: Tnom.: 24°C / Unom: 13.5 VDC (car power)
Test Conditions 2: Freq. / CH: 251
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 6.966GHz, Pmax: -39.75dBm, RBW: 1MHz



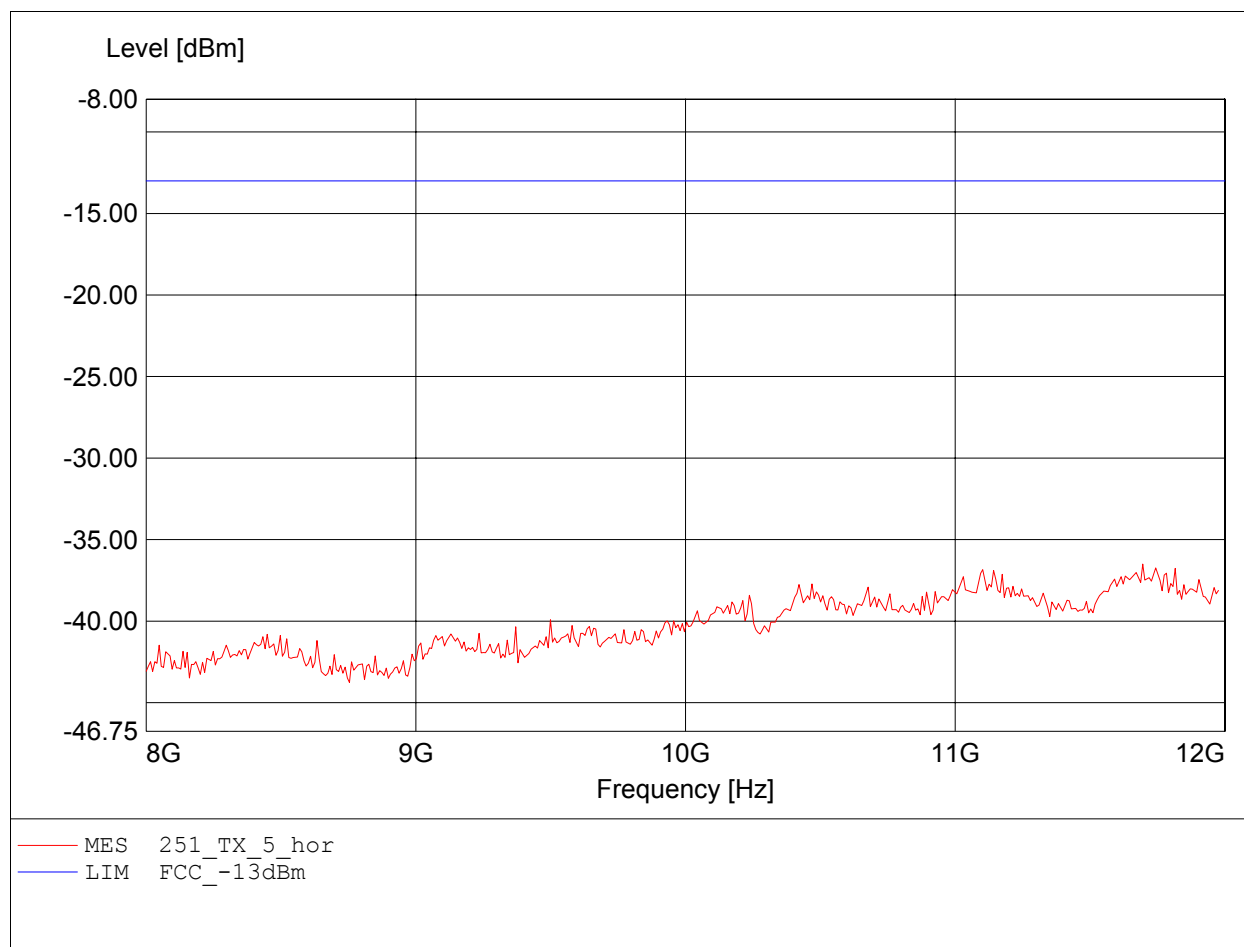
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: Hughes Telematics, Inc. / GOM-1105-1155
EUT / Model: Telematics Unit / AT-100
GPRS 850 / CH: 251 / 2xSlot / Pmax / vertical
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Conditions 1: Tnom.: 24°C / Unom: 13.5 VDC (car power)
Test Conditions 2: Freq. / CH: 251
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 7.599GHz, Pmax: -43.65dBm, RBW: 1MHz



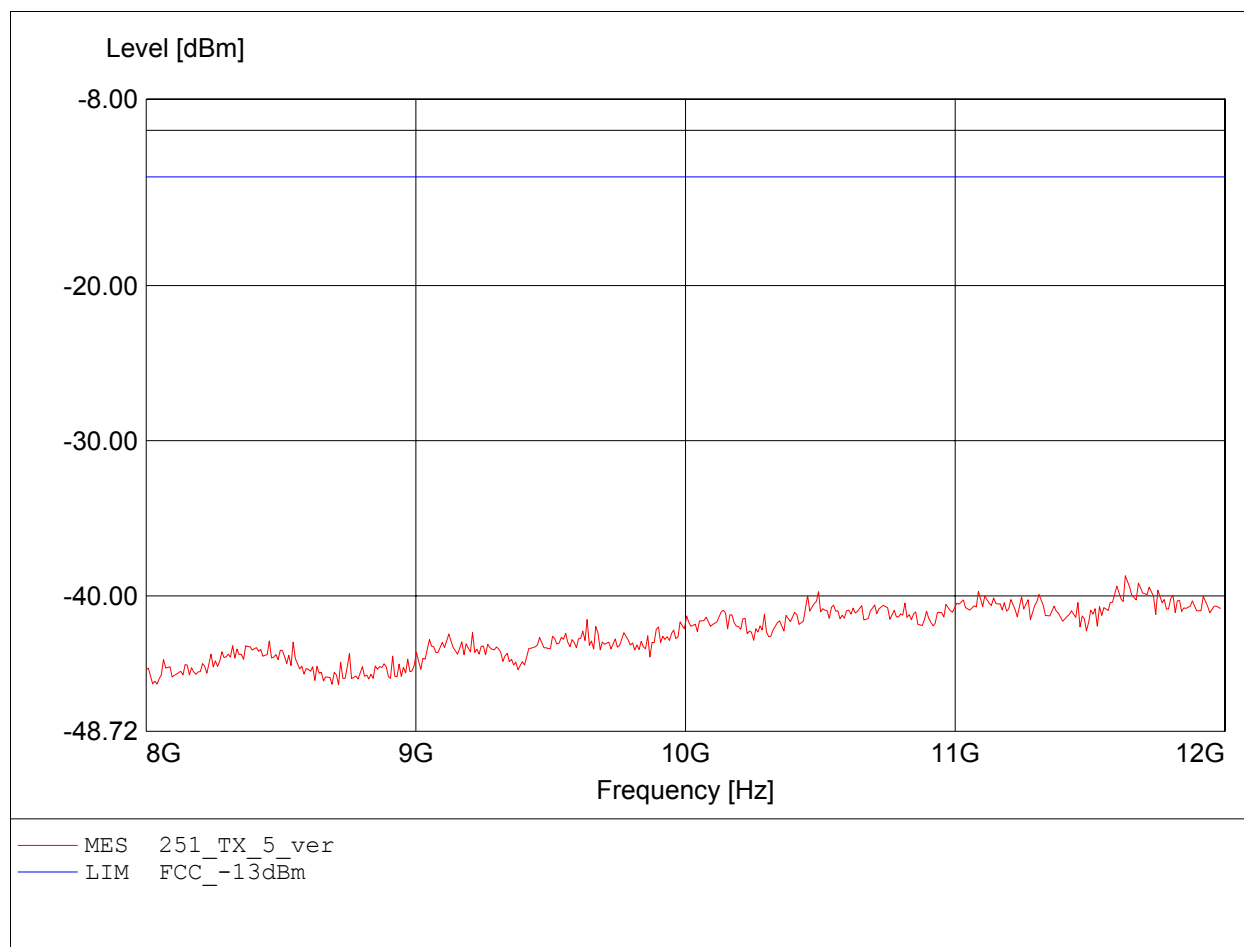
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: Hughes Telematics, Inc. / GOM-1105-1155
EUT / Model: Telematics Unit / AT-100
GPRS 850 / CH: 251 / 2xSlot / Pmax / vertical
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Conditions 1: Tnom.: 24°C / Unom: 13.5 VDC (car power)
Test Conditions 2: Freq. / CH: 251
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 11.695GHz, Pmax: -36.50dBm, RBW: 1MHz



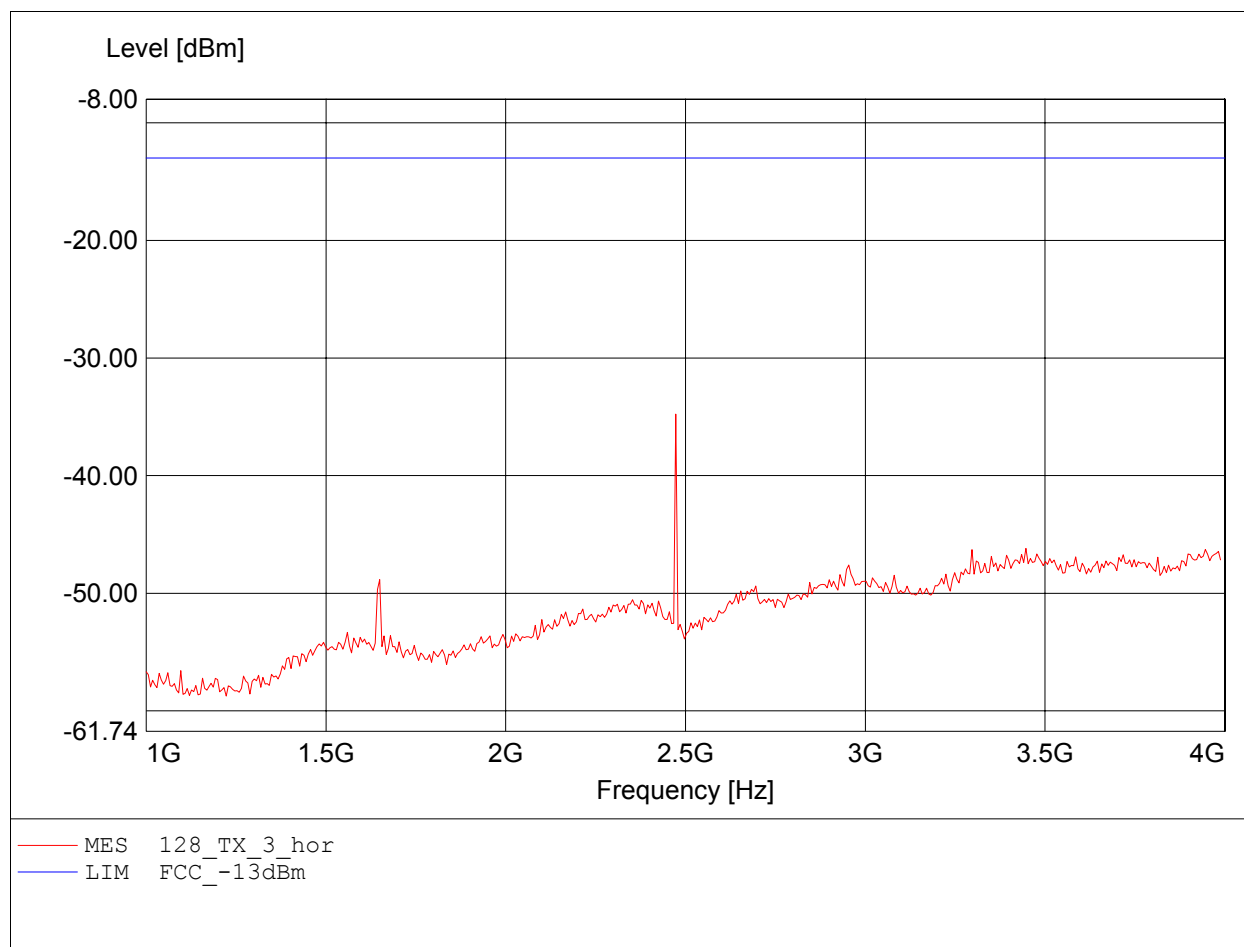
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: Hughes Telematics, Inc. / GOM-1105-1155
EUT / Model: Telematics Unit / AT-100
GPRS 850 / CH: 251 / 2xSlot / Pmax / vertical
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Conditions 1: Tnom.: 24°C / Unom: 13.5 VDC (car power)
Test Conditions 2: Freq. / CH: 251
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 11.631GHz, Pmax: -38.70dBm, RBW: 1MHz



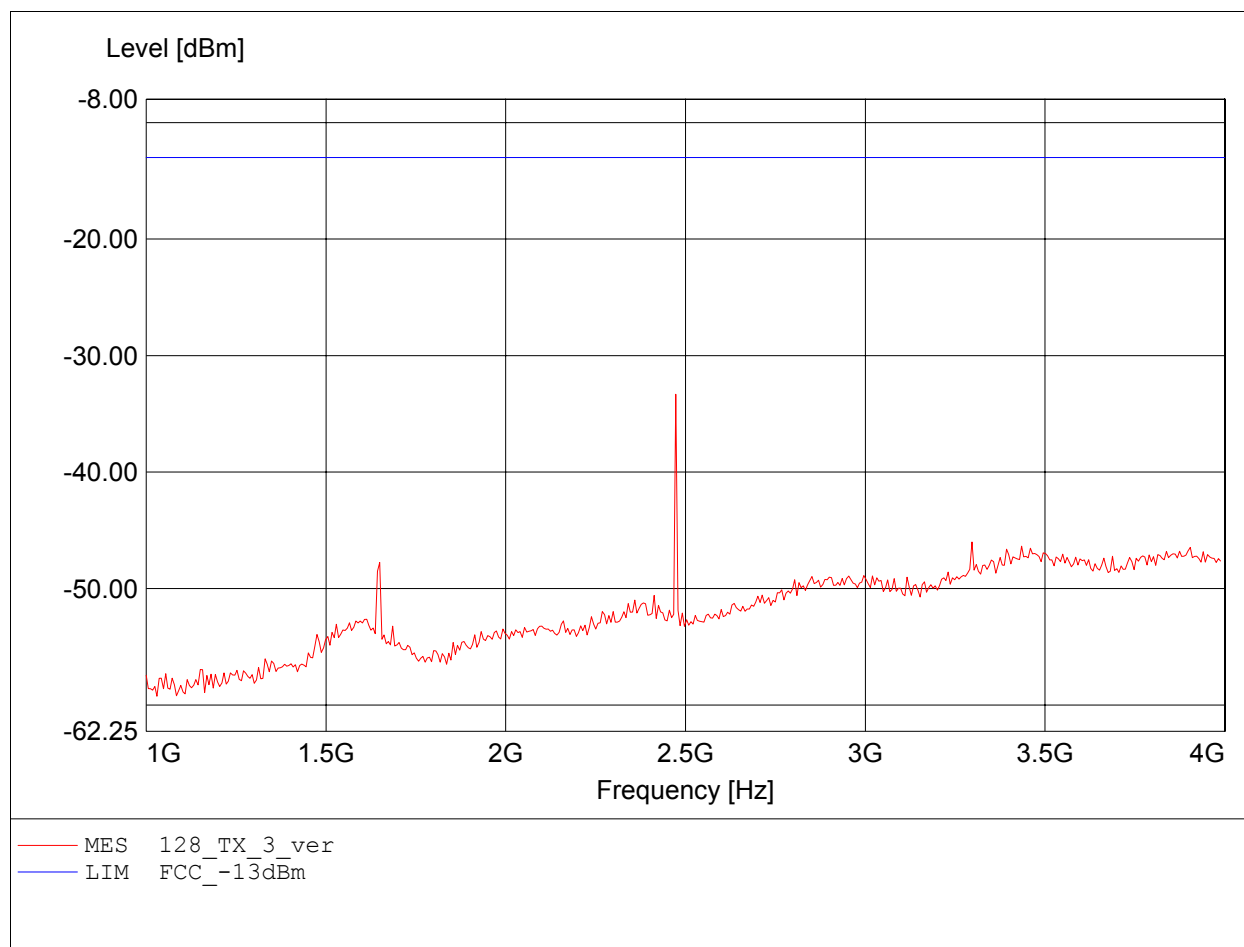
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: Hughes Telematics, Inc. / GOM-1105-1155
EUT / Model: Telematics Unit / AT-100
EDGE 850 / CH: 128 / 2xSlot / Pmax / vertical
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Conditions 1: Tnom.: 24°C / Unom: 13.5 VDC (car power)
Test Conditions 2: Freq. / CH: 128
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 2.473GHz, Pmax: -34.77dBm, RBW: 1MHz



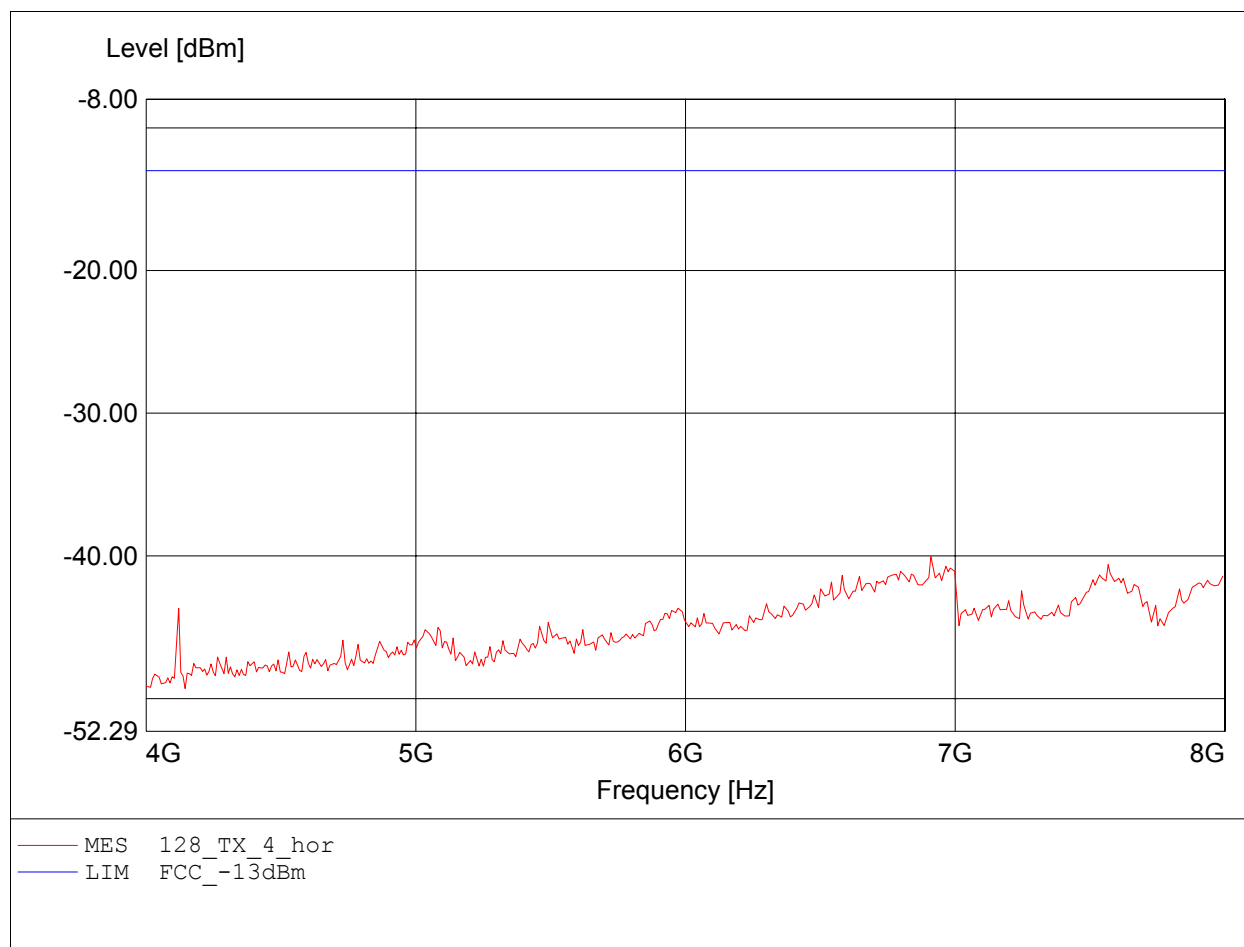
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: Hughes Telematics, Inc. / GOM-1105-1155
EUT / Model: Telematics Unit / AT-100
EDGE 850 / CH: 128 / 2xSlot / Pmax / vertical
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Conditions 1: Tnom.: 24°C / Unom: 13.5 VDC (car power)
Test Conditions 2: Freq. / CH: 128
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 2.473GHz, Pmax: -33.32dBm, RBW: 1MHz



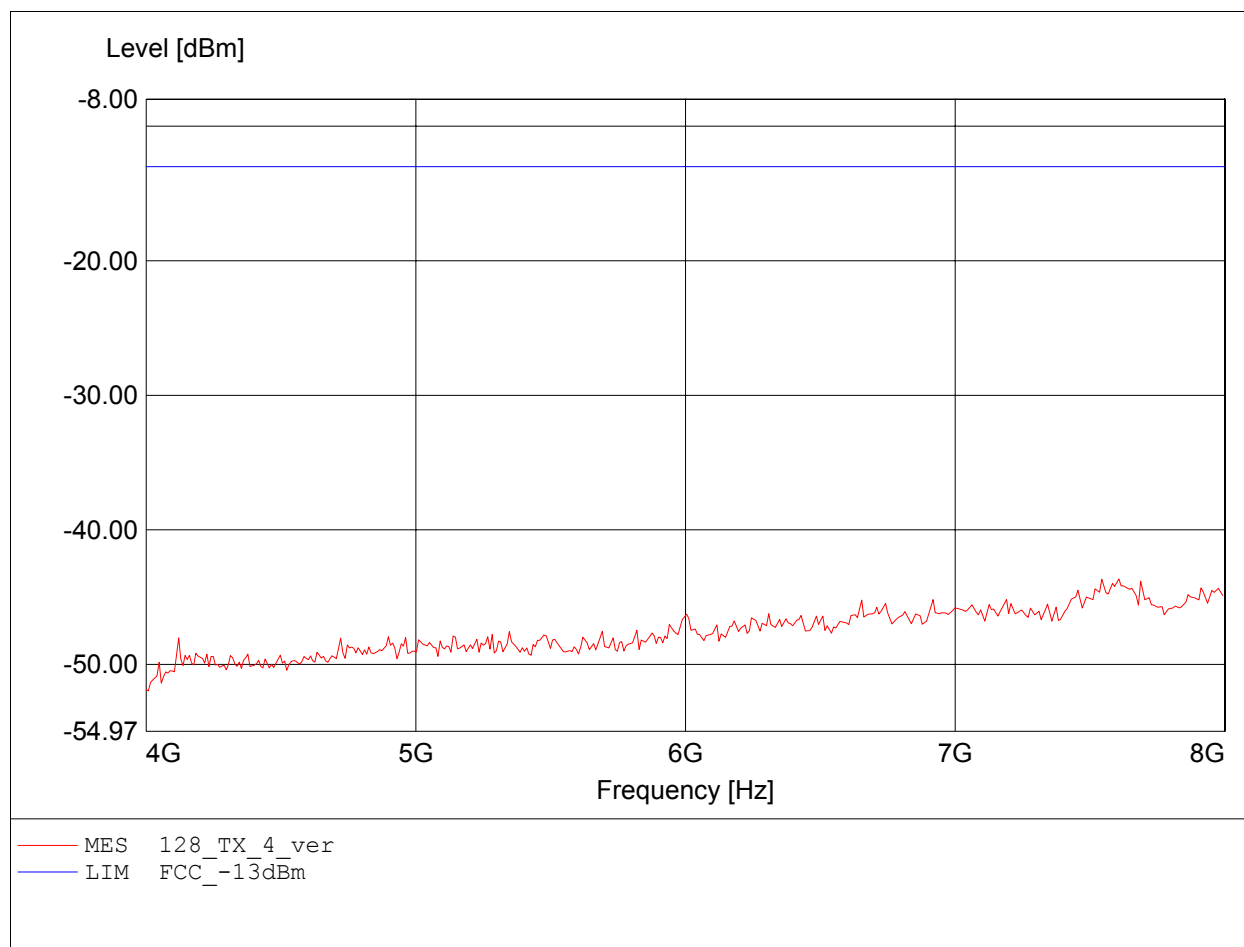
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: Hughes Telematics, Inc. / GOM-1105-1155
EUT / Model: Telematics Unit / AT-100
EDGE 850 / CH: 128 / 2xSlot / Pmax / vertical
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Conditions 1: Tnom.: 24°C / Unom: 13.5 VDC (car power)
Test Conditions 2: Freq. / CH: 128
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 6.910GHz, Pmax: -40.05dBm, RBW: 1MHz



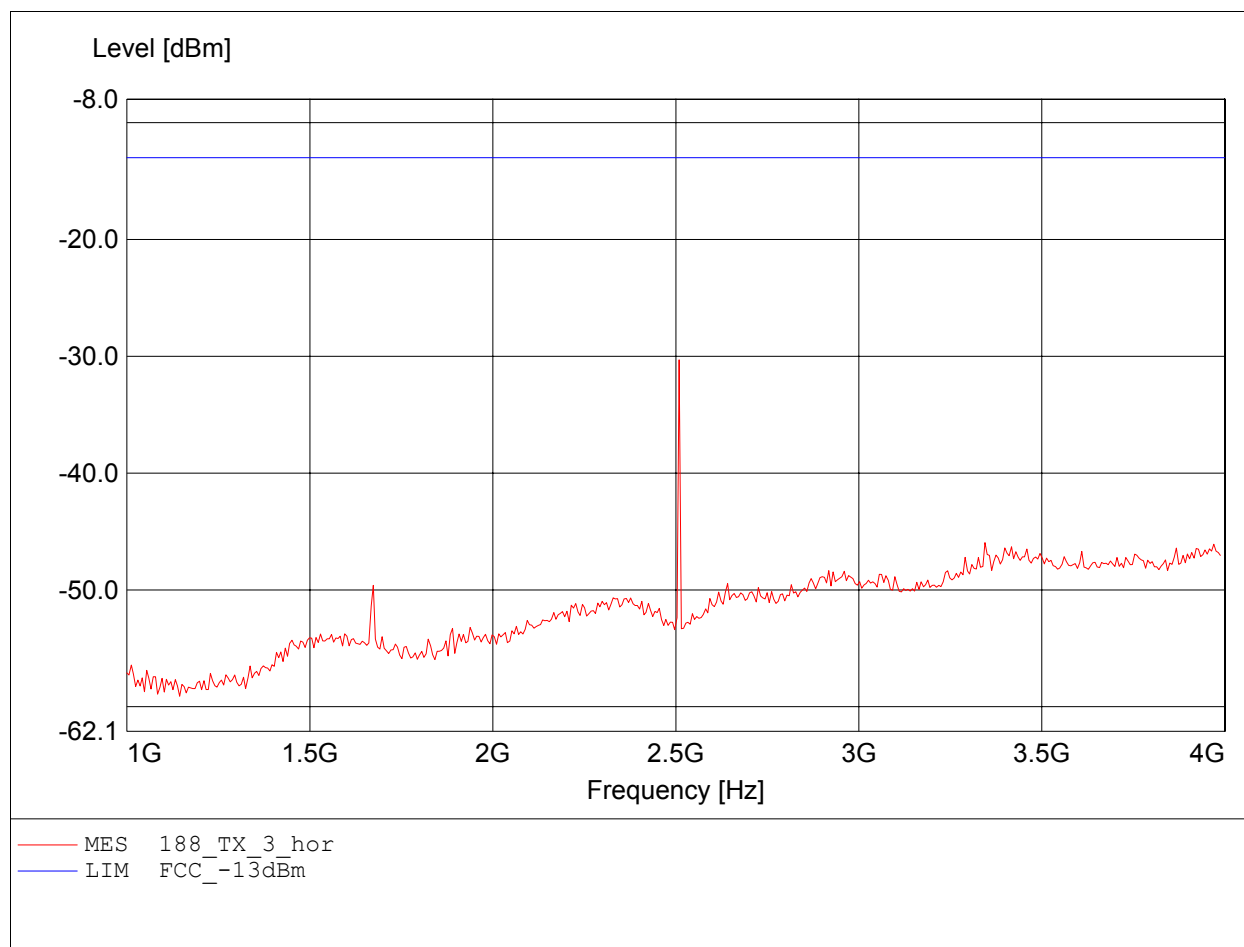
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: Hughes Telematics, Inc. / GOM-1105-1155
EUT / Model: Telematics Unit / AT-100
EDGE 850 / CH: 128 / 2xSlot / Pmax / vertical
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Conditions 1: Tnom.: 24°C / Unom: 13.5 VDC (car power)
Test Conditions 2: Freq. / CH: 128
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 7.607GHz, Pmax: -43.64dBm, RBW: 1MHz



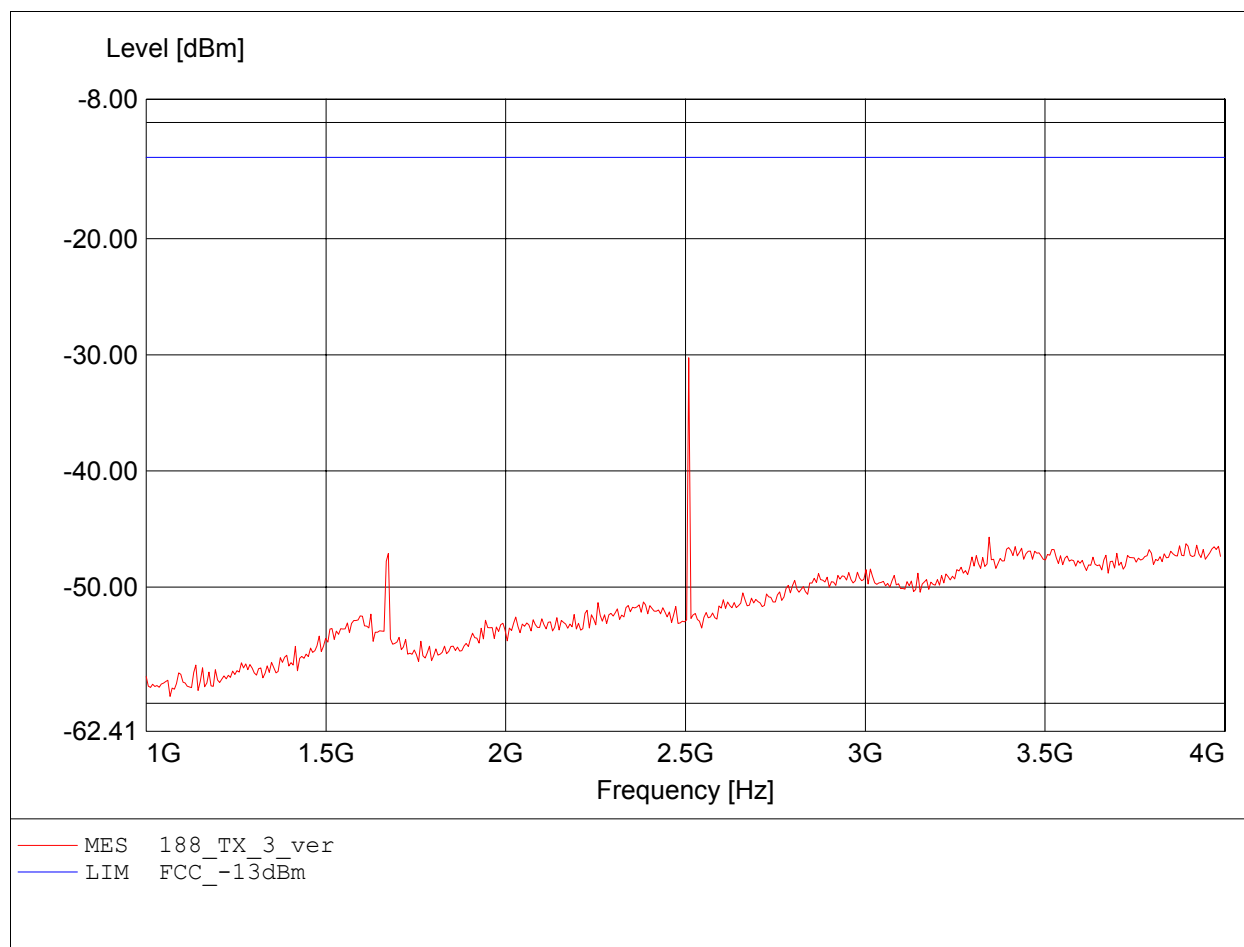
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: Hughes Telematics, Inc. / GOM-1105-1155
EUT / Model: Telematics Unit / AT-100
EDGE 850 / CH: 188 / 2xSlot / Pmax / vertical
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Conditions 1: Tnom.: 24°C / Unom: 13.5 VDC (car power)
Test Conditions 2: Freq. / CH: 188
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 2.509GHz, Pmax: -30.29dBm, RBW: 1MHz



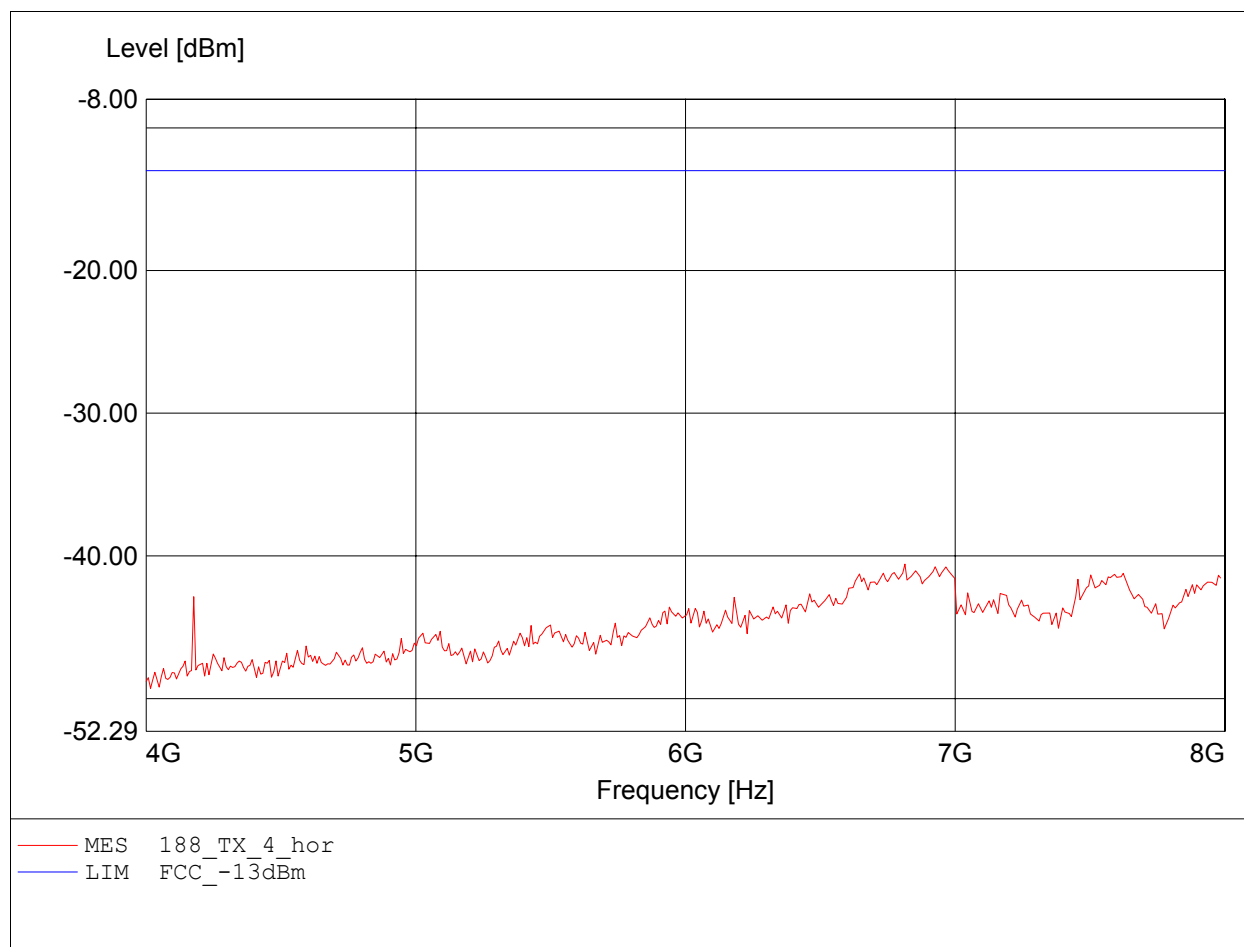
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: Hughes Telematics, Inc. / GOM-1105-1155
EUT / Model: Telematics Unit / AT-100
EDGE 850 / CH: 188 / 2xSlot / Pmax / vertical
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Conditions 1: Tnom.: 24°C / Unom: 13.5 VDC (car power)
Test Conditions 2: Freq. / CH: 188
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 2.509GHz, Pmax: -30.25dBm, RBW: 1MHz



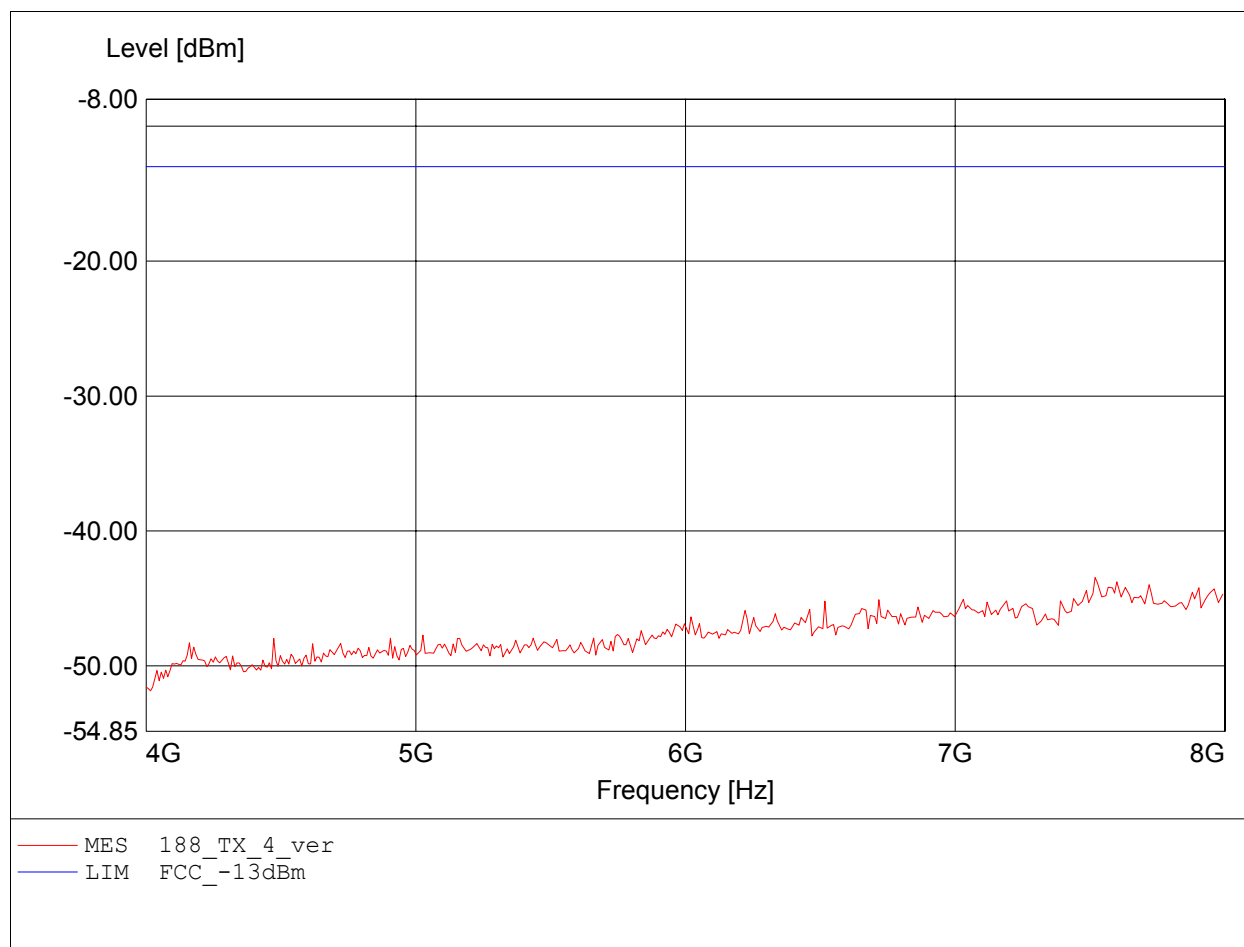
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: Hughes Telematics, Inc. / GOM-1105-1155
EUT / Model: Telematics Unit / AT-100
EDGE 850 / CH: 188 / 2xSlot / Pmax / vertical
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Conditions 1: Tnom.: 24°C / Unom: 13.5 VDC (car power)
Test Conditions 2: Freq. / CH: 188
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 6.814GHz, Pmax: -40.58dBm, RBW: 1MHz



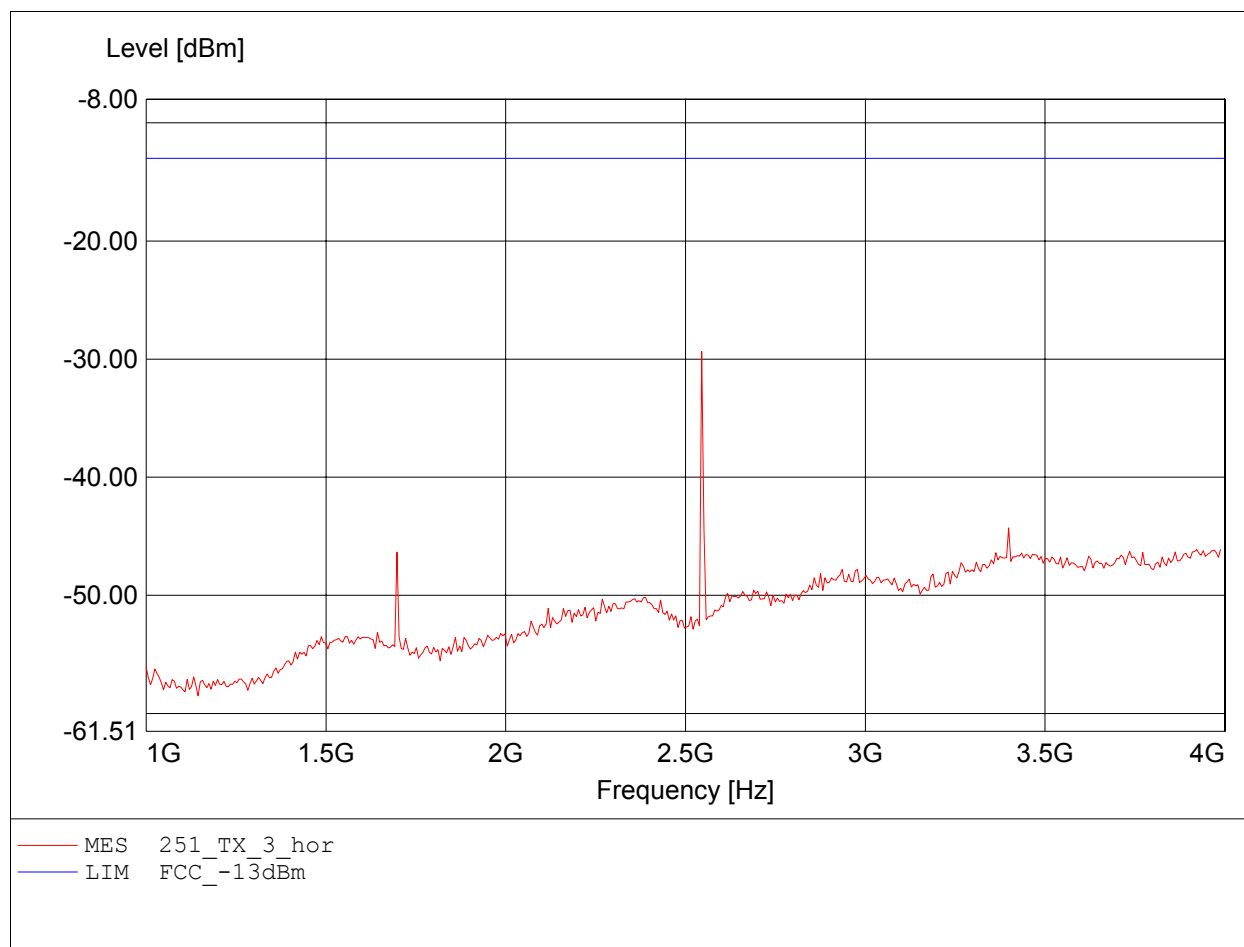
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: Hughes Telematics, Inc. / GOM-1105-1155
EUT / Model: Telematics Unit / AT-100
EDGE 850 / CH: 188 / 2xSlot / Pmax / vertical
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Conditions 1: Tnom.: 24°C / Unom: 13.5 VDC (car power)
Test Conditions 2: Freq. / CH: 188
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 7.519GHz, Pmax: -43.44dBm, RBW: 1MHz



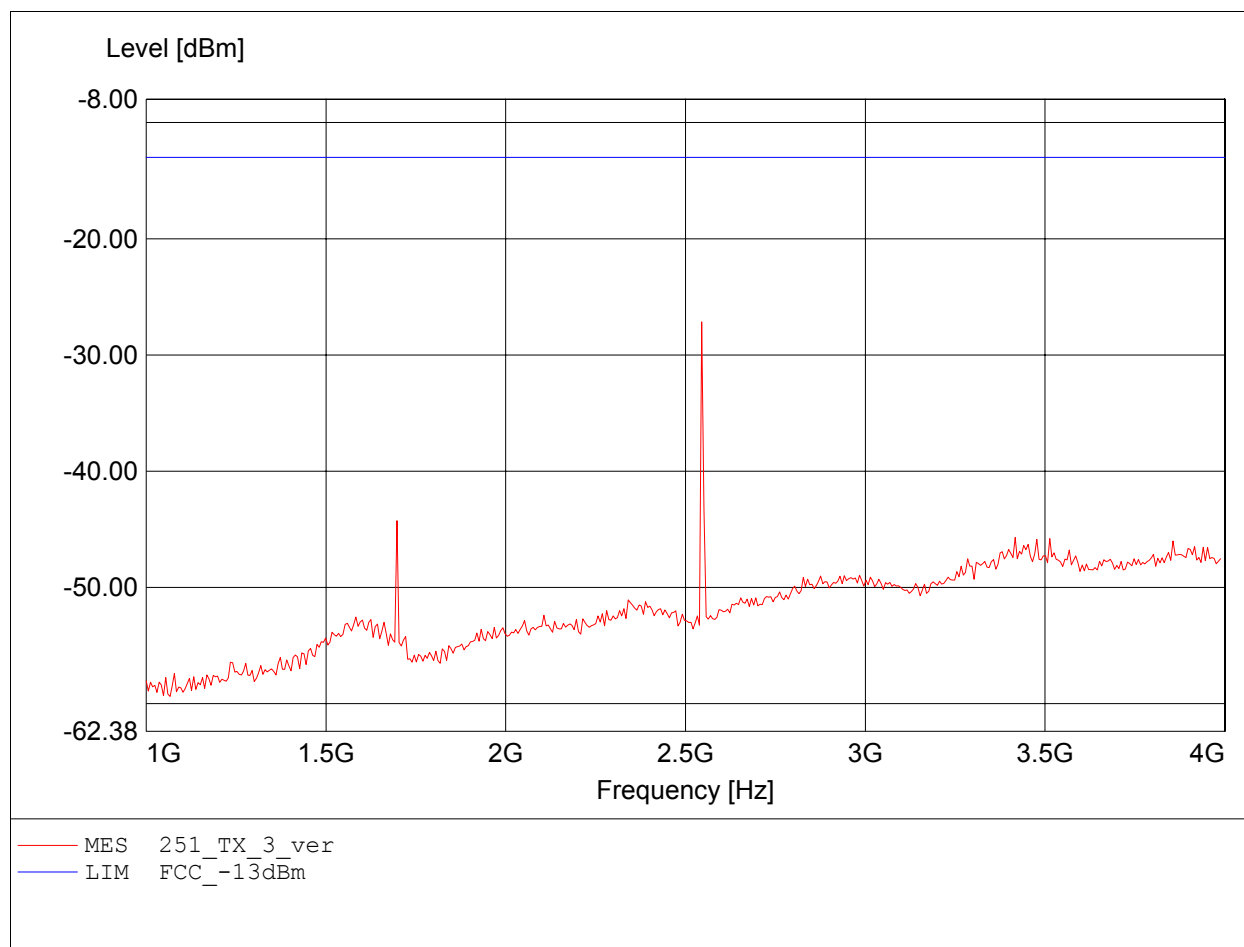
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: Hughes Telematics, Inc. / GOM-1105-1155
EUT / Model: Telematics Unit / AT-100
EDGE 850 / CH: 251 / 2xSlot / Pmax / vertical
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Conditions 1: Tnom.: 24°C / Unom: 13.5 VDC (car power)
Test Conditions 2: Freq. / CH: 251
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 2.545GHz, Pmax: -29.36dBm, RBW: 1MHz



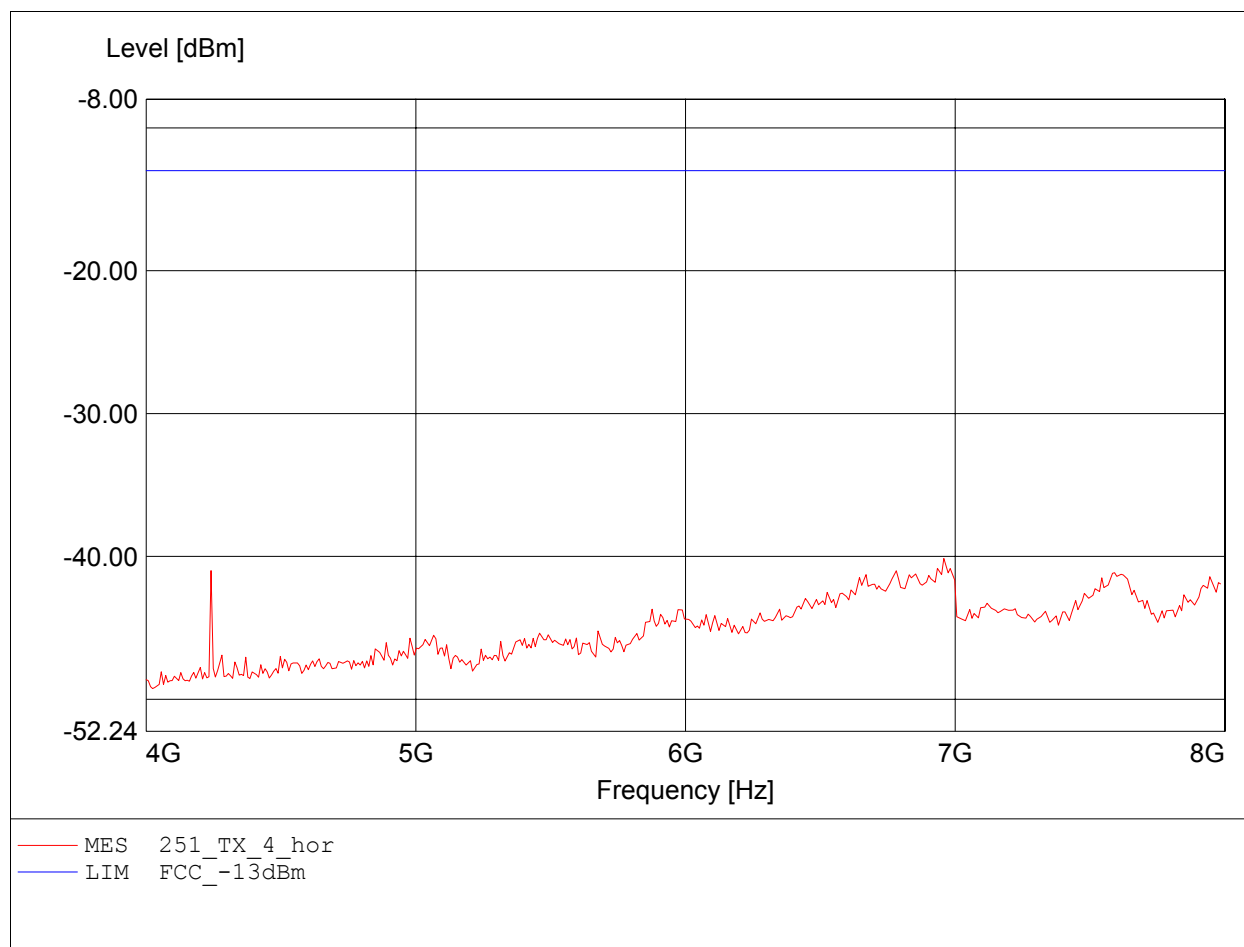
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: Hughes Telematics, Inc. / GOM-1105-1155
EUT / Model: Telematics Unit / AT-100
EDGE 850 / CH: 251 / 2xSlot / Pmax / vertical
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Conditions 1: Tnom.: 24°C / Unom: 13.5 VDC (car power)
Test Conditions 2: Freq. / CH: 251
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 2.545GHz, Pmax: -27.16dBm, RBW: 1MHz



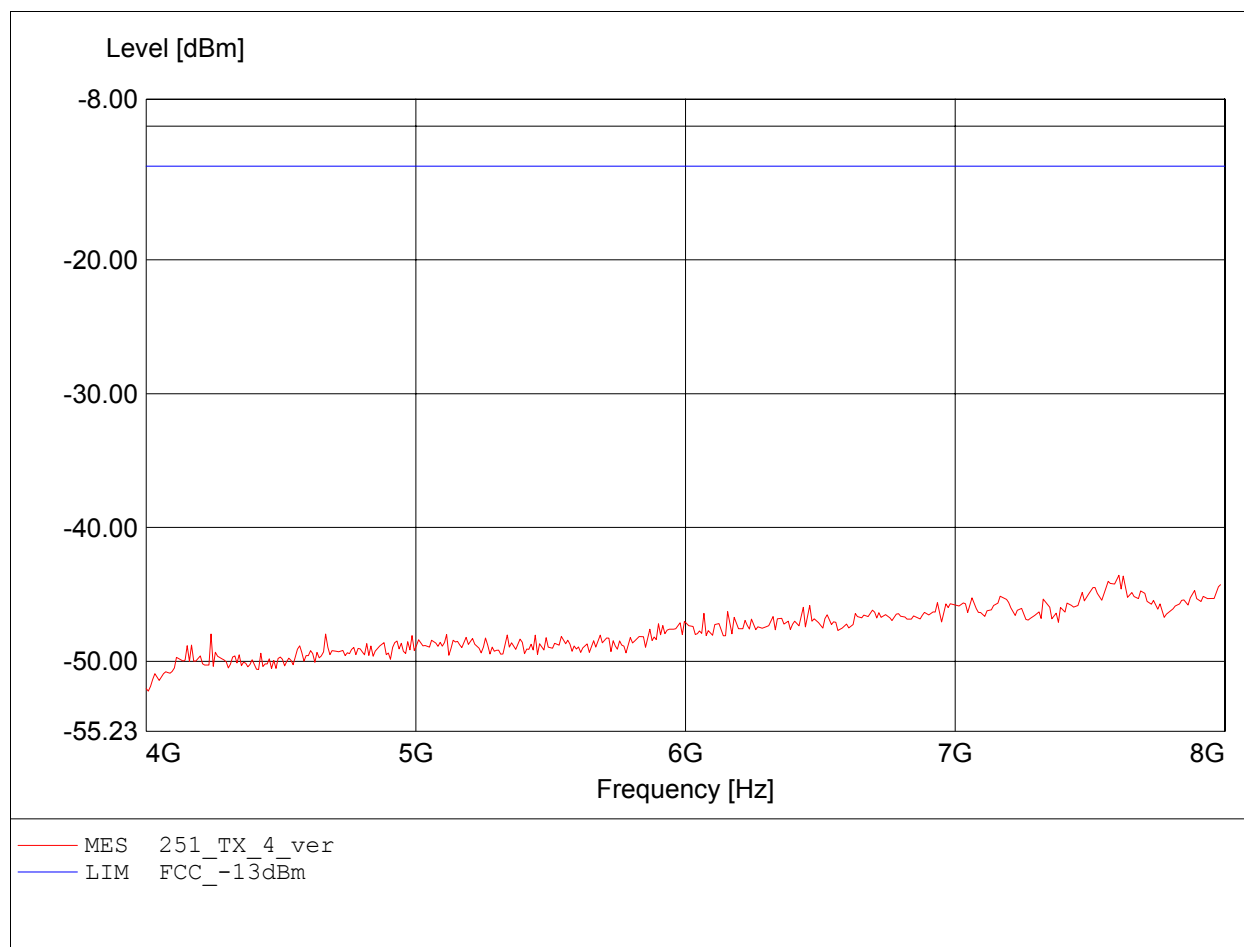
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: Hughes Telematics, Inc. / GOM-1105-1155
EUT / Model: Telematics Unit / AT-100
EDGE 850 / CH: 251 / 2xSlot / Pmax / vertical
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Conditions 1: Tnom.: 24°C / Unom: 13.5 VDC (car power)
Test Conditions 2: Freq. / CH: 251
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 6.958GHz, Pmax: -40.14dBm, RBW: 1MHz



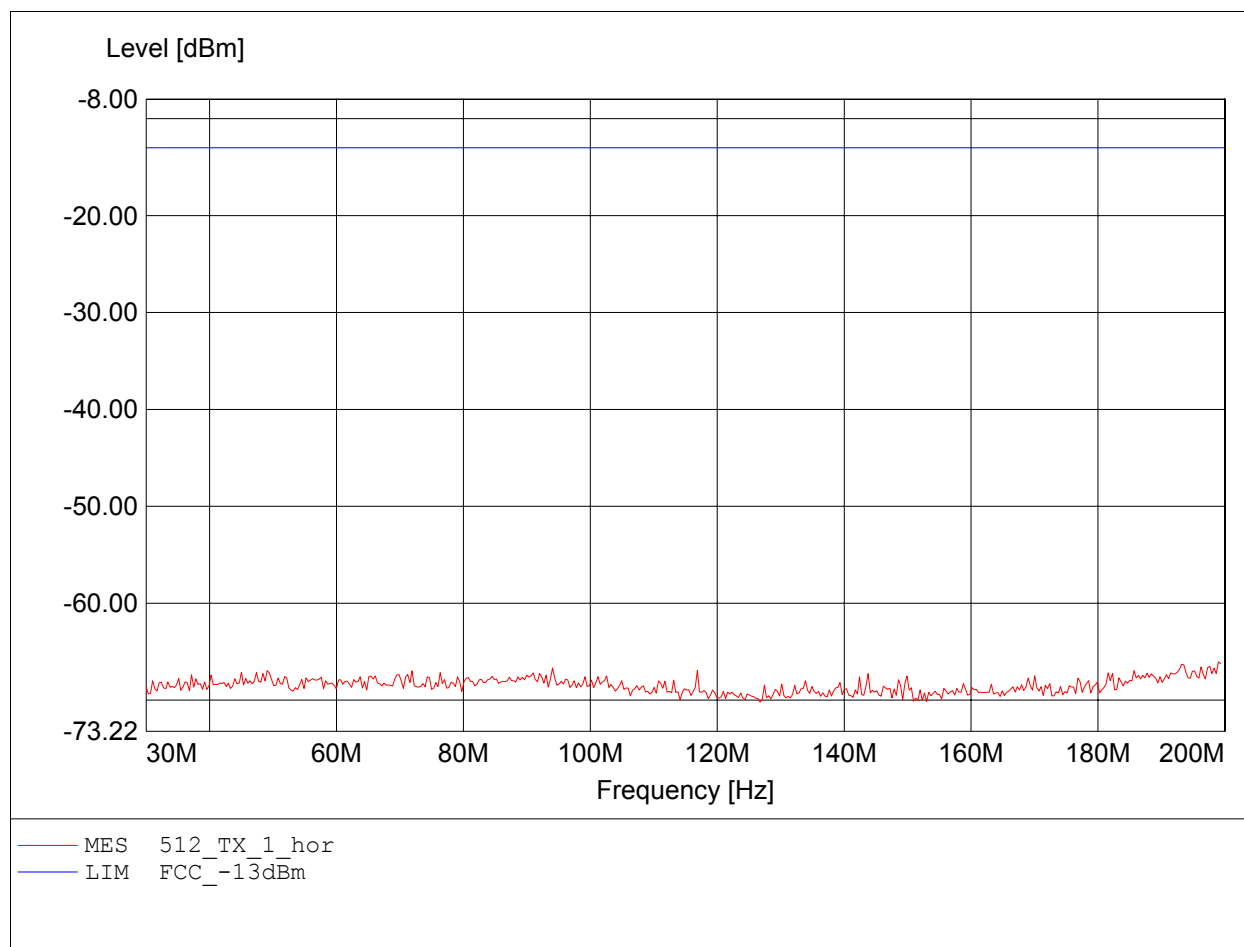
Radiated Emissions Tx
FCC RULES PART 22 SUBPART H

Approval Holder: Hughes Telematics, Inc. / GOM-1105-1155
EUT / Model: Telematics Unit / AT-100
EDGE 850 / CH: 251 / 2xSlot / Pmax / vertical
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Conditions 1: Tnom.: 24°C / Unom: 13.5 VDC (car power)
Test Conditions 2: Freq. / CH: 251
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 7.607GHz, Pmax: -43.57dBm, RBW: 1MHz



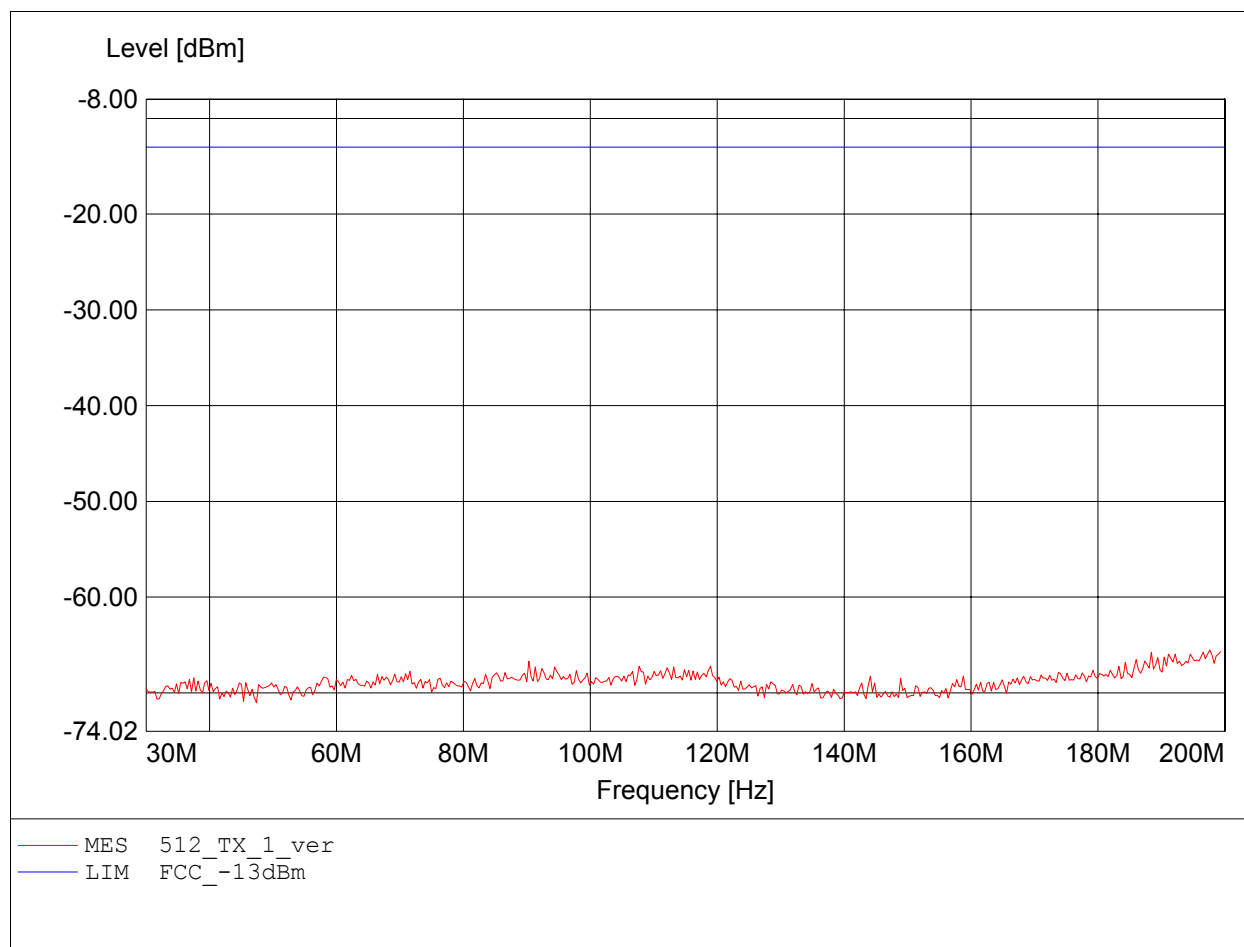
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Hughes Telematics, Inc. / GOM-1105-1155
EUT / Model: Telematics Unit / AT-100
GPRS 1900 / CH: 512 / 2xSlot / Pmax / vertical
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Conditions 1: Tnom.: 24°C / Unom: 13.5 VDC (car power)
Test Conditions 2: Freq. / CH: 512
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 198.978MHz, Pmax: -66.06dBm, RBW: 100kHz



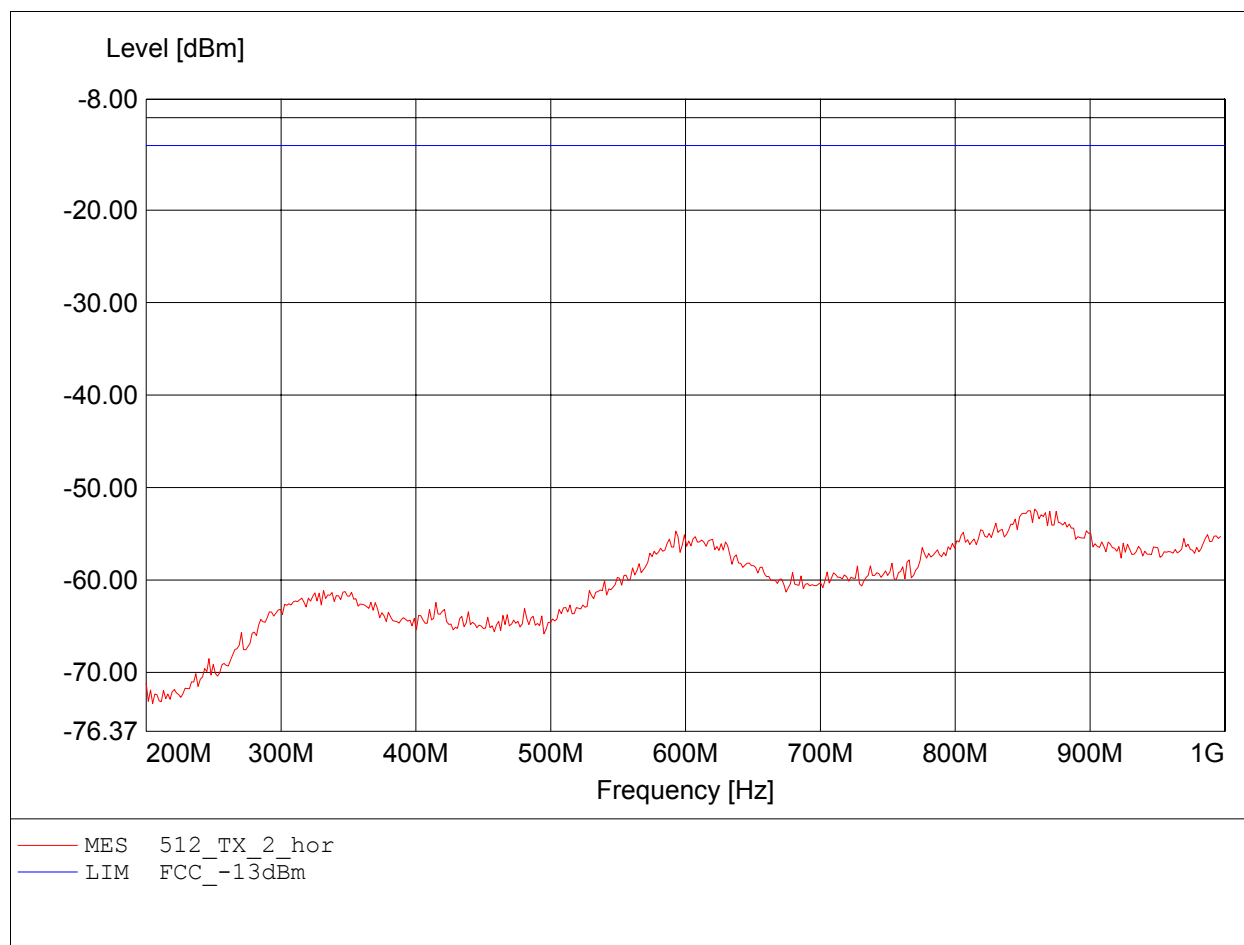
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Hughes Telematics, Inc. / GOM-1105-1155
EUT / Model: Telematics Unit / AT-100
GPRS 1900 / CH: 512 / 2xSlot / Pmax / vertical
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Conditions 1: Tnom.: 24°C / Unom: 13.5 VDC (car power)
Test Conditions 2: Freq. / CH: 512
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 197.615MHz, Pmax: -65.52dBm, RBW: 100kHz



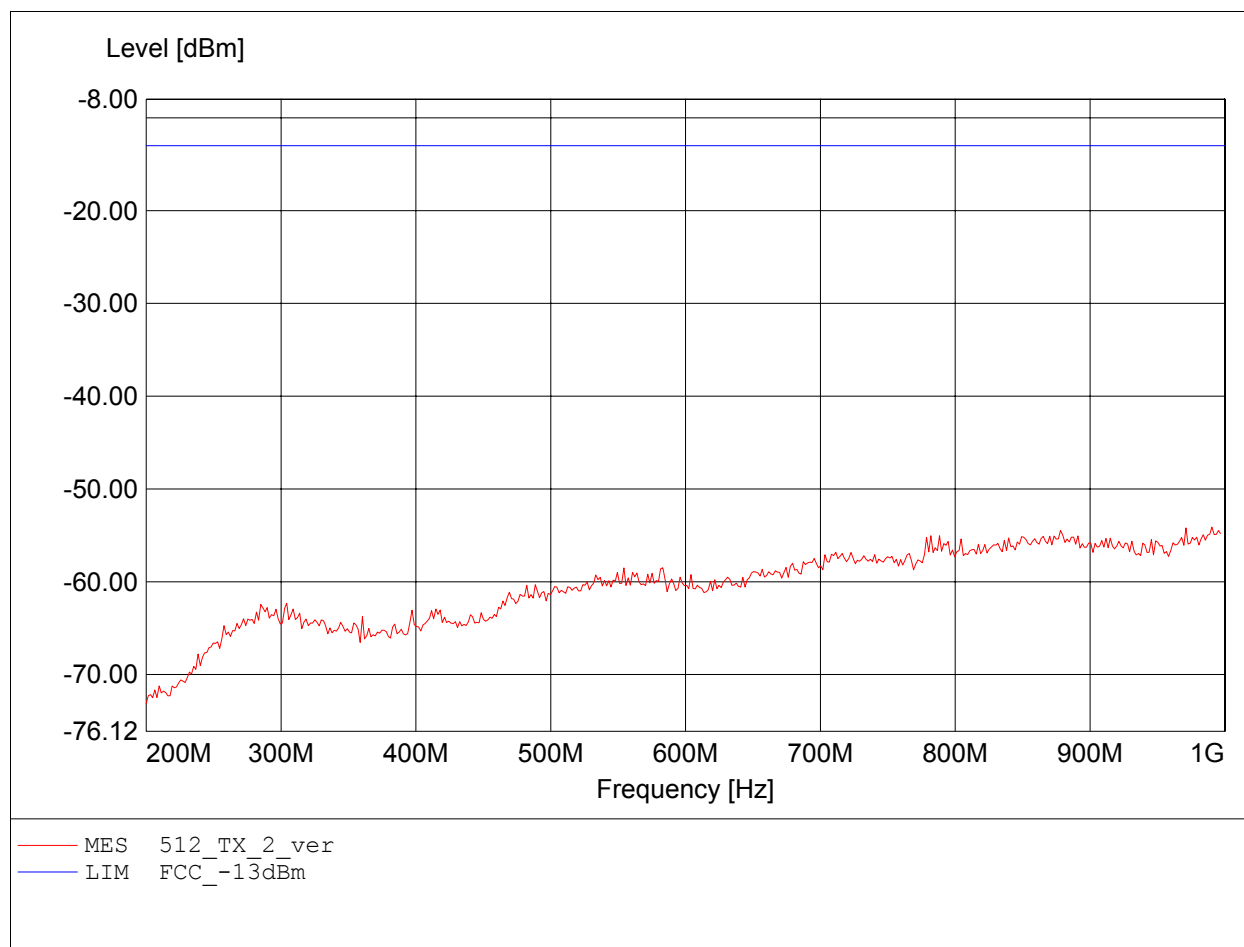
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Hughes Telematics, Inc. / GOM-1105-1155
EUT / Model: Telematics Unit / AT-100
GPRS 1900 / CH: 512 / 2xSlot / Pmax / vertical
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Conditions 1: Tnom.: 24°C / Unom: 13.5 VDC (car power)
Test Conditions 2: Freq. / CH: 512
Comment 1: Dist.: 3m, Ant.: HL 223
Comment 2: Freq: 858.918MHz, Pmax: -52.34dBm, RBW: 100kHz



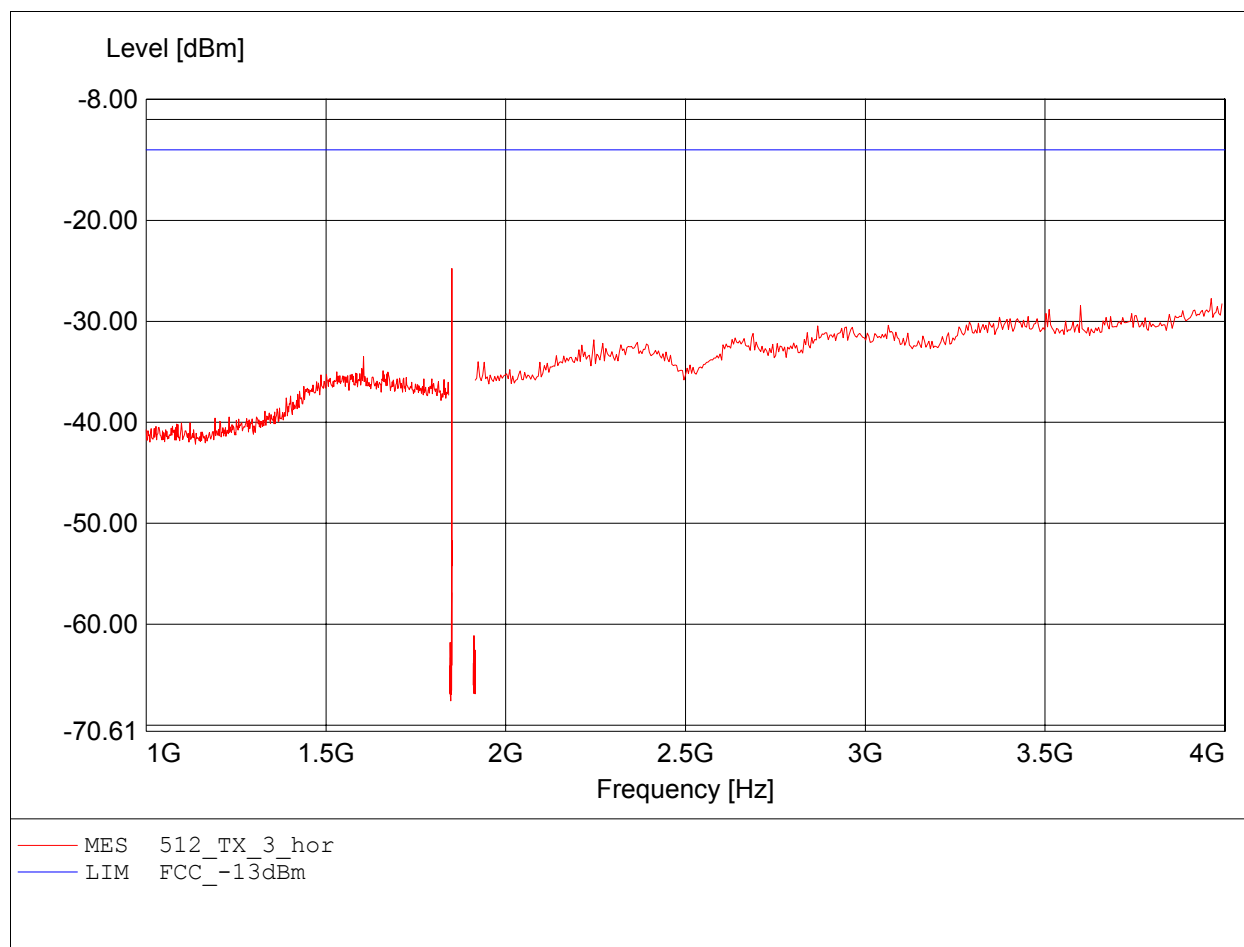
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Hughes Telematics, Inc. / GOM-1105-1155
EUT / Model: Telematics Unit / AT-100
GPRS 1900 / CH: 512 / 2xSlot / Pmax / vertical
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Conditions 1: Tnom.: 24°C / Unom: 13.5 VDC (car power)
Test Conditions 2: Freq. / CH: 512
Comment 1: Dist.: 3m, Ant.: HL 223
Comment 2: Freq: 990.381MHz, Pmax: -54.12dBm, RBW: 100kHz



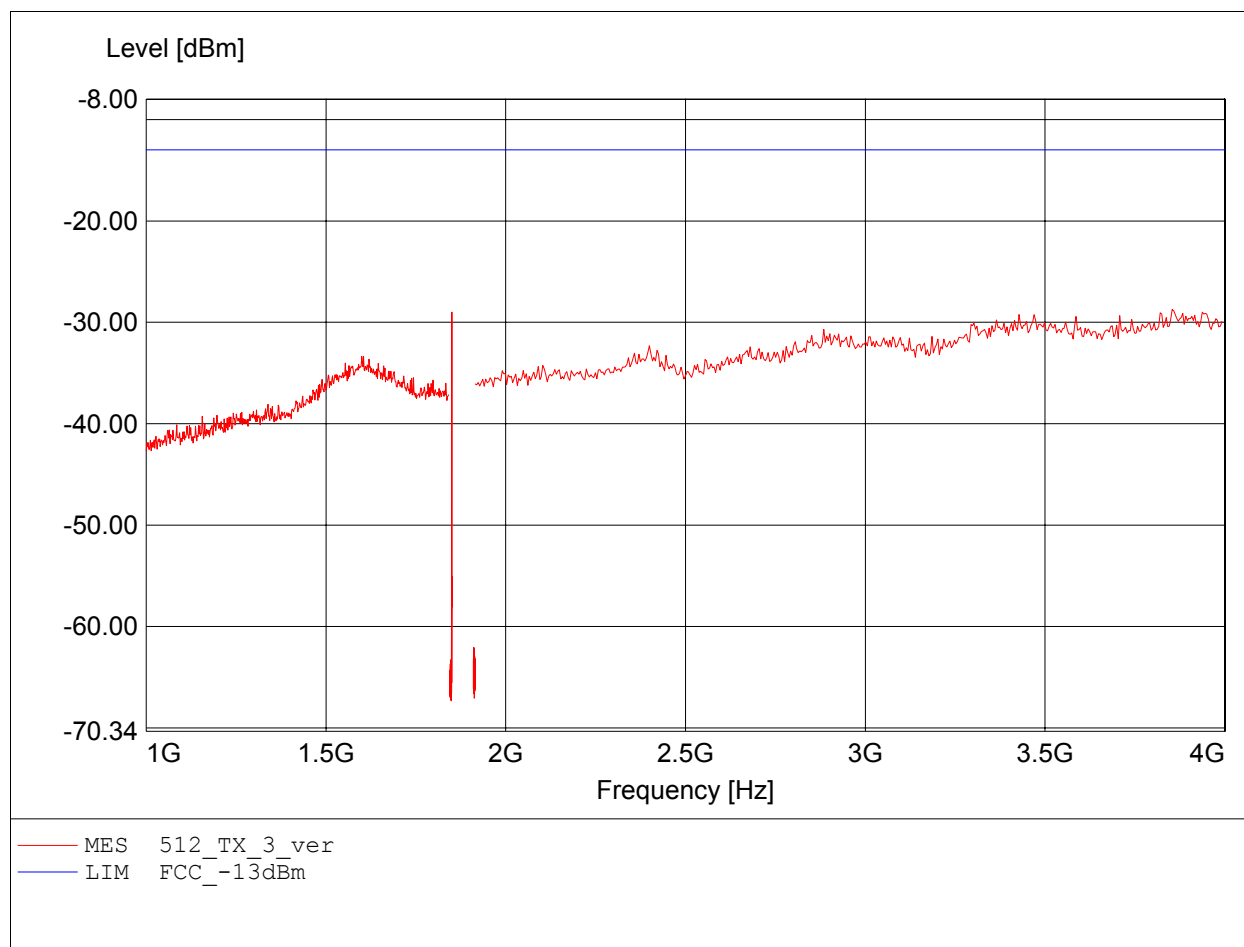
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Hughes Telematics, Inc. / GOM-1105-1155
EUT / Model: Telematics Unit / AT-100
GPRS 1900 / CH: 512 / 2xSlot / Pmax / vertical
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Conditions 1: Tnom.: 24°C / Unom: 13.5 VDC (car power)
Test Conditions 2: Freq. / CH: 512
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 1.850GHz, Pmax: -24.75dBm, RBW: 1MHz/3kHz



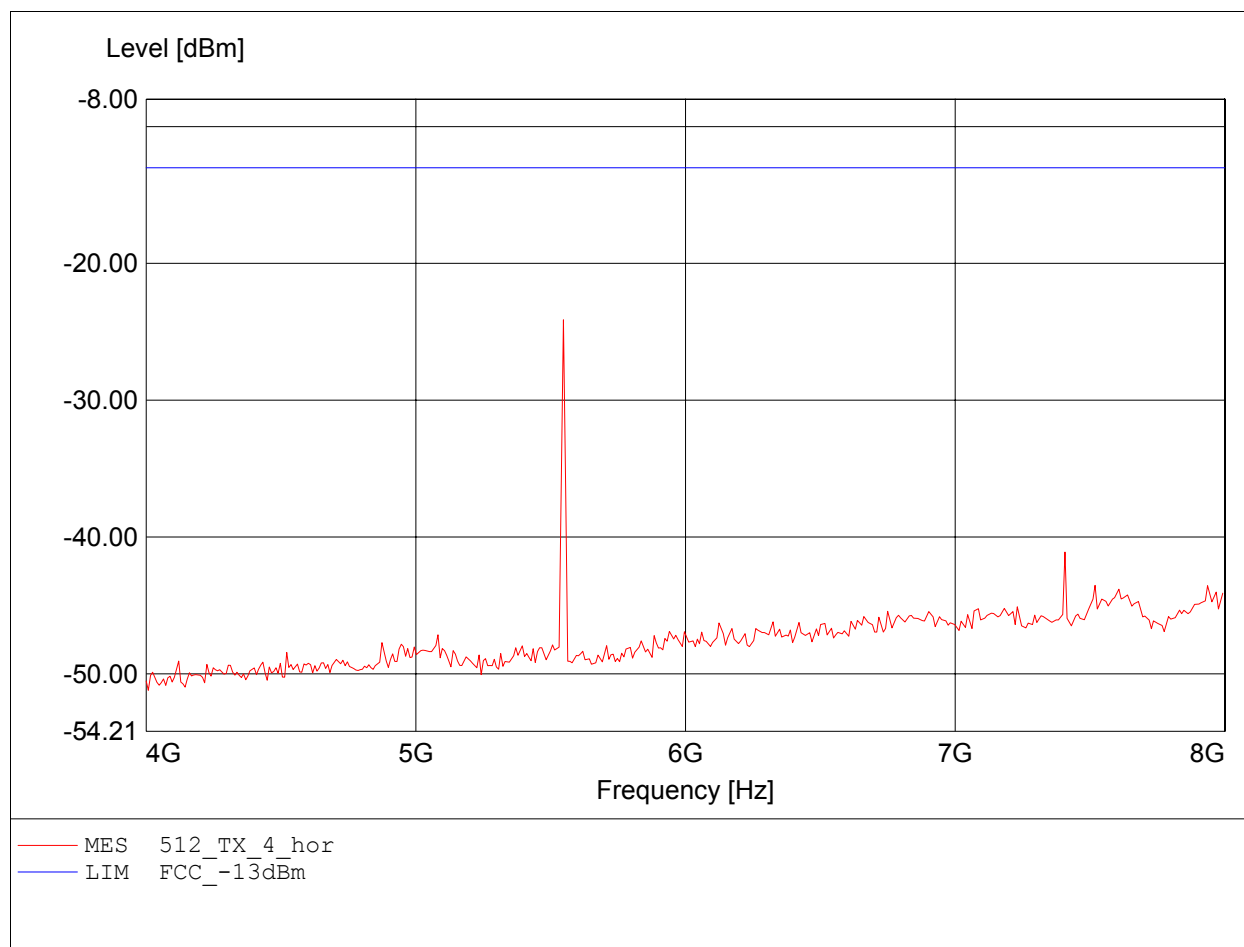
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Hughes Telematics, Inc. / GOM-1105-1155
EUT / Model: Telematics Unit / AT-100
GPRS 1900 / CH: 512 / 2xSlot / Pmax / vertical
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Conditions 1: Tnom.: 24°C / Unom: 13.5 VDC (car power)
Test Conditions 2: Freq. / CH: 512
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 3.854GHz, Pmax: -28.74dBm, RBW: 1MHz/3kHz



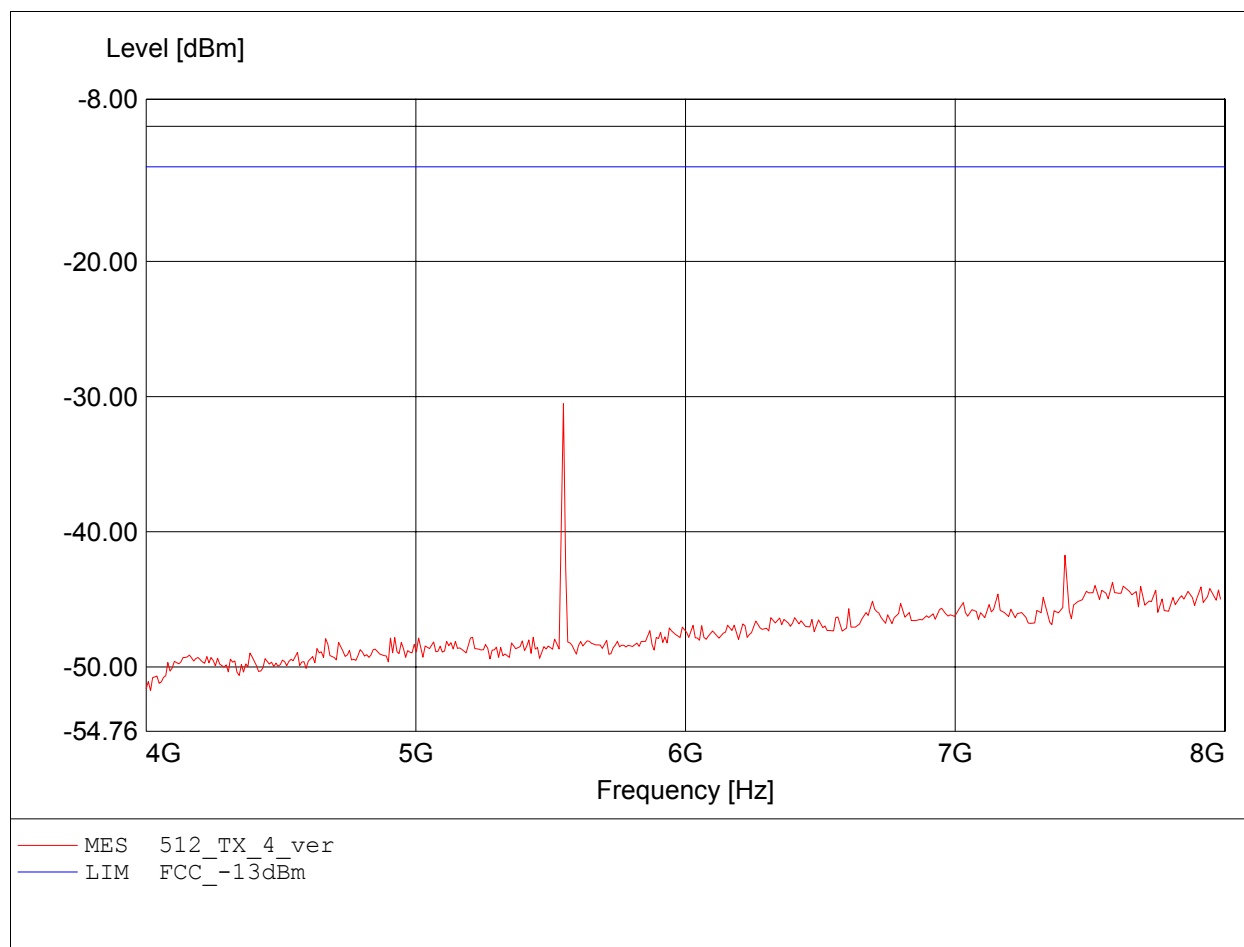
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Hughes Telematics, Inc. / GOM-1105-1155
EUT / Model: Telematics Unit / AT-100
GPRS 1900 / CH: 512 / 2xSlot / Pmax / vertical
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Conditions 1: Tnom.: 24°C / Unom: 13.5 VDC (car power)
Test Conditions 2: Freq. / CH: 512
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 5.547GHz, Pmax: -24.13dBm, RBW: 1MHz



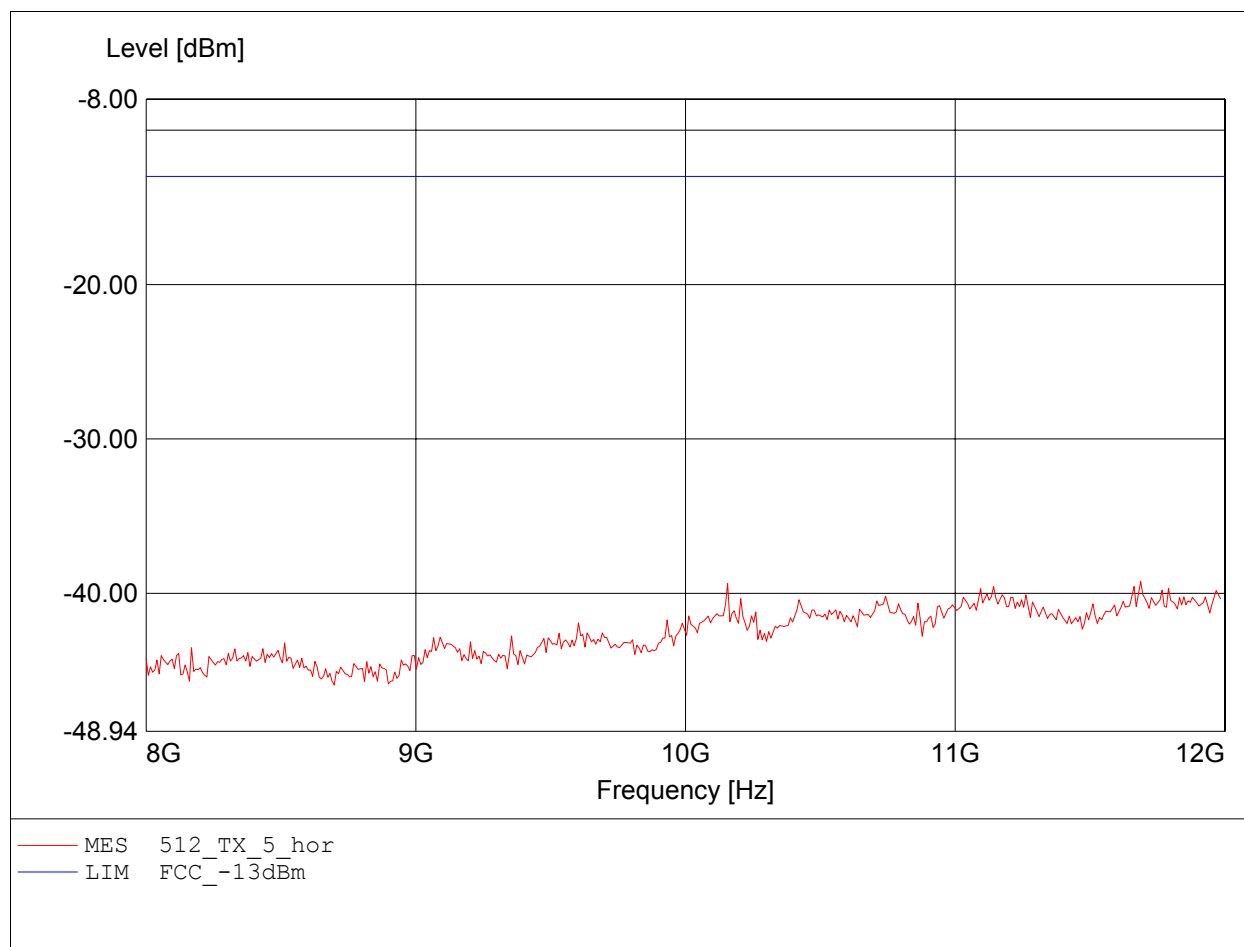
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Hughes Telematics, Inc. / GOM-1105-1155
EUT / Model: Telematics Unit / AT-100
GPRS 1900 / CH: 512 / 2xSlot / Pmax / vertical
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Conditions 1: Tnom.: 24°C / Unom: 13.5 VDC (car power)
Test Conditions 2: Freq. / CH: 512
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 5.547GHz, Pmax: -30.53dBm, RBW: 1MHz



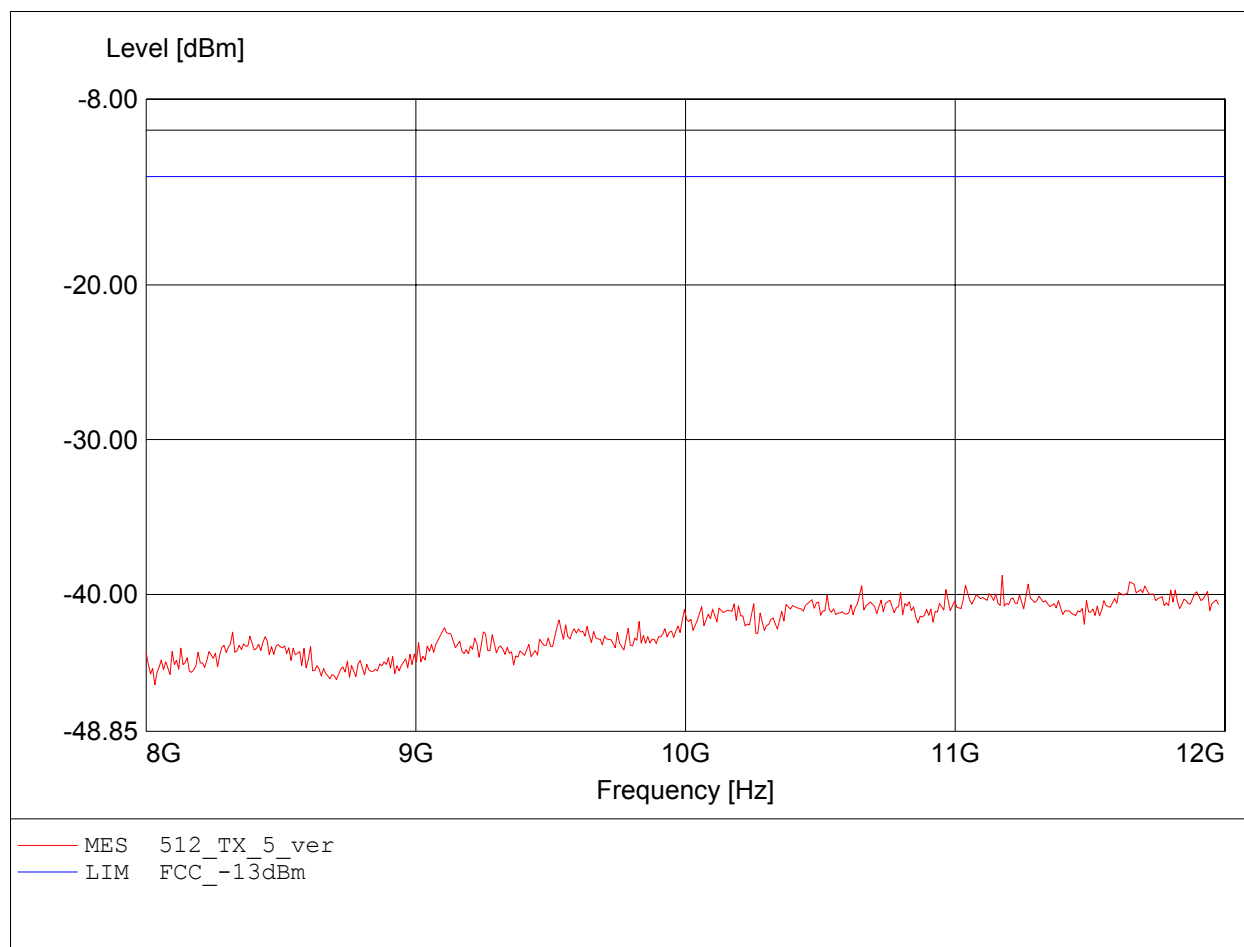
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Hughes Telematics, Inc. / GOM-1105-1155
EUT / Model: Telematics Unit / AT-100
GPRS 1900 / CH: 512 / 2xSlot / Pmax / vertical
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Conditions 1: Tnom.: 24°C / Unom: 13.5 VDC (car power)
Test Conditions 2: Freq. / CH: 512
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 11.687GHz, Pmax: -39.24dBm, RBW: 1MHz



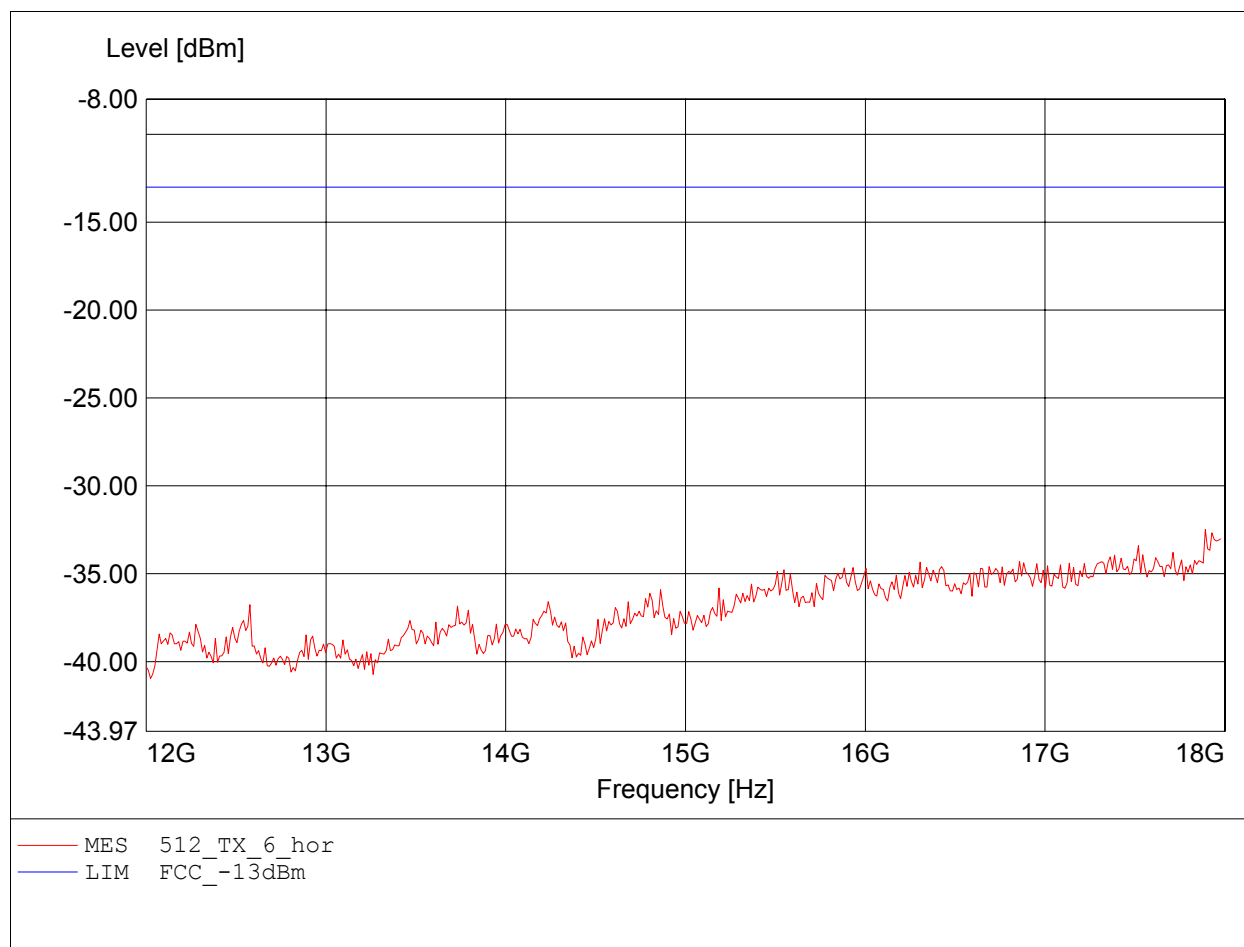
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Hughes Telematics, Inc. / GOM-1105-1155
EUT / Model: Telematics Unit / AT-100
GPRS 1900 / CH: 512 / 2xSlot / Pmax / vertical
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Conditions 1: Tnom.: 24°C / Unom: 13.5 VDC (car power)
Test Conditions 2: Freq. / CH: 512
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 11.174GHz, Pmax: -38.77dBm, RBW: 1MHz



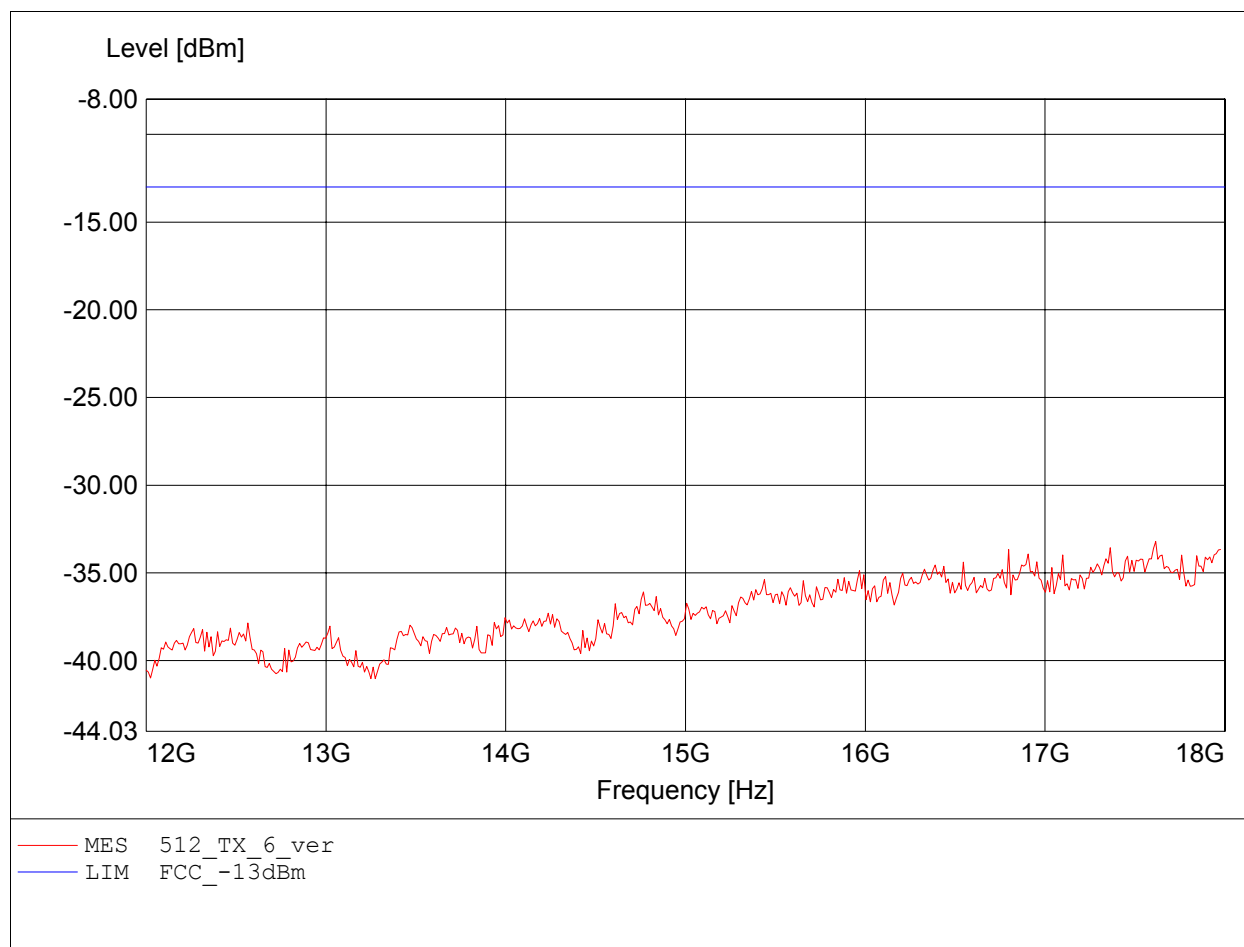
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Hughes Telematics, Inc. / GOM-1105-1155
EUT / Model: Telematics Unit / AT-100
GPRS 1900 / CH: 512 / 2xSlot / Pmax / vertical
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Conditions 1: Tnom.: 24°C / Unom: 13.5 VDC (car power)
Test Conditions 2: Freq. / CH: 512
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 17.892GHz, Pmax: -32.49dBm, RBW: 1MHz



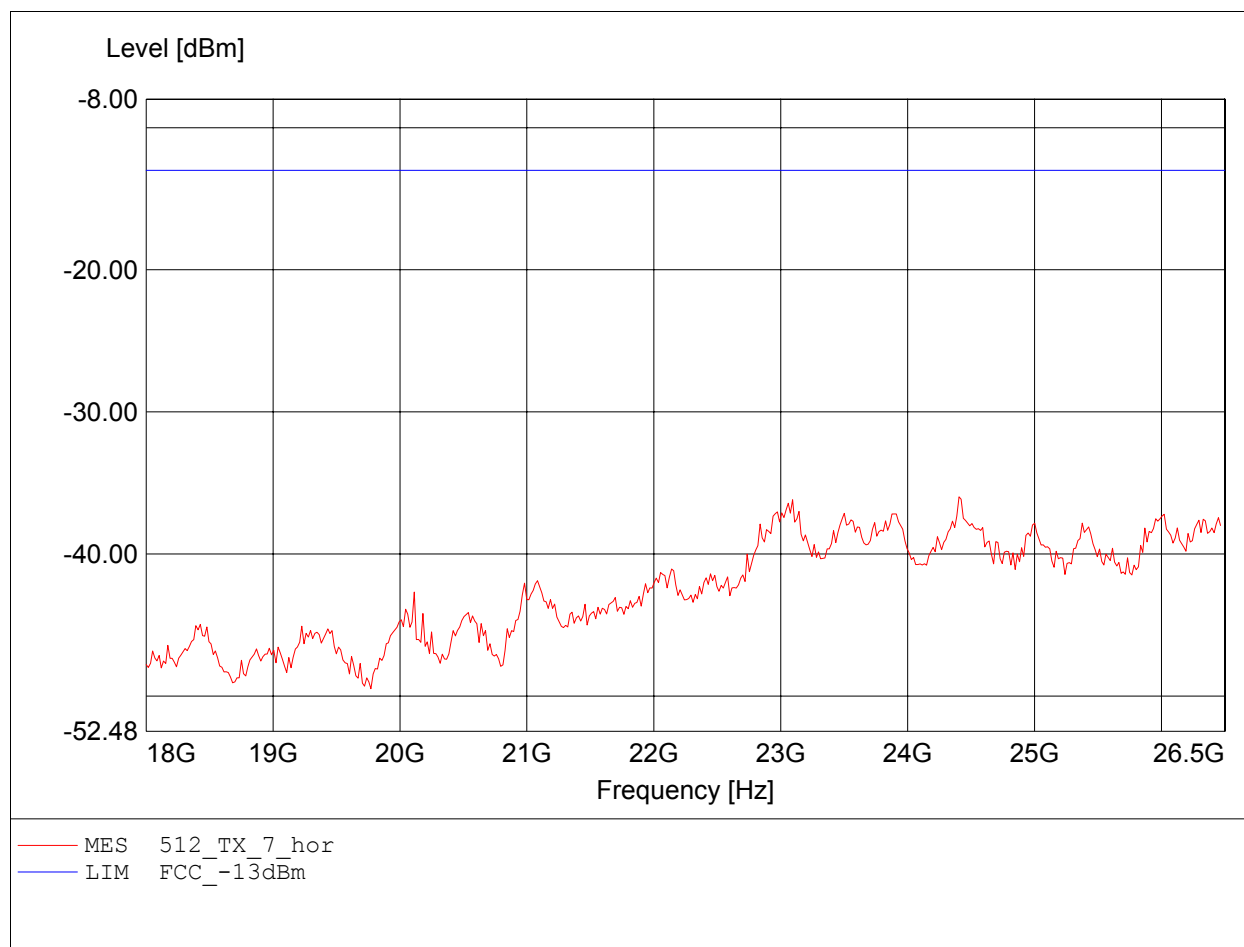
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Hughes Telematics, Inc. / GOM-1105-1155
EUT / Model: Telematics Unit / AT-100
GPRS 1900 / CH: 512 / 2xSlot / Pmax / vertical
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Conditions 1: Tnom.: 24°C / Unom: 13.5 VDC (car power)
Test Conditions 2: Freq. / CH: 512
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 17.615GHz, Pmax: -33.21dBm, RBW: 1MHz



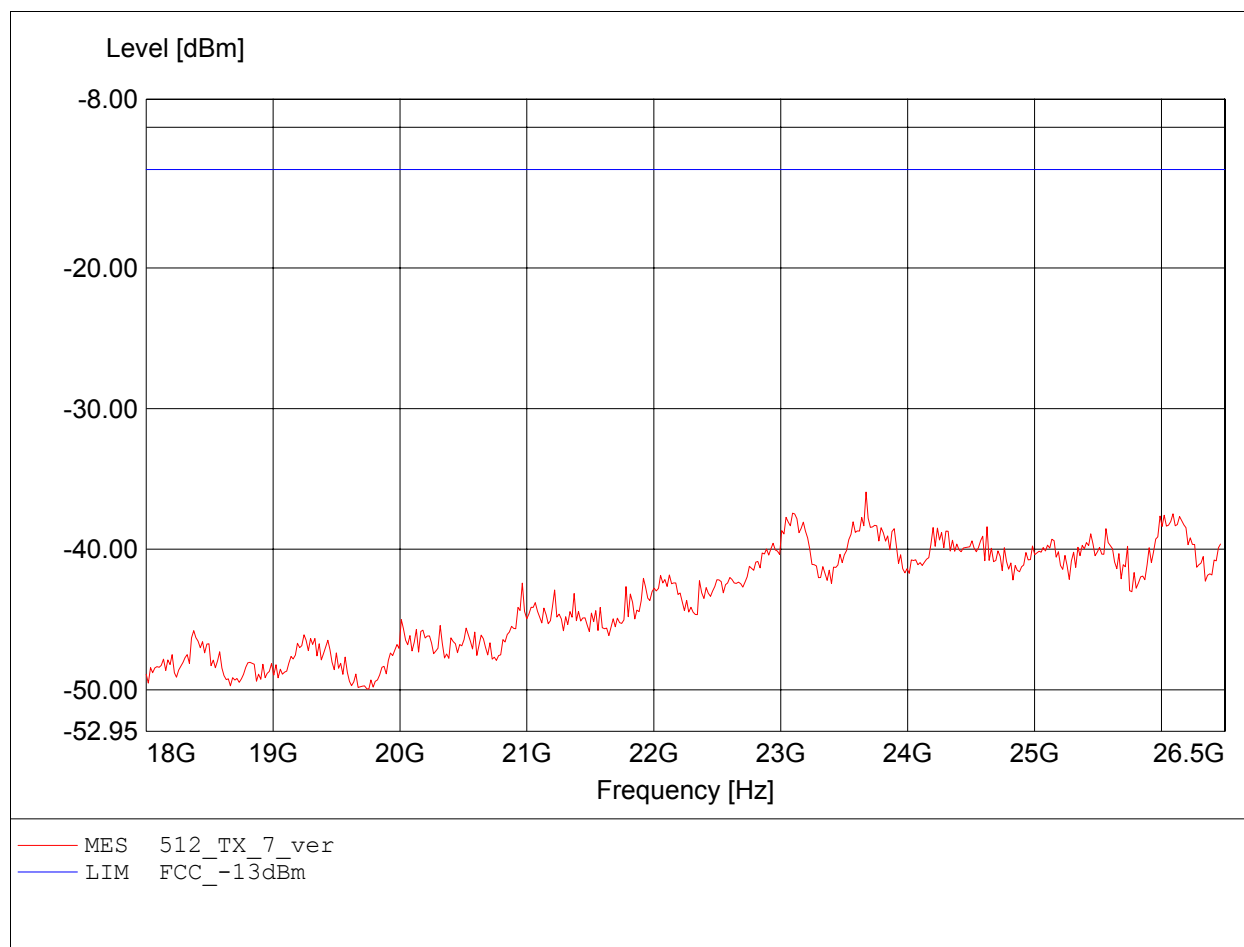
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Hughes Telematics, Inc. / GOM-1105-1155
EUT / Model: Telematics Unit / AT-100
GPRS 1900 / CH: 512 / 2xSlot / Pmax / vertical
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Conditions 1: Tnom.: 24°C / Unom: 13.5 VDC (car power)
Test Conditions 2: Freq. / CH: 512
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 24.405GHz, Pmax: -35.98dBm, RBW: 1MHz



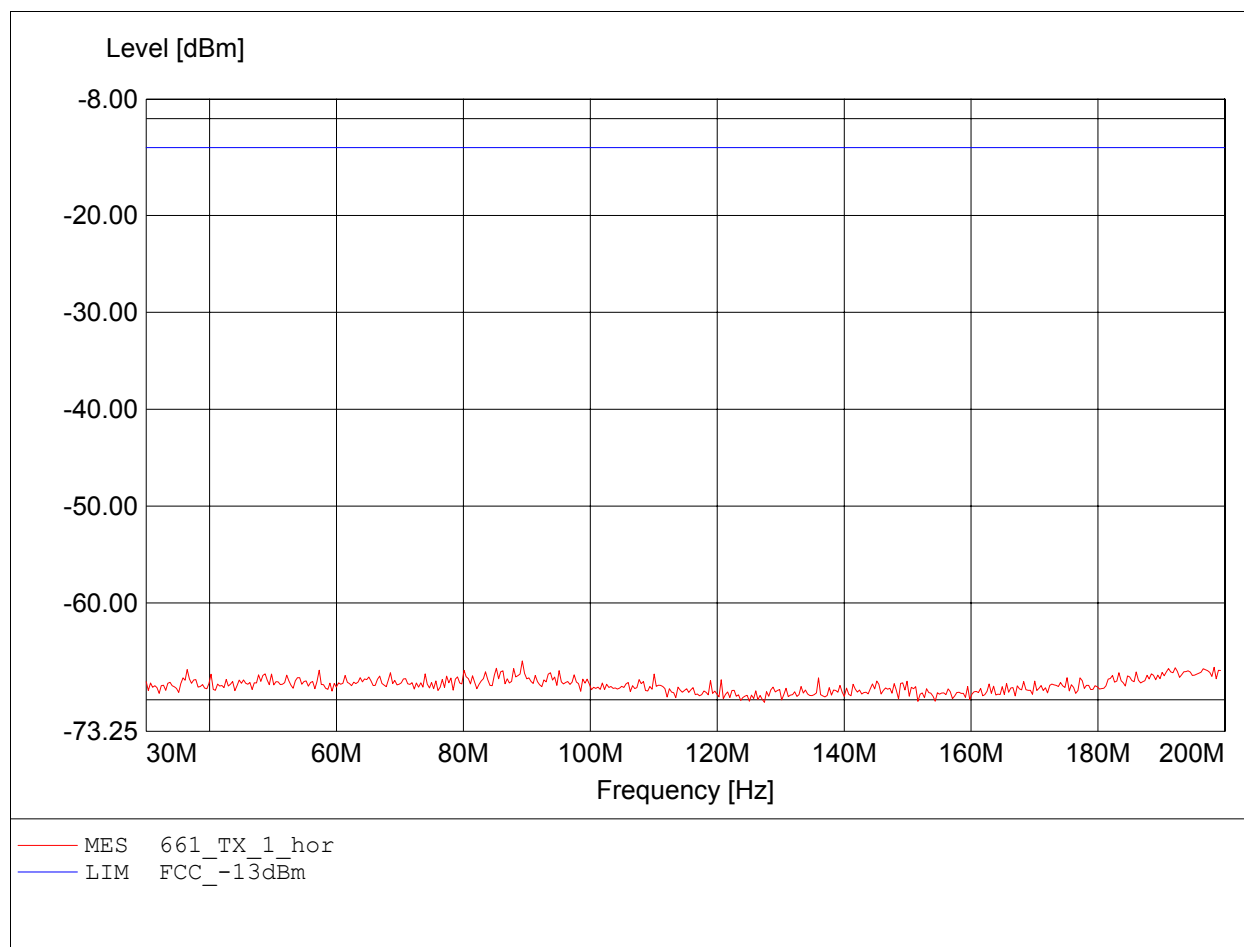
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Hughes Telematics, Inc. / GOM-1105-1155
EUT / Model: Telematics Unit / AT-100
GPRS 1900 / CH: 512 / 2xSlot / Pmax / vertical
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Conditions 1: Tnom.: 24°C / Unom: 13.5 VDC (car power)
Test Conditions 2: Freq. / CH: 512
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 23.672GHz, Pmax: -35.93dBm, RBW: 1MHz



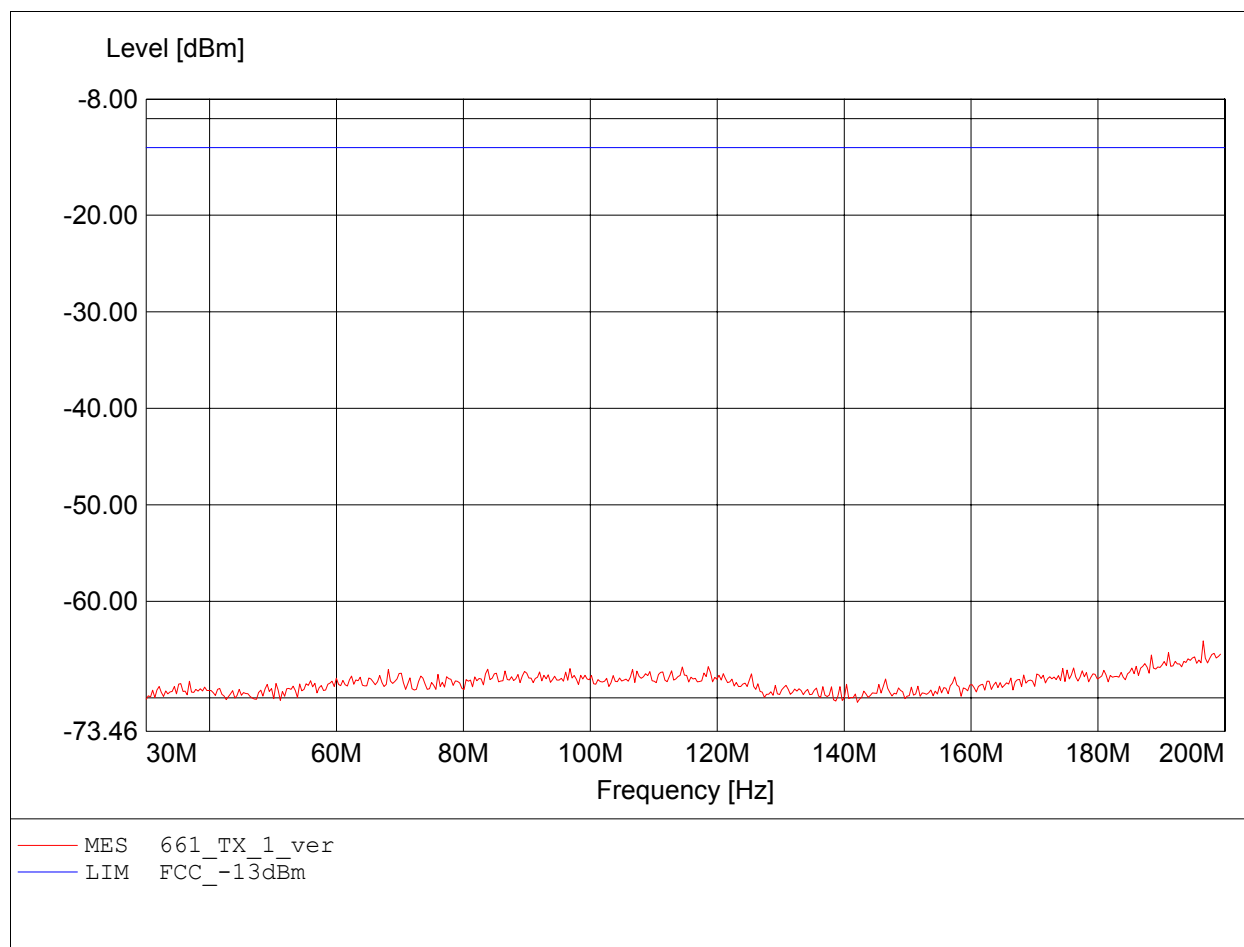
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Hughes Telematics, Inc. / GOM-1105-1155
EUT / Model: Telematics Unit / AT-100
GPRS 1900 / CH: 661 / 2xSlot / Pmax / vertical
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Conditions 1: Tnom.: 24°C / Unom: 13.5 VDC (car power)
Test Conditions 2: Freq. / CH: 661
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 89.279MHz, Pmax: -65.98dBm, RBW: 100kHz



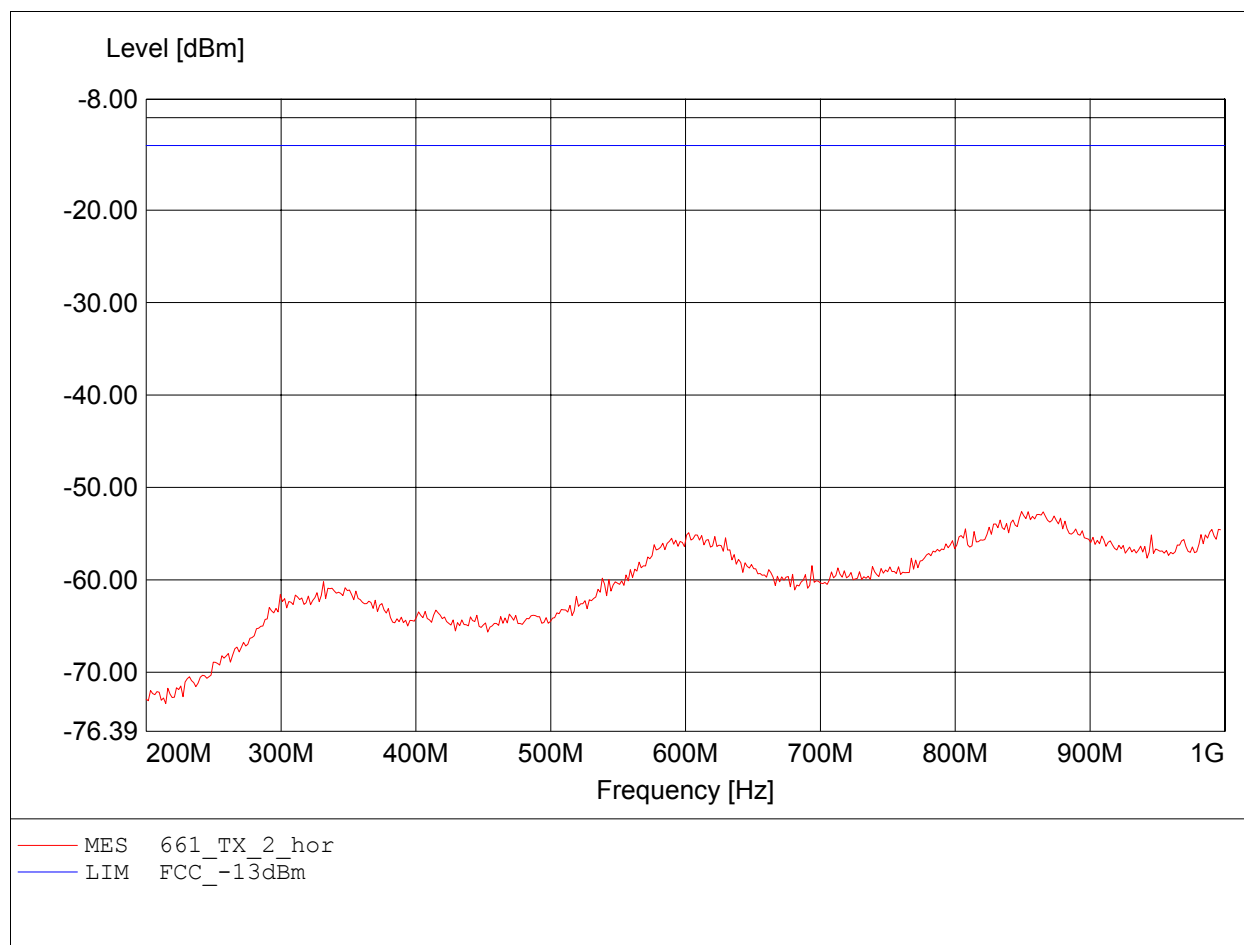
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Hughes Telematics, Inc. / GOM-1105-1155
EUT / Model: Telematics Unit / AT-100
GPRS 1900 / CH: 661 / 2xSlot / Pmax / vertical
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Conditions 1: Tnom.: 24°C / Unom: 13.5 VDC (car power)
Test Conditions 2: Freq. / CH: 661
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq: 196.593MHz, Pmax: -64.09dBm, RBW: 100kHz



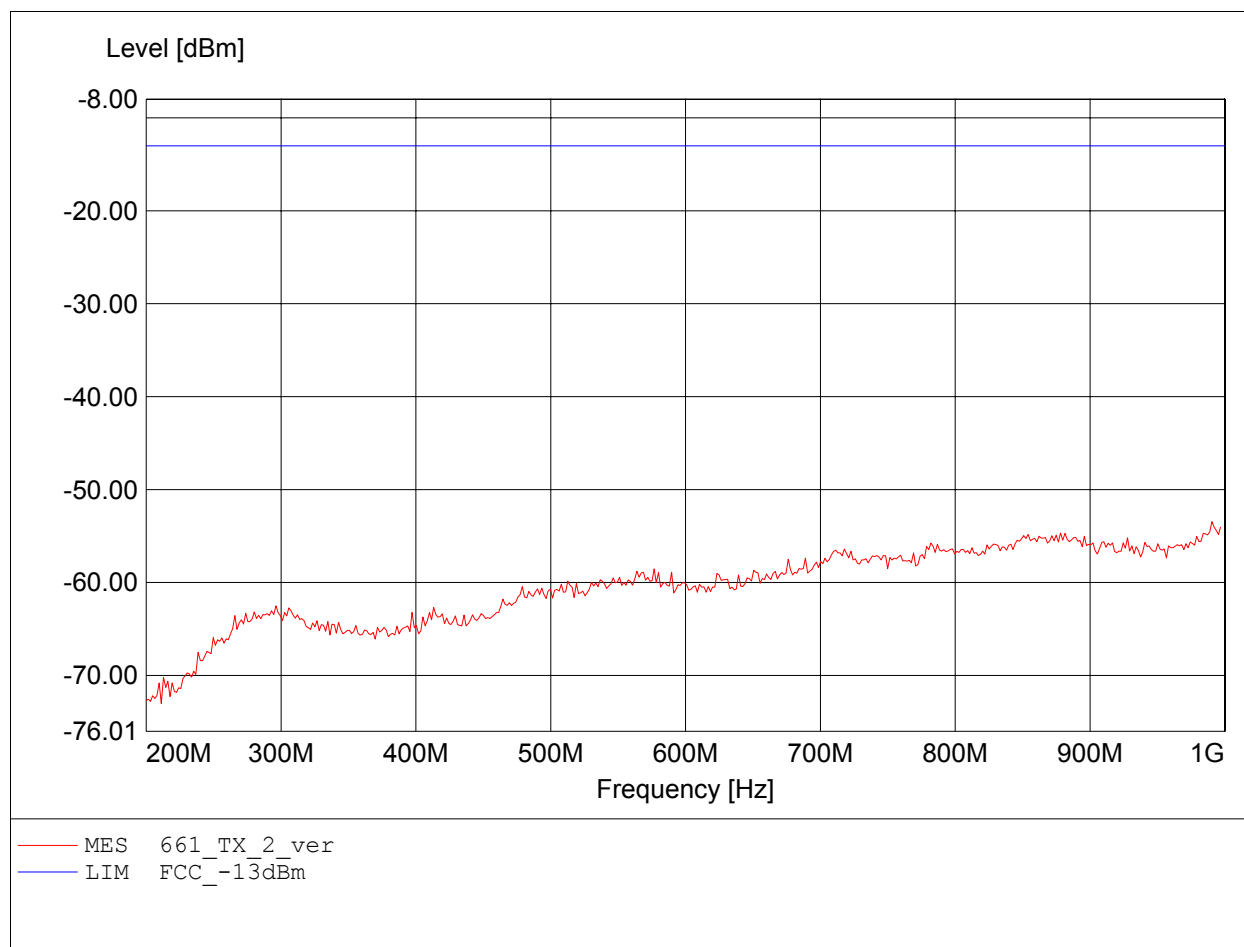
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Hughes Telematics, Inc. / GOM-1105-1155
EUT / Model: Telematics Unit / AT-100
GPRS 1900 / CH: 661 / 2xSlot / Pmax / vertical
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Conditions 1: Tnom.: 24°C / Unom: 13.5 VDC (car power)
Test Conditions 2: Freq. / CH: 661
Comment 1: Dist.: 3m, Ant.: HL 223
Comment 2: Freq: 849.299MHz, Pmax: -52.62dBm, RBW: 100kHz



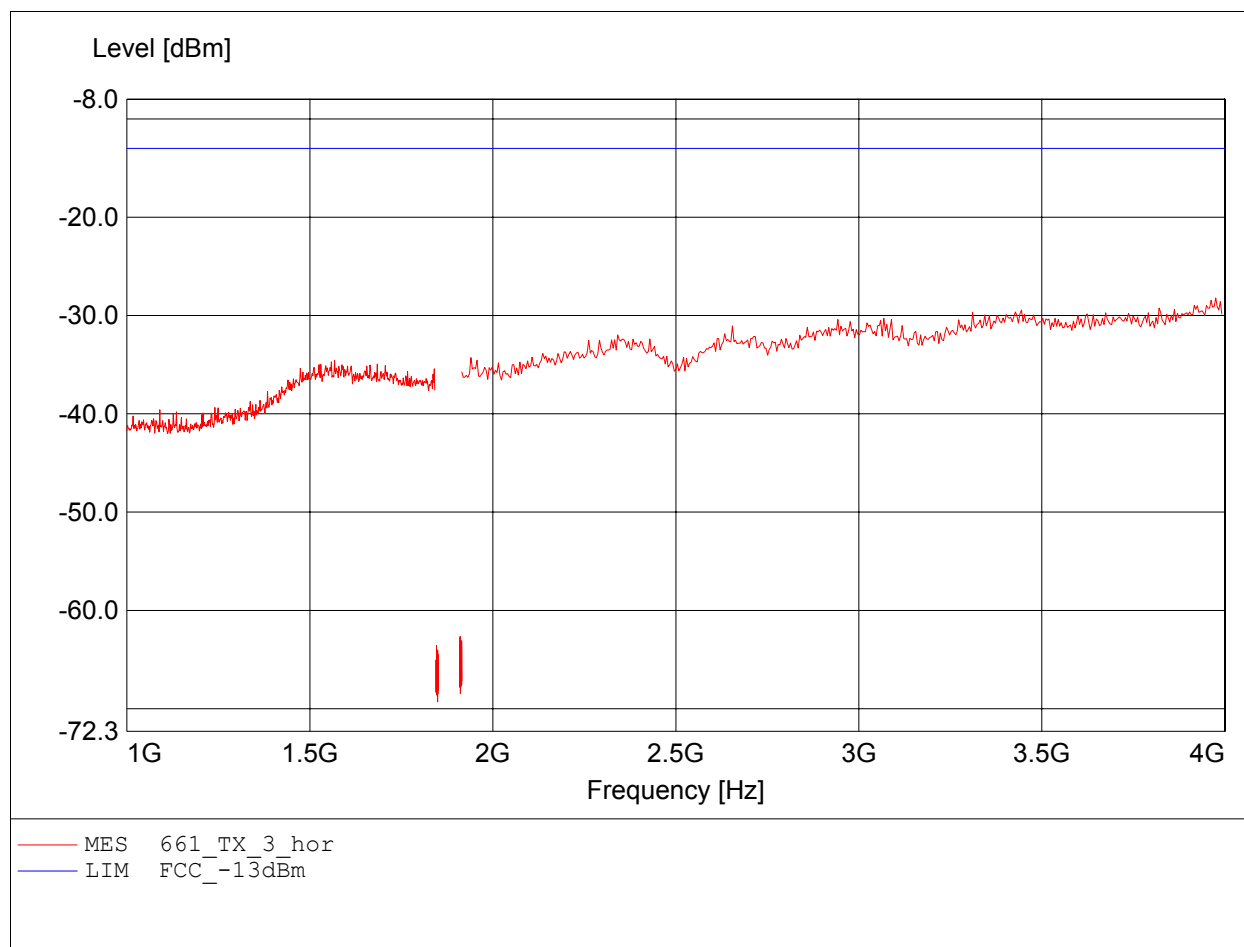
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Hughes Telematics, Inc. / GOM-1105-1155
EUT / Model: Telematics Unit / AT-100
GPRS 1900 / CH: 661 / 2xSlot / Pmax / vertical
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Conditions 1: Tnom.: 24°C / Unom: 13.5 VDC (car power)
Test Conditions 2: Freq. / CH: 661
Comment 1: Dist.: 3m, Ant.: HL 223
Comment 2: Freq: 990.381MHz, Pmax: -53.44dBm, RBW: 100kHz



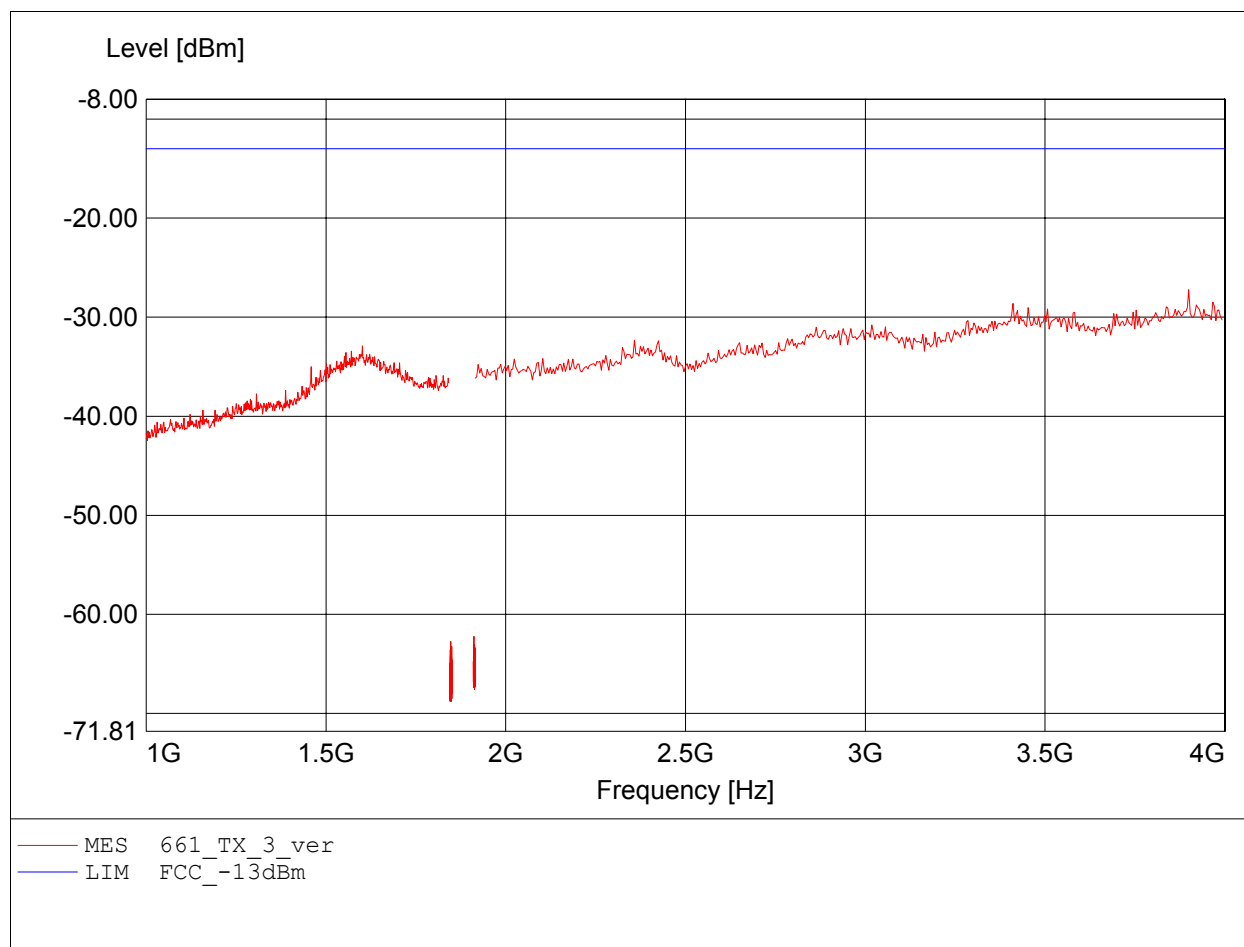
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Hughes Telematics, Inc. / GOM-1105-1155
EUT / Model: Telematics Unit / AT-100
GPRS 1900 / CH: 661 / 2xSlot / Pmax / vertical
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Conditions 1: Tnom.: 24°C / Unom: 13.5 VDC (car power)
Test Conditions 2: Freq. / CH: 661
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 3.975GHz, Pmax: -28.20dBm, RBW: 1MHz/3kHz



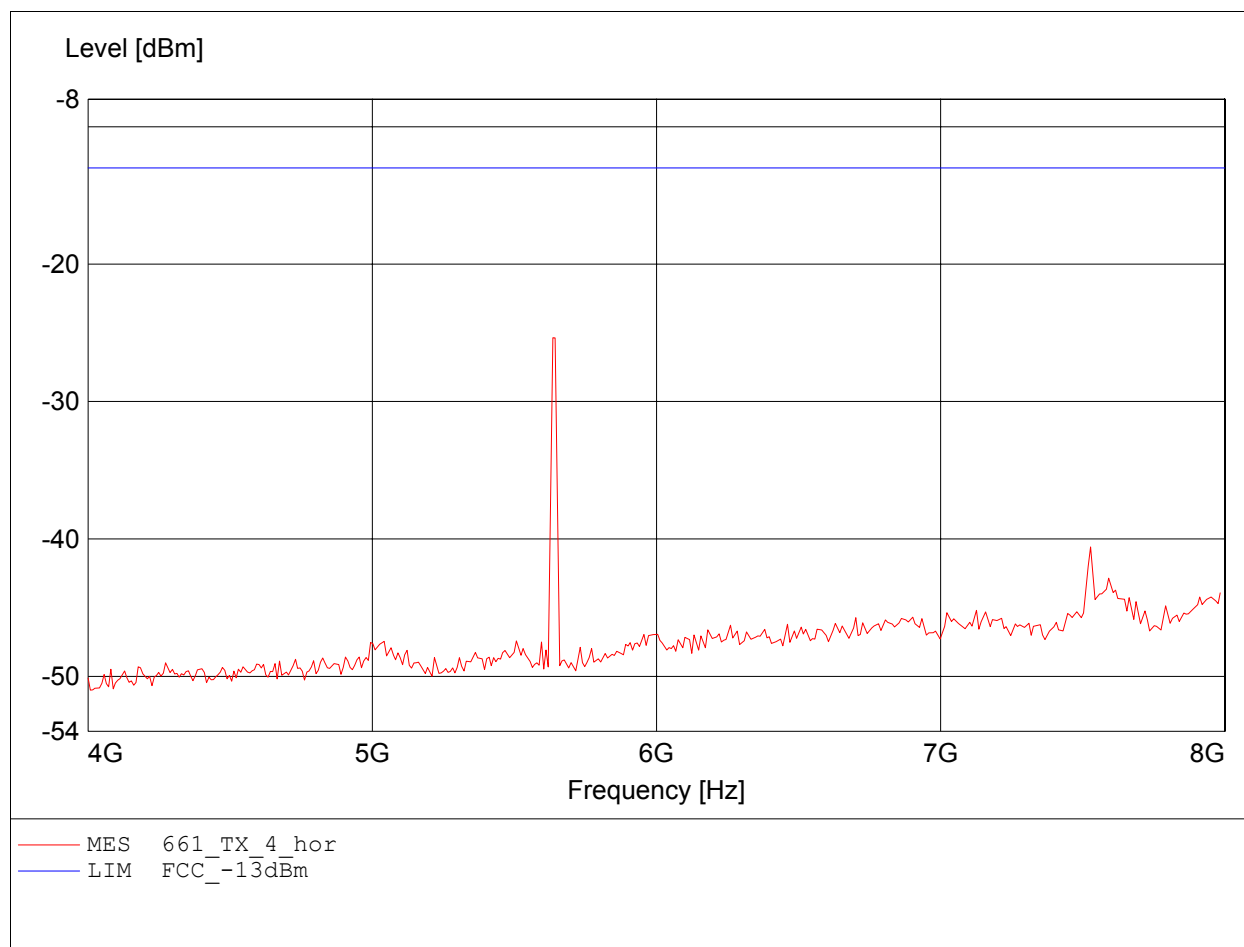
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Hughes Telematics, Inc. / GOM-1105-1155
EUT / Model: Telematics Unit / AT-100
GPRS 1900 / CH: 661 / 2xSlot / Pmax / vertical
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Conditions 1: Tnom.: 24°C / Unom: 13.5 VDC (car power)
Test Conditions 2: Freq. / CH: 661
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 3.900GHz, Pmax: -27.23dBm, RBW: 1MHz/3kHz



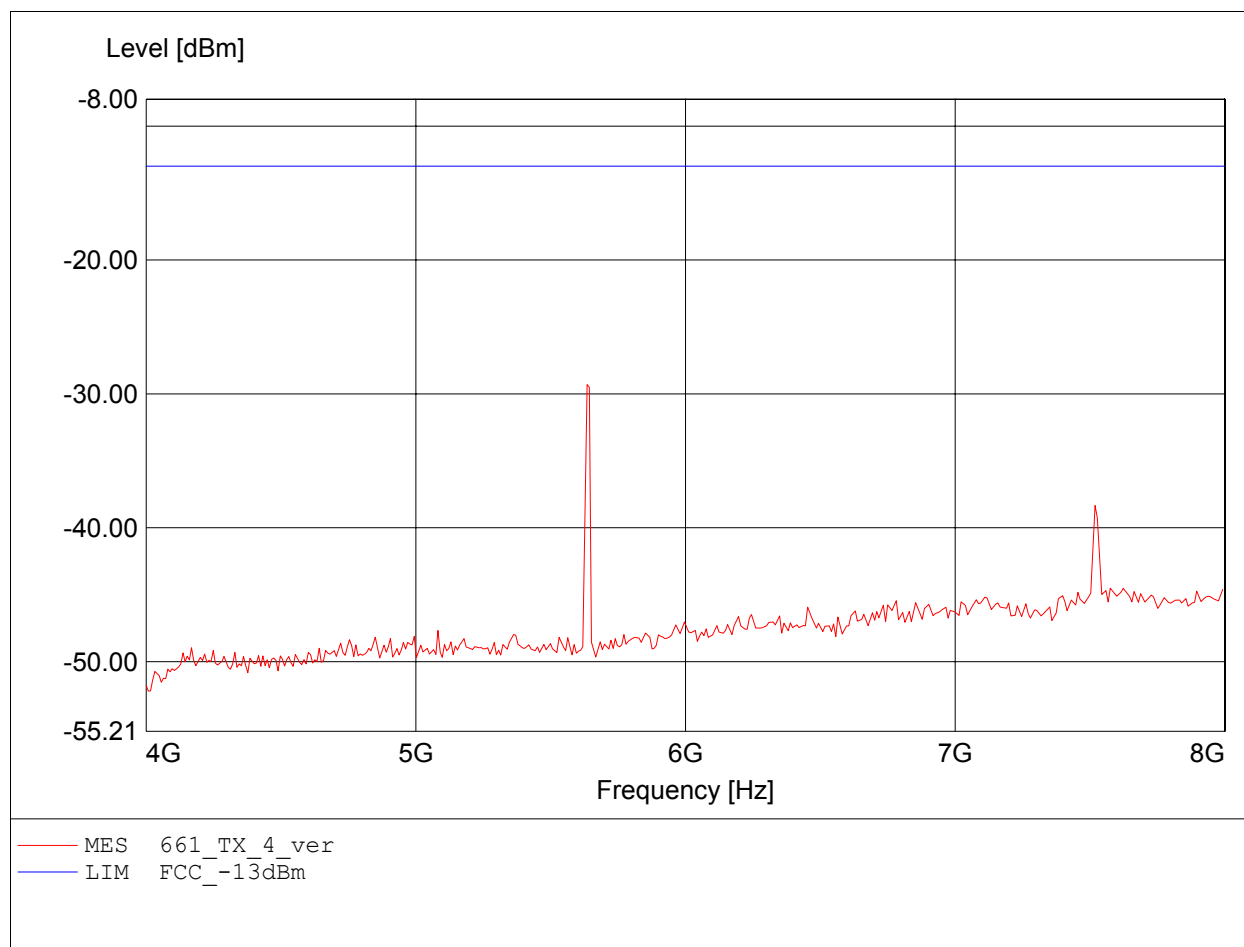
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Hughes Telematics, Inc. / GOM-1105-1155
EUT / Model: Telematics Unit / AT-100
GPRS 1900 / CH: 661 / 2xSlot / Pmax / vertical
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Conditions 1: Tnom.: 24°C / Unom: 13.5 VDC (car power)
Test Conditions 2: Freq. / CH: 661
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 5.635GHz, Pmax: -25.35dBm, RBW: 1MHz



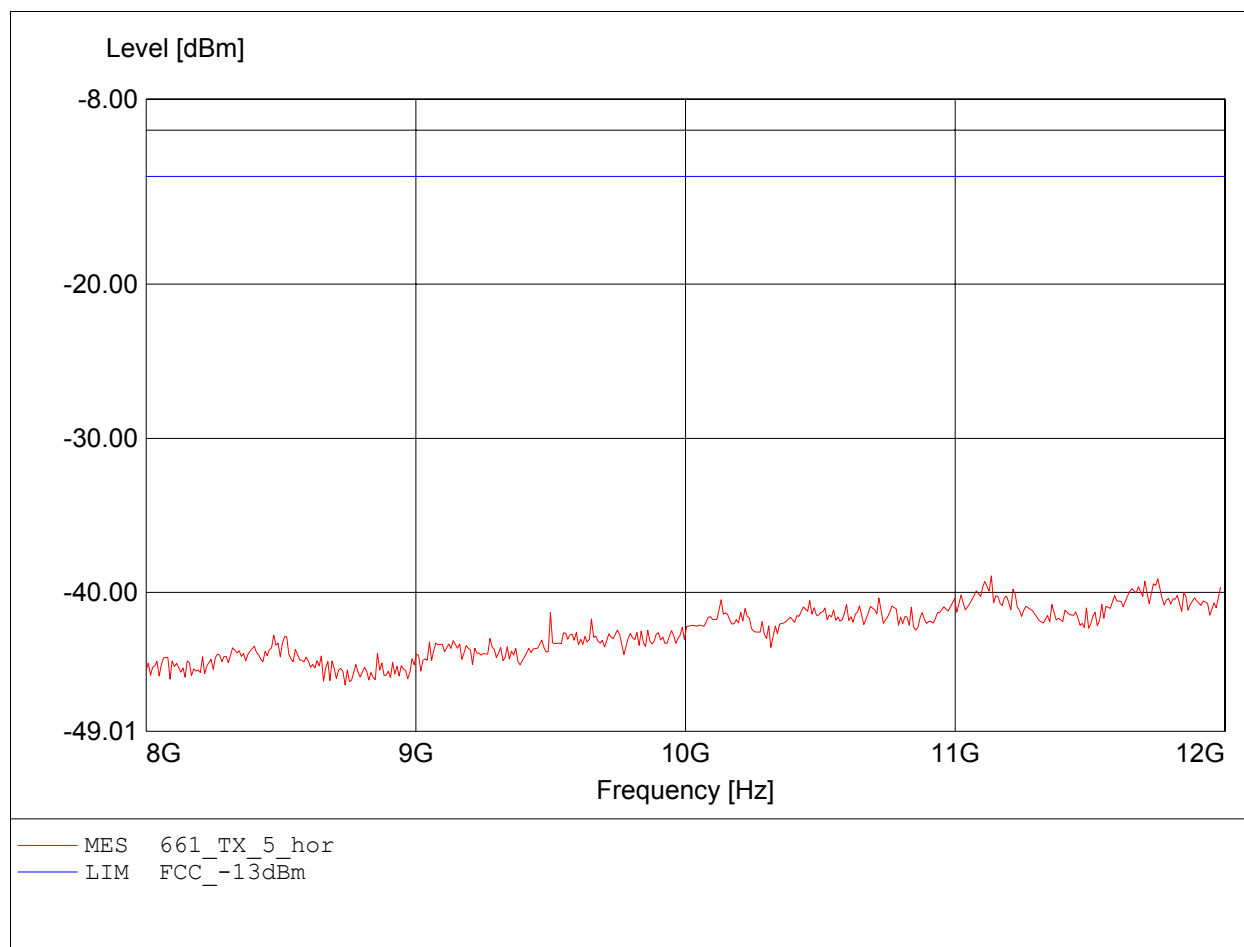
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Hughes Telematics, Inc. / GOM-1105-1155
EUT / Model: Telematics Unit / AT-100
GPRS 1900 / CH: 661 / 2xSlot / Pmax / vertical
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Conditions 1: Tnom.: 24°C / Unom: 13.5 VDC (car power)
Test Conditions 2: Freq. / CH: 661
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 5.635GHz, Pmax: -29.32dBm, RBW: 1MHz



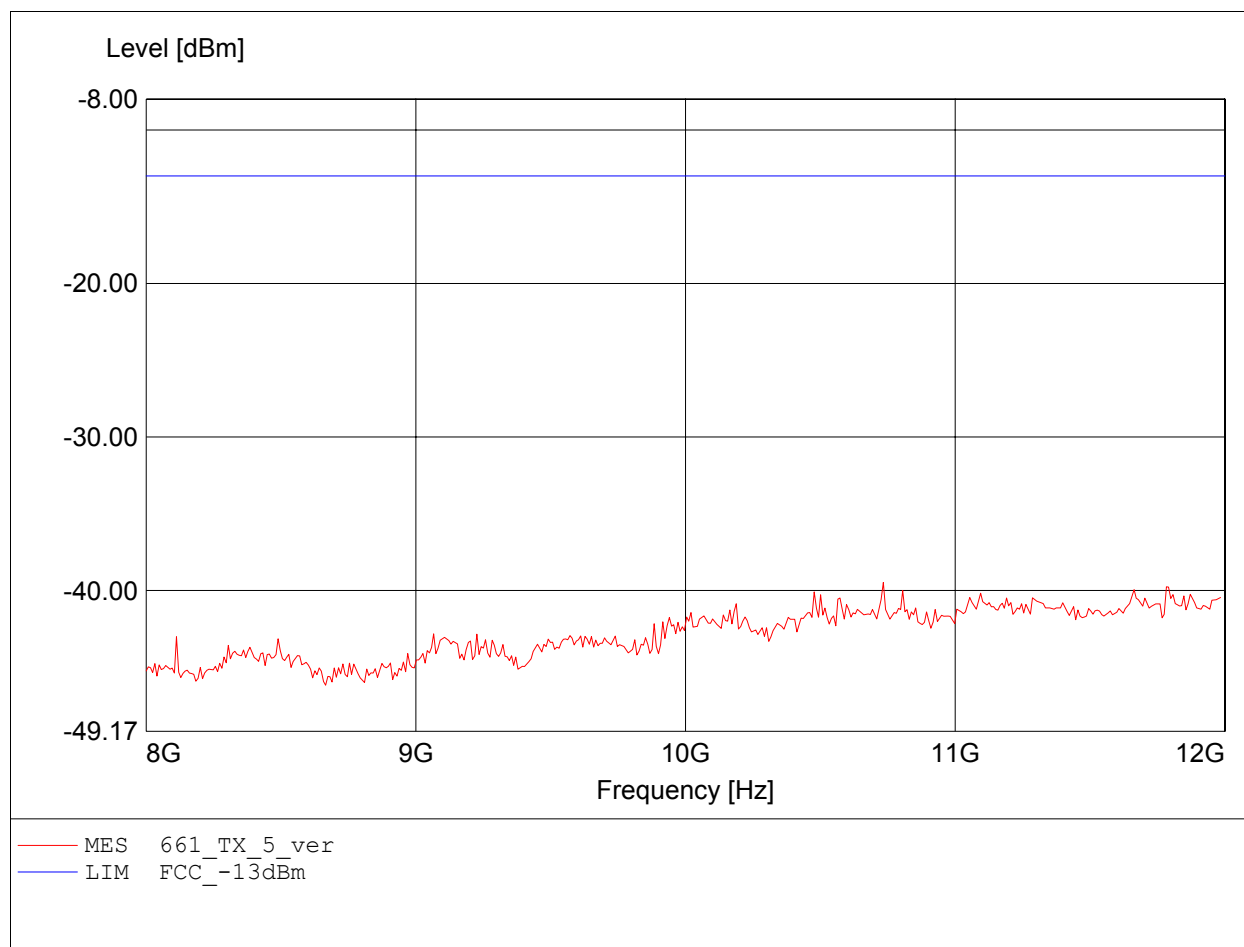
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Hughes Telematics, Inc. / GOM-1105-1155
EUT / Model: Telematics Unit / AT-100
GPRS 1900 / CH: 661 / 2xSlot / Pmax / vertical
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Conditions 1: Tnom.: 24°C / Unom: 13.5 VDC (car power)
Test Conditions 2: Freq. / CH: 661
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 11.134GHz, Pmax: -38.93dBm, RBW: 1MHz



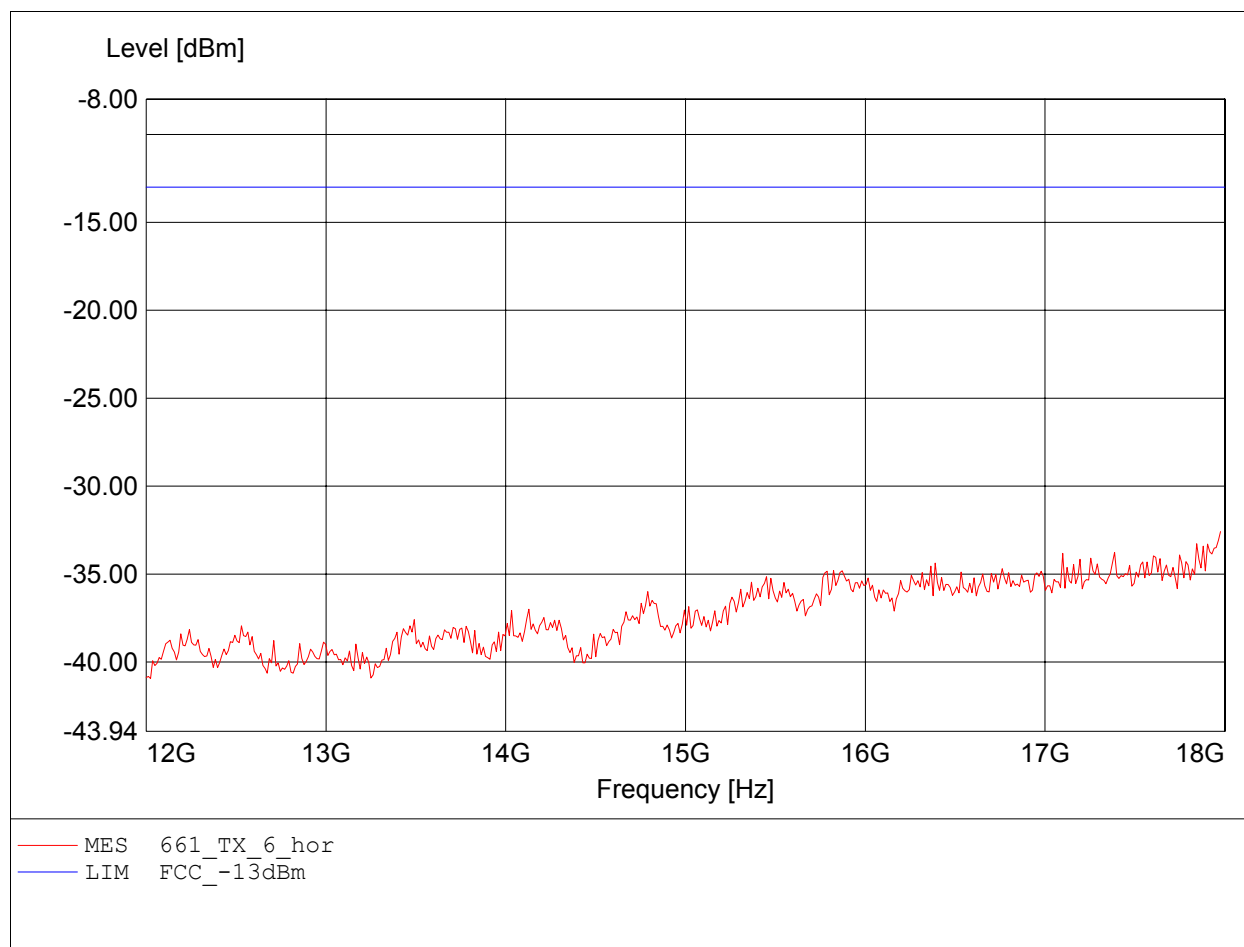
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Hughes Telematics, Inc. / GOM-1105-1155
EUT / Model: Telematics Unit / AT-100
GPRS 1900 / CH: 661 / 2xSlot / Pmax / vertical
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Conditions 1: Tnom.: 24°C / Unom: 13.5 VDC (car power)
Test Conditions 2: Freq. / CH: 661
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
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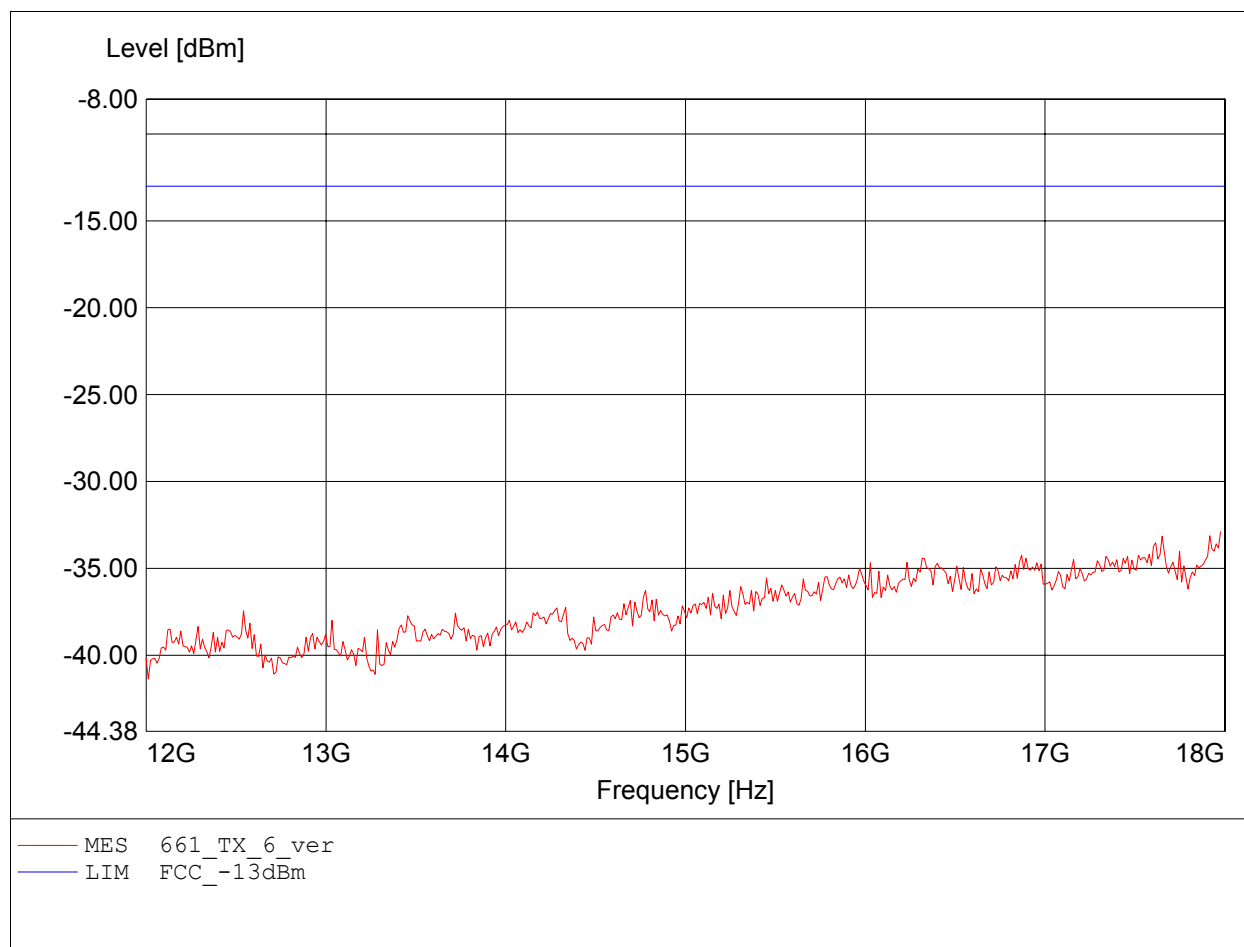
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Hughes Telematics, Inc. / GOM-1105-1155
EUT / Model: Telematics Unit / AT-100
GPRS 1900 / CH: 661 / 2xSlot / Pmax / vertical
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Conditions 1: Tnom.: 24°C / Unom: 13.5 VDC (car power)
Test Conditions 2: Freq. / CH: 661
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 17.976GHz, Pmax: -32.58dBm, RBW: 1MHz



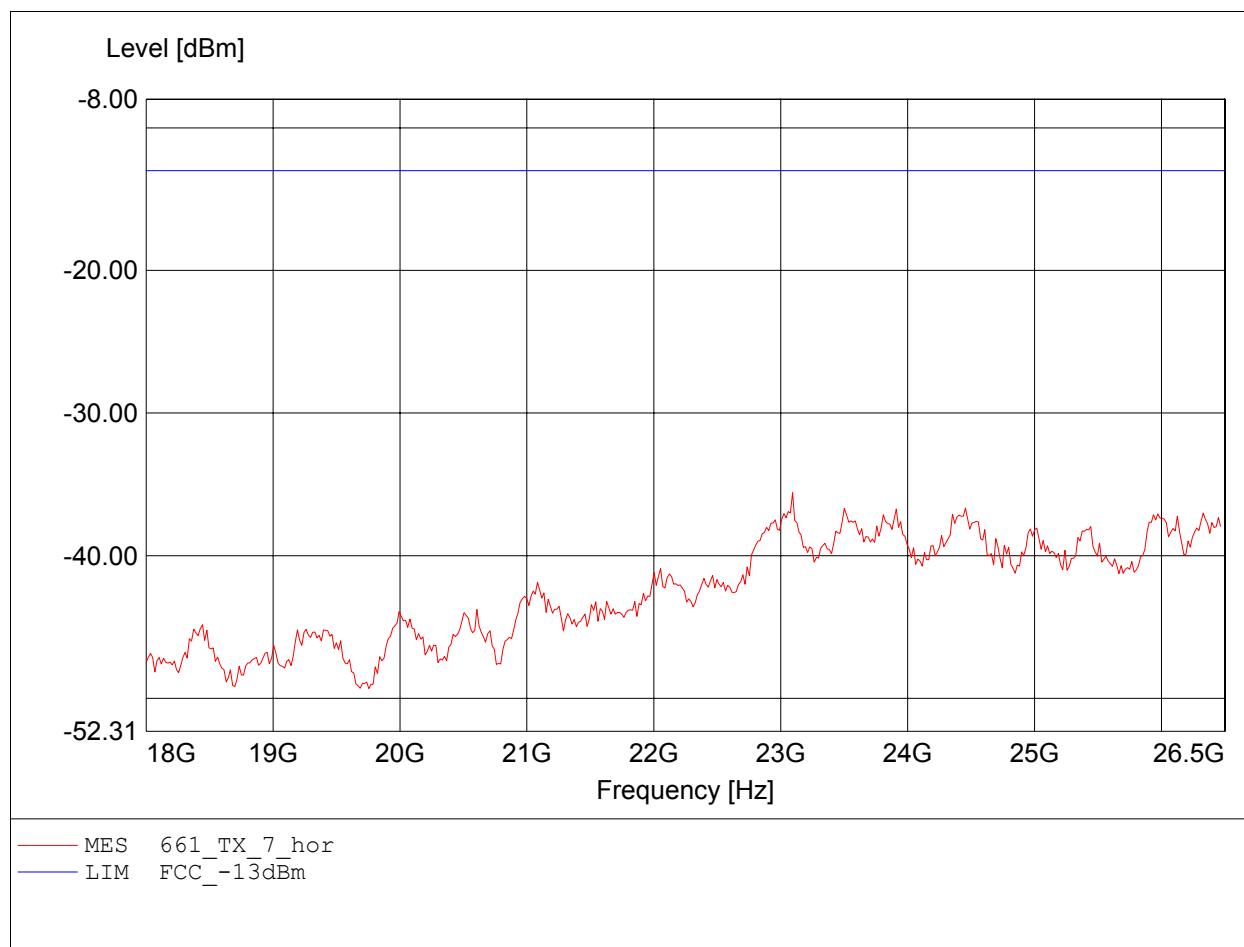
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Hughes Telematics, Inc. / GOM-1105-1155
EUT / Model: Telematics Unit / AT-100
GPRS 1900 / CH: 661 / 2xSlot / Pmax / vertical
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Conditions 1: Tnom.: 24°C / Unom: 13.5 VDC (car power)
Test Conditions 2: Freq. / CH: 661
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 17.976GHz, Pmax: -32.89dBm, RBW: 1MHz



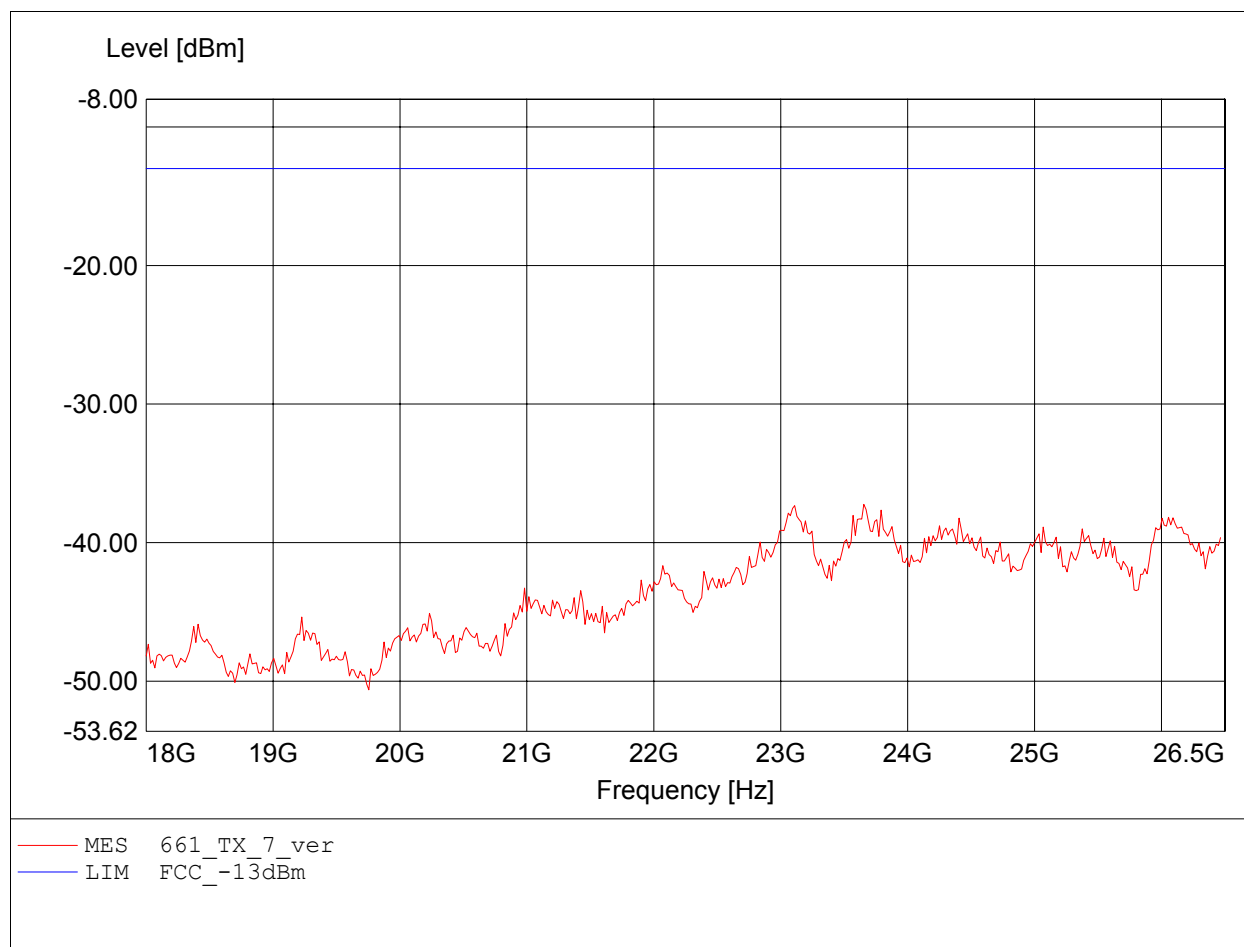
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Hughes Telematics, Inc. / GOM-1105-1155
EUT / Model: Telematics Unit / AT-100
GPRS 1900 / CH: 661 / 2xSlot / Pmax / vertical
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Conditions 1: Tnom.: 24°C / Unom: 13.5 VDC (car power)
Test Conditions 2: Freq. / CH: 661
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 23.093GHz, Pmax: -35.58dBm, RBW: 1MHz



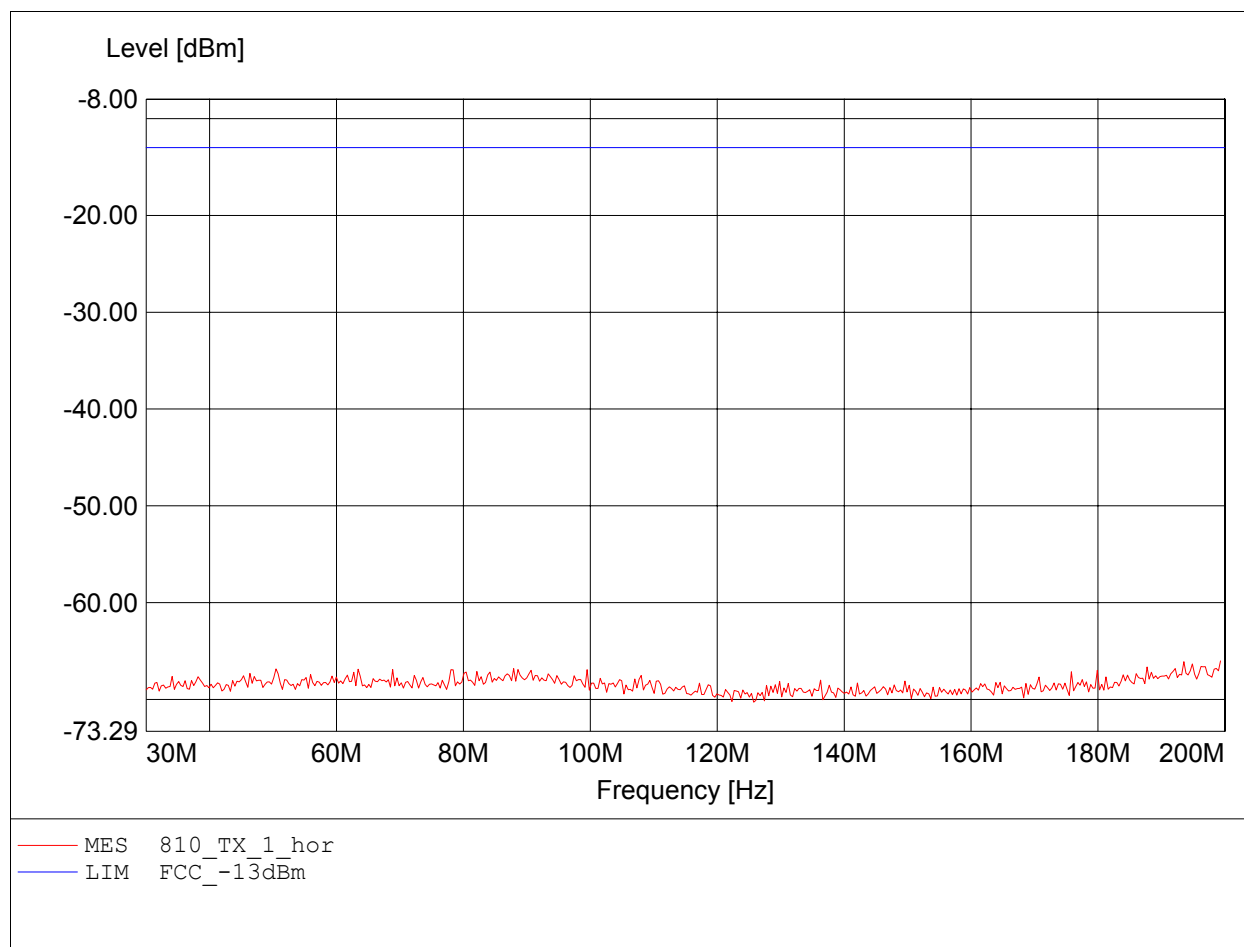
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Hughes Telematics, Inc. / GOM-1105-1155
EUT / Model: Telematics Unit / AT-100
GPRS 1900 / CH: 661 / 2xSlot / Pmax / vertical
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Conditions 1: Tnom.: 24°C / Unom: 13.5 VDC (car power)
Test Conditions 2: Freq. / CH: 661
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 23.655GHz, Pmax: -37.24dBm, RBW: 1MHz



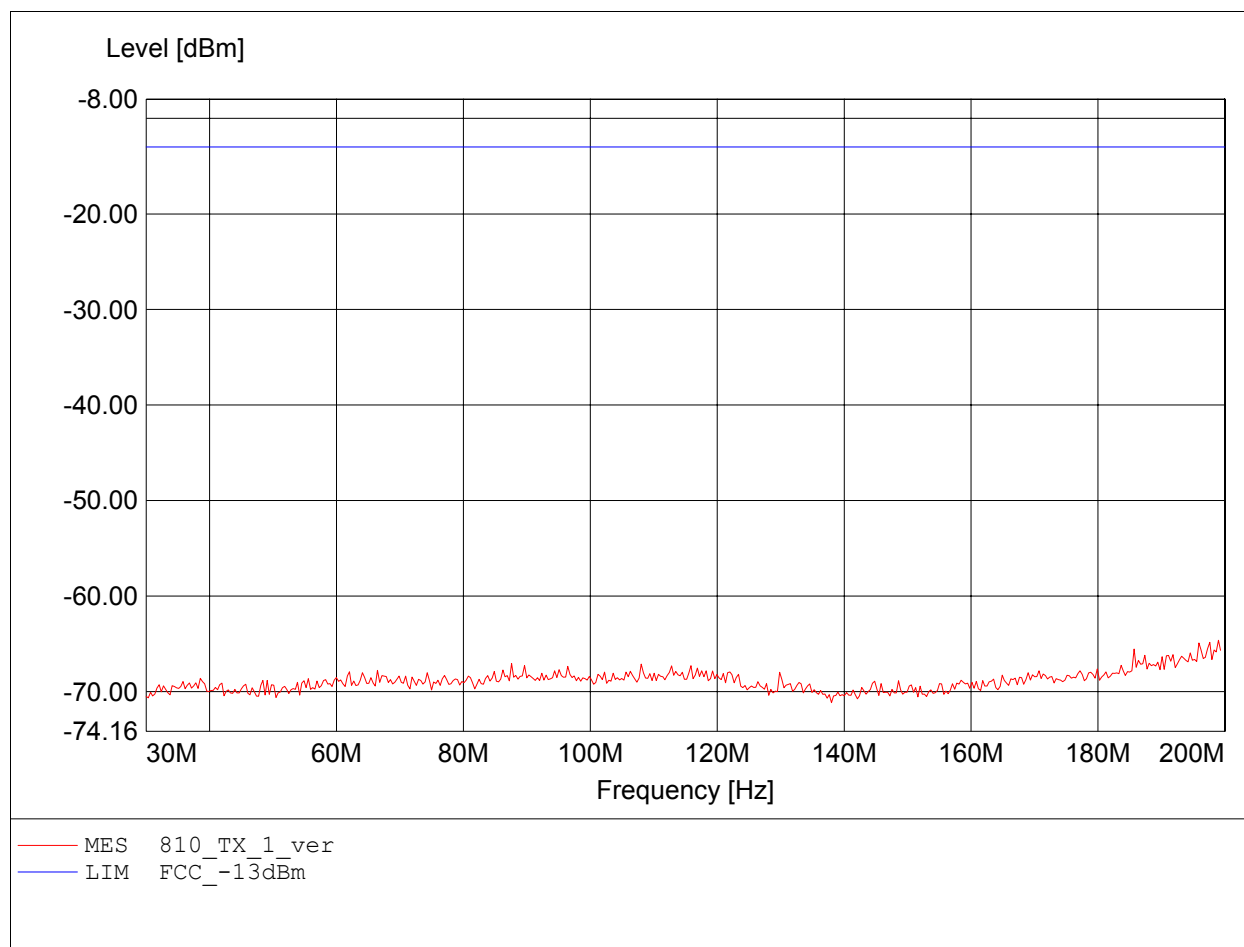
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Hughes Telematics, Inc. / GOM-1105-1155
EUT / Model: Telematics Unit / AT-100
GPRS 1900 / CH: 810 / 2xSlot / Pmax / vertical
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Conditions 1: Tnom.: 24°C / Unom: 13.5 VDC (car power)
Test Conditions 2: Freq. / CH: 810
Comment 1: Dist.: 3m, Ant.: HK 116
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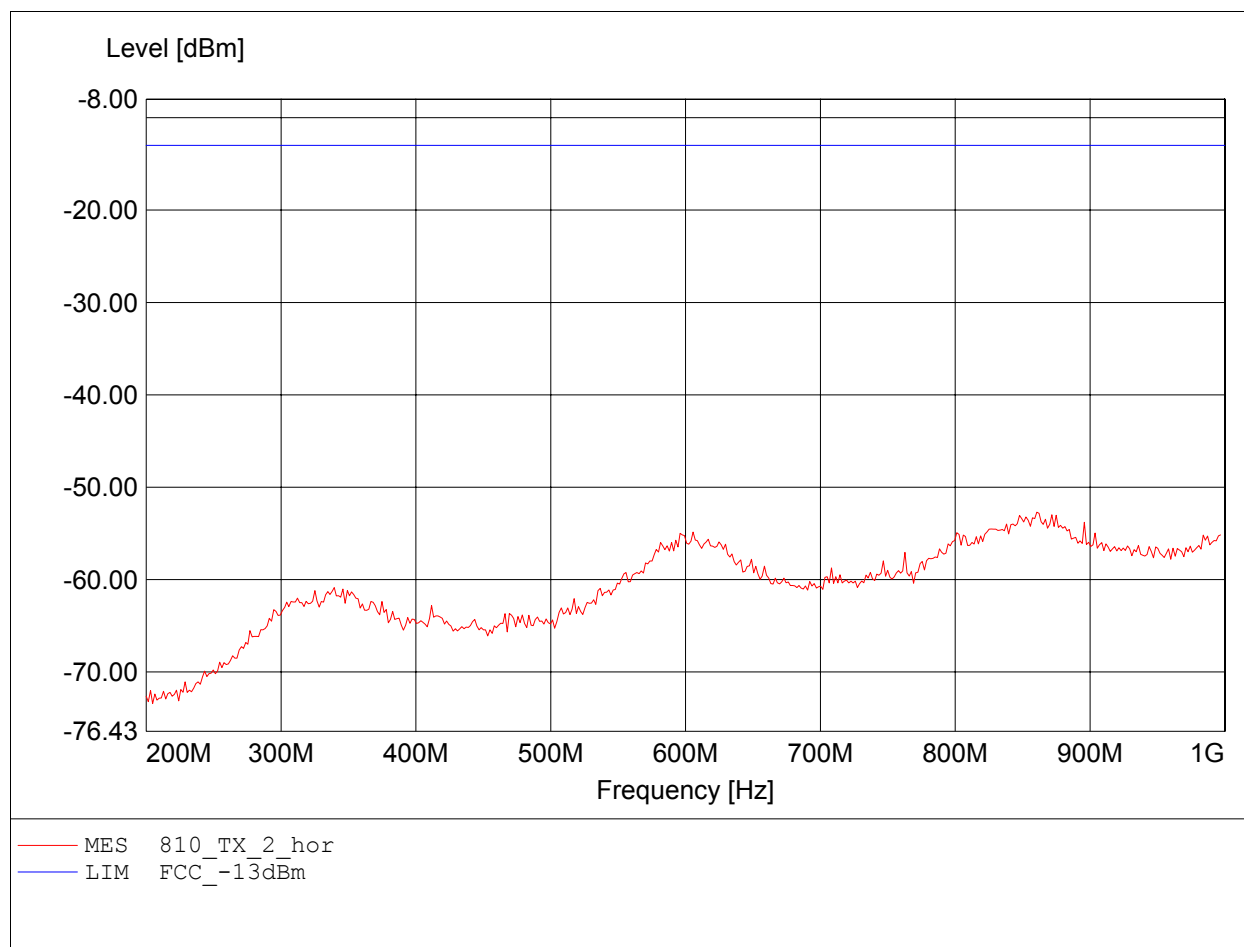
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Hughes Telematics, Inc. / GOM-1105-1155
EUT / Model: Telematics Unit / AT-100
GPRS 1900 / CH: 810 / 2xSlot / Pmax / vertical
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Conditions 1: Tnom.: 24°C / Unom: 13.5 VDC (car power)
Test Conditions 2: Freq. / CH: 810
Comment 1: Dist.: 3m, Ant.: HK 116
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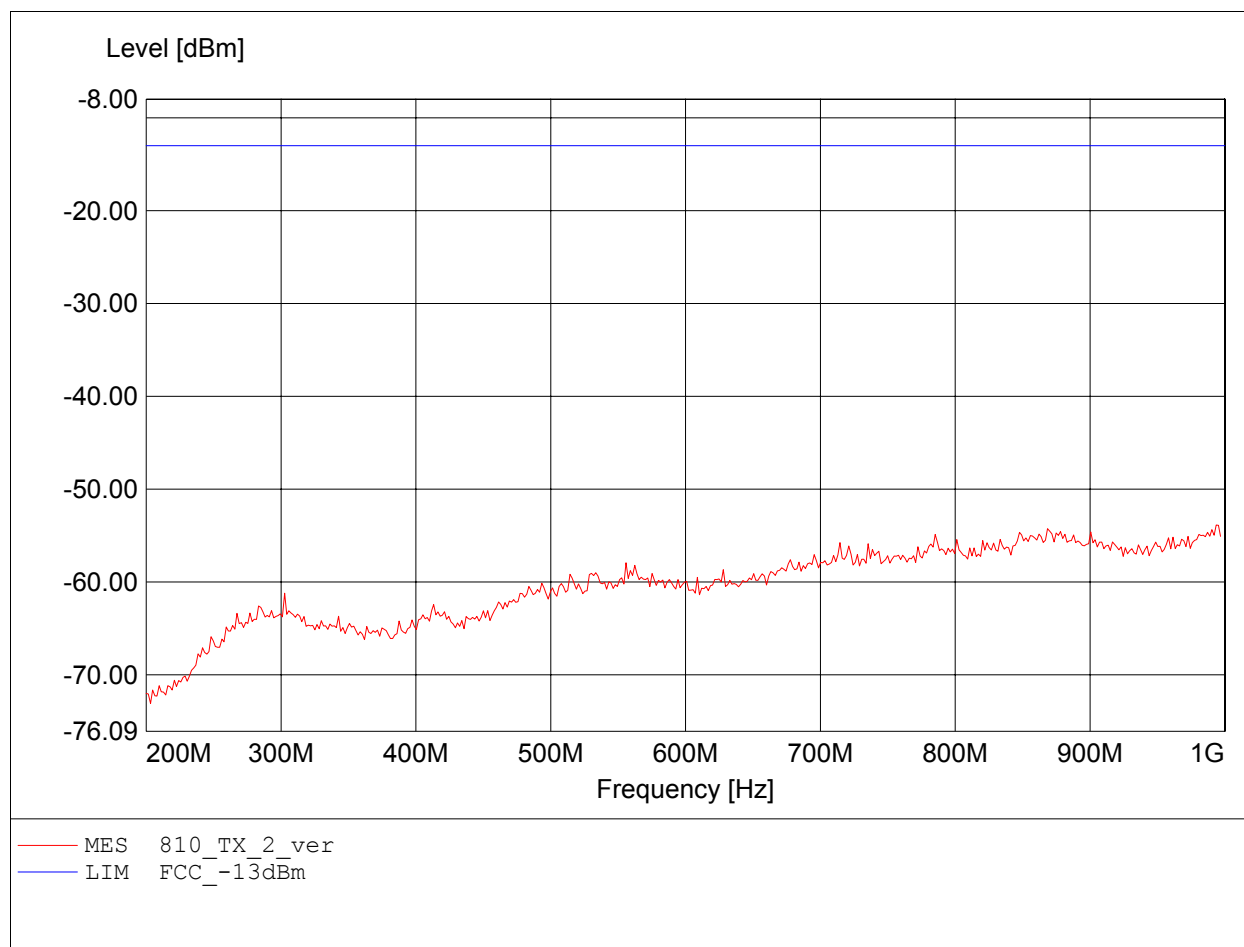
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Hughes Telematics, Inc. / GOM-1105-1155
EUT / Model: Telematics Unit / AT-100
GPRS 1900 / CH: 810 / 2xSlot / Pmax / vertical
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Conditions 1: Tnom.: 24°C / Unom: 13.5 VDC (car power)
Test Conditions 2: Freq. / CH: 810
Comment 1: Dist.: 3m, Ant.: HL 223
Comment 2: Freq: 860.521MHz, Pmax: -52.71dBm, RBW: 100kHz



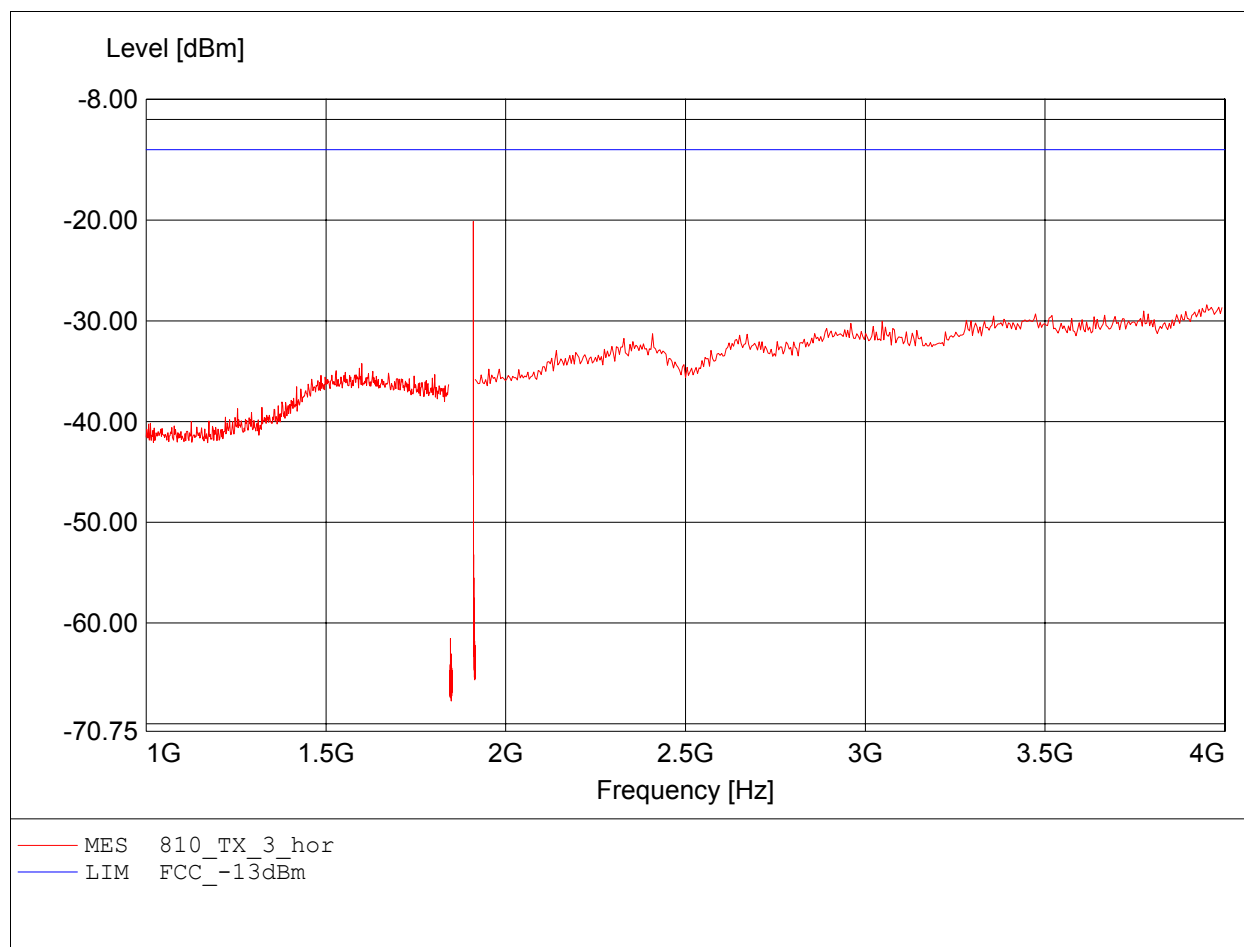
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Hughes Telematics, Inc. / GOM-1105-1155
EUT / Model: Telematics Unit / AT-100
GPRS 1900 / CH: 810 / 2xSlot / Pmax / vertical
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Conditions 1: Tnom.: 24°C / Unom: 13.5 VDC (car power)
Test Conditions 2: Freq. / CH: 810
Comment 1: Dist.: 3m, Ant.: HL 223
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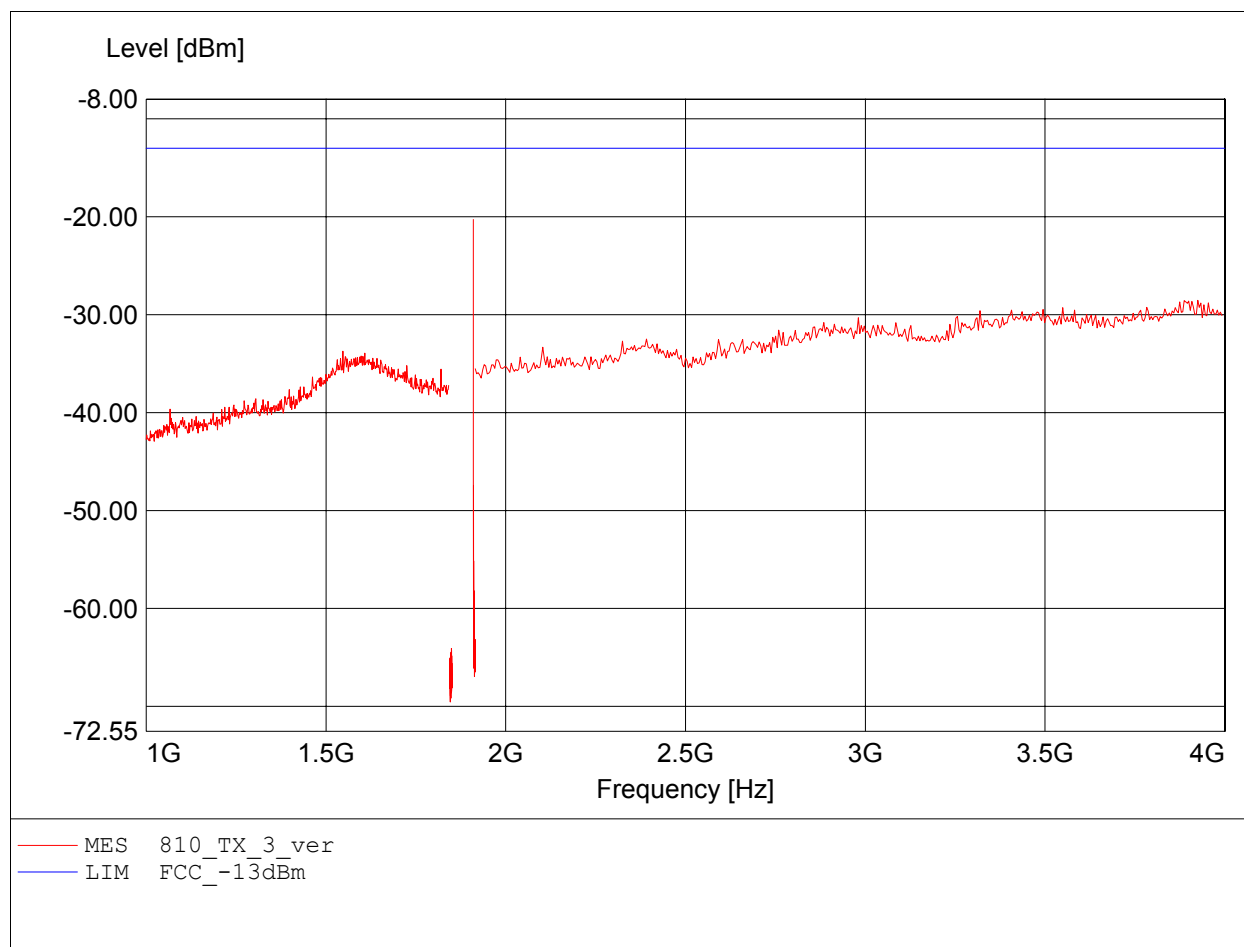
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Hughes Telematics, Inc. / GOM-1105-1155
EUT / Model: Telematics Unit / AT-100
GPRS 1900 / CH: 810 / 2xSlot / Pmax / vertical
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Conditions 1: Tnom.: 24°C / Unom: 13.5 VDC (car power)
Test Conditions 2: Freq. / CH: 810
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 1.910GHz, Pmax: -20.12dBm, RBW: 1MHz/3kHz



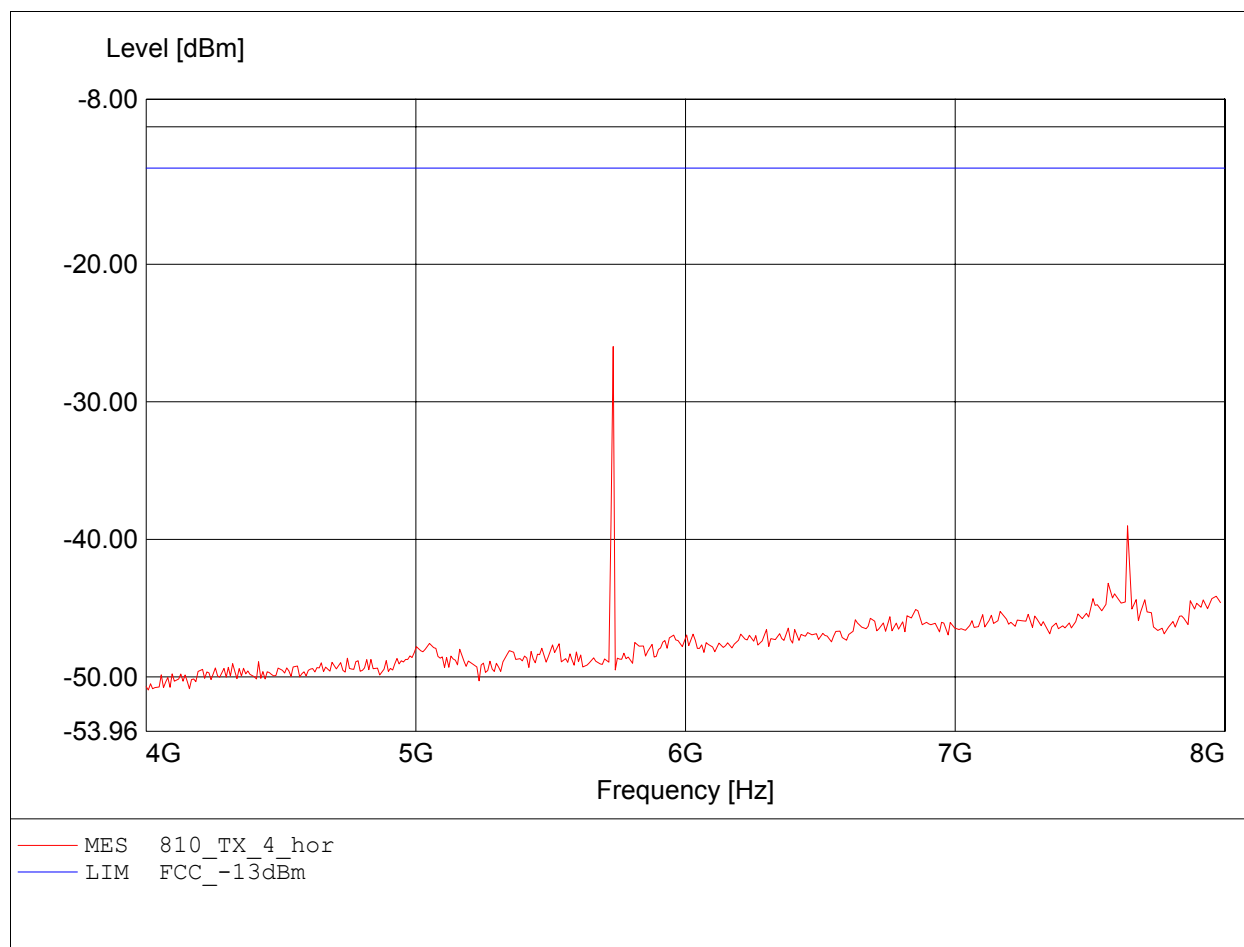
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Hughes Telematics, Inc. / GOM-1105-1155
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GPRS 1900 / CH: 810 / 2xSlot / Pmax / vertical
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Conditions 1: Tnom.: 24°C / Unom: 13.5 VDC (car power)
Test Conditions 2: Freq. / CH: 810
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 1.910GHz, Pmax: -20.28dBm, RBW: 1MHz/3kHz



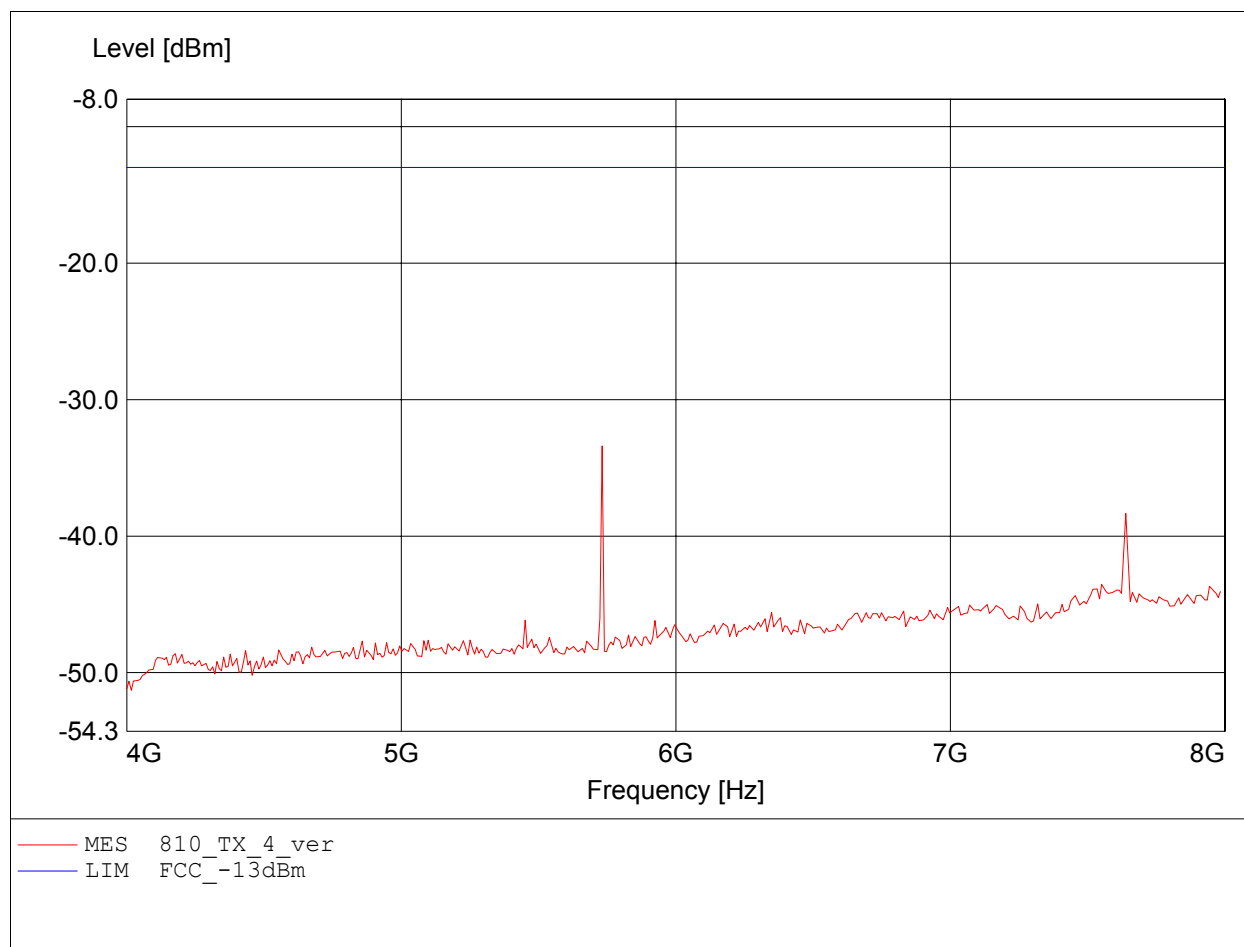
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Hughes Telematics, Inc. / GOM-1105-1155
EUT / Model: Telematics Unit / AT-100
GPRS 1900 / CH: 810 / 2xSlot / Pmax / vertical
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Conditions 1: Tnom.: 24°C / Unom: 13.5 VDC (car power)
Test Conditions 2: Freq. / CH: 810
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 5.731GHz, Pmax: -25.98dBm, RBW: 1MHz



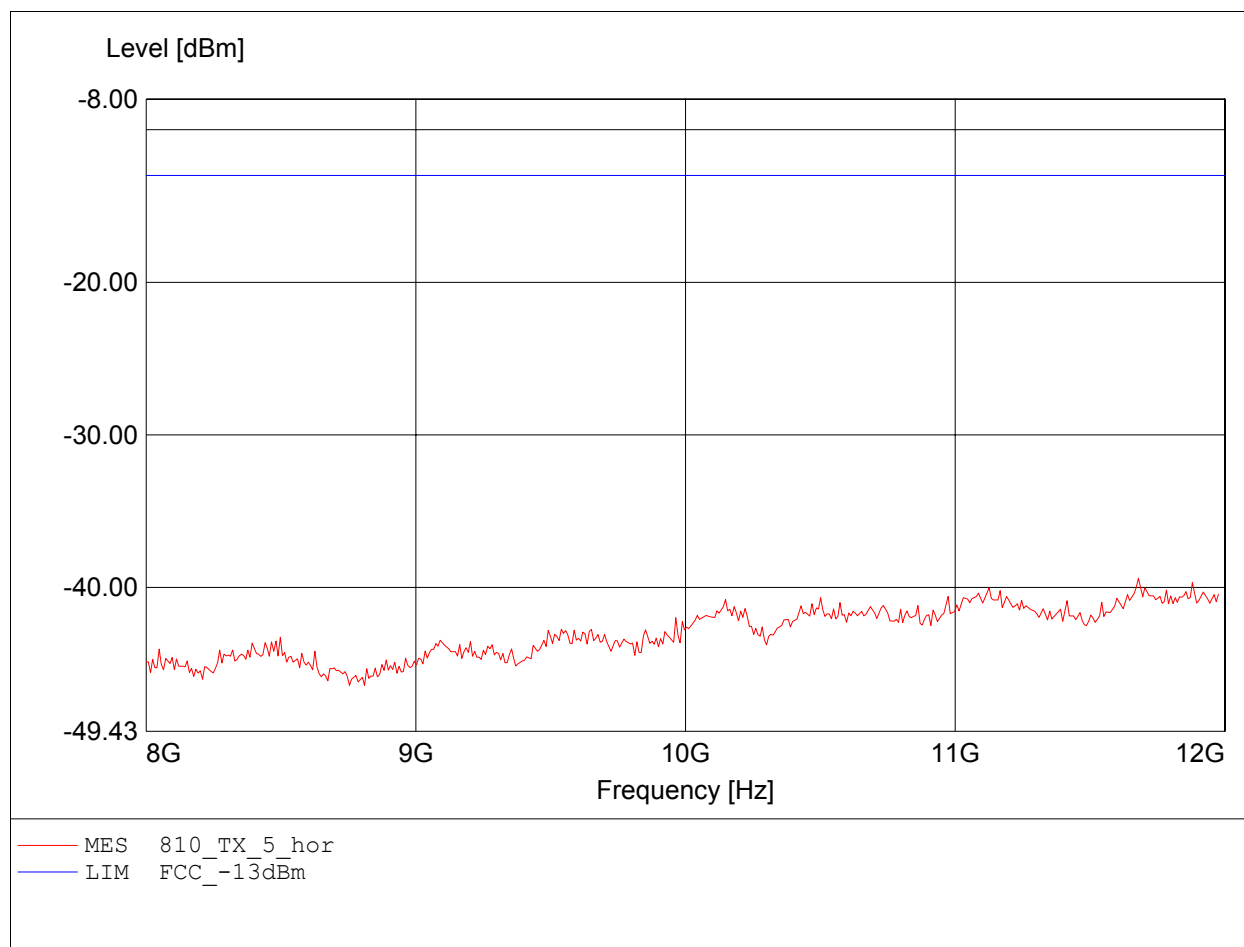
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Hughes Telematics, Inc. / GOM-1105-1155
EUT / Model: Telematics Unit / AT-100
GPRS 1900 / CH: 810 / 2xSlot / Pmax / vertical
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Conditions 1: Tnom.: 24°C / Unom: 13.5 VDC (car power)
Test Conditions 2: Freq. / CH: 810
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 5.731GHz, Pmax: -33.40dBm, RBW: 1MHz



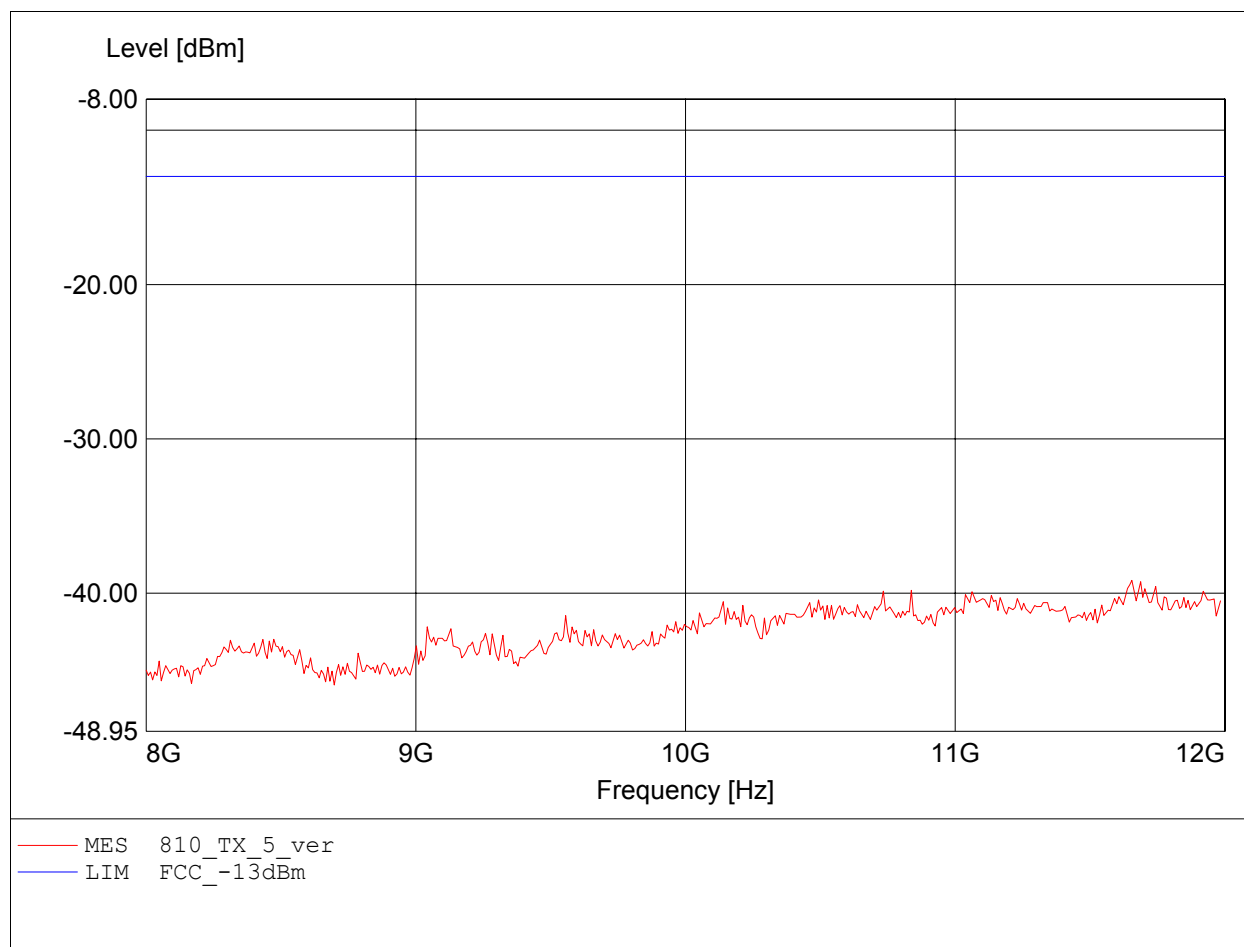
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Hughes Telematics, Inc. / GOM-1105-1155
EUT / Model: Telematics Unit / AT-100
GPRS 1900 / CH: 810 / 2xSlot / Pmax / vertical
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Conditions 1: Tnom.: 24°C / Unom: 13.5 VDC (car power)
Test Conditions 2: Freq. / CH: 810
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 11.679GHz, Pmax: -39.40dBm, RBW: 1MHz



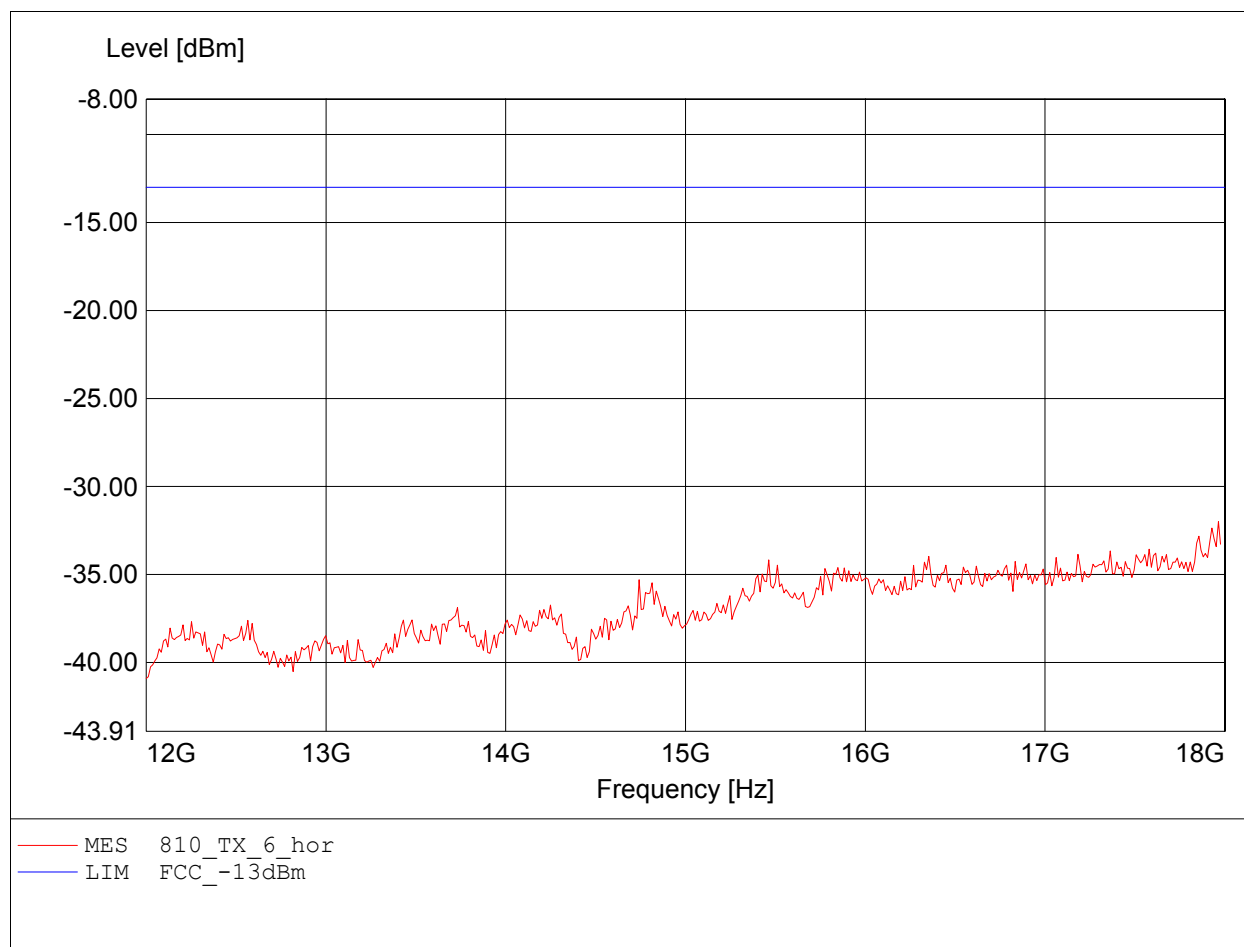
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Hughes Telematics, Inc. / GOM-1105-1155
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GPRS 1900 / CH: 810 / 2xSlot / Pmax / vertical
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Conditions 1: Tnom.: 24°C / Unom: 13.5 VDC (car power)
Test Conditions 2: Freq. / CH: 810
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 11.655GHz, Pmax: -39.17dBm, RBW: 1MHz



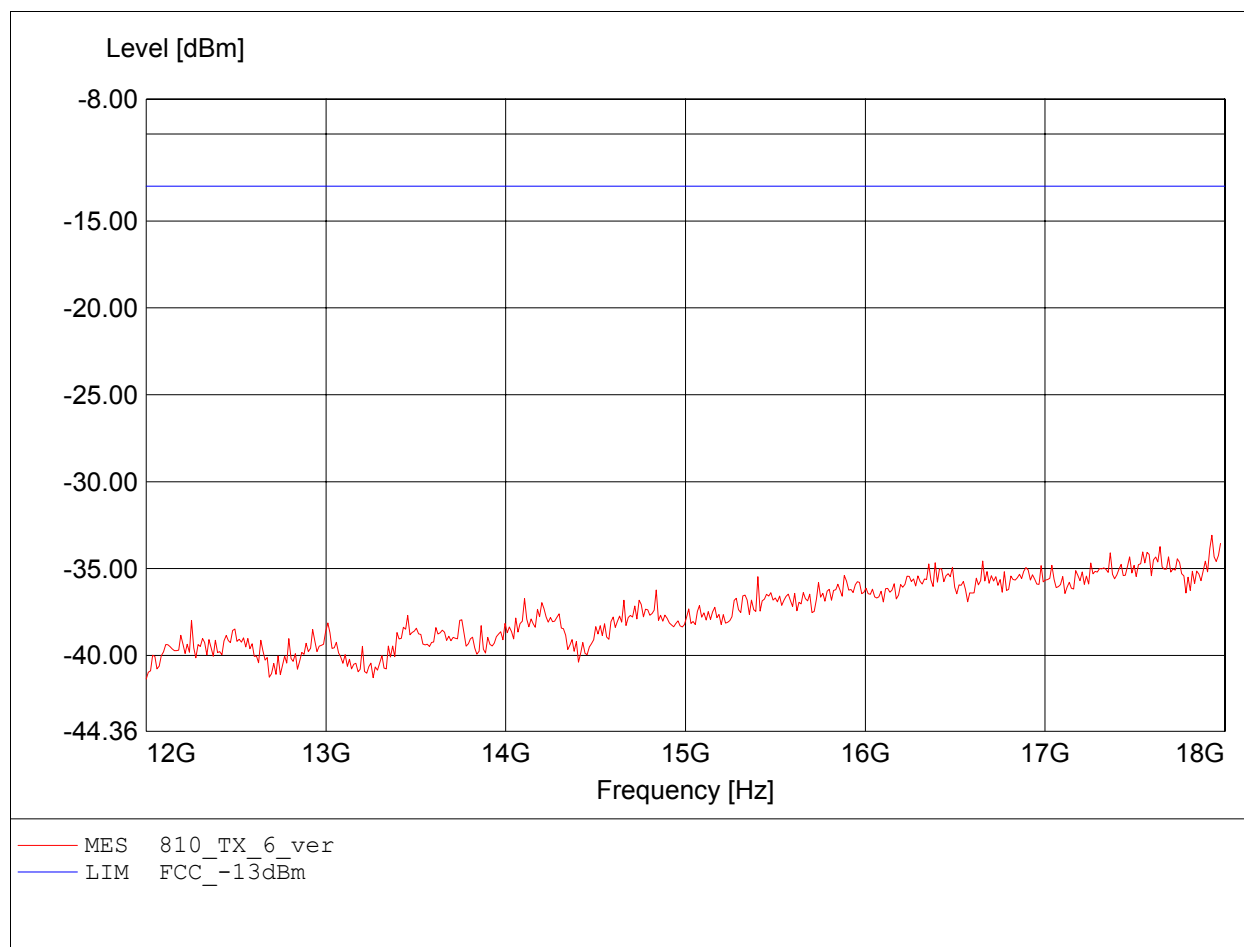
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Hughes Telematics, Inc. / GOM-1105-1155
EUT / Model: Telematics Unit / AT-100
GPRS 1900 / CH: 810 / 2xSlot / Pmax / vertical
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Conditions 1: Tnom.: 24°C / Unom: 13.5 VDC (car power)
Test Conditions 2: Freq. / CH: 810
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 17.964GHz, Pmax: -32.00dBm, RBW: 1MHz



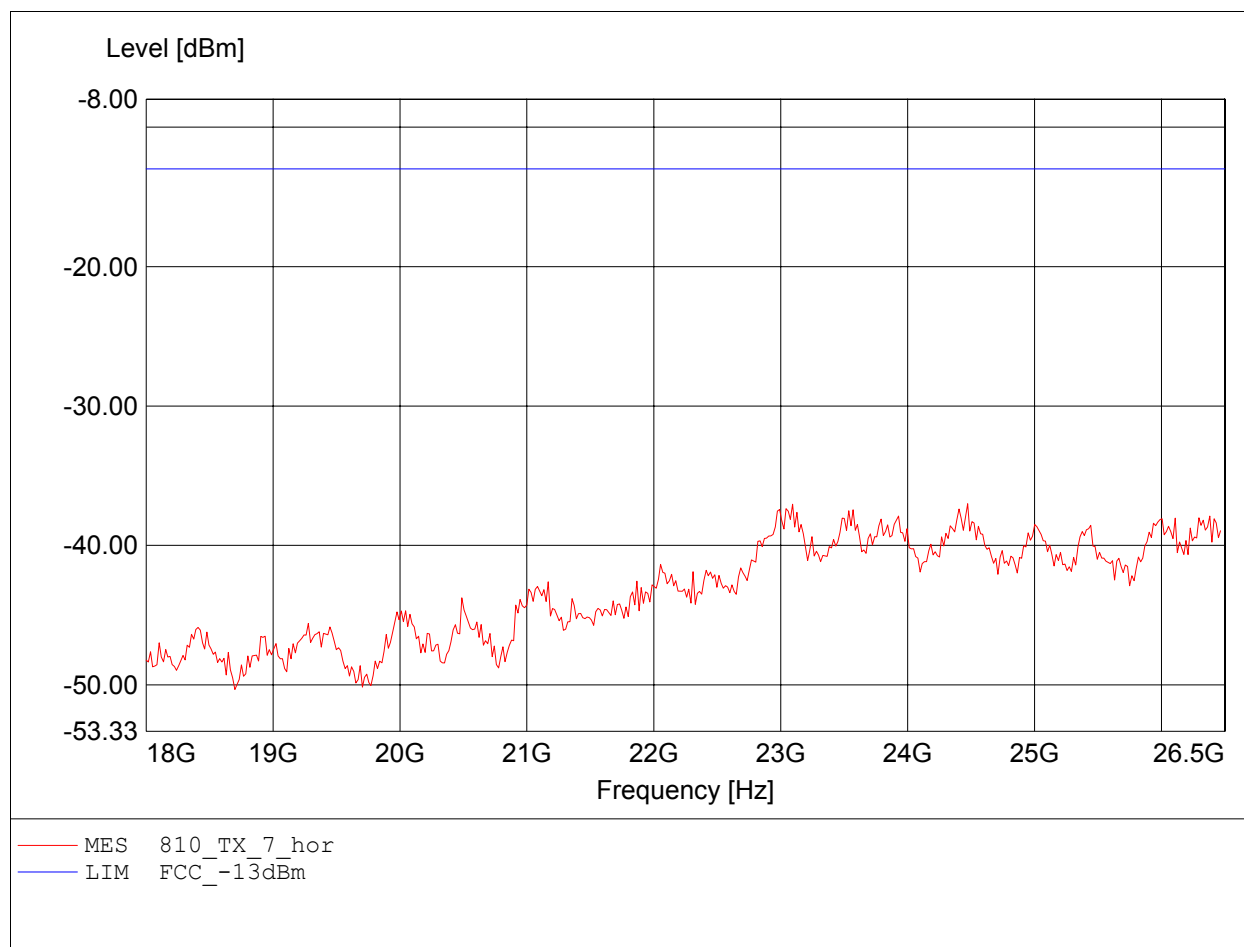
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Hughes Telematics, Inc. / GOM-1105-1155
EUT / Model: Telematics Unit / AT-100
GPRS 1900 / CH: 810 / 2xSlot / Pmax / vertical
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Conditions 1: Tnom.: 24°C / Unom: 13.5 VDC (car power)
Test Conditions 2: Freq. / CH: 810
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 17.928GHz, Pmax: -33.08dBm, RBW: 1MHz



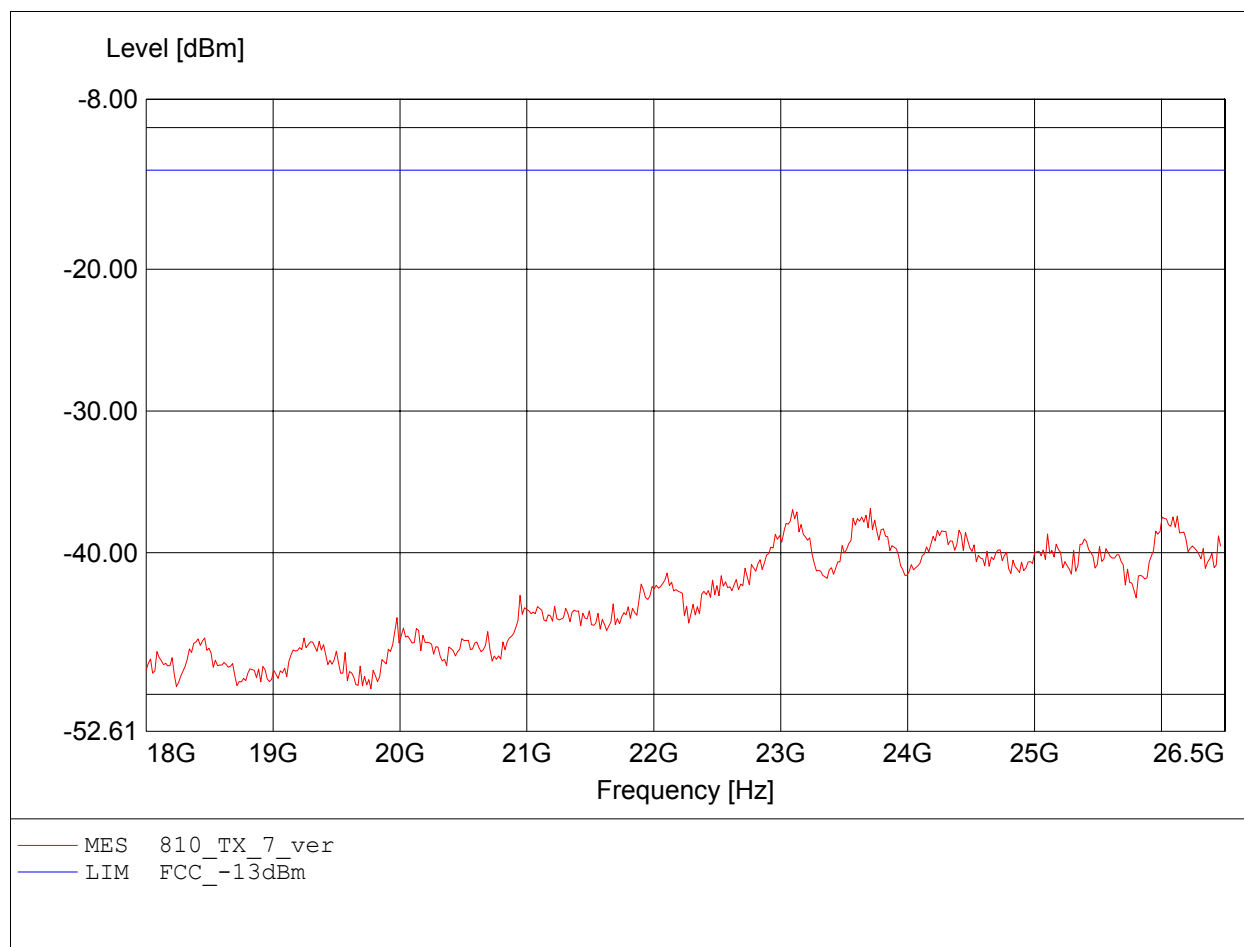
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Hughes Telematics, Inc. / GOM-1105-1155
EUT / Model: Telematics Unit / AT-100
GPRS 1900 / CH: 810 / 2xSlot / Pmax / vertical
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Conditions 1: Tnom.: 24°C / Unom: 13.5 VDC (car power)
Test Conditions 2: Freq. / CH: 810
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 24.473GHz, Pmax: -37.00dBm, RBW: 1MHz



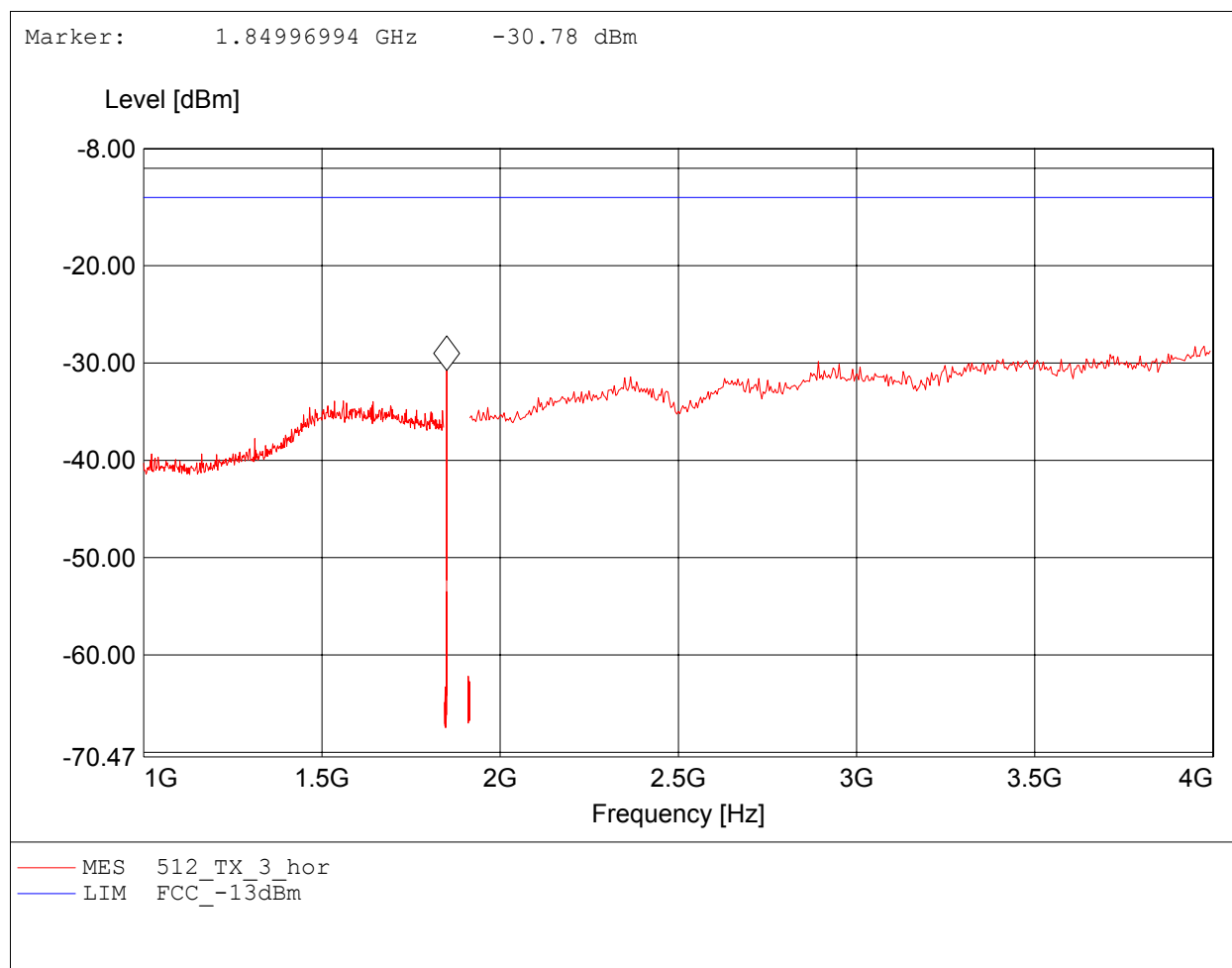
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Hughes Telematics, Inc. / GOM-1105-1155
EUT / Model: Telematics Unit / AT-100
GPRS 1900 / CH: 810 / 2xSlot / Pmax / vertical
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Conditions 1: Tnom.: 24°C / Unom: 13.5 VDC (car power)
Test Conditions 2: Freq. / CH: 810
Comment 1: Dist.: 3m, Ant.: HL025, amplif.
Comment 2: Freq: 23.706GHz, Pmax: -36.88dBm, RBW: 1MHz



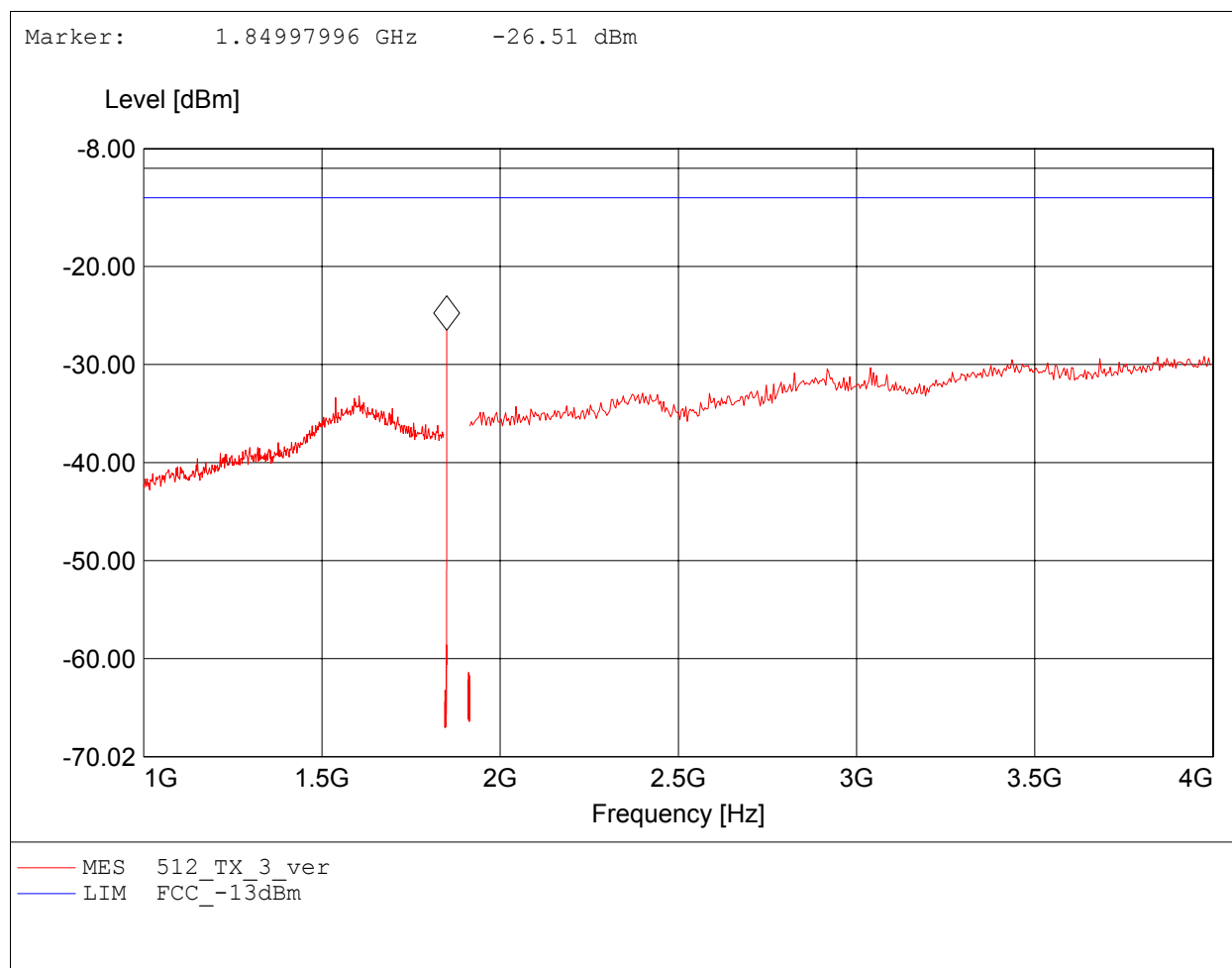
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Hughes Telematics, Inc. / GOM-1105-1155
EUT / Model: Telematics Unit / AT-100
EDGE 1900 / CH: 512 / 2xSlot / Pmax / vertical
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Conditions 1: Tnom.: 24°C / Unom: 13.5 VDC (car power)
Test Conditions 2: Freq. / CH: 512
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 3.975GHz, Pmax: -28.28dBm, RBW: 1MHz/3kHz



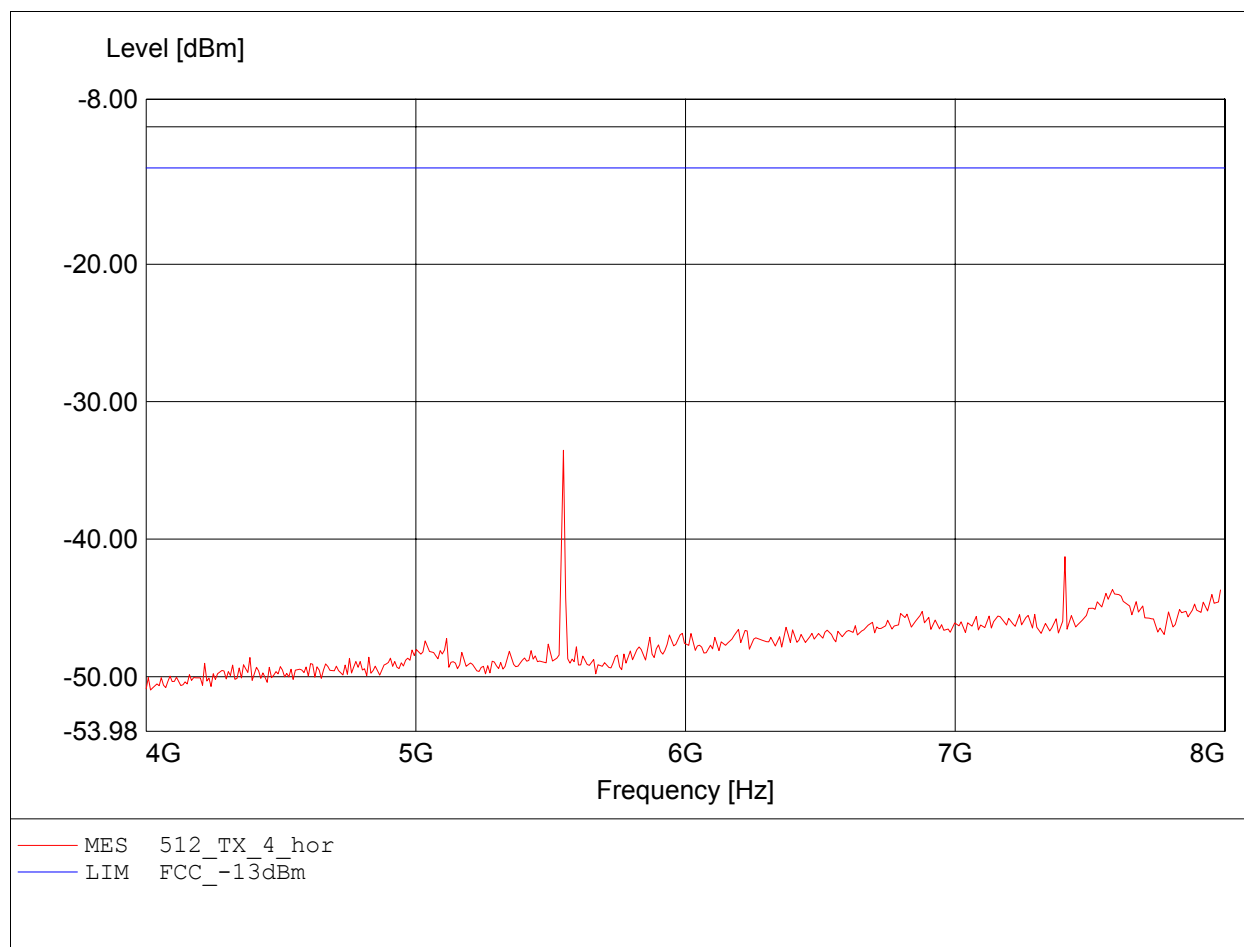
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Hughes Telematics, Inc. / GOM-1105-1155
EUT / Model: Telematics Unit / AT-100
EDGE 1900 / CH: 512 / 2xSlot / Pmax / vertical
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Conditions 1: Tnom.: 24°C / Unom: 13.5 VDC (car power)
Test Conditions 2: Freq. / CH: 512
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 1.850GHz, Pmax: -26.51dBm, RBW: 1MHz/3kHz



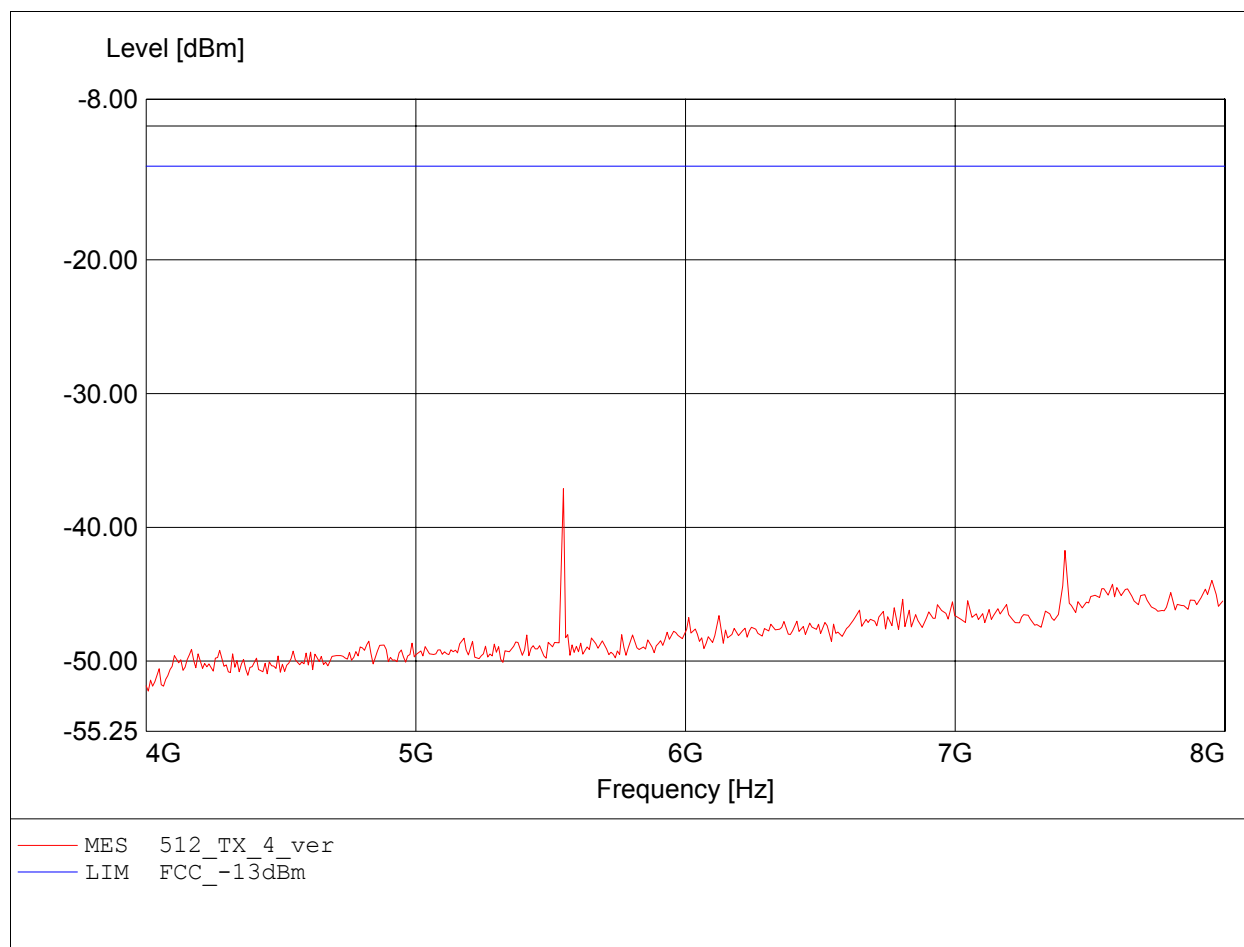
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Hughes Telematics, Inc. / GOM-1105-1155
EUT / Model: Telematics Unit / AT-100
EDGE 1900 / CH: 512 / 2xSlot / Pmax / vertical
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Conditions 1: Tnom.: 24°C / Unom: 13.5 VDC (car power)
Test Conditions 2: Freq. / CH: 512
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 5.547GHz, Pmax: -33.54dBm, RBW: 1MHz



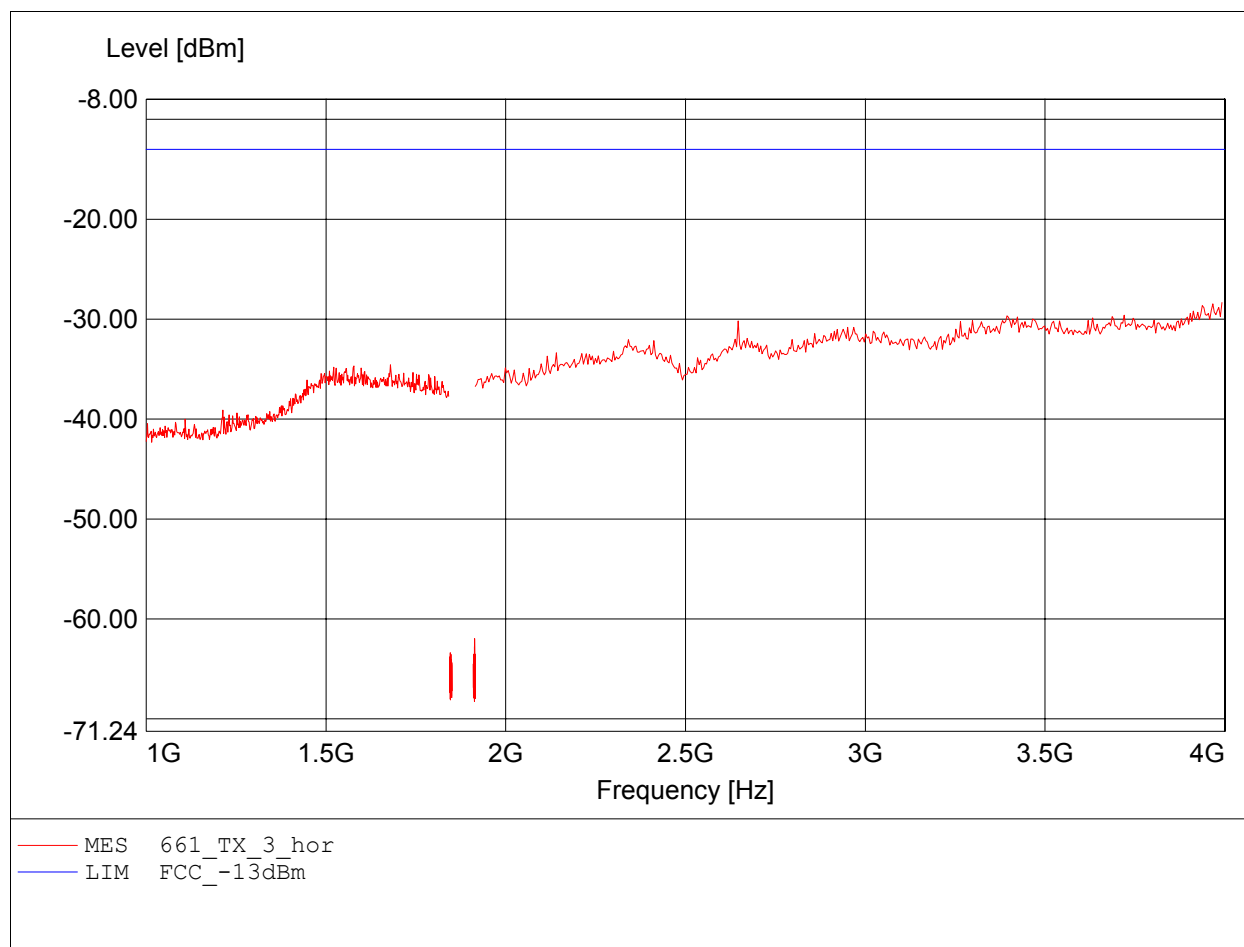
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Hughes Telematics, Inc. / GOM-1105-1155
EUT / Model: Telematics Unit / AT-100
EDGE 1900 / CH: 512 / 2xSlot / Pmax / vertical
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Conditions 1: Tnom.: 24°C / Unom: 13.5 VDC (car power)
Test Conditions 2: Freq. / CH: 512
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 5.547GHz, Pmax: -37.12dBm, RBW: 1MHz



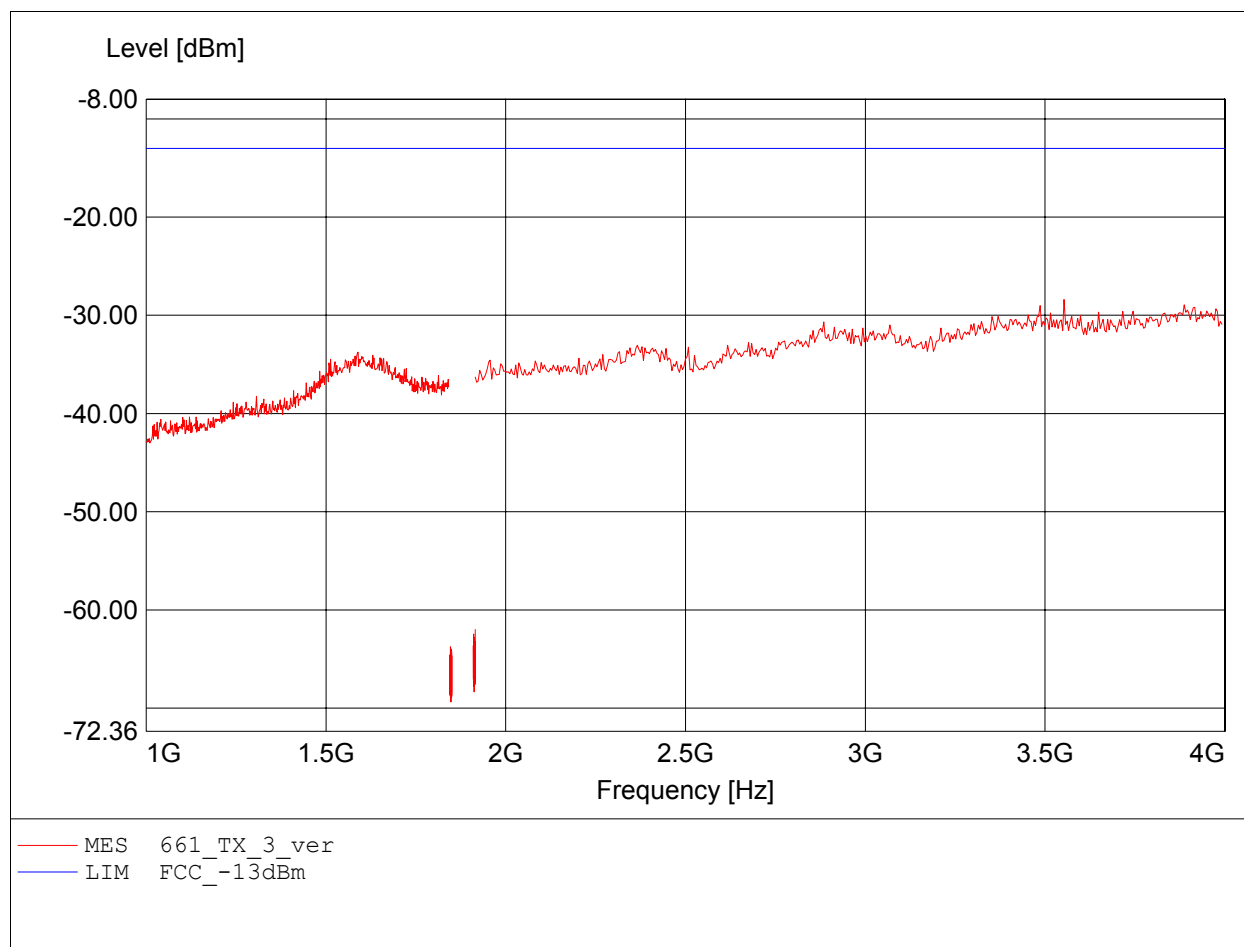
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Hughes Telematics, Inc. / G0M-1105-1155
EUT / Model: Telematics Unit / AT-100
EDGE 1900 / CH: 661 / 2xSlot / Pmax / vertical
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Conditions 1: Tnom.: 24°C / Unom: 13.5 VDC (car power)
Test Conditions 2: Freq. / CH: 661
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 3.992GHz, Pmax: -28.34dBm, RBW: 1MHz/3kHz



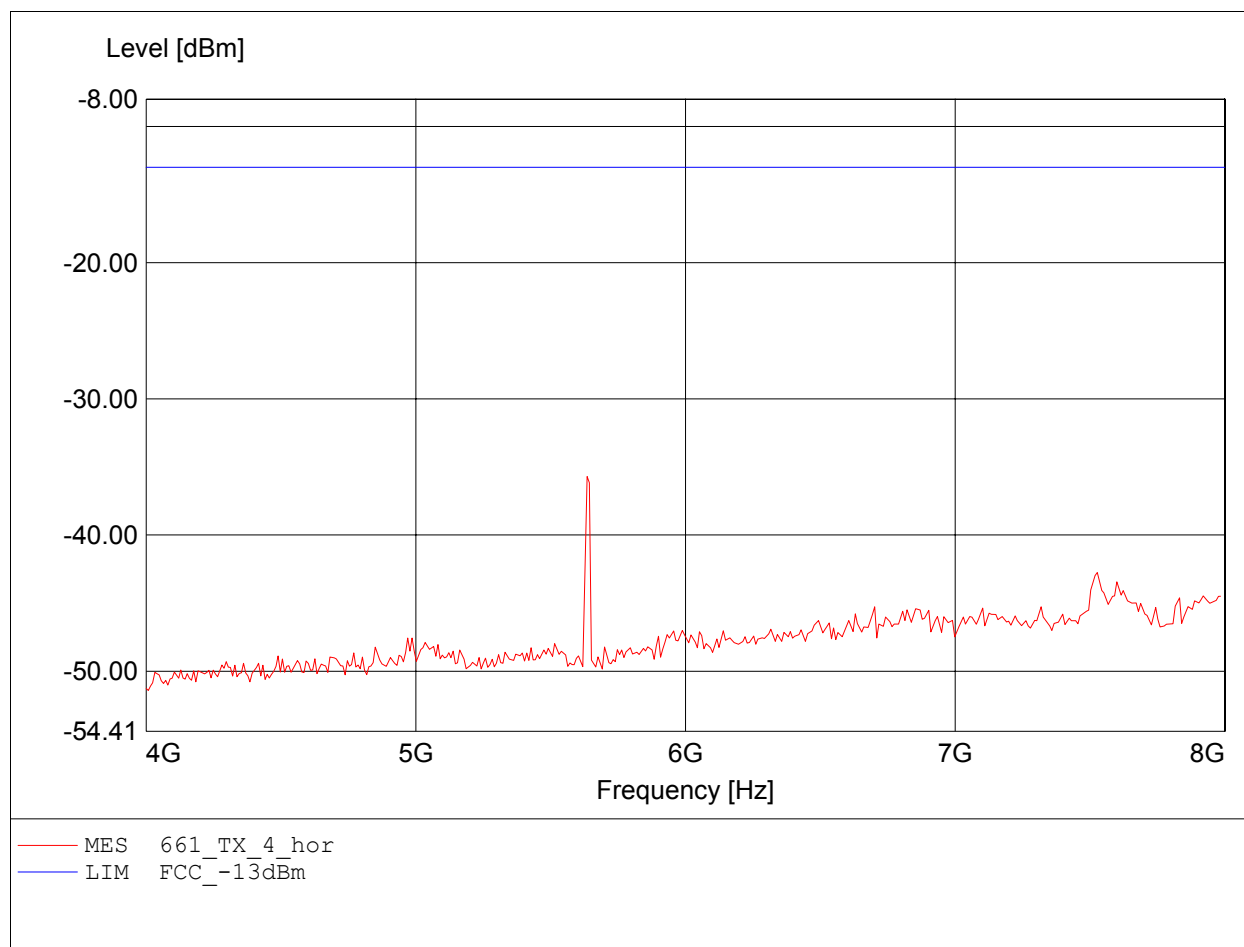
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Hughes Telematics, Inc. / GOM-1105-1155
EUT / Model: Telematics Unit / AT-100
EDGE 1900 / CH: 661 / 2xSlot / Pmax / vertical
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Conditions 1: Tnom.: 24°C / Unom: 13.5 VDC (car power)
Test Conditions 2: Freq. / CH: 661
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 3.553GHz, Pmax: -28.39dBm, RBW: 1MHz/3kHz



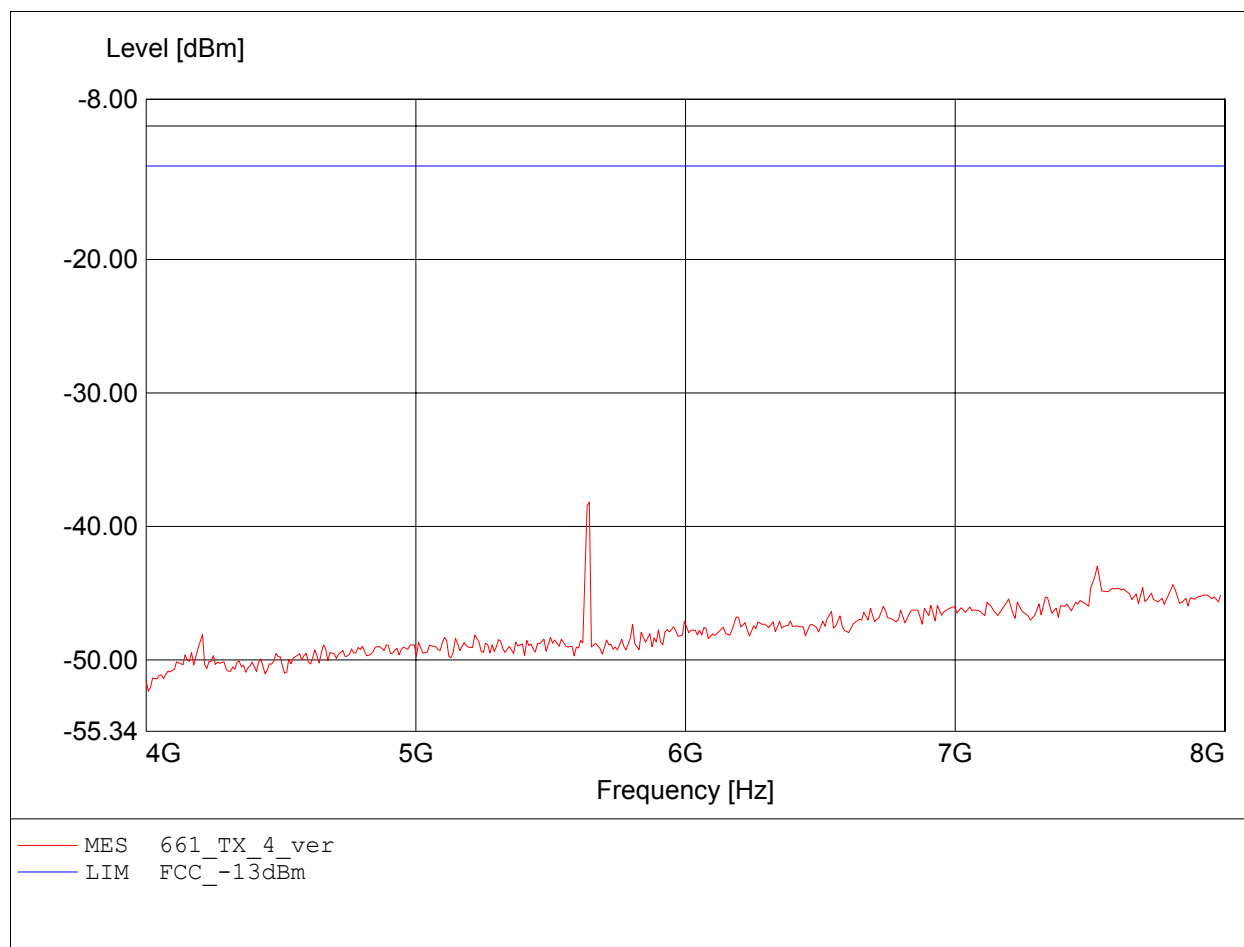
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Hughes Telematics, Inc. / GOM-1105-1155
EUT / Model: Telematics Unit / AT-100
EDGE 1900 / CH: 661 / 2xSlot / Pmax / vertical
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Conditions 1: Tnom.: 24°C / Unom: 13.5 VDC (car power)
Test Conditions 2: Freq. / CH: 661
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 5.635GHz, Pmax: -35.70dBm, RBW: 1MHz



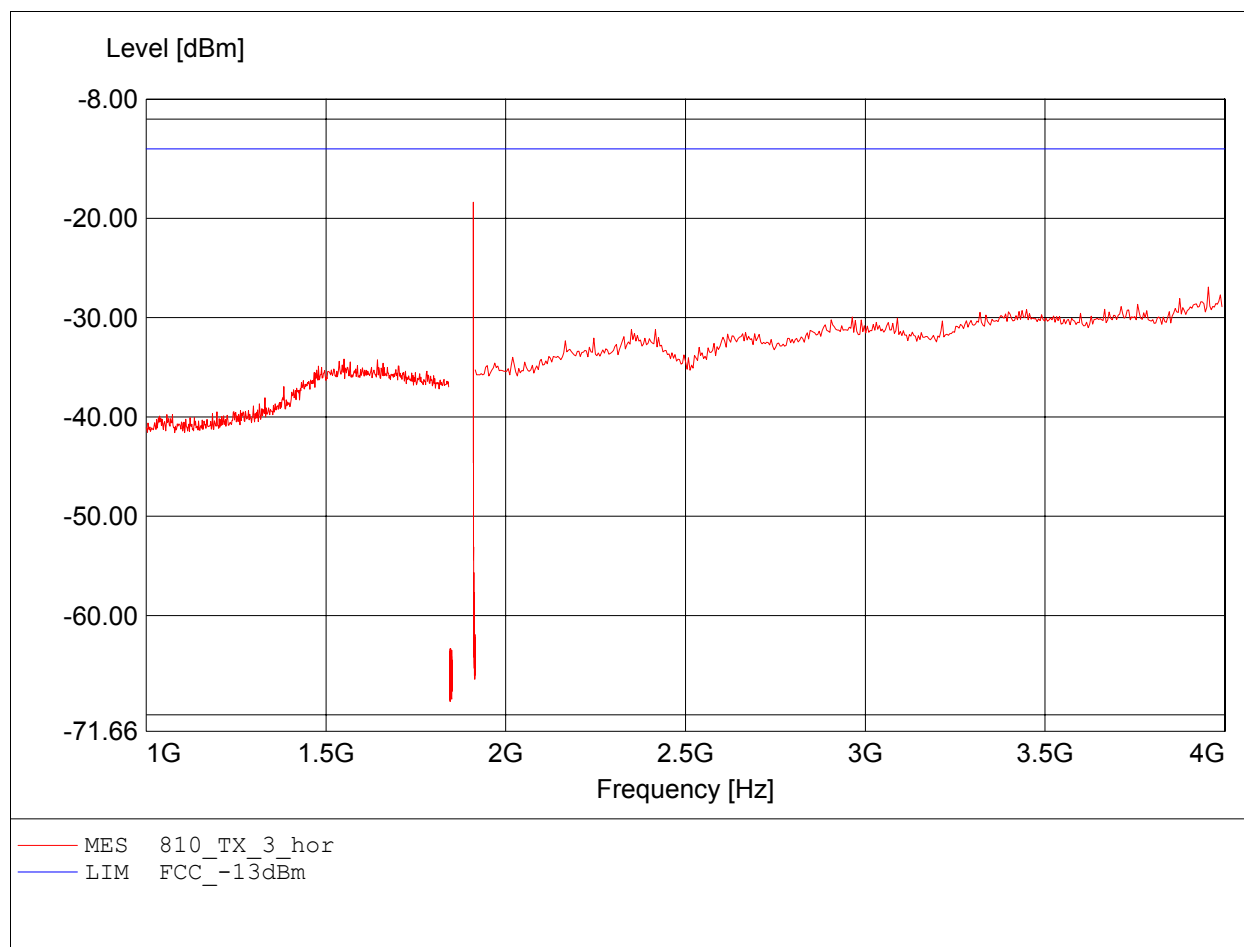
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Hughes Telematics, Inc. / GOM-1105-1155
EUT / Model: Telematics Unit / AT-100
EDGE 1900 / CH: 661 / 2xSlot / Pmax / vertical
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Conditions 1: Tnom.: 24°C / Unom: 13.5 VDC (car power)
Test Conditions 2: Freq. / CH: 661
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 5.643GHz, Pmax: -38.18dBm, RBW: 1MHz



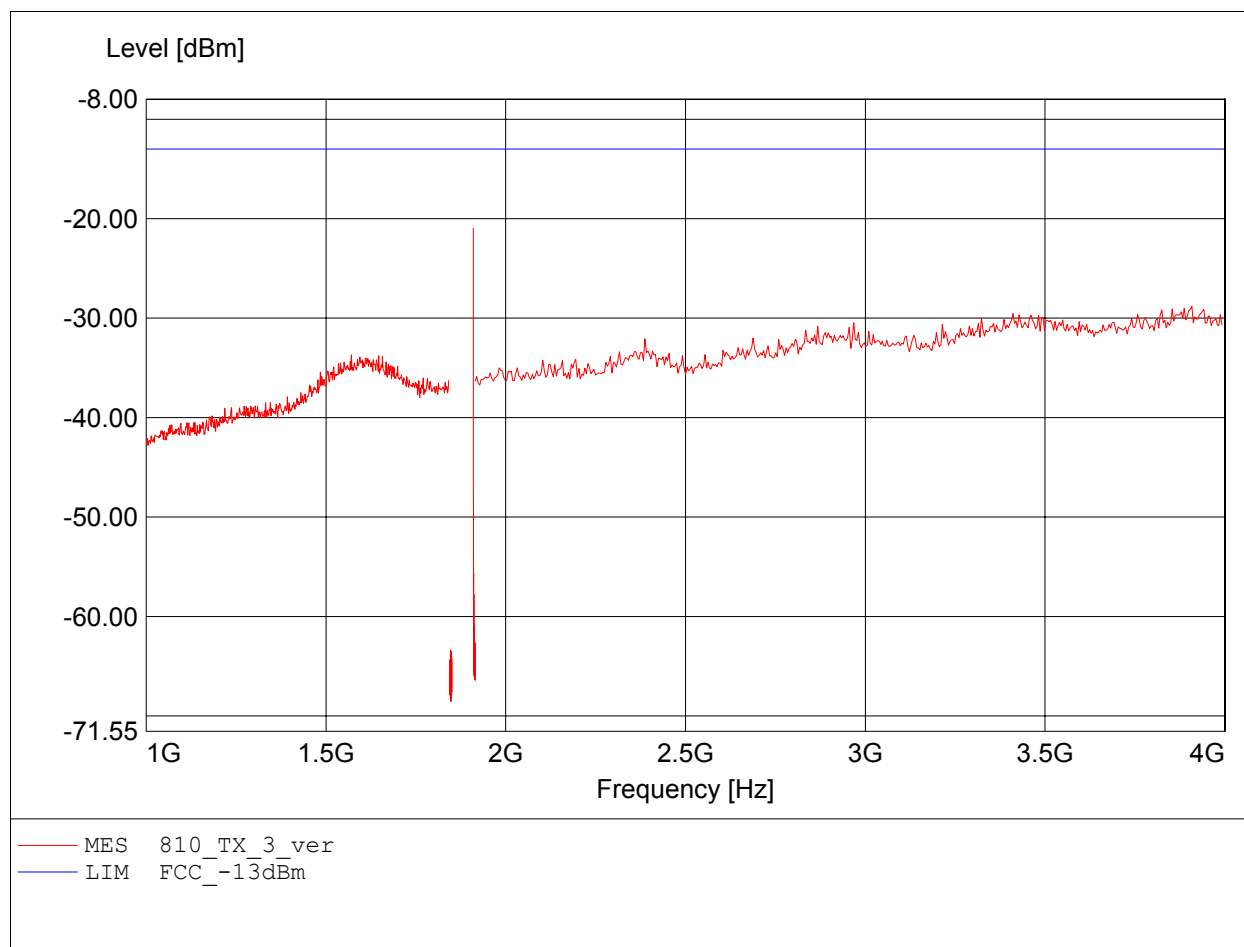
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Hughes Telematics, Inc. / GOM-1105-1155
EUT / Model: Telematics Unit / AT-100
EDGE 1900 / CH: 810 / 2xSlot / Pmax / vertical
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Conditions 1: Tnom.: 24°C / Unom: 13.5 VDC (car power)
Test Conditions 2: Freq. / CH: 810
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 1.910GHz, Pmax: -18.37dBm, RBW: 1MHz/3kHz



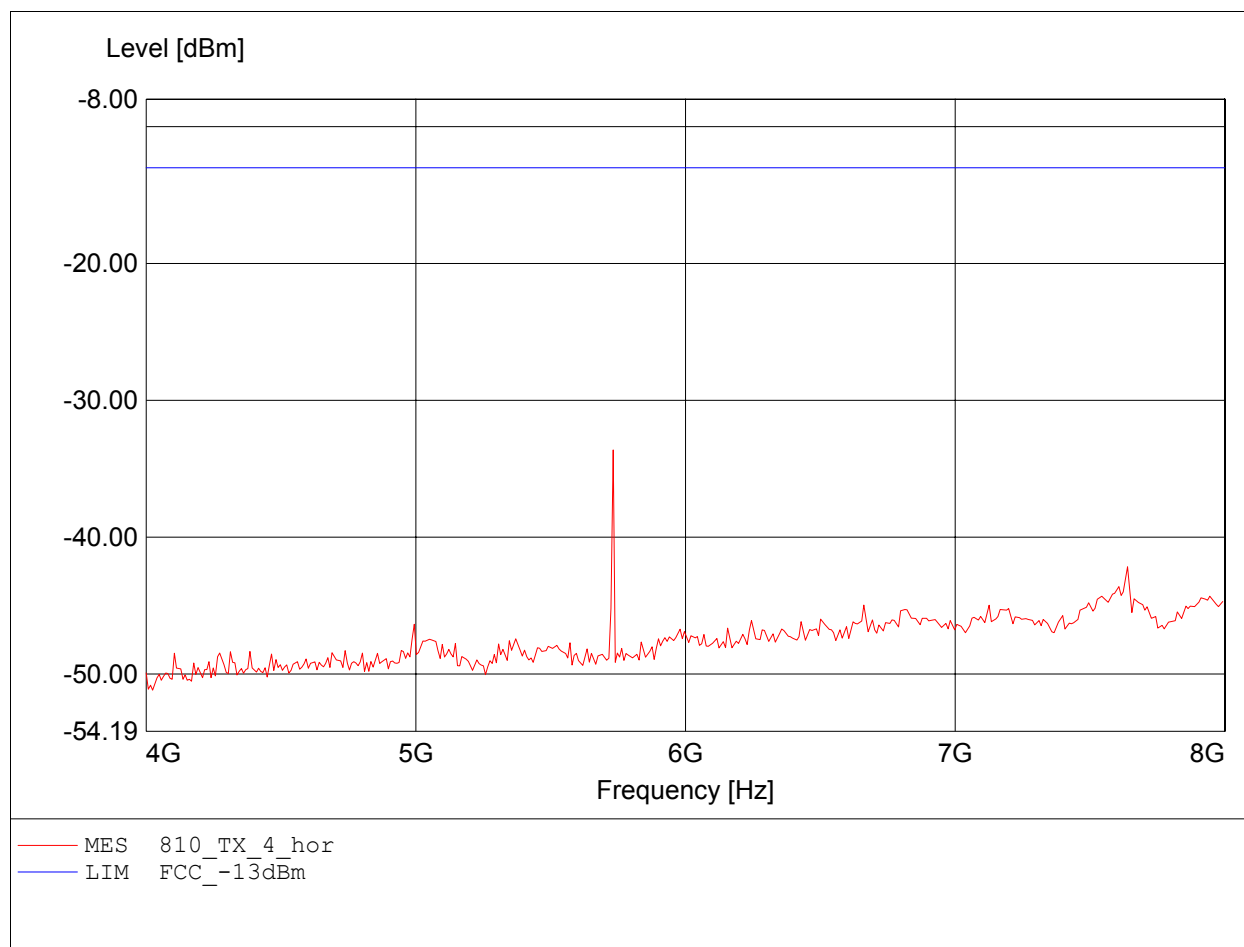
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Hughes Telematics, Inc. / GOM-1105-1155
EUT / Model: Telematics Unit / AT-100
EDGE 1900 / CH: 810 / 2xSlot / Pmax / vertical
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Conditions 1: Tnom.: 24°C / Unom: 13.5 VDC (car power)
Test Conditions 2: Freq. / CH: 810
Comment 1: Dist.: 3m, Ant.: HL025
Comment 2: Freq: 1.910GHz, Pmax: -20.95dBm, RBW: 1MHz/3kHz



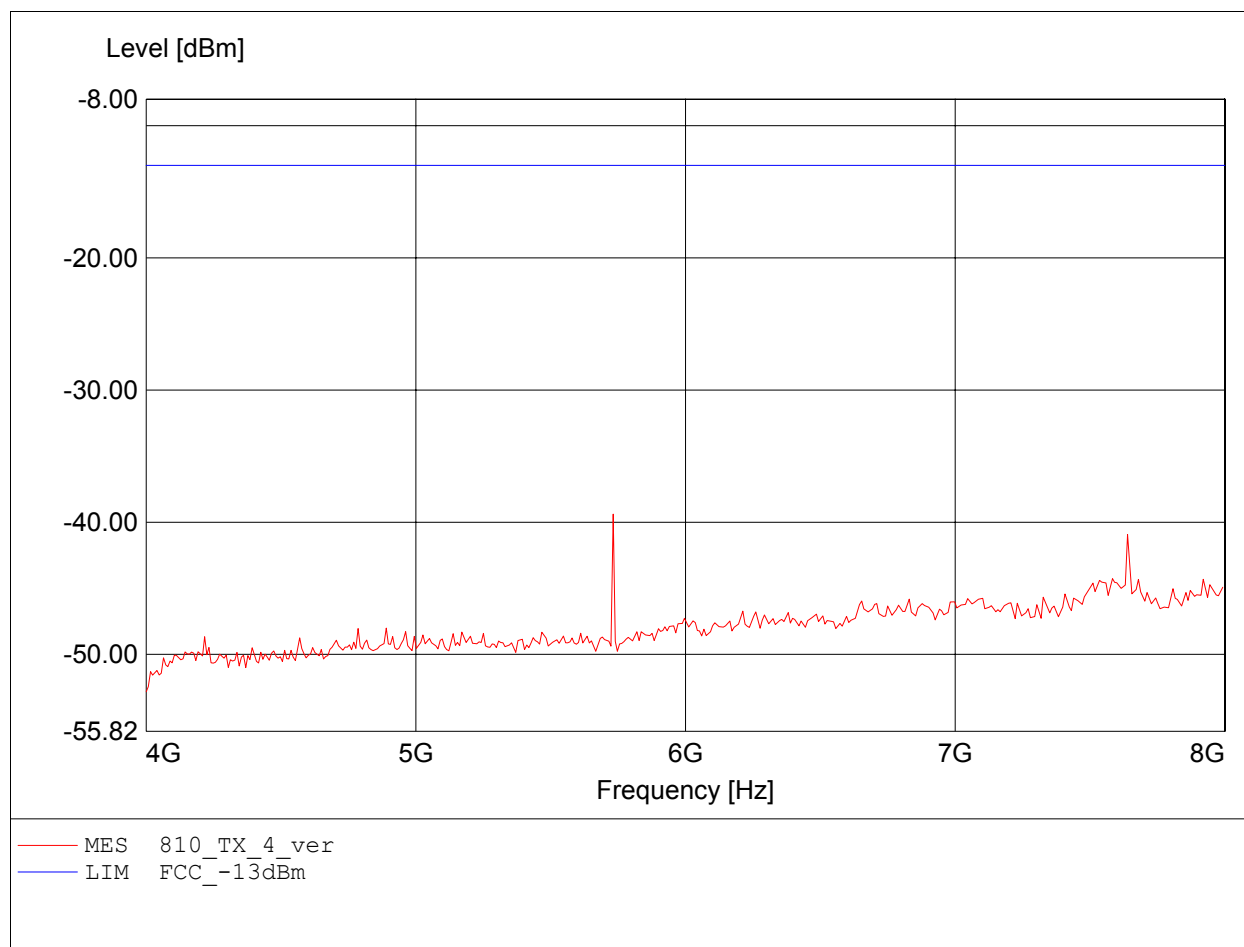
Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

Approval Holder: Hughes Telematics, Inc. / GOM-1105-1155
EUT / Model: Telematics Unit / AT-100
EDGE 1900 / CH: 810 / 2xSlot / Pmax / vertical
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Conditions 1: Tnom.: 24°C / Unom: 13.5 VDC (car power)
Test Conditions 2: Freq. / CH: 810
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 5.731GHz, Pmax: -33.64dBm, RBW: 1MHz



Radiated Emissions Tx
FCC RULES PART 24 SUBPART E

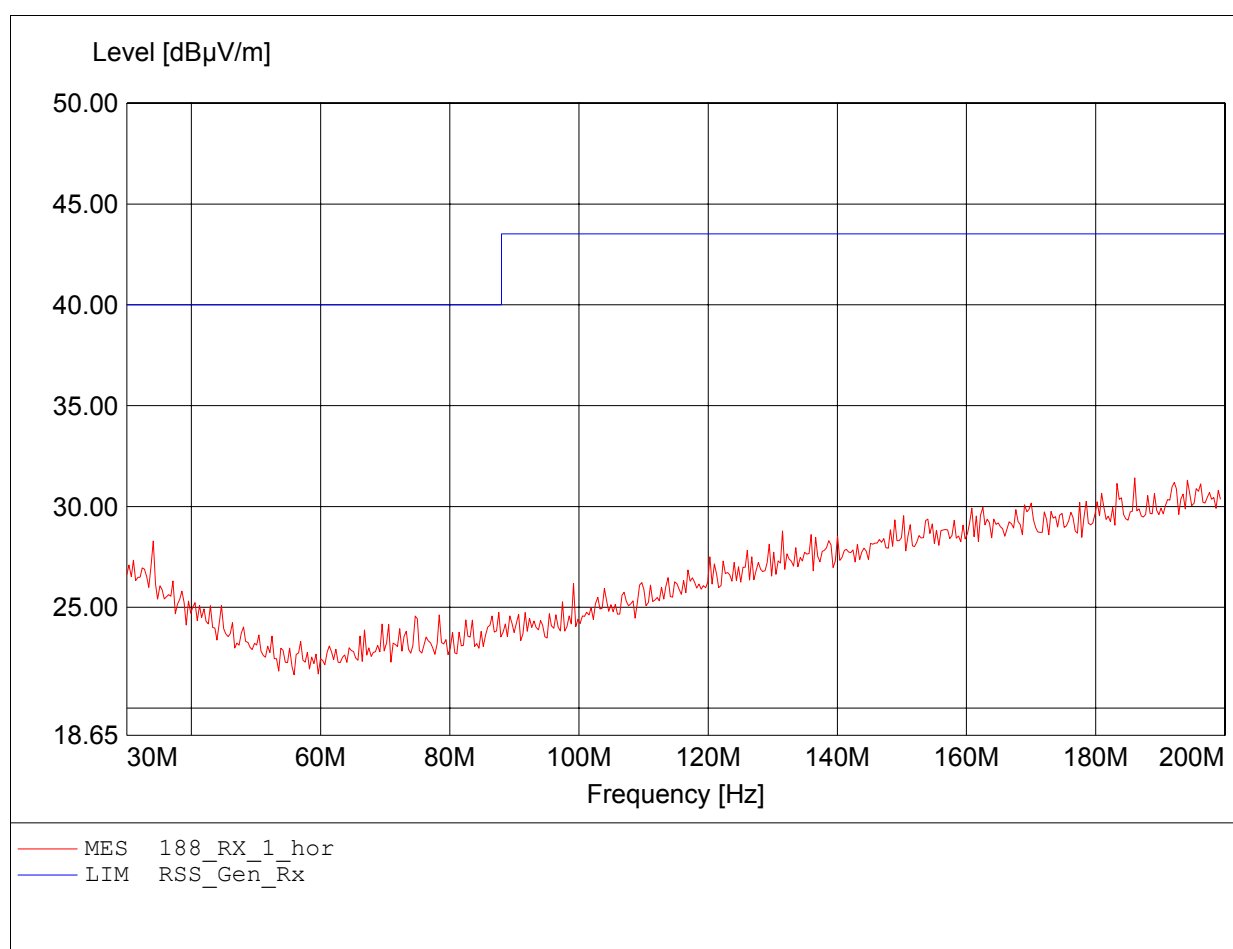
Approval Holder: Hughes Telematics, Inc. / GOM-1105-1155
EUT / Model: Telematics Unit / AT-100
EDGE 1900 / CH: 810 / 2xSlot / Pmax / vertical
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Conditions 1: Tnom.: 24°C / Unom: 13.5 VDC (car power)
Test Conditions 2: Freq. / CH: 810
Comment 1: Dist.: 3m, Ant.: HL025, ampl.+HP.
Comment 2: Freq: 5.731GHz, Pmax: -39.38dBm, RBW: 1MHz



Annex E Receiver radiated spurious emissions

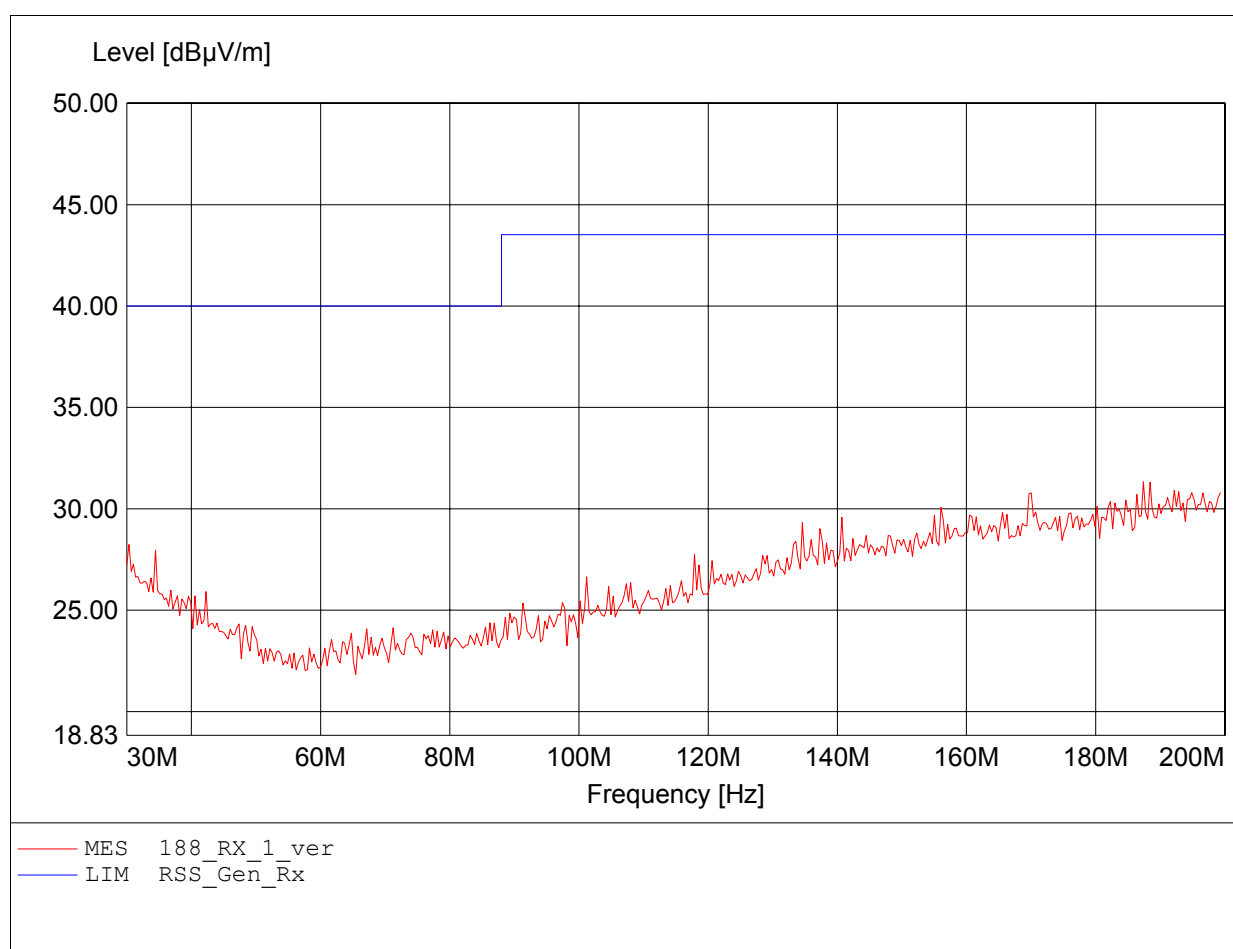
Field Strength under normal conditions
Standards Industry Canada, RSS-GEN

Approval Holder: Hughes Telematics, Inc. / GOM-1105-1155
EUT / Model: Telematics Unit / AT-100
GPRS 850 / CH: 188 / RX_Idle / vertical
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Conditions 1: Tnom.: 24°C / Unom: 13.5 VDC (car power)
Test Conditions 2: Freq. / CH: 188
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq:186.032MHz Emax:31.41dBµV/m RBW: 100 kHz



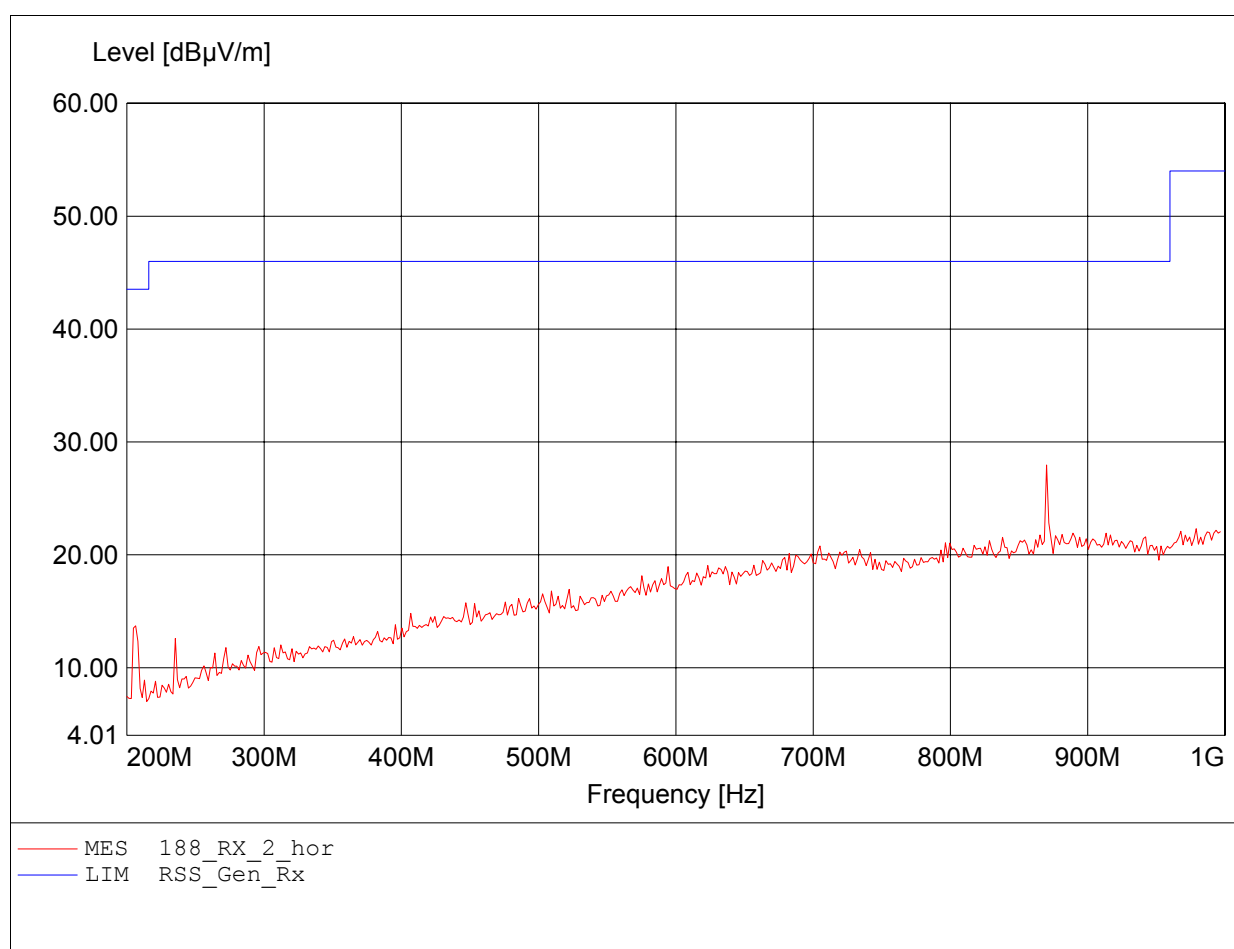
Field Strength under normal conditions
Standards Industry Canada, RSS-GEN

Approval Holder: Hughes Telematics, Inc. / GOM-1105-1155
EUT / Model: Telematics Unit / AT-100
GPRS 850 / CH: 188 / RX_Idle / vertical
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Conditions 1: Tnom.: 24°C / Unom: 13.5 VDC (car power)
Test Conditions 2: Freq. / CH: 188
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq:187.395MHz Emax:31.33dBμV/m RBW: 100 kHz



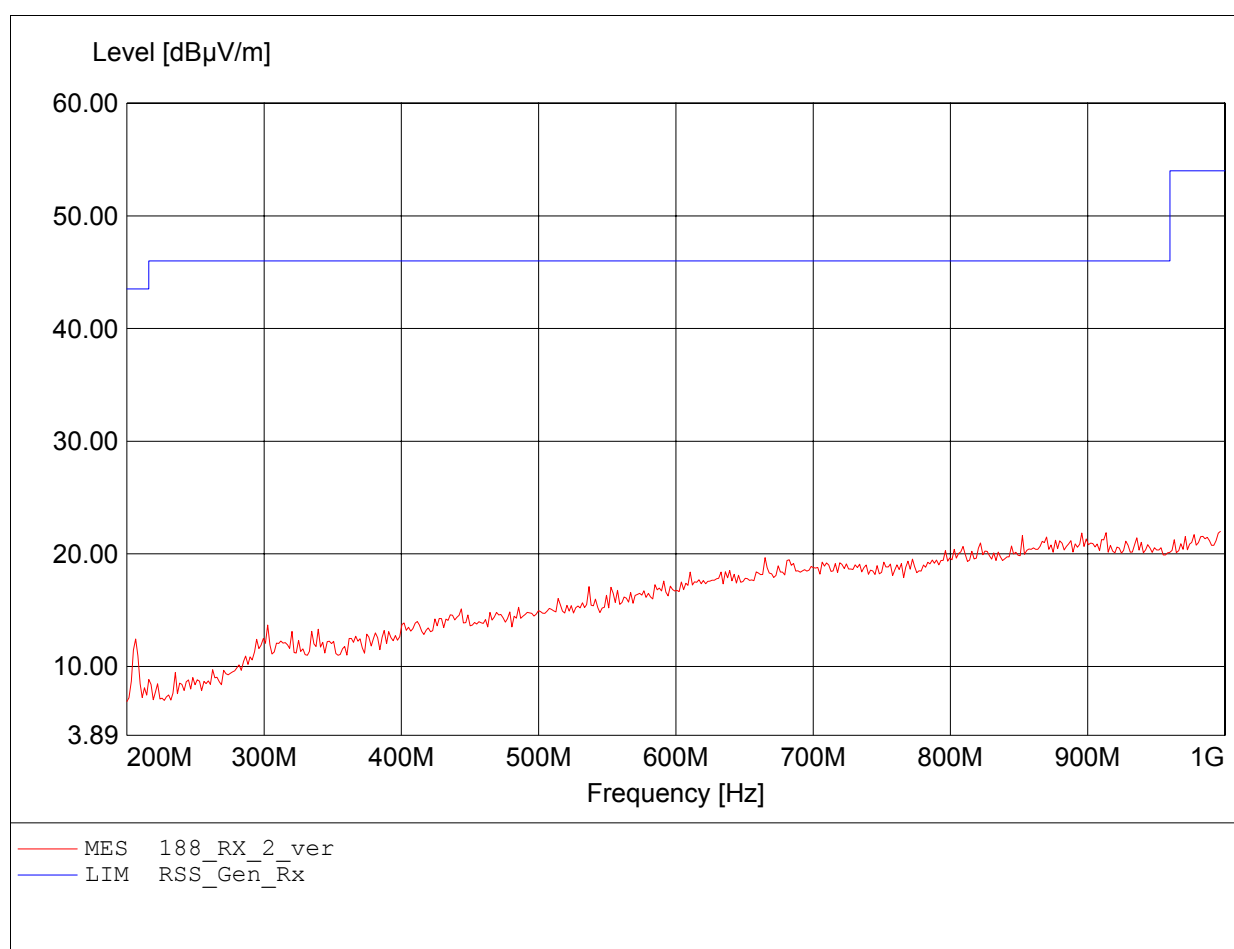
Field Strength under normal conditions
Standards Industry Canada, RSS-GEN

Approval Holder: Hughes Telematics, Inc. / GOM-1105-1155
EUT / Model: Telematics Unit / AT-100
GPRS 850 / CH: 188 / RX_Idle / vertical
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Conditions 1: Tnom.: 24°C / Unom: 13.5 VDC (car power)
Test Conditions 2: Freq. / CH: 188
Comment 1: Dist.: 3m, Ant.: HL 223, ampl.
Comment 2: Freq:870.140MHz Emax:27.96dBμV/m RBW: 100 kHz



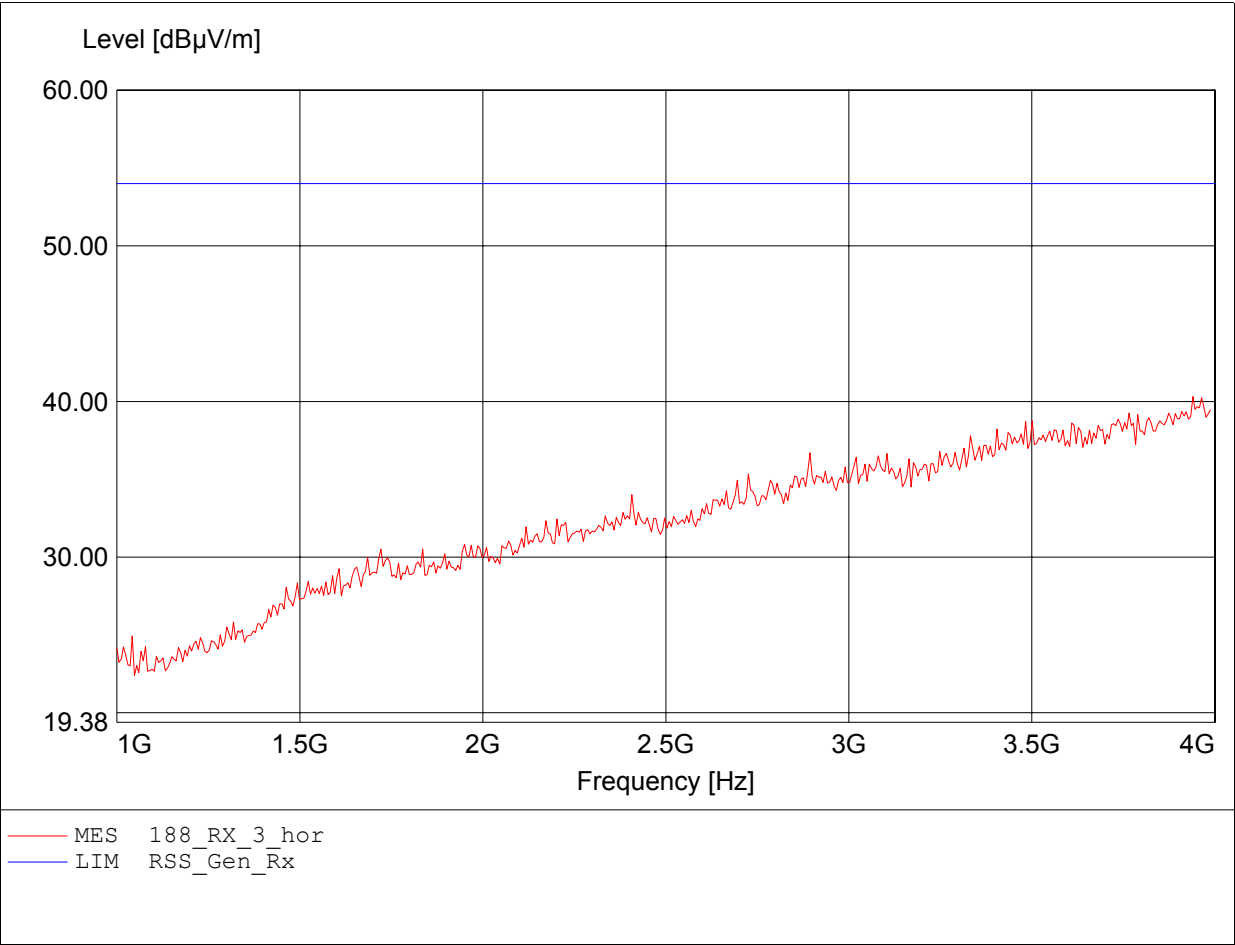
Field Strength under normal conditions
Standards Industry Canada, RSS-GEN

Approval Holder: Hughes Telematics, Inc. / GOM-1105-1155
EUT / Model: Telematics Unit / AT-100
GPRS 850 / CH: 188 / RX_Idle / vertical
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Conditions 1: Tnom.: 24°C / Unom: 13.5 VDC (car power)
Test Conditions 2: Freq. / CH: 188
Comment 1: Dist.: 3m, Ant.: HL 223, ampl.
Comment 2: Freq:996.794MHz Emax:21.99dBμV/m RBW: 100 kHz



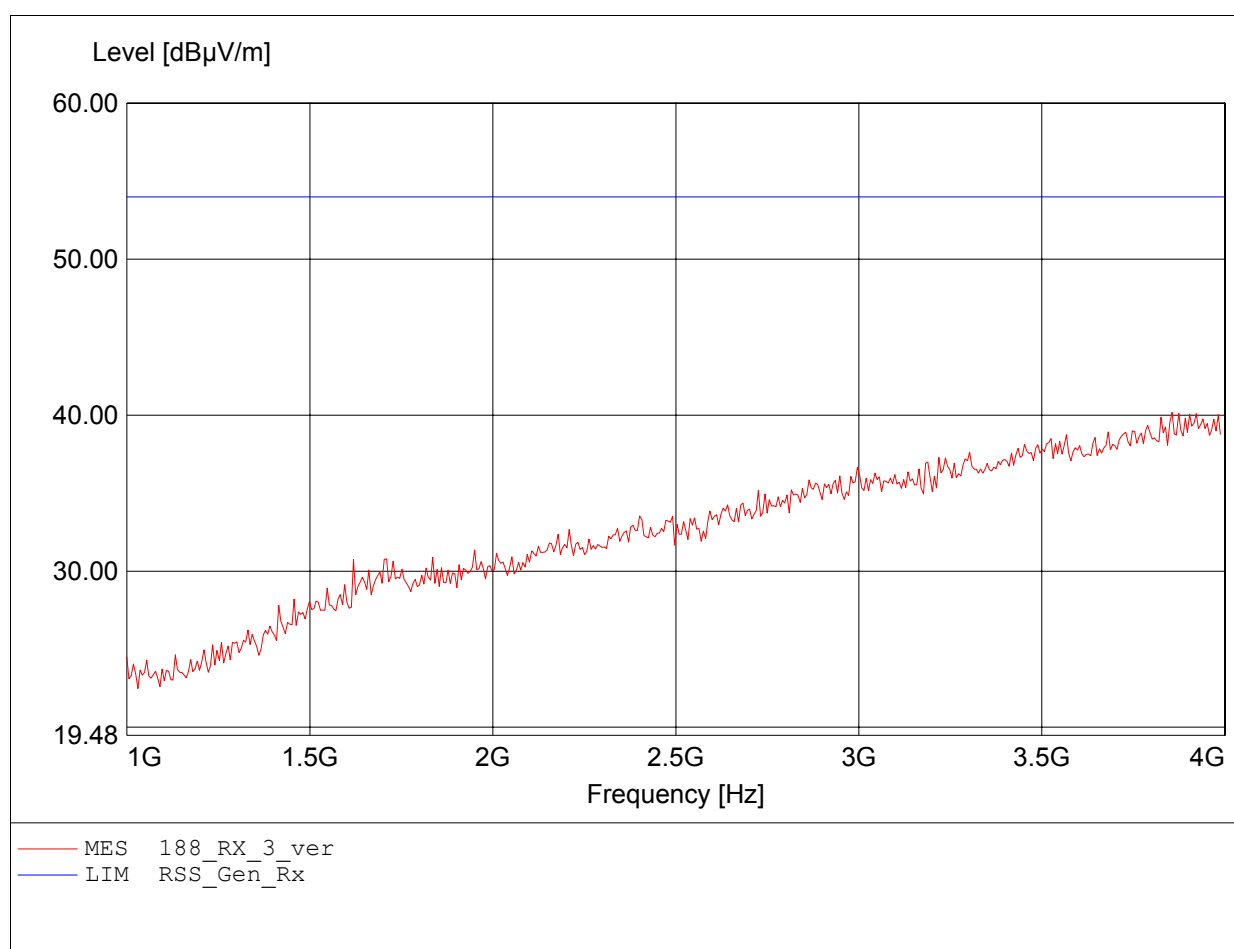
Field Strength under normal conditions
Standards Industry Canada, RSS-GEN

Approval Holder: Hughes Telematics, Inc. / GOM-1105-1155
EUT / Model: Telematics Unit / AT-100
GPRS 850 / CH: 188 / RX_Idle / vertical
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Conditions 1: Tnom.: 24°C / Unom: 13.5 VDC (car power)
Test Conditions 2: Freq. / CH: 188
Comment 1: Dist.: 3m, Ant.: HL025, ampl.
Comment 2: Freq:3.940GHz Emax:40.31dBµV/m RBW: 1 MHz



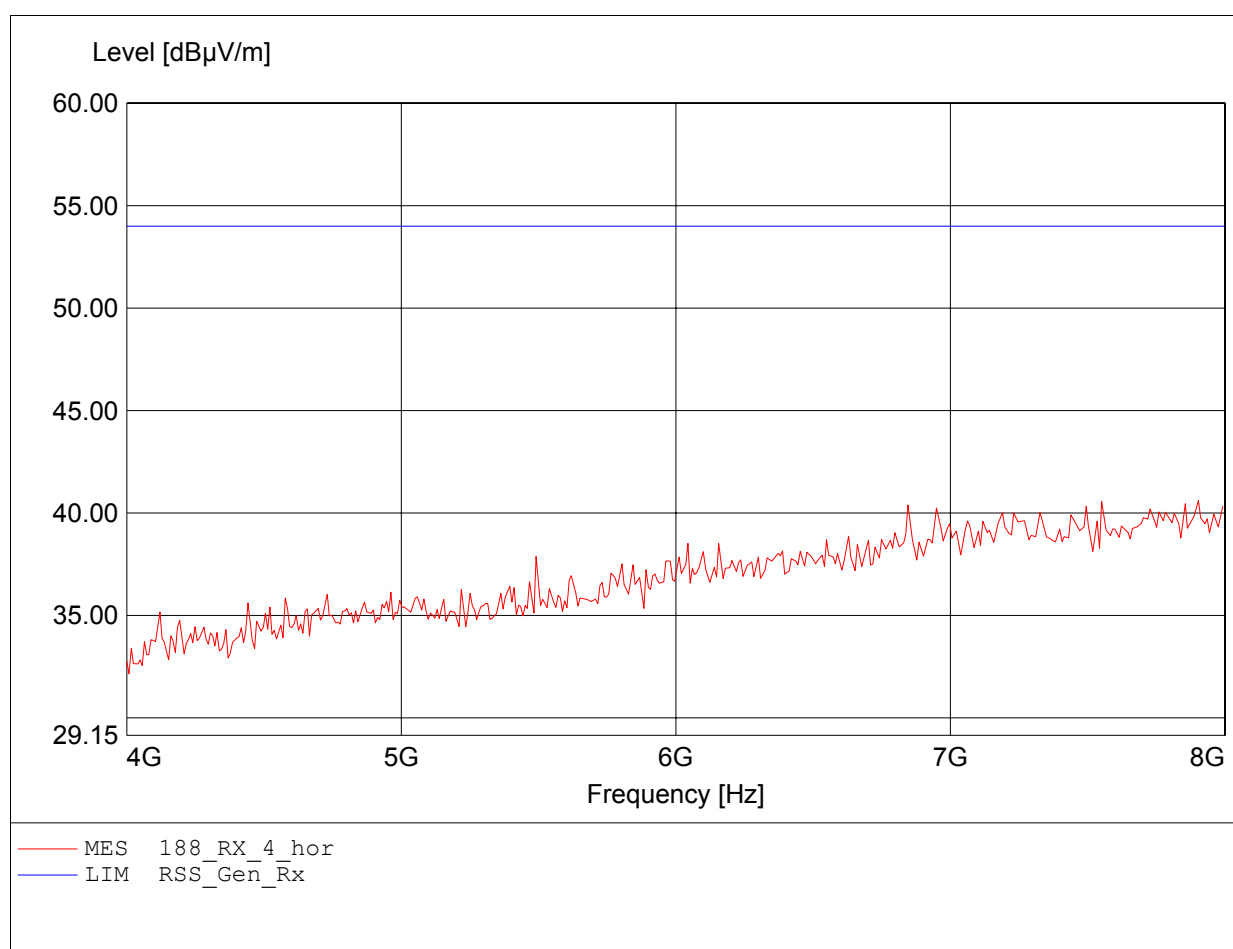
Field Strength under normal conditions
Standards Industry Canada, RSS-GEN

Approval Holder: Hughes Telematics, Inc. / GOM-1105-1155
EUT / Model: Telematics Unit / AT-100
GPRS 850 / CH: 188 / RX_Idle / vertical
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Conditions 1: Tnom.: 24°C / Unom: 13.5 VDC (car power)
Test Conditions 2: Freq. / CH: 188
Comment 1: Dist.: 3m, Ant.: HL025, ampl.
Comment 2: Freq:3.856GHz Emax:40.19dBμV/m RBW: 1 MHz



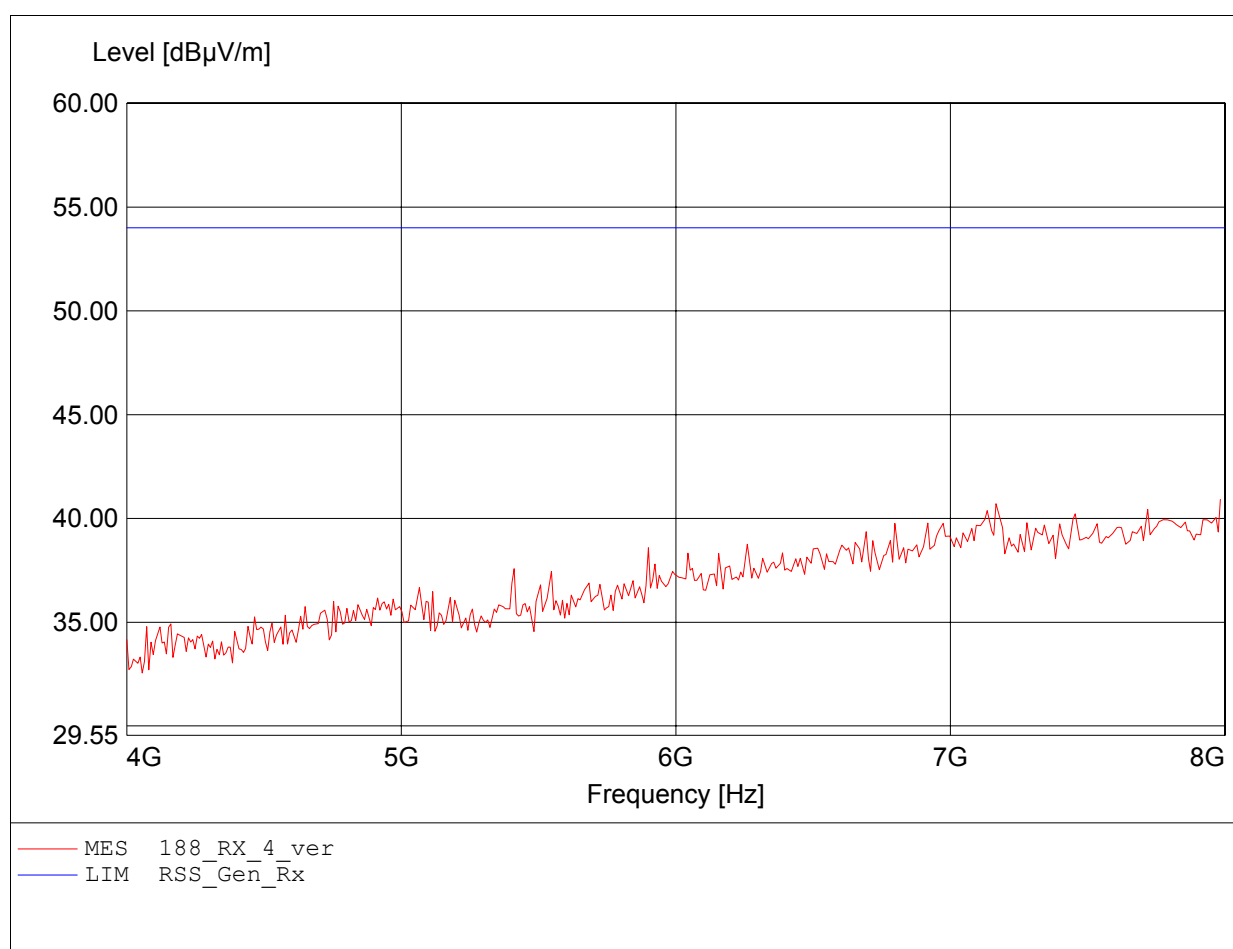
Field Strength under normal conditions
Standards Industry Canada, RSS-GEN

Approval Holder: Hughes Telematics, Inc. / GOM-1105-1155
EUT / Model: Telematics Unit / AT-100
GPRS 850 / CH: 188 / RX_Idle / vertical
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Conditions 1: Tnom.: 24°C / Unom: 13.5 VDC (car power)
Test Conditions 2: Freq. / CH: 188
Comment 1: Dist.: 3m, Ant.: HL025, ampl.
Comment 2: Freq:7.904GHz Emax:40.61dBμV/m RBW: 1 MHz



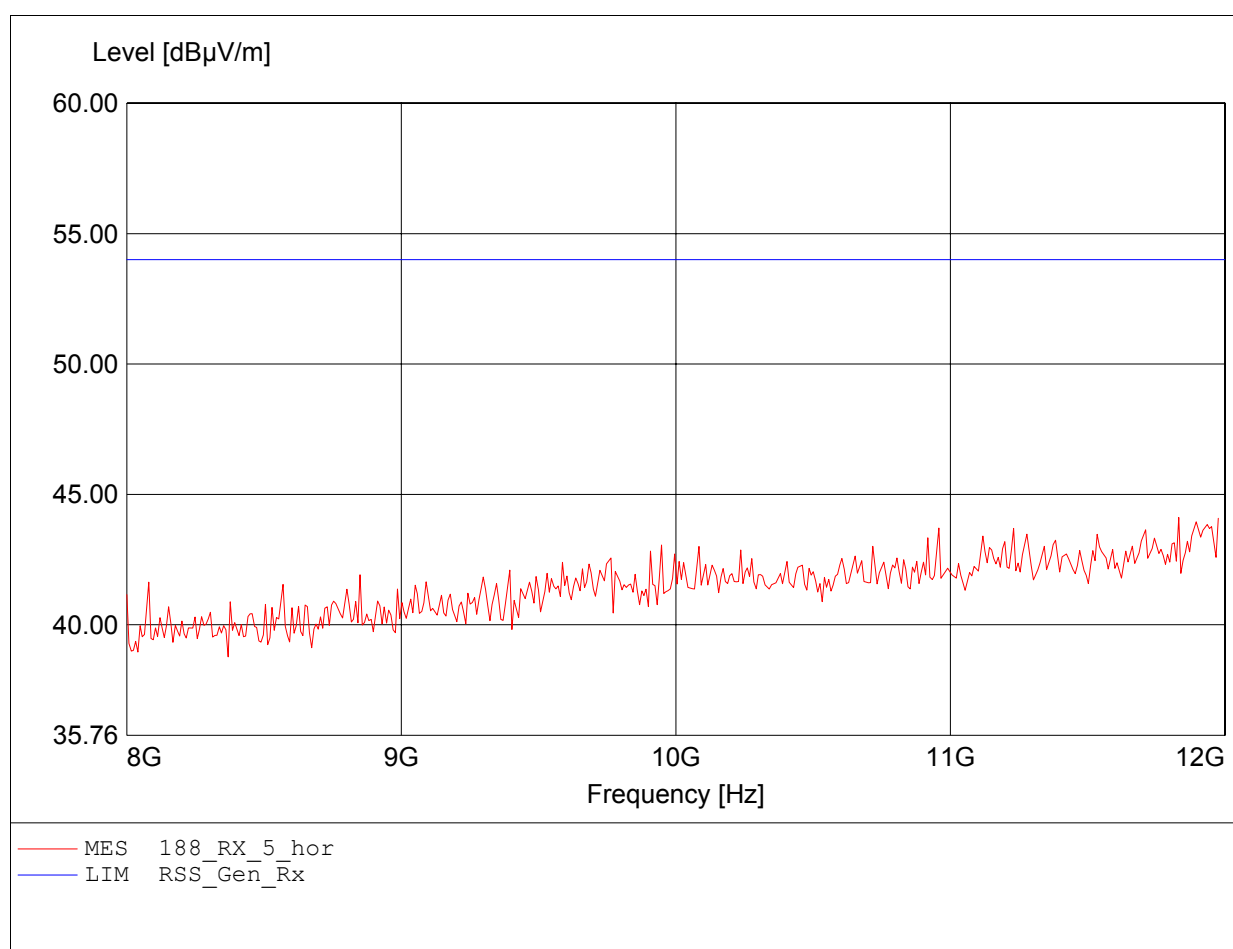
Field Strength under normal conditions
Standards Industry Canada, RSS-GEN

Approval Holder: Hughes Telematics, Inc. / GOM-1105-1155
EUT / Model: Telematics Unit / AT-100
GPRS 850 / CH: 188 / RX_Idle / vertical
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Conditions 1: Tnom.: 24°C / Unom: 13.5 VDC (car power)
Test Conditions 2: Freq. / CH: 188
Comment 1: Dist.: 3m, Ant.: HL025, ampl.
Comment 2: Freq:7.984GHz Emax:40.92dBμV/m RBW: 1 MHz



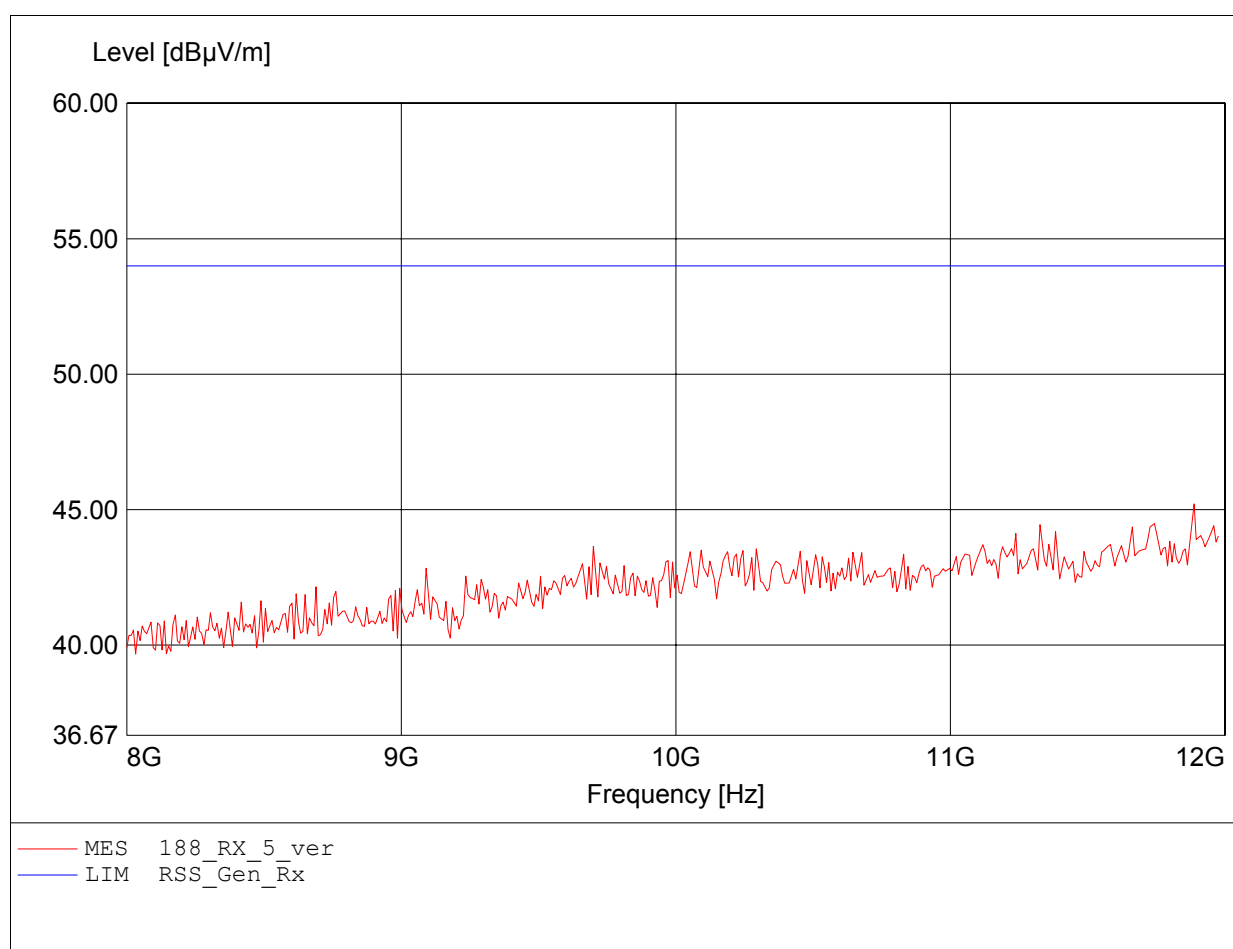
Field Strength under normal conditions
Standards Industry Canada, RSS-GEN

Approval Holder: Hughes Telematics, Inc. / GOM-1105-1155
EUT / Model: Telematics Unit / AT-100
GPRS 850 / CH: 188 / RX_Idle / vertical
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Conditions 1: Tnom.: 24°C / Unom: 13.5 VDC (car power)
Test Conditions 2: Freq. / CH: 188
Comment 1: Dist.: 3m, Ant.: HL025, ampl.
Comment 2: Freq:11.832GHz Emax:44.11dBμV/m RBW: 1 MHz



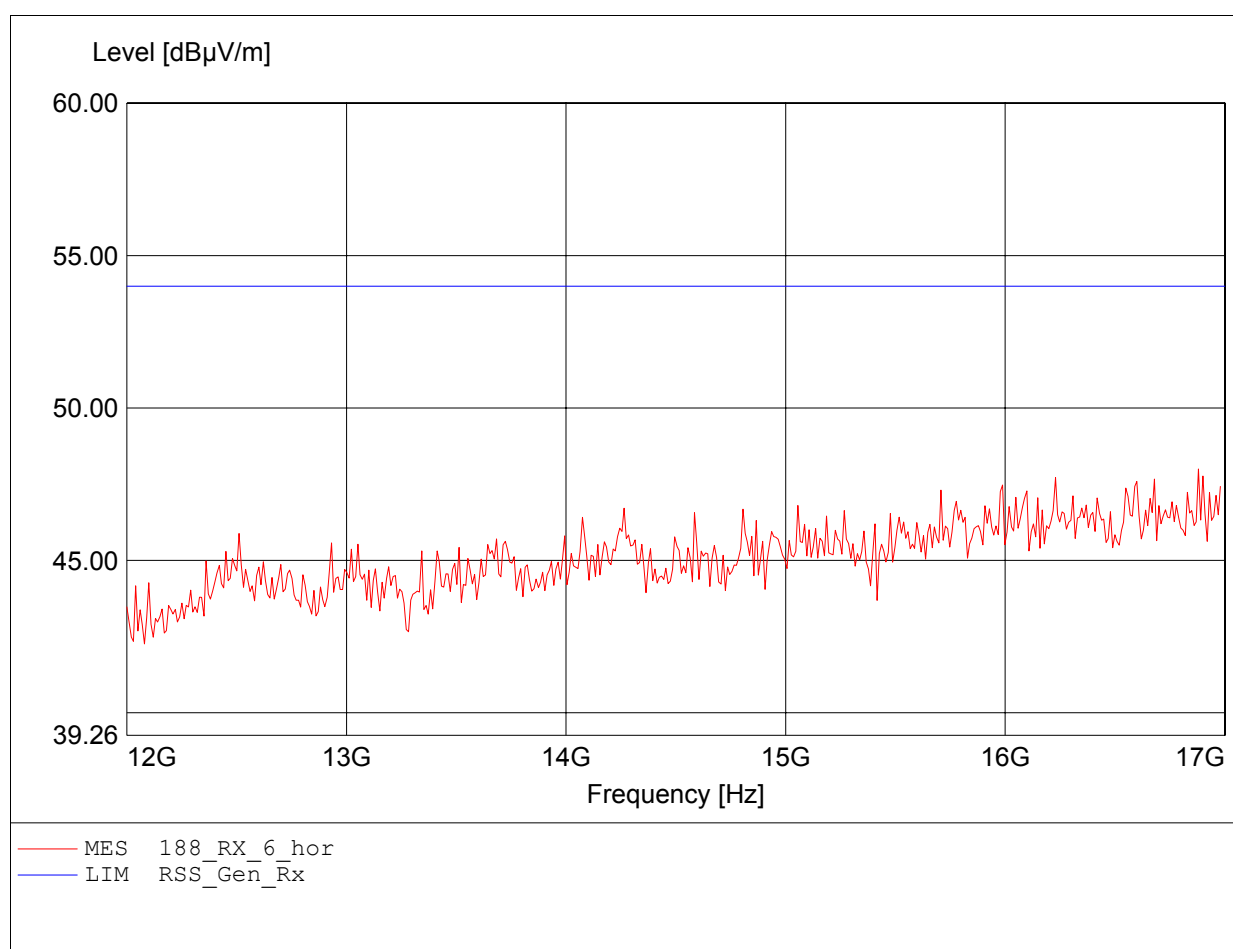
Field Strength under normal conditions
Standards Industry Canada, RSS-GEN

Approval Holder: Hughes Telematics, Inc. / GOM-1105-1155
EUT / Model: Telematics Unit / AT-100
GPRS 850 / CH: 188 / RX_Idle / vertical
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Conditions 1: Tnom.: 24°C / Unom: 13.5 VDC (car power)
Test Conditions 2: Freq. / CH: 188
Comment 1: Dist.: 3m, Ant.: HL025, ampl.
Comment 2: Freq:11.888GHz Emax:45.21dBμV/m RBW: 1 MHz



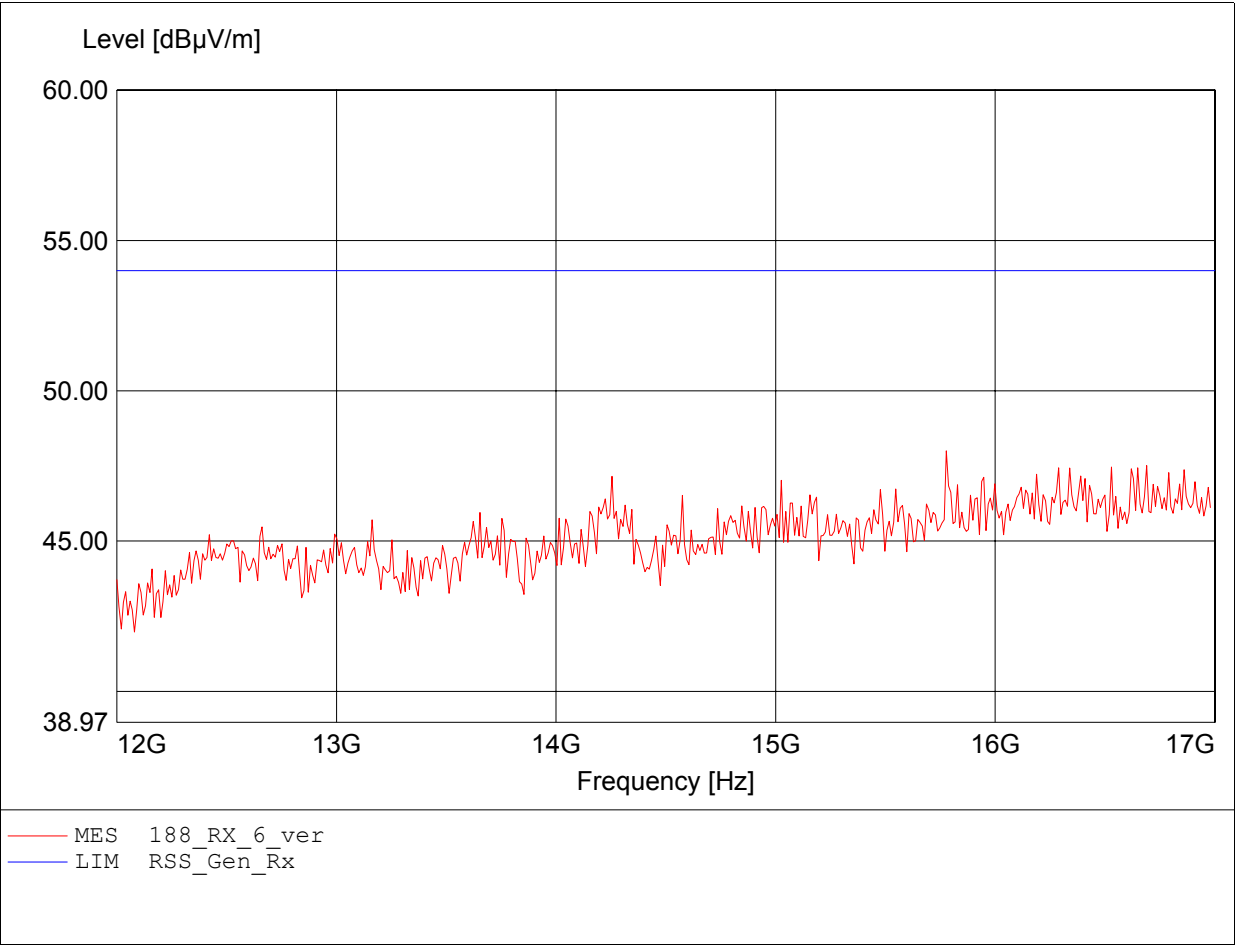
Field Strength under normal conditions
Standards Industry Canada, RSS-GEN

Approval Holder: Hughes Telematics, Inc. / GOM-1105-1155
EUT / Model: Telematics Unit / AT-100
GPRS 850 / CH: 188 / RX_Idle / vertical
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Conditions 1: Tnom.: 24°C / Unom: 13.5 VDC (car power)
Test Conditions 2: Freq. / CH: 188
Comment 1: Dist.: 3m, Ant.: HL025, ampl.
Comment 2: Freq:16.880GHz Emax:48.00dBμV/m RBW: 1 MHz



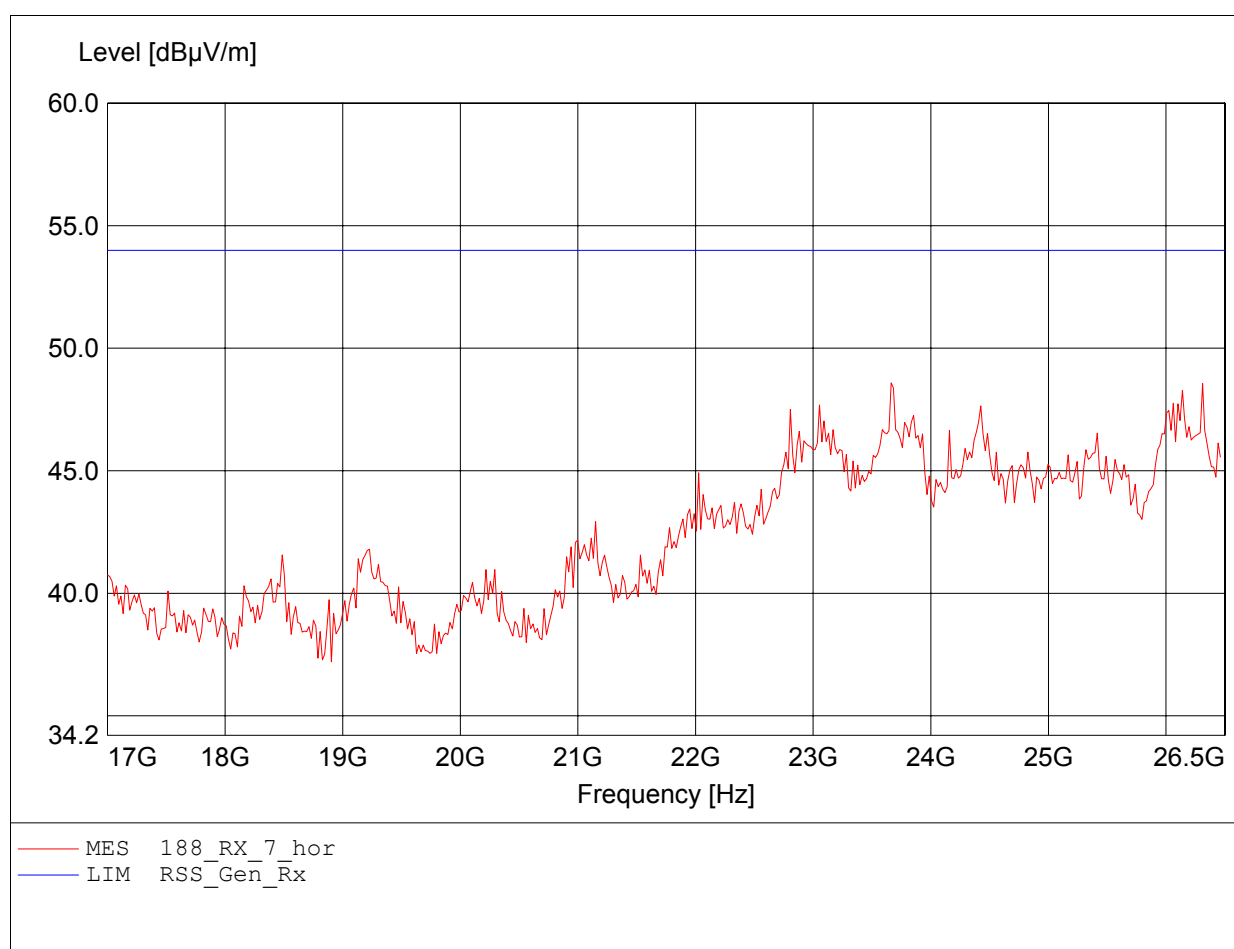
Field Strength under normal conditions
Standards Industry Canada, RSS-GEN

Approval Holder: Hughes Telematics, Inc. / GOM-1105-1155
EUT / Model: Telematics Unit / AT-100
GPRS 850 / CH: 188 / RX_Idle / vertical
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Conditions 1: Tnom.: 24°C / Unom: 13.5 VDC (car power)
Test Conditions 2: Freq. / CH: 188
Comment 1: Dist.: 3m, Ant.: HL025, ampl.
Comment 2: Freq:15.778GHz Emax:48.00dBμV/m RBW: 1 MHz



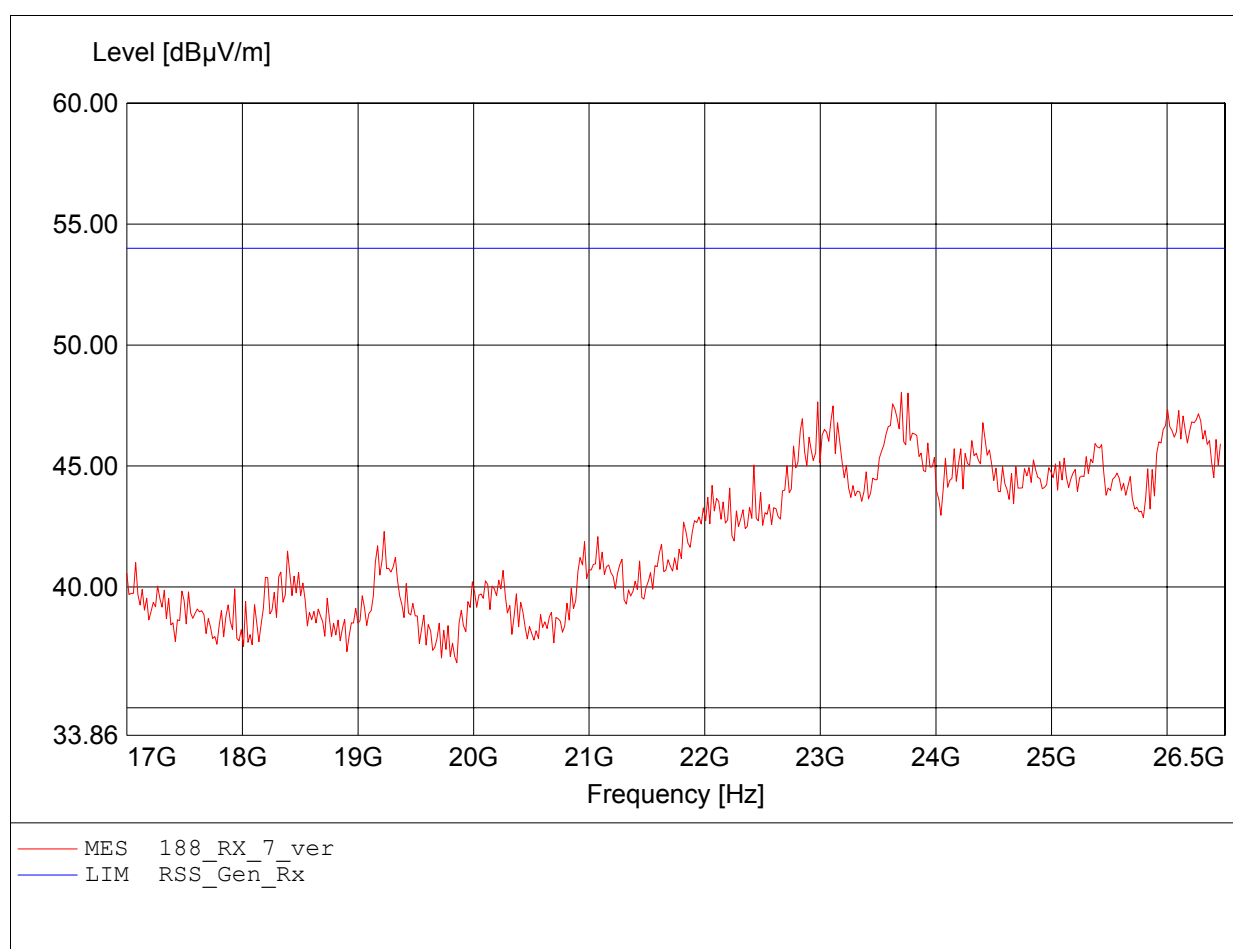
Field Strength under normal conditions
Standards Industry Canada, RSS-GEN

Approval Holder: Hughes Telematics, Inc. / GOM-1105-1155
EUT / Model: Telematics Unit / AT-100
GPRS 850 / CH: 188 / RX_Idle / vertical
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Conditions 1: Tnom.: 24°C / Unom: 13.5 VDC (car power)
Test Conditions 2: Freq. / CH: 188
Comment 1: Dist.: 3m, Ant.: HL025, ampl.
Comment 2: Freq:23.663GHz Emax:48.58dBμV/m RBW: 1 MHz



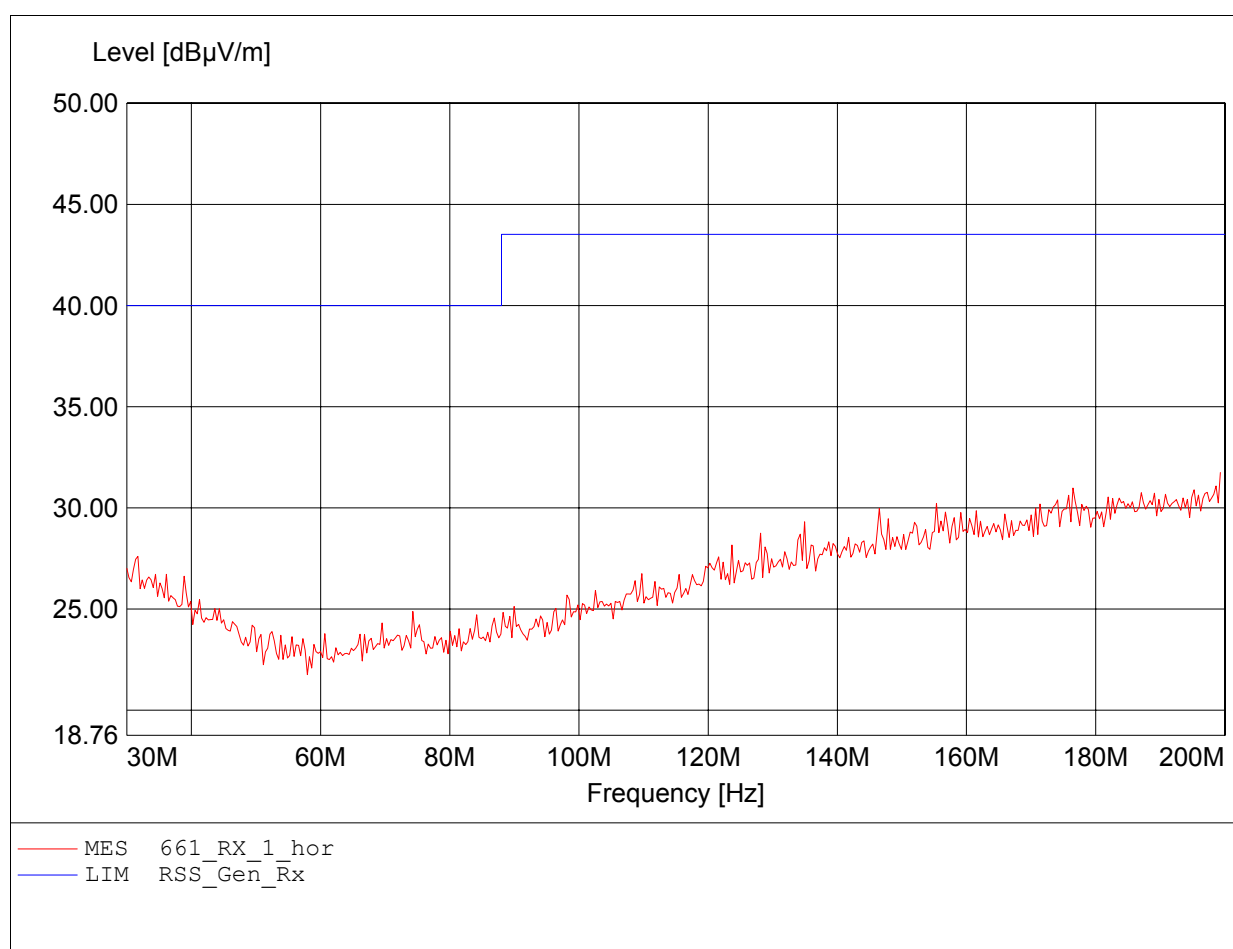
Field Strength under normal conditions
Standards Industry Canada, RSS-GEN

Approval Holder: Hughes Telematics, Inc. / GOM-1105-1155
EUT / Model: Telematics Unit / AT-100
GPRS 850 / CH: 188 / RX_Idle / vertical
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Conditions 1: Tnom.: 24°C / Unom: 13.5 VDC (car power)
Test Conditions 2: Freq. / CH: 188
Comment 1: Dist.: 3m, Ant.: HL025, ampl.
Comment 2: Freq:23.701GHz Emax:48.03dBμV/m RBW: 1 MHz



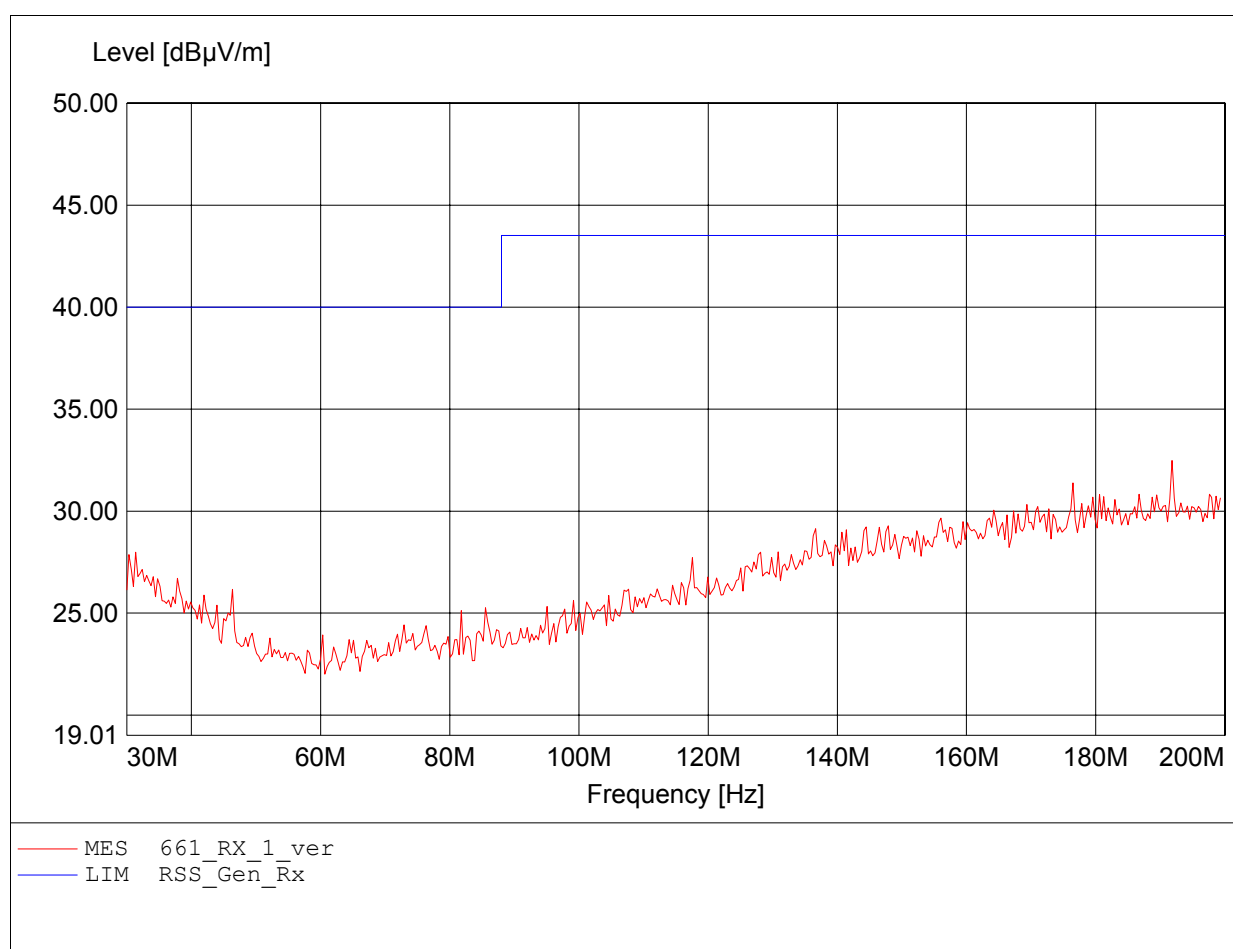
Field Strength under normal conditions
Standards Industry Canada, RSS-GEN

Approval Holder: Hughes Telematics, Inc. / GOM-1105-1155
EUT / Model: Telematics Unit / AT-100
GPRS 1900 / CH: 661 / RX_Idle / vertical
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Conditions 1: Tnom.: 24°C / Unom: 13.5 VDC (car power)
Test Conditions 2: Freq. / CH: 661
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq:199.319MHz Emax:31.75dBμV/m RBW: 100 kHz



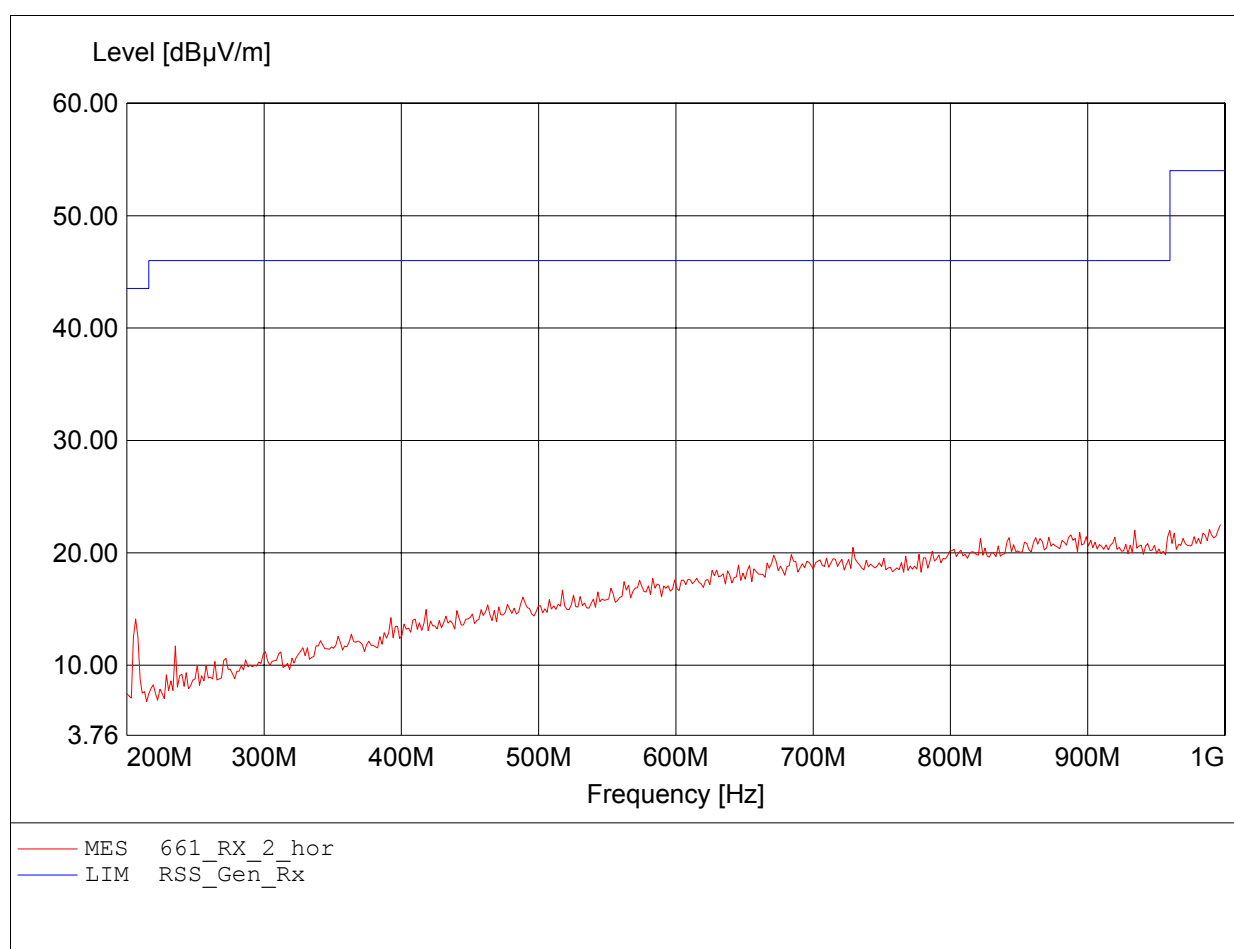
Field Strength under normal conditions
Standards Industry Canada, RSS-GEN

Approval Holder: Hughes Telematics, Inc. / GOM-1105-1155
EUT / Model: Telematics Unit / AT-100
GPRS 1900 / CH: 661 / RX_Idle / vertical
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Conditions 1: Tnom.: 24°C / Unom: 13.5 VDC (car power)
Test Conditions 2: Freq. / CH: 661
Comment 1: Dist.: 3m, Ant.: HK 116
Comment 2: Freq:191.824MHz Emax:32.48dBμV/m RBW: 100 kHz



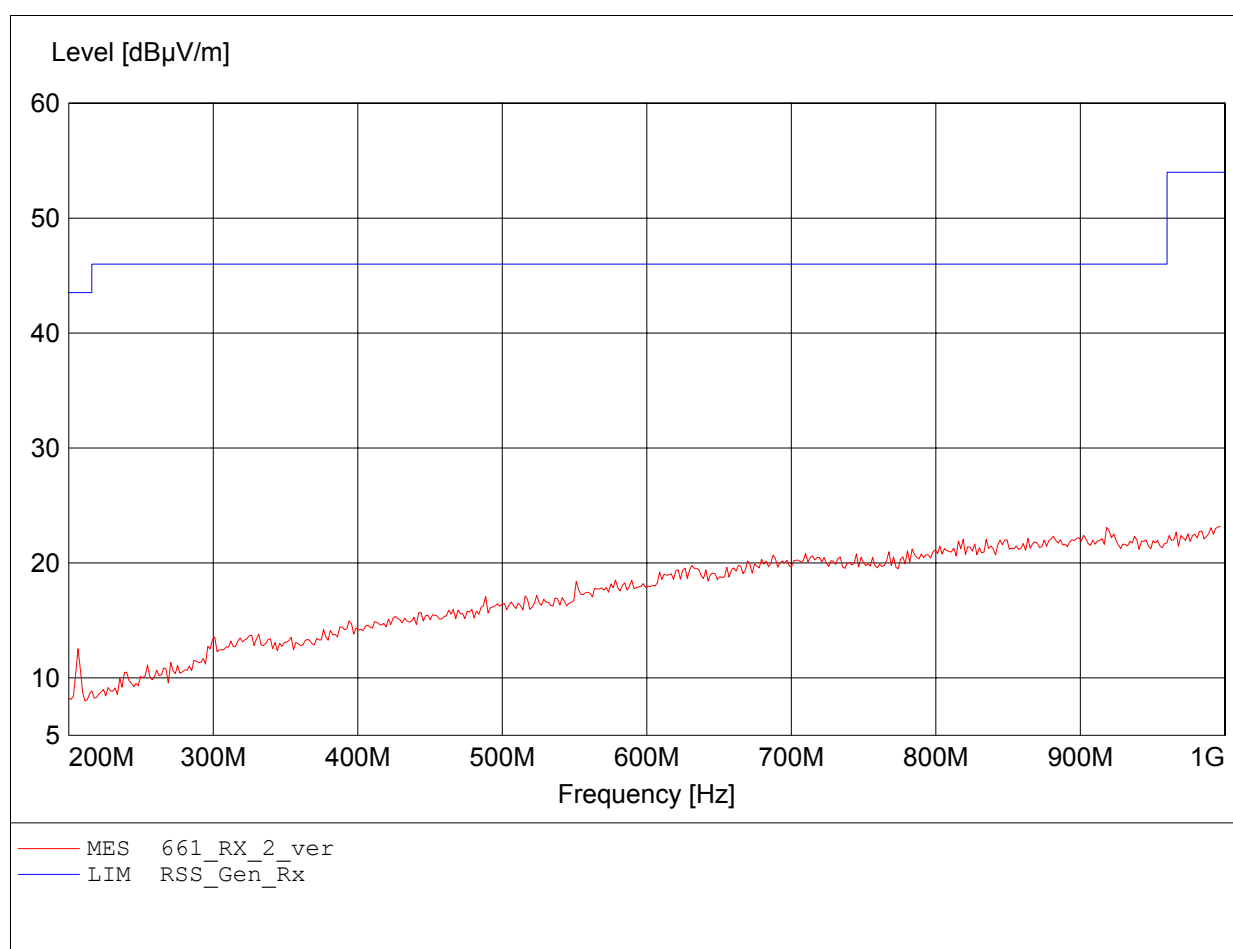
Field Strength under normal conditions
Standards Industry Canada, RSS-GEN

Approval Holder: Hughes Telematics, Inc. / GOM-1105-1155
EUT / Model: Telematics Unit / AT-100
GPRS 1900 / CH: 661 / RX_Idle / vertical
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Conditions 1: Tnom.: 24°C / Unom: 13.5 VDC (car power)
Test Conditions 2: Freq. / CH: 661
Comment 1: Dist.: 3m, Ant.: HL 223, ampl.
Comment 2: Freq:996.794MHz Emax:22.48dBµV/m RBW: 100 kHz



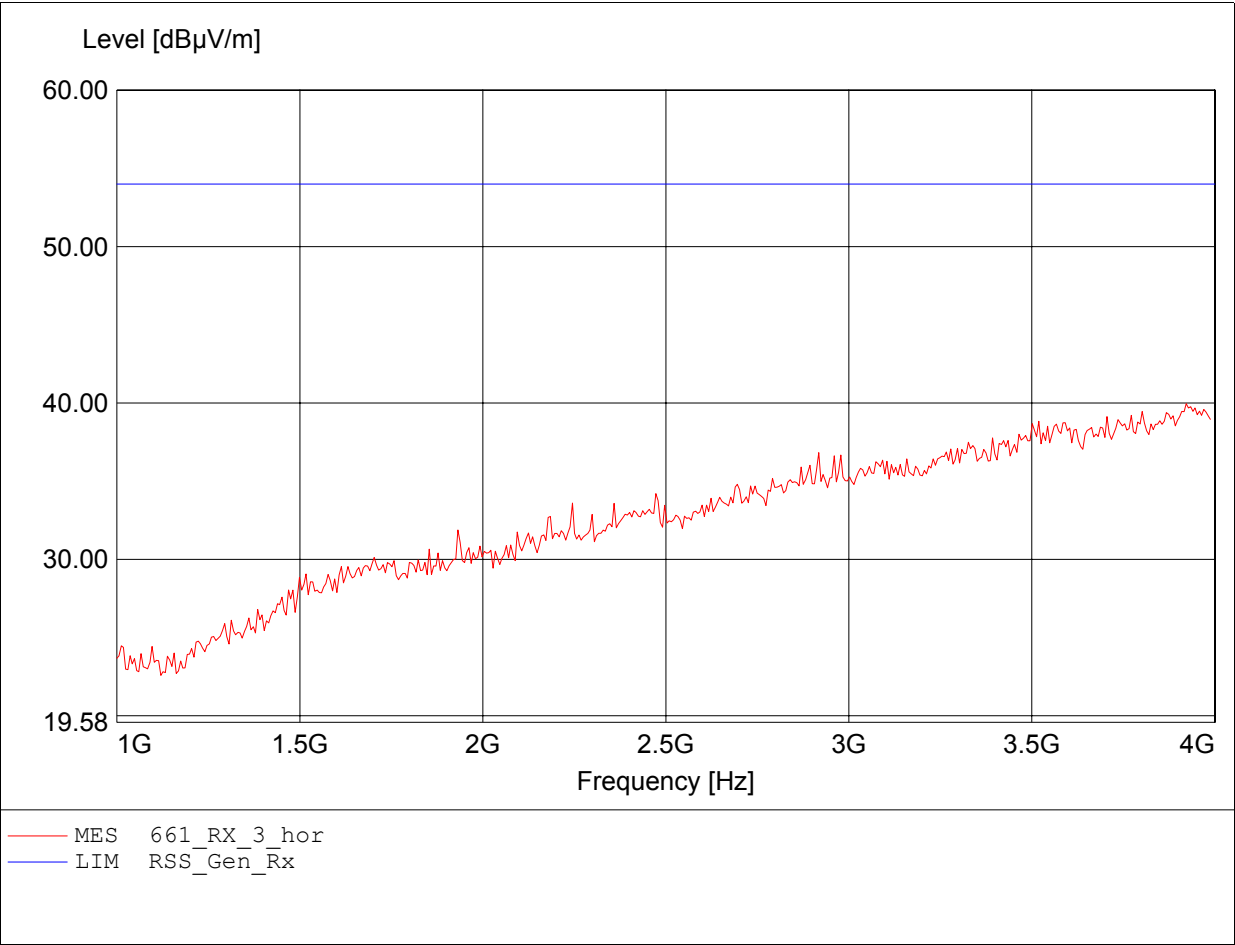
Field Strength under normal conditions
Standards Industry Canada, RSS-GEN

Approval Holder: Hughes Telematics, Inc. / GOM-1105-1155
EUT / Model: Telematics Unit / AT-100
GPRS 1900 / CH: 661 / RX_Idle / vertical
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Conditions 1: Tnom.: 24°C / Unom: 13.5 VDC (car power)
Test Conditions 2: Freq. / CH: 661
Comment 1: Dist.: 3m, Ant.: HL 223, ampl.
Comment 2: Freq:996.794MHz Emax:23.20dBμV/m RBW: 100 kHz



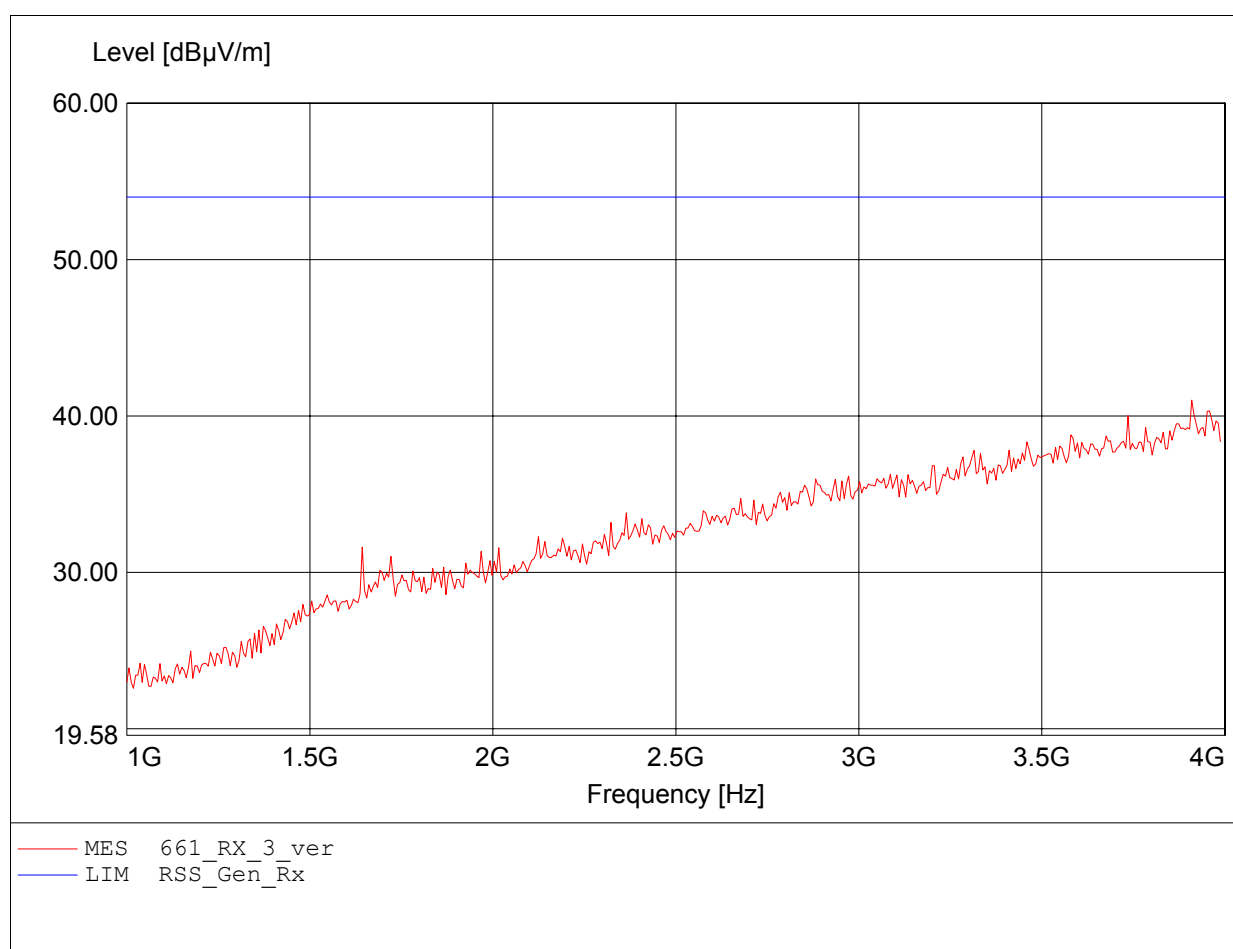
Field Strength under normal conditions
Standards Industry Canada, RSS-GEN

Approval Holder: Hughes Telematics, Inc. / GOM-1105-1155
EUT / Model: Telematics Unit / AT-100
GPRS 1900 / CH: 661 / RX_Idle / vertical
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Conditions 1: Tnom.: 24°C / Unom: 13.5 VDC (car power)
Test Conditions 2: Freq. / CH: 661
Comment 1: Dist.: 3m, Ant.: HL025, ampl.
Comment 2: Freq:3.922GHz Emax:39.96dBμV/m RBW: 1 MHz



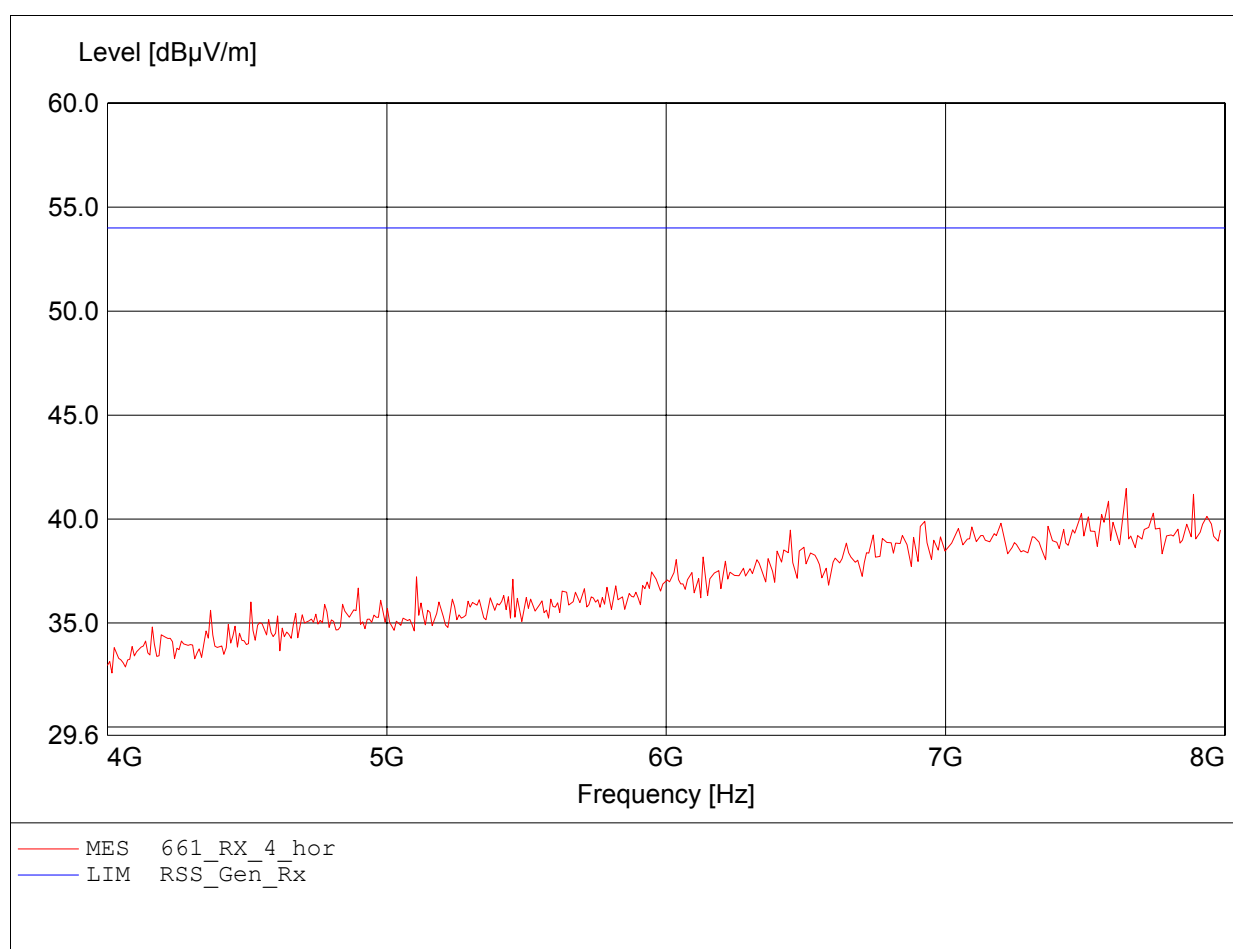
Field Strength under normal conditions
Standards Industry Canada, RSS-GEN

Approval Holder: Hughes Telematics, Inc. / GOM-1105-1155
EUT / Model: Telematics Unit / AT-100
GPRS 1900 / CH: 661 / RX_Idle / vertical
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Conditions 1: Tnom.: 24°C / Unom: 13.5 VDC (car power)
Test Conditions 2: Freq. / CH: 661
Comment 1: Dist.: 3m, Ant.: HL025, ampl.
Comment 2: Freq:3.910GHz Emax:41.01dBμV/m RBW: 1 MHz



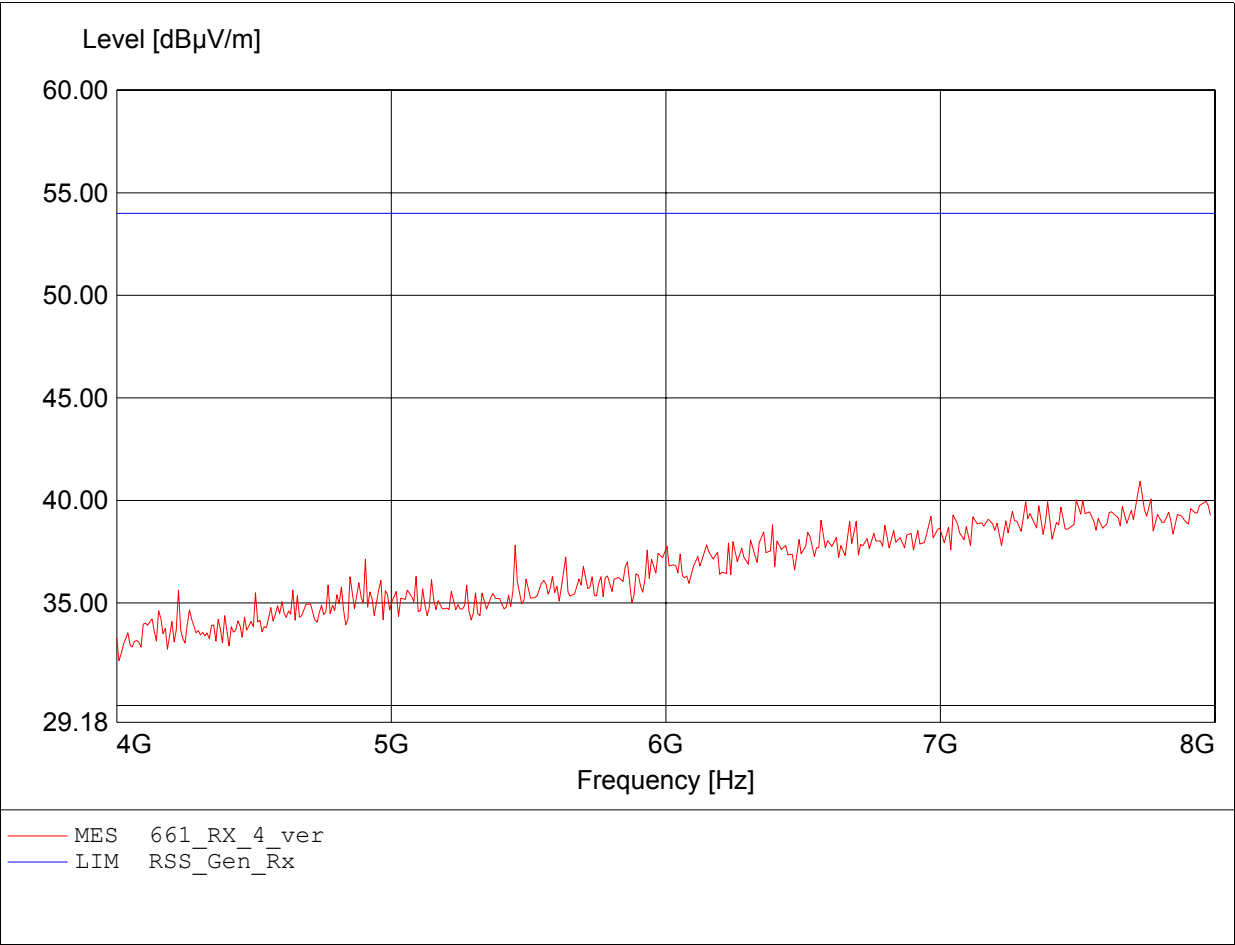
Field Strength under normal conditions
Standards Industry Canada, RSS-GEN

Approval Holder: Hughes Telematics, Inc. / GOM-1105-1155
EUT / Model: Telematics Unit / AT-100
GPRS 1900 / CH: 661 / RX_Idle / vertical
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Conditions 1: Tnom.: 24°C / Unom: 13.5 VDC (car power)
Test Conditions 2: Freq. / CH: 661
Comment 1: Dist.: 3m, Ant.: HL025, ampl.
Comment 2: Freq:7.647GHz Emax:41.47dBμV/m RBW: 1 MHz



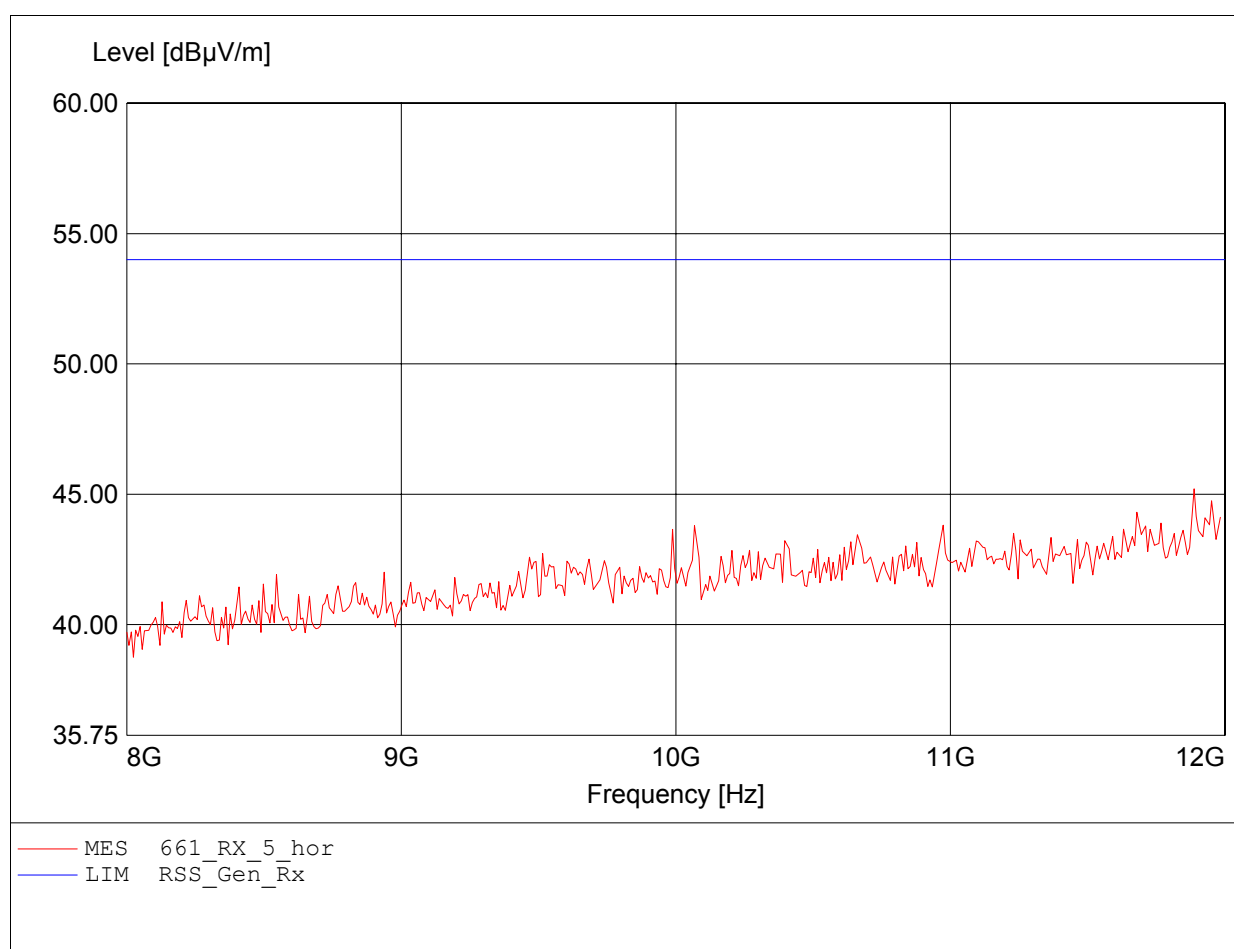
Field Strength under normal conditions
Standards Industry Canada, RSS-GEN

Approval Holder: Hughes Telematics, Inc. / GOM-1105-1155
EUT / Model: Telematics Unit / AT-100
GPRS 1900 / CH: 661 / RX_Idle / vertical
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Conditions 1: Tnom.: 24°C / Unom: 13.5 VDC (car power)
Test Conditions 2: Freq. / CH: 661
Comment 1: Dist.: 3m, Ant.: HL025, ampl.
Comment 2: Freq:7.727GHz Emax:40.94dBμV/m RBW: 1 MHz



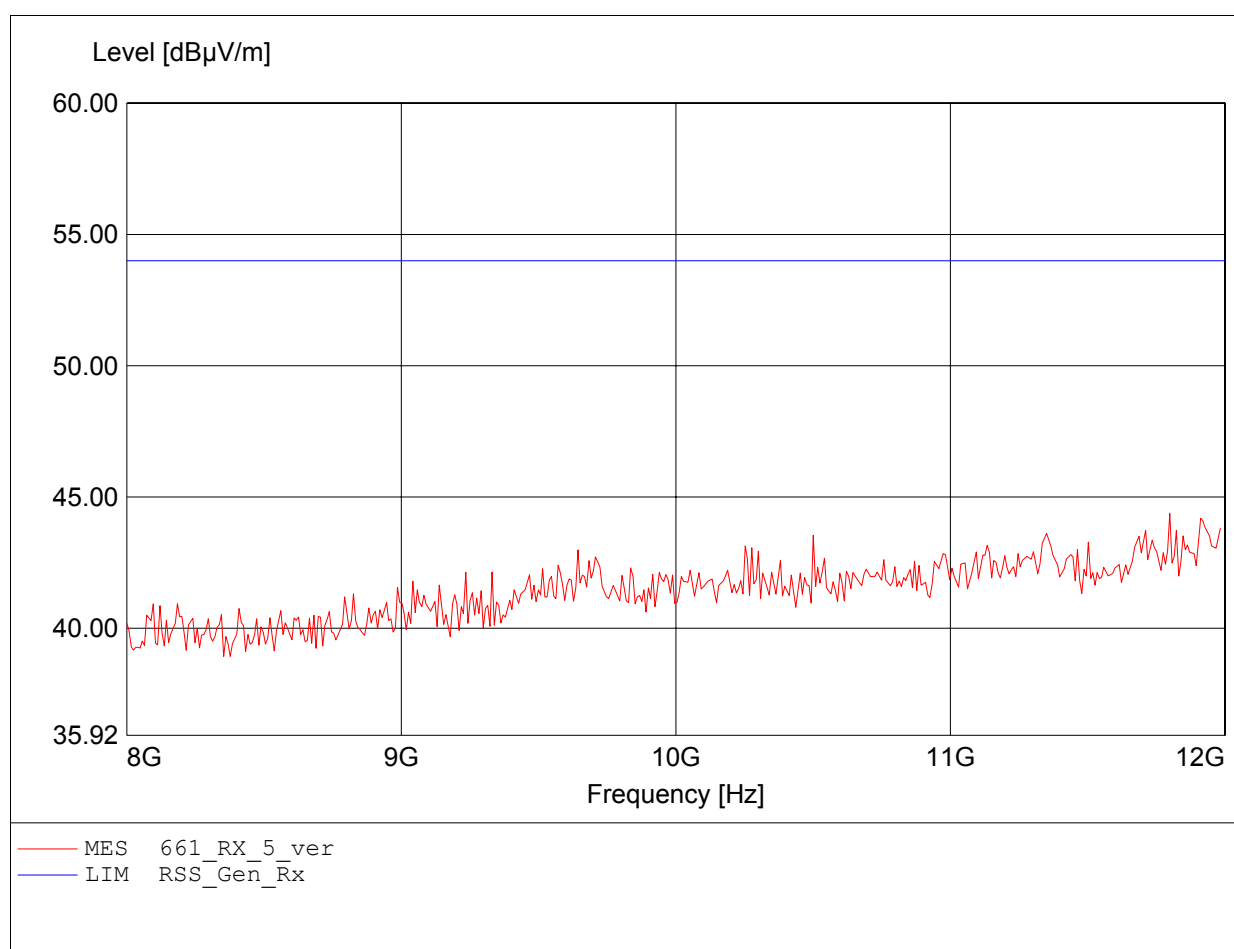
Field Strength under normal conditions
Standards Industry Canada, RSS-GEN

Approval Holder: Hughes Telematics, Inc. / GOM-1105-1155
EUT / Model: Telematics Unit / AT-100
GPRS 1900 / CH: 661 / RX_Idle / vertical
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Conditions 1: Tnom.: 24°C / Unom: 13.5 VDC (car power)
Test Conditions 2: Freq. / CH: 661
Comment 1: Dist.: 3m, Ant.: HL025, ampl.
Comment 2: Freq:11.888GHz Emax:45.21dBμV/m RBW: 1 MHz



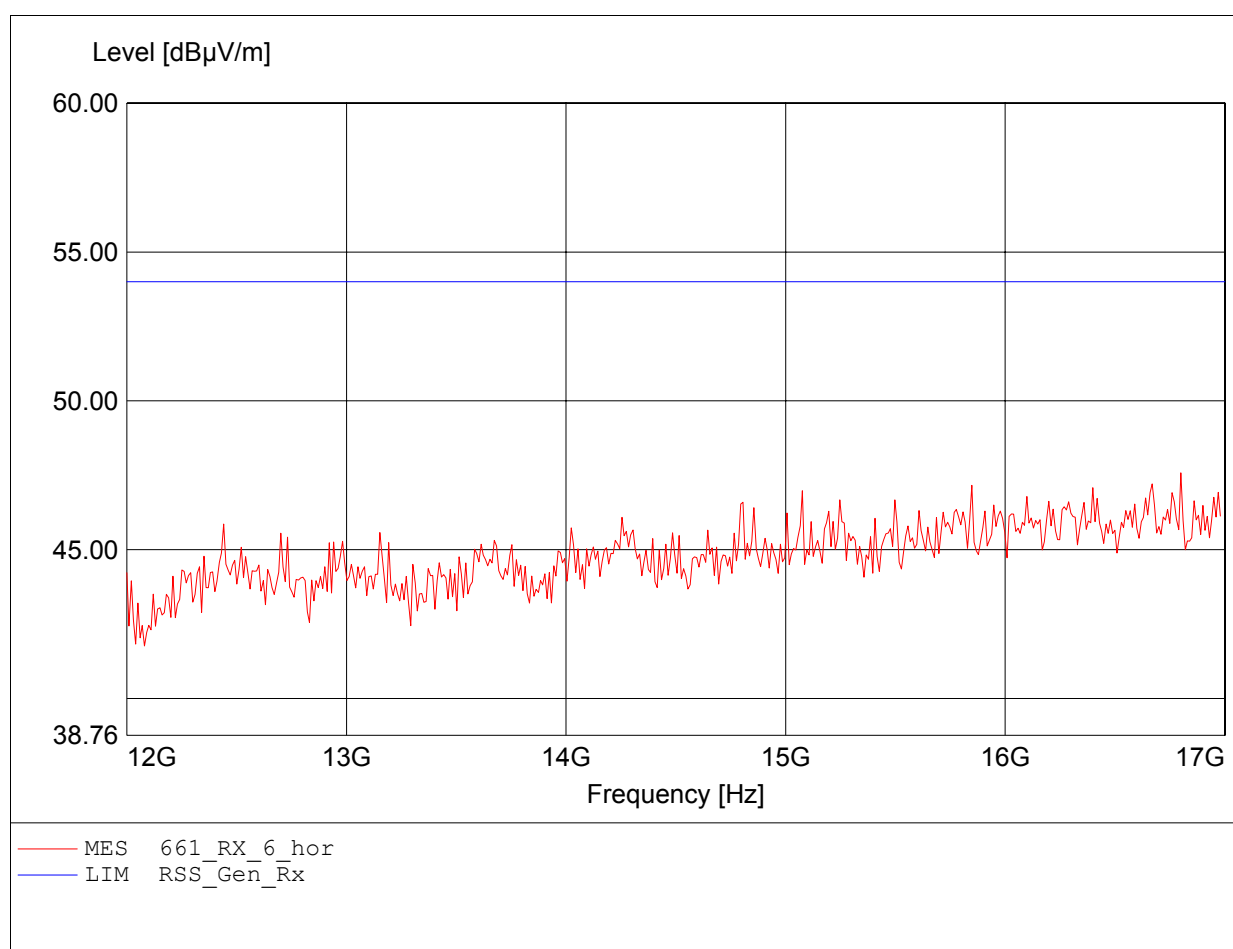
Field Strength under normal conditions
Standards Industry Canada, RSS-GEN

Approval Holder: Hughes Telematics, Inc. / GOM-1105-1155
EUT / Model: Telematics Unit / AT-100
GPRS 1900 / CH: 661 / RX_Idle / vertical
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Conditions 1: Tnom.: 24°C / Unom: 13.5 VDC (car power)
Test Conditions 2: Freq. / CH: 661
Comment 1: Dist.: 3m, Ant.: HL025, ampl.
Comment 2: Freq:11.800GHz Emax:44.37dBμV/m RBW: 1 MHz



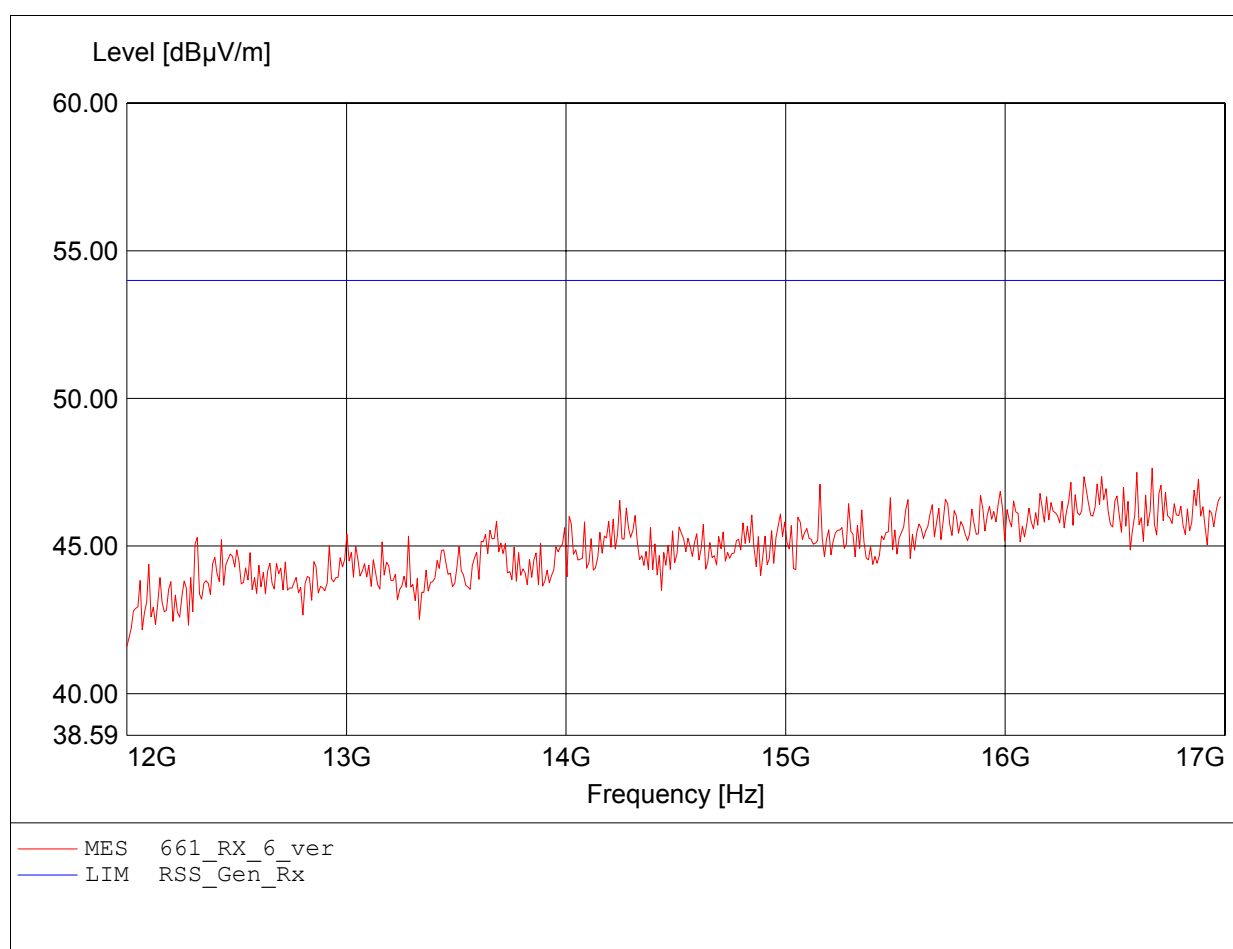
Field Strength under normal conditions
Standards Industry Canada, RSS-GEN

Approval Holder: Hughes Telematics, Inc. / GOM-1105-1155
EUT / Model: Telematics Unit / AT-100
GPRS 1900 / CH: 661 / RX_Idle / vertical
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Conditions 1: Tnom.: 24°C / Unom: 13.5 VDC (car power)
Test Conditions 2: Freq. / CH: 661
Comment 1: Dist.: 3m, Ant.: HL025, ampl.
Comment 2: Freq:16.800GHz Emax:47.58dBμV/m RBW: 1 MHz



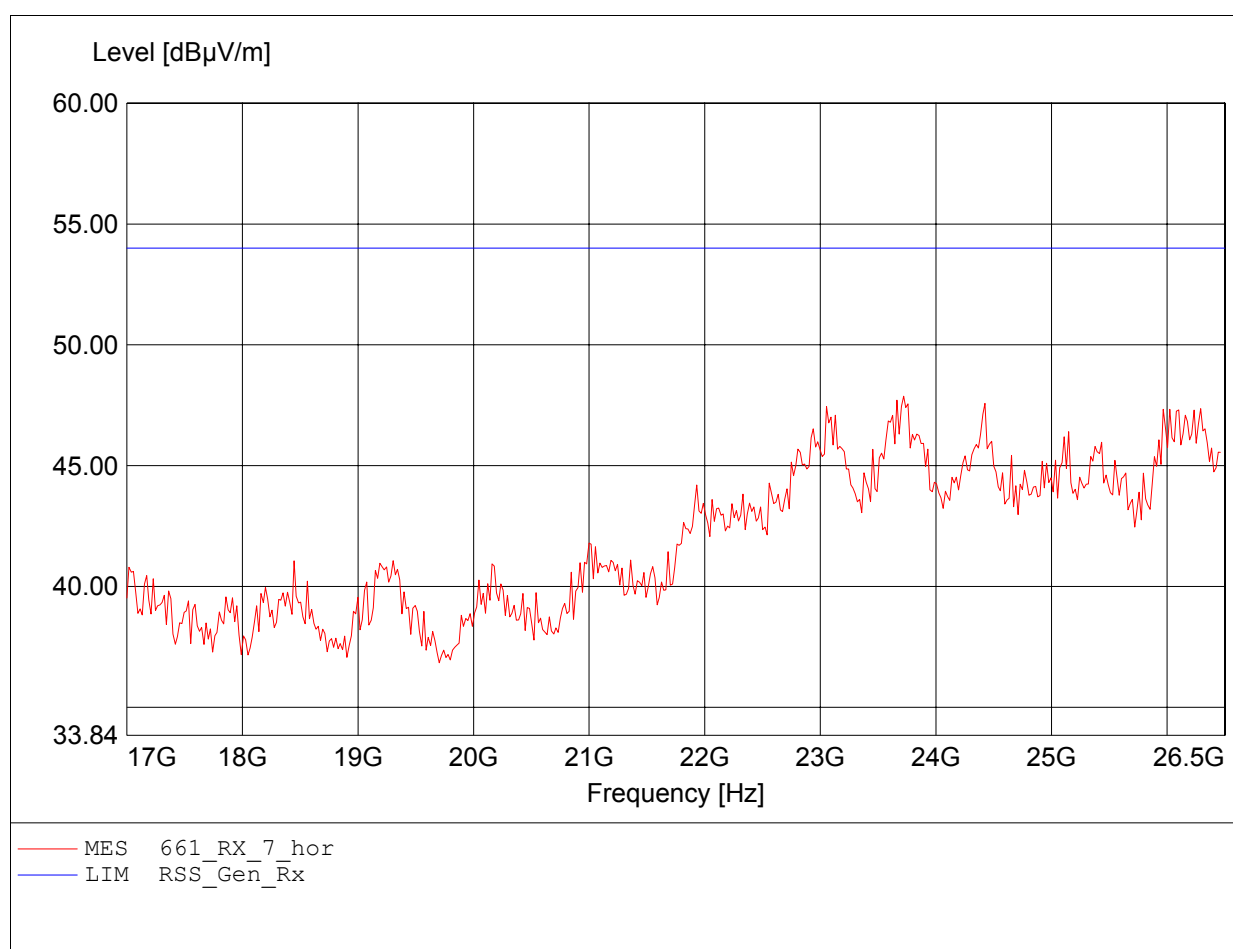
Field Strength under normal conditions
Standards Industry Canada, RSS-GEN

Approval Holder: Hughes Telematics, Inc. / GOM-1105-1155
EUT / Model: Telematics Unit / AT-100
GPRS 1900 / CH: 661 / RX_Idle / vertical
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Conditions 1: Tnom.: 24°C / Unom: 13.5 VDC (car power)
Test Conditions 2: Freq. / CH: 661
Comment 1: Dist.: 3m, Ant.: HL025, ampl.
Comment 2: Freq:16.669GHz Emax:47.64dBμV/m RBW: 1 MHz



Field Strength under normal conditions
Standards Industry Canada, RSS-GEN

Approval Holder: Hughes Telematics, Inc. / GOM-1105-1155
EUT / Model: Telematics Unit / AT-100
GPRS 1900 / CH: 661 / RX_Idle / vertical
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Conditions 1: Tnom.: 24°C / Unom: 13.5 VDC (car power)
Test Conditions 2: Freq. / CH: 661
Comment 1: Dist.: 3m, Ant.: HL025, ampl.
Comment 2: Freq:23.720GHz Emax:47.88dBμV/m RBW: 1 MHz



Field Strength under normal conditions
Standards Industry Canada, RSS-GEN

Approval Holder: Hughes Telematics, Inc. / GOM-1105-1155
EUT / Model: Telematics Unit / AT-100
GPRS 1900 / CH: 661 / RX_Idle / vertical
Test Site / Operator: Eurofins Product Service GmbH / Mr. Pudell
Test Conditions 1: Tnom.: 24°C / Unom: 13.5 VDC (car power)
Test Conditions 2: Freq. / CH: 661
Comment 1: Dist.: 3m, Ant.: HL025, ampl.
Comment 2: Freq:23.111GHz Emax:48.10dBμV/m RBW: 1 MHz

