Equipment

: Pro-tracker The Ultimate Tracking Device

Brand Name

: Pro-tracker

Model No.

: Tracker 1

FCC ID

: 2ADB5-TRACKER1

Standard

: 47 CFR FCC Part 15.249

Operating Band

: 902 MHz - 928 MHz

FCC Classification: DXX

Applicant

: Pro-Tracker LLC

6010 South 400 West, Rexburg ID 83440 U.S.A

Manufacturer

: Meritronics, Inc.

500 Yosemite drive suite 108, milpitas ca95035 U.S.A

The product sample received on May 06, 2014 and completely tested on Aug. 14, 2014. We, SPORTON, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2009 and shown compliance with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval of SPORTON INTERNATIONAL INC., the test report shall not be reproduced except in full.

Reviewed by:

1190

Report No.: FR440102

Vic Hsiao / Supervisor

SPORTON INTERNATIONAL INC.

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: Rev. 01



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APPENDIX A. TEST PHOTOS

APPENDIX B. PHOTOGRAPHS OF EUT

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Summary of Test Result

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	Conformance Test Specifications						
Report Clause	Ref. Std. Clause	Description	Measured	Limit	Result		
1.1.2	15.203	Antenna Requirement	Antenna connector mechanism complied	FCC 15.203	Complied		
3.1	15.207	AC Power-line Conducted Emissions	-	FCC 15.207	NA		
3.2	15.215(c)	Emission Bandwidth	0.2779 MHz; fall in band	Information only	Complied		
3.3	15.249(a)	Fundamental Emissions	[dBuV/m at 3m]: 915MHz 67.93 (Margin 26.07dB) Peak	[dBuV/m at 3m]: Peak: 94	Complied		
3.4	15.249(a)/(d)		[dBuV/m at 3m]:32.91MHz 28.92 (Margin 11.08dB) - PK	Harmonics: 54 dBuV/m@3m Other band: 50 dB or FCC 15.209, whichever is the lesser attenuation.	Complied		

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Revision History

Report No.: FR440102

Report No.	Version	Description	Issued Date
FR440102	Rev. 01	Initial issue of report	Oct. 03, 2014

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1 General Description

1.1 Information

1.1.1 RF General Information

RF General Information						
Frequency Range (MHz)	Modulation	Ch. Frequency (MHz)	Bandwith (KHz)	Channel Number	Fundamental Field Strength (dBuV/m)	
902-928	FSK	905-927.25	250	89	67.93	
Note 1: Field strength performed Peak level at 3m.						

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1.1.2 Antenna Information

	Antenna Category					
\boxtimes	Integral antenna (antenna permanently attached)					
	External antenna (dedica	ated antennas) ; Unique antenna connector				
1.1.	1.1.3 Type of EUT					
		Identify EUT				
EU	EUT Serial Number N/A					
Pre	Presentation of Equipment ☐ Production; ☐ Pre-Production; ☐ Prototype					
		Type of EUT				
\boxtimes	Stand-alone					
	Combined (EUT where the radio part is fully integrated within another device)					
	Combined Equipment - Brand Name / Model No.:					
	Plug-in radio (EUT intended for a variety of host systems)					
	Host System - Brand Name / Model No.:					
	Other:					

1.1.4 Test Signal Duty Cycle

Operated Mode for Worst Duty Cycle					
☐ Operated normally	Operated normally mode for worst duty cycle				
○ Operated test model ○ Operate	Operated test mode for worst duty cycle				
Test Sign	al Duty Cycle (x)	Duty Cycle Correction Factor [dB] – (10 log x)			
⊠ 100%	0				
If worst duty < 100%, average emission = peak emission + 10 log x					

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1.1.5 EUT Operational Condition

Supply Voltage	☐ AC mains	□ DC	
Type of DC Source	☐ Internal DC supply	☐ External DC adapter	□ Battery

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1.2 Accessories

			Accessorie	es	
	Brand Name	KONNOC	Model Name	JS70300PP	
	Battery	Туре	80mAh		

1.3 Testing Applied Standards

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:

- 47 CFR FCC Part 15
- ANSI C63.10-2009

1.4 Testing Location Information

	Testing Location							
	HWA YA	ADD		lo. 52, Hwa Ya 1 st Rd., Hwa Ya Technology Park, Kwei-Shan Hsiang, ao Yuan Hsien, Taiwan, R.O.C.				
		TEL	: 8	86-3-327-3456 FAX : 886-3-327-0973				
	Test Condition			Test Site No.	Test Engineer	Test Environment		
RF Conducted			TH06-HY	Cain	28.8°C / 65%			
Radiated Emission			03CH02-HY	Daniel	24.5°C / 64%			

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1.5 Measurement Uncertainty

ISO/IEC 17025 requires that an estimate of the measurement uncertainties associated with the emissions test results be included in the report. The measurement uncertainties given below are based on a 95% confidence level (based on a coverage factor (k=2)

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Measurement Uncertainty					
Test Item		Uncertainty			
AC power-line conducted emissions		±2.2 dB			
Emission bandwidth, 20dB bandwidth		±1.4 %			
RF output power, conducted		±0.6 dB			
All emissions, radiated	9 – 150 kHz	±2.4 dB			
	0.15 – 30 MHz	±2.2 dB			
	30 – 1000 MHz	±2.5 dB			
	1 – 18 GHz	±3.5 dB			
	18 – 40 GHz	±3.8 dB			
	40 – 200 GHz	N/A			
Temperature		±0.8 °C			
Humidity		±3 %			
DC and low frequency voltages		±3 %			
Time		±1.4 %			
Duty Cycle		±1.4 %			

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2 Test Configuration of EUT

2.1 The Worst Case Modulation Configuration

Modulation Used for Conformance Testing			
Test Mode	Field Strength (dBuV/m at 3 m)		
FSK	67.93		

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2.2 Test Channel Frequencies Configuration

Test Channel Frequencies Configuration		
Test Mode	Test Channel Frequencies (MHz)	
FSK	905.00-(F1), 915.00-(F2), 927.25-(F3)	

2.3 The Worst Case Measurement Configuration

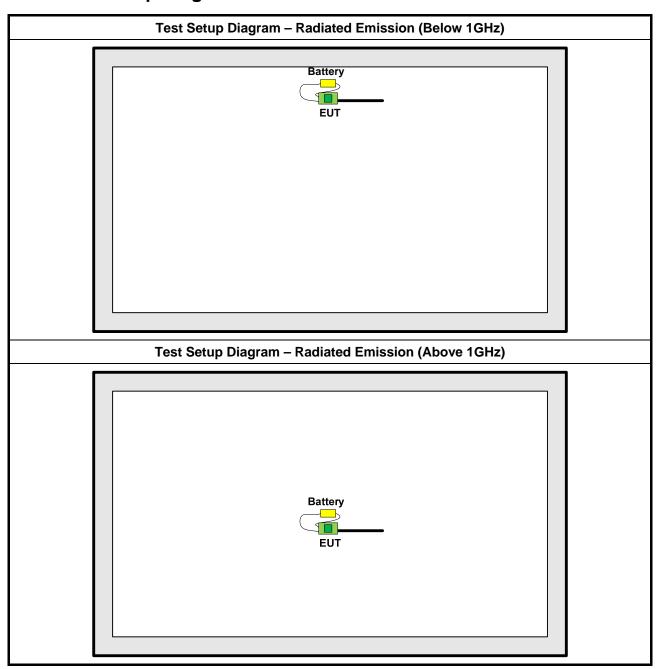
The Worst Case Mode for Following Conformance Tests						
Tests Item AC power-line conducted emissions						
Condition AC power-line conducted measurement for line and neutral (120Vac / 60Hz)						
Operating Mode						
1 Battery mode and Radio Transmit						
Note: The Battery mode is not applicable for ac power-line conducted emissions.						

The Worst Case Mode for Following Conformance Tests						
Tests Item	Emission Bandwidth, Fund	lamental Emissions, Radiat	ed Unwanted Emissions			
Test Condition	Radiated measurement					
	☐ EUT will be placed in	fixed position.				
User Position		mobile position and operati ree orthogonal planes. The				
	EUT will be a hand-held or body-worn battery-powered devices and operating multiple positions. EUT shall be performed two or three orthogonal planes. The worst planes is X.					
Operating Mode						
Test Mode	FSK					
	X Plane	Y Plane	Z Plane			
Orthogonal Planes of EUT						

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2.4 Test Setup Diagram



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3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

AC Power-line Conducted Emissions Limit						
Frequency Emission (MHz)	Quasi-Peak	Average				
0.15-0.5	66 - 56 *	56 - 46 *				
0.5-5	56	46				
5-30	60	50				

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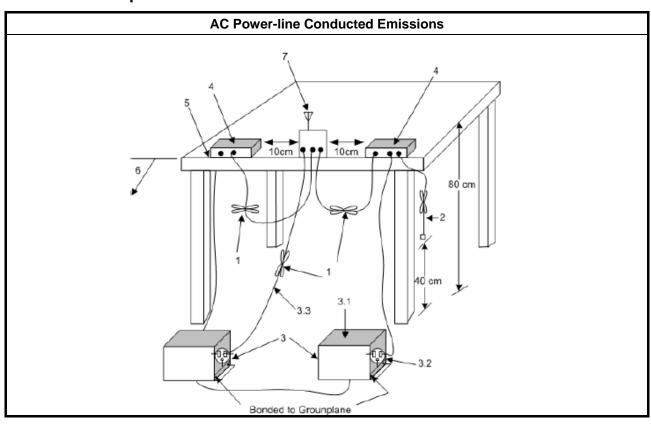
3.1.2 Measuring Instruments

Refer a test equipment and calibration data table in this test report.

3.1.3 Test Procedures

	Test Method
\boxtimes	Refer as ANSI C63.10-2009, clause 6.2 for AC power-line conducted emissions.

3.1.4 Test Setup



3.1.5 Test Result of AC Power-line Conducted Emissions

The test is not applicable for this EUT.

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3.2 Emission Bandwidth

3.2.1 Emission Bandwidth Limit

Emission Bandwidth Limit

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Emission bandwidth falls completely within authorized band.

3.2.2 Measuring Instruments

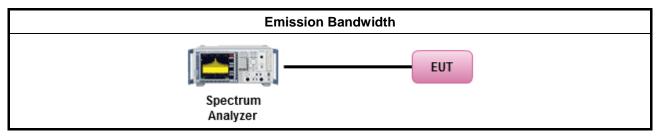
Refer a test equipment and calibration data table in this test report.

3.2.3 Test Procedures

Test Method

Refer as ANSI C63.10, clause 6.9.1 for 20 dB emission bandwidth and 99% occupied bandwidth measurement.

3.2.4 Test Setup

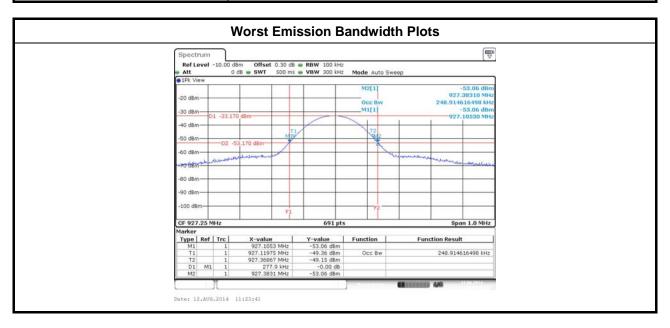


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3.2.5 Test Result of Emission Bandwidth

Emission Bandwidth Result							
Modulation Mode Frequence (MHz)		- I - I		F _H at 20dB BW (MHz)	20dB BW (MHz)		
FSK 905.00		0.2431	904.8553	-	0.2764		
FSK	FSK 915.00 FSK 927.25		-	-	0.2764		
FSK			-	927.3831	0.2779		
Limit		N/A	902	928	N/A		
Resul	t		Com	plied			

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3.3 Fundamental Emissions

3.3.1 Fundamental Emissions Limit

	Fundamental Emissions E-Field Strength Limit (3m)						
\boxtimes	902-928 MHz Band: 94 dBuV/m (quasi peak)						
	2400-2483.5 MHz Band: 94 dBuV/m (average)						
	5725-5785 MHz Band: 94 dBuV/m (average)						

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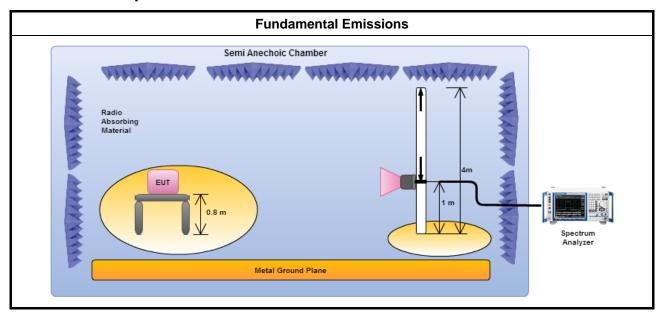
3.3.2 Measuring Instruments

Refer a test equipment and calibration data table in this test report.

3.3.3 Test Procedures

\boxtimes	The average emission levels shall be measured in [duty cycle ≥ 100 or by duty cycle correction factor].							
\boxtimes	For the transmitter emissions shall be measured using following options below:							
		Refer as ANSI C63.10, clause 4.2.3.2.3 (Reduced VBW) – Duty cycle ≥ 100%.						
		Refer as ANSI C63.10, clause 4.2.3.2.4 average value of pulsed emissions. Adjusted by a "duty cycle correction factor", derived from 20log (dwell time/100 ms). Average emission = peak emission + 20 log (duty cycle).						
	\boxtimes	Refer as ANSI C63.10, clause 4.2.3.2.2 measurement procedure peak limit.						
\boxtimes	Refe	er as ANSI C63.10, clause 6.5 for radiated emissions and test distance is 3m.						

3.3.4 Test Setup



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3.3.5 Test Result of Fundamental Emissions

Field Strength of Fundamental Emissions Result								
Modulation Mode	Frequency (MHz)	Fundamental (dBuV/m)@3m Margin (dB) (dl		Limit (dBuV/m)@3m	Туре			
FSK	905.00	64.45	29.55	94	peak			
FSK	915.00	67.93	26.07	94	peak			
FSK	927.25	52.46	41.54	94	peak			
Resul	t		Complied					

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Note 1: Measurement worst emissions of receive antenna polarization: Horizontal.

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3.4 Transmitter Radiated Unwanted Emissions

3.4.1 Transmitter Radiated Unwanted Emissions Limit

	Transmitter Radiated Unwanted Emissions Limit						
Harı	Harmonics:						
\boxtimes	54 dBuV/m (average)						
Oth	Other Unwanted Emissions:						
\boxtimes	50 dB below the level of the fundamental or FCC 15.209, whichever is the lesser attenuation.						

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3.4.2 Measuring Instruments

Refer a test equipment and calibration data table in this test report.

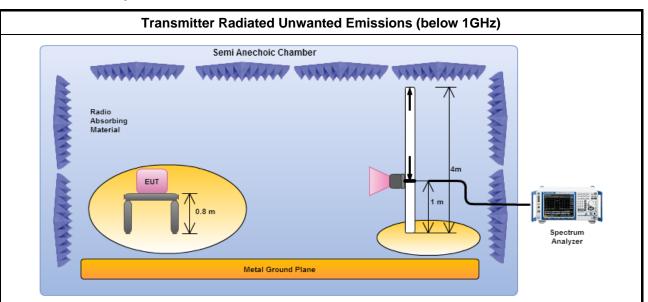
3.4.3 Test Procedures

	Test Method – General Information							
\boxtimes	Measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).							
\boxtimes	The average emission levels shall be measured in [duty cycle ≥ 98 or duty factor].							
	Refer as ANSI C63.10, clause 6.9.2.2 bandedge testing shall be performed at the lowest frequency channel and highest frequency channel within the allowed operating band.							
	For the transmitter unwanted emissions shall be measured using following options below:							
	☐ Refer as ANSI C63.10, clause 4.2.3.2.3 (Reduced VBW) – Duty cycle ≥ 100%.							
	Refer as ANSI C63.10, clause 4.2.3.2.4 average value of pulsed emissions. Adjusted by a "duty cycle correction factor", derived from 20log (dwell time/100 ms). Average emission = peak emission + 20 log (duty cycle).							
	Refer as ANSI C63.10, clause 4.2.3.2.2 measurement procedure peak limit.							
\boxtimes	For the transmitter bandedge emissions shall be measured using following options below:							
	Refer as ANSI C63.10, clause 6.9.2 for band-edge testing.							
	Refer as ANSI C63.10, clause 6.9.3 for marker-delta method for band-edge measurements.							
\boxtimes	For radiated measurement.							
	Refer as ANSI C63.10, clause 6.4 for radiated emissions below 30 MHz and test distance is 3m.							
	Refer as ANSI C63.10, clause 6.5 for radiated emissions 30 MHz to 1 GHz and test distance is 3m.							
	Refer as ANSI C63.10, clause 6.6 for radiated emissions above 1 GHz and test distance is 3m.							
\boxtimes	The any unwanted emissions level shall not exceed the fundamental emission level.							
	All amplitude of spurious emissions that are attenuated by more than 20 dB below the permissible value has no need to be reported.							

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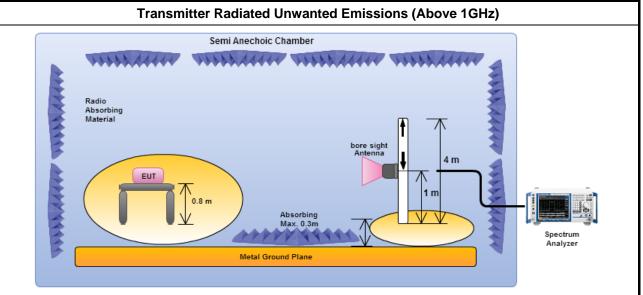


3.4.4 Test Setup



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Magnetic field tests shall be performed in the frequency range of 9 kHz to 30 MHz using a calibrated loop antenna. Electric field tests shall be performed in the frequency range of 30 MHz to 1000 MHz using a calibrated bi-log antenna.



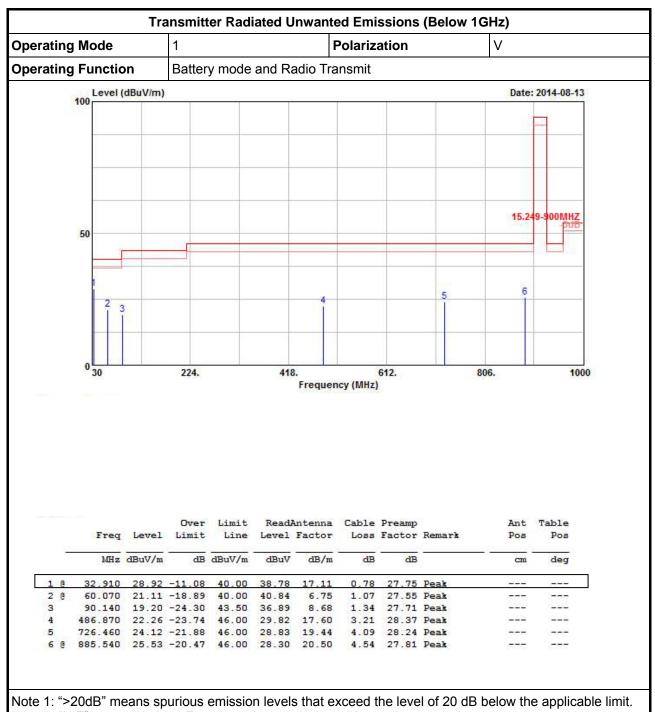
Electric field tests shall be performed in the frequency range of 1 GHz to 10th harmonic of highest fundamental frequency or 40 GHz using a calibrated horn antenna.

3.4.5 Transmitter Radiated Unwanted Emissions (Below 30MHz)

All amplitude of spurious emissions that are attenuated by more than 20 dB below the permissible value has no need to be reported.

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.4.6 Transmitter Radiated Unwanted Emissions (Below 1GHz)



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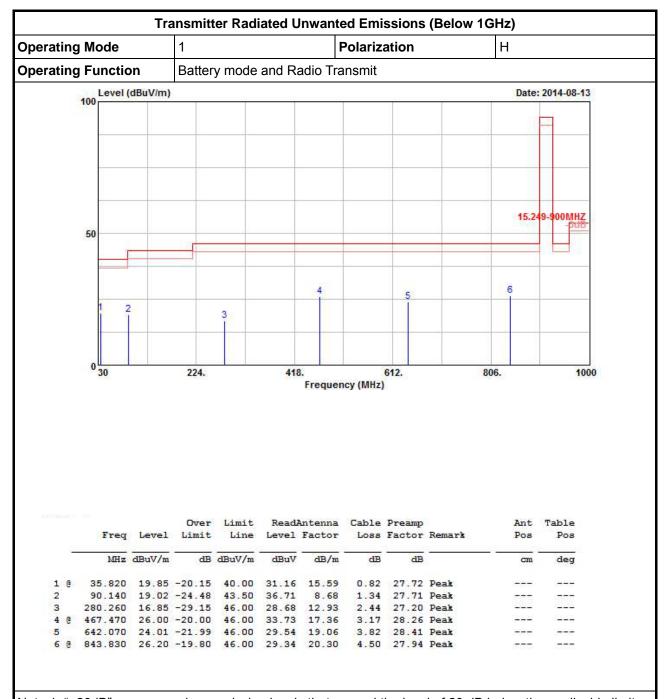
Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)

Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical).

Note 4: No level of unwanted emissions exceeds the level of the fundamental emission.

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Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

Note 2: "N/F" means Nothing Found spurious emissions (No spurious emissions were detected.)

Note 3: Measurement receive antenna polarization: H (Horizontal), V (Vertical).

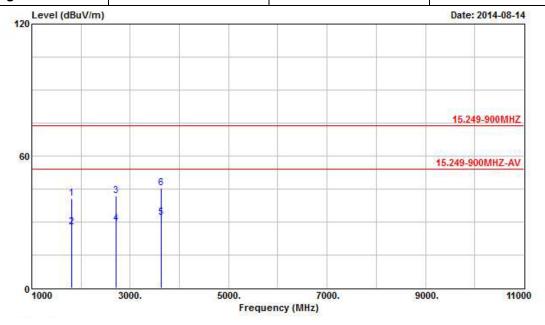
Note 4: No level of unwanted emissions exceeds the level of the fundamental emission.

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3.4.7 Transmitter Radiated Unwanted Emissions (Above 1GHz)

Transmitter Radiated Unwanted Emissions (Above 1GHz) Modulation Mode FSK Test Freq. (FX) F1 Operating Function Transmit Polarization V

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			Over	Limit	Read	Antenna	Cable	Preamp		Ant	Table
	Freq	Level	Limit	Line	Level	Factor	Loss	Factor	Remark	Pos	Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	9	cm	deg
1	1810.000	40.61	-33.39	74.00	42.36	30.24	2.62	34.61	Peak	-	
2	1810.000	27.75	-26.25	54.00	29.50	30.24	2.62	34.61	Average	5.75	
3	2715.000	41.76	-32.24	74.00	40.52	32.67	3.37	34.80	Peak	2000	
4	2715.000	29.05	-24.95	54.00	27.81	32.67	3.37	34.80	Average	27.4	1000
5	3620.000	31.80	-22.20	54.00	29.73	33.15	3.73	34.81	Average		
6	3620.000	45.55	-28.45	74.00	43.48	33.15	3.73	34.81	Peak	535	1777

Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

Note 2: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

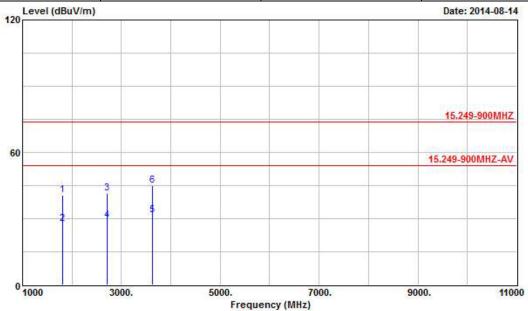
Note 3: For the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.

Note 4: If duty cycle < 100%, average emission = peak emission + 20 log (duty cycle).

Note 5: No level of unwanted emissions exceeds the level of the fundamental emission.

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Transmitter Radiated Unwanted Emissions (Above 1GHz)								
Modulation Mode	Modulation Mode FSK Test Freq. (FX) F1							
Operating Function Transmit Polarization H								
Level (dRivVm)								



			Over	Limit	Read	Antenna	Cable	Preamp		Ant	Table
	Freq	Level	Limit	Line	Level	Factor	Loss	Factor	Remark	Pos	Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1	1810.000	40.56	-33.44	74.00	42.31	30.24	2.62	34.61	Peak		
2	1810.000	27.60	-26.40	54.00	29.35	30.24	2.62	34.61	Average	27.77	1000
3	2715.000	41.60	-32.40	74.00	40.36	32.67	3.37	34.80	Peak	2.5.2	
4	2715.000	29.25	-24.75	54.00	28.01	32.67	3.37	34.80	Average		10.000
5	3620.000	31.48	-22.52	54.00	29.41	33.15	3.73	34.81	Average	1000	
6	3620.000	44.82	-29.18	74.00	42.75	33.15	3.73	34.81	Peak	-	

Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

Note 2: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

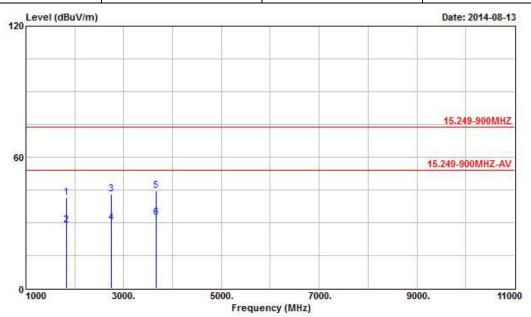
Note 3: For the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.

Note 4: If duty cycle < 100%, average emission = peak emission + 20 log (duty cycle).

Note 5: No level of unwanted emissions exceeds the level of the fundamental emission.

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Tra	nsmitter Radiated Unwan	ted Emissions (Above 1G	Hz)	
Modulation Mode	FSK	Test Freq. (FX)	F2	
Operating Function	Transmit	Polarization	V	



			Over	Limit	Read	Antenna	Cable	Preamp		Ant	Table
	Freq	Level	Limit	Line	Level	Factor	Loss	Factor	Remark	Pos	Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	9	cm	deg
1	1830.000	41.27	-32.73	74.00	42.88	30.37	2.62	34.60	Peak		
2	1830.000	28.92	-25.08	54.00	30.53	30.37	2.62	34.60	Average	55.77	-
3	2745.000	42.98	-31.02	74.00	41.70	32.70	3.39	34.81	Peak		<u> </u>
4	2745.000	30.04	-23.96	54.00	28.76	32.70	3.39	34.81	Average	222	1222
5	3660.000	44.77	-29.23	74.00	42.68	33.16	3.73	34.80	Peak		
6	3660.000	32.19	-21.81	54.00	30.10	33.16	3.73	34.80	Average	157.75	

Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

Note 2: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

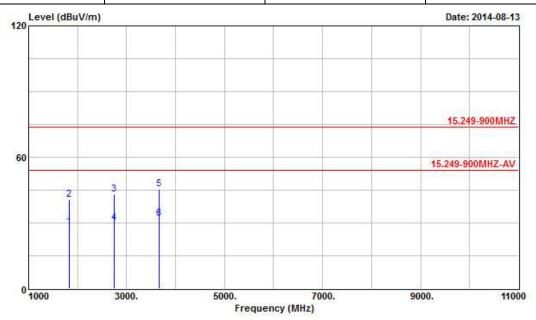
Note 3: For the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.

Note 4: If duty cycle < 100%, average emission = peak emission + 20 log (duty cycle).

Note 5: No level of unwanted emissions exceeds the level of the fundamental emission.

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Tra	ansmitter Radiated Unwan	ted Emissions (Above 1G	Hz)
Modulation Mode	FSK	Test Freq. (FX)	F2
Operating Function	Transmit	Polarization	Н



			Over	Limit	Read	Antenna	Cable	Preamp		Ant	Table
	Freq	Level	Limit	Line	Level	Factor	Loss	Factor	Remark	Pos	Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1	1830.000	27.87	-26.13	54.00	29.48	30.37	2.62	34.60	Average		
2	1830.000	40.56	-33.44	74.00	42.17	30.37	2.62	34.60	Peak	55.55	
3	2745.000	42.94	-31.06	74.00	41.66	32.70	3.39	34.81	Peak	2.0.0	
4	2745.000	29.92	-24.08	54.00	28.64	32.70	3.39	34.81	Average		19 <u>10-17</u>
5	3660.000	45.46	-28.54	74.00	43.37	33.16	3.73	34.80	Peak		
6	3660.000	32.01	-21.99	54.00	29.92	33.16	3.73	34.80	Average	5.75	

Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

Note 2: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

Note 3: For the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.

Note 4: If duty cycle < 100%, average emission = peak emission + 20 log (duty cycle).

Note 5: No level of unwanted emissions exceeds the level of the fundamental emission.

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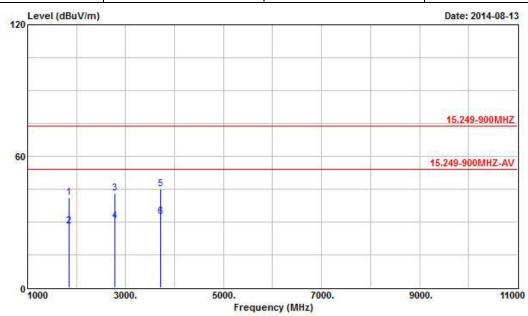


Transmitter Radiated Unwanted Emissions (Above 1GHz)

Modulation Mode FSK Test Freq. (FX) F3

Operating Function Transmit Polarization V

Report No.: FR440102



			Over	Limit	Read	Antenna	Cable	Preamp		Ant	Table
	Freq	Level	Limit	Line	Level	Factor	Loss	Factor	Remark	Pos	Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB		cm	deg
1	1854.500	41.17	-32.83	74.00	42.62	30.49	2.65	34.59	Peak	1000	
2	1854.500	28.15	-25.85	54.00	29.60	30.49	2.65	34.59	Average	1575	
3	2781.750	43.02	-30.98	74.00	41.70	32.73	3.42	34.83	Peak	1000	
4	2781.750	30.25	-23.75	54.00	28.93	32.73	3.42	34.83	Average	3274E	12.2
5	3709.000	45.12	-28.88	74.00	43.01	33.18	3.73	34.80	Peak	-	
6	3709.000	32.37	-21.63	54.00	30.26	33.18	3.73	34.80	Average	5555	1000

Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

Note 2: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

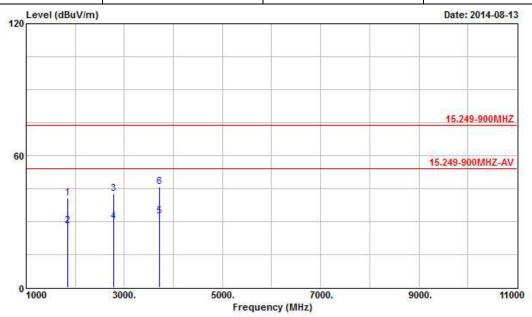
Note 3: For the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.

Note 4: If duty cycle < 100%, average emission = peak emission + 20 log (duty cycle).

Note 5: No level of unwanted emissions exceeds the level of the fundamental emission.

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Tra	nsmitter Radiated Unwan	nsmitter Radiated Unwanted Emissions (Above 1GHz)					
Modulation Mode	FSK	Test Freq. (FX)	F3				
Operating Function	Transmit	Polarization	Н				



			Over	Limit	Read	Antenna	Cable	Preamp		Ant	Table
	Freq	Level	Limit	Line	Level	Factor	Loss	Factor	Remark	Pos	Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	9	cm	deg
1	1854.500	40.75	-33.25	74.00	42.20	30.49	2.65	34.59	Peak		
2	1854.500	27.86	-26.14	54.00	29.31	30.49	2.65	34.59	Average	5.77	
3	2781.750	42.82	-31.18	74.00	41.50	32.73	3.42	34.83	Peak	2.0.0	
4	2781.750	29.97	-24.03	54.00	28.65	32.73	3.42	34.83	Average		10000
5	3709.000	32.39	-21.61	54.00	30.28	33.18	3.73	34.80	Average		
6	3709.000	45.80	-28.20	74.00	43.69	33.18	3.73	34.80	Peak	5.77	1000

Note 1: ">20dB" means spurious emission levels that exceed the level of 20 dB below the applicable limit.

Note 2: Measurement receive antenna polarization: H (Horizontal), V (Vertical)

Note 3: For the peak measurement is fully sufficient, as the max field strength as measured with the Peak-Detector meets the AV-Limit so that the AV level does not need to be reported in addition.

Note 4: If duty cycle < 100%, average emission = peak emission + 20 log (duty cycle).

Note 5: No level of unwanted emissions exceeds the level of the fundamental emission.

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3.4.8 Transmitter Radiated Bandedge Emissions

	902-928 MHz Transmitter Radiated Bandedge Emissions									
Modulation Mode	Test Freq. (MHz)	Measure Distance (m)	Freq. (MHz) PK	Level (dBuV/m) PK	Limit (dBuV/m) QPK	Pol.				
FSK	905.00	3	888.34	26.24	46.00	Н				
FSK	915.00	3	934.12	27.27	46.00	Н				
FSK	927.75	3	932.98	26.44	46.00	Н				

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Note 1: Measurement worst emissions of receive antenna polarization.

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4 Test Equipment and Calibration Data

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Remark
Spectrum Analyzer	R&S	FSV 40	101013	9kHz ~ 40GHz	Jan. 25, 2014	RF Conducted
RF Cable-0.2m	HUBER+SUHNE R	SUCOFLEX_103	10709/4	30MHz ~ 26.5GHz	Dec. 02, 2013	RF Conducted
Signal Generator	R&S	SMB 100A	175727	100kHz ~ 40GHz	Jan. 07, 2014	RF Conducted

Report No.: FR440102

Note: Calibration Interval of instruments listed above is one year.

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Remark
Spectrum Analyzer	R&S	FSP40	100593	9kHz ~ 40GHz	Oct. 03, 2013	Radiation
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH02-HY	30MHz ~ 1GHz 3m	May 11, 2014	Radiation
Amplifier	Agilent	8447D	2944A 11149	100kHz ~ 1.3GHz	Jul. 22, 2014	Radiation
Amplifier	Agilent	8449B	3008A02373	1GHz ~ 26.5GHz	Aug. 28, 2013	Radiation
Horn Antenna	ETS-LINDGREN	3117	00091920	1GHz ~ 18GHz	Nov. 25, 2013	Radiation
RF Cable-R03m	Jye Bao	RG142	CB021	9kHz ~ 1GHz	Nov. 09, 2013	Radiation
RF Cable-high	SUHNER	SUCOFLEX106	03CH02-HY	1GHz ~ 40GHz	Mar. 05, 2014	Radiation
Bilog Antenna	SCHAFFNER	CBL61128	2723	30MHz ~ 2GHz	Oct. 10, 2013	Radiation
Turn Table	Chaintek Instruments	3000	MF7802058	0 ~ 360 degree	N/A	Radiation
Antenna Mast	MF	MF7802	MF780208205	1 ~ 4 m	N/A	Radiation

Note: Calibration Interval of instruments listed above is one year.

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Remark
Loop Antenna	TESEQ	HLA 6120	31244	9 kHz - 30 MHz	Dec. 02, 2012	Radiation

Note: Calibration Interval of instruments listed above is two year.

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