

EXHIBIT P – Spurious RF Conducted Emissions

FCC ID# PURRFU7

Spurious RF Conducted Emissions

Output Power Set to +11 dBm

NORTHWEST
EMC

EMISSIONS DATA SHEET

Rev BETA
01/20/01

EUT: IDEN Radio	Work Order: RAF 0007
Serial Number: 148	Date: 08/22/01
Customer: RadioFrame Networks	Temperature: 23 degrees C
Attendees: Dean Busch	Tested by: Greg Kiemel
Customer Ref. No.: N/A	Power: 120 V, 60 Hz (host)
	Humidity: 38% RH
	Job Site: Customer

TEST SPECIFICATIONS			
Specification: 47 CFR 90.691	Year: Most Current	Method: TIA / EIA - 603	Year: Most Current

SAMPLE CALCULATIONS

COMMENTS

EUT OPERATING MODES
Modulated by 16 QAM. Max Output powered measured at +11.4 dBm

DEVIATIONS FROM TEST STANDARD

None


REQUIREMENTS

Maximum level of any spurious emission must be attenuated below the specified emission mask.

RESULTS

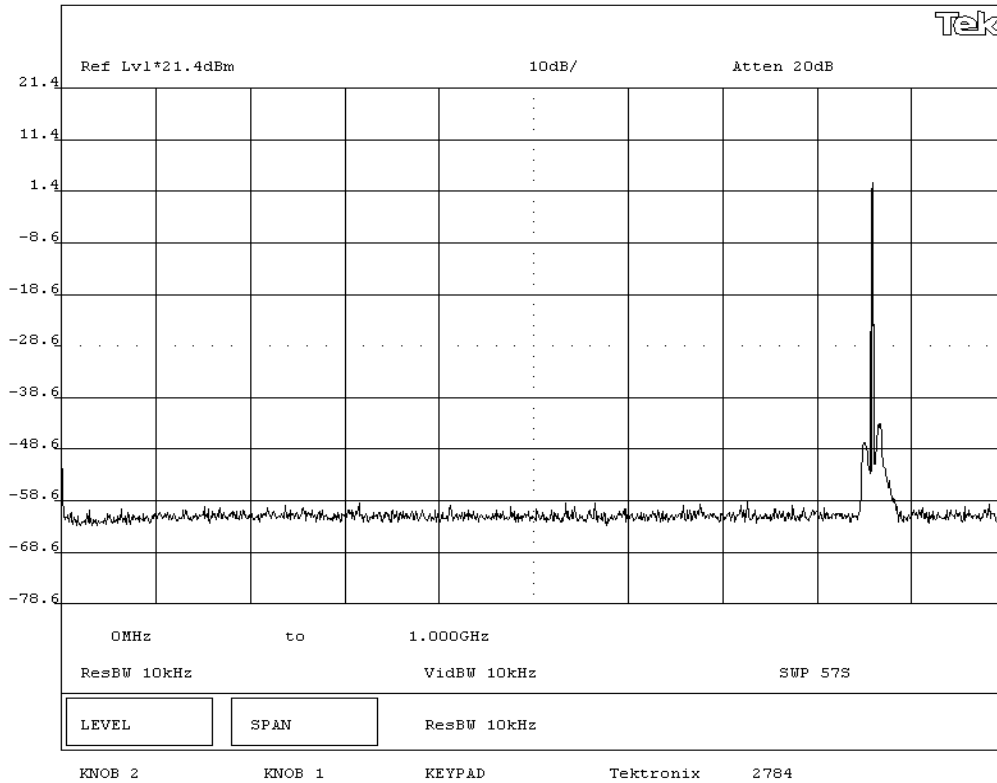
Pass

SIGNATURE

Tested By: 

DESCRIPTION OF TEST

Antenna Conducted Spurious Emissions - Low Channel 0MHz-1GHz



NORTHWEST
EMC

EMISSIONS DATA SHEET

Rev BETA
01/20/01

EUT: IDEN Radio	Work Order: RAF 10007
Serial Number: 148	Date: 08/22/01
Customer: RadioFrame Networks	Temperature: 23 degrees C
Attendees: Dean Busch	Tested by: Greg Kiemel
Customer Ref. No.: N/A	Power: 120 V, 60 Hz (host)
	Humidity: 38% RH
	Job Site: Customer

TEST SPECIFICATIONS			
Specification: 47 CFR 90.691	Year: Most Current	Method: TIA / EIA - 603	Year: Most Current

SAMPLE CALCULATIONS

COMMENTS

EUT OPERATING MODES
Modulated by 16 QAM. Max Output powered measured at +11.4 dBm

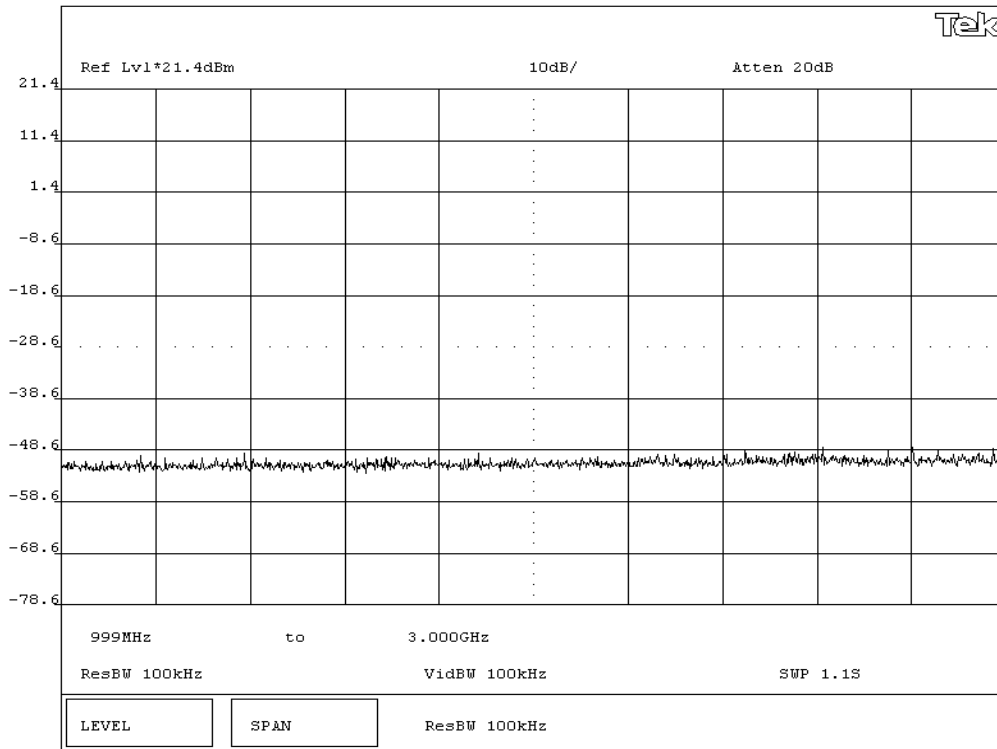
DEVIATIONS FROM TEST STANDARD
None

REQUIREMENTS
Maximum level of any spurious emission must be attenuated below the specified emission mask.

RESULTS
Pass

SIGNATURE
Tested By: *Greg Kiemel*

DESCRIPTION OF TEST
Antenna Conducted Spurious Emissions - Low Channel 1GHz-3GHz



NORTHWEST
EMC EMISSIONS DATA SHEET Rev BETA
01/20/01

EUT: IDEN Radio	Work Order: RAF#0007
Serial Number: 148	Date: 08/22/01
Customer: RadioFrame Networks	Temperature: 23 degrees C
Attendees: Dean Busch	Tested by: Greg Kiemel
Customer Ref. No.: N/A	Humidity: 38% RH
	Power: 120 V, 60 Hz (host)
	Job Site: Customer

TEST SPECIFICATIONS

Specification: 47 CFR 90.691	Year: Most Current	Method: TIA / EIA - 603	Year: Most Current
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SAMPLE CALCULATIONS

COMMENTS

EUT OPERATING MODES
 Modulated by 16 QAM. Max Output powered measured at +11.4 dBm

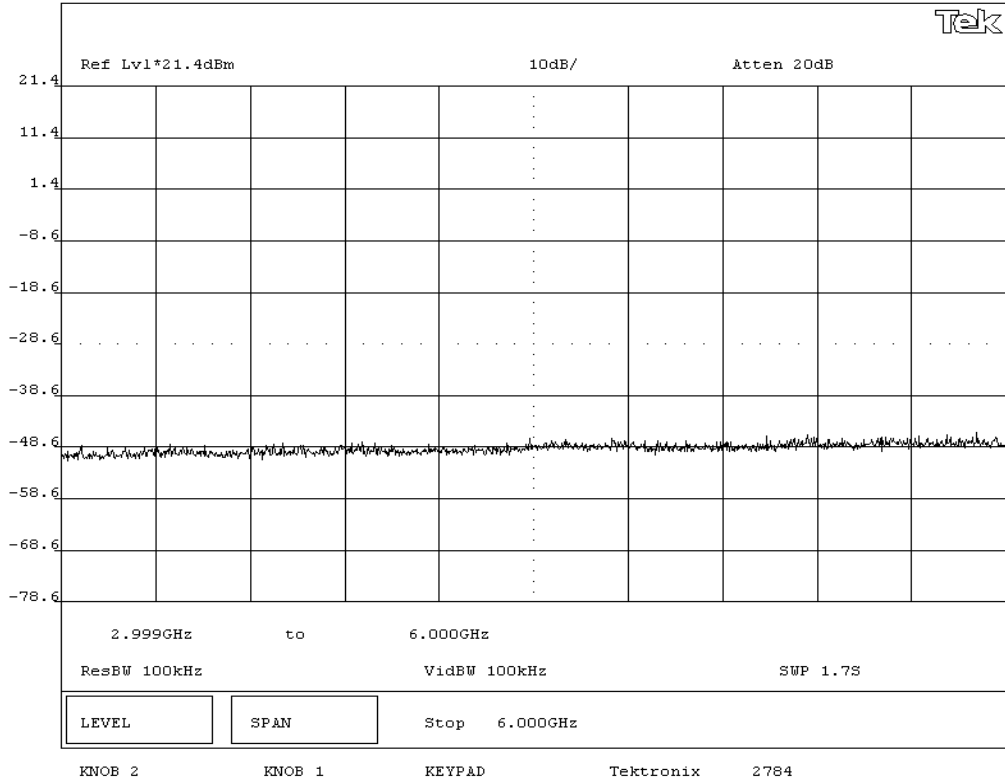
DEVIATIONS FROM TEST STANDARD
 None

REQUIREMENTS
 Maximum level of any spurious emission must be attenuated below the specified emission mask.

RESULTS
 Pass

SIGNATURE
 Tested By: *Greg Kiemel*

DESCRIPTION OF TEST
Antenna Conducted Spurious Emissions - Low Channel 3GHz-6GHz



NORTHWEST
EMC

EMISSIONS DATA SHEET

Rev BETA
01/20/01

EUT: IDEN Radio	Work Order: RAF 10007
Serial Number: 148	Date: 08/22/01
Customer: RadioFrame Networks	Temperature: 23 degrees C
Attendees: Dean Busch	Tested by: Greg Kiemel
Customer Ref. No.: N/A	Power: 120 V, 60 Hz (host)
	Humidity: 38% RH
	Job Site: Customer

TEST SPECIFICATIONS			
Specification: 47 CFR 90.691	Year: Most Current	Method: TIA / EIA - 603	Year: Most Current

SAMPLE CALCULATIONS

COMMENTS

EUT OPERATING MODES
Modulated by 16 QAM. Max Output powered measured at +11.4 dBm

DEVIATIONS FROM TEST STANDARD

None


REQUIREMENTS

Maximum level of any spurious emission must be attenuated below the specified emission mask.

RESULTS

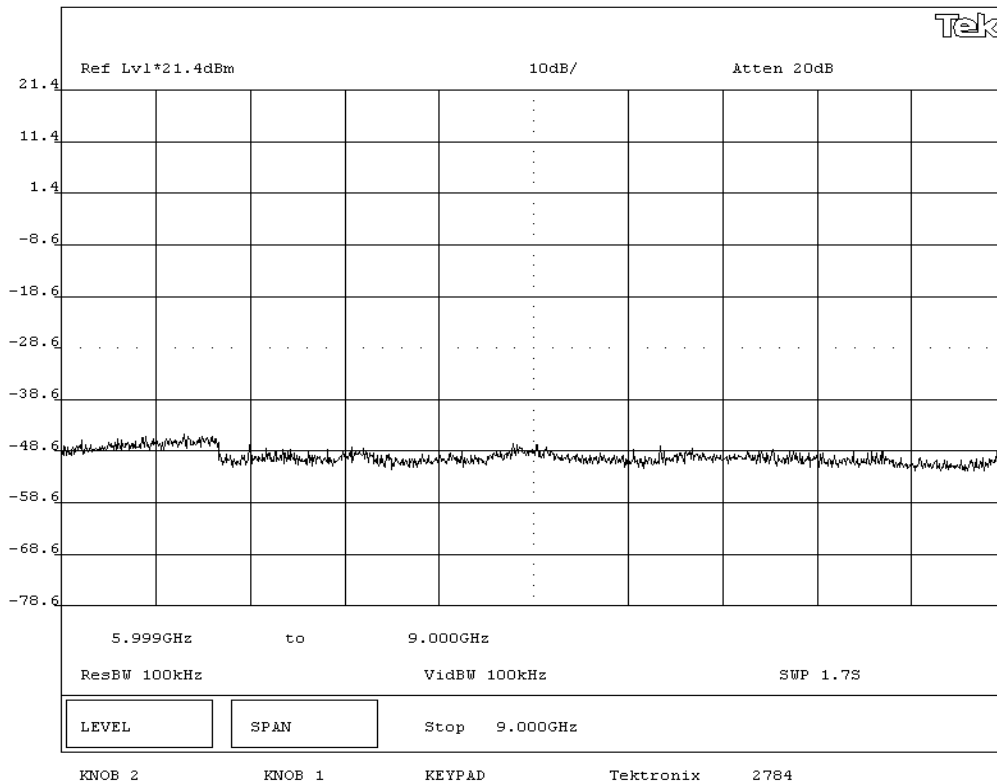
Pass

SIGNATURE

Tested By: 

DESCRIPTION OF TEST

Antenna Conducted Spurious Emissions - Low Channel 6GHz - 9GHz



NORTHWEST
EMC

EMISSIONS DATA SHEET

Rev BETA
01/20/01

EUT: IDEN Radio	Work Order: RAF 0007
Serial Number: 148	Date: 08/22/01
Customer: RadioFrame Networks	Temperature: 23 degrees C
Attendees: Dean Busch	Tested by: Greg Kiemel
Customer Ref. No.: N/A	Power: 120 V, 60 Hz (host)
	Humidity: 38% RH
	Job Site: Customer

TEST SPECIFICATIONS			
Specification: 47 CFR 90.691	Year: Most Current	Method: TIA / EIA - 603	Year: Most Current

SAMPLE CALCULATIONS

COMMENTS

EUT OPERATING MODES
Modulated by 16 QAM. Max Output powered measured at +11.4 dBm

DEVIATIONS FROM TEST STANDARD
None

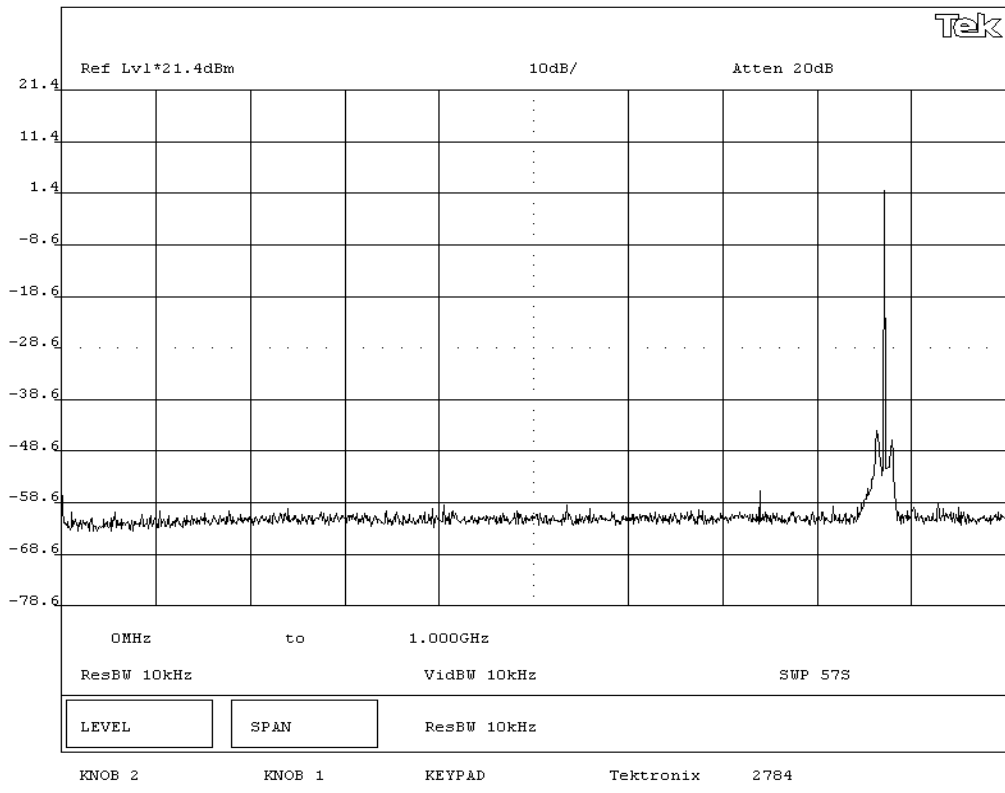
REQUIREMENTS
Maximum level of any spurious emission must be attenuated below the specified emission mask.

RESULTS
Pass

SIGNATURE

Tested By: _____

DESCRIPTION OF TEST
Antenna Conducted Spurious Emissions - Mid Channel 0MHz-1GHz



NORTHWEST
EMC

EMISSIONS DATA SHEET

Rev BETA
01/20/01

EUT: IDEN Radio	Work Order: RAF 0007
Serial Number: 148	Date: 08/22/01
Customer: RadioFrame Networks	Temperature: 23 degrees C
Attendees: Dean Busch	Tested by: Greg Kiemel
Customer Ref. No.: N/A	Power: 120 V, 60 Hz (host)
	Humidity: 38% RH
	Job Site: Customer

TEST SPECIFICATIONS			
Specification: 47 CFR 90.691	Year: Most Current	Method: TIA / EIA - 603	Year: Most Current

SAMPLE CALCULATIONS

COMMENTS

EUT OPERATING MODES
Modulated by 16 QAM. Max Output powered measured at +11.4 dBm

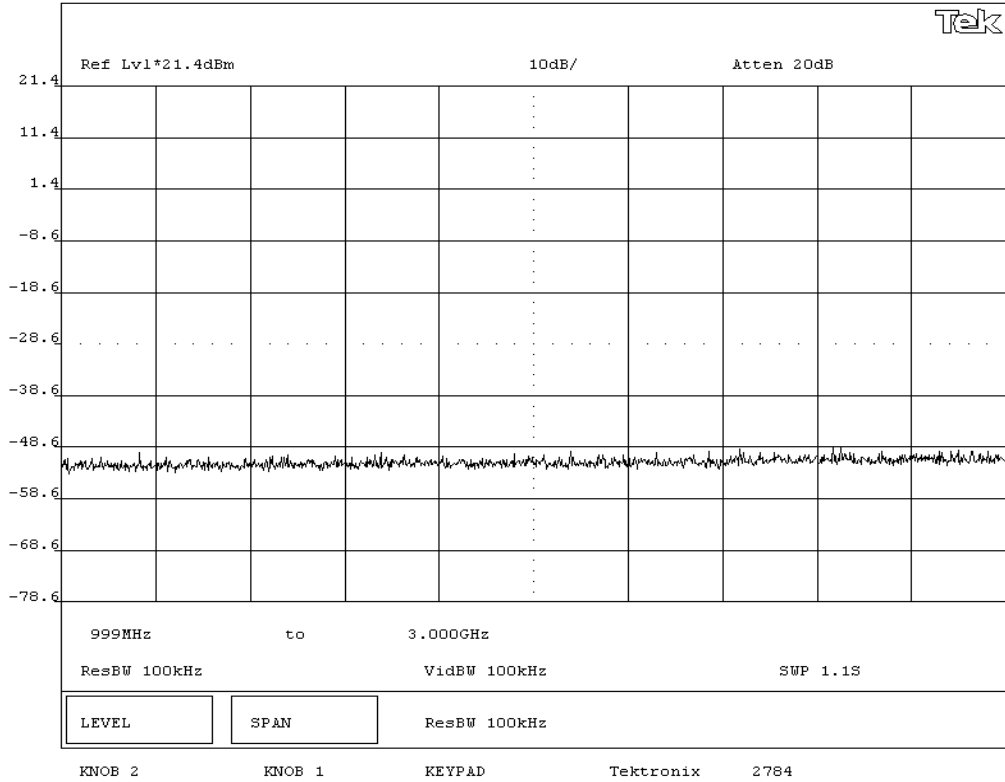
DEVIATIONS FROM TEST STANDARD
None

REQUIREMENTS
Maximum level of any spurious emission must be attenuated below the specified emission mask.

RESULTS
Pass

SIGNATURE
Tested By: *Greg Kiemel*

DESCRIPTION OF TEST
Antenna Conducted Spurious Emissions - Mid Channel 1GHz-3GHz



NORTHWEST
EMC

EMISSIONS DATA SHEET

Rev BETA
01/20/01

EUT: IDEN Radio	Work Order: RAF 10007
Serial Number: 148	Date: 08/22/01
Customer: RadioFrame Networks	Temperature: 23 degrees C
Attendees: Dean Busch	Tested by: Greg Kiemel
Customer Ref. No.: N/A	Power: 120 V, 60 Hz (host)
	Humidity: 38% RH
	Job Site: Customer

TEST SPECIFICATIONS			
Specification: 47 CFR 90.691	Year: Most Current	Method: TIA / EIA - 603	Year: Most Current

SAMPLE CALCULATIONS

COMMENTS

EUT OPERATING MODES
Modulated by 16 QAM. Max Output powered measured at +11.4 dBm

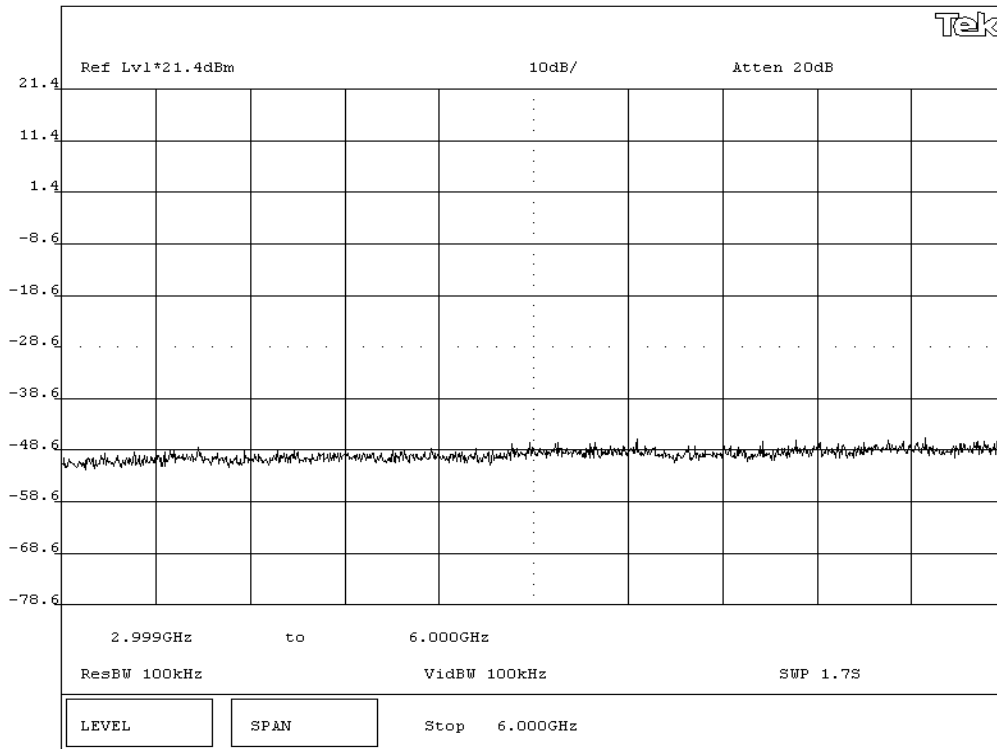
DEVIATIONS FROM TEST STANDARD
None

REQUIREMENTS
Maximum level of any spurious emission must be attenuated below the specified emission mask.

RESULTS
Pass

SIGNATURE
Tested By: *Greg Kiemel*

DESCRIPTION OF TEST
Antenna Conducted Spurious Emissions - Mid Channel 3GHz - 6GHz



NORTHWEST
EMC

EMISSIONS DATA SHEET

Rev BETA
01/20/01

EUT: IDEN Radio	Work Order: RAF 10007
Serial Number: 148	Date: 08/22/01
Customer: RadioFrame Networks	Temperature: 23 degrees C
Attendees: Dean Busch	Tested by: Greg Kiemel
Customer Ref. No.: N/A	Power: 120 V, 60 Hz (host)
	Humidity: 38% RH
	Job Site: Customer

TEST SPECIFICATIONS			
Specification: 47 CFR 90.691	Year: Most Current	Method: TIA / EIA - 603	Year: Most Current

SAMPLE CALCULATIONS

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COMMENTS

EUT OPERATING MODES
Modulated by 16 QAM. Max Output powered measured at +11.4 dBm

DEVIATIONS FROM TEST STANDARD
None

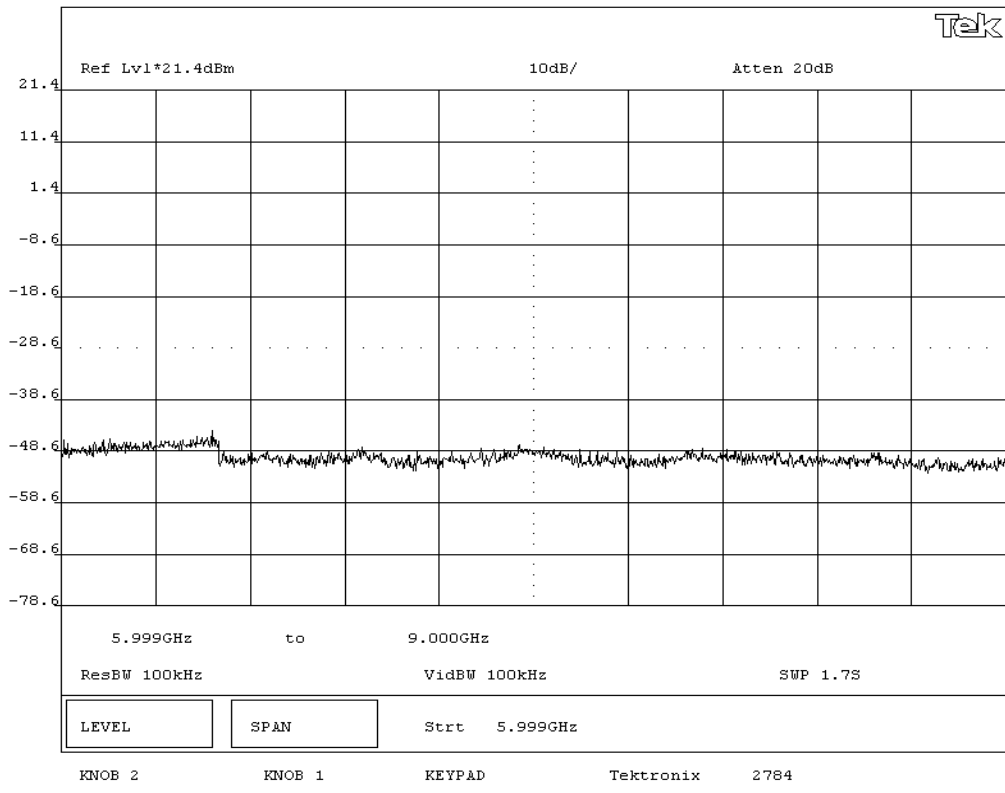
REQUIREMENTS
Maximum level of any spurious emission must be attenuated below the specified emission mask.

RESULTS
Pass

SIGNATURE

Tested By: 

DESCRIPTION OF TEST
Antenna Conducted Spurious Emissions - Mid Channel 6GHz-9GHz



NORTHWEST
EMC

EMISSIONS DATA SHEET

Rev BETA
01/20/01

EUT: IDEN Radio	Work Order: RAF 0007
Serial Number: 148	Date: 08/22/01
Customer: RadioFrame Networks	Temperature: 23 degrees C
Attendees: Dean Busch	Tested by: Greg Kiemel
Customer Ref. No.: N/A	Power: 120 V, 60 Hz (host)
	Humidity: 38% RH
	Job Site: Customer

TEST SPECIFICATIONS			
Specification: 47 CFR 90.691	Year: Most Current	Method: TIA / EIA - 603	Year: Most Current

SAMPLE CALCULATIONS

COMMENTS

EUT OPERATING MODES
Modulated by 16 QAM. Max Output powered measured at +11.4 dBm

DEVIATIONS FROM TEST STANDARD

None


REQUIREMENTS

Maximum level of any spurious emission must be attenuated below the specified emission mask.

RESULTS

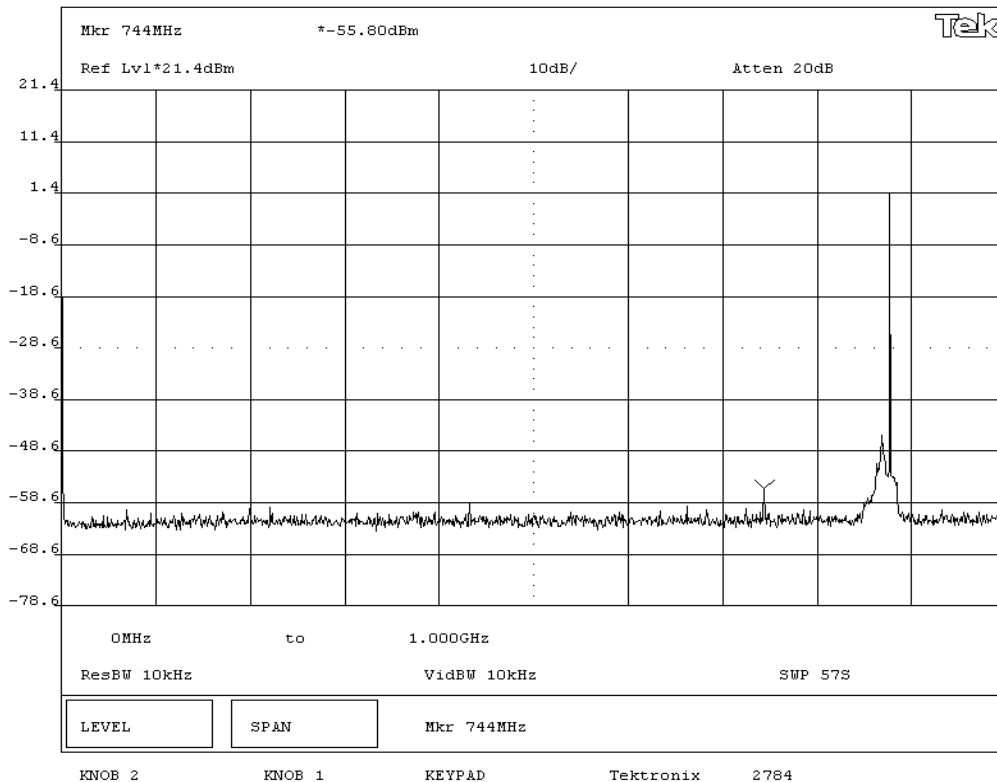
Pass

SIGNATURE

Tested By: 

DESCRIPTION OF TEST

Antenna Conducted Spurious Emissions - High Channel 0MHz-1GHz



EMC EMISSIONS DATA SHEET Rev BETA 01/20/01

EUT: IDEN Radio	Work Order: RAF 10007
Serial Number: 148	Date: 08/22/01
Customer: RadioFrame Networks	Temperature: 23 degrees C
Attendees: Dean Busch	Humidity: 38% RH
Tested by: Greg Kiemel	Job Site: Customer
Customer Ref. No.: N/A	Power: 120 V, 60 Hz (host)

TEST SPECIFICATIONS			
Specification: 47 CFR 90.691	Year: Most Current	Method: TIA / EIA - 603	Year: Most Current

SAMPLE CALCULATIONS

COMMENTS

EUT OPERATING MODES
Modulated by 16 QAM. Max Output powered measured at +11.4 dBm

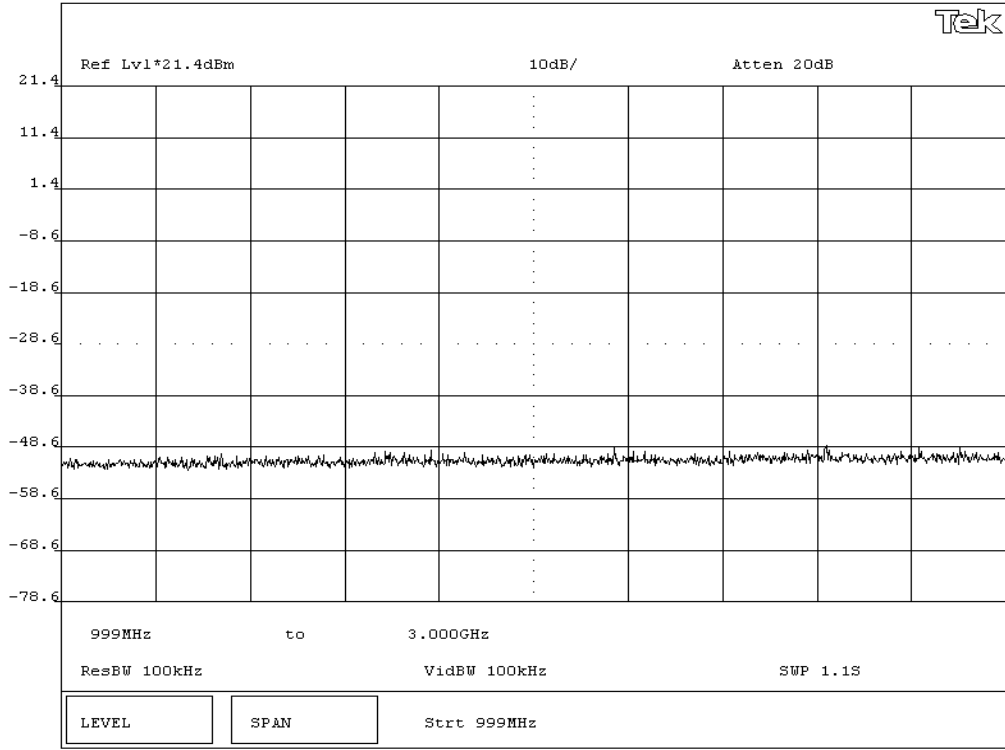
DEVIATIONS FROM TEST STANDARD
None

REQUIREMENTS
Maximum level of any spurious emission must be attenuated below the specified emission mask.

RESULTS
Pass

SIGNATURE
Tested By: *Greg Kiemel*

DESCRIPTION OF TEST
Antenna Conducted Spurious Emissions - High Channel 1GHz-3GHz



NORTHWEST
EMC

EMISSIONS DATA SHEET

Rev BETA
01/20/01

EUT: IDEN Radio	Work Order: RAF 0007
Serial Number: 148	Date: 08/22/01
Customer: RadioFrame Networks	Temperature: 23 degrees C
Attendees: Dean Busch	Tested by: Greg Kiemel
Customer Ref. No.: N/A	Power: 120 V, 60 Hz (host)
	Humidity: 38% RH
	Job Site: Customer

TEST SPECIFICATIONS			
Specification: 47 CFR 90.691	Year: Most Current	Method: TIA / EIA - 603	Year: Most Current

SAMPLE CALCULATIONS

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COMMENTS

EUT OPERATING MODES
Modulated by 16 QAM. Max Output powered measured at +11.4 dBm

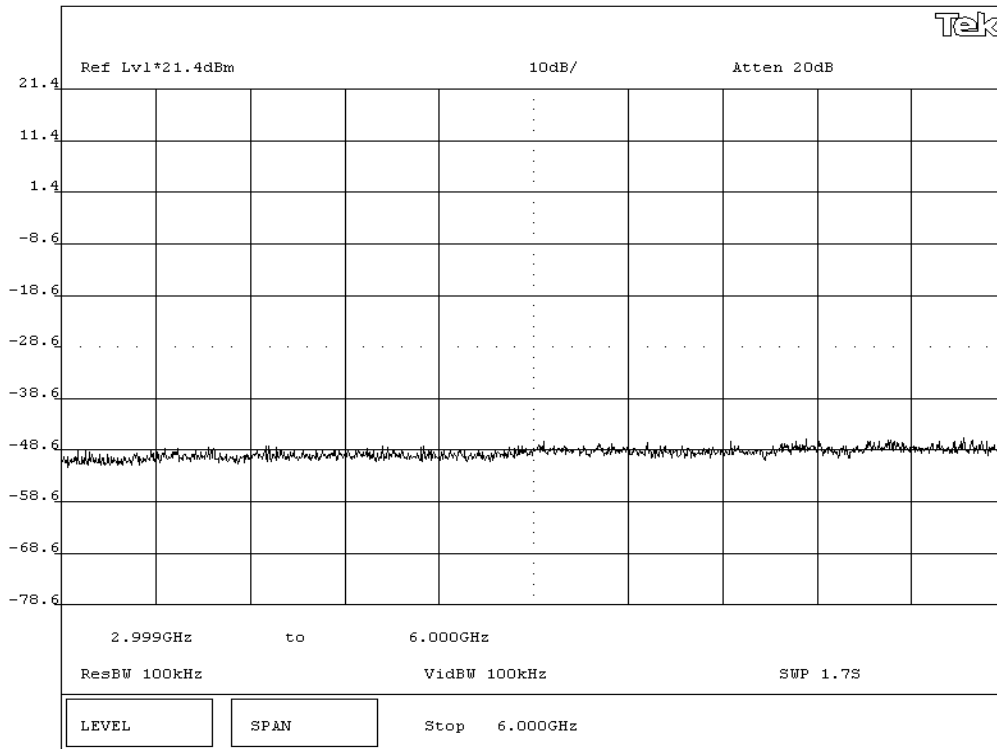
DEVIATIONS FROM TEST STANDARD
None

REQUIREMENTS
Maximum level of any spurious emission must be attenuated below the specified emission mask.

RESULTS
Pass

SIGNATURE
Tested By: *Greg Kiemel*

DESCRIPTION OF TEST
Antenna Conducted Spurious Emissions - High Channel 3GHz-6GHz



NORTHWEST
EMC

EMISSIONS DATA SHEET

Rev BETA
01/20/01

EUT: IDEN Radio	Work Order: RAF 10007
Serial Number: 148	Date: 08/22/01
Customer: RadioFrame Networks	Temperature: 23 degrees C
Attendees: Dean Busch	Tested by: Greg Kiemel
Customer Ref. No.: N/A	Power: 120 V, 60 Hz (host)
	Humidity: 38% RH
	Job Site: Customer

TEST SPECIFICATIONS			
Specification: 47 CFR 90.691	Year: Most Current	Method: TIA / EIA - 603	Year: Most Current

SAMPLE CALCULATIONS

COMMENTS

EUT OPERATING MODES
Modulated by 16 QAM. Max Output powered measured at +11.4 dBm

DEVIATIONS FROM TEST STANDARD
None

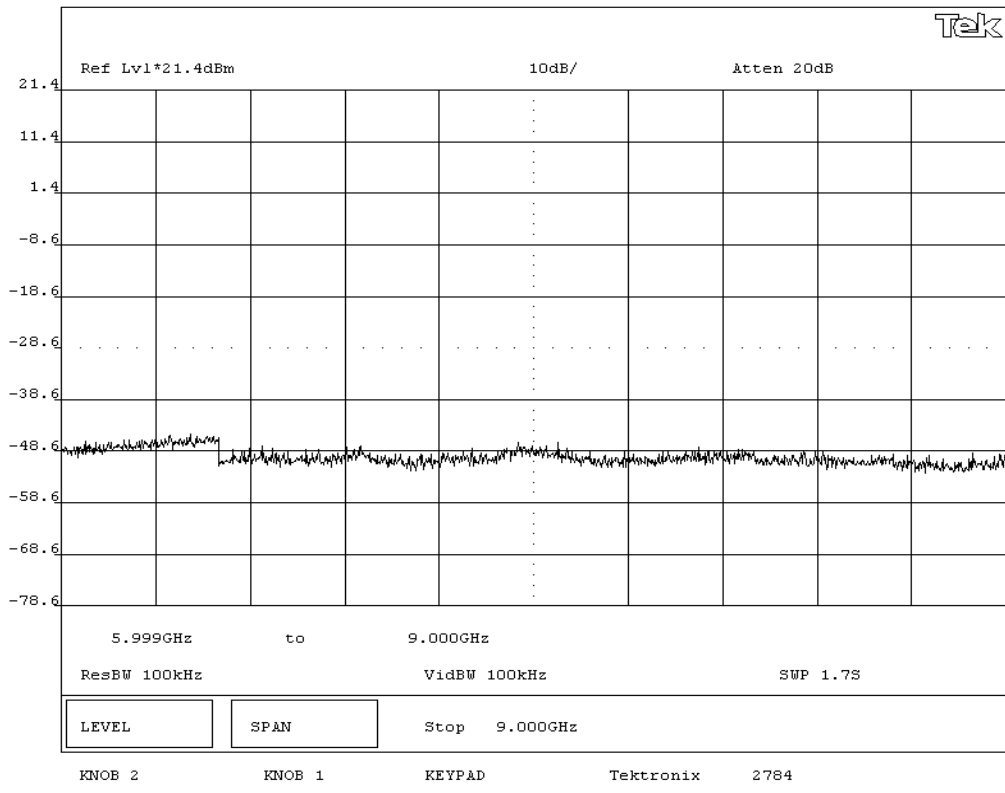
REQUIREMENTS
Maximum level of any spurious emission must be attenuated below the specified emission mask.

RESULTS
Pass

SIGNATURE

Tested By: _____

DESCRIPTION OF TEST
Antenna Conducted Spurious Emissions - High Channel 6GHz-9GHz



Spurious RF Conducted Emissions

Output Power Set to +8 dBm

NORTHWEST
EMC

EMISSIONS DATA SHEET

Rev BETA
01/20/01

EUT: IDEN Radio	Work Order: RAF 0007
Serial Number: 148	Date: 08/22/01
Customer: RadioFrame Networks	Temperature: 23 degrees C
Attendees: Dean Busch	Tested by: Greg Kiemel
Customer Ref. No.: N/A	Power: 120 V, 60 Hz (host)
	Humidity: 38% RH
	Job Site: Customer

TEST SPECIFICATIONS			
Specification: 47 CFR 90.691	Year: Most Current	Method: TIA / EIA - 603	Year: Most Current

SAMPLE CALCULATIONS

COMMENTS

EUT OPERATING MODES
Modulated by 16 QAM. Max Output powered measured at +8.9 dBm

DEVIATIONS FROM TEST STANDARD
None

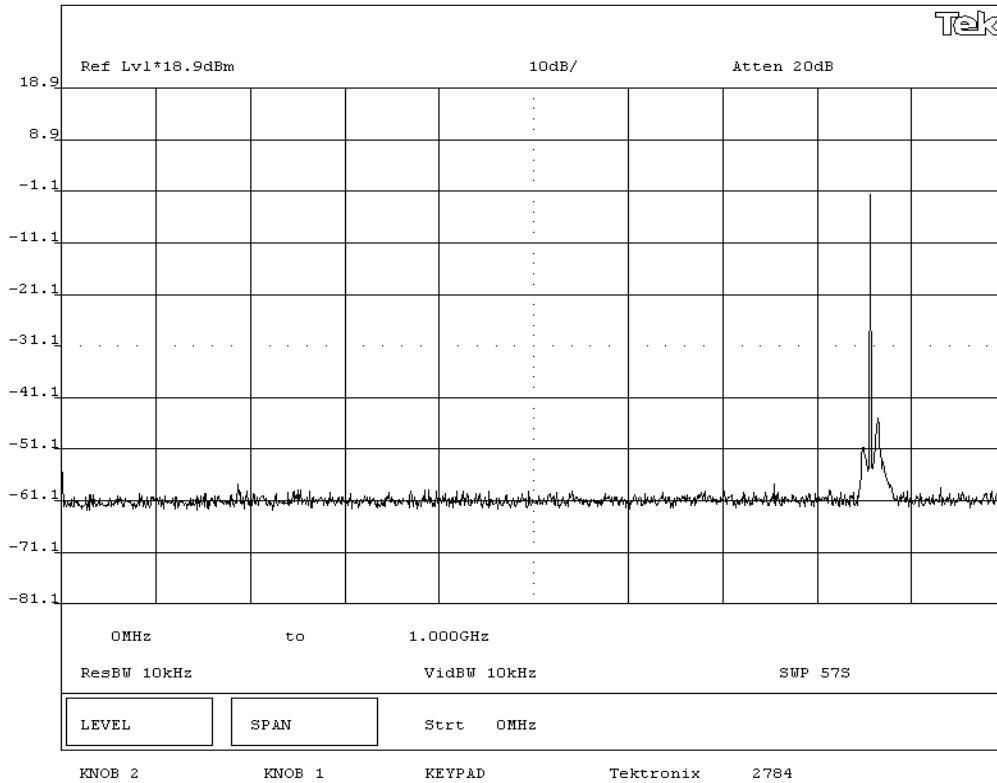
REQUIREMENTS
Maximum level of any spurious emission must be attenuated below the specified emission mask.

RESULTS
Pass

SIGNATURE

Tested By: _____

DESCRIPTION OF TEST
Antenna Conducted Spurious Emissions - Low Channel 0MHz-3GHz



NORTHWEST
EMC

EMISSIONS DATA SHEET

Rev BETA
01/20/01

EUT: IDEN Radio	Work Order: RAF 10007
Serial Number: 148	Date: 08/22/01
Customer: RadioFrame Networks	Temperature: 23 degrees C
Attendees: Dean Busch	Humidity: 38% RH
Tested by: Greg Kiemel	Job Site: Customer
Customer Ref. No.: N/A	Power: 120 V, 60 Hz (host)

TEST SPECIFICATIONS			
Specification: 47 CFR 90.691	Year: Most Current	Method: TIA / EIA - 603	Year: Most Current

SAMPLE CALCULATIONS

COMMENTS

EUT OPERATING MODES
Modulated by 16 QAM. Max Output powered measured at +8.9 dBm

DEVIATIONS FROM TEST STANDARD
None

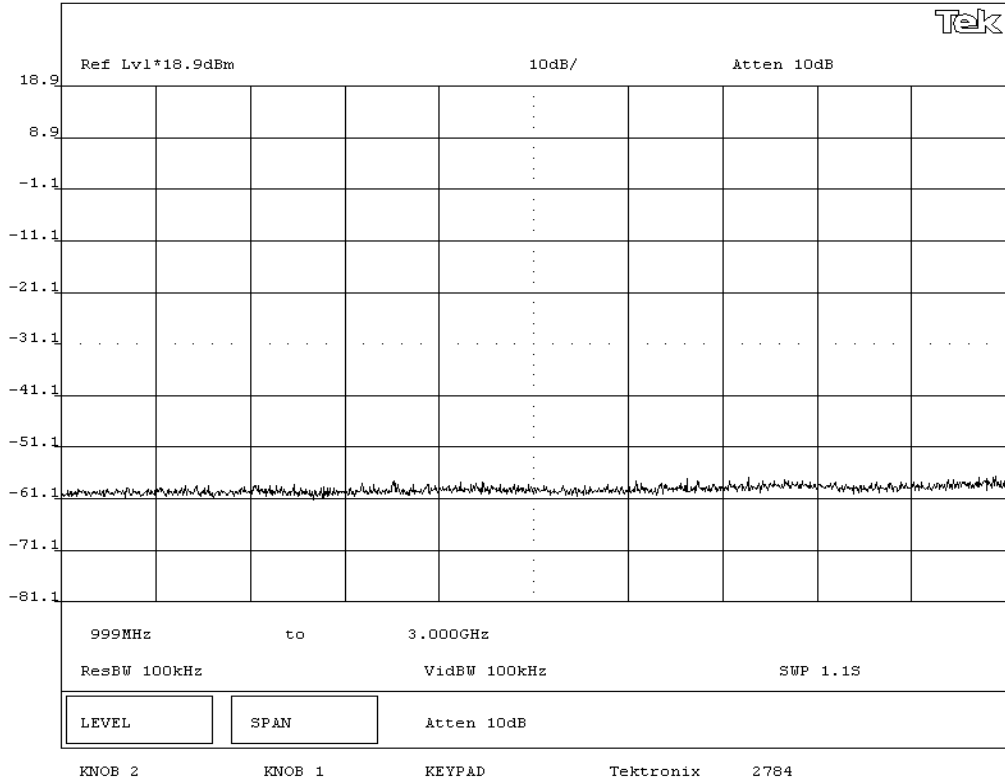
REQUIREMENTS
Maximum level of any spurious emission must be attenuated below the specified emission mask.

RESULTS
Pass

SIGNATURE

Tested By: *Greg Kiemel*

DESCRIPTION OF TEST
Antenna Conducted Spurious Emissions - Low Channel 3GHz-6.5GHz



NORTHWEST
EMC

EMISSIONS DATA SHEET

Rev BETA
01/20/01

EUT: IDEN Radio	Work Order: RAF 40007
Serial Number: 148	Date: 08/22/01
Customer: RadioFrame Networks	Temperature: 23 degrees C
Attendees: Dean Busch	Tested by: Greg Kiemel
Customer Ref. No.: N/A	Power: 120 V, 60 Hz (host)
	Humidity: 38% RH
	Job Site: Customer

TEST SPECIFICATIONS			
Specification: 47 CFR 90.691	Year: Most Current	Method: TIA / EIA - 603	Year: Most Current

SAMPLE CALCULATIONS

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COMMENTS

EUT OPERATING MODES
Modulated by 16 QAM. Max Output powered measured at +8.9 dBm

DEVIATIONS FROM TEST STANDARD
None

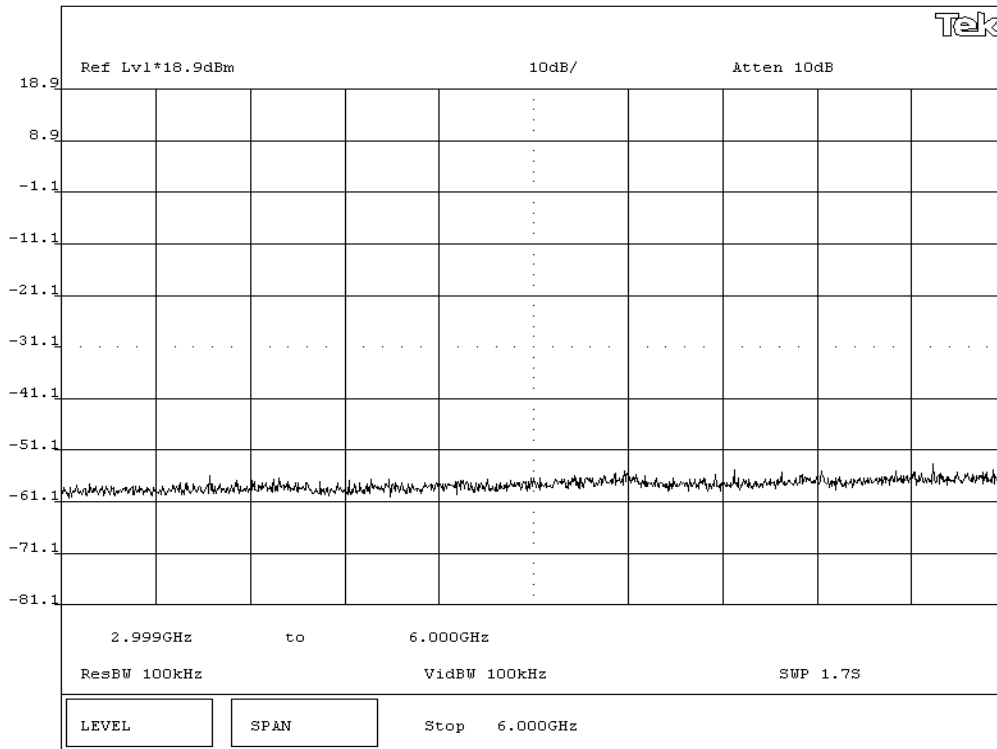
REQUIREMENTS
Maximum level of any spurious emission must be attenuated below the specified emission mask.

RESULTS
Pass

SIGNATURE

Tested By: _____

DESCRIPTION OF TEST
Antenna Conducted Spurious Emissions - Low Channel 6.5GHz-15GHz



NORTHWEST
EMC

EMISSIONS DATA SHEET

Rev BETA
01/20/01

EUT: IDEN Radio	Work Order: RAF 10007
Serial Number: 148	Date: 08/22/01
Customer: RadioFrame Networks	Temperature: 23 degrees C
Attendees: Dean Busch	Tested by: Greg Kiemel
Customer Ref. No.: N/A	Humidity: 38% RH
	Power: 120 V, 60 Hz (host)
	Job Site: Customer

TEST SPECIFICATIONS			
Specification: 47 CFR 90.691	Year: Most Current	Method: TIA / EIA - 603	Year: Most Current

SAMPLE CALCULATIONS

COMMENTS

EUT OPERATING MODES
Modulated by 16 QAM. Max Output powered measured at +8.9 dBm

DEVIATIONS FROM TEST STANDARD
None

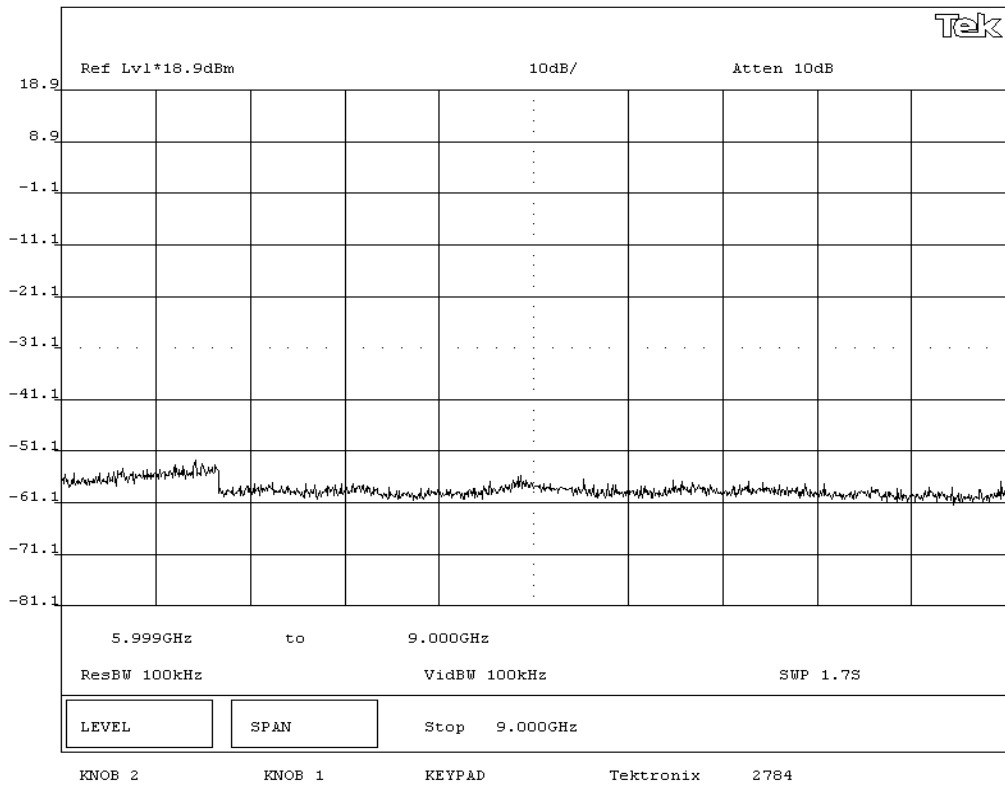
REQUIREMENTS
Maximum level of any spurious emission must be attenuated below the specified emission mask.

RESULTS
Pass

SIGNATURE

Tested By: 

DESCRIPTION OF TEST
Antenna Conducted Spurious Emissions - Low Channel 15GHz - 25GHz



NORTHWEST
EMC

EMISSIONS DATA SHEET

Rev BETA
01/20/01

EUT: IDEN Radio	Work Order: RAF 0007
Serial Number: 148	Date: 08/22/01
Customer: RadioFrame Networks	Temperature: 23 degrees C
Attendees: Dean Busch	Tested by: Greg Kiemel
Customer Ref. No.: N/A	Power: 120 V, 60 Hz (host)
	Humidity: 38% RH
	Job Site: Customer

TEST SPECIFICATIONS			
Specification: 47 CFR 90.691	Year: Most Current	Method: TIA / EIA - 603	Year: Most Current

SAMPLE CALCULATIONS

COMMENTS


EUT OPERATING MODES
Modulated by 16 QAM. Max Output powered measured at +8.9 dBm

DEVIATIONS FROM TEST STANDARD
None

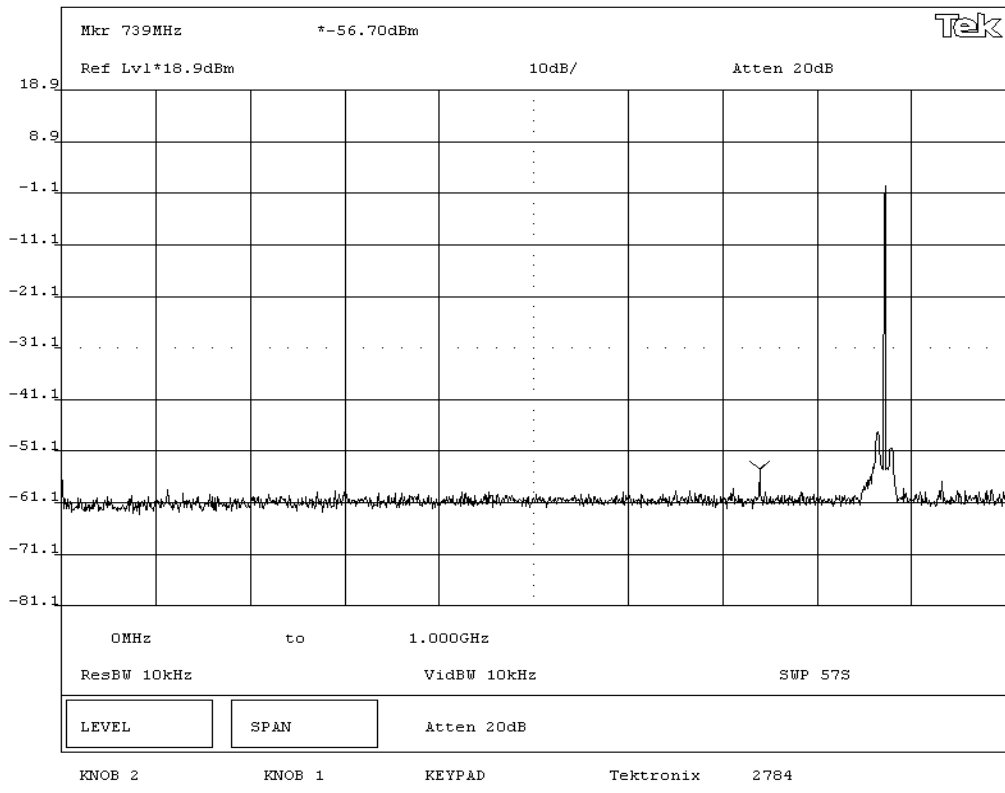
REQUIREMENTS
Maximum level of any spurious emission must be attenuated below the specified emission mask.

RESULTS
Pass

SIGNATURE

Tested By: 

DESCRIPTION OF TEST
Antenna Conducted Spurious Emissions - Mid Channel 0MHz-3GHz



NORTHWEST
EMC

EMISSIONS DATA SHEET

Rev BETA
01/20/01

EUT: IDEN Radio	Work Order: RAF 10007
Serial Number: 148	Date: 08/22/01
Customer: RadioFrame Networks	Temperature: 23 degrees C
Attendees: Dean Busch	Tested by: Greg Kiemel
Customer Ref. No.: N/A	Power: 120 V, 60 Hz (host)
	Humidity: 38% RH
	Job Site: Customer

TEST SPECIFICATIONS			
Specification: 47 CFR 90.691	Year: Most Current	Method: TIA / EIA - 603	Year: Most Current

SAMPLE CALCULATIONS

COMMENTS

EUT OPERATING MODES
Modulated by 16 QAM. Max Output powered measured at +8.9 dBm

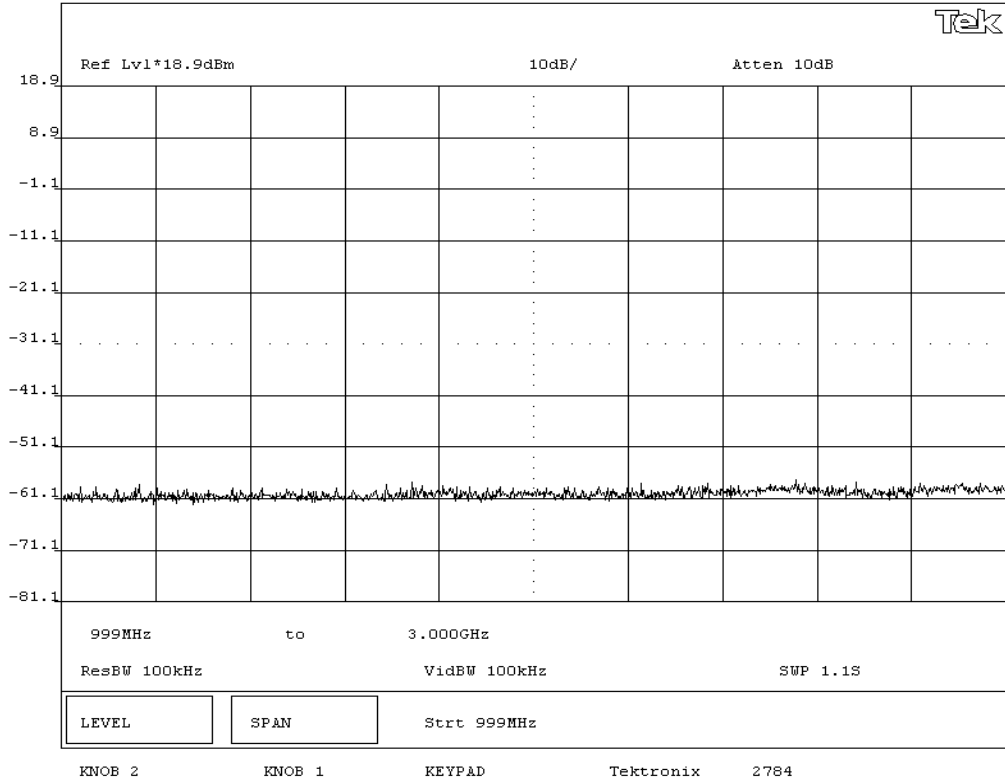
DEVIATIONS FROM TEST STANDARD
None

REQUIREMENTS
Maximum level of any spurious emission must be attenuated below the specified emission mask.

RESULTS
Pass

SIGNATURE
Tested By: 

DESCRIPTION OF TEST
Antenna Conducted Spurious Emissions - Mid Channel 3GHz-6.5GHz



NORTHWEST
EMC

EMISSIONS DATA SHEET

Rev BETA
01/20/01

EUT: IDEN Radio	Work Order: RAF 10007
Serial Number: 148	Date: 08/22/01
Customer: RadioFrame Networks	Temperature: 23 degrees C
Attendees: Dean Busch	Tested by: Greg Kiemel
Customer Ref. No.: N/A	Power: 120 V, 60 Hz (host)
	Humidity: 38% RH
	Job Site: Customer

TEST SPECIFICATIONS			
Specification: 47 CFR 90.691	Year: Most Current	Method: TIA / EIA - 603	Year: Most Current

SAMPLE CALCULATIONS

COMMENTS

EUT OPERATING MODES
Modulated by 16 QAM. Max Output powered measured at +8.9 dBm

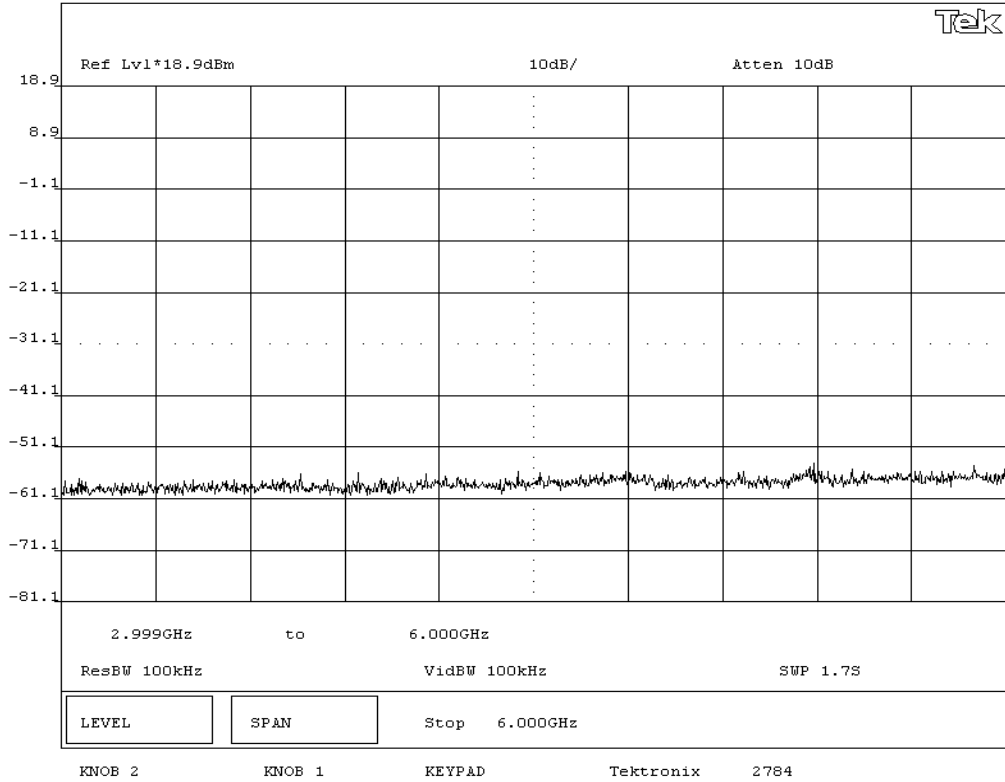
DEVIATIONS FROM TEST STANDARD
None

REQUIREMENTS
Maximum level of any spurious emission must be attenuated below the specified emission mask.

RESULTS
Pass

SIGNATURE
Tested By: *Greg Kiemel*

DESCRIPTION OF TEST
Antenna Conducted Spurious Emissions - Mid Channel 6.5GHz-15GHz



NORTHWEST
EMC

EMISSIONS DATA SHEET

Rev BETA
01/20/01

EUT: IDEN Radio	Work Order: RAF 10007
Serial Number: 148	Date: 08/22/01
Customer: RadioFrame Networks	Temperature: 23 degrees C
Attendees: Dean Busch	Humidity: 38% RH
Tested by: Greg Kiemel	Job Site: Customer
Customer Ref. No.: N/A	Power: 120 V, 60 Hz (host)

Specification: 47 CFR 90.691	Year: Most Current	Method: TIA / EIA - 603	Year: Most Current
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SAMPLE CALCULATIONS

COMMENTS

EUT OPERATING MODES
Modulated by 16 QAM. Max Output powered measured at +8.9 dBm

DEVIATIONS FROM TEST STANDARD
None

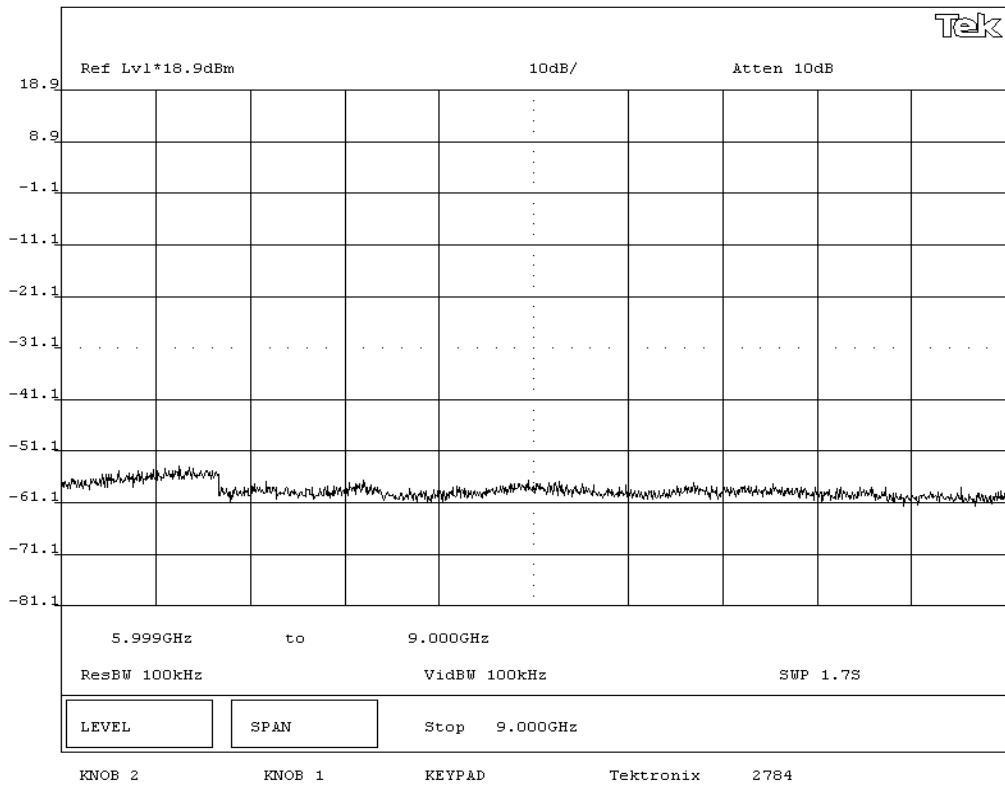
REQUIREMENTS
Maximum level of any spurious emission must be attenuated below the specified emission mask.

RESULTS
Pass

SIGNATURE

Tested By: _____

DESCRIPTION OF TEST
Antenna Conducted Spurious Emissions - Mid Channel 15GHz-25GHz



NORTHWEST
EMC

EMISSIONS DATA SHEET

Rev BETA
01/20/01

EUT: IDEN Radio	Work Order: RAF 0007
Serial Number: 148	Date: 08/22/01
Customer: RadioFrame Networks	Temperature: 23 degrees C
Attendees: Dean Busch	Tested by: Greg Kiemel
Customer Ref. No.: N/A	Power: 120 V, 60 Hz (host)
	Humidity: 38% RH
	Job Site: Customer

TEST SPECIFICATIONS			
Specification: 47 CFR 90.691	Year: Most Current	Method: TIA / EIA - 603	Year: Most Current

SAMPLE CALCULATIONS

COMMENTS

EUT OPERATING MODES
Modulated by 16 QAM. Max Output powered measured at +8.9 dBm

DEVIATIONS FROM TEST STANDARD
None

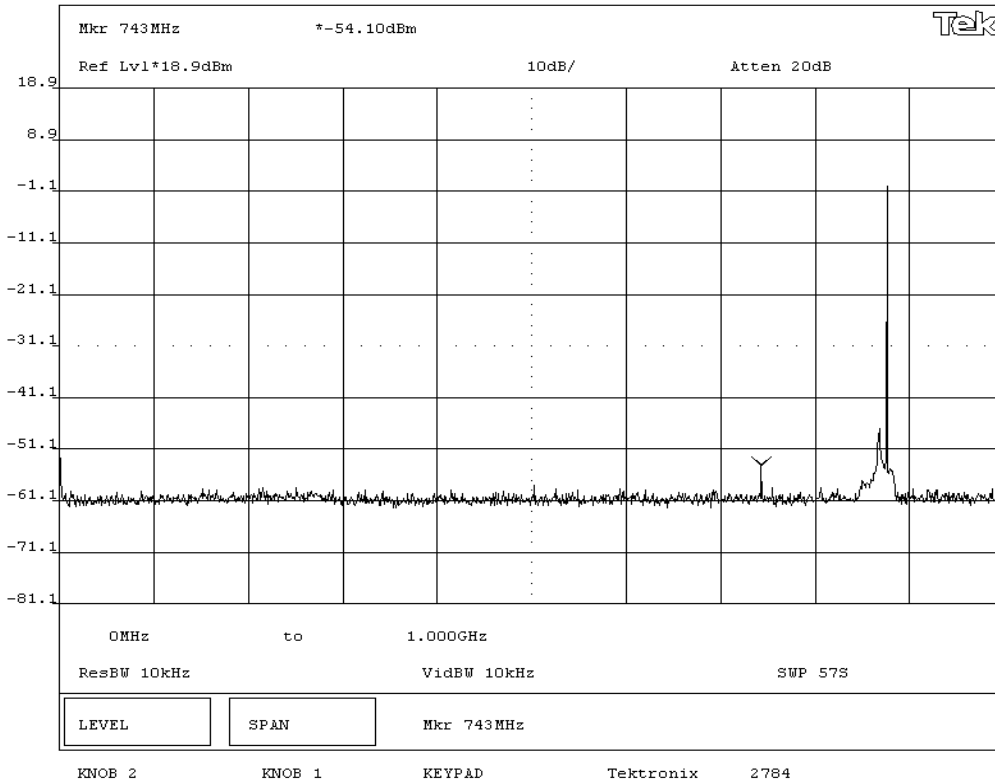
REQUIREMENTS
Maximum level of any spurious emission must be attenuated below the specified emission mask.

RESULTS
Pass

SIGNATURE
Tested By: 

DESCRIPTION OF TEST

Antenna Conducted Spurious Emissions - High Channel 0MHz-3GHz



NORTHWEST
EMC

EMISSIONS DATA SHEET

Rev BETA
01/20/01

EUT: IDEN Radio	Work Order: RAF 10007
Serial Number: 148	Date: 08/22/01
Customer: RadioFrame Networks	Temperature: 23 degrees C
Attendees: Dean Busch	Tested by: Greg Kiemel
Customer Ref. No.: N/A	Power: 120 V, 60 Hz (host)
	Humidity: 38% RH
	Job Site: Customer

TEST SPECIFICATIONS			
Specification: 47 CFR 90.691	Year: Most Current	Method: TIA / EIA - 603	Year: Most Current

SAMPLE CALCULATIONS

COMMENTS

EUT OPERATING MODES
Modulated by 16 QAM. Max Output powered measured at +8.9 dBm

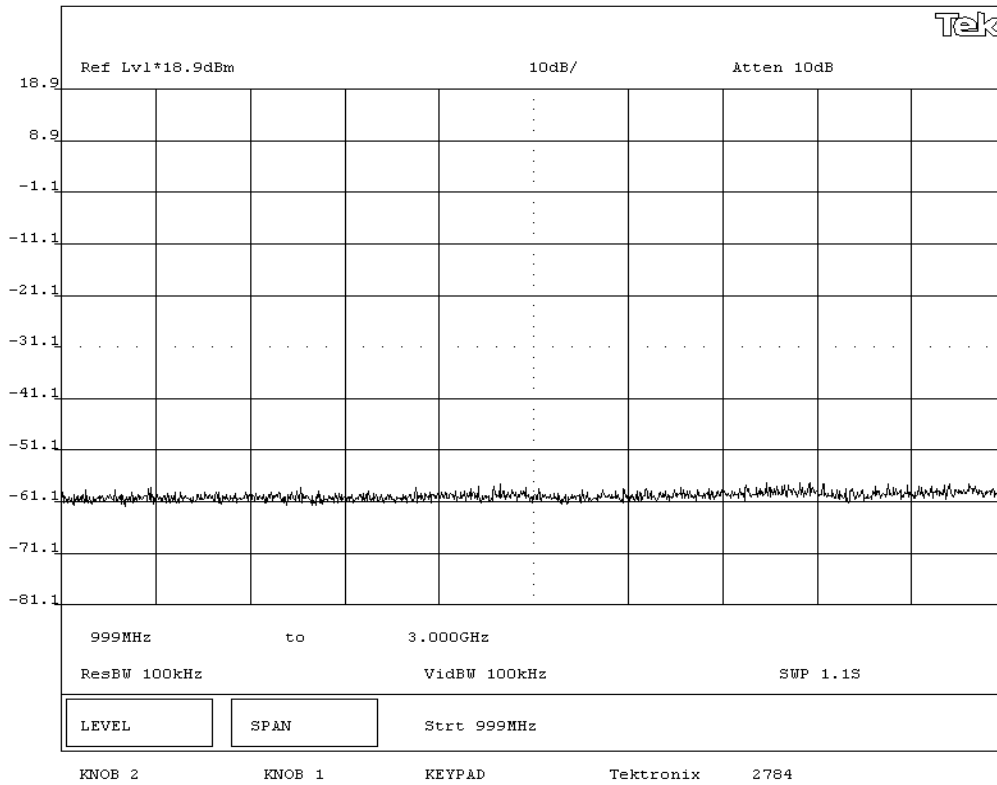
DEVIATIONS FROM TEST STANDARD
None

REQUIREMENTS
Maximum level of any spurious emission must be attenuated below the specified emission mask.

RESULTS
Pass

SIGNATURE
Tested By: 

DESCRIPTION OF TEST
Antenna Conducted Spurious Emissions - High Channel 3GHz-6.5GHz



NORTHWEST
EMC

EMISSIONS DATA SHEET

Rev BETA
01/20/01

EUT: IDEN Radio	Work Order: RAF 40007
Serial Number: 148	Date: 08/22/01
Customer: RadioFrame Networks	Temperature: 23 degrees C
Attendees: Dean Busch	Tested by: Greg Kiemel
Customer Ref. No.: N/A	Power: 120 V, 60 Hz (host)
	Humidity: 38% RH
	Job Site: Customer

TEST SPECIFICATIONS			
Specification: 47 CFR 90.691	Year: Most Current	Method: TIA / EIA - 603	Year: Most Current

SAMPLE CALCULATIONS

COMMENTS

EUT OPERATING MODES
Modulated by 16 QAM. Max Output powered measured at +8.9 dBm

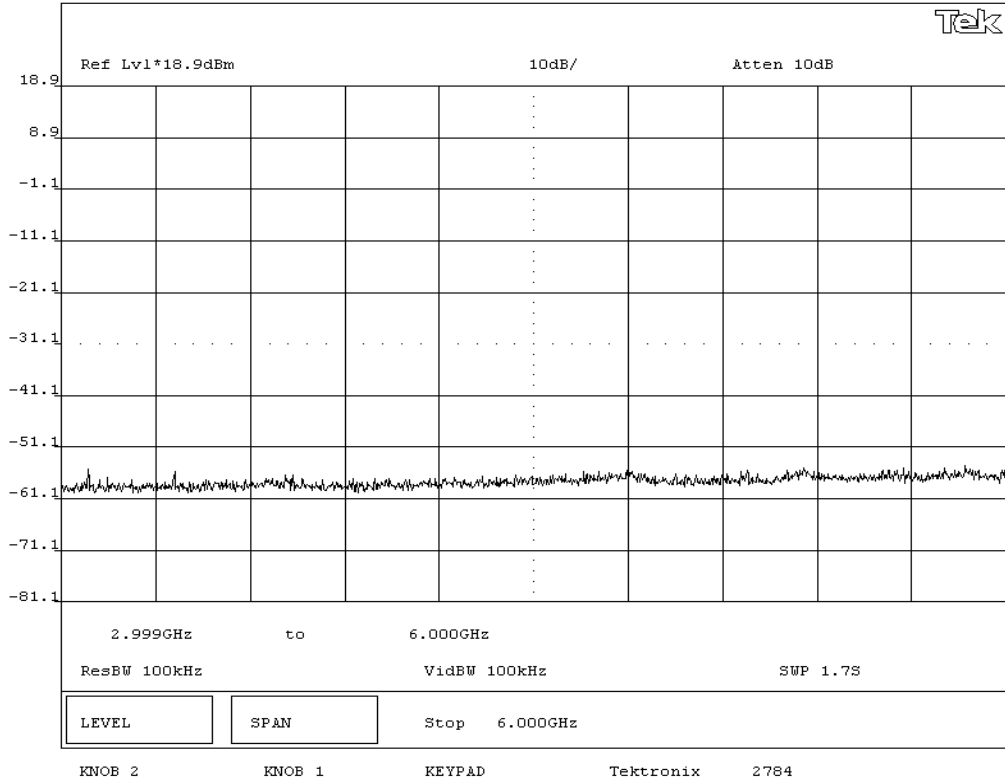
DEVIATIONS FROM TEST STANDARD
None

REQUIREMENTS
Maximum level of any spurious emission must be attenuated below the specified emission mask.

RESULTS
Pass

SIGNATURE
Tested By: *Greg Kiemel*

DESCRIPTION OF TEST
Antenna Conducted Spurious Emissions - High Channel 6.5GHz-15GHz



NORTHWEST
EMC

EMISSIONS DATA SHEET

Rev BETA
01/20/01

EUT: IDEN Radio	Work Order: RAF 10007
Serial Number: 148	Date: 08/22/01
Customer: RadioFrame Networks	Temperature: 23 degrees C
Attendees: Dean Busch	Tested by: Greg Kiemel
Customer Ref. No.: N/A	Power: 120 V, 60 Hz (host)
	Humidity: 38% RH
	Job Site: Customer

TEST SPECIFICATIONS			
Specification: 47 CFR 90.691	Year: Most Current	Method: TIA / EIA - 603	Year: Most Current

SAMPLE CALCULATIONS

COMMENTS

EUT OPERATING MODES
Modulated by 16 QAM. Max Output powered measured at +8.9 dBm

DEVIATIONS FROM TEST STANDARD

None


REQUIREMENTS

Maximum level of any spurious emission must be attenuated below the specified emission mask.

RESULTS

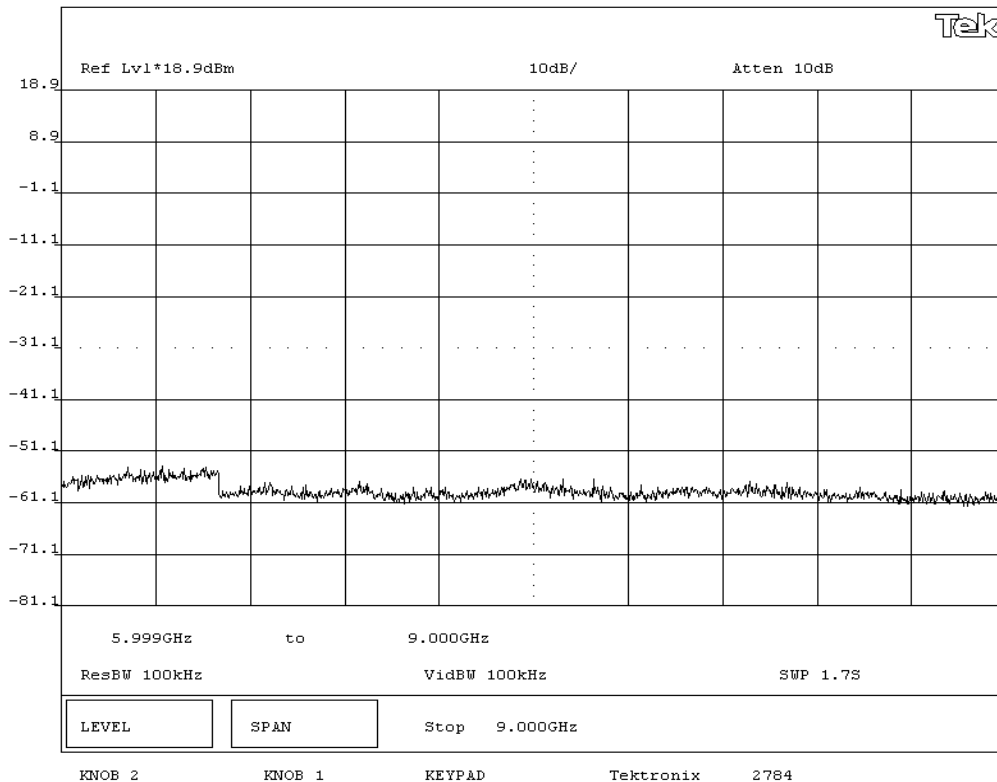
Pass

SIGNATURE

Tested By: 

DESCRIPTION OF TEST

Antenna Conducted Spurious Emissions - High Channel 15GHz-25GHz



Spurious RF Conducted Emissions

Output Power Set to -24 dBm

NORTHWEST
EMC

EMISSIONS DATA SHEET

Rev BETA
01/20/01

EUT: IDEN Radio	Work Order: RAF 40007
Serial Number: 148	Date: 08/22/01
Customer: RadioFrame Networks	Temperature: 23 degrees C
Attendees: Dean Busch	Tested by: Greg Kiemel
Customer Ref. No.: N/A	Power: 120 V, 60 Hz (host)
	Humidity: 38% RH
	Job Site: Customer

TEST SPECIFICATIONS			
Specification: 47 CFR 90.691	Year: Most Current	Method: TIA / EIA - 603	Year: Most Current

SAMPLE CALCULATIONS

COMMENTS

EUT OPERATING MODES
Modulated by 16 QAM. Max Output powered measured at -24 dBm.

DEVIATIONS FROM TEST STANDARD

None


REQUIREMENTS

Maximum level of any spurious emission must be attenuated below the specified emission mask.

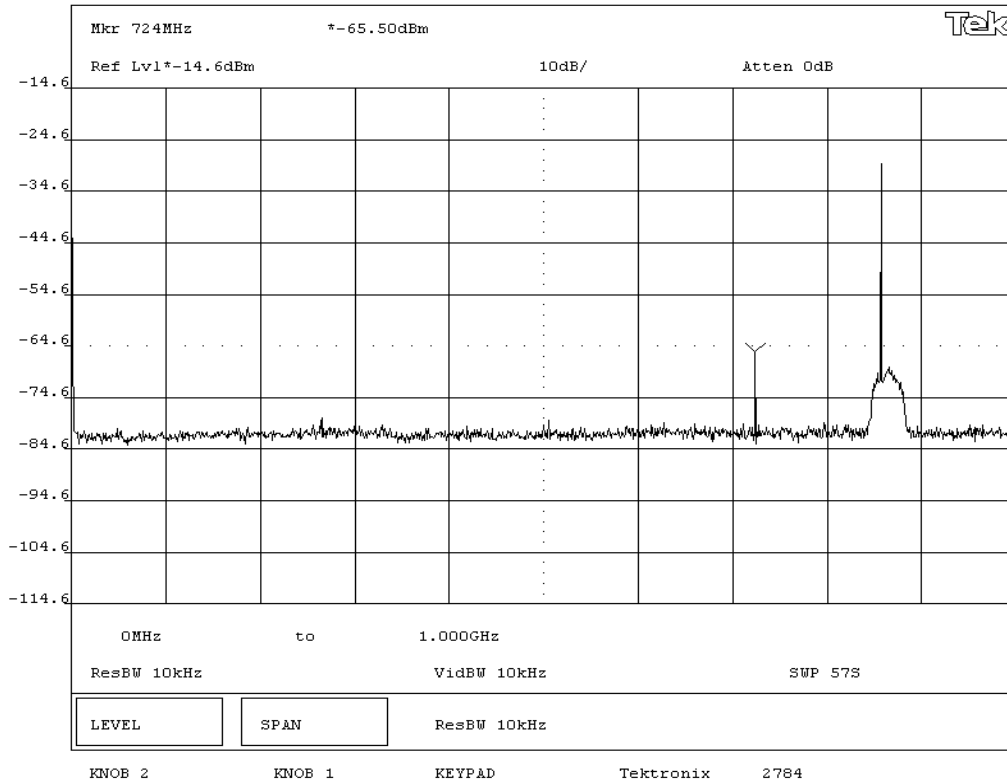
RESULTS


Pass

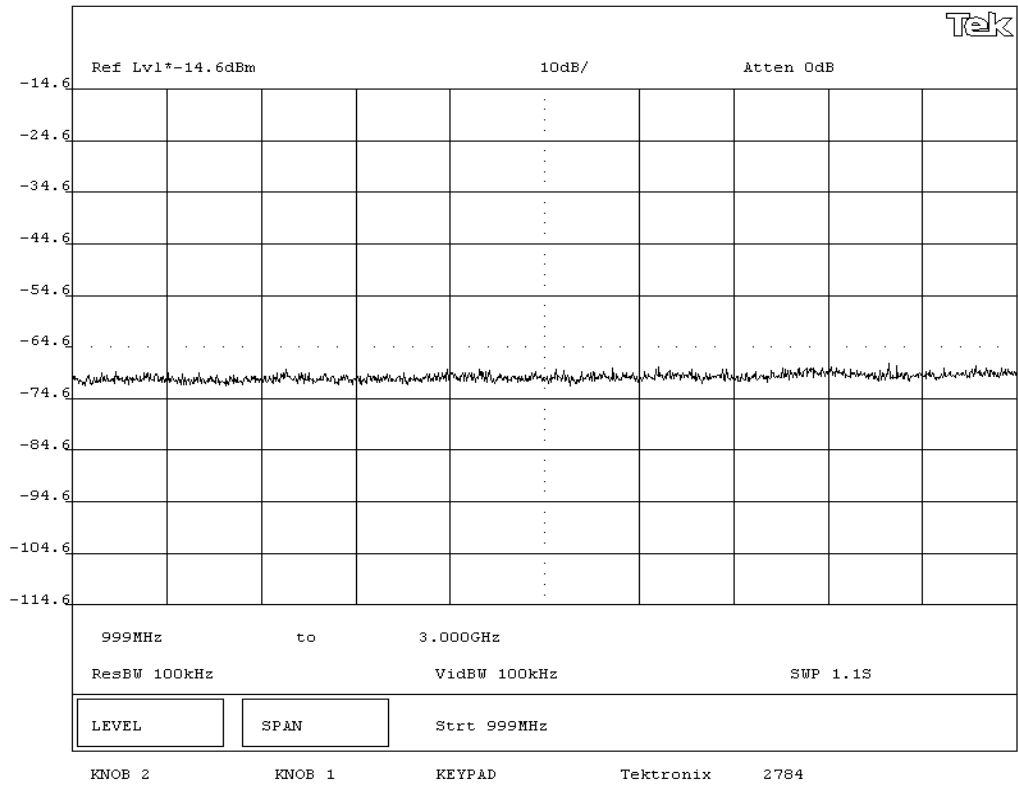
SIGNATURE

Tested By: 

DESCRIPTION OF TEST
Antenna Conducted Spurious Emissions - Low Channel 0MHz-1GHz



NORTHWEST EMC		EMISSIONS DATA SHEET		Rev BETA 01/20/01
EUT: IDEN Radio	Work Order: RAF 40007			
Serial Number: 148	Date: 08/22/01			
Customer: RadioFrame Networks	Temperature: 23 degrees C			
Attendees: Dean Busch	Tested by: Greg Kiemel	Humidity: 38% RH		
Customer Ref. No.: N/A	Power: 120 V, 60 Hz (host)	Job Site: Customer		
TEST SPECIFICATIONS				
Specification: 47 CFR 90.691	Year: Most Current	Method: TIA / EIA - 603	Year: Most Current	
SAMPLE CALCULATIONS				
COMMENTS				
EUT OPERATING MODES				
Modulated by 16 QAM. Max Output powered measured at -24 dBm.				
DEVIATIONS FROM TEST STANDARD				
None				
REQUIREMENTS				
Maximum level of any spurious emission must be attenuated below the specified emission mask.				
RESULTS				
Pass				
SIGNATURE				
 Tested By: _____				
DESCRIPTION OF TEST				
Antenna Conducted Spurious Emissions - Low Channel 1GHz-3GHz				



NORTHWEST
EMC

EMISSIONS DATA SHEET

Rev BETA
01/20/01

EUT: IDEN Radio	Work Order: RAF 10007
Serial Number: 148	Date: 08/22/01
Customer: RadioFrame Networks	Temperature: 23 degrees C
Attendees: Dean Busch	Tested by: Greg Kiemel
Customer Ref. No.: N/A	Power: 120 V, 60 Hz (host)
	Humidity: 38% RH
	Job Site: Customer

TEST SPECIFICATIONS			
Specification: 47 CFR 90.691	Year: Most Current	Method: TIA / EIA - 603	Year: Most Current

SAMPLE CALCULATIONS

COMMENTS

EUT OPERATING MODES
Modulated by 16 QAM. Max Output powered measured at -24 dBm.

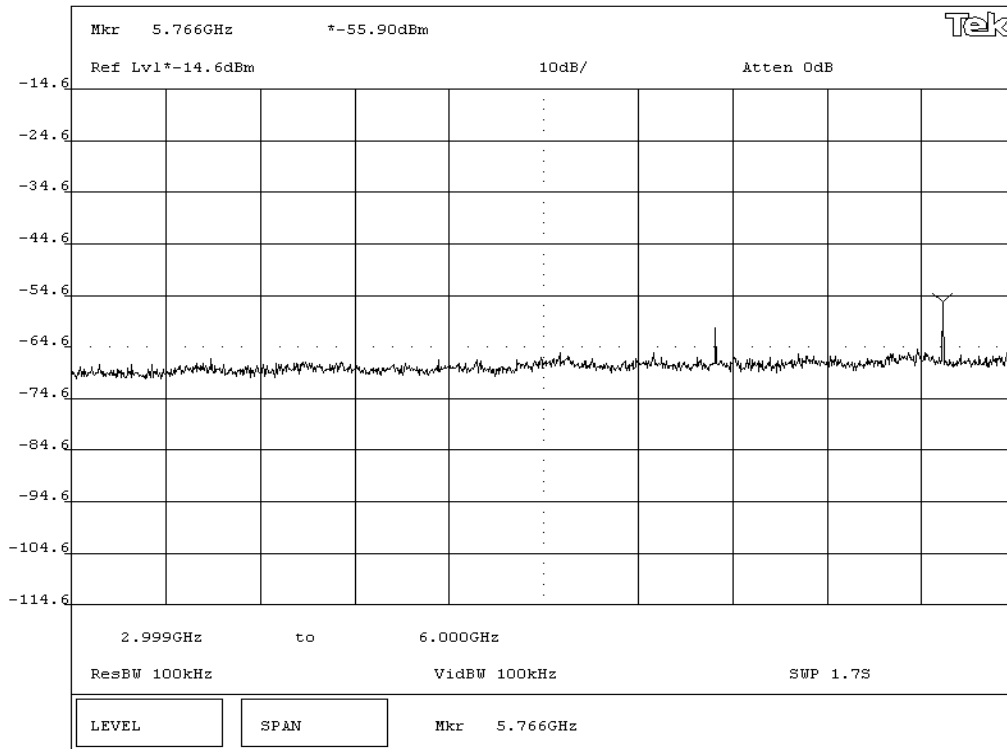
DEVIATIONS FROM TEST STANDARD
None

REQUIREMENTS
Maximum level of any spurious emission must be attenuated below the specified emission mask.

RESULTS
Pass

SIGNATURE
Tested By: *JK*

DESCRIPTION OF TEST
Antenna Conducted Spurious Emissions - Low Channel 3GHz-6GHz



NORTHWEST
EMC

EMISSIONS DATA SHEET

Rev BETA
01/20/01

EUT: IDEN Radio	Work Order: RAF 10007
Serial Number: 148	Date: 08/22/01
Customer: RadioFrame Networks	Temperature: 23 degrees C
Attendees: Dean Busch	Tested by: Greg Kiemel
Customer Ref. No.: N/A	Power: 120 V, 60 Hz (host)
	Humidity: 38% RH
	Job Site: Customer

TEST SPECIFICATIONS			
Specification: 47 CFR 90.691	Year: Most Current	Method: TIA / EIA - 603	Year: Most Current

SAMPLE CALCULATIONS

COMMENTS

EUT OPERATING MODES
Modulated by 16 QAM. Max Output powered measured at -24 dBm.

DEVIATIONS FROM TEST STANDARD

None


REQUIREMENTS

Maximum level of any spurious emission must be attenuated below the specified emission mask.

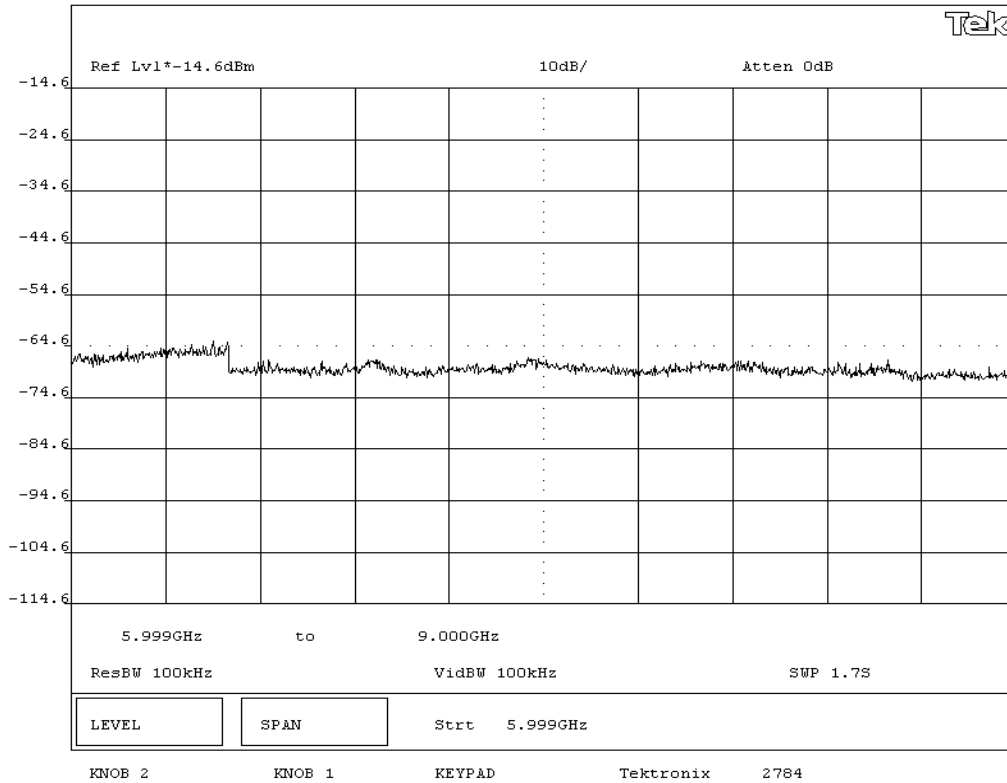
RESULTS

Pass

SIGNATURE

Tested By: 

DESCRIPTION OF TEST
Antenna Conducted Spurious Emissions - Low Channel 6GHz - 9GHz



NORTHWEST
EMC

EMISSIONS DATA SHEET

Rev BETA
01/20/01

EUT: IDEN Radio	Work Order: RAF 10007
Serial Number: 148	Date: 08/22/01
Customer: RadioFrame Networks	Temperature: 23 degrees C
Attendees: Dean Busch	Tested by: Greg Kiemel
Customer Ref. No.: N/A	Power: 120 V, 60 Hz (host)
	Humidity: 38% RH
	Job Site: Customer

TEST SPECIFICATIONS			
Specification: 47 CFR 90.691	Year: Most Current	Method: TIA / EIA - 603	Year: Most Current

SAMPLE CALCULATIONS

COMMENTS

EUT OPERATING MODES
Modulated by 16 QAM. Max Output powered measured at -24 dBm.

DEVIATIONS FROM TEST STANDARD
None

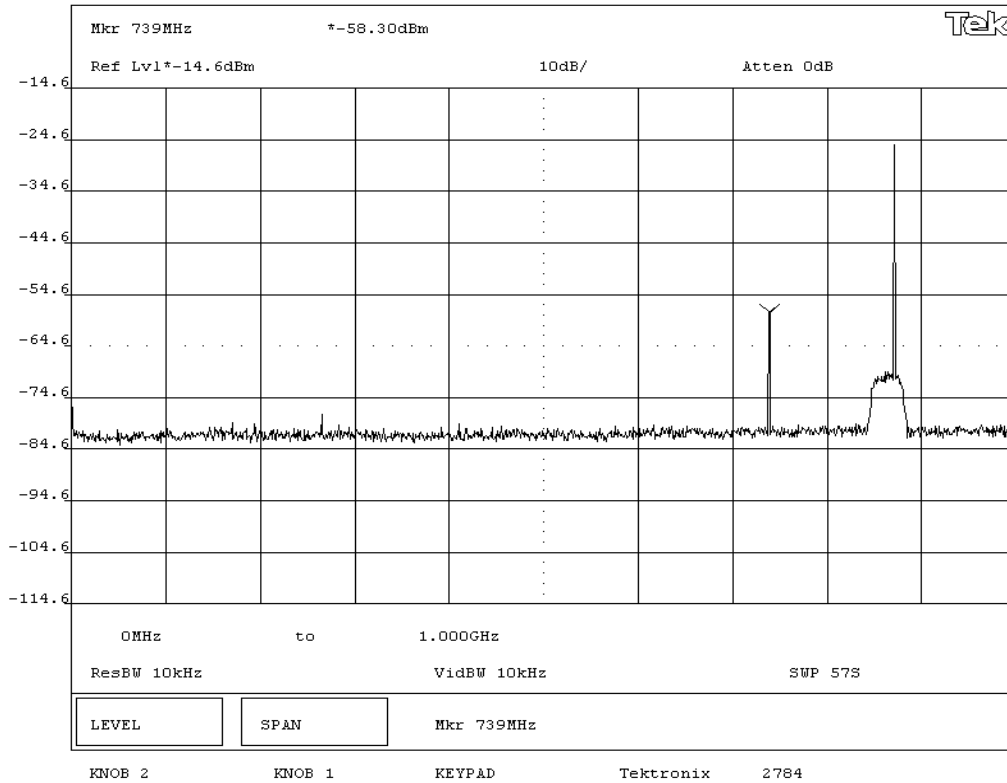
REQUIREMENTS
Maximum level of any spurious emission must be attenuated below the specified emission mask.

RESULTS
Pass

SIGNATURE

Tested By: _____

DESCRIPTION OF TEST
Antenna Conducted Spurious Emissions - Mid Channel 0MHz-1GHz



NORTHWEST
EMC

EMISSIONS DATA SHEET

Rev BETA
01/20/01

EUT: IDEN Radio	Work Order: RAF0007
Serial Number: 148	Date: 08/22/01
Customer: RadioFrame Networks	Temperature: 23 degrees C
Attendees: Dean Busch	Humidity: 38% RH
Tested by: Greg Kiemel	Job Site: Customer
Customer Ref. No.: N/A	Power: 120 V, 60 Hz (host)

TEST SPECIFICATIONS
Specification: 47 CFR 90.691 Year: Most Current Method: TIA / EIA - 603 Year: Most Current

SAMPLE CALCULATIONS

COMMENTS

EUT OPERATING MODES
Modulated by 16 QAM. Max Output powered measured at -24 dBm.

DEVIATIONS FROM TEST STANDARD
None

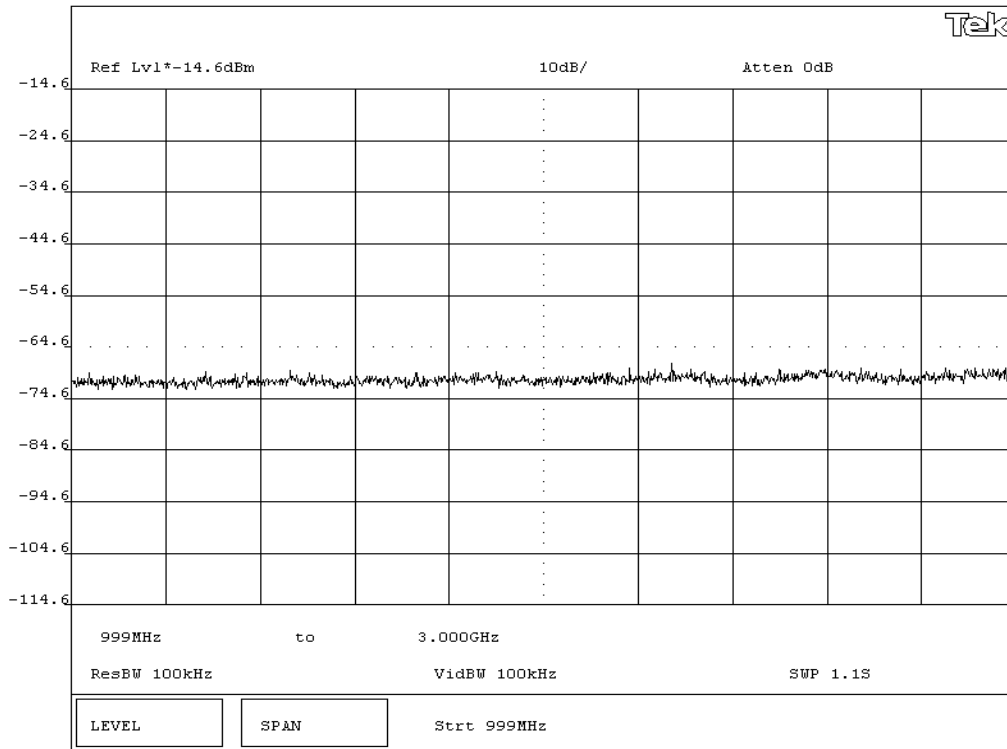
REQUIREMENTS
Maximum level of any spurious emission must be attenuated below the specified emission mask.

RESULTS
Pass

SIGNATURE

Tested By: _____

DESCRIPTION OF TEST
Antenna Conducted Spurious Emissions - Mid Channel 1GHz-3GHz



KNOB 2 KNOB 1 KEYPAD Tektronix 2784

NORTHWEST
EMC

EMISSIONS DATA SHEET

Rev BETA
01/20/01

EUT: IDEN Radio	Work Order: RAF 0007
Serial Number: 148	Date: 08/22/01
Customer: RadioFrame Networks	Temperature: 23 degrees C
Attendees: Dean Busch	Tested by: Greg Kiemel
Customer Ref. No.: N/A	Power: 120 V, 60 Hz (host)
	Humidity: 38% RH
	Job Site: Customer

TEST SPECIFICATIONS			
Specification: 47 CFR 90.691	Year: Most Current	Method: TIA / EIA - 603	Year: Most Current

SAMPLE CALCULATIONS

COMMENTS

EUT OPERATING MODES
Modulated by 16 QAM. Max Output powered measured at -24 dBm.

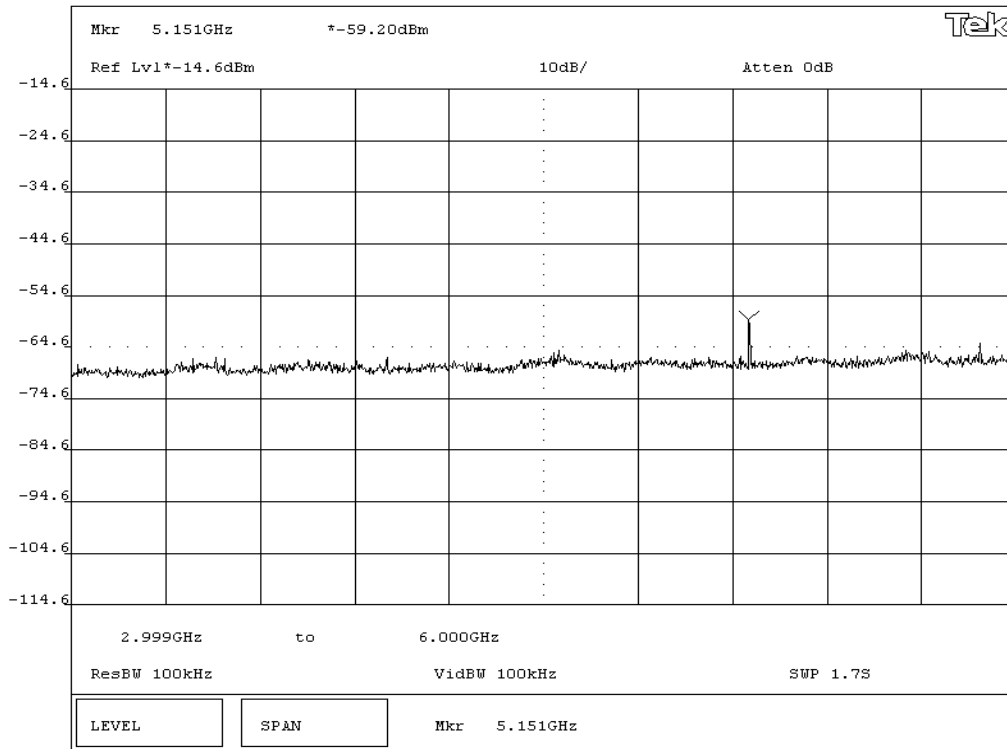
DEVIATIONS FROM TEST STANDARD
None

REQUIREMENTS
Maximum level of any spurious emission must be attenuated below the specified emission mask.

RESULTS
Pass

SIGNATURE
Tested By: *JKP*

DESCRIPTION OF TEST
Antenna Conducted Spurious Emissions - Mid Channel 3GHz - 6GHz



NORTHWEST
EMC

EMISSIONS DATA SHEET

Rev BETA
01/20/01

EUT: IDEN Radio	Work Order: RAF 10007
Serial Number: 148	Date: 08/22/01
Customer: RadioFrame Networks	Temperature: 23 degrees C
Attendees: Dean Busch	Humidity: 38% RH
Tested by: Greg Kiemel	Job Site: Customer
Customer Ref. No.: N/A	Power: 120 V, 60 Hz (host)

TEST SPECIFICATIONS			
Specification: 47 CFR 90.691	Year: Most Current	Method: TIA / EIA - 603	Year: Most Current

SAMPLE CALCULATIONS

COMMENTS

EUT OPERATING MODES
Modulated by 16 QAM. Max Output powered measured at -24 dBm.

DEVIATIONS FROM TEST STANDARD
None

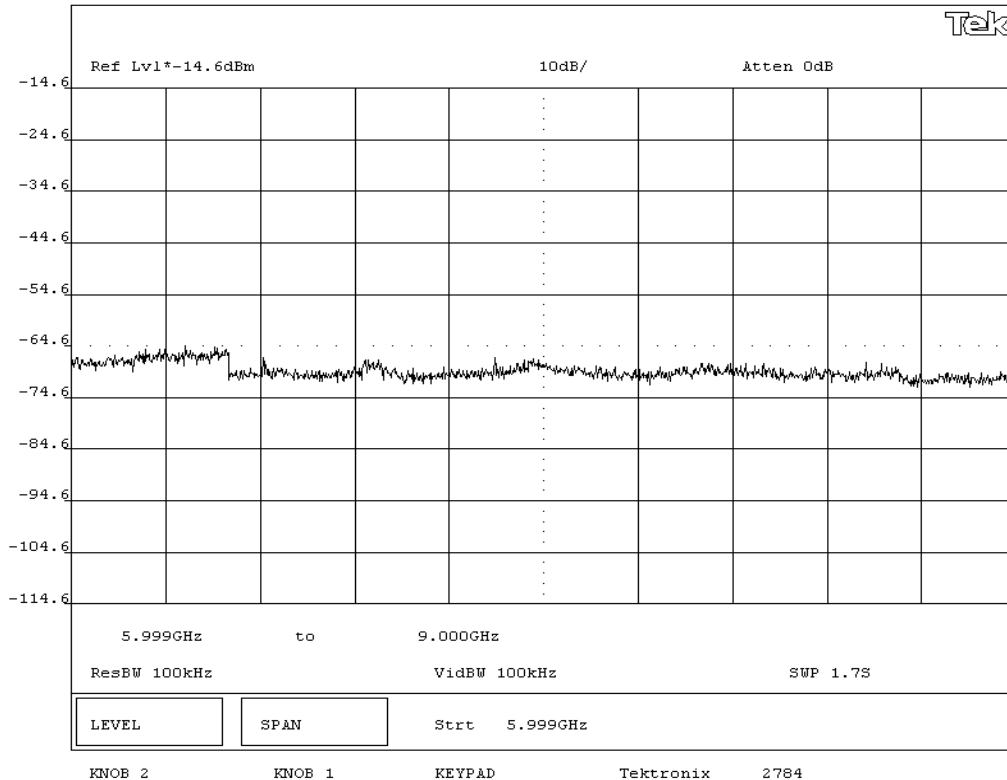
REQUIREMENTS
Maximum level of any spurious emission must be attenuated below the specified emission mask.

RESULTS
Pass

SIGNATURE

Tested By: _____

DESCRIPTION OF TEST
Antenna Conducted Spurious Emissions - Mid Channel 6GHz-9GHz



NORTHWEST
EMC

EMISSIONS DATA SHEET

Rev BETA
01/20/01

EUT: IDEN Radio	Work Order: RAF 0007
Serial Number: 148	Date: 08/22/01
Customer: RadioFrame Networks	Temperature: 23 degrees C
Attendees: Dean Busch	Tested by: Greg Kiemel
Customer Ref. No.: N/A	Power: 120 V, 60 Hz (host)
	Humidity: 38% RH
	Job Site: Customer

TEST SPECIFICATIONS			
Specification: 47 CFR 90.691	Year: Most Current	Method: TIA / EIA - 603	Year: Most Current

SAMPLE CALCULATIONS

COMMENTS

EUT OPERATING MODES
Modulated by 16 QAM. Max Output powered measured at -24 dBm.

DEVIATIONS FROM TEST STANDARD

None


REQUIREMENTS

Maximum level of any spurious emission must be attenuated below the specified emission mask.

RESULTS

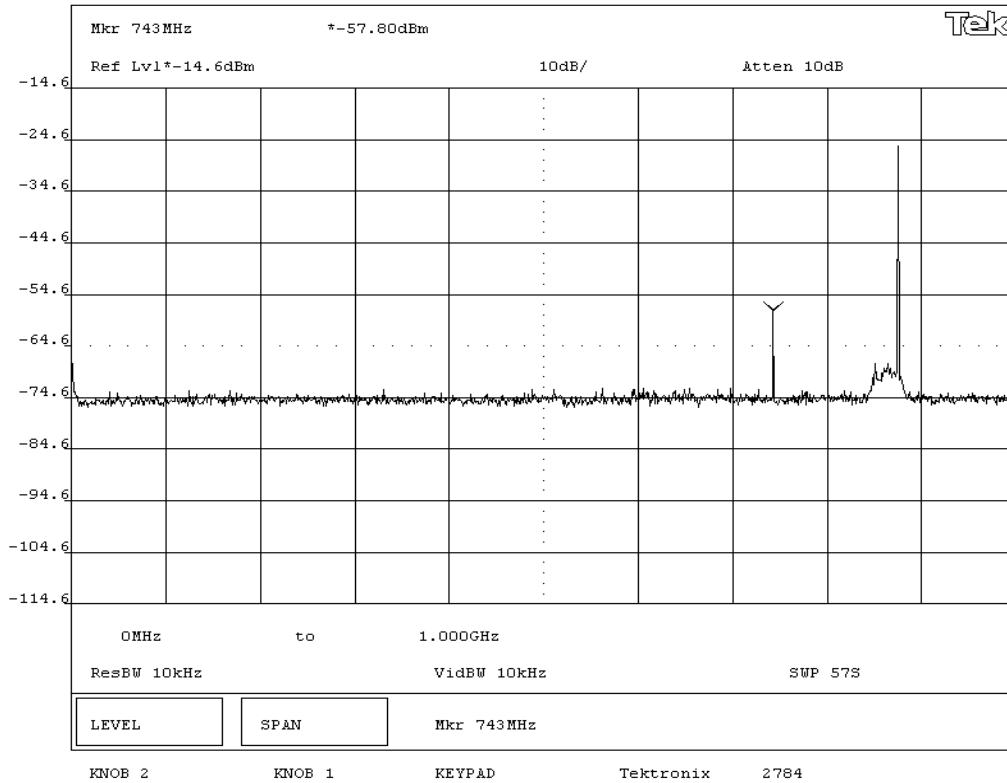
Pass

SIGNATURE

Tested By: 

DESCRIPTION OF TEST

Antenna Conducted Spurious Emissions - High Channel 0MHz-1GHz



NORTHWEST
EMC

EMISSIONS DATA SHEET

Rev BETA
01/20/01

EUT: IDEN Radio	Work Order: RAF 10007
Serial Number: 148	Date: 08/22/01
Customer: RadioFrame Networks	Temperature: 23 degrees C
Attendees: Dean Busch	Tested by: Greg Kiemel
Customer Ref. No.: N/A	Power: 120 V, 60 Hz (host)
	Humidity: 38% RH
	Job Site: Customer

TEST SPECIFICATIONS			
Specification: 47 CFR 90.691	Year: Most Current	Method: TIA / EIA - 603	Year: Most Current

SAMPLE CALCULATIONS

COMMENTS

EUT OPERATING MODES
Modulated by 16 QAM. Max Output powered measured at -24 dBm.

DEVIATIONS FROM TEST STANDARD

None

REQUIREMENTS

Maximum level of any spurious emission must be attenuated below the specified emission mask.

RESULTS

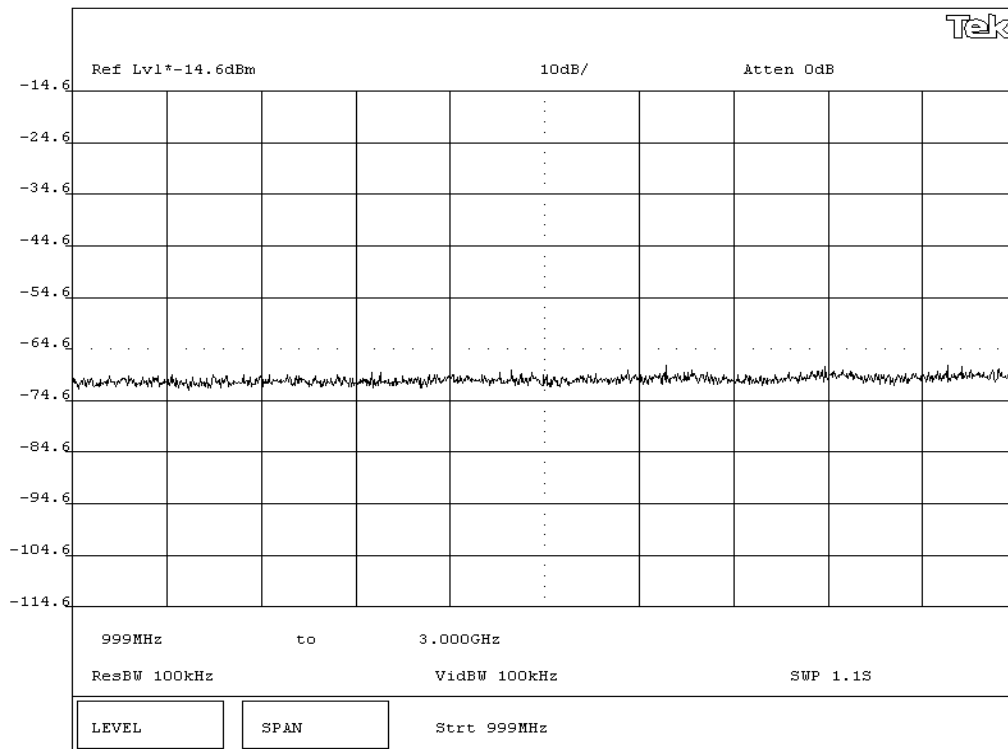
Pass

SIGNATURE

Tested By: *Greg Kiemel*

DESCRIPTION OF TEST

Antenna Conducted Spurious Emissions - High Channel 1GHz-3GHz



NORTHWEST
EMC

EMISSIONS DATA SHEET

Rev BETA
01/20/01

EUT: IDEN Radio	Work Order: RAF#0007
Serial Number: 148	Date: 08/22/01
Customer: RadioFrame Networks	Temperature: 23 degrees C
Attendees: Dean Busch	Tested by: Greg Kiemel Humidity: 38% RH
Customer Ref. No.: N/A	Power: 120 V, 60 Hz (host) Job Site: Customer

TEST SPECIFICATIONS

Specification: 47 CFR 90.691	Year: Most Current	Method: TIA / EIA - 603	Year: Most Current
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SAMPLE CALCULATIONS

COMMENTS

EUT OPERATING MODES
Modulated by 16 QAM. Max Output powered measured at -24 dBm.

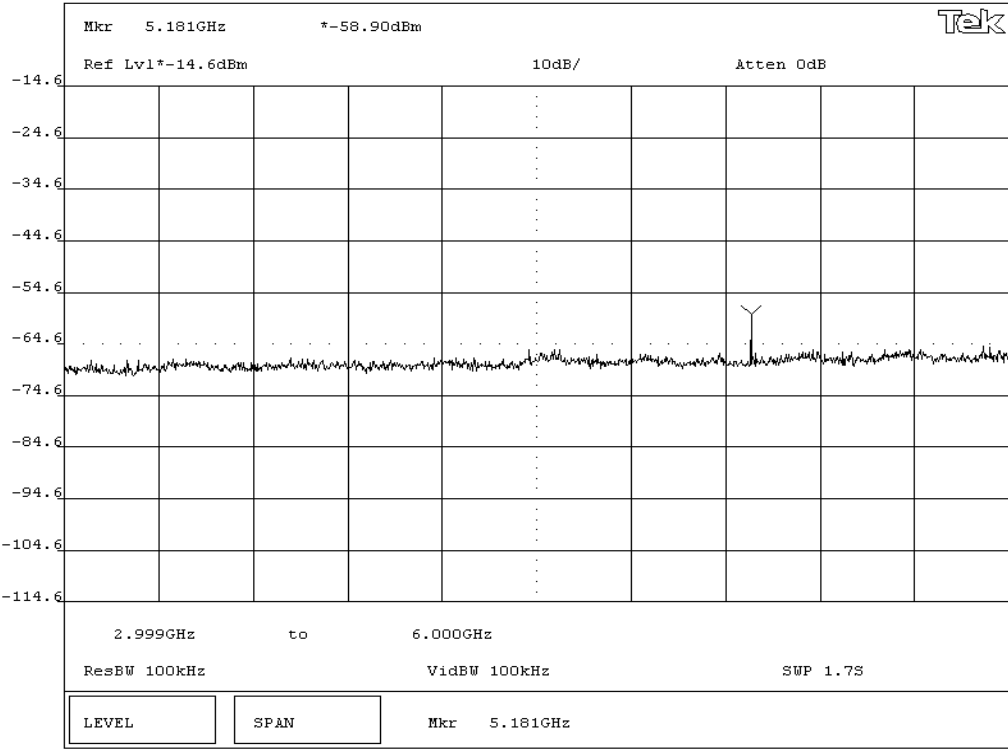
DEVIATIONS FROM TEST STANDARD
None

REQUIREMENTS
Maximum level of any spurious emission must be attenuated below the specified emission mask.

RESULTS
Pass

SIGNATURE
Tested By: *Greg Kiemel*

DESCRIPTION OF TEST
Antenna Conducted Spurious Emissions - High Channel 3GHz-6GHz



NORTHWEST
EMC

EMISSIONS DATA SHEET

Rev BETA
01/20/01

EUT: IDEN Radio	Work Order: RAF 10007
Serial Number: 148	Date: 08/22/01
Customer: RadioFrame Networks	Temperature: 23 degrees C
Attendees: Dean Busch	Tested by: Greg Kiemel
Customer Ref. No.: N/A	Power: 120 V, 60 Hz (host)
	Humidity: 38% RH
	Job Site: Customer

TEST SPECIFICATIONS			
Specification: 47 CFR 90.691	Year: Most Current	Method: TIA / EIA - 603	Year: Most Current

SAMPLE CALCULATIONS

COMMENTS

EUT OPERATING MODES
Modulated by 16 QAM. Max Output powered measured at -24 dBm.

DEVIATIONS FROM TEST STANDARD
None

REQUIREMENTS
Maximum level of any spurious emission must be attenuated below the specified emission mask.

RESULTS
Pass

SIGNATURE

Tested By: _____

DESCRIPTION OF TEST
Antenna Conducted Spurious Emissions - High Channel 6GHz-9GHz

