849 NW STATE ROAD 45
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FCC PART 90

700/800 MHz

TEST REPORT

APPLICANT	**UNICATION CO., LTD.**
ADDRESS	**5F, NO.6, WU-KUNG 5 RD. HSINCHUANG CITY, TAIPEI TAIWAN**
FCC ID	**LEA-U3-700-800**
MODEL NUMBER	**U3-700-800**
PRODUCT DESCRIPTION	UHF 700/800 PTT RADIO W/GPS & BT
DATE SAMPLE RECEIVED	7/29/2015
FINAL TEST DATE	8/24/2015
TESTED BY	Cory Leverett
APPROVED BY	Sid Sanders
TEST RESULTS	☒ PASS ☐ FAIL

Report Number	Version Number	Description	Issue Date
1272AUT15TestReport	Rev1	Initial Issue	8/25/2015

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GENERAL REMARKS

The attached report shall not be reproduced except in full without the written permission of Timco Engineering Inc.

Summary

The device under test does:

☒ Fulfill the general approval requirements as identified in this test report
☐ Not fulfill the general approval requirements as identified in this test report

Attestations

This equipment has been tested in accordance with the standards identified in this test report. To the best of my knowledge and belief, these tests were performed using the measurement procedures described in this report.

All instrumentation and accessories used to test products for compliance to the indicated standards are calibrated regularly in accordance with ISO 17025 requirements.

I attest that the necessary measurements were made, under my supervision, at:

Timco Engineering Inc.
849 NW State Road 45
Newberry, FL 32669

Authorized Signatory Name: _____

Project Manager/Testing Technician

Date: 8/25/2015

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GENERAL INFORMATION

EUT Specification

EUT Description	**700-800 MHZ PORTABLE TRANSCEIVER**
FCC ID	**LEA-U3-700-800**
Model Number	**U3-700-800**
Operating Frequency	769-775, 799-805, 806-824, 851-869 MHz
Test Frequencies	769.05, 772.05, 774.95, 799.05, 802.05, 804.95, 806.05, 815.05, 823.95, 851.05, 860.05, 868.95 MHz
Type of Emission	16K0F3E, 14K0F3E, 11K0F3E, 8K17F1E, 8K17F1D, 8K87F2E, 7K80FXE, 7K80FXD, 7K80FXW, 5K41F2E
Modulation	FM
EUT Power Source	☐ 110–120Vac/50– 60Hz
	☐ DC Power 12V
	☒ Battery Operated Exclusively
Test Item	☐ Prototype
	☒ Pre-Production
	☐ Production
Type of Equipment	☐ Fixed
	☐ Mobile
	☒ Portable
Test Conditions	Temperature: 24-26ºC Relative Humidity: 50 - 65%.
Modification to the EUT	None
Test Exercise	The EUT was operated in a normal mode.
Regulatory Standard	FCC CFR 47 Part 90, 90R, 90S
Measurement Standard	ANSI/TIA 603-D:2010
Test Facility	Timco Engineering Inc. at 849 NW State Road 45 Newberry, FL 32669 USA.

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TEST RESULTS SUMMARY

Test Description	FCC RULE PART NO.	RESULT
Modulation Characteristics	2.1047(a)(b)	Pass
RF Power Output	2.1046(a), 90.541(d), 90.542(a)(7), 90.635(b)	Pass
Occupied Bandwidth	2.1049(c)(h), 90.210(b)(g)(h), 90.691	Pass
Adjacent Channel Power	90.543(a)	Pass
Spurious Emissions at Antenna Terminal	2.1051(a), 90.210(b)(g)(h), 90.691, 90.543(c)	Pass
Field Strength of Spurious Radiation	2.1053, 90.210(b)(g)(h), 90.691, 90.543(c)	Pass
Frequency Stability	2.1055, 90.213, 90.539(c)	Pass

RF POWER OUTPUT

Rule Part No.: Part 2.1046(a), Part 90.541(d), 90.635(b)

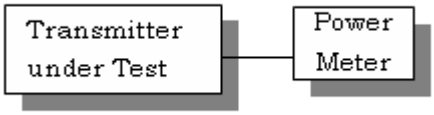
Test Requirements:

769-775 MHz and 799-805 MHz frequency bands
The transmitting power of a portable (hand-held) unit must not exceed 3 watts ERP.

806-824 and 851-869 MHz frequency bands.
The maximum output power of the transmitter for mobile stations is 100 watts

Method of Measurement: RF power is measured by using a 50-ohm, resistive wattmeter to the RF output connector. With a nominal battery voltage (if battery operated), or a properly adjusted power supply (if not battery operated), and the transmitter properly adjusted the RF output measures:

Test Setup Diagram:



Test Data:

	RF POWER (dBm)	
Tuned Frequency (MHz)	HI	LOW
769.05	34.7	-
772.05	34.7	-
774.95	34.7	-
799.05	34.7	-
802.05	34.7	-
804.95	34.7	-
806.05	35.5	-
815.05	35.5	-
823.95	35.5	-
851.05	35.5	-
860.05	35.5	-
868.95	35.5	-

Part 2.1033 (C) (8) DC Input into the final amplifier

FOR HIGH POWER SETTING INPUT POWER: (7.2V) (1.3A) = 9.36Watts

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MODULATION CHARACTERISTICS

Part 2.1033(c)
Part 2.1033(c) (4) Type of Emission: 11K2F1D, 11K2F2D, and 11K2F3E
FCC Part 90.209
FCC Part 90.207
DMR TDMA

BANDWIDTH CALCUATION

Type of Emission: 11K2F3E
Bn = 2M + 2DK
M = 3000
D = 2100
K=1
Bn = 2(3000) +2(2100) = 10.2k

Type of Emission: 16K0F3E
Bn = 2M + 2DK
M = 3000
D = 4700
K=1
Bn = 2(3000) +2(4700) = 15.4k

And

Type of Emission: 11K2F1D
Bn = 2(DR/2) + 2DK
M = 9600
D = 4700
K=1
Bn = 2(9600/2) +2(700) = 11.2k

Type of Emission: 11K2F2D
Bn = 2(DR/2) + 2DK
M = 9600
D = 800
K=1
Bn = 2(9600/2) +2(700) = 9600+ 1600 = 11.2k

APCO 25 modulation phase 1 as defined in ANSI/ TIA-102.BABA.

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MODULATION CHARACTERISTICS

AUDIO FREQUENCY RESPONSE

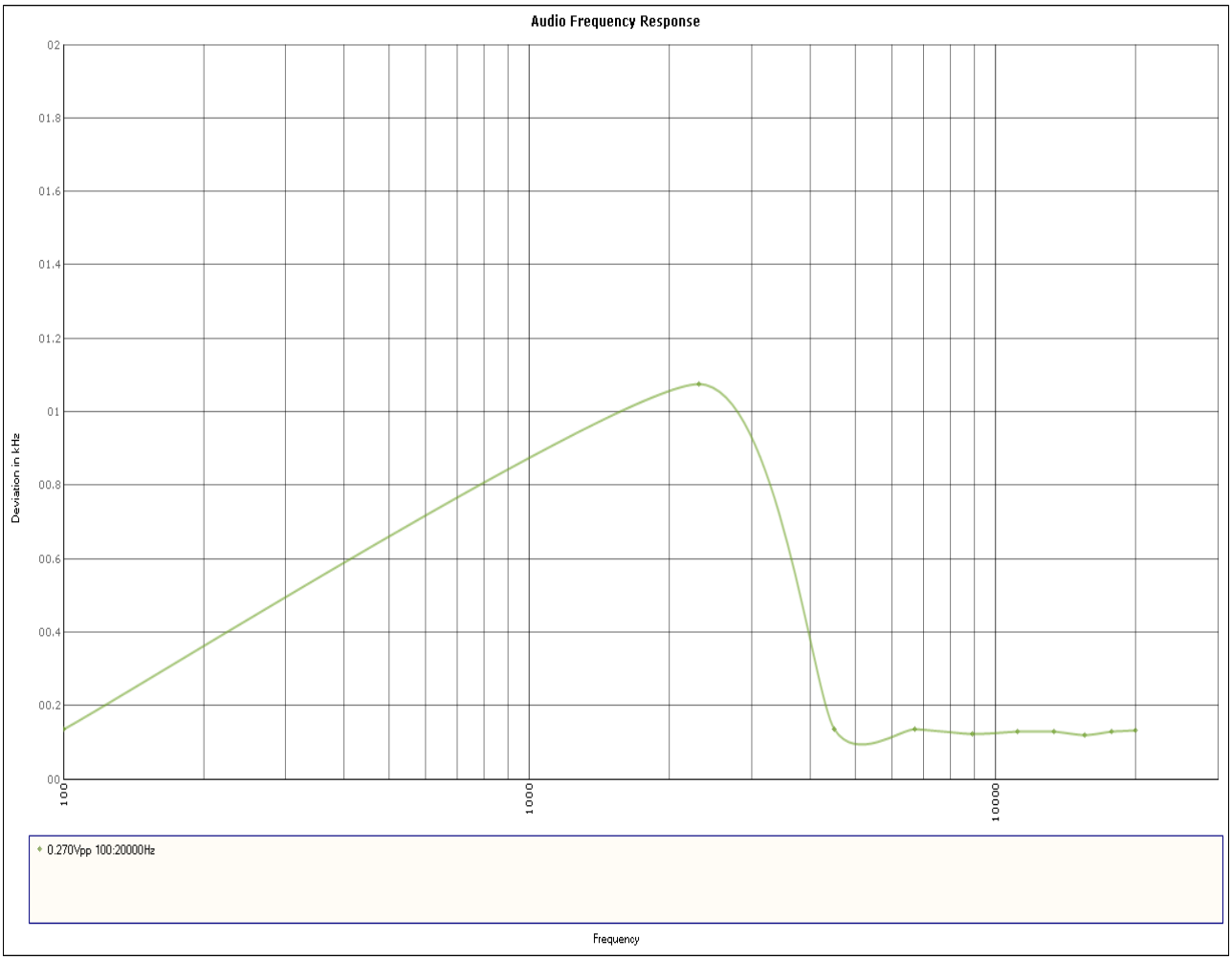
Rule Part No.: Part 2.1047(a) (b)

Test Requirements: Reporting Only

Method of Measurement: ANSI/TIA-603 § 2.2.6 Audio Frequency Response

TEST DATA:

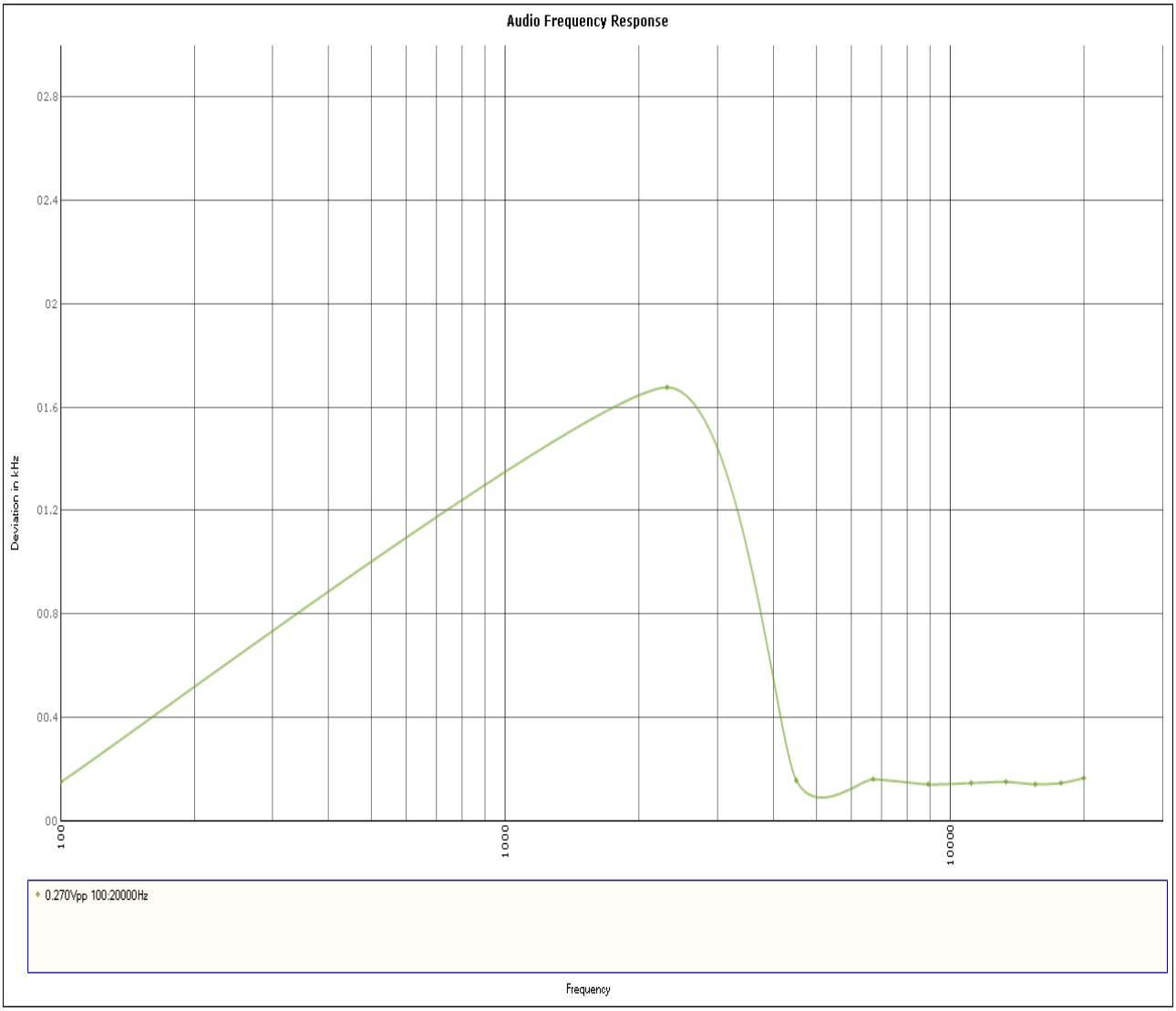
AUDIO FREQUENCY RESPONSE – 12.5 kHz



MODULATION CHARACTERISTICS

AUDIO FREQUENCY RESPONSE

AUDIO FREQUENCY RESPONSE – 20 kHz



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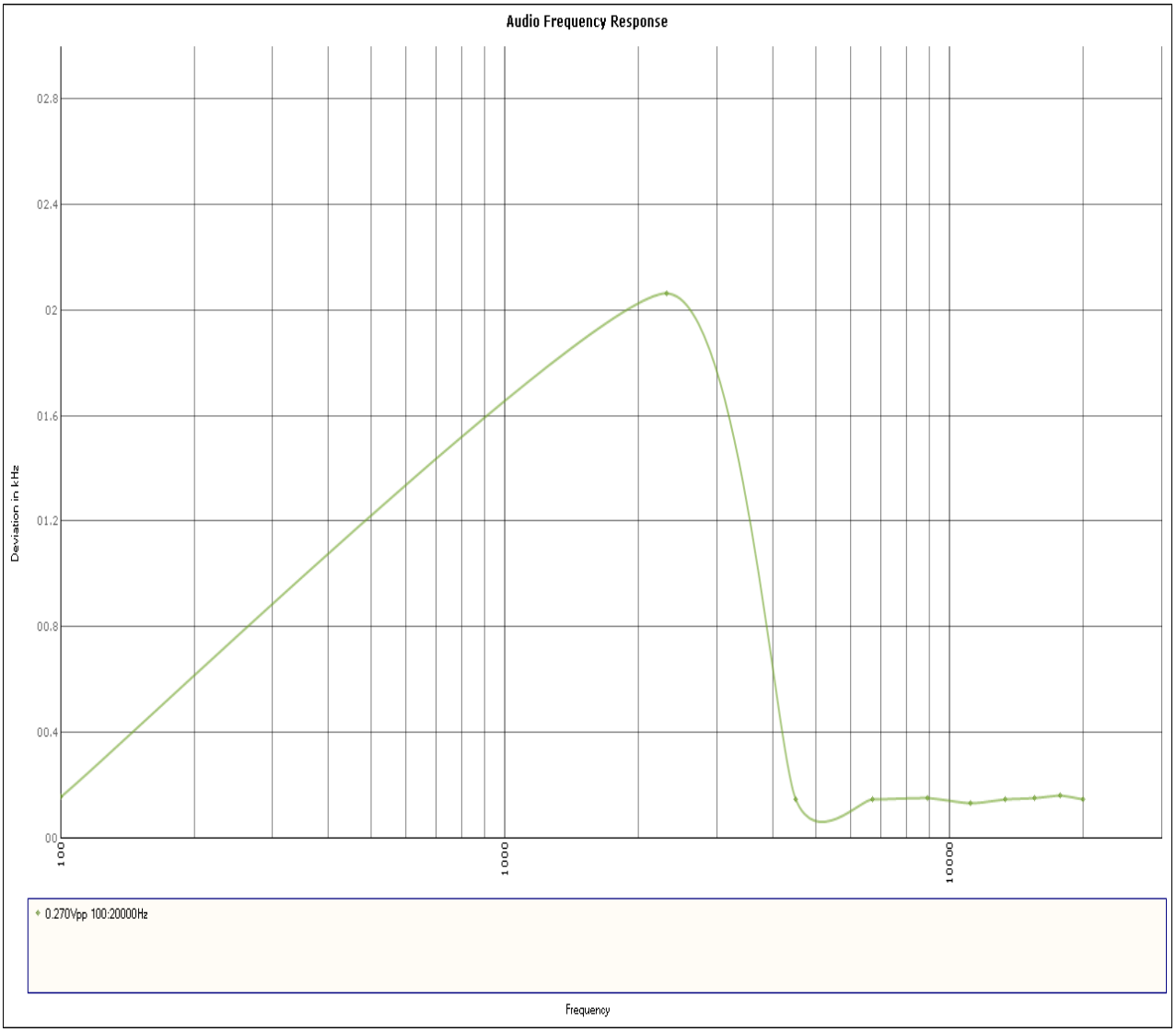
MODULATION CHARACTERISTICS

AUDIO FREQUENCY RESPONSE

AUDIO FREQUENCY RESPONSE – 25 kHz



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MODULATION CHARACTERISTICS

AUDIO LOW PASS FILTER

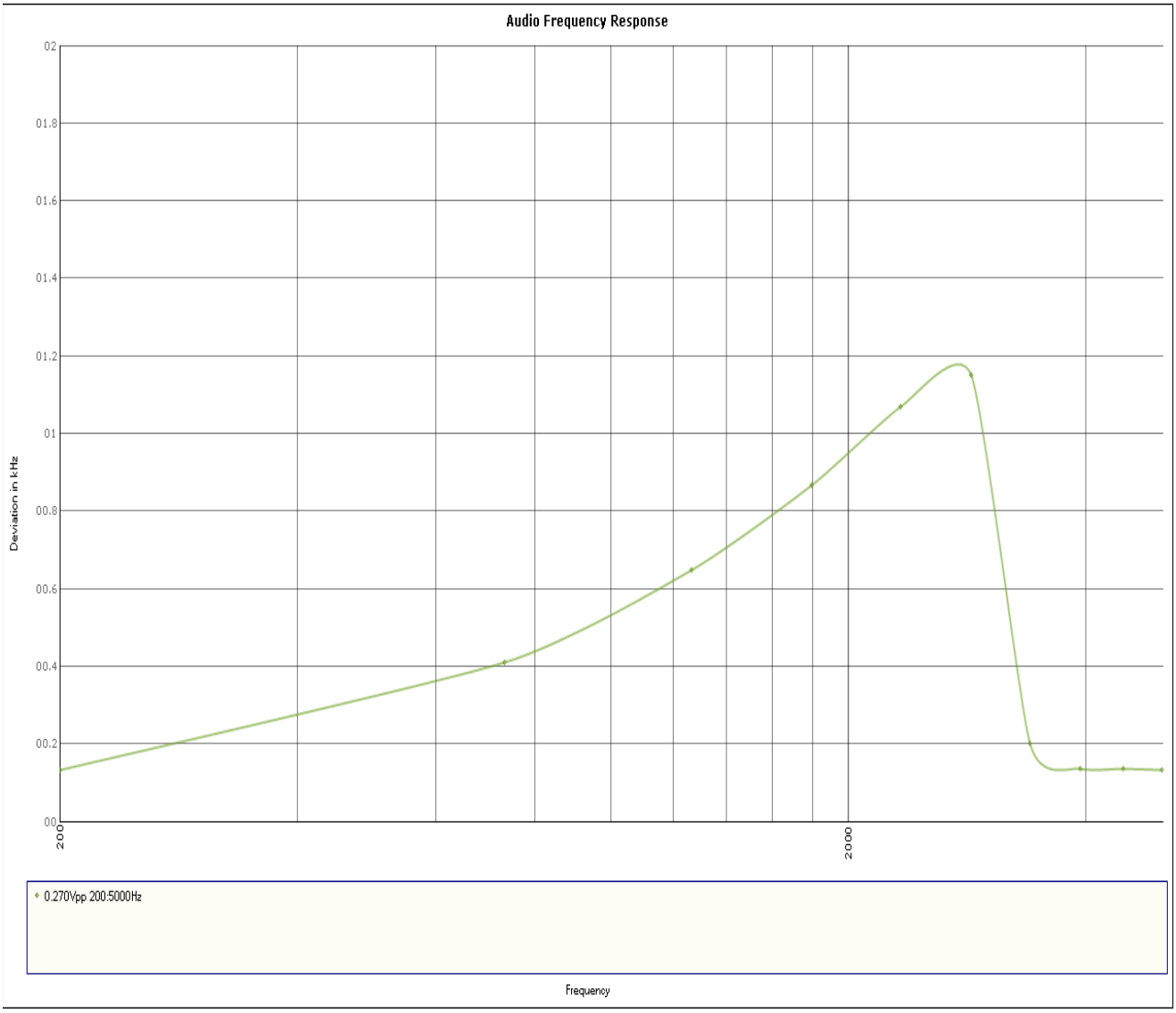
Rule Part No.: Part 2.1047(a) (b)

Test Requirements: For equipment required to have an audio low-pass filter, a curve showing the frequency response of the filter or of all the circuitry installed between the modulation limiter and the modulated stage shall be submitted.

Method of Measurement: ANSI/TIA-603 § 2.2.15 Audio Low pass filter Response

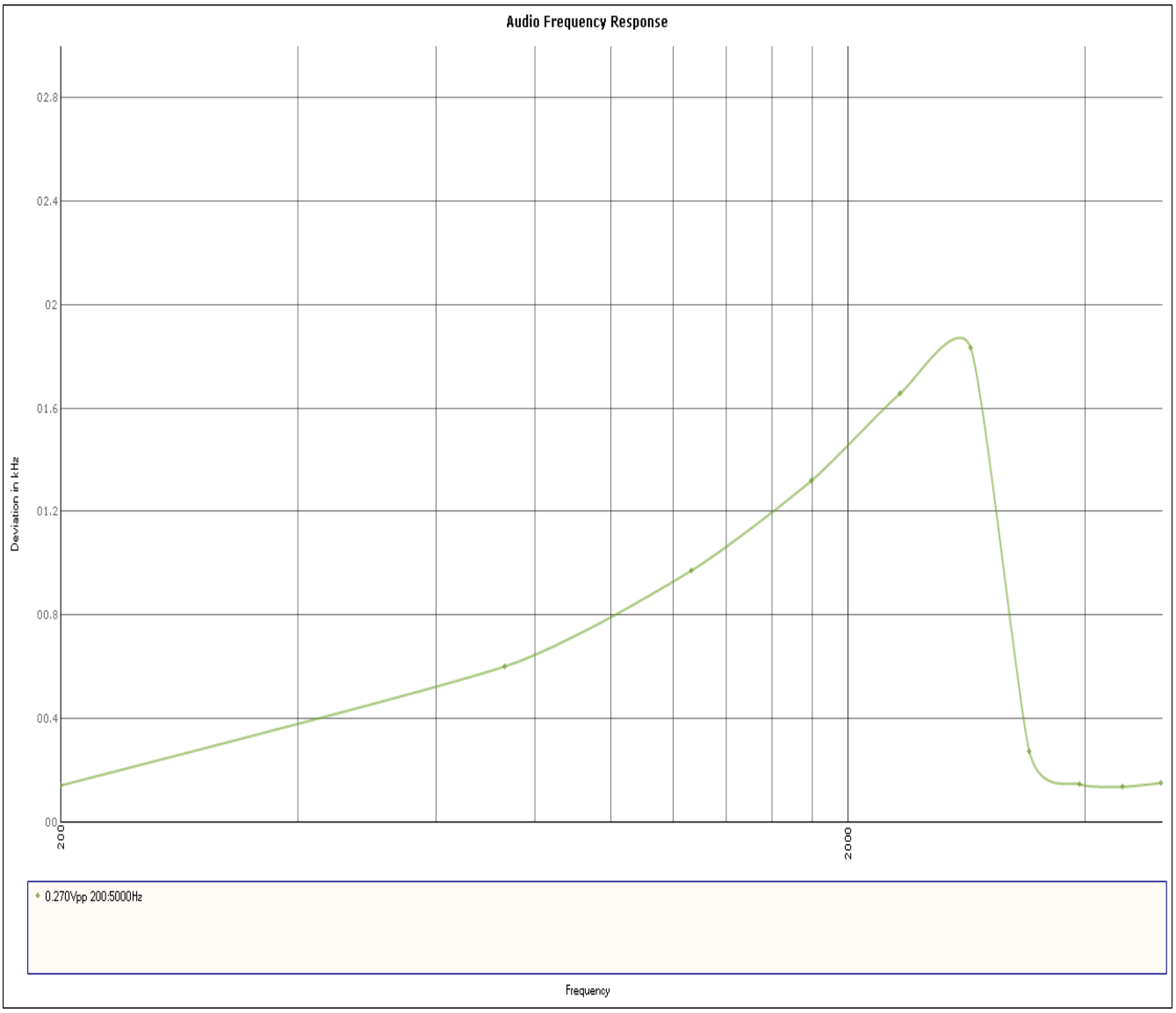
TEST DATA:

AUDIO LOW PASS FILTER 12.5 kHz



MODULATION CHARACTERISTICS

AUDIO LOW PASS FILTER 20 kHz



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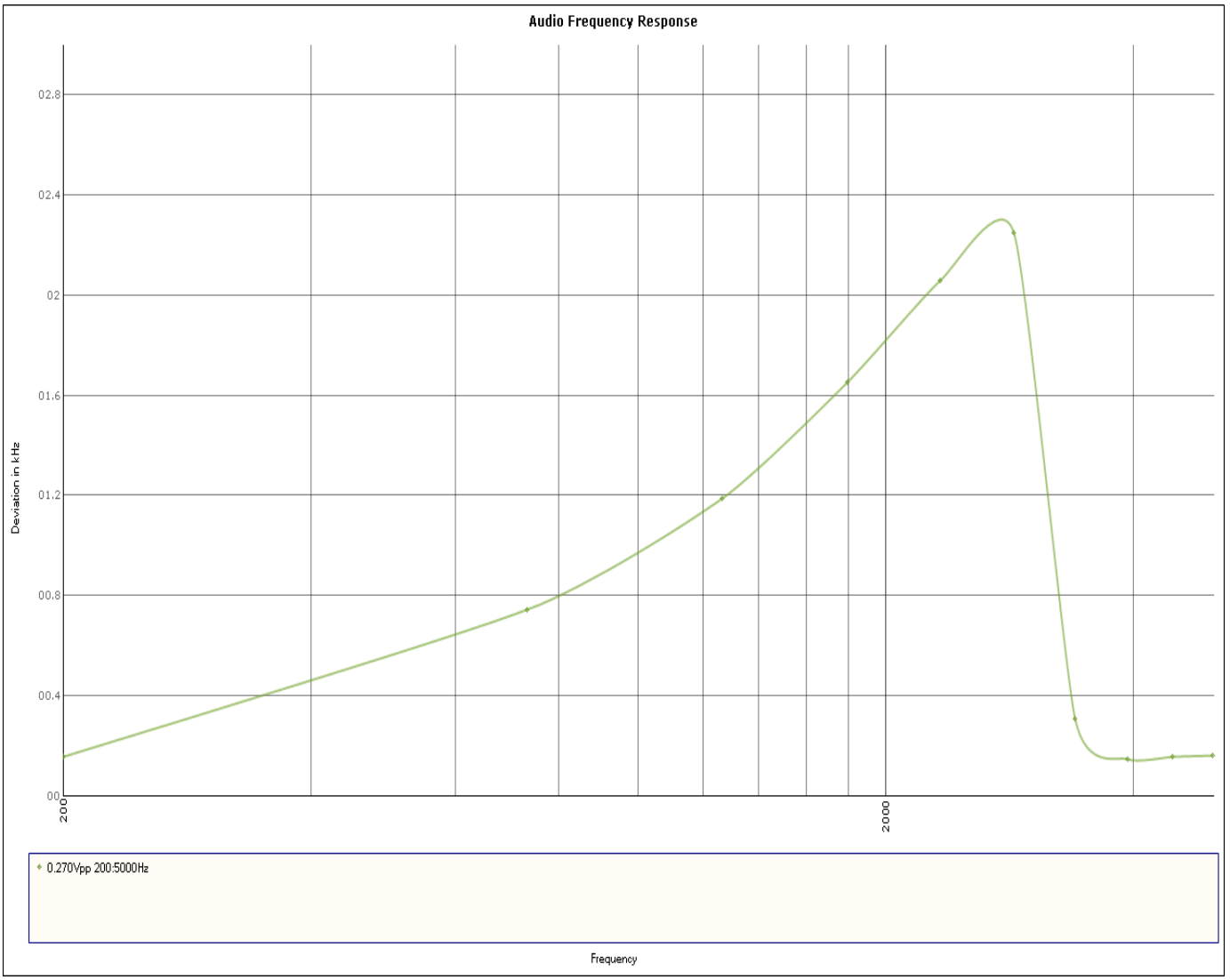
MODULATION CHARACTERISTICS

AUDIO LOW PASS FILTER 25 kHz



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MODULATION CHARACTERISTICS -

AUDIO INPUT VERSUS MODULATION

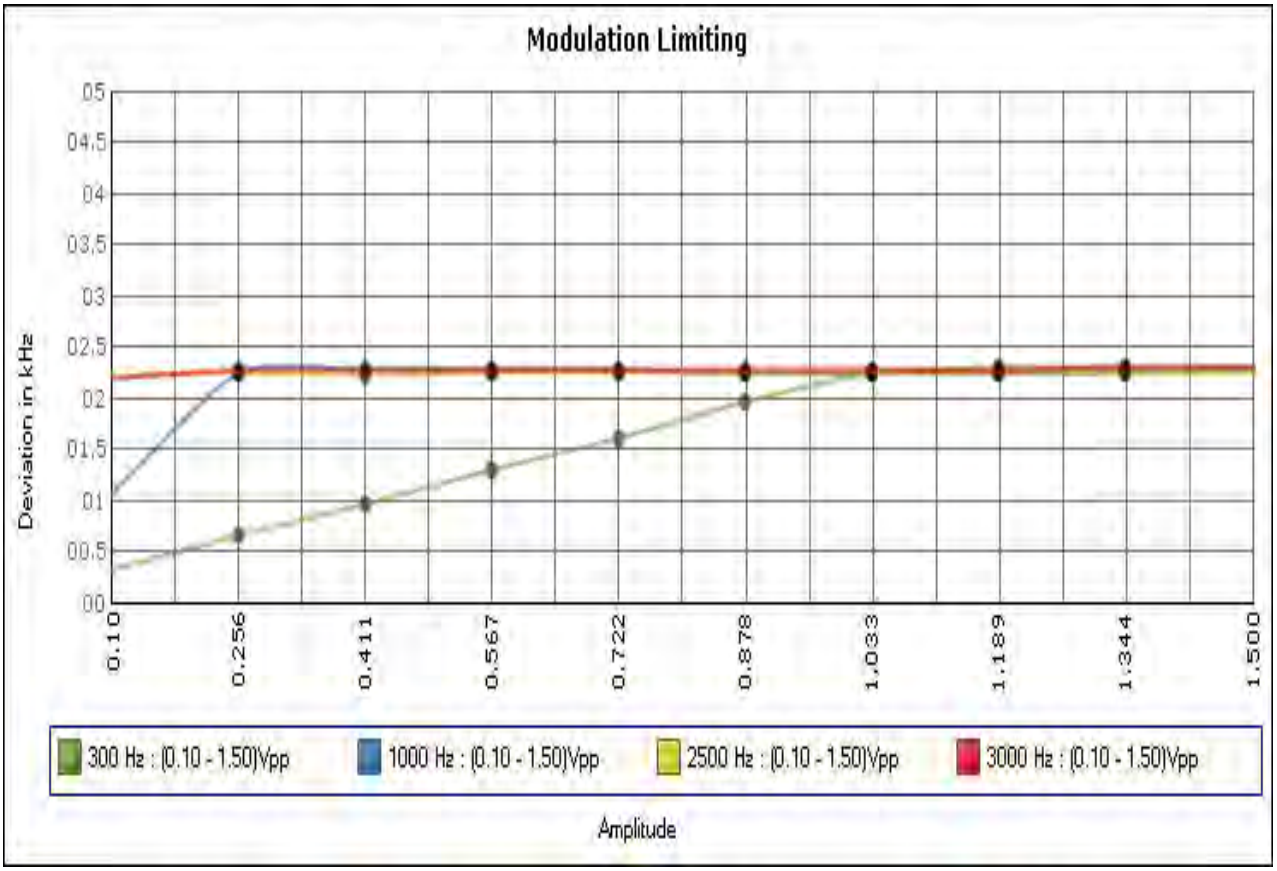
RULE PART NO: **Part 2.1047(b) & 90**

REQUIREMENT Modulation cannot exceed 100% of the rated FM deviation.

Method of Measurement: ANSI/TIA-603 § 2.2.3

Test data:

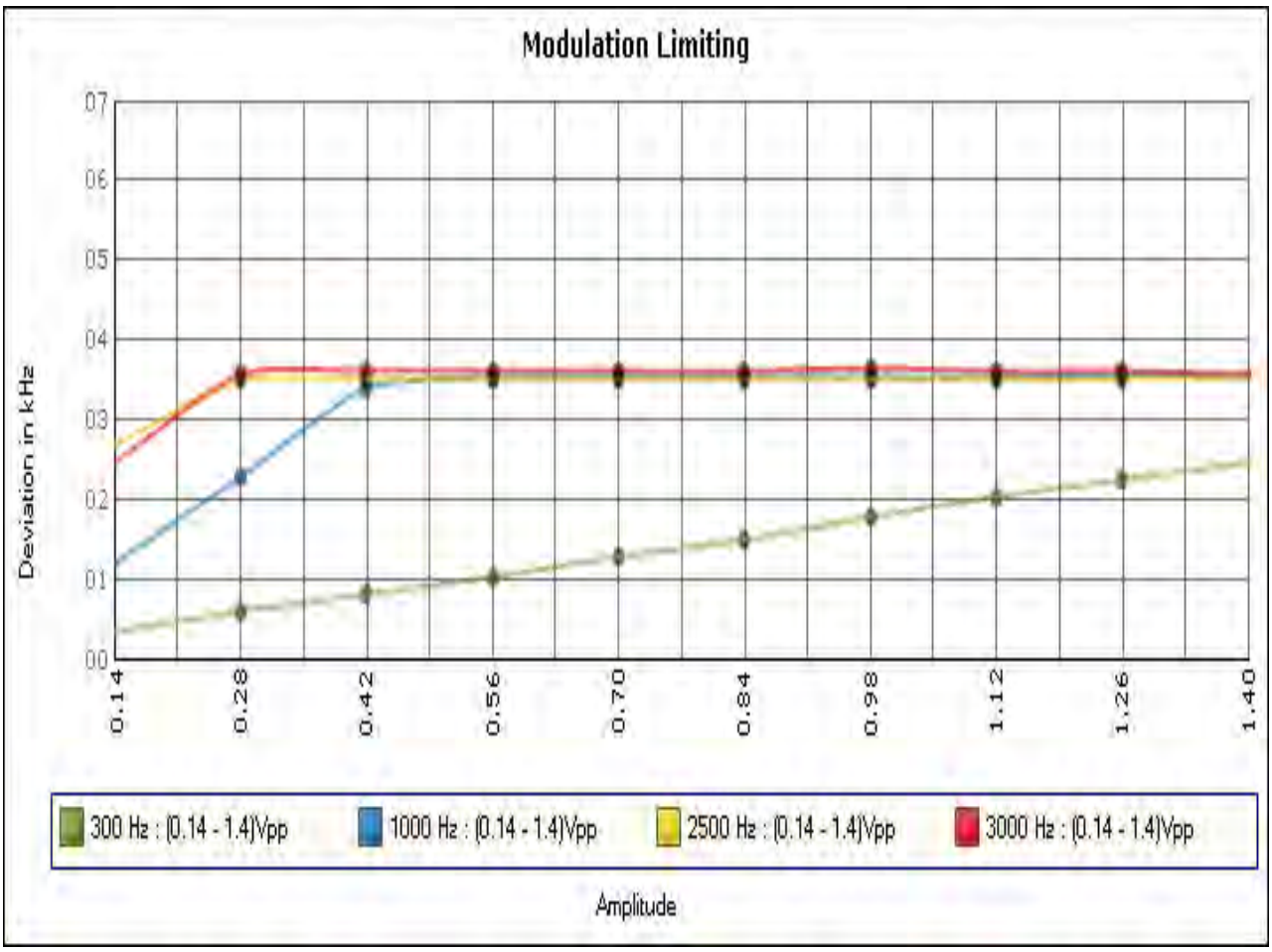
MODULATION LIMITING 12.5 kHz



MODULATION CHARACTERISTICS

AUDIO INPUT VERSUS MODULATION

MODULATION LIMITING 20 kHz



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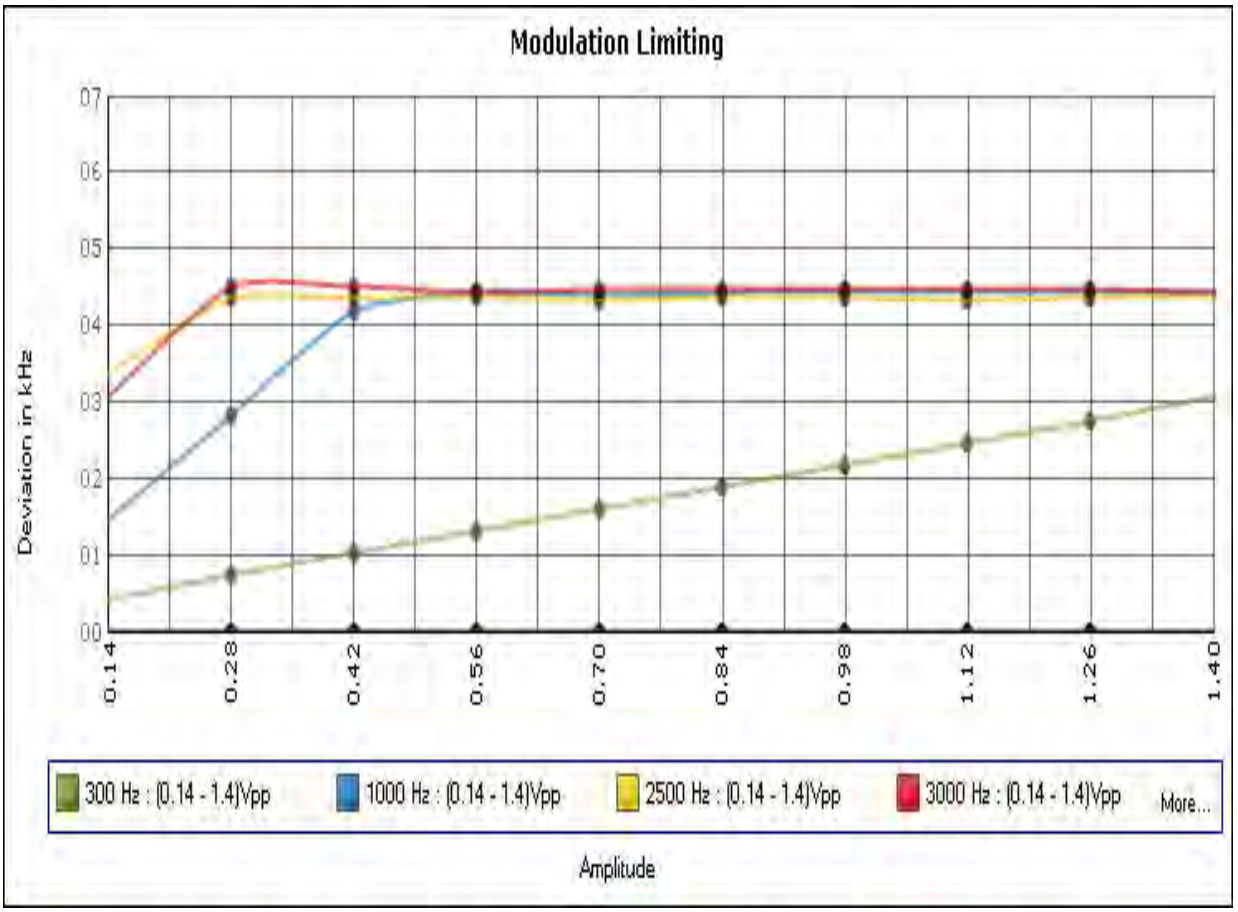
MODULATION CHARACTERISTICS

AUDIO INPUT VERSUS MODULATION

MODULATION LIMITING 25 kHz



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OCCUPIED BANDWIDTH

RULE PART NO.: 2.1049(c) & 90.210

REQUIREMENTS: Applicable Emission Masks

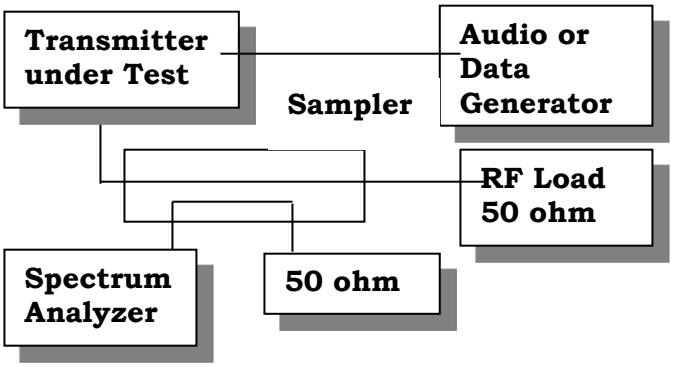
Frequency band (MHz)	Mask for equipment with audio low pass filter	Mask for equipment without audio low pass filter
806-809/851-854	B	H
809-824/854-869[3 5]	B	G

[3]Equipment used in this licensed to EA or non-EA systems shall comply with the emission mask provisions of §90.691 of this chapter.

[5]Equipment may alternatively meet the Adjacent Channel Power limits of §90.221.

METHOD OF MEASUREMENT: ANSI/TIA-603 § 2.2.11 Sideband Spectrum

SETUP DIAGRAM:



TEST DATA: See the plots on following pages.

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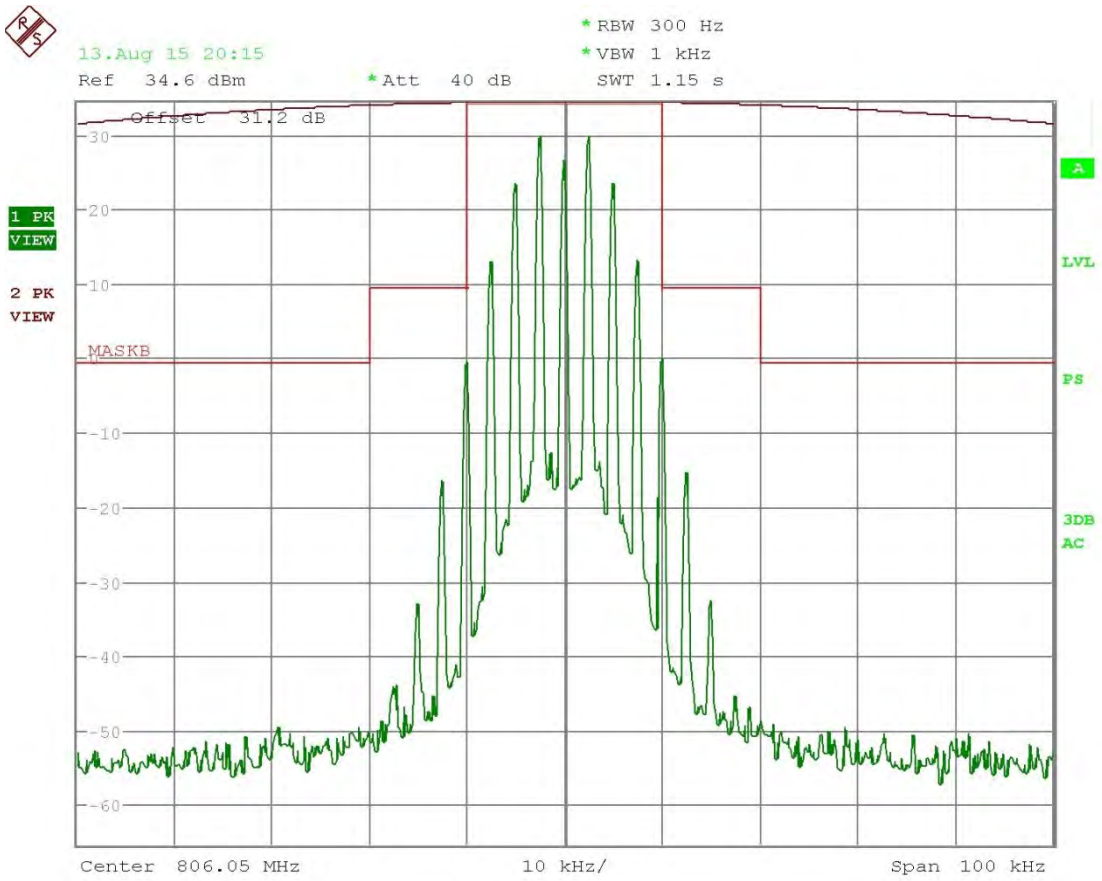
OCCUPIED BANDWIDTH

TEST FREQ. 806.05 MHz–16k0F3E

Part 90.210(b) Emission Mask B – Equipment with audio Low pass filter



Date: 13.AUG.2015 20:15:39

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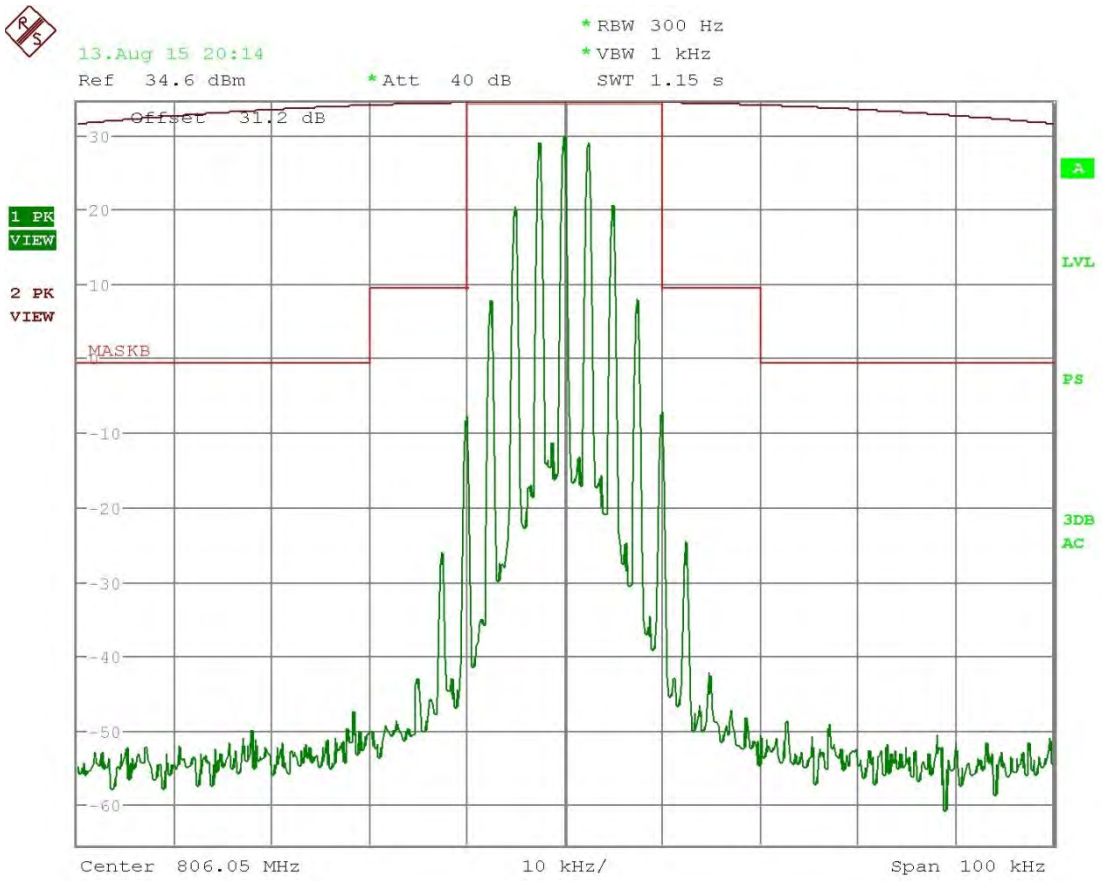
OCCUPIED BANDWIDTH

TEST FREQ. 806.05 MHz–14k0F3E

Part 90.210(b) Emission Mask B – Equipment with audio Low pass filter



Date: 13.AUG.2015 20:14:09

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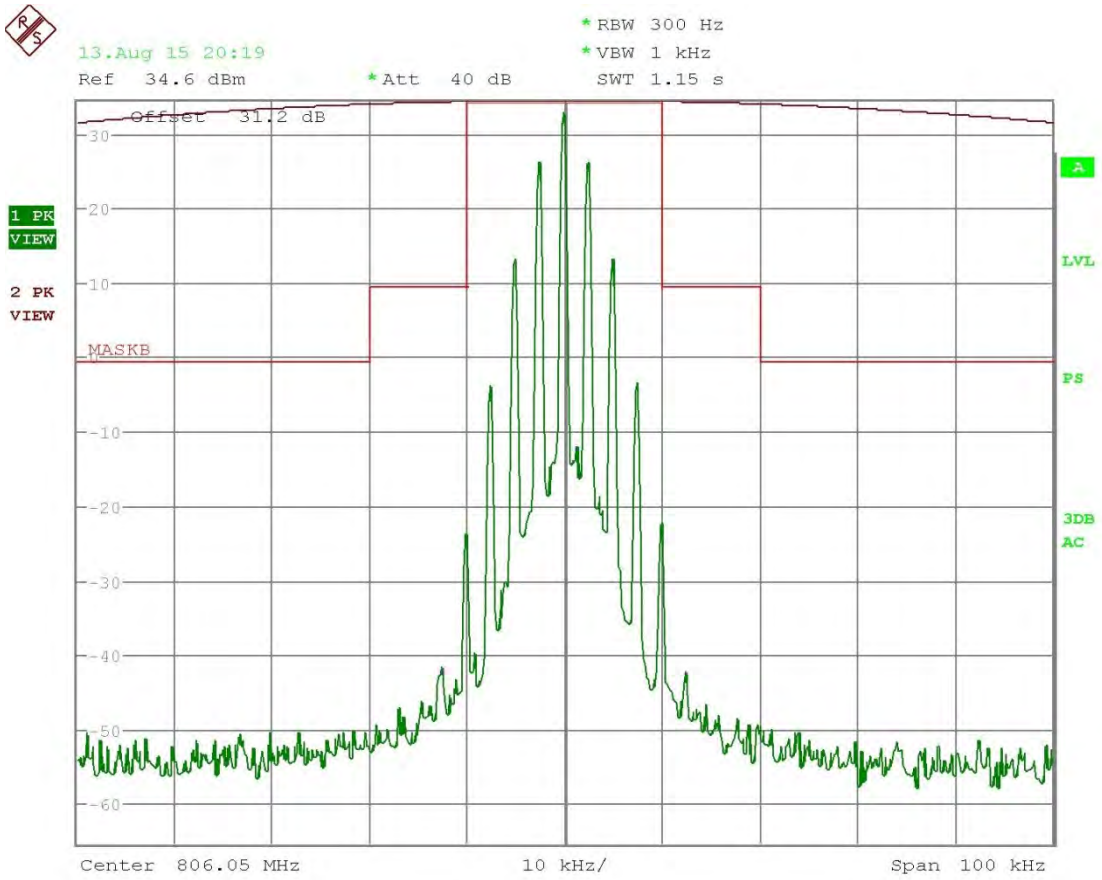
OCCUPIED BANDWIDTH

TEST FREQ. 806.05 MHz–11k0F3E

Part 90.210(b) Emission Mask B – Equipment with audio Low pass filter



Date: 13.AUG.2015 20:19:35

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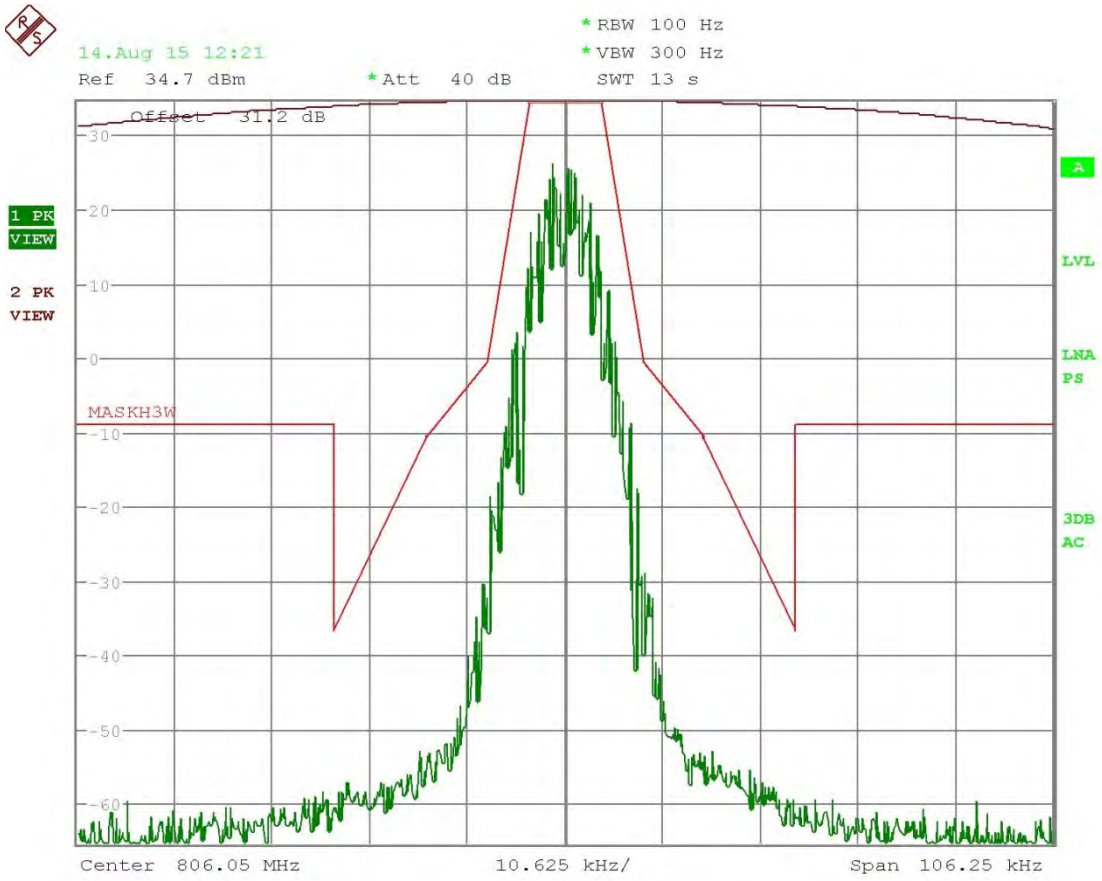
OCCUPIED BANDWIDTH

TEST FREQ. 806.05 MHz–8K17F1E/8K17F1D

Part 90.210(h) Emission Mask H – Equipment without Low pass filter



Date: 14.AUG.2015 12:21:54

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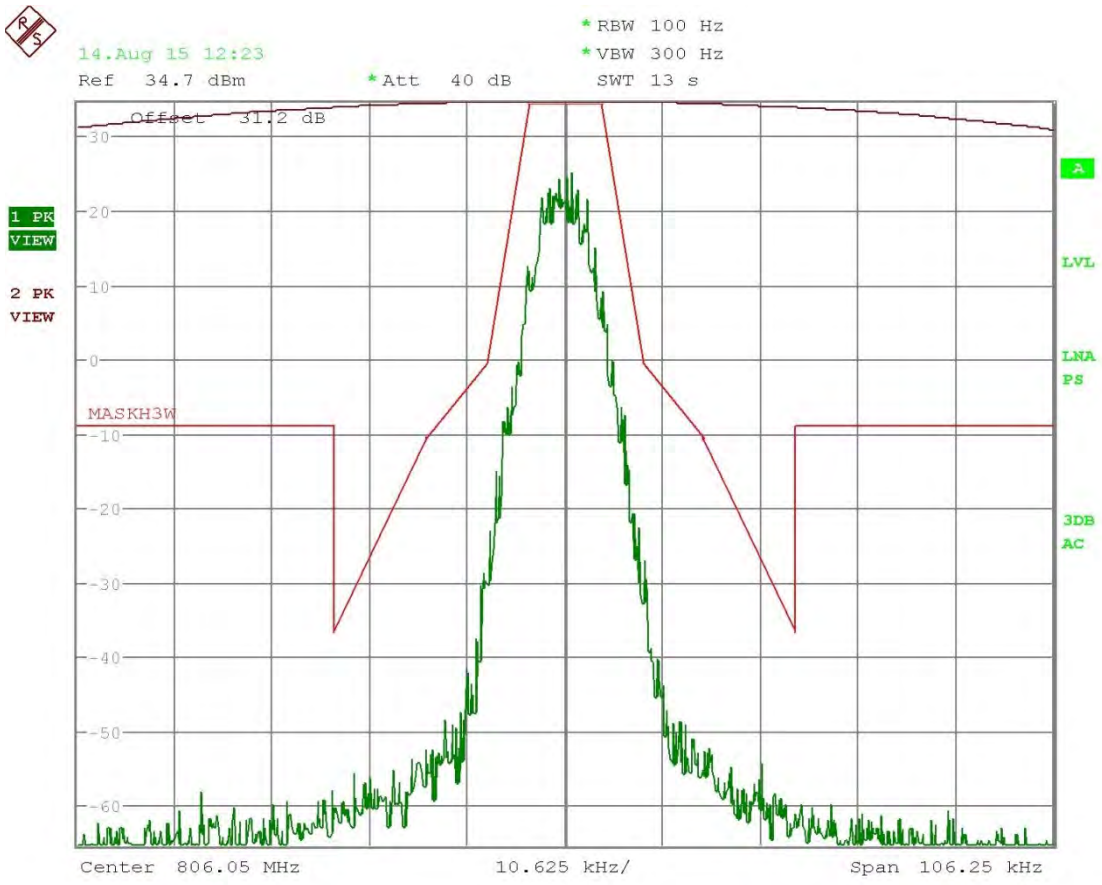
OCCUPIED BANDWIDTH

TEST FREQ. 806.05 MHz–7K80FXE/FXD/FXW

Part 90.210(h) Emission Mask H – Equipment without Low pass filter



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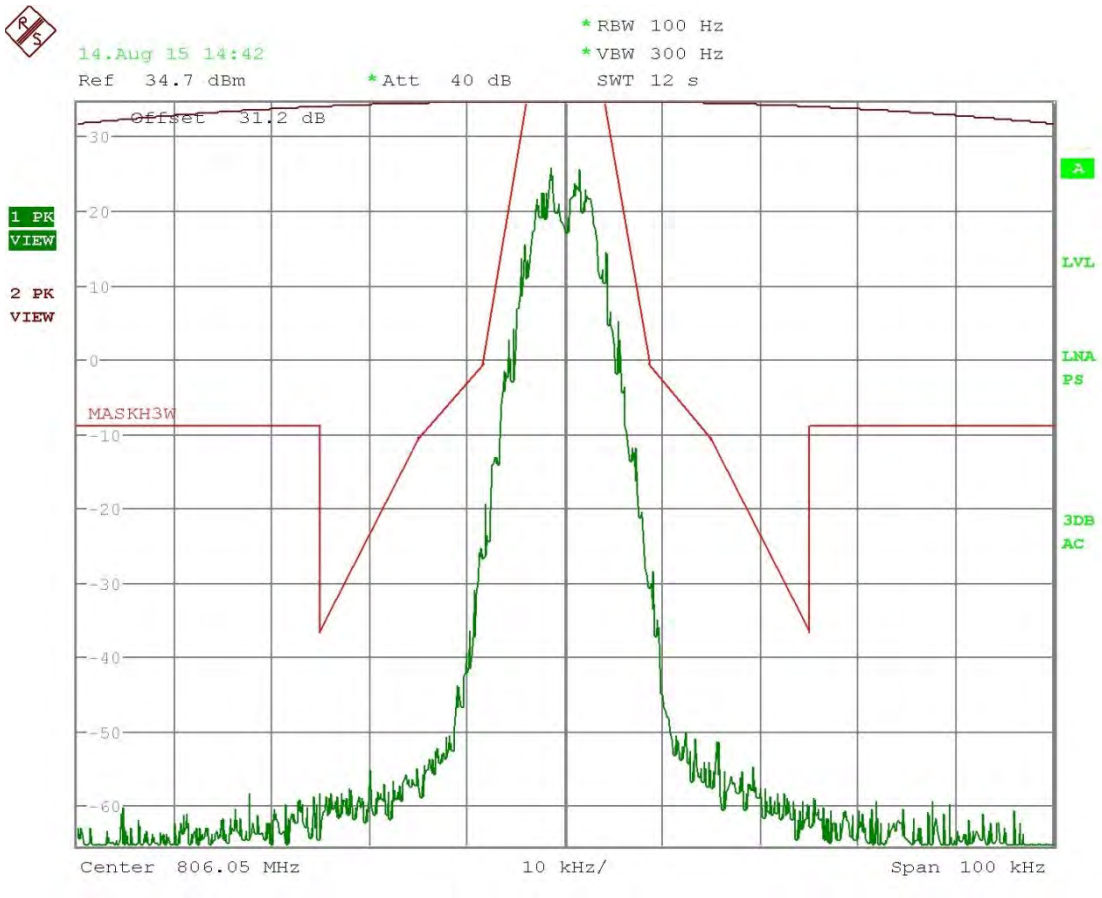
OCCUPIED BANDWIDTH

TEST FREQ. 806.05 MHz–8K87F2E

Part 90.210(h) Emission Mask H – Equipment without Low pass filter



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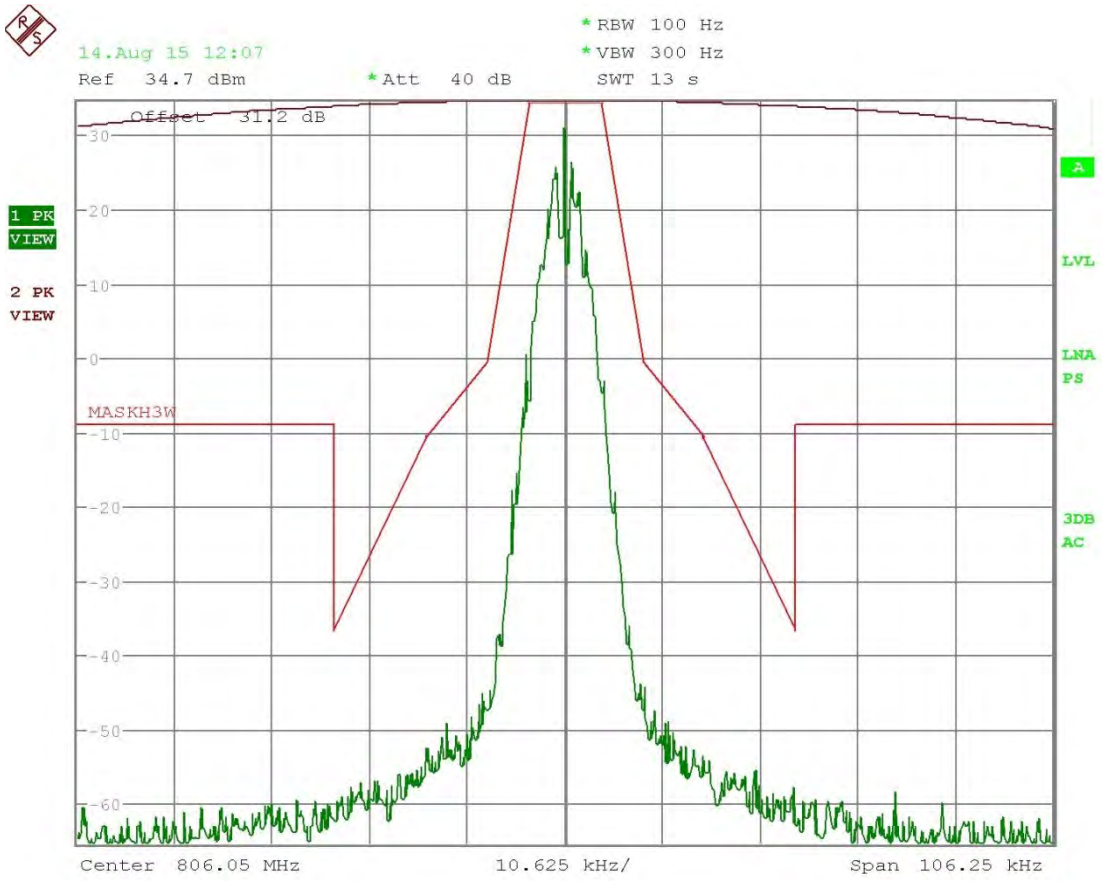
OCCUPIED BANDWIDTH

TEST FREQ. 806.05 MHz–5K41F2E

Part 90.210(h) Emission Mask H – Equipment without Low pass filter



Date: 14.AUG.2015 12:07:10

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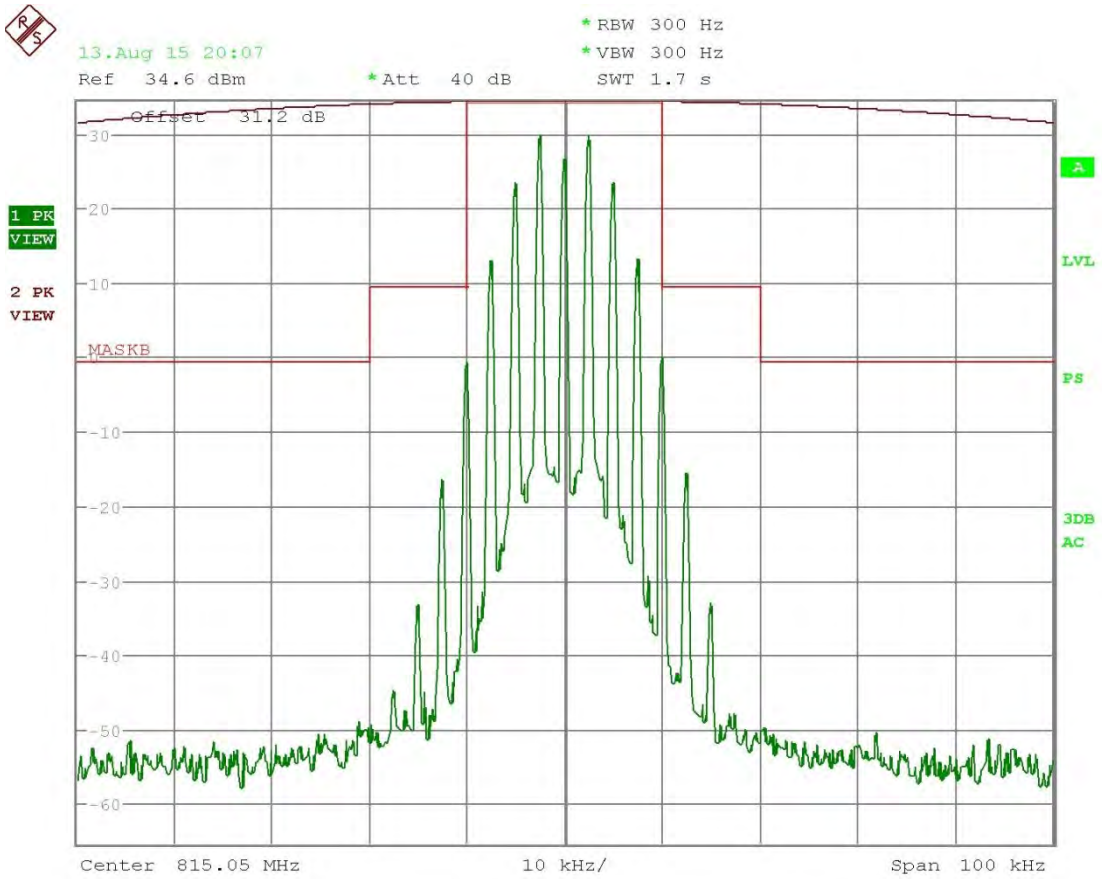
TEST FREQ. 815.05 MHz–16k0F3E

Part 90.210(b) Emission Mask B – Equipment with audio Low pass filter



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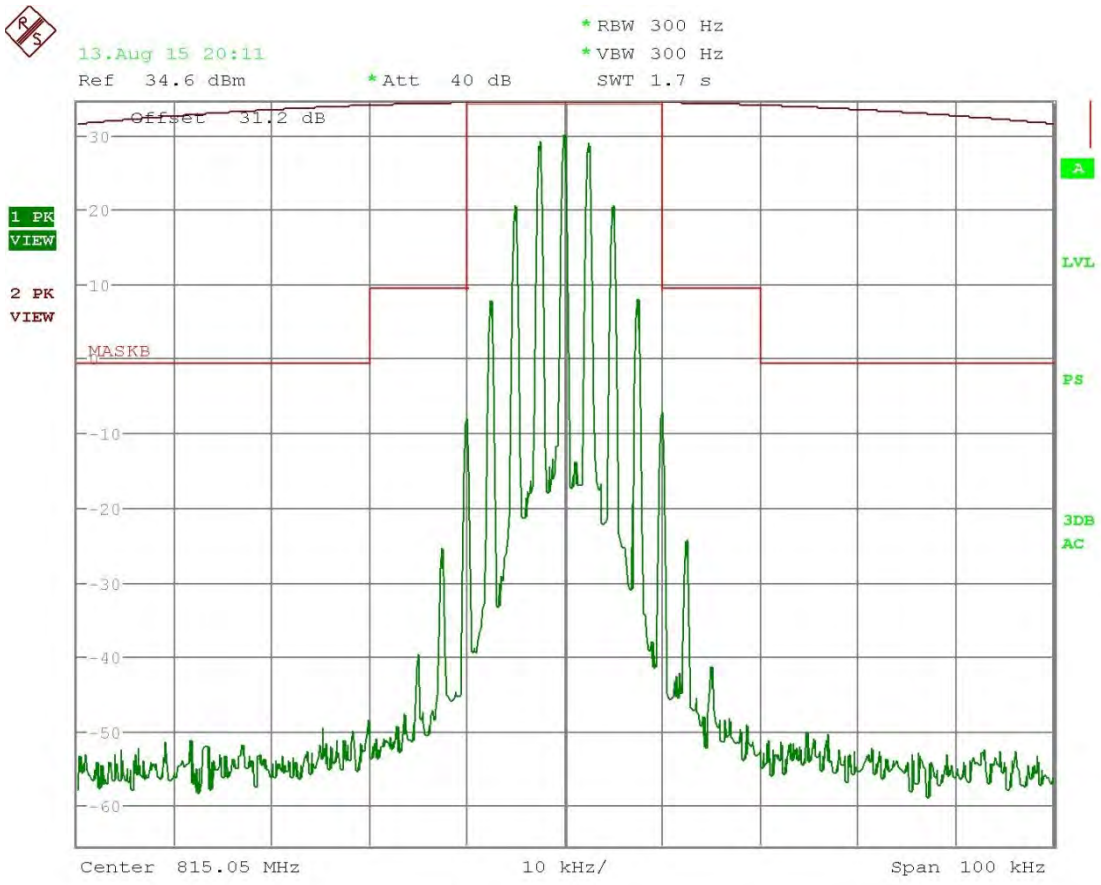
OCCUPIED BANDWIDTH

TEST FREQ. 815.05 MHz–14k0F3E

Part 90.210(b) Emission Mask B – Equipment with audio Low pass filter



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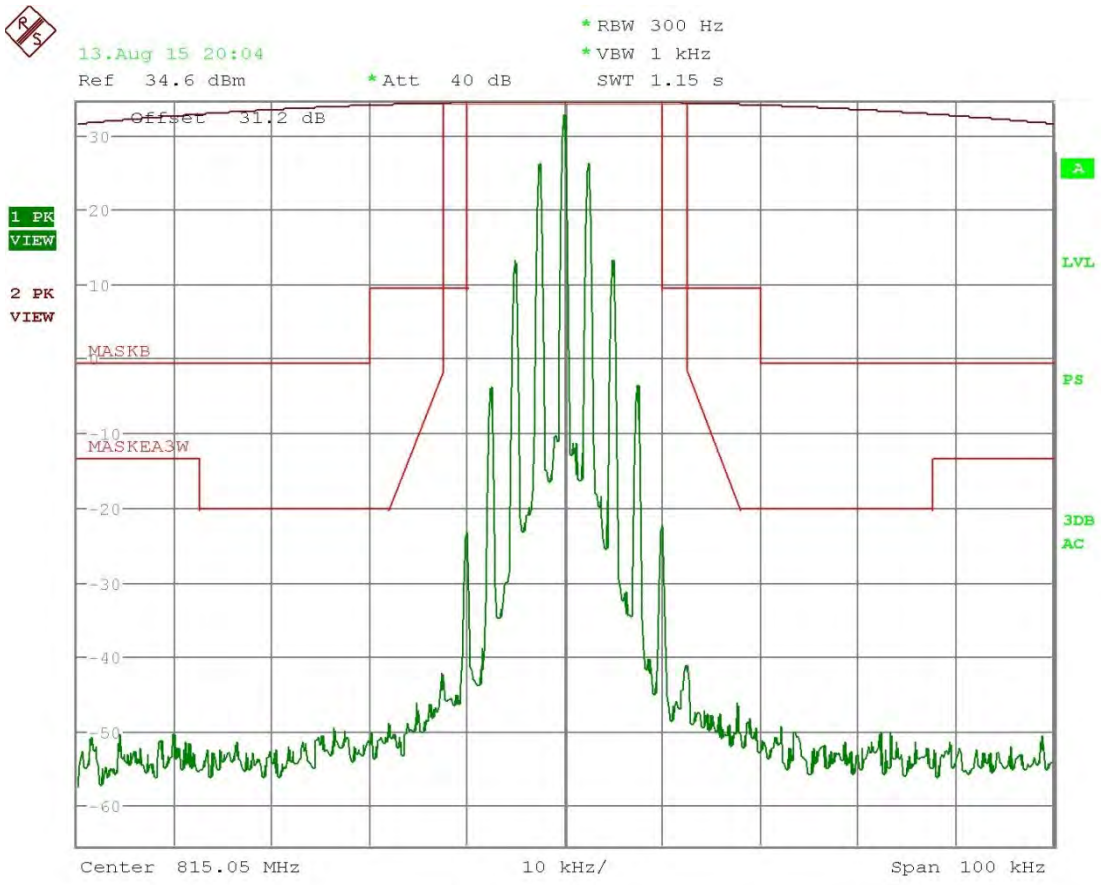
OCCUPIED BANDWIDTH

TEST FREQ. 815.05 MHz–11k0F3E

Part 90.210(b) Emission Mask B – Equipment with audio Low pass filter



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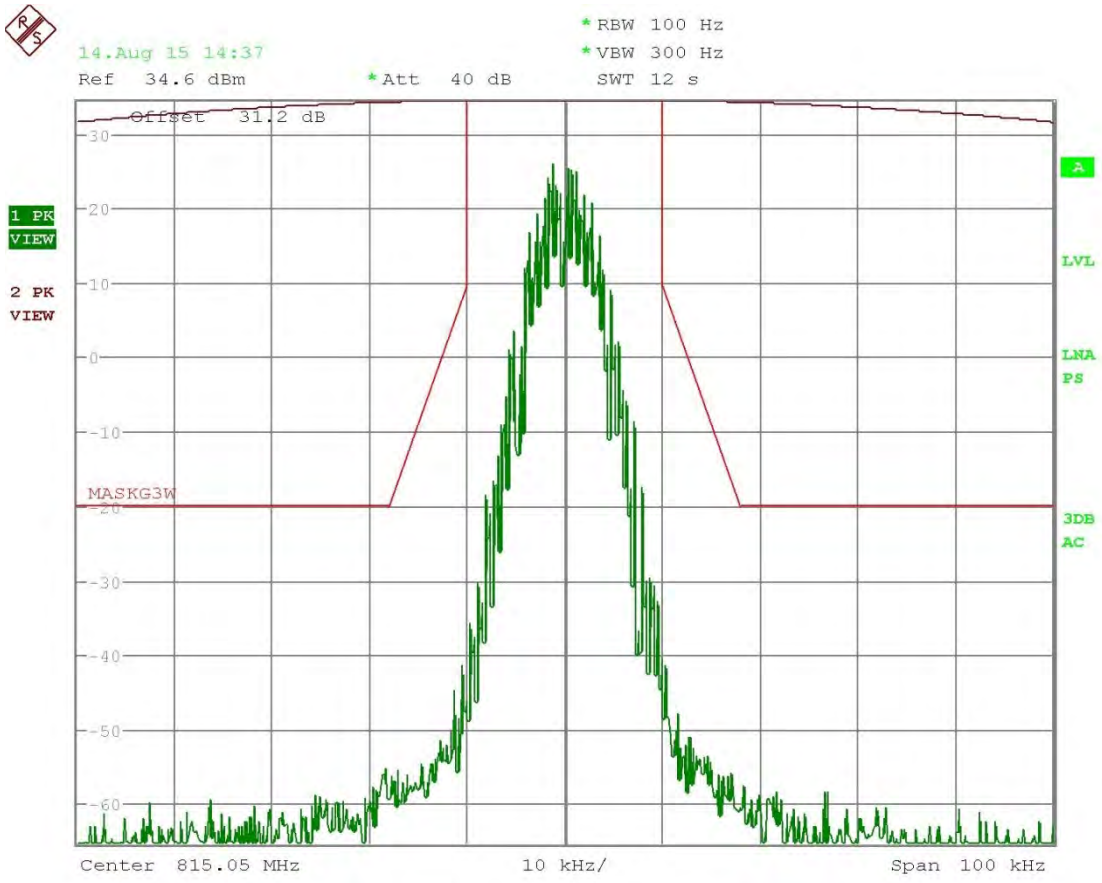
OCCUPIED BANDWIDTH

TEST FREQ. 815.05 MHz–8K17F1E/8K17F1D

Part 90.210(g) Emission Mask G – Equipment without Low pass filter



Date: 14.AUG.2015 14:37:52

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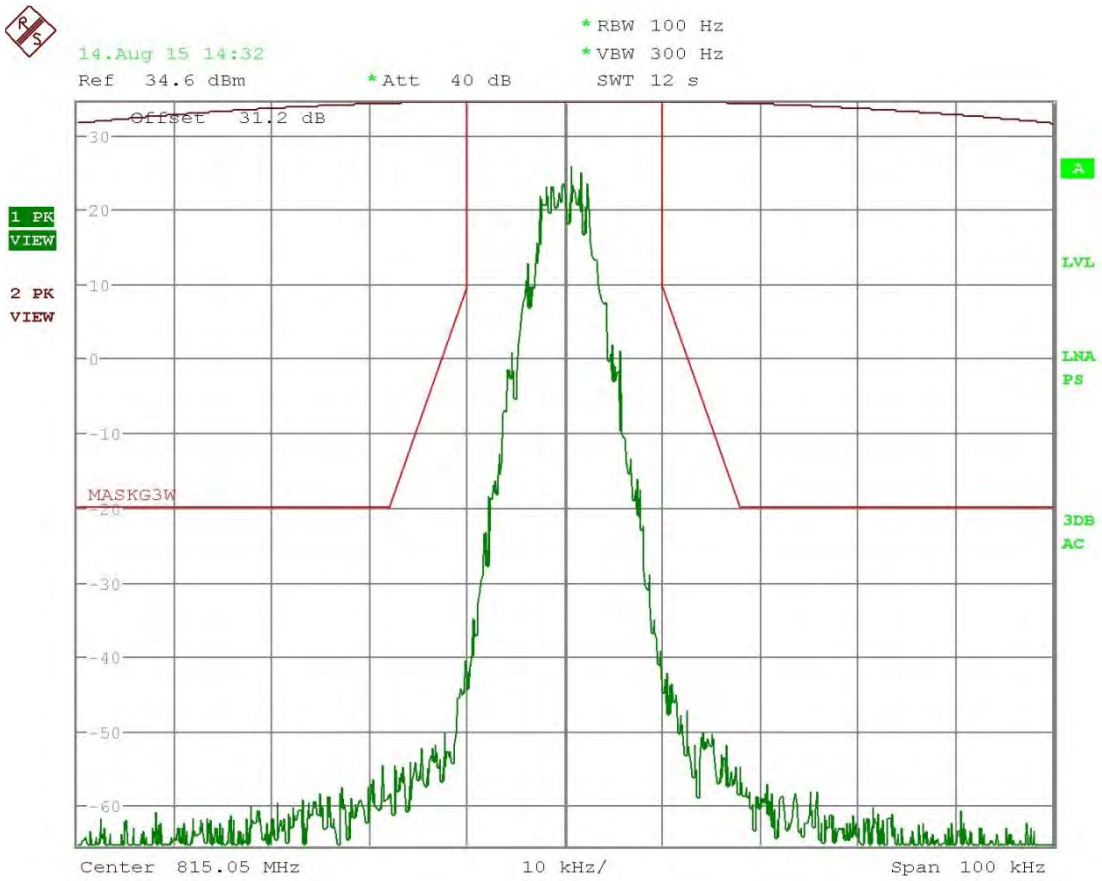
OCCUPIED BANDWIDTH

TEST FREQ. 815.05 MHz–7K80FXE/7K80FXD/7K80FXW

Part 90.210(g) Emission Mask G – Equipment without Low pass filter



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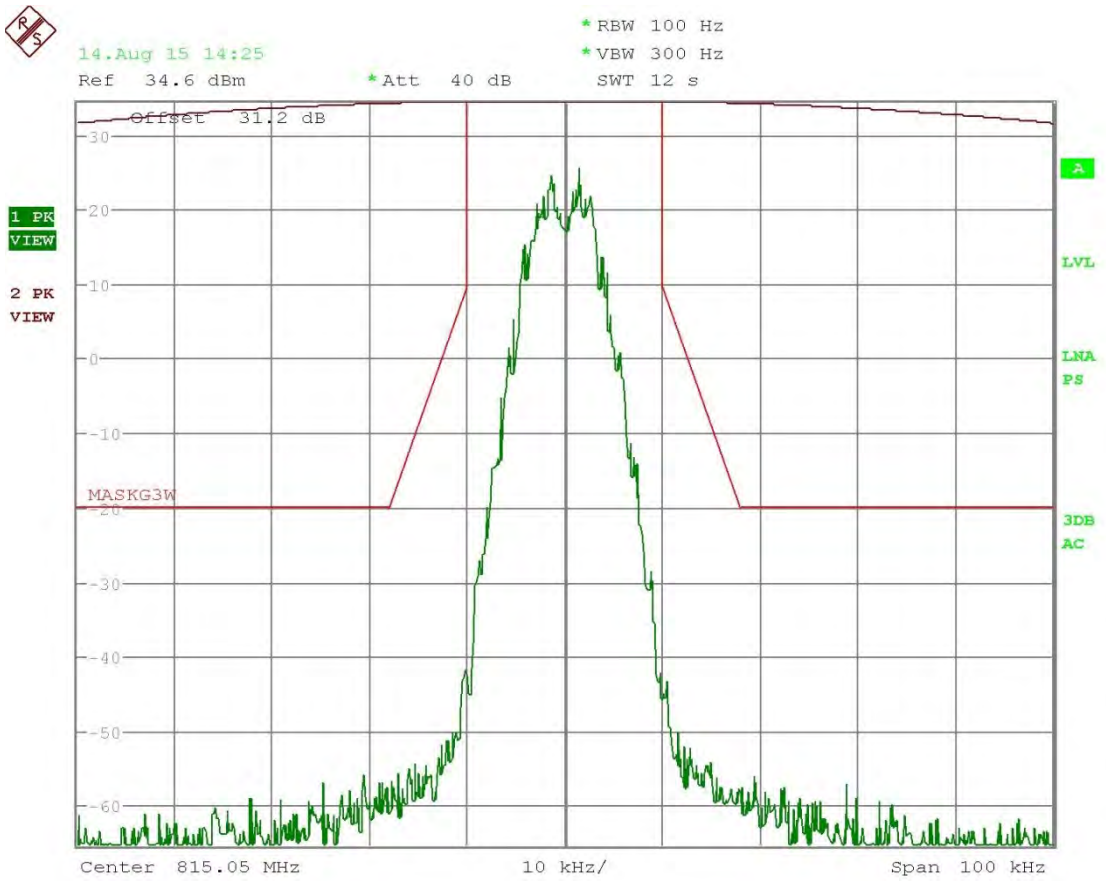
OCCUPIED BANDWIDTH

TEST FREQ. 815.05 MHz–8K87F2E

Part 90.210(g) Emission Mask G – Equipment without Low pass filter



Date: 14.AUG.2015 14:25:45

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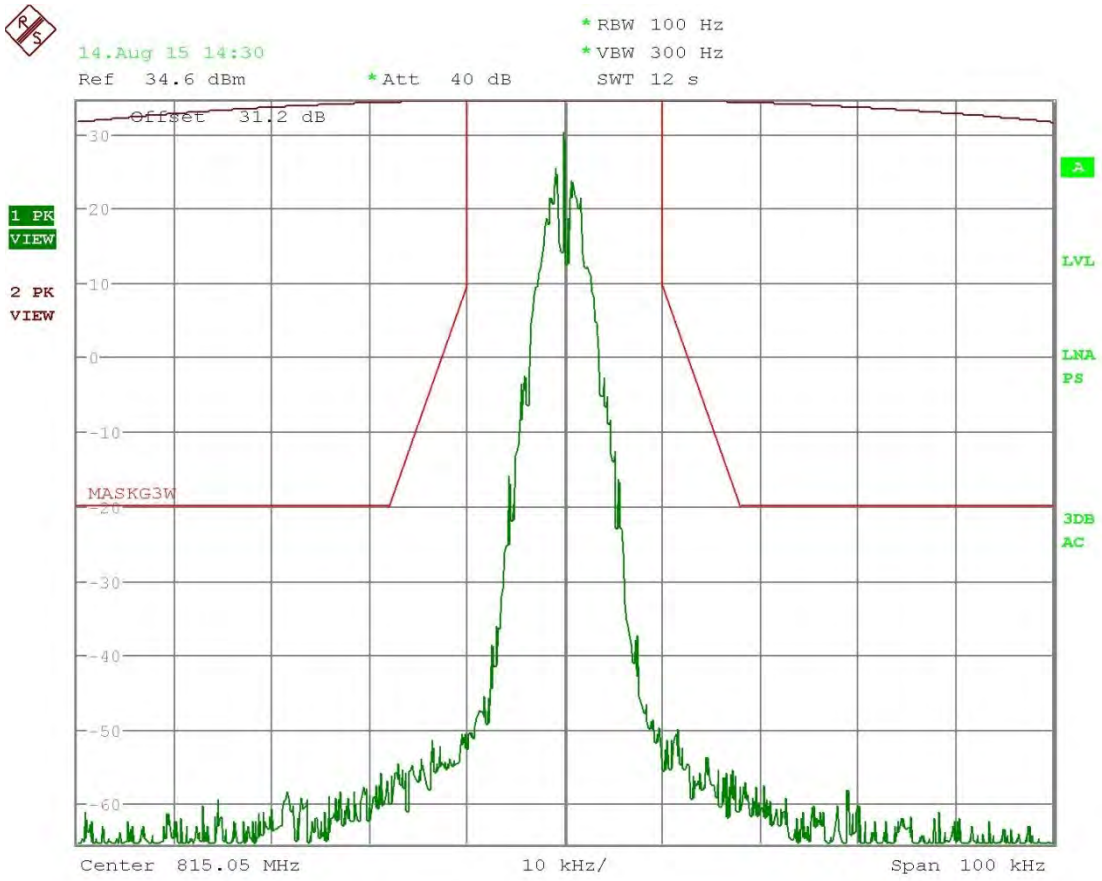
OCCUPIED BANDWIDTH

TEST FREQ. 815.05 MHz–5K41F2E

Part 90.210(g) Emission Mask G – Equipment without Low pass filter



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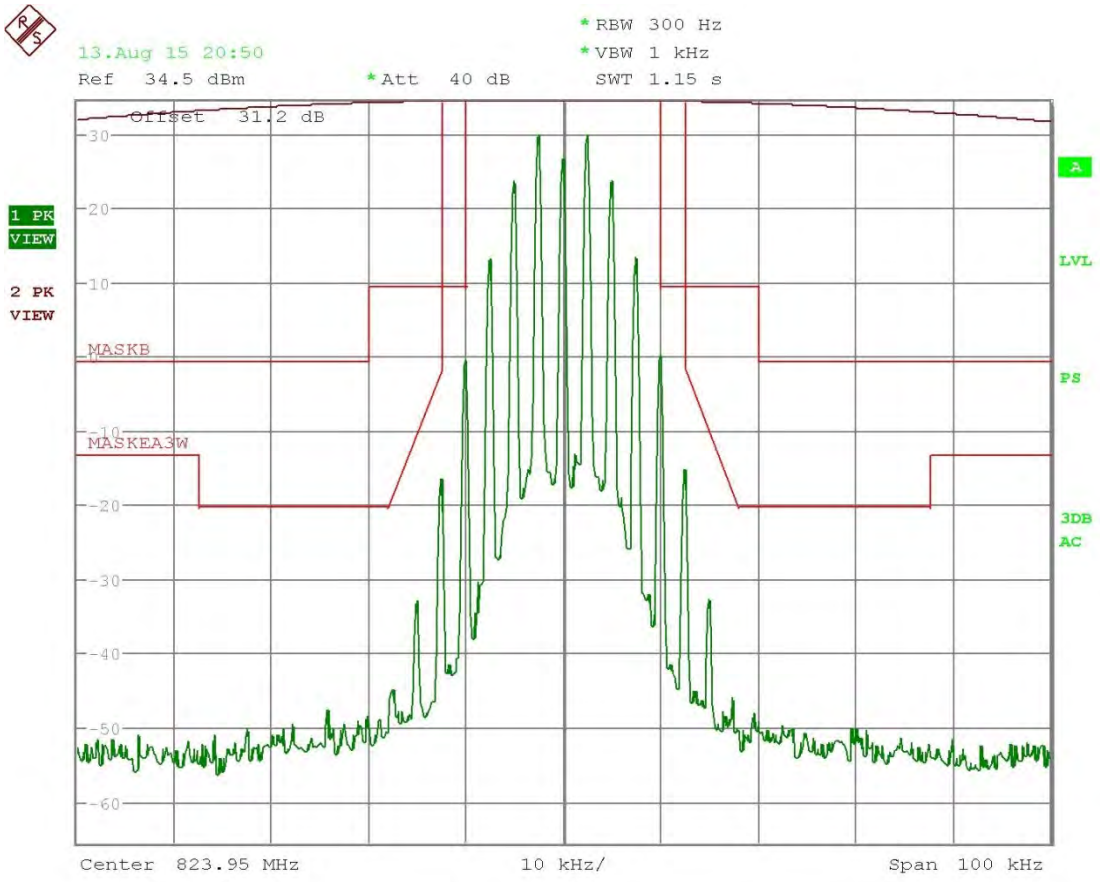
TEST FREQ. 823.95 MHz–16k0F3E

Part 90.210(b) Emission Mask B – Equipment with audio Low pass filter
Part 90.691(a) Emission Mask EA – EA-based systems



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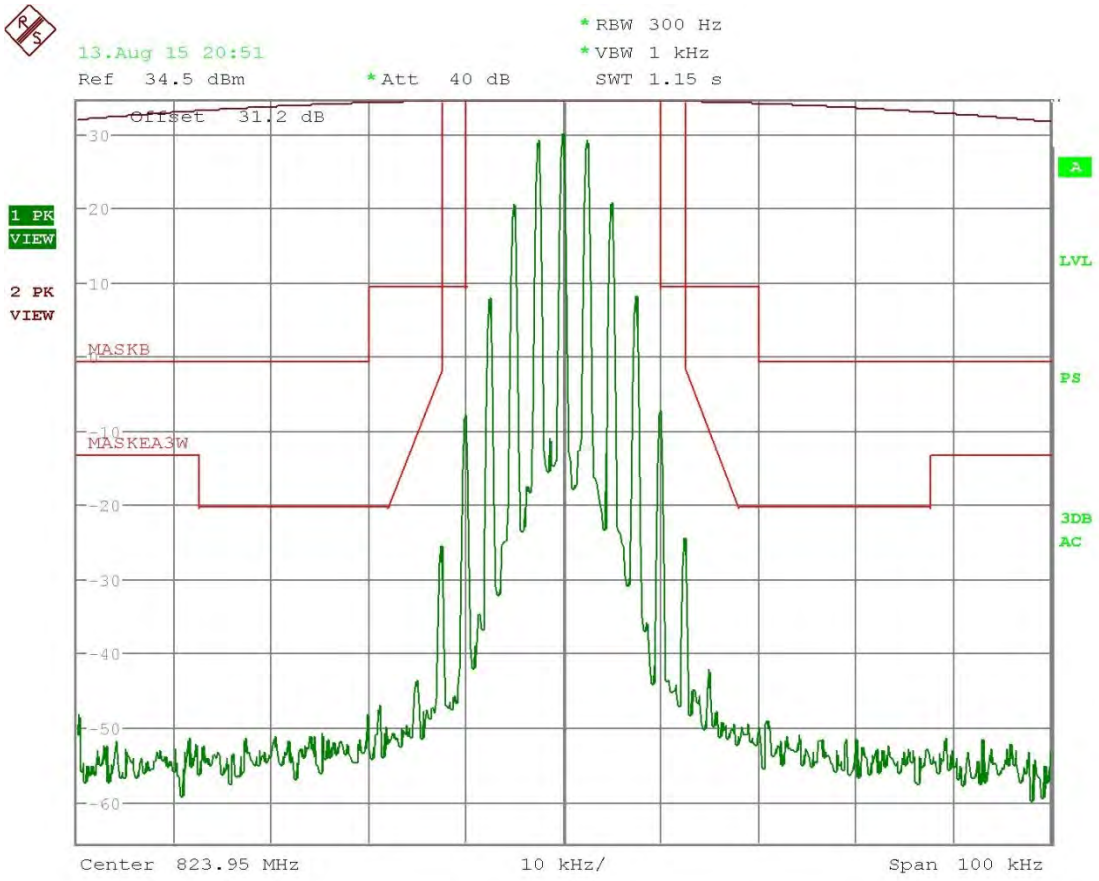
TEST FREQ. 823.95 MHz–14k0F3E

Part 90.210(b) Emission Mask B – Equipment with audio Low pass filter
Part 90.691(a) Emission Mask EA – EA-based systems



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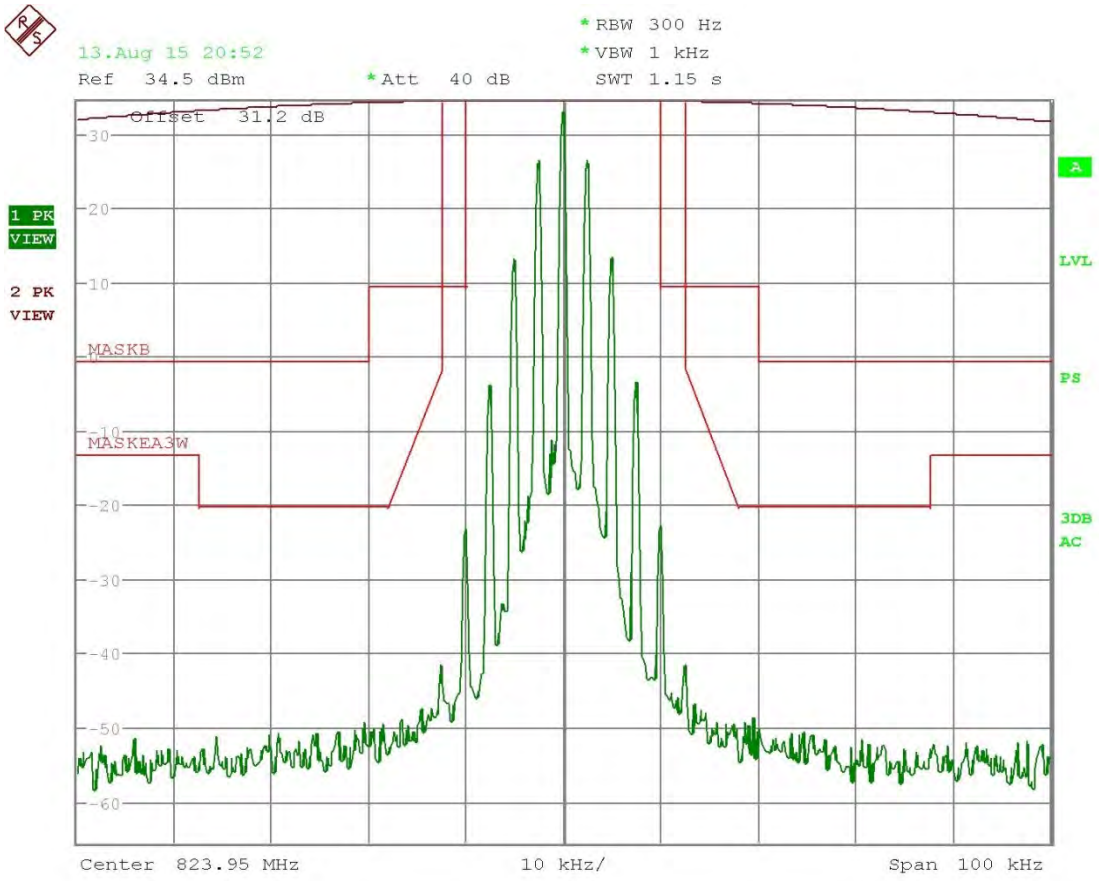
TEST FREQ. 823.95 MHz–11k0F3E

Part 90.210(b) Emission Mask B – Equipment with audio Low pass filter
Part 90.691(a) Emission Mask EA – EA-based systems



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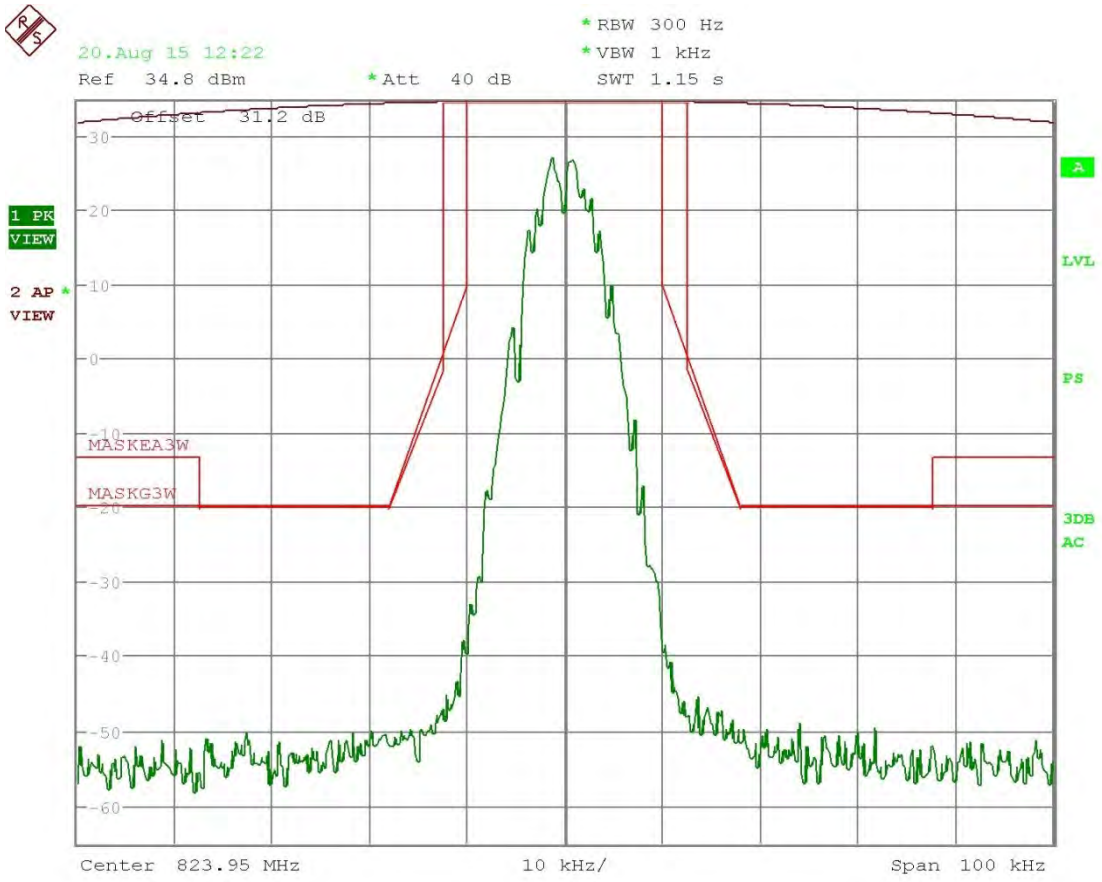
TEST FREQ. 823.95 MHz–8K17F1E/8K17F1D

Part 90.210(g) Emission Mask G – Equipment without Low pass filter
Part 90.691(a) Emission Mask EA – EA-based systems



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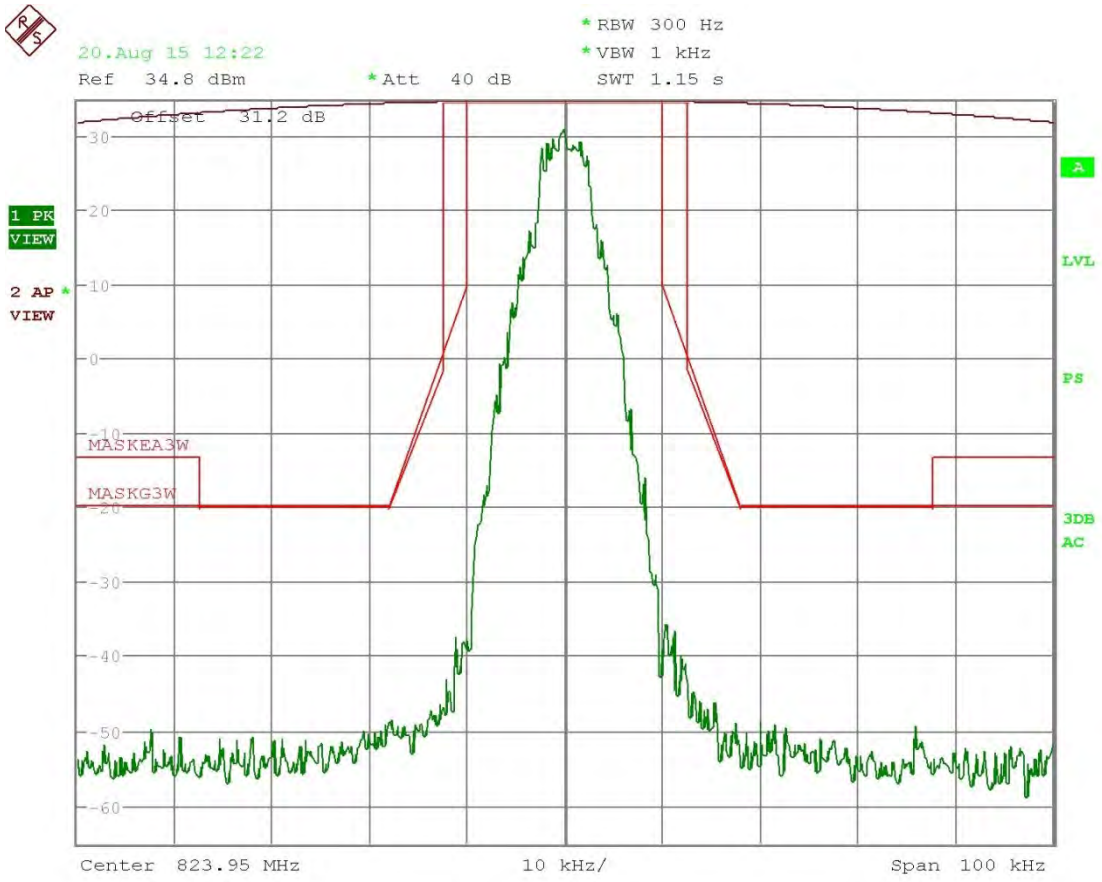
OCCUPIED BANDWIDTH

TEST FREQ. 823.95 MHz–7K80FXE/7K80FXD/7K80FXW

Part 90.210(g) Emission Mask G – Equipment without Low pass filter
Part 90.691(a) Emission Mask EA – EA-based systems



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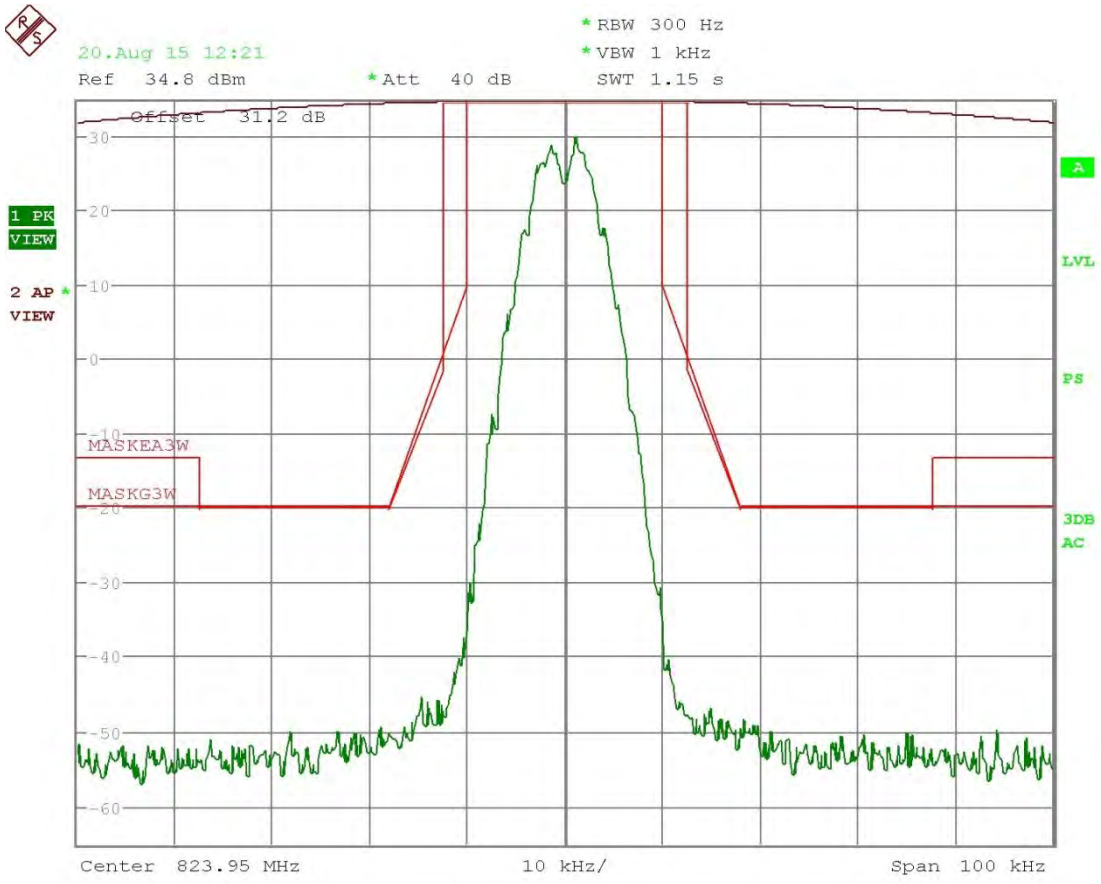
OCCUPIED BANDWIDTH

TEST FREQ. 823.95 MHz–8K87F2E

Part 90.210(g) Emission Mask G – Equipment without Low pass filter
Part 90.691(a) Emission Mask EA – EA-based systems



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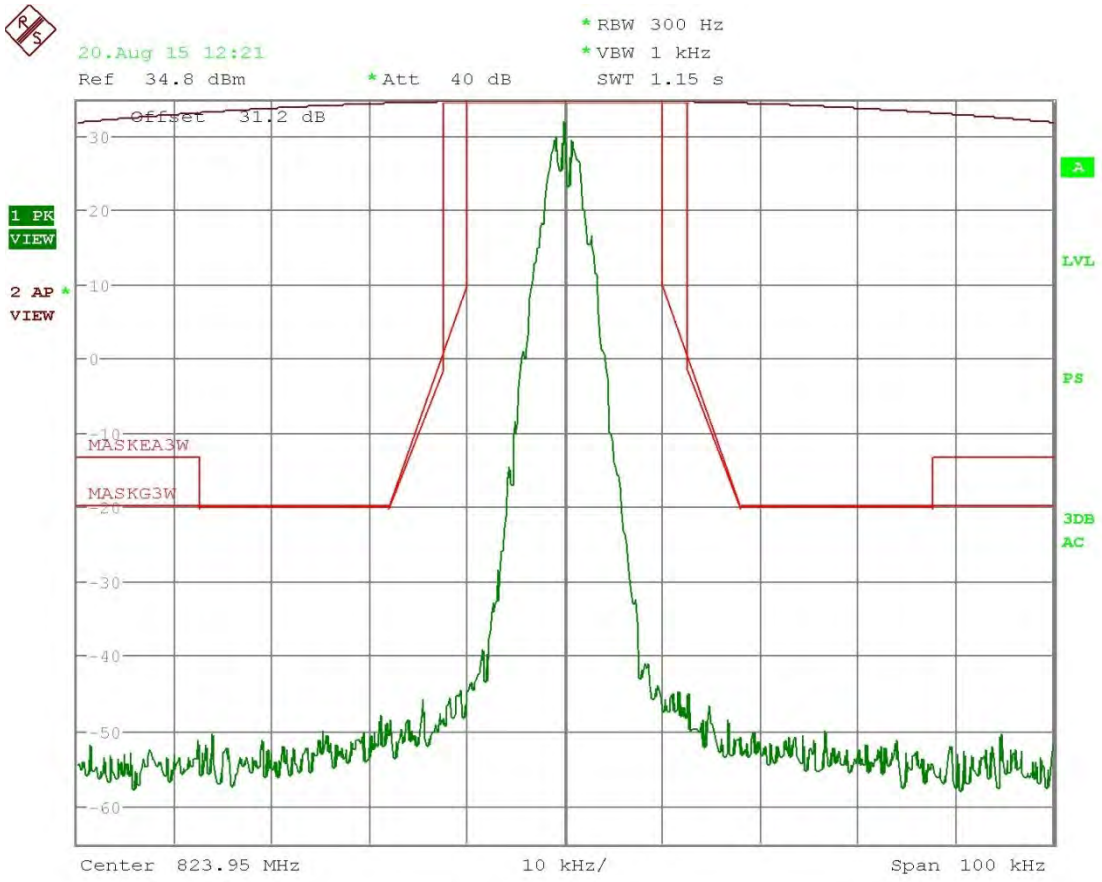
OCCUPIED BANDWIDTH

TEST FREQ. 823.95 MHz–5K41F2E

Part 90.210(g) Emission Mask G – Equipment without Low pass filter
Part 90.691(a) Emission Mask EA – EA-based systems



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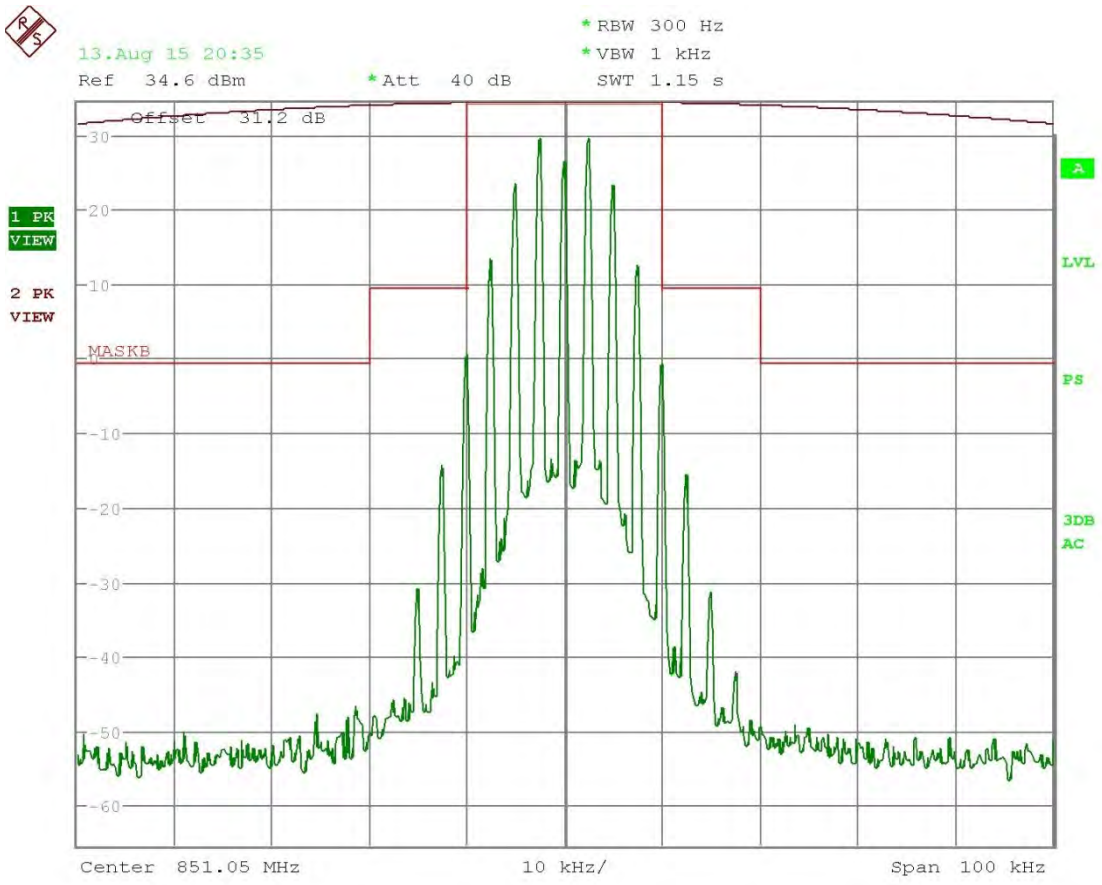
OCCUPIED BANDWIDTH

TEST FREQ. 851.05 MHz–16k0F3E

Part 90.210(b) Emission Mask B – Equipment with audio Low pass filter



Date: 13.AUG.2015 20:35:14

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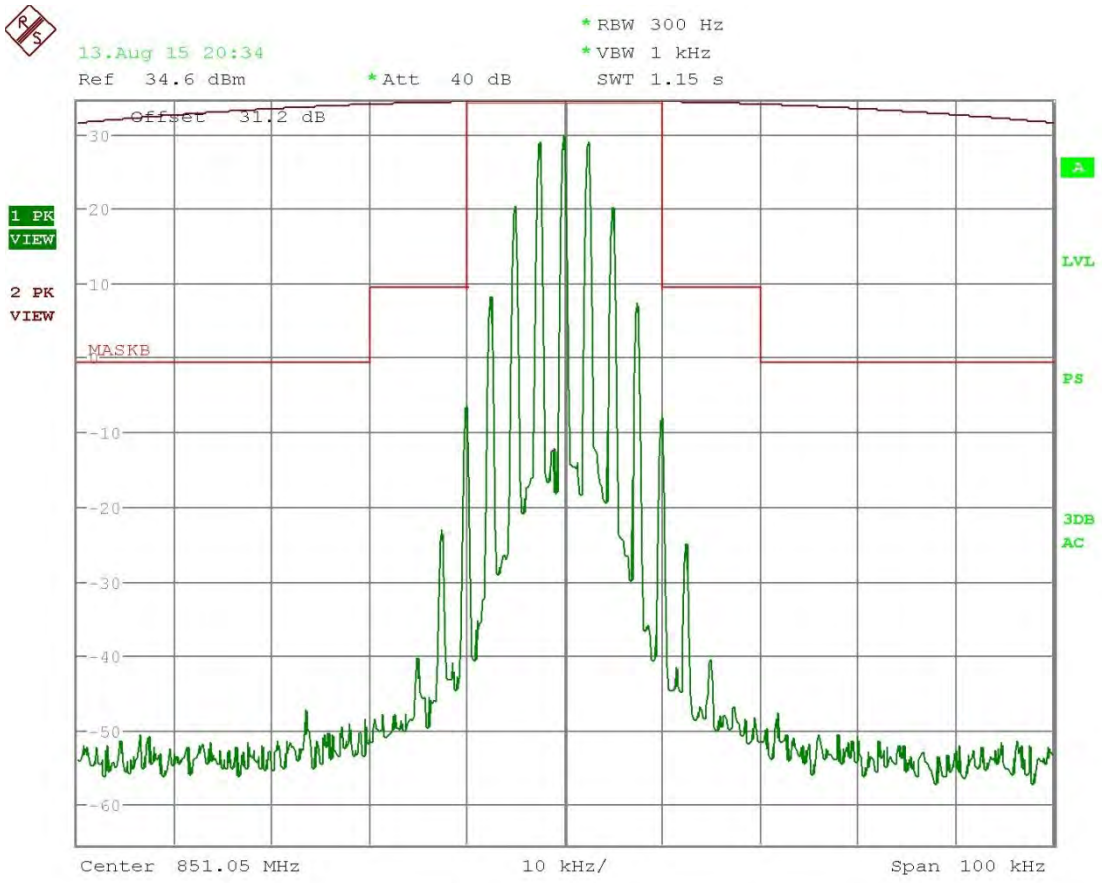
TEST FREQ. 851.05 MHz–14k0F3E

Part 90.210(b) Emission Mask B – Equipment with audio Low pass filter



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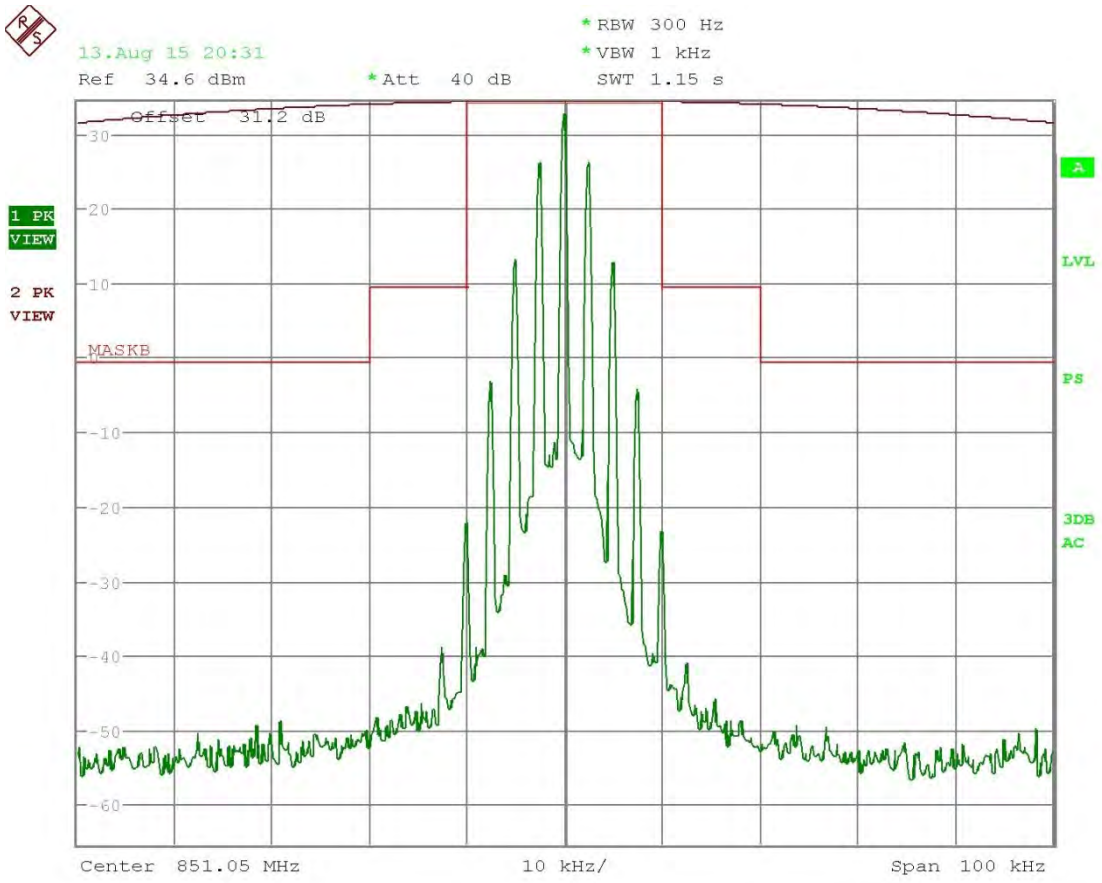
OCCUPIED BANDWIDTH

TEST FREQ. 851.05 MHz–11k0F3E

Part 90.210(b) Emission Mask B – Equipment with audio Low pass filter



Date: 13.AUG.2015 20:31:15

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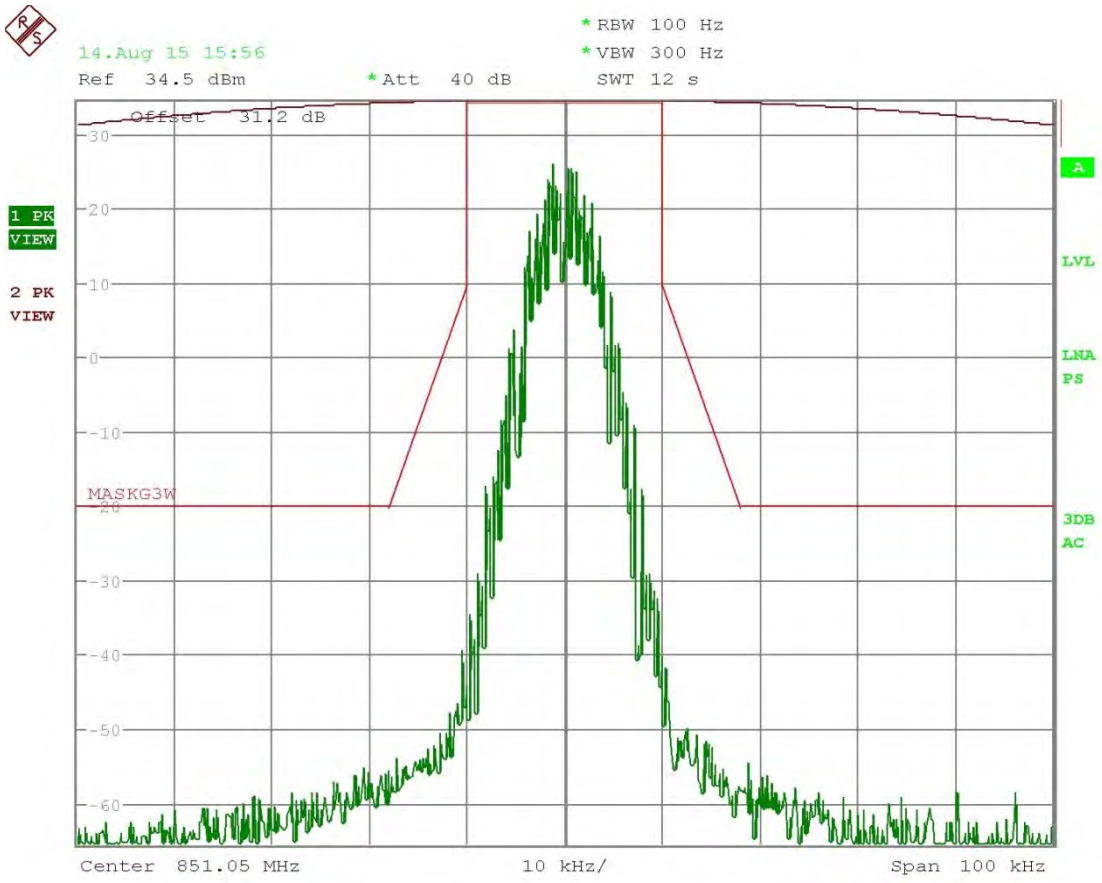
TEST FREQ. 851.05 MHz–8K17F1E/8K17F1D

Part 90.210(g) Emission Mask G – Equipment without Low pass filter



Date: 14.AUG.2015 15:57:00

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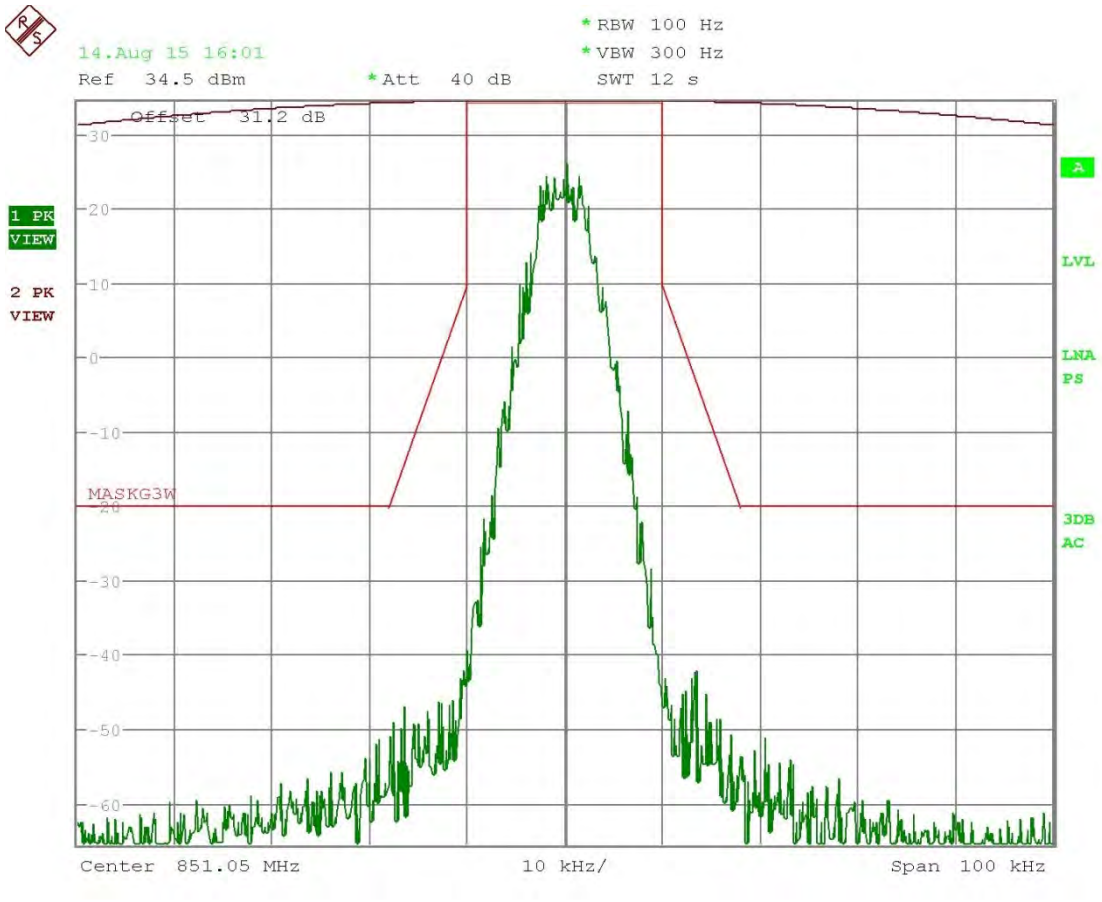
TEST FREQ. 851.05 MHz–7K80FXE/7K80FXD/7K80FXW

Part 90.210(g) Emission Mask G – Equipment without Low pass filter



Date: 14.AUG.2015 16:01:47

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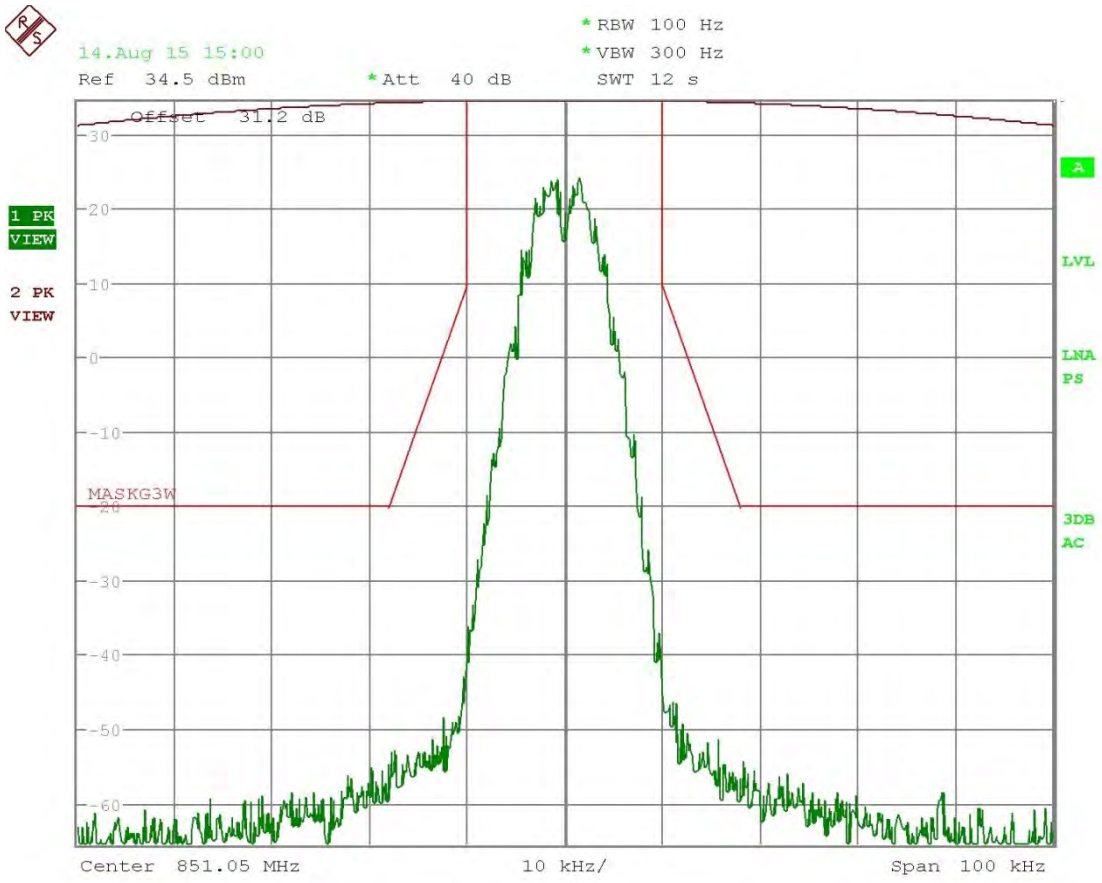
TEST FREQ. 851.05 MHz–8K87F2E

Part 90.210(g) Emission Mask G – Equipment without Low pass filter



Date: 14.AUG.2015 15:00:07

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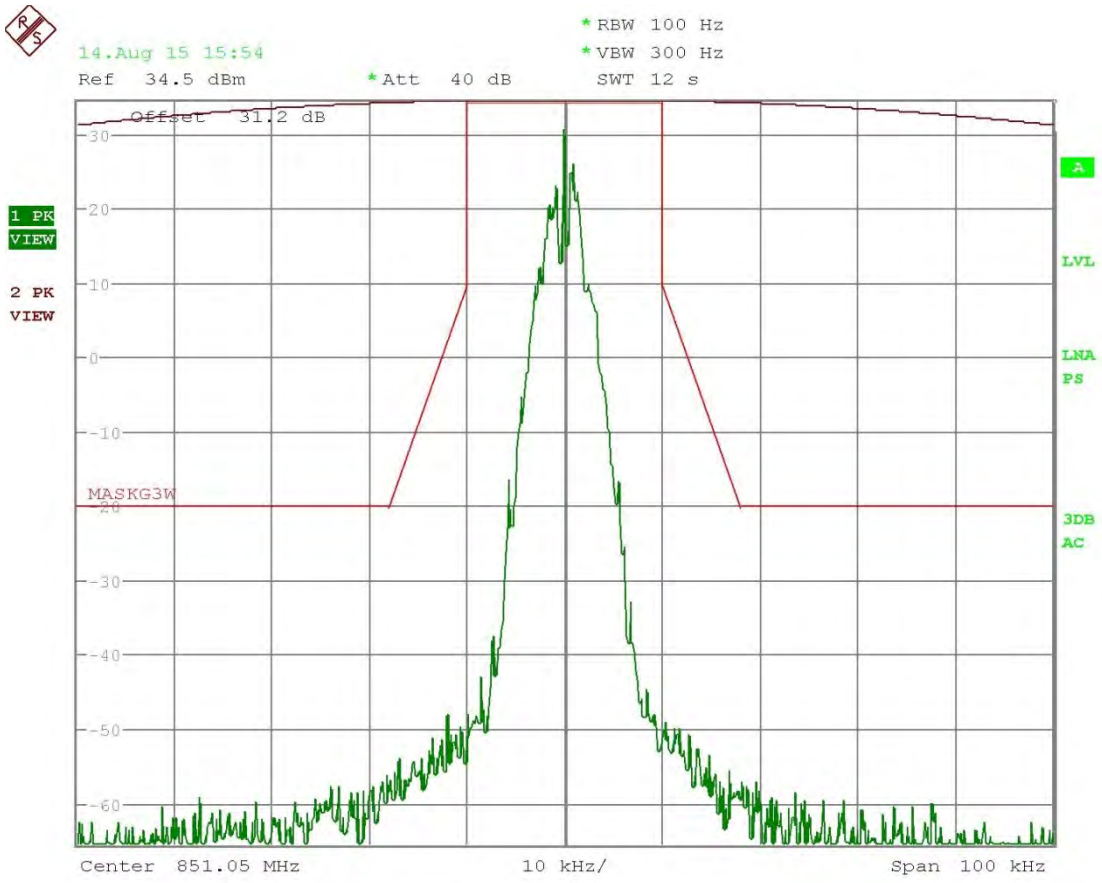
TEST FREQ. 851.05 MHz–5K41F2E

Part 90.210(g) Emission Mask G – Equipment without Low pass filter



Date: 14.AUG.2015 15:54:33

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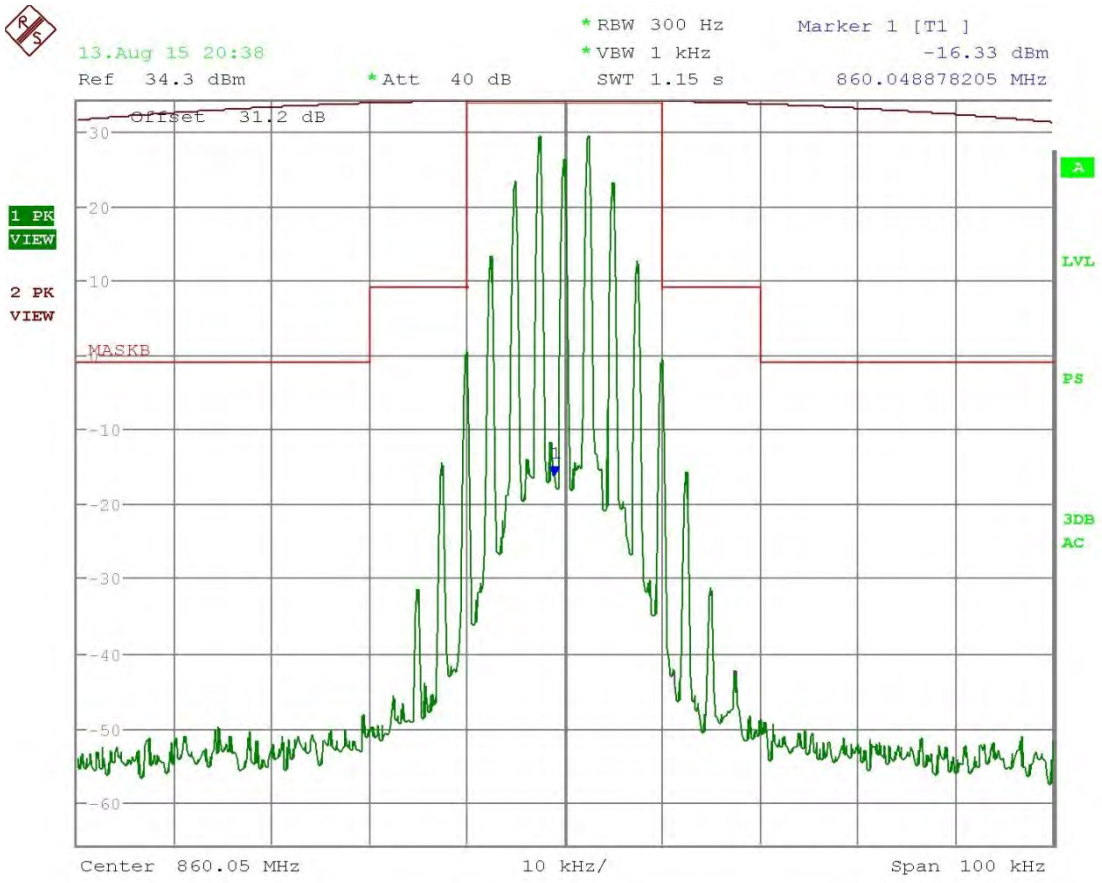
OCCUPIED BANDWIDTH

TEST FREQ. 860.05 MHz–16k0F3E

Part 90.210(b) Emission Mask B – Equipment with audio Low pass filter



Date: 13.AUG.2015 20:38:24

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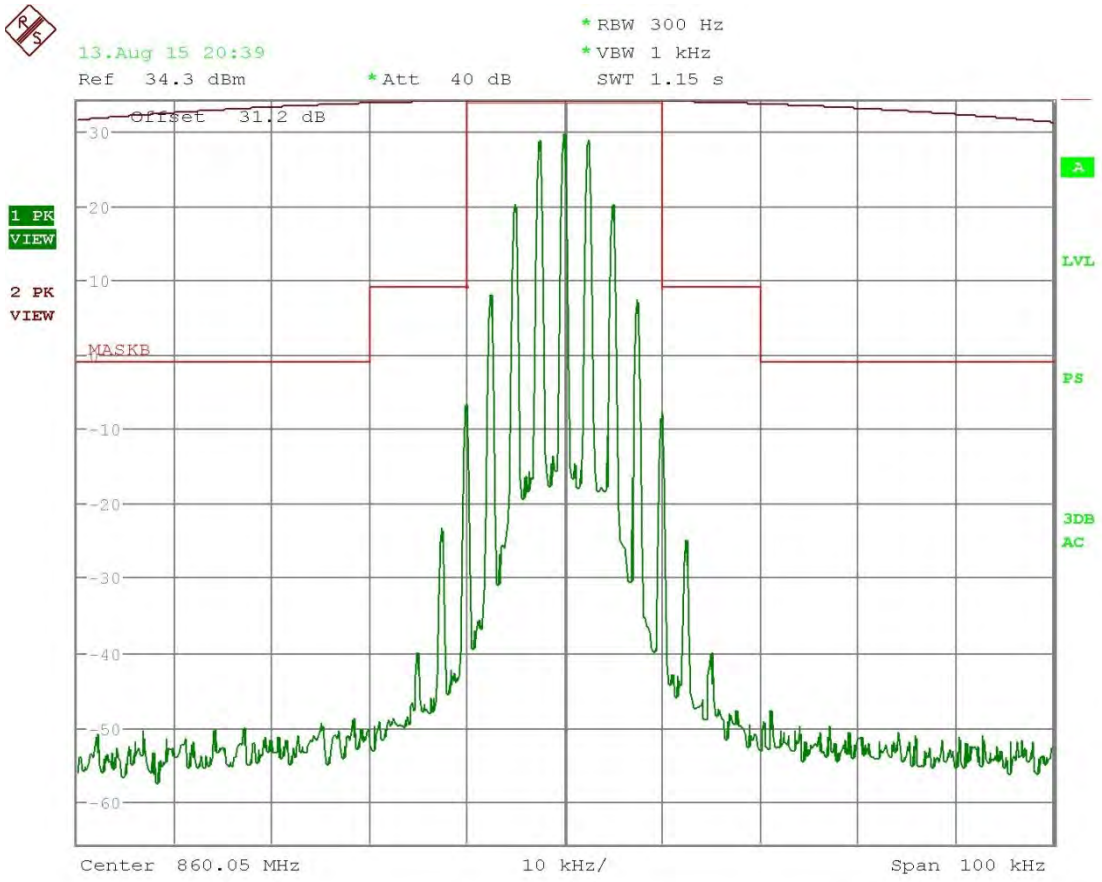
OCCUPIED BANDWIDTH

TEST FREQ. 860.05 MHz–14k0F3E

Part 90.210(b) Emission Mask B – Equipment with audio Low pass filter



Date: 13.AUG.2015 20:39:22

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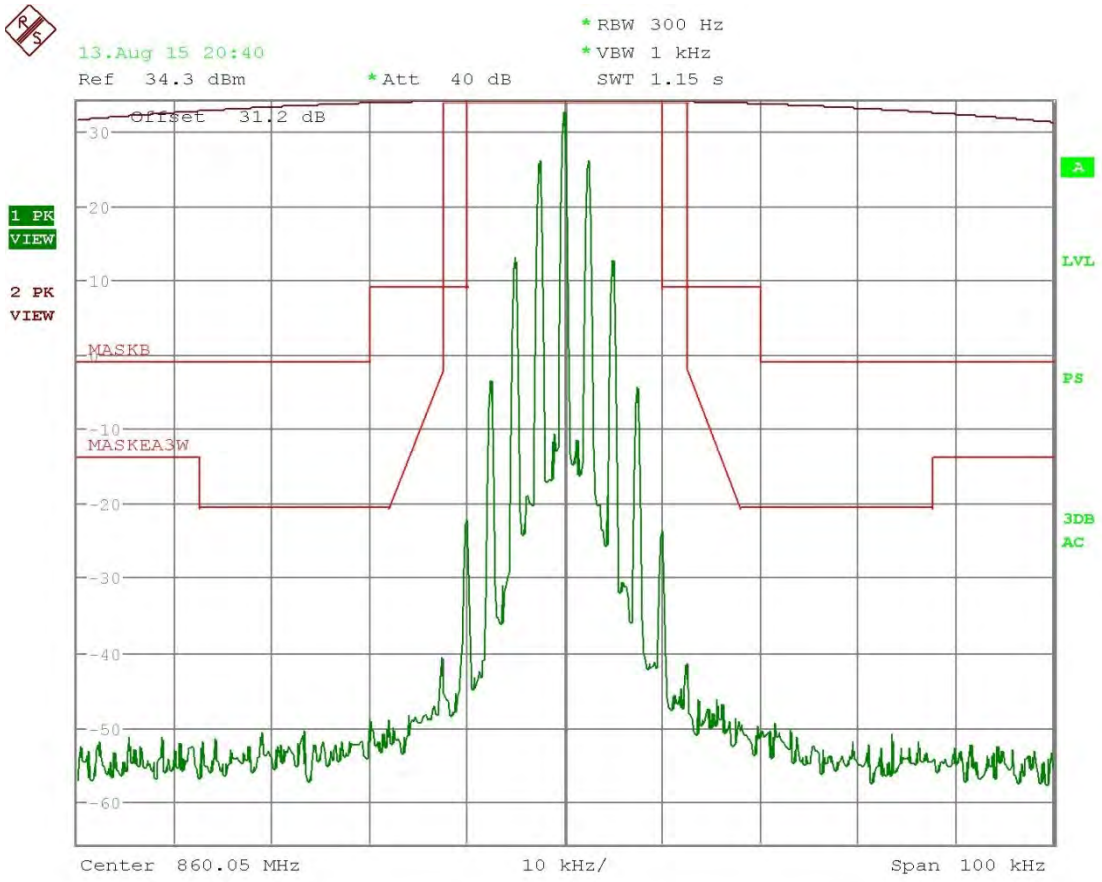
OCCUPIED BANDWIDTH

TEST FREQ. 860.05 MHz–11k0F3E

Part 90.210(b) Emission Mask B – Equipment with audio Low pass filter



Date: 13.AUG.2015 20:40:41

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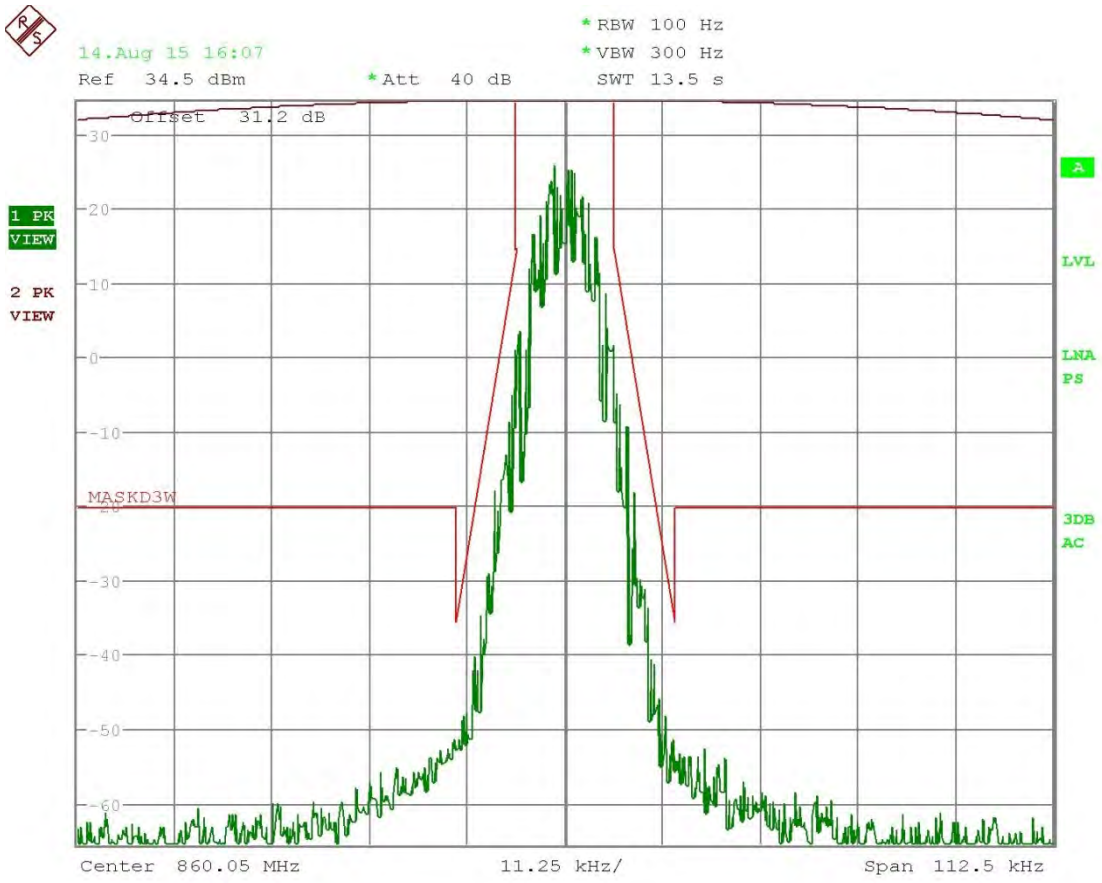
TEST FREQ. 860.05 MHz–8K17F1E/8K17F1D

Part 90.210(g) Emission Mask G – Equipment without Low pass filter



Date: 14.AUG.2015 16:07:43

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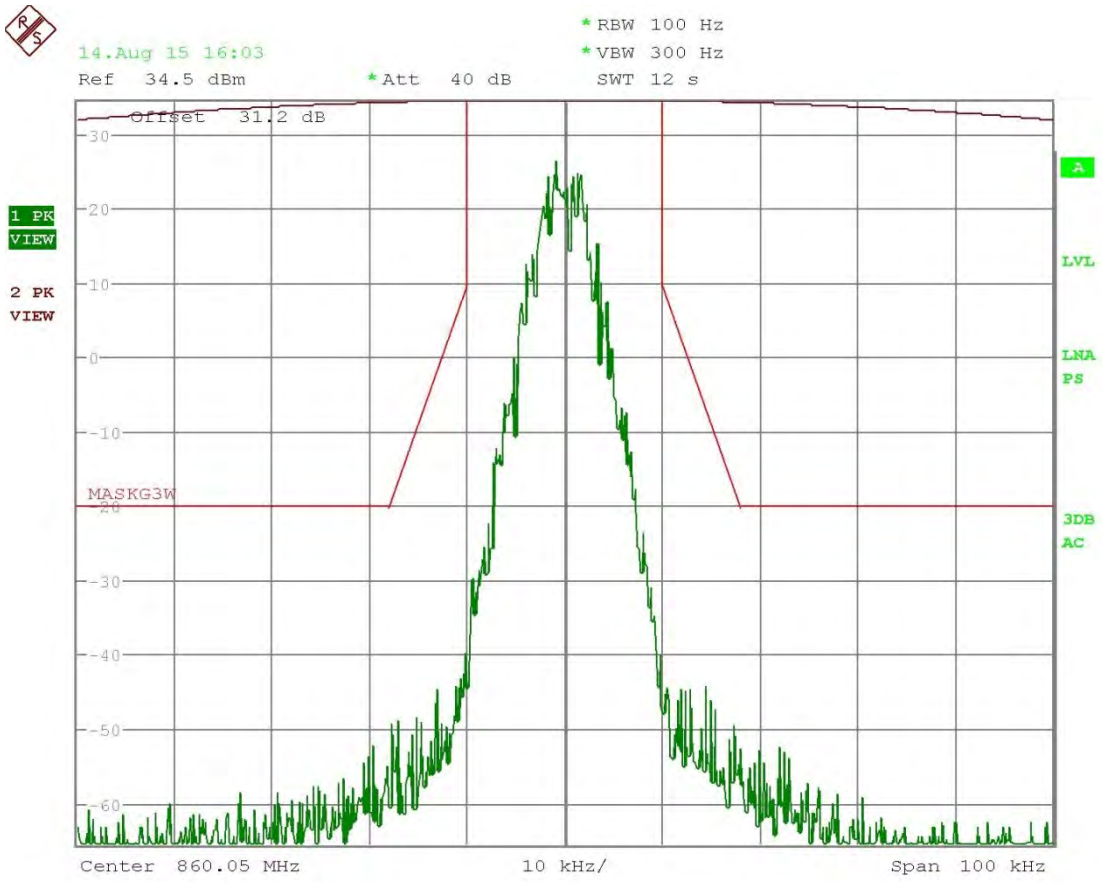
OCCUPIED BANDWIDTH

TEST FREQ. 860.05 MHz–7K80FXE/7K80FXD/7K80FXW

Part 90.210(g) Emission Mask G – Equipment without Low pass filter



Date: 14.AUG.2015 16:03:57

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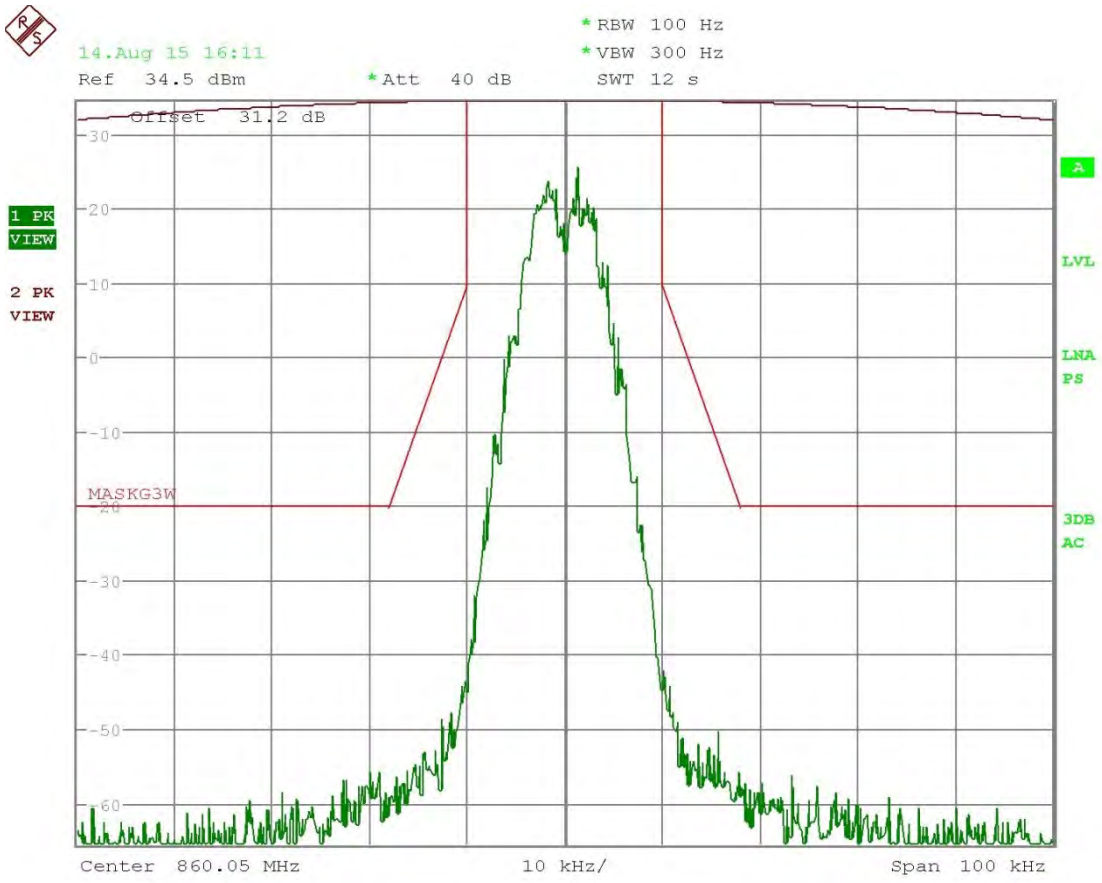
TEST FREQ. 860.05 MHz–8K87F2E

Part 90.210(g) Emission Mask G – Equipment without Low pass filter



Date: 14.AUG.2015 16:11:58

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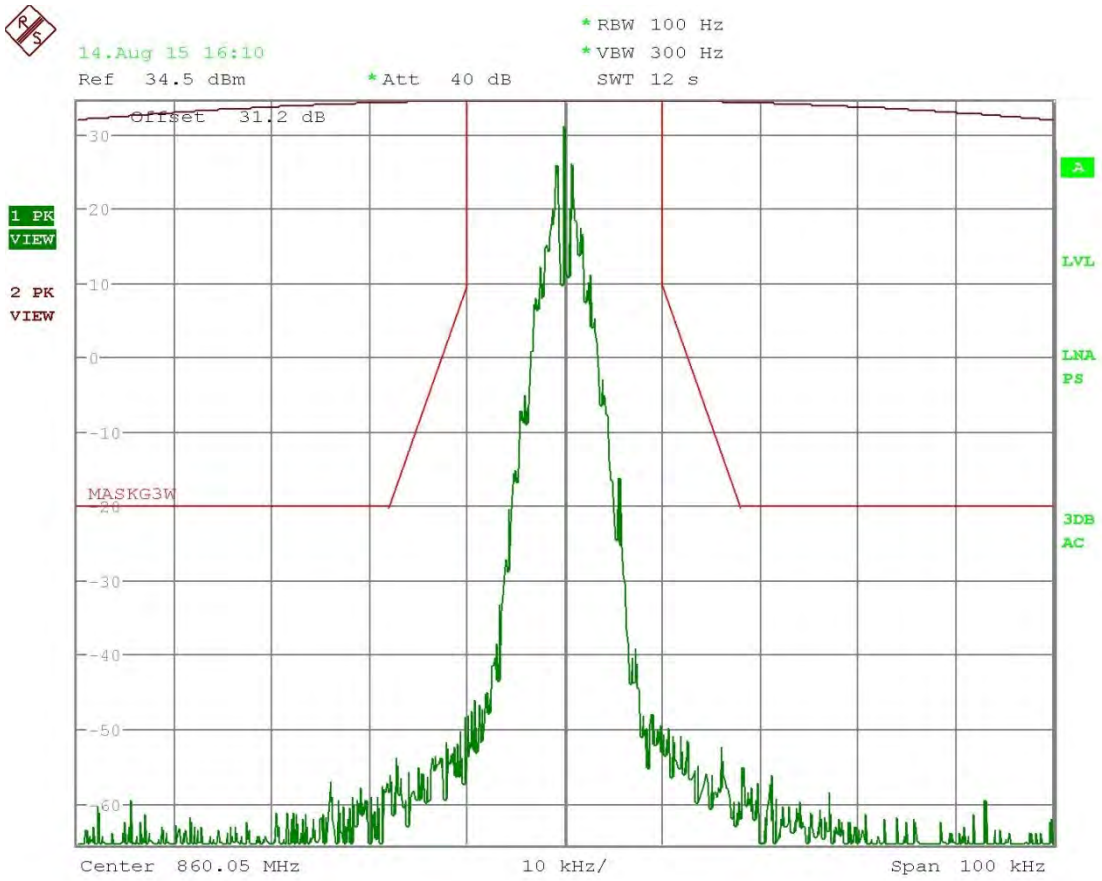
TEST FREQ. 860.05 MHz–5K41F2E

Part 90.210(g) Emission Mask G – Equipment without Low pass filter



Date: 14.AUG.2015 16:10:53

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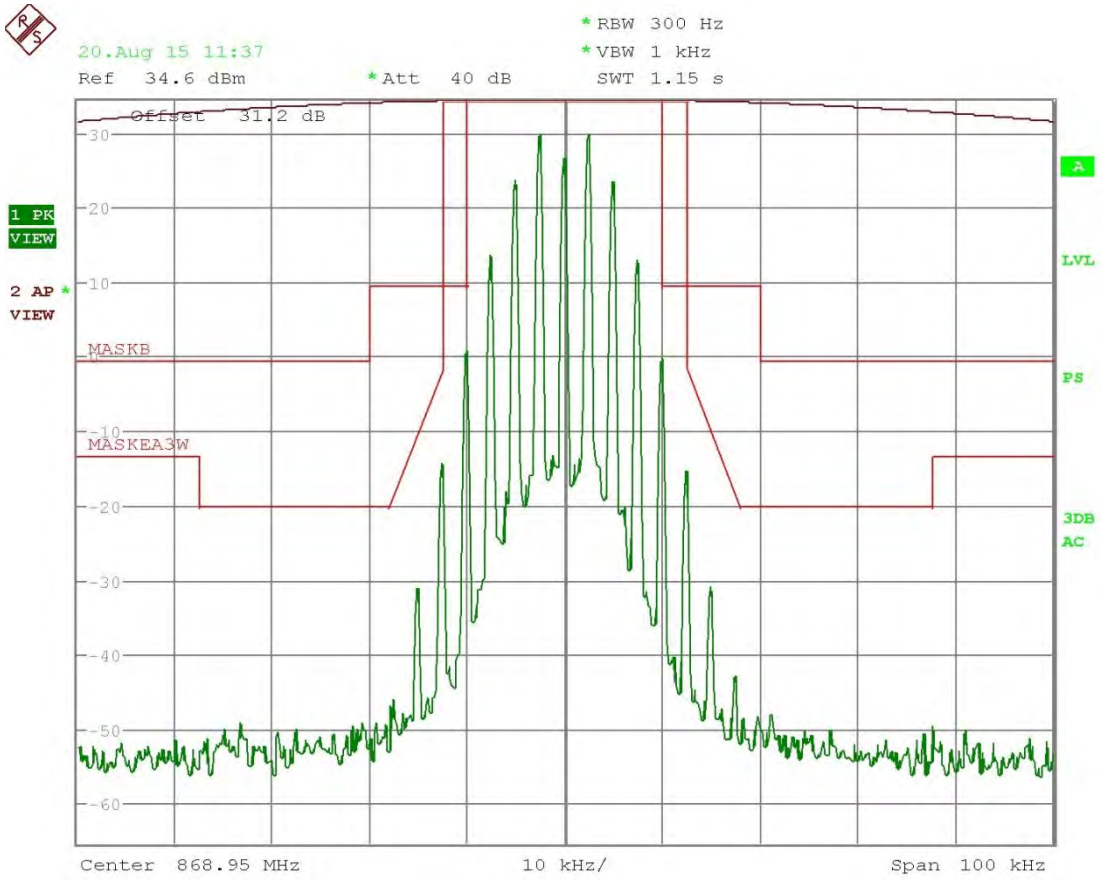
OCCUPIED BANDWIDTH

TEST FREQ. 868.95 MHz–16k0F3E

Part 90.210(b) Emission Mask B – Equipment with audio Low pass filter
Part 90.691(a) Emission Mask EA – EA-based systems



Date: 20.AUG.2015 11:37:33

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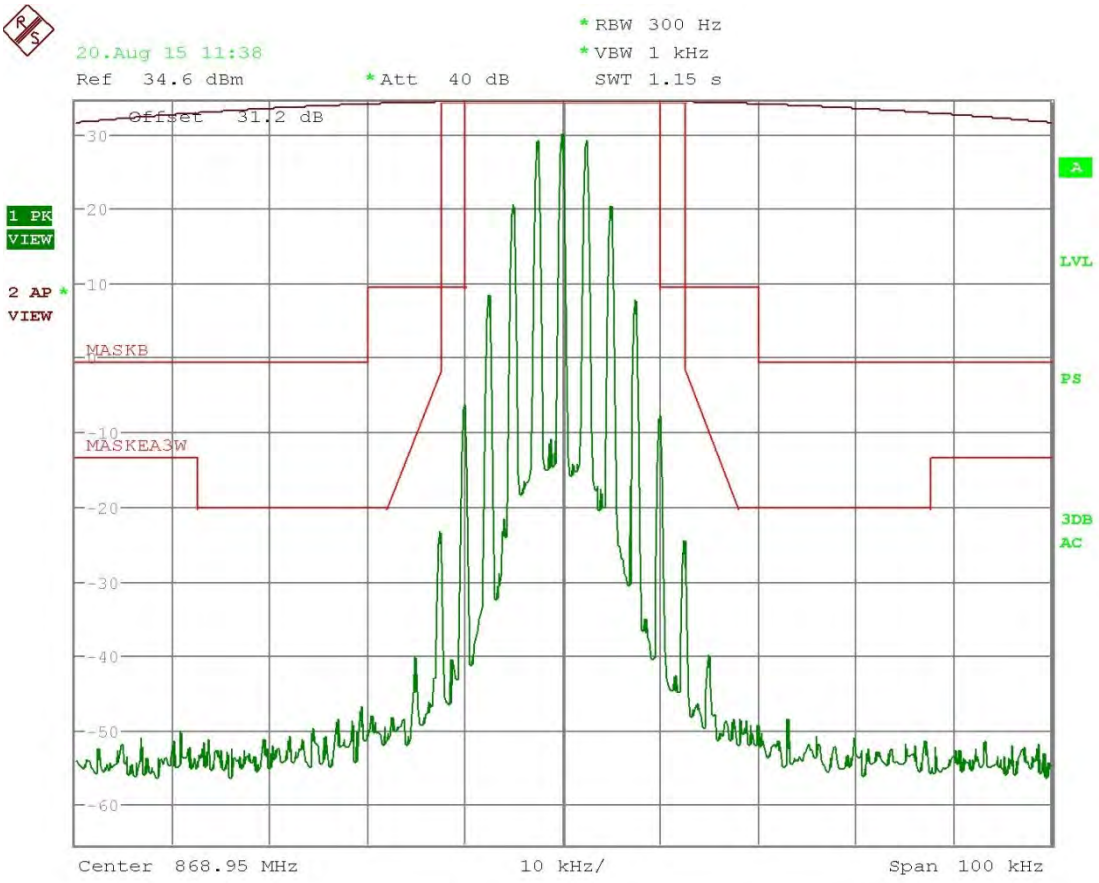
TEST FREQ. 868.95 MHz–14k0F3E

Part 90.210(b) Emission Mask B – Equipment with audio Low pass filter
Part 90.691(a) Emission Mask EA – EA-based systems



Date: 20.AUG.2015 11:38:16

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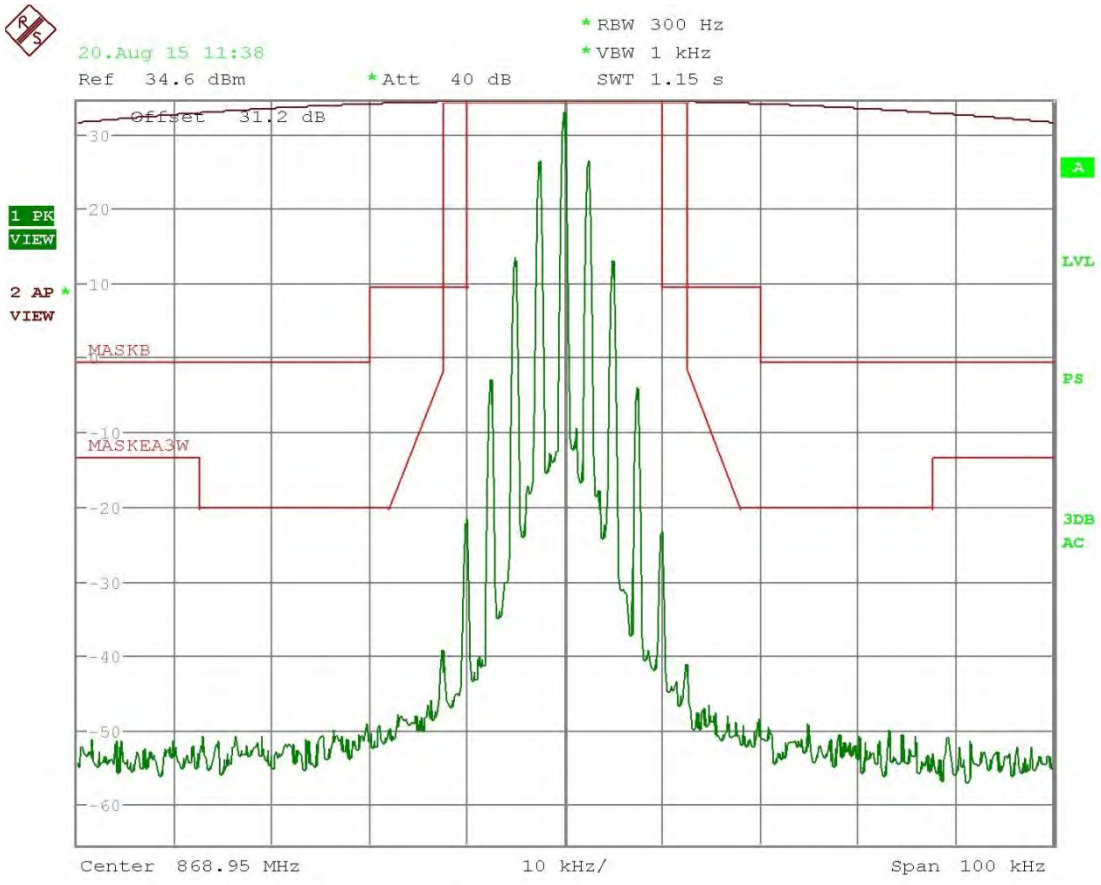
TEST FREQ. 868.95 MHz–11k0F3E

Part 90.210(b) Emission Mask B – Equipment with audio Low pass filter
Part 90.691(a) Emission Mask EA – EA-based systems



Date: 20.AUG.2015 11:38:58

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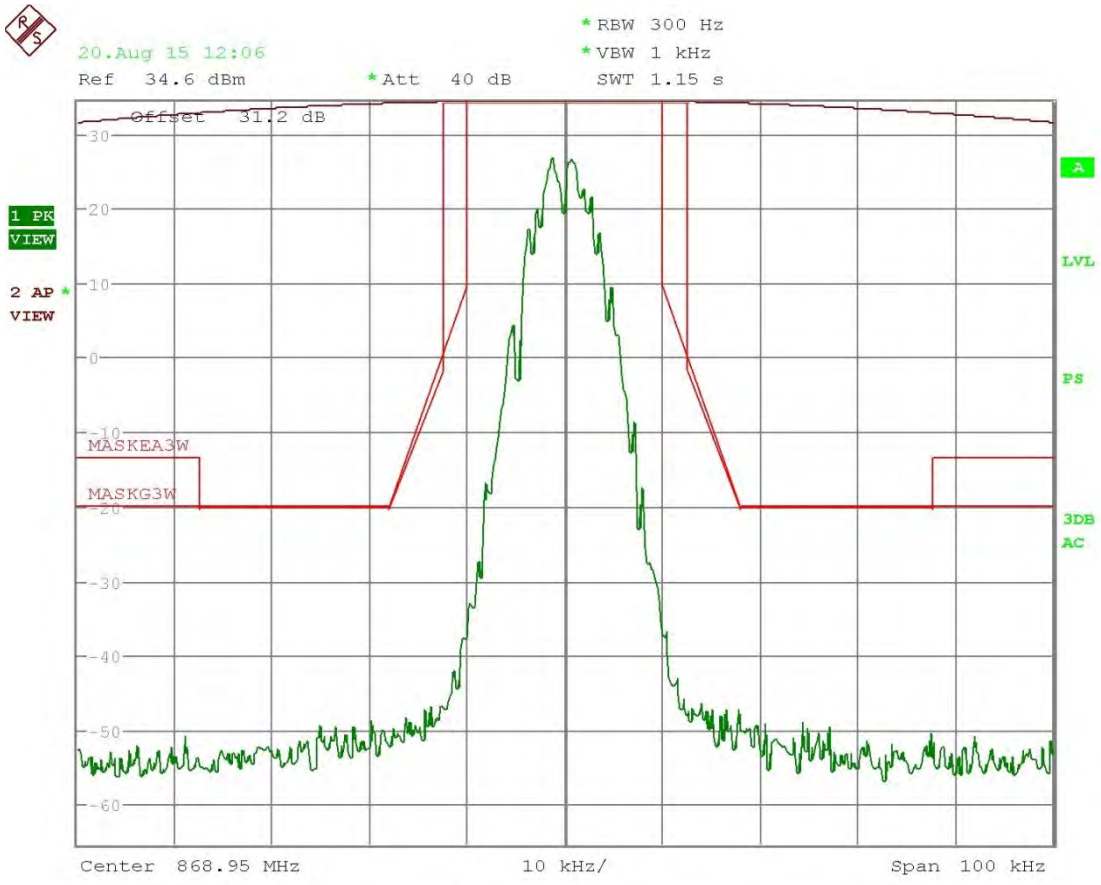
TEST FREQ. 868.95 MHz–8K17F1E/8K17F1D

Part 90.210(g) Emission Mask G – Equipment without Low pass filter
Part 90.691(a) Emission Mask EA – EA-based systems



Date: 20.AUG.2015 12:06:55

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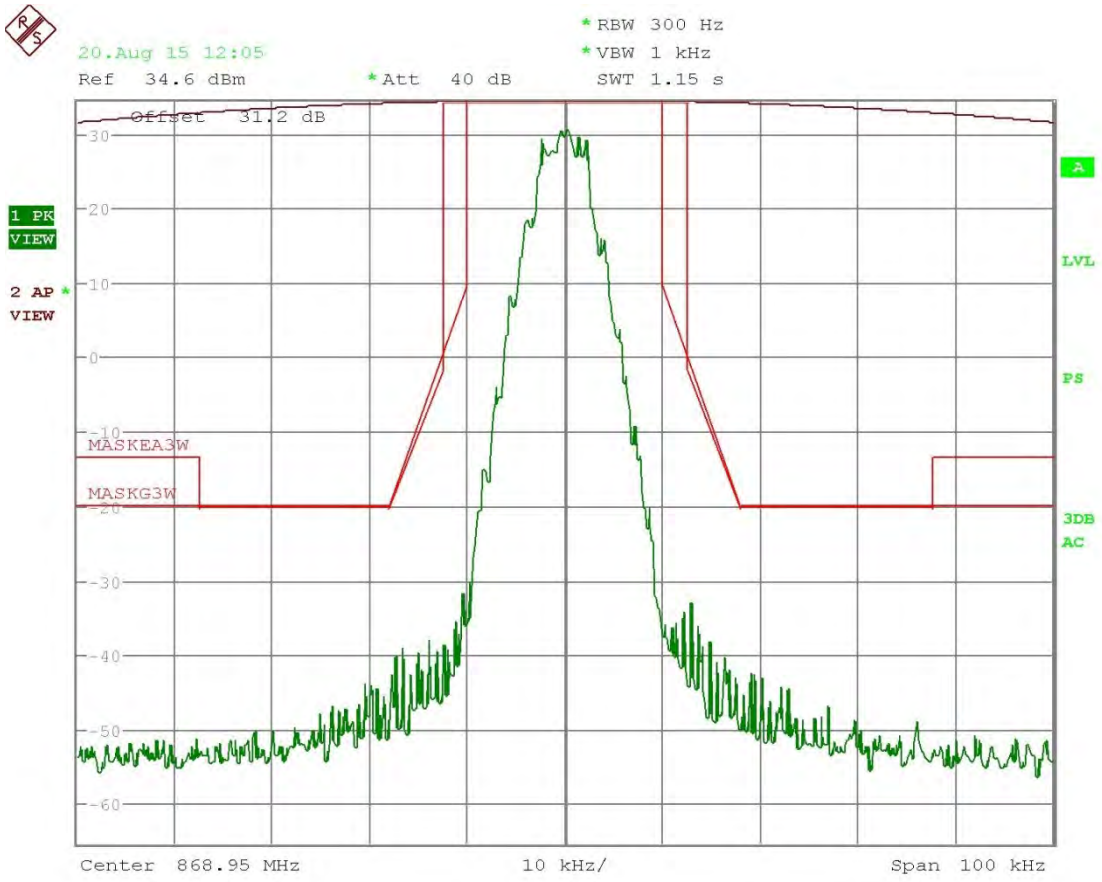
TEST FREQ. 868.95 MHz–7K80FXE/7K80FXD/7K80FXW

Part 90.210(g) Emission Mask G – Equipment without Low pass filter
Part 90.691(a) Emission Mask EA – EA-based systems



Date: 20.AUG.2015 12:05:59

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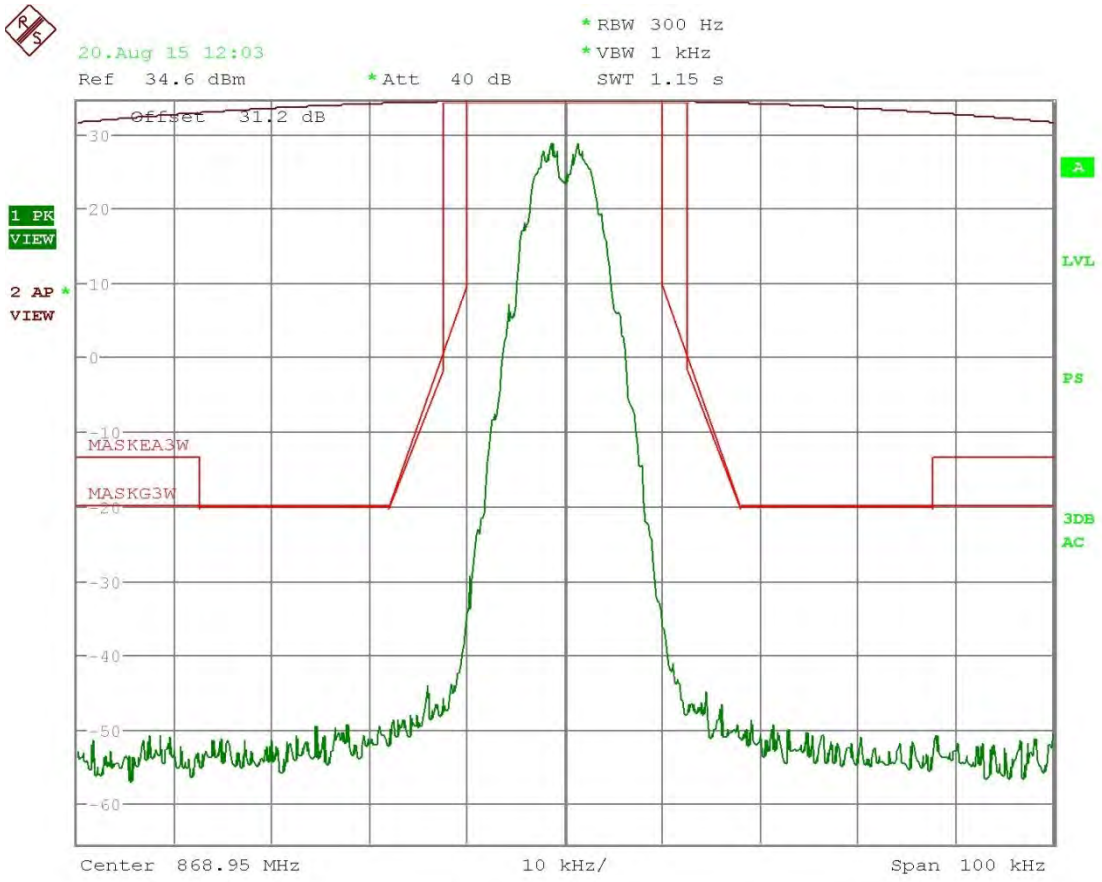
TEST FREQ. 868.95 MHz–8K87F2E

Part 90.210(g) Emission Mask G – Equipment without Low pass filter
Part 90.691(a) Emission Mask EA – EA-based systems



Date: 20.AUG.2015 12:03:58

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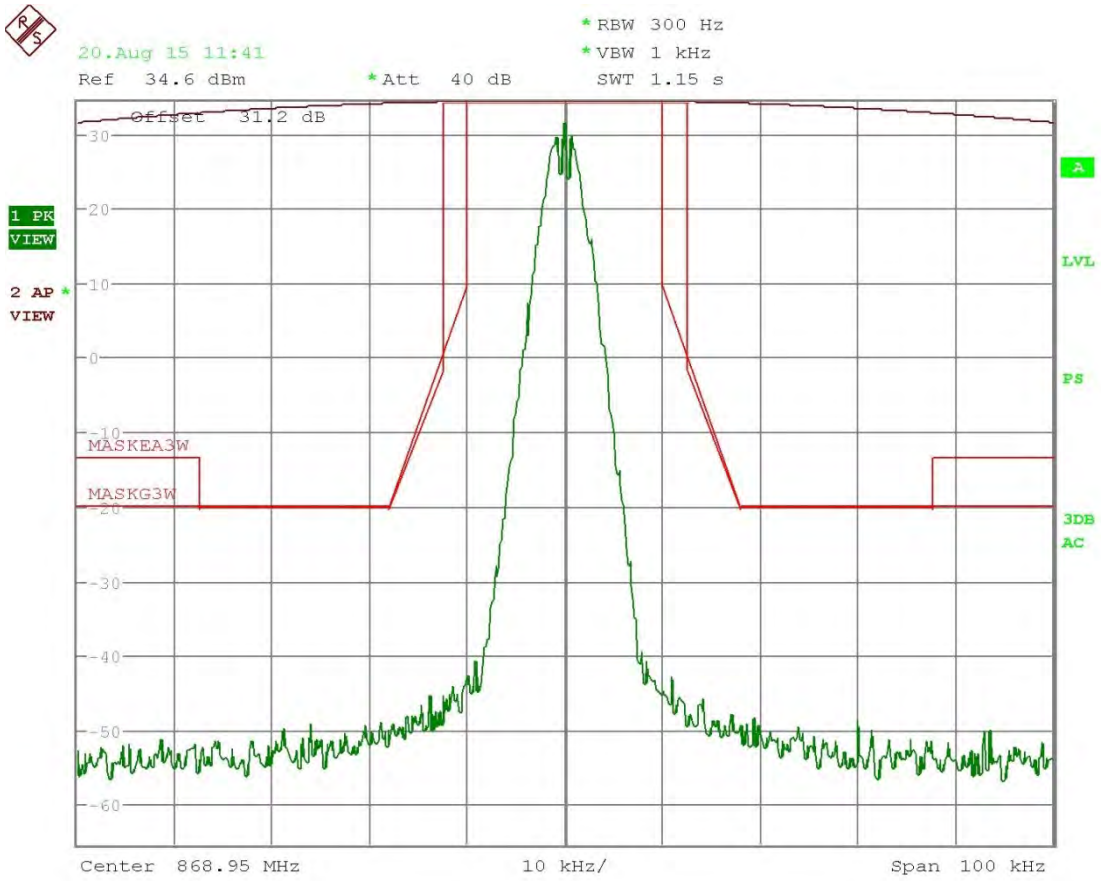
OCCUPIED BANDWIDTH

TEST FREQ. 868.95 MHz–5K41F2E

Part 90.210(g) Emission Mask G – Equipment without Low pass filter
Part 90.691(a) Emission Mask EA – EA-based systems



Date: 20.AUG.2015 11:41:21

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ADJACENT CHANNEL POWER (ACP)

RULE PARTS. NO.: 90.543(a)

REQUIREMENTS: Transmitters designed to operate in the 769-775 MHz and 799-805 MHz frequency bands must meet the emission limitations.

12.5 kHz Mobile Transmitter ACP Requirements		
Offset from center frequency	Measurement bandwidth	Maximum ACP relative
(kHz)	(kHz)	(dBc)
9.375	6.25	−40
15.625	6.25	−60
21.875	6.25	−60
37.5	25	−60
62.5	25	−65
87.5	25	−65
150	100	−65
250	100	−65
350	100	−65
>400 to 12 MHz	30 (s)	−75
12 MHz to paired receive band	30 (s)	−75
In the paired receive band	30 (s)	−100

25 kHz Mobile Transmitter ACP Requirements		
Offset from center frequency	Measurement bandwidth	Maximum ACP relative
(kHz)	(kHz)	(dBc)
15.625	6.25	−40
21.875	6.25	−60
37.5	25	−60
62.5	25	−65
87.5	25	−65
150	100	−65
250	100	−65
350	100	−65
>400 kHz to 12 MHz	30 (s)	−75
12 MHz to paired receive band	30 (s)	−75
In the paired receive band	30 (s)	−100

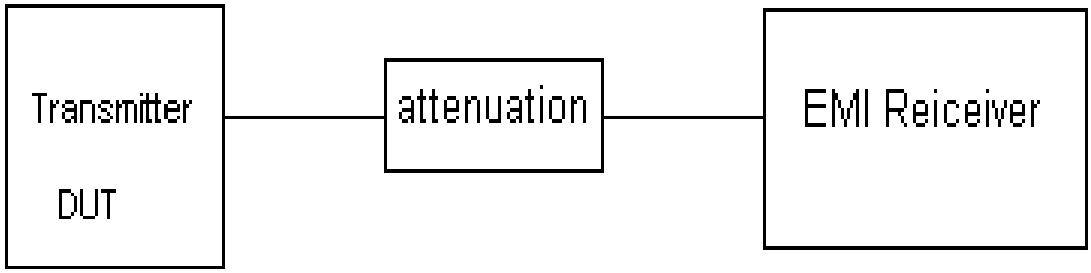
(s) Indicates that a swept measurement may be used.

ADJACENT CHANNEL POWER (ACP)

TEST PROCEEDURE: ANSI/TIA-603 § 2.2.14 Adjacent Channel Power Ratio
FCC Part 90.543(b) ACP Measurement Procedure

1. All the measurement are made at the transmitter's antenna port.
2. The ACP was made with the EMI receiver which has a direct ACP function.
3. The Nominal RBW was less than 2% of the measurement BW

TEST SETUP DIAGRAM:



TEST DATA: See the plots on the following pages

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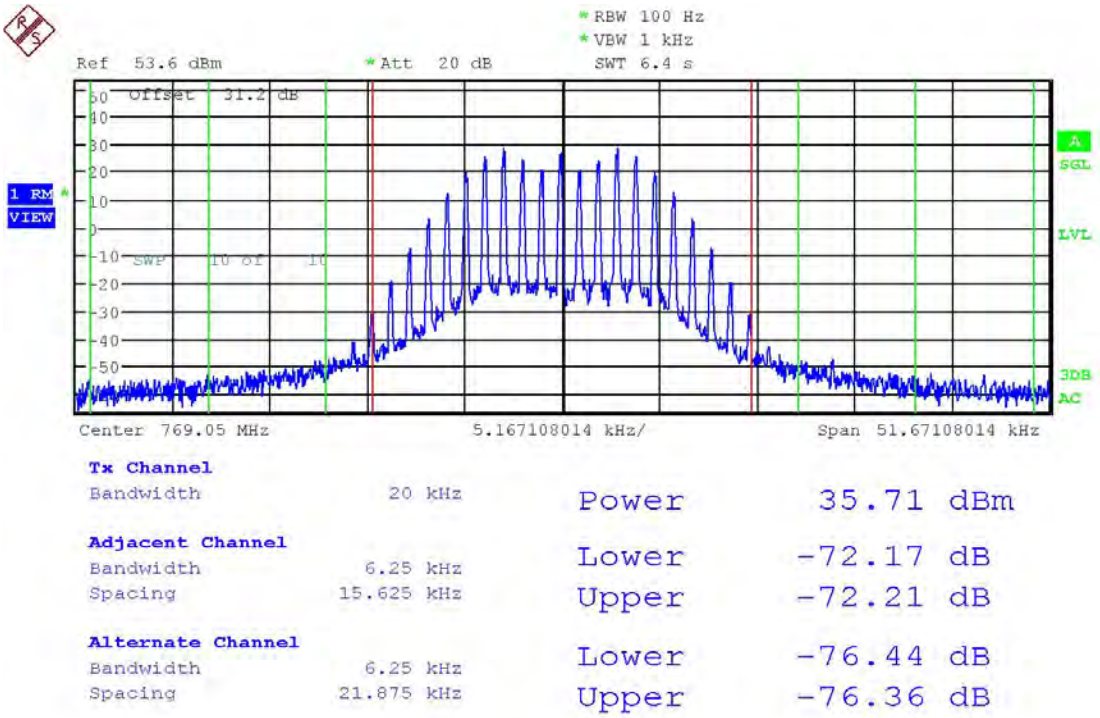
ADJACENT CHANNEL POWER (ACP)

TEST FREQ. 769.05 MHz-16K0F3E

6.25 KHz Measurement Bandwidth



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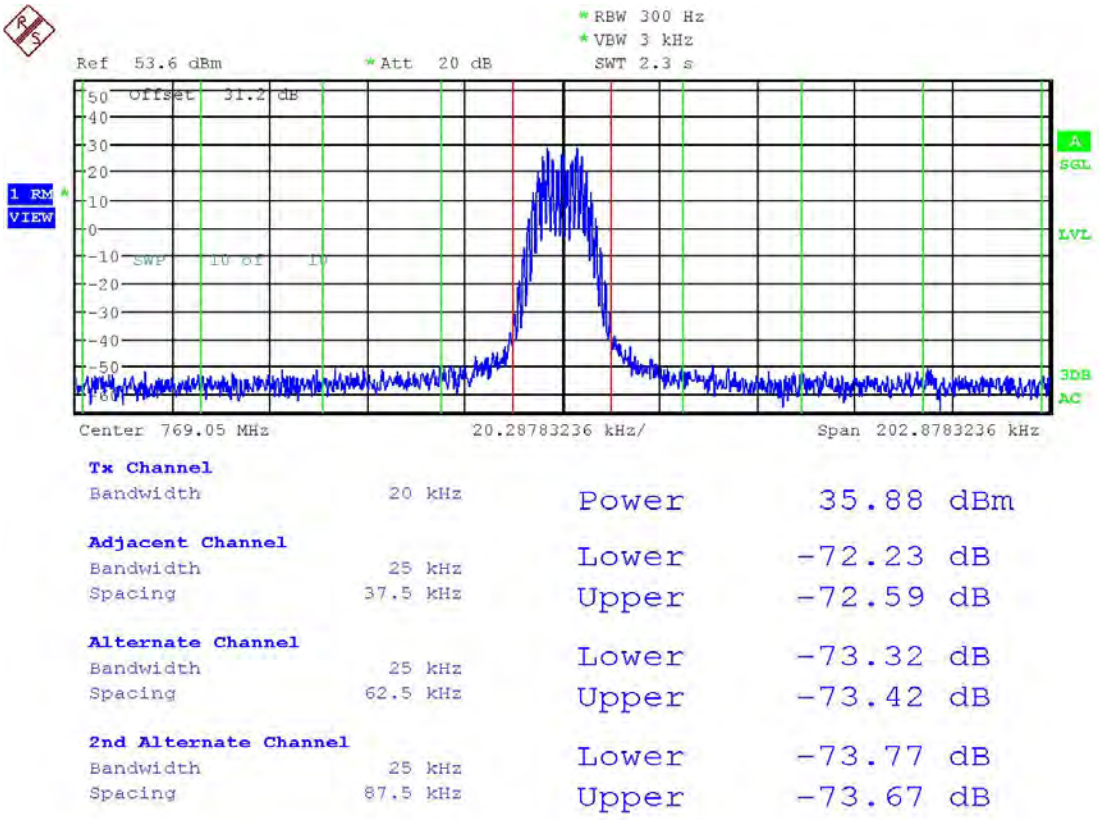
ADJACENT CHANNEL POWER (ACP)

TEST FREQ. 769.05 MHz-16K0F3E

25 KHz Measurement Bandwidth



Date: 17.AUG.2015 16:36:08

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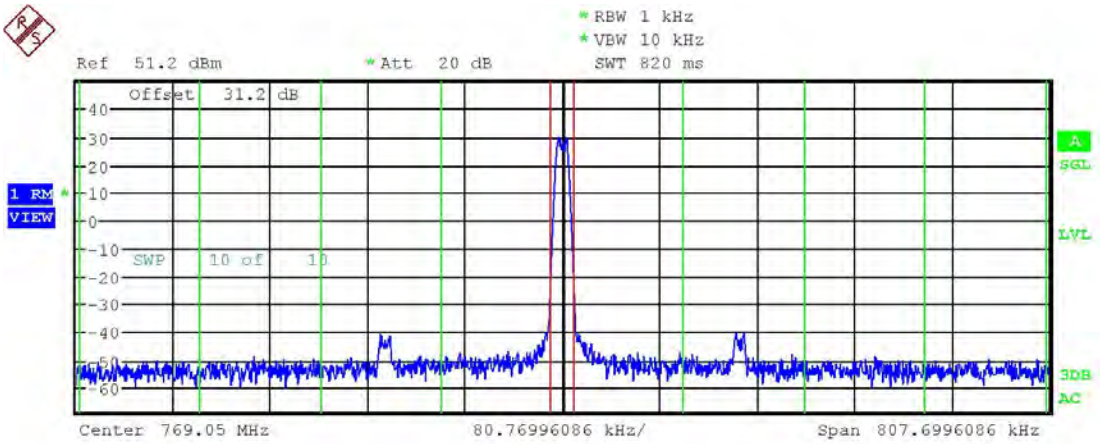
ADJACENT CHANNEL POWER (ACP)

TEST FREQ. 769.05 MHz-16K0F3E

100 KHz Measurement Bandwidth



Tx Channel			
Bandwidth	20 kHz	Power	37.90 dBm
Adjacent Channel			
Bandwidth	100 kHz	Lower	-68.55 dB
Spacing	150 kHz	Upper	-68.48 dB
Alternate Channel			
Bandwidth	100 kHz	Lower	-71.78 dB
Spacing	250 kHz	Upper	-71.71 dB
2nd Alternate Channel			
Bandwidth	100 kHz	Lower	-72.58 dB
Spacing	350 kHz	Upper	-72.14 dB

Date: 17.AUG.2015 16:34:46

Swept 30 KHz Bandwidth Measurement

Offset from center frequency	ACP Limit (dBc)	ACP Level (dBc)		Margin (dB)
>400 KHz to 12 MHz	-75	Upper	-80.5	5.5
		Lower	-79.6	4.6
12 MHz to paired rx band	-75	-83.11		8.1
In the paired rx band	-100	-103.49		3.5

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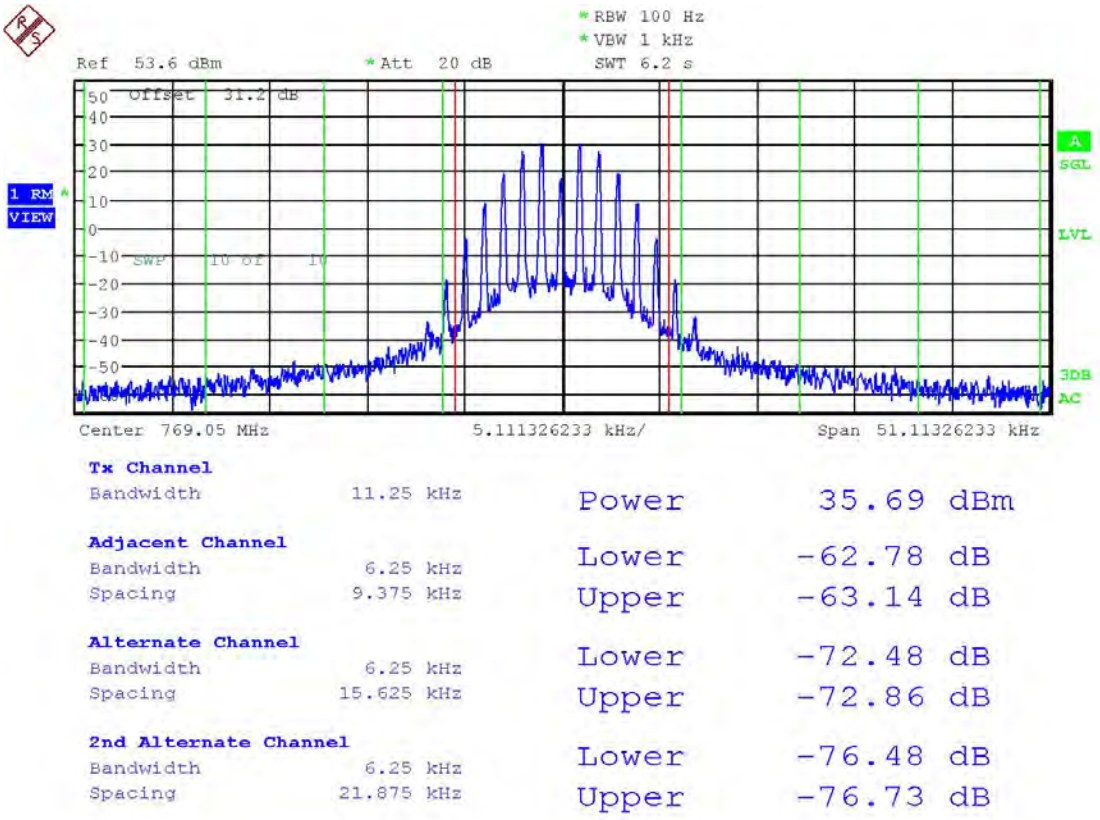
ADJACENT CHANNEL POWER (ACP)

TEST FREQ. 769.05 MHz-11K0F3E

6.25 KHz Measurement Bandwidth



Date: 17.AUG.2015 15:41:27

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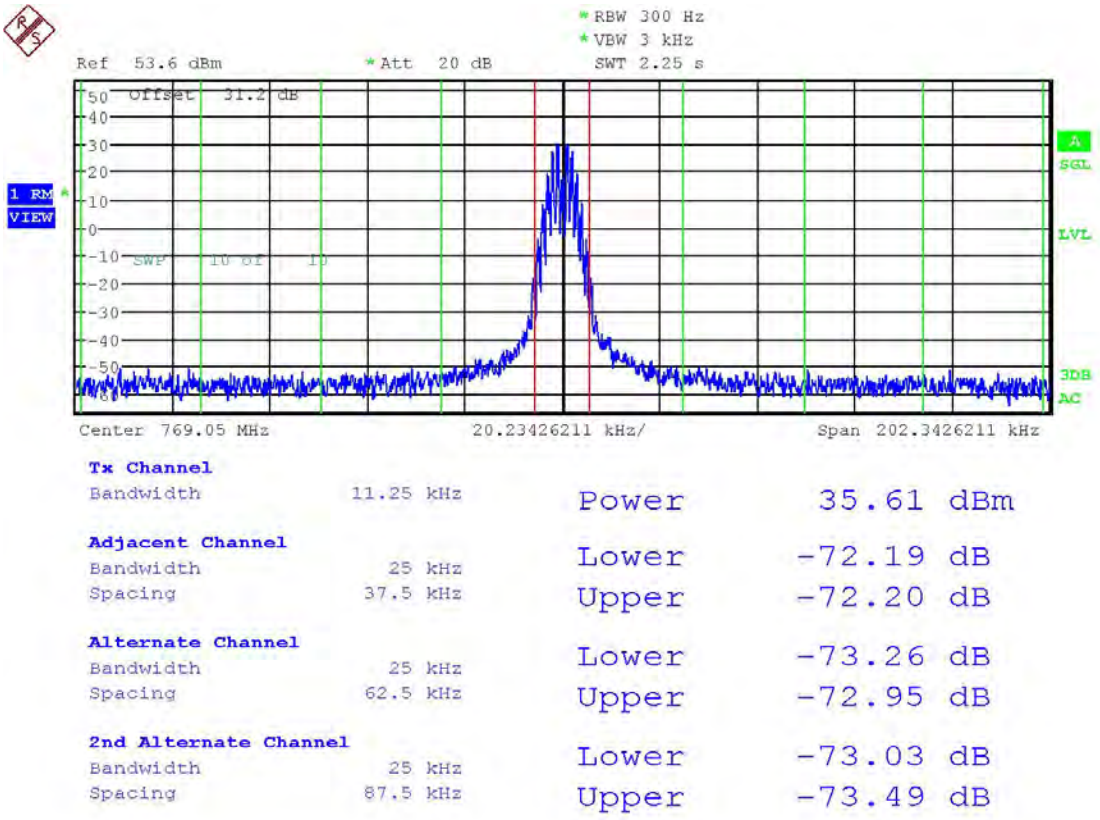
ADJACENT CHANNEL POWER (ACP)

TEST FREQ. 769.05 MHz-11K0F3E

25 KHz Measurement Bandwidth



Date: 17.AUG.2015 15:56:02

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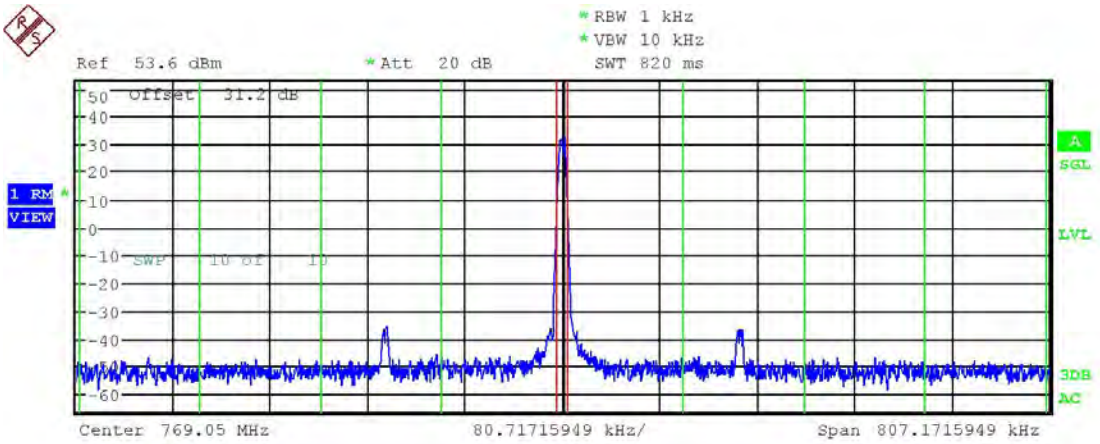
ADJACENT CHANNEL POWER (ACP)

TEST FREQ. 769.05 MHz-11K0F3E

100 KHz Measurement Bandwidth



Tx Channel			
Bandwidth	11.25 kHz	Power	37.65 dBm
Adjacent Channel			
Bandwidth	100 kHz	Lower	-65.78 dB
Spacing	150 kHz	Upper	-65.89 dB
Alternate Channel			
Bandwidth	100 kHz	Lower	-69.79 dB
Spacing	250 kHz	Upper	-69.59 dB
2nd Alternate Channel			
Bandwidth	100 kHz	Lower	-69.94 dB
Spacing	350 kHz	Upper	-69.83 dB

Date: 17.AUG.2015 16:50:54

Swept 30 KHz Bandwidth Measurement

Offset from center frequency	ACP Limit (dBc)	ACP Level (dBc)		Margin (dB)
>400 KHz to 12 MHz	-75	Upper	-79.11	4.1
		Lower	-78.97	4.0
12 MHz to paired rx band	-75		-83.15	8.2
In the paired rx band	-100		-104.12	4.1

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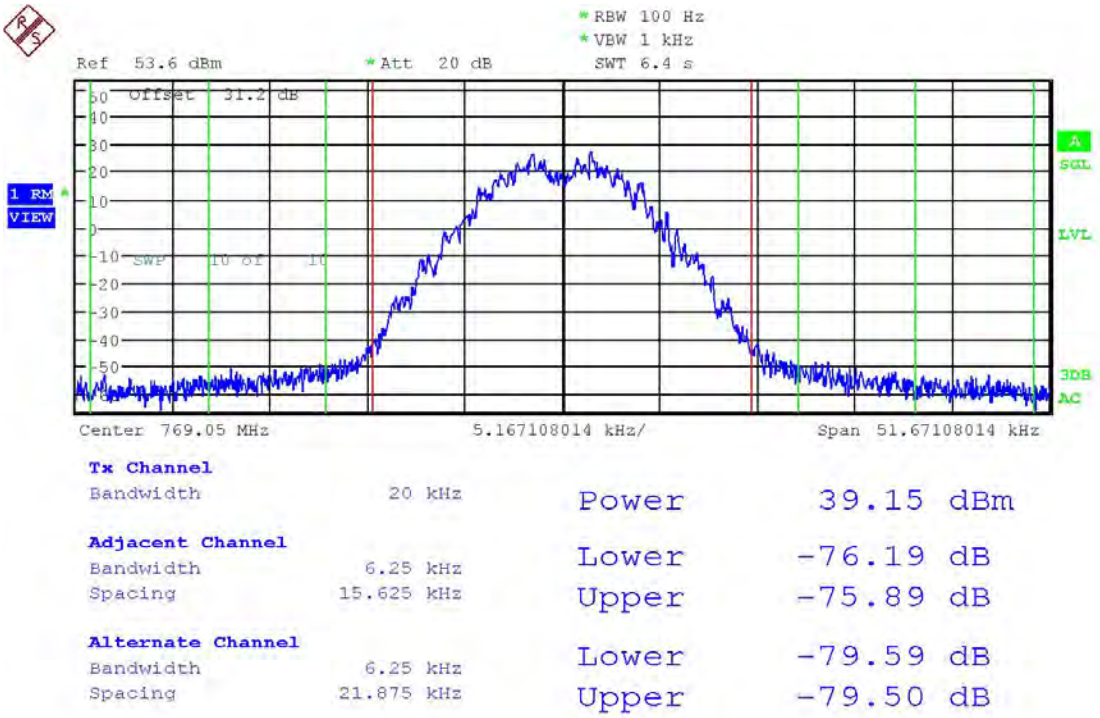
ADJACENT CHANNEL POWER (ACP)

TEST FREQ. 769.05 MHz-8K87F2E

6.25 KHz Measurement Bandwidth



Date: 17.AUG.2015 17:27:05

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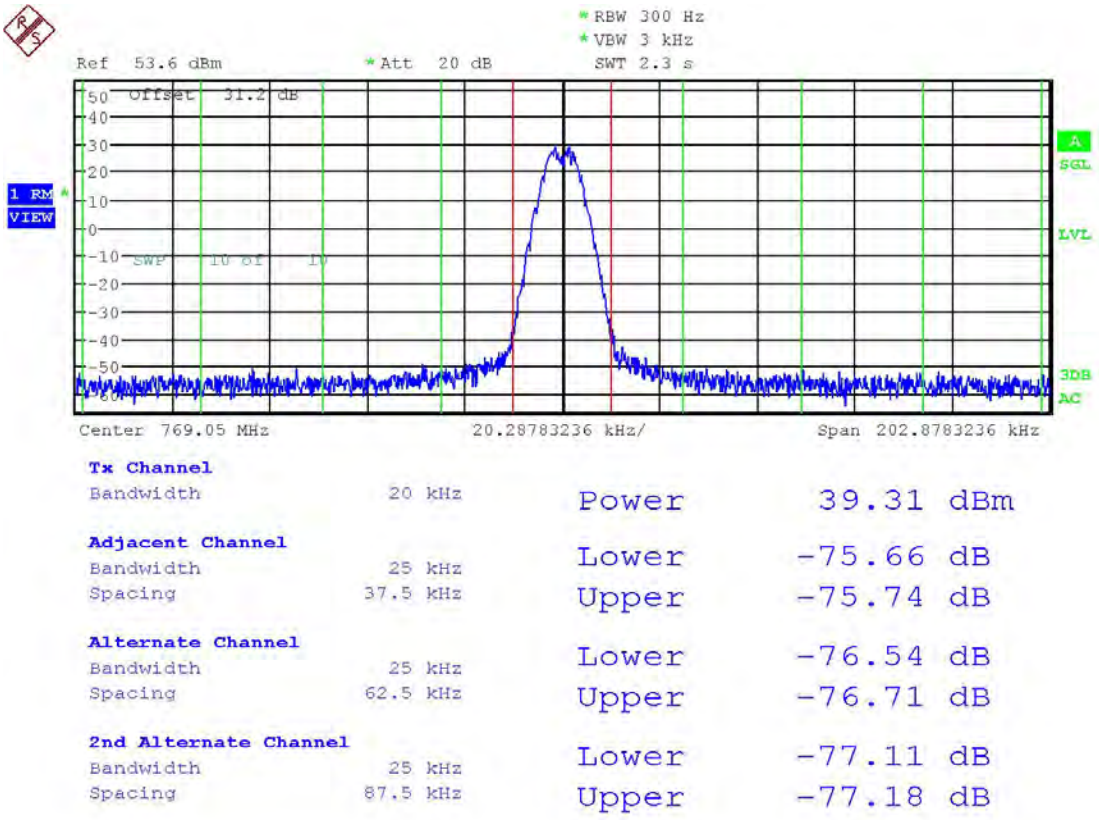
ADJACENT CHANNEL POWER (ACP)

TEST FREQ. 769.05 MHz-8K87F2E

25 KHz Measurement Bandwidth



Date: 17.AUG.2015 17:28:37

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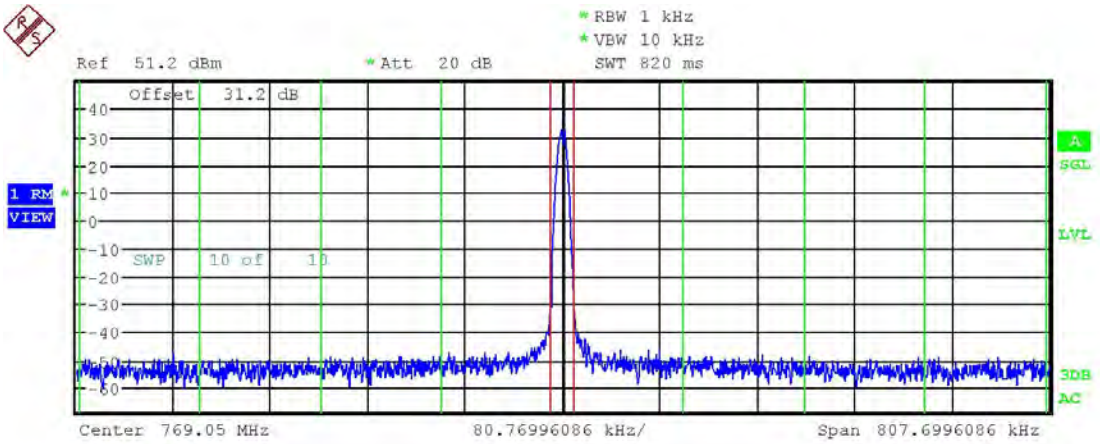
ADJACENT CHANNEL POWER (ACP)

TEST FREQ. 769.05 MHz-8K87F2E

100 KHz Measurement Bandwidth



Tx Channel			
Bandwidth	20 kHz	Power	39.13 dBm
Adjacent Channel			
Bandwidth	100 kHz	Lower	-72.25 dB
Spacing	150 kHz	Upper	-72.16 dB
Alternate Channel			
Bandwidth	100 kHz	Lower	-72.95 dB
Spacing	250 kHz	Upper	-73.15 dB
2nd Alternate Channel			
Bandwidth	100 kHz	Lower	-73.23 dB
Spacing	350 kHz	Upper	-73.11 dB

Date: 17.AUG.2015 17:30:09

Swept 30 KHz Bandwidth Measurement

Offset from center frequency	ACP Limit (dBc)	ACP Level (dBc)		Margin (dB)
>400 KHz to 12 MHz	-75	Upper	-78.61	3.6
		Lower	-79.12	4.1
12 MHz to paired rx band	-75		-84.56	9.6
In the paired rx band	-100		-103.96	4.0

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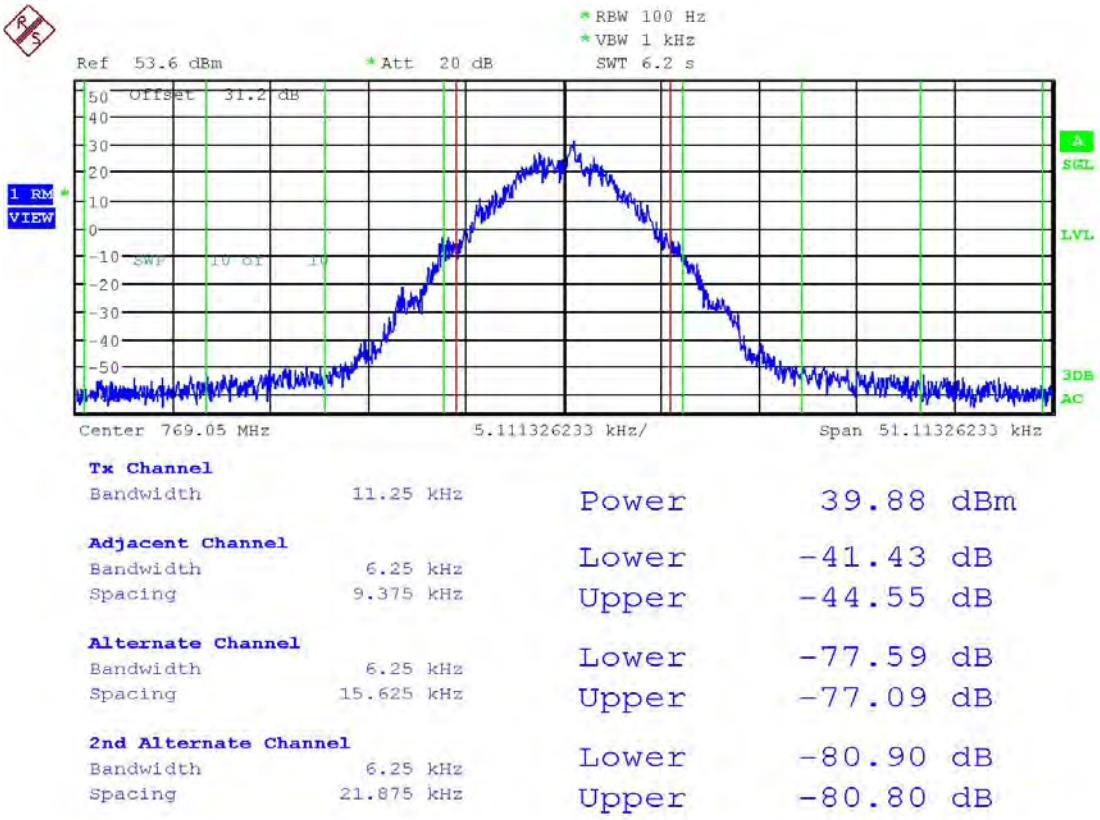
ADJACENT CHANNEL POWER (ACP)

TEST FREQ. 769.05 MHz-8K17F1E/8K17F1D

6.25 KHz Measurement Bandwidth



Date: 24.AUG.2015 14:12:46

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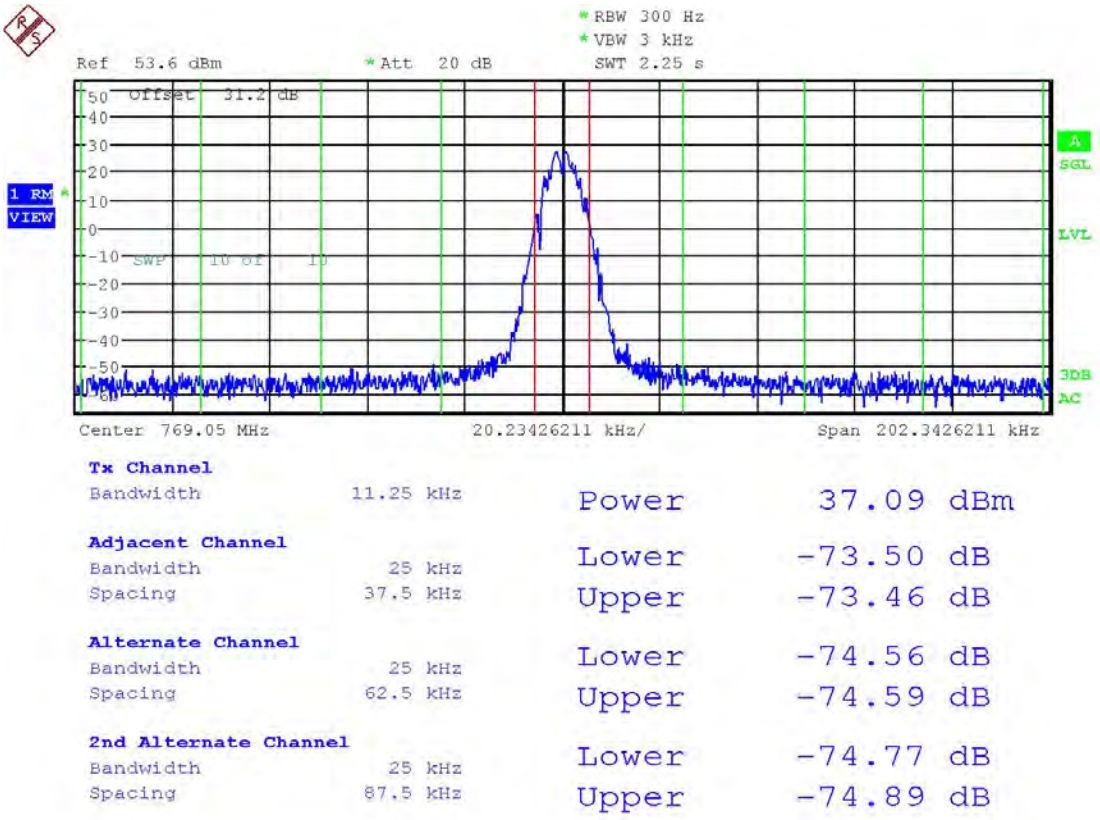
ADJACENT CHANNEL POWER (ACP)

TEST FREQ. 769.05 MHz-8K17F1E/8K17F1D

25 KHz Measurement Bandwidth



Date: 17.AUG.2015 17:22:50

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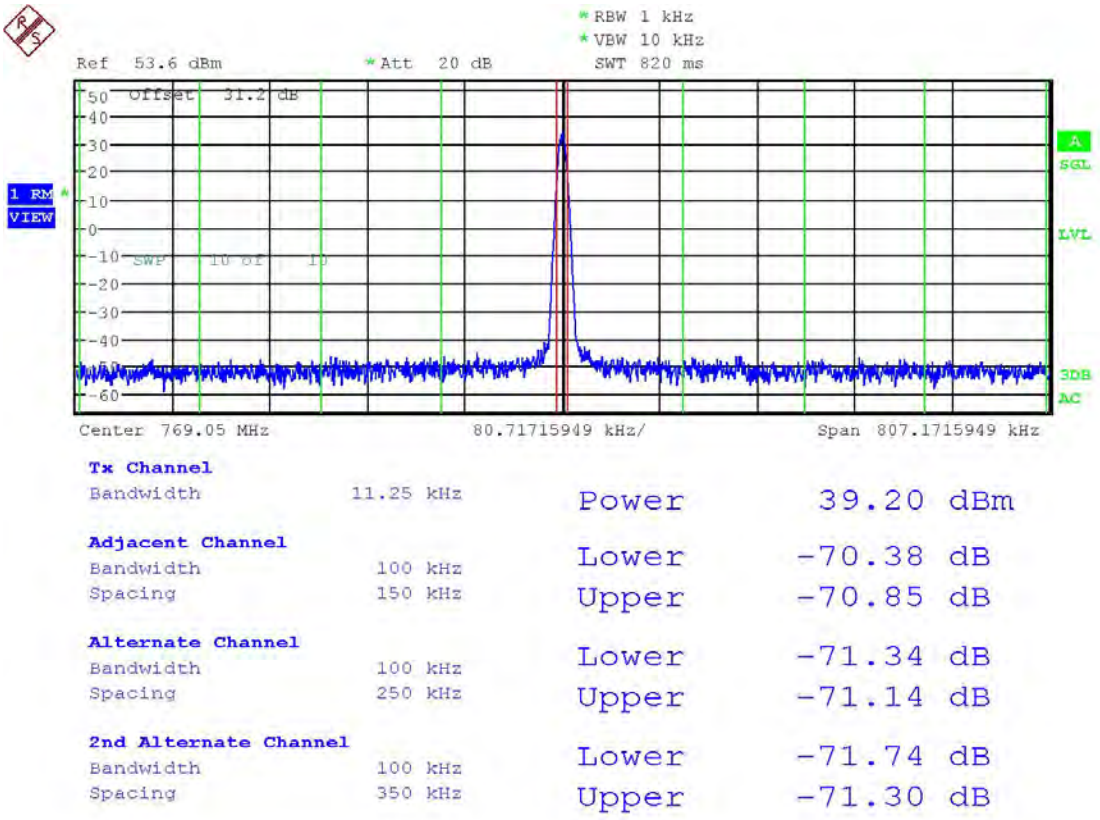
ADJACENT CHANNEL POWER (ACP)

TEST FREQ. 769.05 MHz-8K17F1E/8K17F1D

100 KHz Measurement Bandwidth



Date: 17.AUG.2015 17:23:27

Swept 30 KHz Bandwidth Measurement

Offset from center frequency	ACP Limit (dBc)	ACP Level (dBc)		Margin (dB)
>400 KHz to 12 MHz	-75	Upper	-79.65	4.7
		Lower	-79.12	4.1
12 MHz to paired rx band	-75		-84.6	9.6
In the paired rx band	-100		-104.21	4.2

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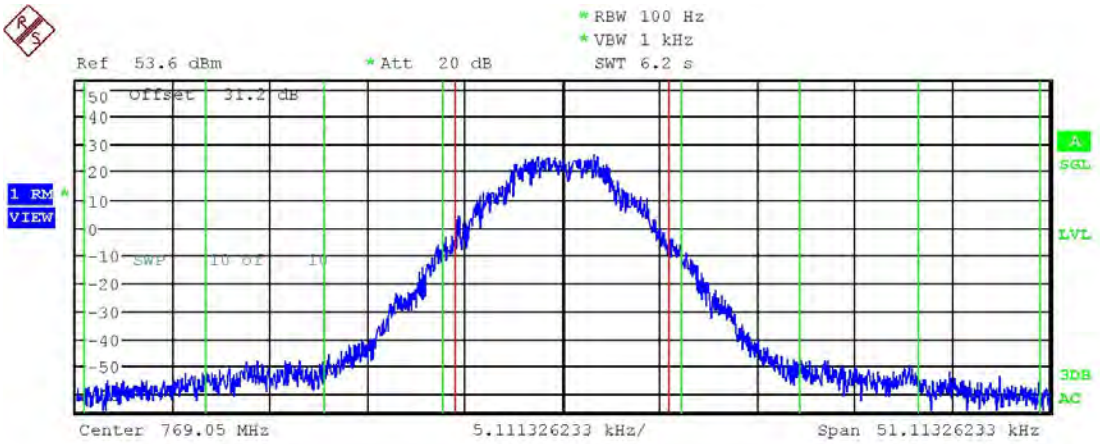
ADJACENT CHANNEL POWER (ACP)

TEST FREQ. 769.05 MHz-7K80FXE/7K80FXD/7K80FXW

6.25 KHz Measurement Bandwidth



Tx Channel
Bandwidth 11.25 kHz

Power 39.17 dBm

Adjacent Channel
Bandwidth 6.25 kHz
Spacing 9.375 kHz

Lower -40.46 dB
Upper -42.86 dB

Alternate Channel
Bandwidth 6.25 kHz
Spacing 15.625 kHz

Lower -74.70 dB
Upper -75.18 dB

2nd Alternate Channel
Bandwidth 6.25 kHz
Spacing 21.875 kHz

Lower -79.66 dB
Upper -80.23 dB

Date: 17.AUG.2015 16:59:23

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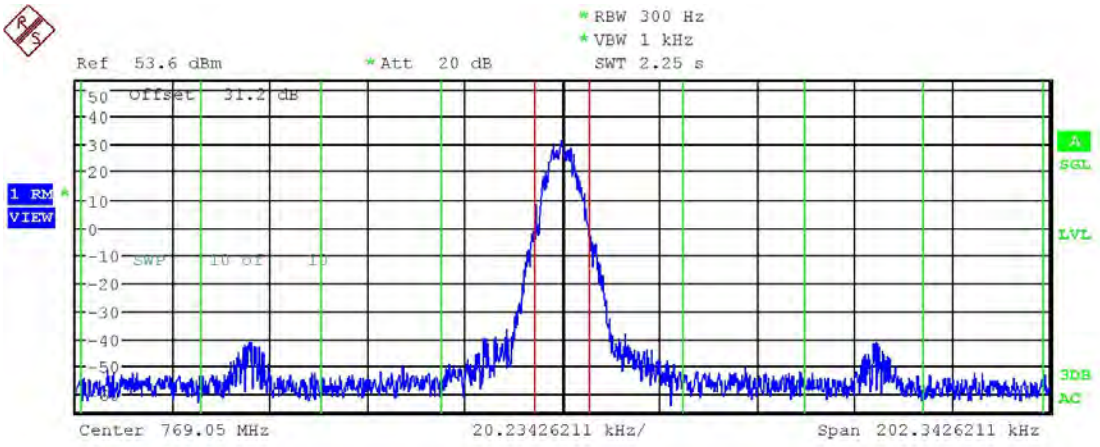
ADJACENT CHANNEL POWER (ACP)

TEST FREQ. 769.05 MHz-7K80FXE/7K80FXD/7K80FXW

25 KHz Measurement Bandwidth



Tx Channel			
Bandwidth	11.25 kHz	Power	39.22 dBm
Adjacent Channel			
Bandwidth	25 kHz	Lower	-76.51 dB
Spacing	37.5 kHz	Upper	-76.16 dB
Alternate Channel			
Bandwidth	25 kHz	Lower	-71.64 dB
Spacing	62.5 kHz	Upper	-72.45 dB
2nd Alternate Channel			
Bandwidth	25 kHz	Lower	-76.96 dB
Spacing	87.5 kHz	Upper	-77.97 dB

Date: 17.AUG.2015 17:01:53

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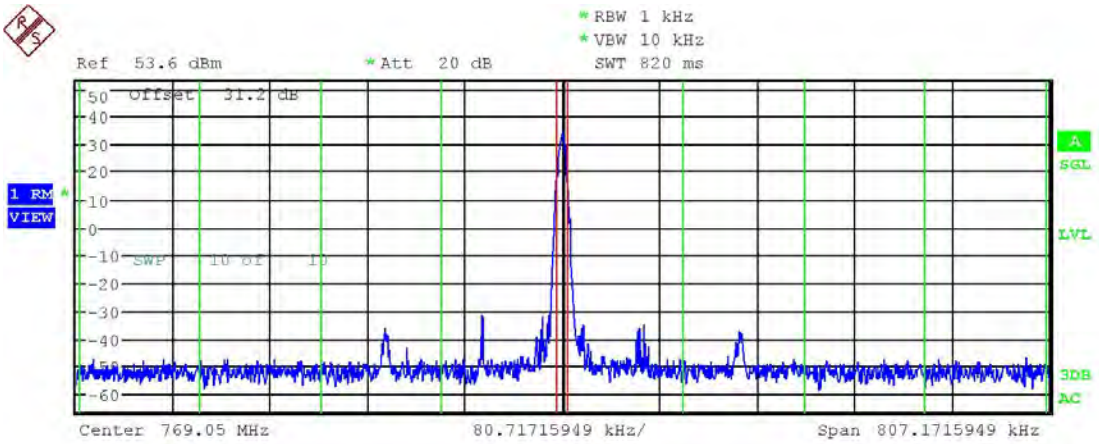
ADJACENT CHANNEL POWER (ACP)

TEST FREQ. 769.05 MHz-7K80FXE/7K80FXD/7K80FXW

100 KHz Measurement Bandwidth



Tx Channel			
Bandwidth	11.25 kHz	Power	38.78 dBm
Adjacent Channel			
Bandwidth	100 kHz	Lower	-68.18 dB
Spacing	150 kHz	Upper	-67.78 dB
Alternate Channel			
Bandwidth	100 kHz	Lower	-70.88 dB
Spacing	250 kHz	Upper	-71.09 dB
2nd Alternate Channel			
Bandwidth	100 kHz	Lower	-71.25 dB
Spacing	350 kHz	Upper	-71.00 dB

Date: 17.AUG.2015 17:02:37

Swept 30 KHz Bandwidth Measurement

Offset from center frequency	ACP Limit (dBc)	ACP Level (dBc)		Margin (dB)
>400 KHz to 12 MHz	-75	Upper	-79.71	4.7
		Lower	-80.35	5.3
12 MHz to paired rx band	-75		-82.6	7.6
In the paired rx band	-100		-103.79	3.8

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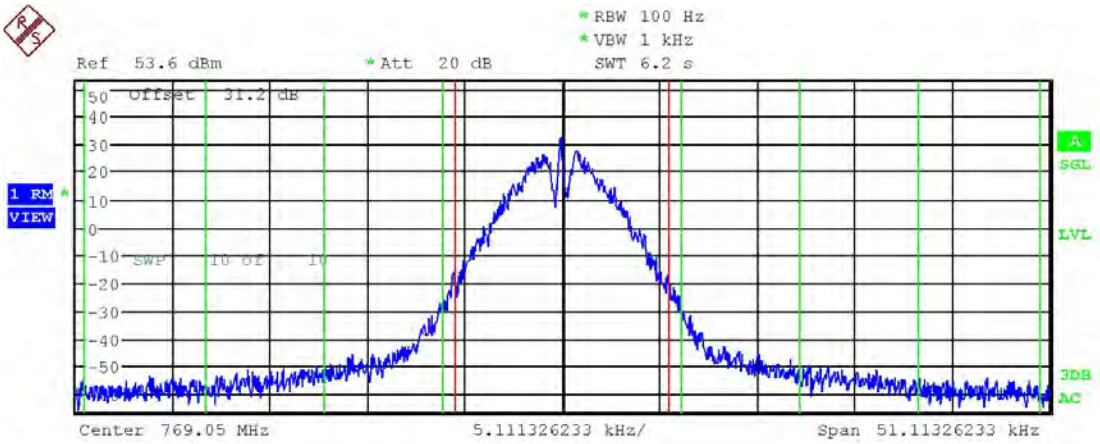
ADJACENT CHANNEL POWER (ACP)

TEST FREQ. 769.05 MHz-5K41F2E

6.25 KHz Measurement Bandwidth



Tx Channel
Bandwidth 11.25 kHz

Power 38.99 dBm

Adjacent Channel
Bandwidth 6.25 kHz
Spacing 9.375 kHz

Lower -61.09 dB
Upper -63.40 dB

Alternate Channel
Bandwidth 6.25 kHz
Spacing 15.625 kHz

Lower -76.46 dB
Upper -76.35 dB

2nd Alternate Channel
Bandwidth 6.25 kHz
Spacing 21.875 kHz

Lower -79.68 dB
Upper -80.12 dB

Date: 17.AUG.2015 17:11:14

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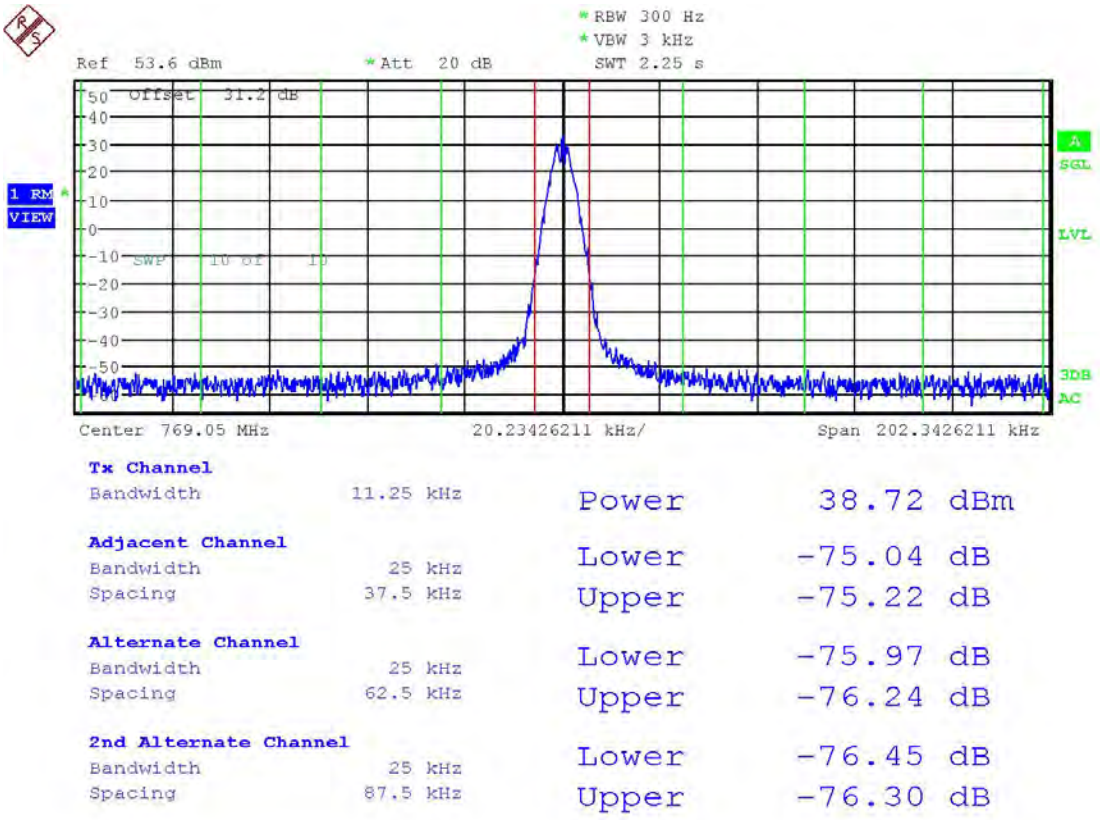
ADJACENT CHANNEL POWER (ACP)

TEST FREQ. 769.05 MHz-5K41F2E

25 KHz Measurement Bandwidth



Date: 17.AUG.2015 17:13:58

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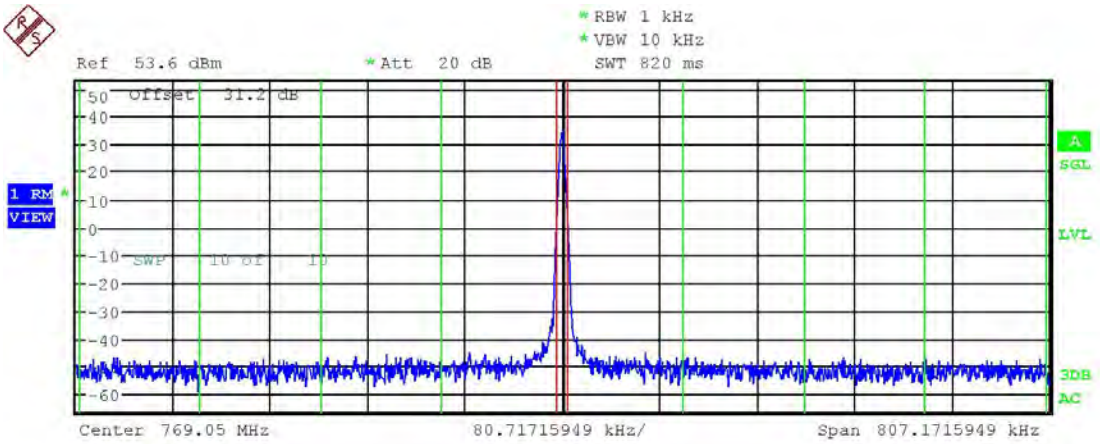
ADJACENT CHANNEL POWER (ACP)

TEST FREQ. 769.05 MHz-5K41F2E

100 KHz Measurement Bandwidth



Tx Channel
Bandwidth 11.25 kHz
Power 38.39 dBm

Adjacent Channel
Bandwidth 100 kHz
Spacing 150 kHz
Lower -69.82 dB
Upper -69.99 dB

Alternate Channel
Bandwidth 100 kHz
Spacing 250 kHz
Lower -70.43 dB
Upper -70.54 dB

2nd Alternate Channel
Bandwidth 100 kHz
Spacing 350 kHz
Lower -70.50 dB
Upper -70.38 dB

Date: 17.AUG.2015 17:14:36

Swept 30 KHz Bandwidth Measurement

Offset from center frequency	ACP Limit (dBc)	ACP Level (dBc)		Margin (dB)
>400 KHz to 12 MHz	-75	Upper	79.9	-154.9
		Lower	-79.6	4.6
12 MHz to paired rx band	-75		-84.56	9.6
In the paired rx band	-100		-104.23	4.2

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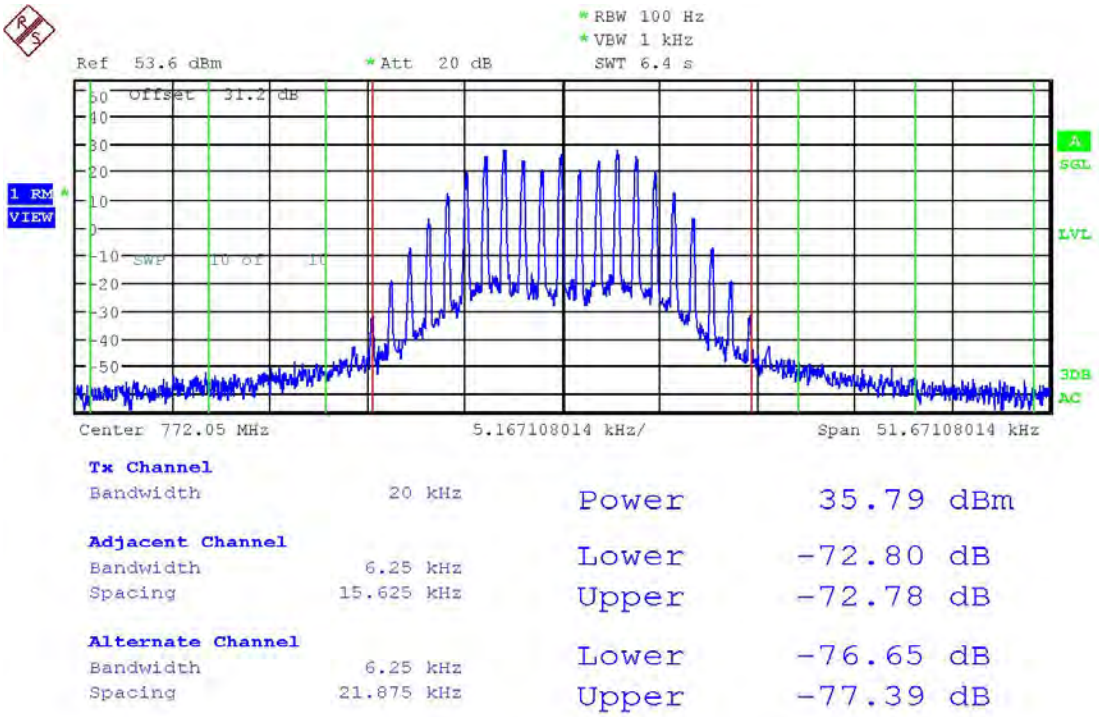
TEST FREQ. 772.05 MHz-16K0F3E

6.25 KHz Measurement Bandwidth



Date: 18.AUG.2015 14:31:06

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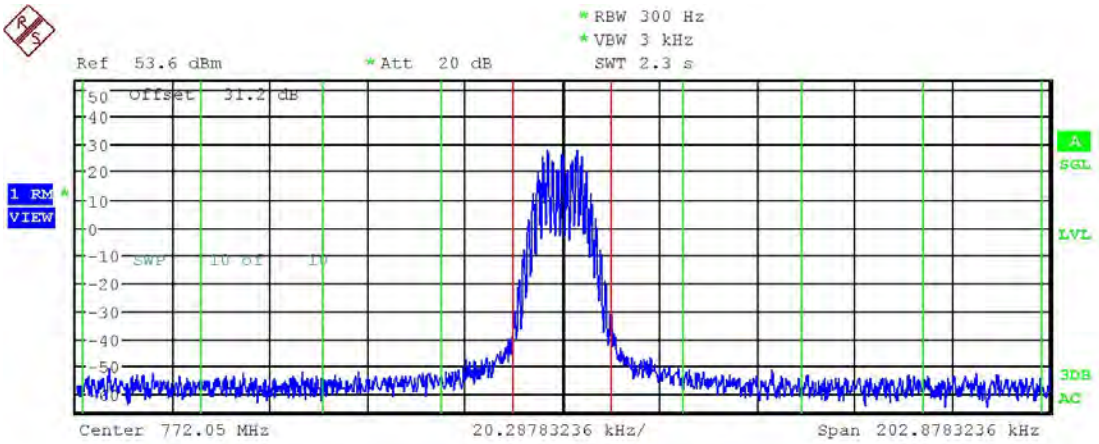
ADJACENT CHANNEL POWER (ACP)

TEST FREQ. 772.05 MHz-16K0F3E

25 KHz Measurement Bandwidth



Tx Channel			
Bandwidth	20 kHz	Power	35.57 dBm
Adjacent Channel			
Bandwidth	25 kHz	Lower	-72.72 dB
Spacing	37.5 kHz	Upper	-72.78 dB
Alternate Channel			
Bandwidth	25 kHz	Lower	-73.80 dB
Spacing	62.5 kHz	Upper	-73.85 dB
2nd Alternate Channel			
Bandwidth	25 kHz	Lower	-73.68 dB
Spacing	87.5 kHz	Upper	-73.93 dB

Date: 18.AUG.2015 14:32:10

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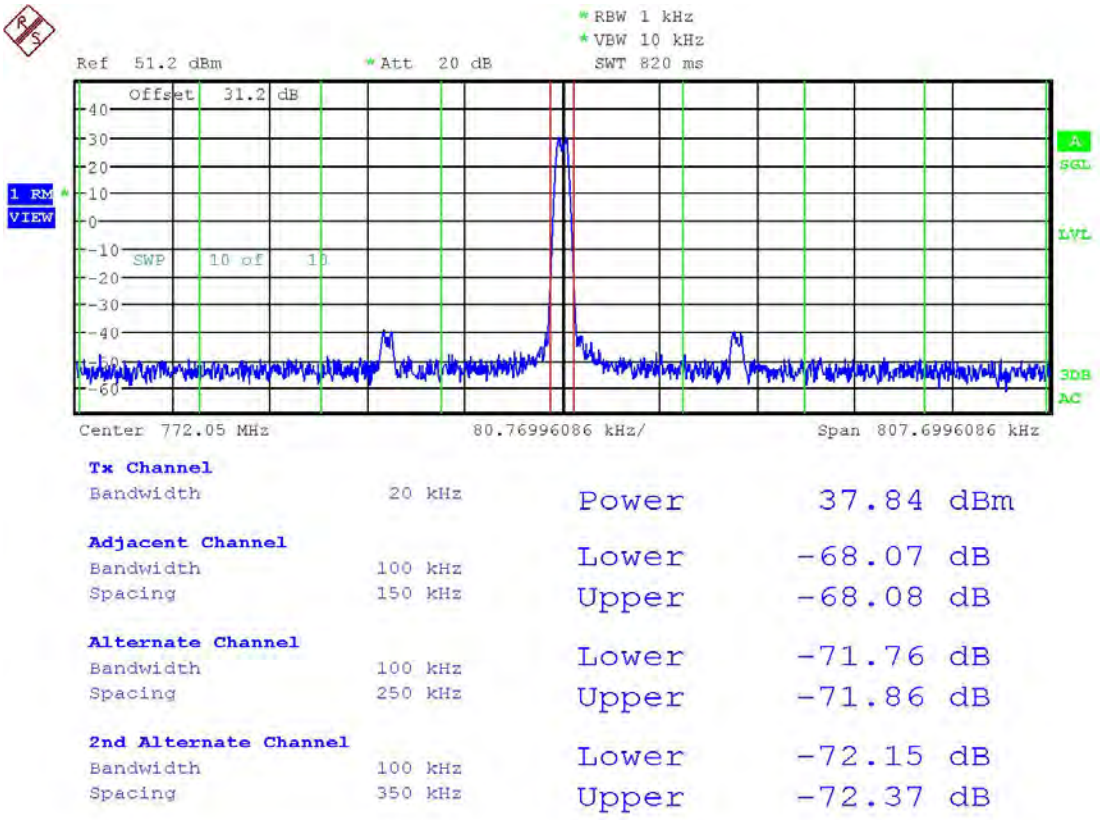
ADJACENT CHANNEL POWER (ACP)

TEST FREQ. 772.05 MHz-16K0F3E

100 KHz Measurement Bandwidth



Swept 30 KHz Bandwidth Measurement

Offset from center frequency	ACP Limit (dBc)	ACP Level (dBc)		Margin (dB)
>400 KHz to 12 MHz	-75	Upper	-78.69	3.7
		Lower	-79.63	4.6
12 MHz to paired rx band	-75		-84.21	9.2
In the paired rx band	-100		-104.6	4.6

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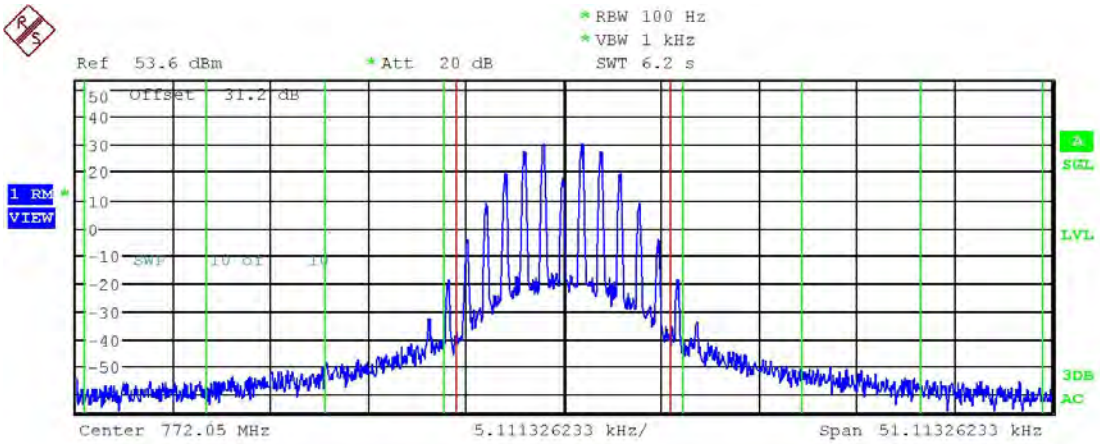
ADJACENT CHANNEL POWER (ACP)

TEST FREQ. 772.05 MHz-11K0F3E

6.25 KHz Measurement Bandwidth



Tx Channel			
Bandwidth	11.25 kHz	Power	36.44 dBm
Adjacent Channel			
Bandwidth	6.25 kHz	Lower	-64.17 dB
Spacing	9.375 kHz	Upper	-64.57 dB
Alternate Channel			
Bandwidth	6.25 kHz	Lower	-74.62 dB
Spacing	15.625 kHz	Upper	-74.24 dB
2nd Alternate Channel			
Bandwidth	6.25 kHz	Lower	-78.10 dB
Spacing	21.875 kHz	Upper	-77.96 dB

Date: 18.AUG.2015 14:27:01

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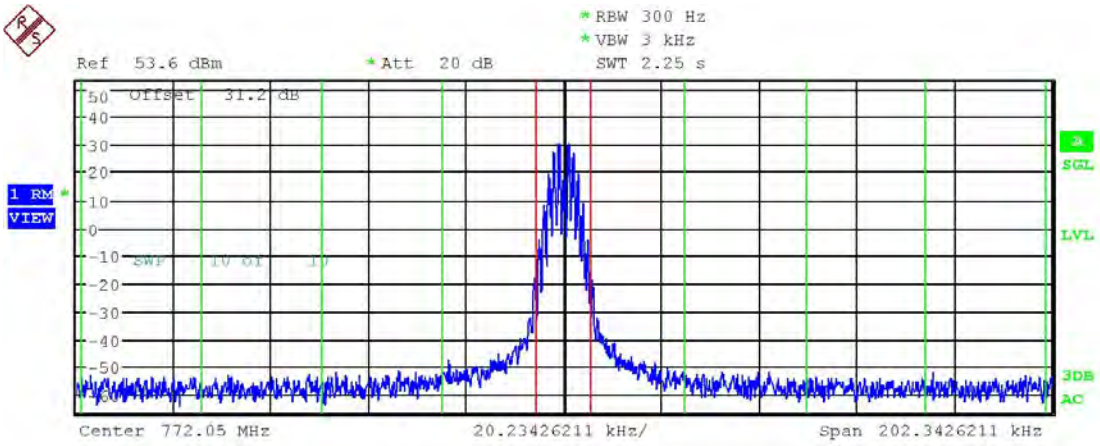
ADJACENT CHANNEL POWER (ACP)

TEST FREQ. 772.05 MHz-11K0F3E

25 KHz Measurement Bandwidth



Tx Channel			
Bandwidth	11.25 kHz	Power	35.62 dBm
Adjacent Channel			
Bandwidth	25 kHz	Lower	-72.91 dB
Spacing	37.5 kHz	Upper	-72.94 dB
Alternate Channel			
Bandwidth	25 kHz	Lower	-74.24 dB
Spacing	62.5 kHz	Upper	-74.08 dB
2nd Alternate Channel			
Bandwidth	25 kHz	Lower	-74.10 dB
Spacing	87.5 kHz	Upper	-74.07 dB

Date: 18.AUG.2015 14:27:59

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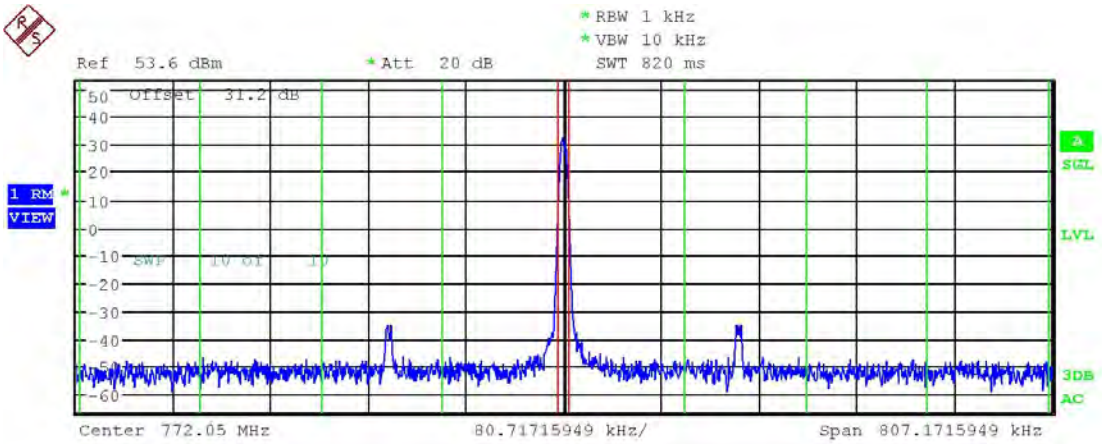
ADJACENT CHANNEL POWER (ACP)

TEST FREQ. 772.05 MHz-11K0F3E

100 KHz Measurement Bandwidth



Tx Channel
Bandwidth 11.25 kHz
Power 37.51 dBm

Adjacent Channel
Bandwidth 100 kHz
Spacing 150 kHz
Lower -65.13 dB
Upper -65.13 dB

Alternate Channel
Bandwidth 100 kHz
Spacing 250 kHz
Lower -69.36 dB
Upper -69.69 dB

2nd Alternate Channel
Bandwidth 100 kHz
Spacing 350 kHz
Lower -69.94 dB
Upper -69.65 dB

Date: 18.AUG.2015 14:29:07

Swept 30 KHz Bandwidth Measurement

Offset from center frequency	ACP Limit (dBc)	ACP Level (dBc)		Margin (dB)
>400 KHz to 12 MHz	-75	Upper	-78.9	3.9
		Lower	-79.2	4.2
12 MHz to paired rx band	-75		-83.6	8.6
In the paired rx band	-100		-104.1	4.1

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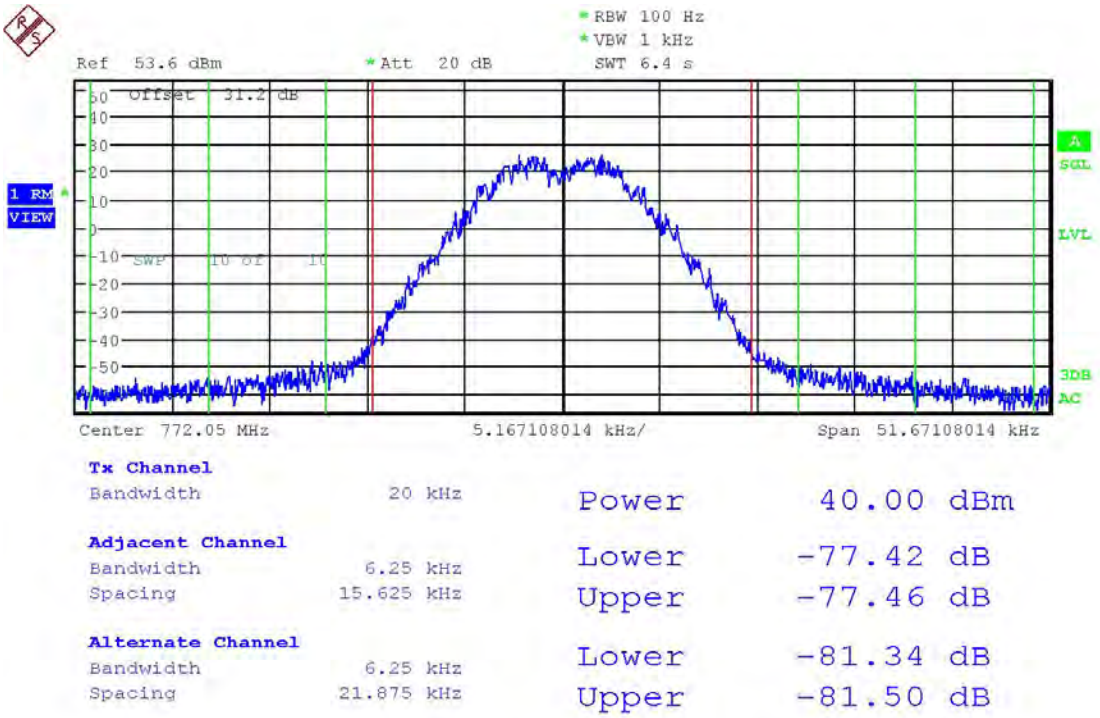
ADJACENT CHANNEL POWER (ACP)

TEST FREQ. 772.05 MHz-8K87F2E

6.25 KHz Measurement Bandwidth



Date: 18.AUG.2015 14:34:49

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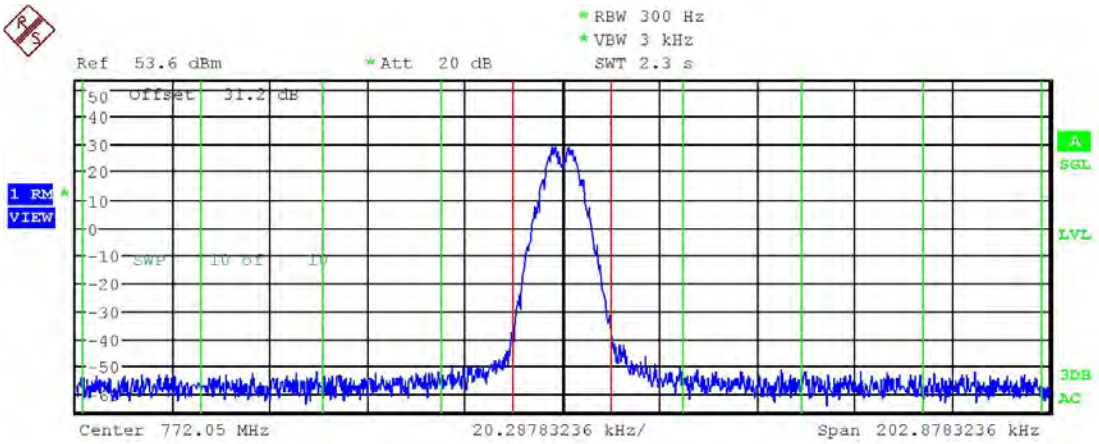
ADJACENT CHANNEL POWER (ACP)

TEST FREQ. 772.05 MHz-8K87F2E

25 KHz Measurement Bandwidth



Tx Channel			
Bandwidth	20 kHz	Power	39.35 dBm
Adjacent Channel			
Bandwidth	25 kHz	Lower	-76.53 dB
Spacing	37.5 kHz	Upper	-76.65 dB
Alternate Channel			
Bandwidth	25 kHz	Lower	-77.50 dB
Spacing	62.5 kHz	Upper	-77.23 dB
2nd Alternate Channel			
Bandwidth	25 kHz	Lower	-77.64 dB
Spacing	87.5 kHz	Upper	-77.64 dB

Date: 18.AUG.2015 14:41:20

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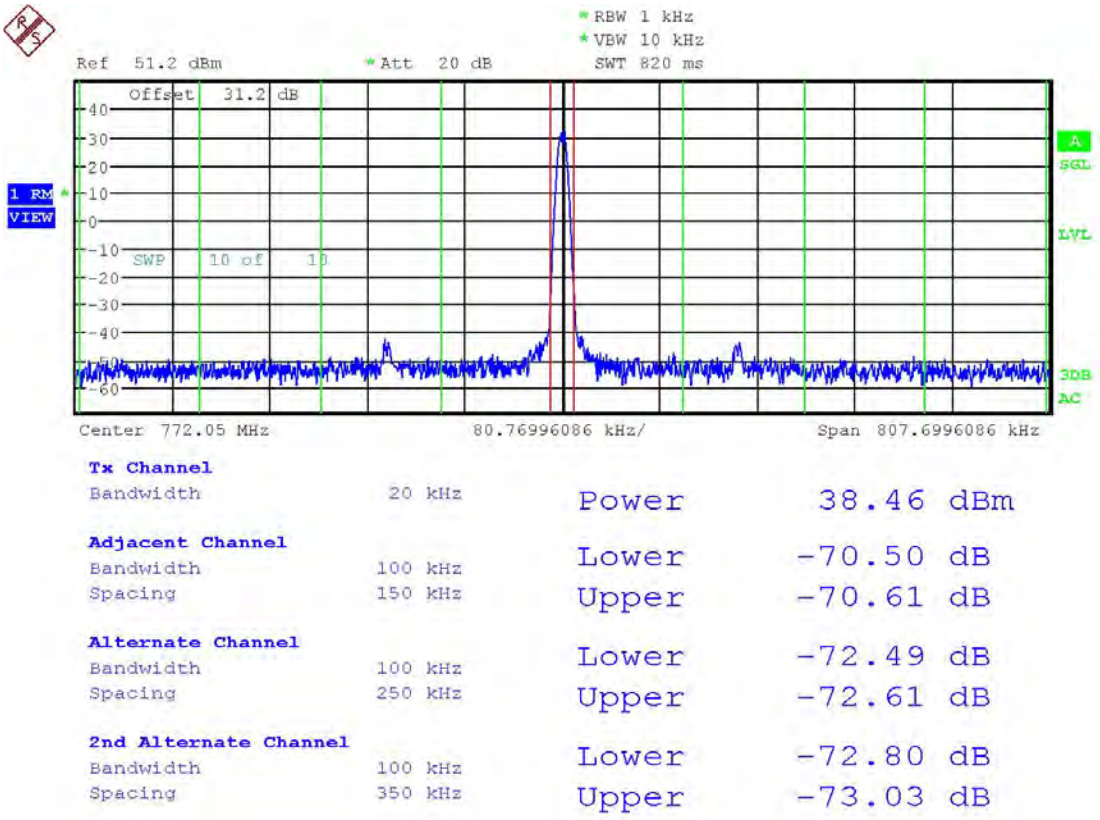
ADJACENT CHANNEL POWER (ACP)

TEST FREQ. 772.05 MHz-8K87F2E

100 KHz Measurement Bandwidth



Swept 30 KHz Bandwidth Measurement

Offset from center frequency	ACP Limit (dBc)	ACP Level (dBc)		Margin (dB)
>400 KHz to 12 MHz	-75	Upper	-79.1	4.1
		Lower	-79.6	4.6
12 MHz to paired rx band	-75		-83.9	8.9
In the paired rx band	-100		-103.7	3.7

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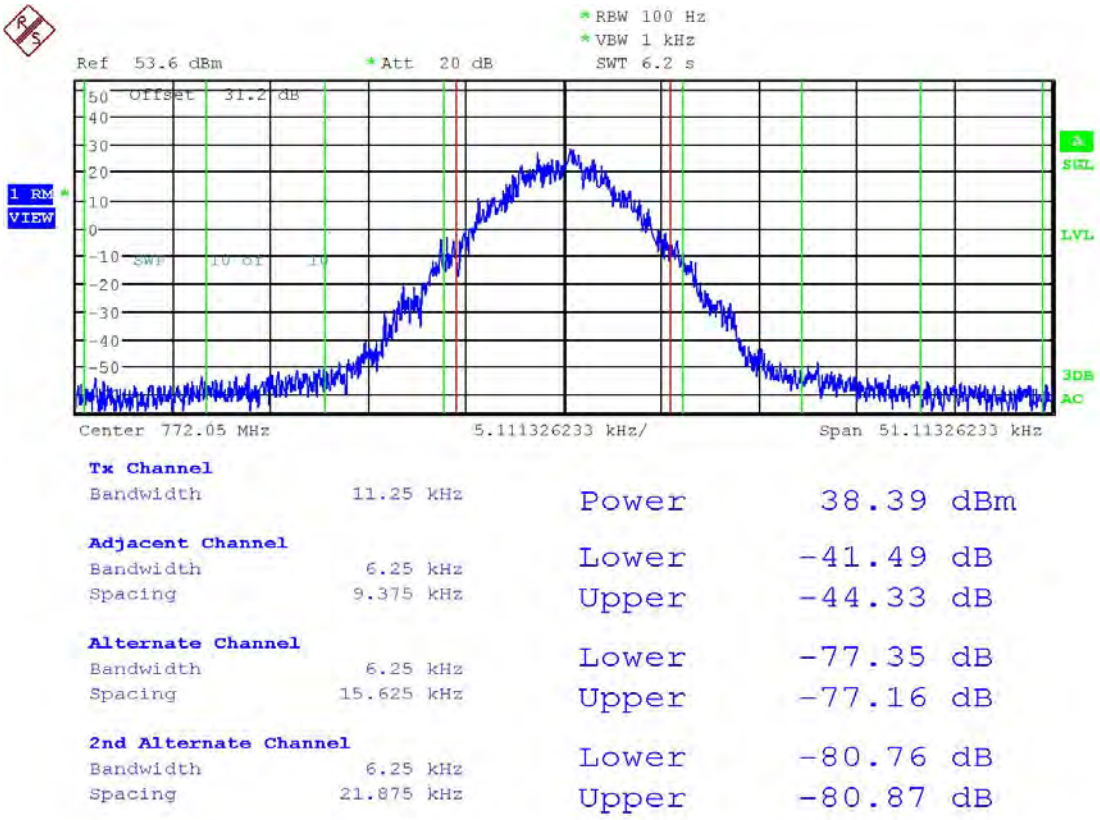
ADJACENT CHANNEL POWER (ACP)

TEST FREQ. 772.05 MHz-8K17F1E/8K17F1D

6.25 KHz Measurement Bandwidth



Date: 24.AUG.2015 14:20:53

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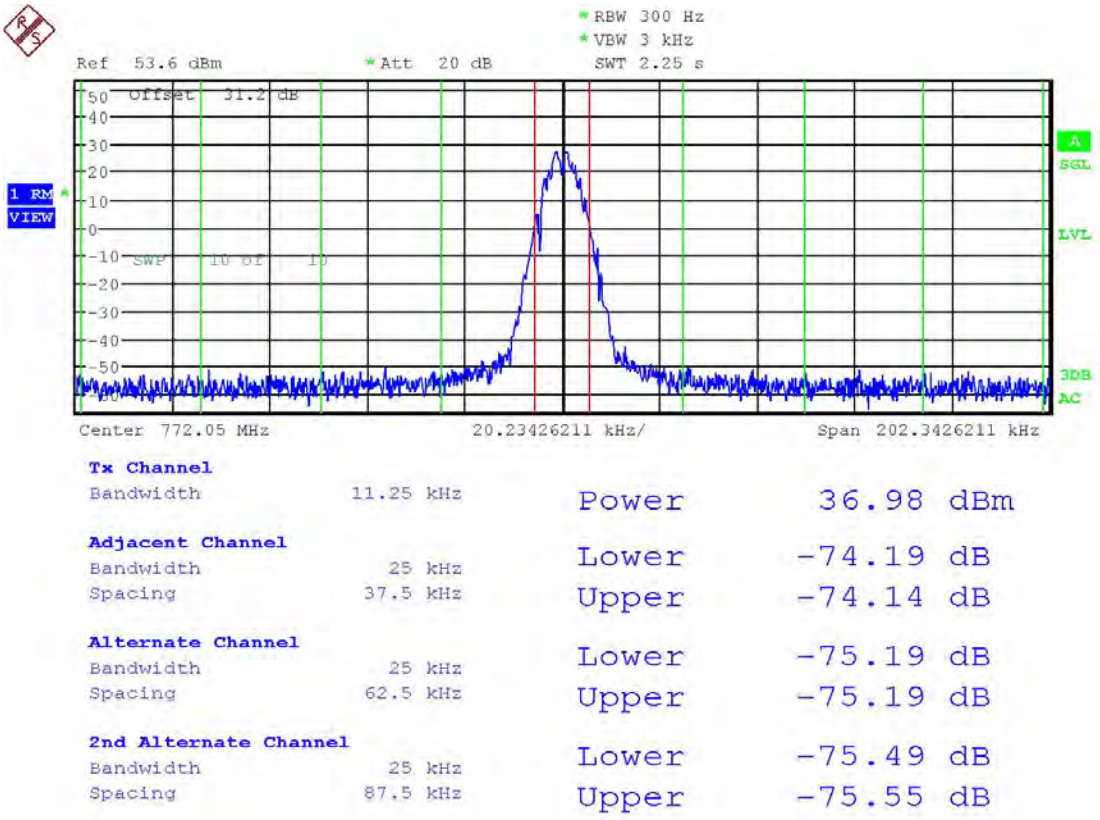
ADJACENT CHANNEL POWER (ACP)

TEST FREQ. 772.05 MHz-8K17F1E/8K17F1D

25 KHz Measurement Bandwidth



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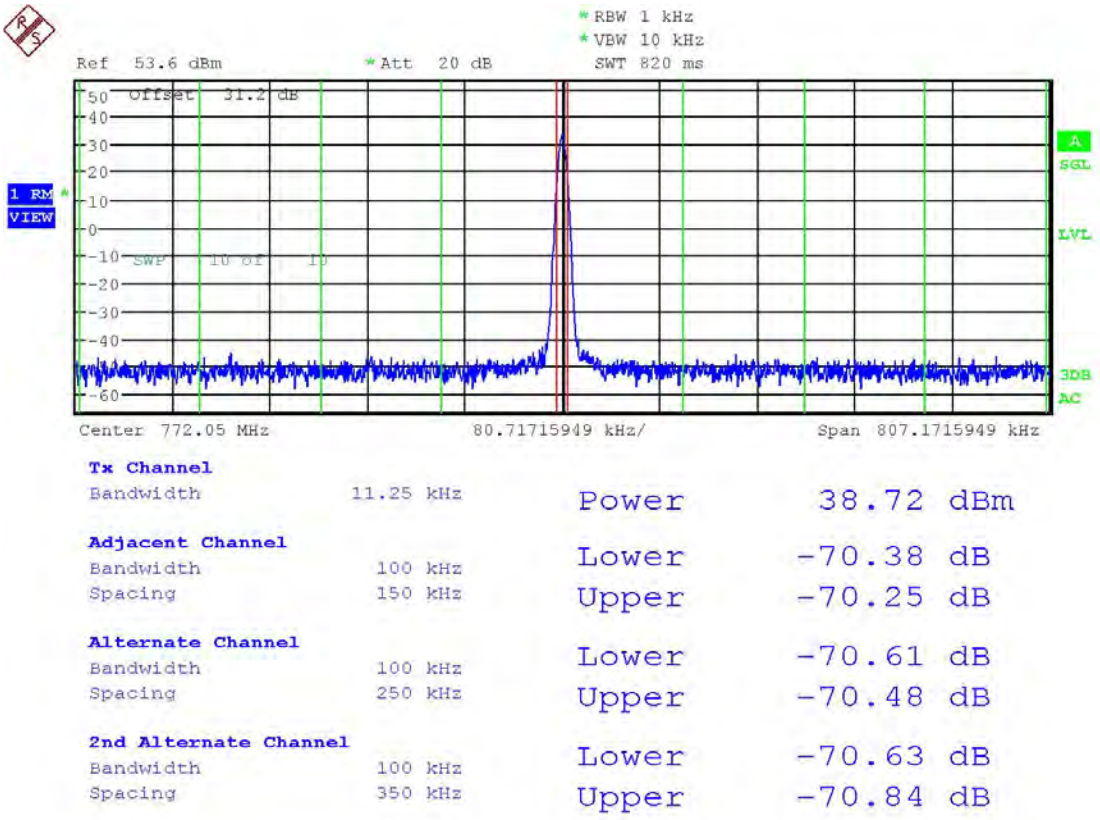
ADJACENT CHANNEL POWER (ACP)

TEST FREQ. 772.05 MHz-8K17F1E/8K17F1D

100 KHz Measurement Bandwidth



Date: 18.AUG.2015 14:45:16

Swept 30 KHz Bandwidth Measurement

Offset from center frequency	ACP Limit (dBc)	ACP Level (dBc)		Margin (dB)
>400 KHz to 12 MHz	-75	Upper	80.2	-155.2
		Lower	-79.8	4.8
12 MHz to paired rx band	-75		-83.2	8.2
In the paired rx band	-100		-104.8	4.8

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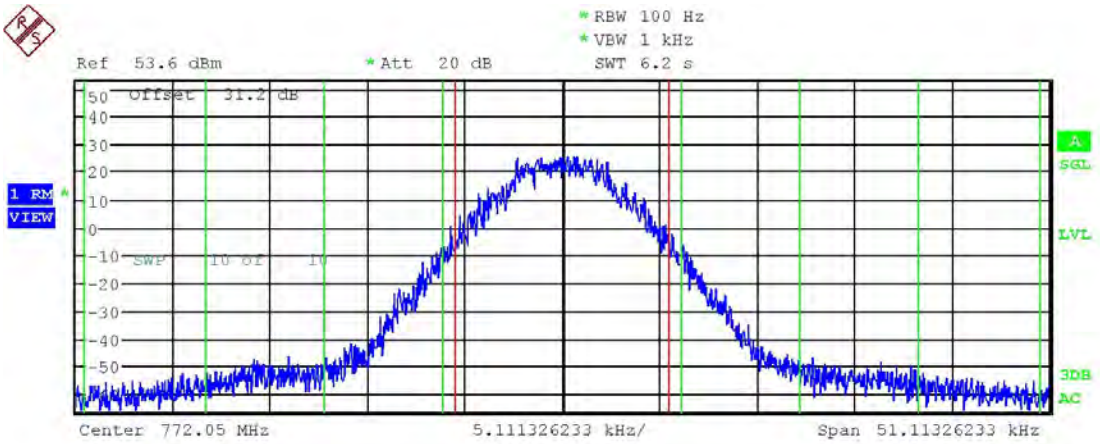
ADJACENT CHANNEL POWER (ACP)

TEST FREQ. 772.05 MHz-7K80FXE/7K80FXD/7K80FXW

6.25 KHz Measurement Bandwidth



Tx Channel
Bandwidth 11.25 kHz

Power 38.77 dBm

Adjacent Channel
Bandwidth 6.25 kHz
Spacing 9.375 kHz

Lower -41.45 dB
Upper -41.75 dB

Alternate Channel
Bandwidth 6.25 kHz
Spacing 15.625 kHz

Lower -74.20 dB
Upper -74.86 dB

2nd Alternate Channel
Bandwidth 6.25 kHz
Spacing 21.875 kHz

Lower -80.17 dB
Upper -79.69 dB

Date: 18.AUG.2015 14:46:59

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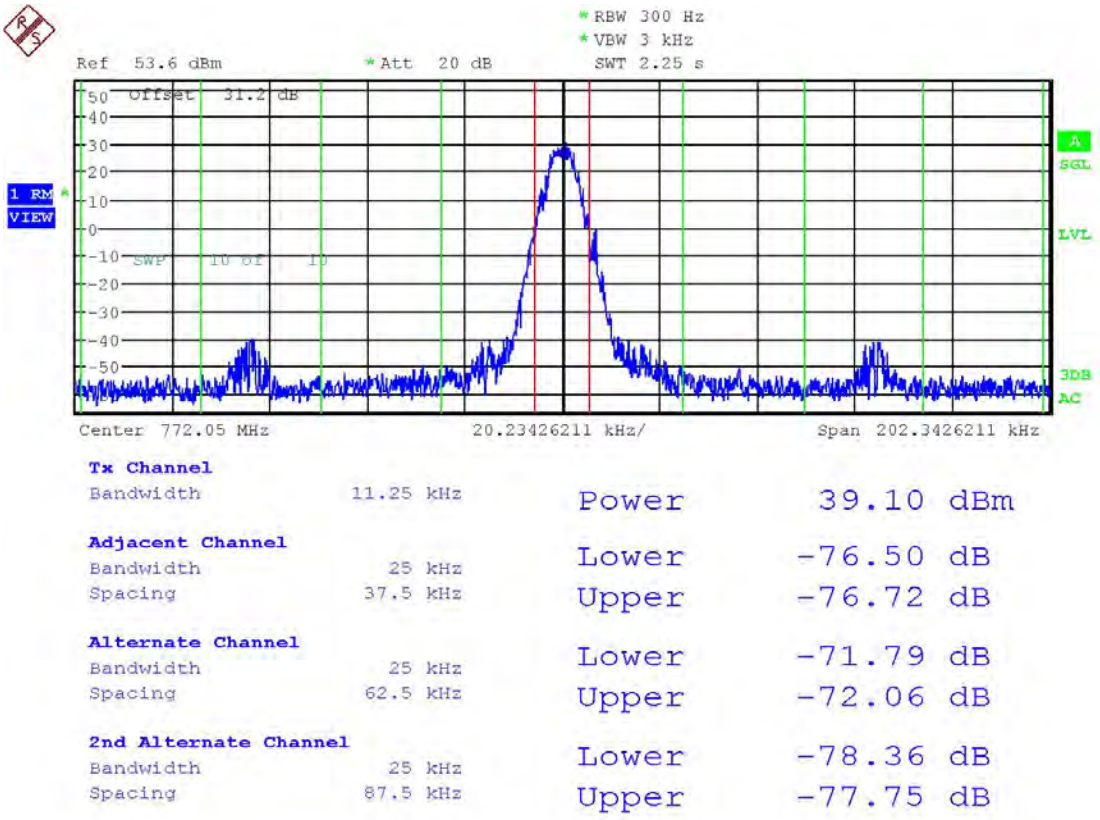
ADJACENT CHANNEL POWER (ACP)

TEST FREQ. 772.05 MHz-7K80FXE/7K80FXD/7K80FXW

25 KHz Measurement Bandwidth



Date: 18.AUG.2015 14:47:40

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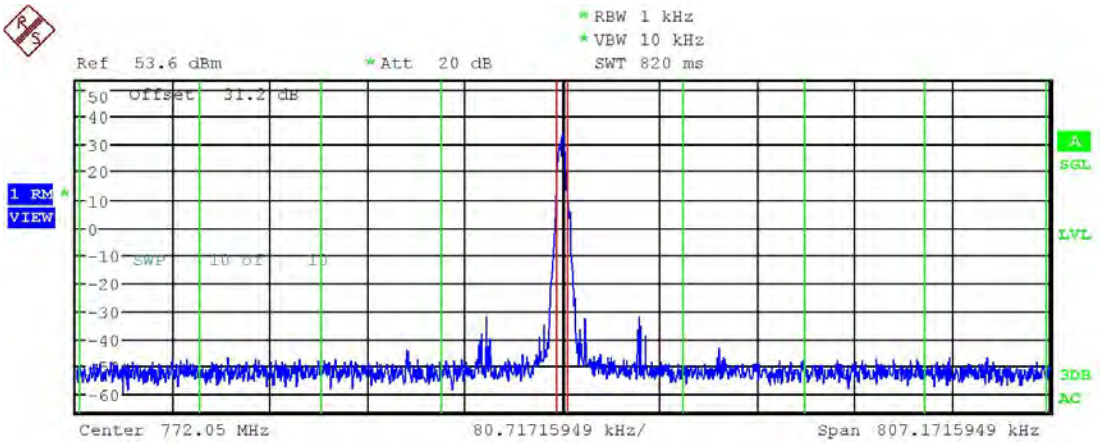
ADJACENT CHANNEL POWER (ACP)

TEST FREQ. 772.05 MHz-7K80FXE/7K80FXD/7K80FXW

100 KHz Measurement Bandwidth



Tx Channel
Bandwidth 11.25 kHz
Power 38.48 dBm

Adjacent Channel
Bandwidth 100 kHz
Spacing 150 kHz
Lower -70.46 dB
Upper -70.44 dB

Alternate Channel
Bandwidth 100 kHz
Spacing 250 kHz
Lower -70.64 dB
Upper -70.56 dB

2nd Alternate Channel
Bandwidth 100 kHz
Spacing 350 kHz
Lower -70.79 dB
Upper -71.05 dB

Date: 18.AUG.2015 14:48:32

Swept 30 KHz Bandwidth Measurement

Offset from center frequency	ACP Limit (dBc)	ACP Level (dBc)		Margin (dB)
>400 KHz to 12 MHz	-75	Upper		-75.0
		Lower		-75.0
12 MHz to paired rx band	-75			-75.0
In the paired rx band	-100			-100.0

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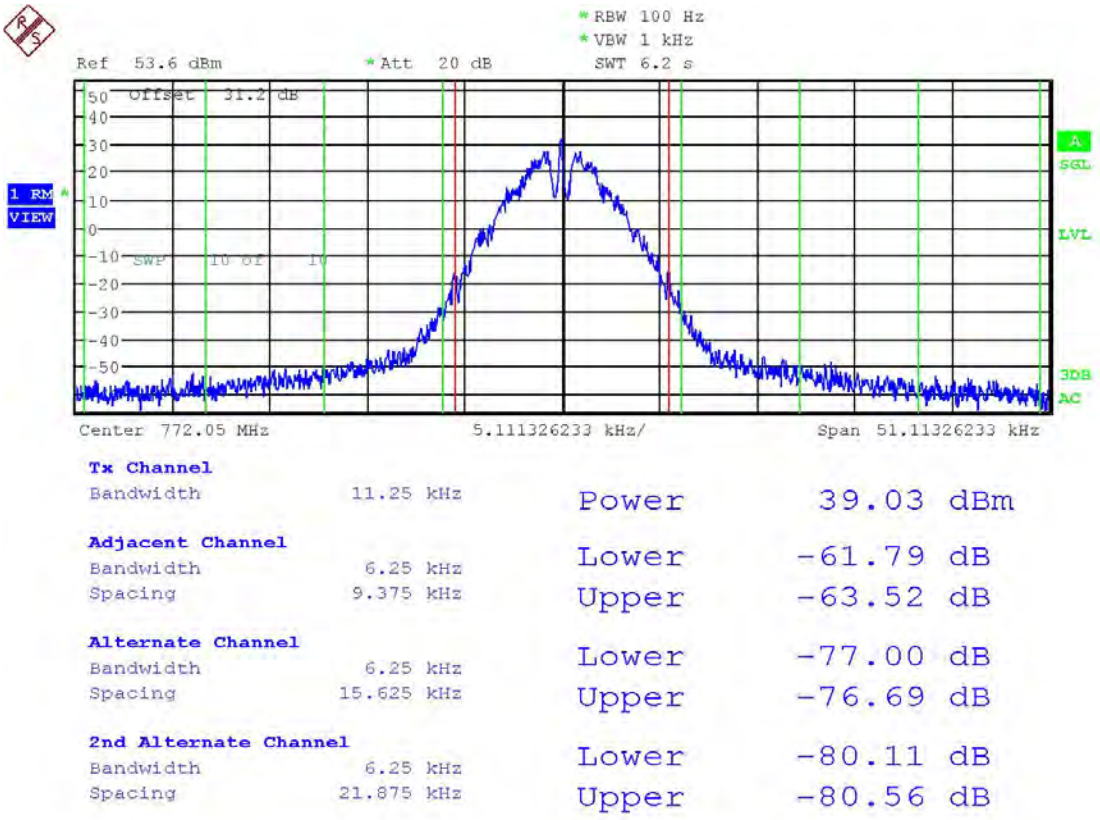
ADJACENT CHANNEL POWER (ACP)

TEST FREQ. 772.05 MHz-5K41F2E

6.25 KHz Measurement Bandwidth



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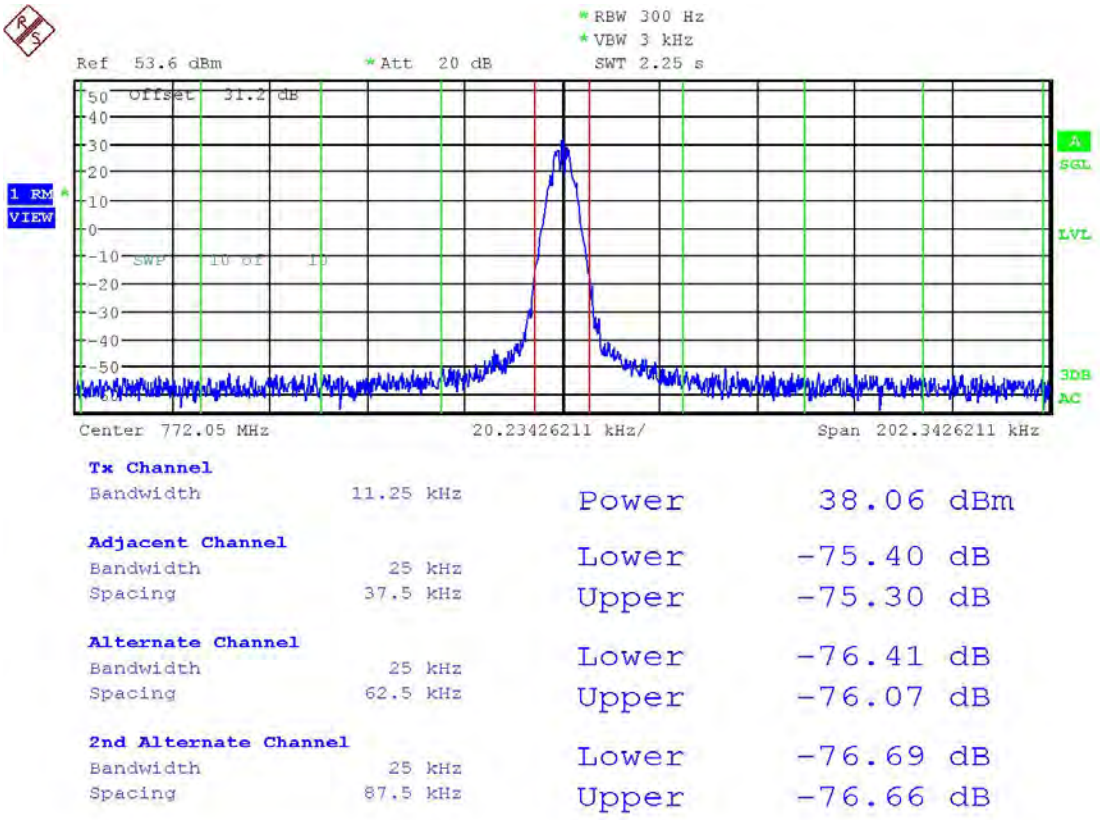
ADJACENT CHANNEL POWER (ACP)

TEST FREQ. 772.05 MHz-5K41F2E

25 KHz Measurement Bandwidth



Date: 18.AUG.2015 14:52:06

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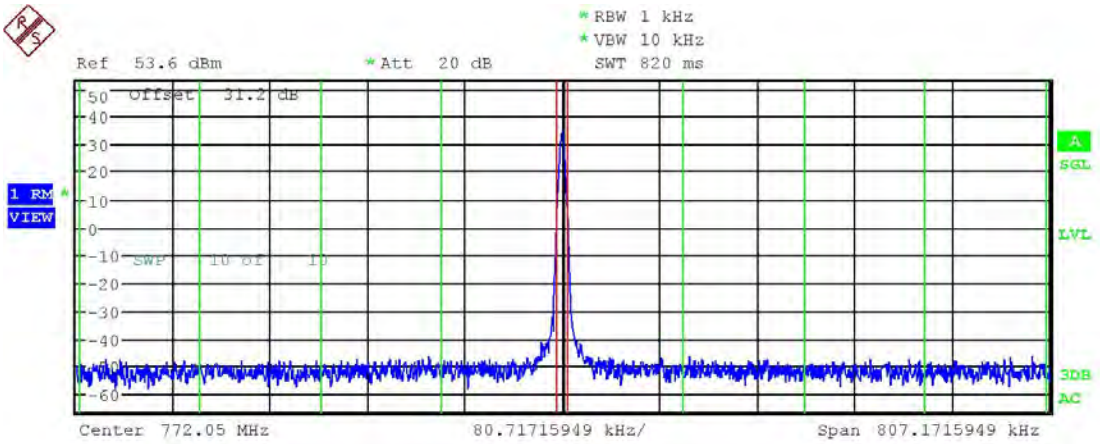
ADJACENT CHANNEL POWER (ACP)

TEST FREQ. 772.05 MHz-5K41F2E

100 KHz Measurement Bandwidth



Tx Channel
Bandwidth 11.25 kHz
Power 38.37 dBm

Adjacent Channel
Bandwidth 100 kHz
Spacing 150 kHz
Lower -69.85 dB
Upper -69.94 dB

Alternate Channel
Bandwidth 100 kHz
Spacing 250 kHz
Lower -70.66 dB
Upper -70.48 dB

2nd Alternate Channel
Bandwidth 100 kHz
Spacing 350 kHz
Lower -70.74 dB
Upper -70.38 dB

Date: 18.AUG.2015 14:52:36

Swept 30 KHz Bandwidth Measurement

Offset from center frequency	ACP Limit (dBc)	ACP Level (dBc)		Margin (dB)
>400 KHz to 12 MHz	-75	Upper	-79.8	4.8
		Lower	-79.6	4.6
12 MHz to paired rx band	-75		-82.5	7.5
In the paired rx band	-100		-103.6	3.6

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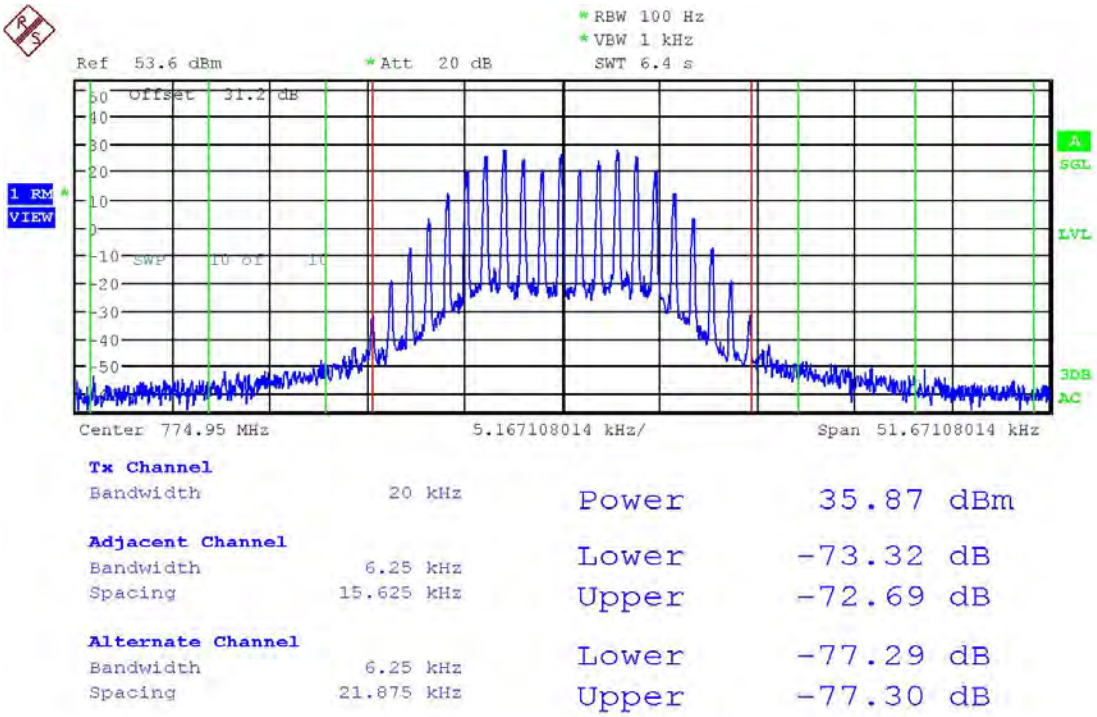
TEST FREQ. 774.95 MHz-16K0F3E

6.25 KHz Measurement Bandwidth



Date: 18.AUG.2015 09:23:07

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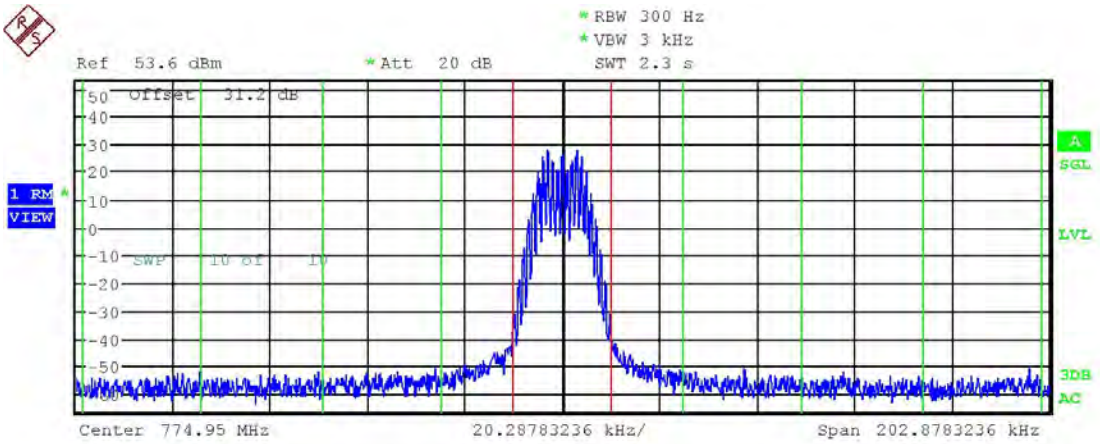
ADJACENT CHANNEL POWER (ACP)

TEST FREQ. 774.95 MHz-16K0F3E

25 KHz Measurement Bandwidth



Tx Channel			
Bandwidth	20 kHz	Power	35.63 dBm
Adjacent Channel			
Bandwidth	25 kHz	Lower	-72.80 dB
Spacing	37.5 kHz	Upper	-72.99 dB
Alternate Channel			
Bandwidth	25 kHz	Lower	-73.84 dB
Spacing	62.5 kHz	Upper	-74.01 dB
2nd Alternate Channel			
Bandwidth	25 kHz	Lower	-74.20 dB
Spacing	87.5 kHz	Upper	-74.02 dB

Date: 18.AUG.2015 09:24:09

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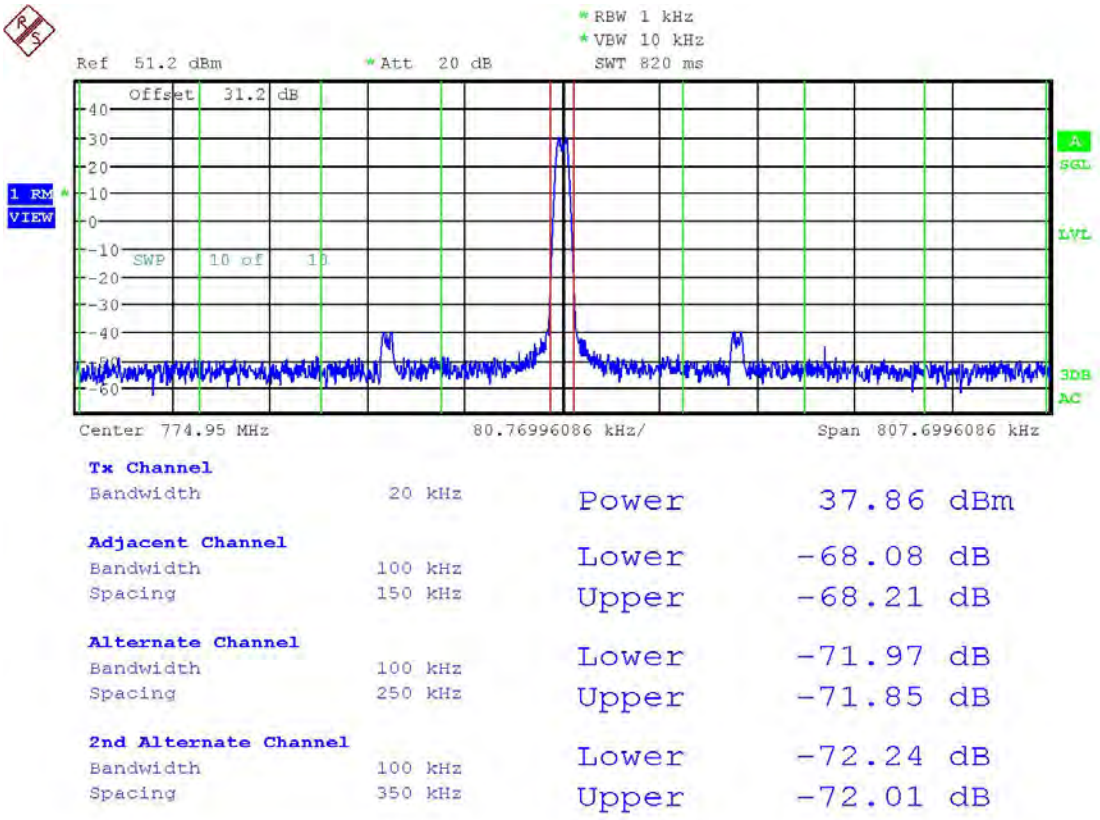
ADJACENT CHANNEL POWER (ACP)

TEST FREQ. 774.95 MHz-16K0F3E

100 KHz Measurement Bandwidth



Swept 30 KHz Bandwidth Measurement

Offset from center frequency	ACP Limit (dBc)	ACP Level (dBc)		Margin (dB)
>400 KHz to 12 MHz	-75	Upper	-79.9	4.9
		Lower	-79.8	4.8
12 MHz to paired rx band	-75		-83.1	8.1
In the paired rx band	-100		-104.2	4.2

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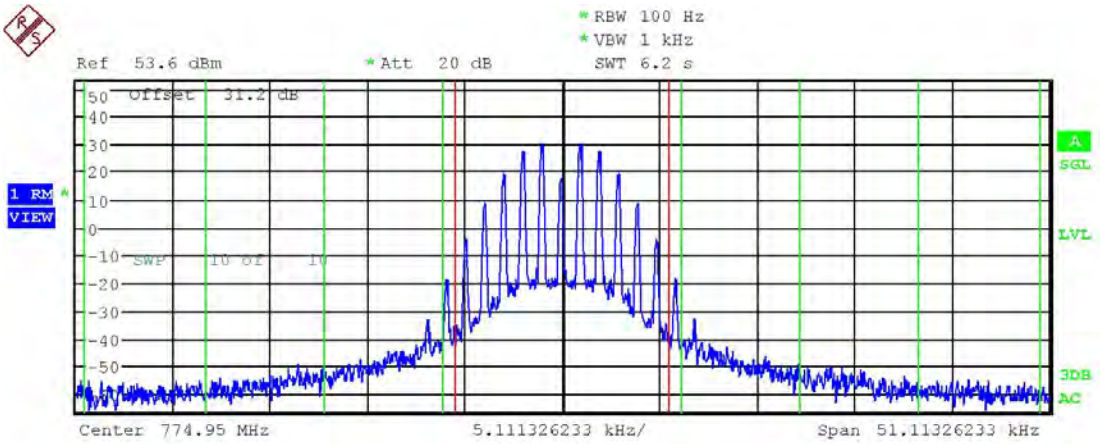
ADJACENT CHANNEL POWER (ACP)

TEST FREQ. 774.95 MHz-11K0F3E

6.25 KHz Measurement Bandwidth



Tx Channel
Bandwidth 11.25 kHz

Power 36.48 dBm

Adjacent Channel
Bandwidth 6.25 kHz
Spacing 9.375 kHz

Lower -64.37 dB
Upper -64.59 dB

Alternate Channel
Bandwidth 6.25 kHz
Spacing 15.625 kHz

Lower -74.82 dB
Upper -74.49 dB

2nd Alternate Channel
Bandwidth 6.25 kHz
Spacing 21.875 kHz

Lower -78.59 dB
Upper -78.12 dB

Date: 18.AUG.2015 09:18:36

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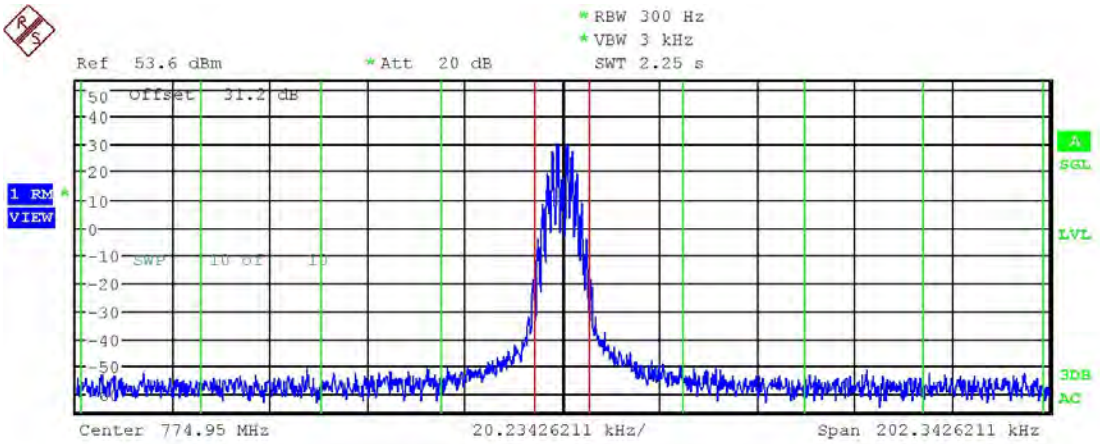
ADJACENT CHANNEL POWER (ACP)

TEST FREQ. 774.95 MHz-11K0F3E

25 KHz Measurement Bandwidth



Tx Channel			
Bandwidth	11.25 kHz	Power	35.66 dBm
Adjacent Channel			
Bandwidth	25 kHz	Lower	-72.91 dB
Spacing	37.5 kHz	Upper	-72.98 dB
Alternate Channel			
Bandwidth	25 kHz	Lower	-73.82 dB
Spacing	62.5 kHz	Upper	-73.93 dB
2nd Alternate Channel			
Bandwidth	25 kHz	Lower	-74.04 dB
Spacing	87.5 kHz	Upper	-73.92 dB

Date: 18.AUG.2015 09:20:04

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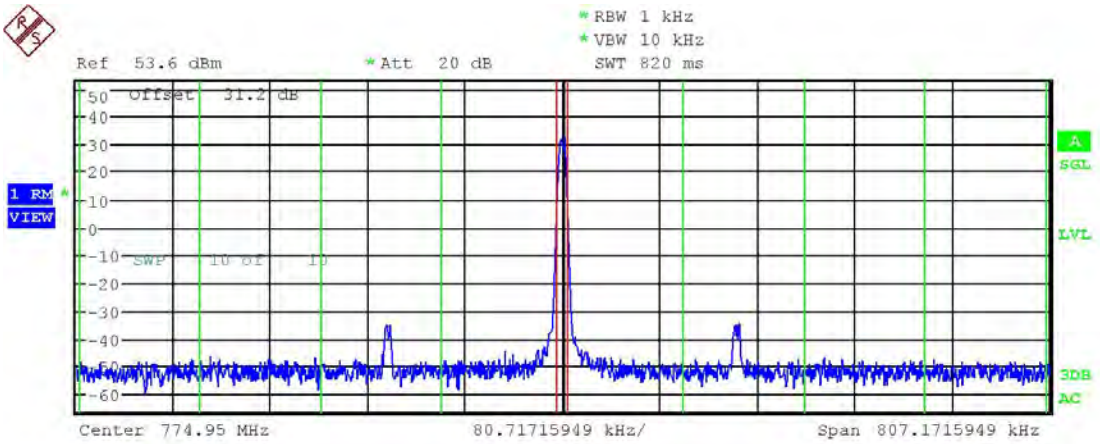
ADJACENT CHANNEL POWER (ACP)

TEST FREQ. 774.95 MHz-11K0F3E

100 KHz Measurement Bandwidth



Tx Channel
Bandwidth 11.25 kHz
Power 37.56 dBm

Adjacent Channel
Bandwidth 100 kHz
Spacing 150 kHz
Lower -65.20 dB
Upper -65.20 dB

Alternate Channel
Bandwidth 100 kHz
Spacing 250 kHz
Lower -69.47 dB
Upper -69.61 dB

2nd Alternate Channel
Bandwidth 100 kHz
Spacing 350 kHz
Lower -70.11 dB
Upper -69.86 dB

Date: 18.AUG.2015 09:21:08

Swept 30 KHz Bandwidth Measurement

Offset from center frequency	ACP Limit (dBc)	ACP Level (dBc)		Margin (dB)
>400 KHz to 12 MHz	-75	Upper	-79.6	4.6
		Lower	-79.9	4.9
12 MHz to paired rx band	-75		-83.1	8.1
In the paired rx band	-100		-104.6	4.6

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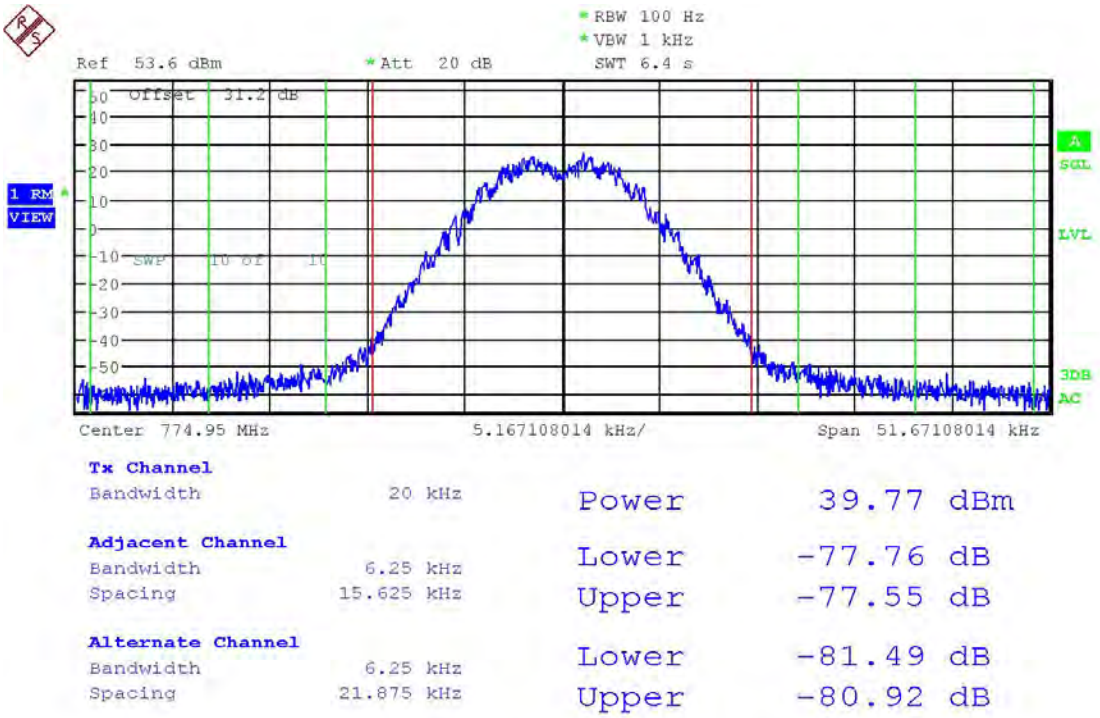
ADJACENT CHANNEL POWER (ACP)

TEST FREQ. 774.95 MHz-8K87F2E

6.25 KHz Measurement Bandwidth



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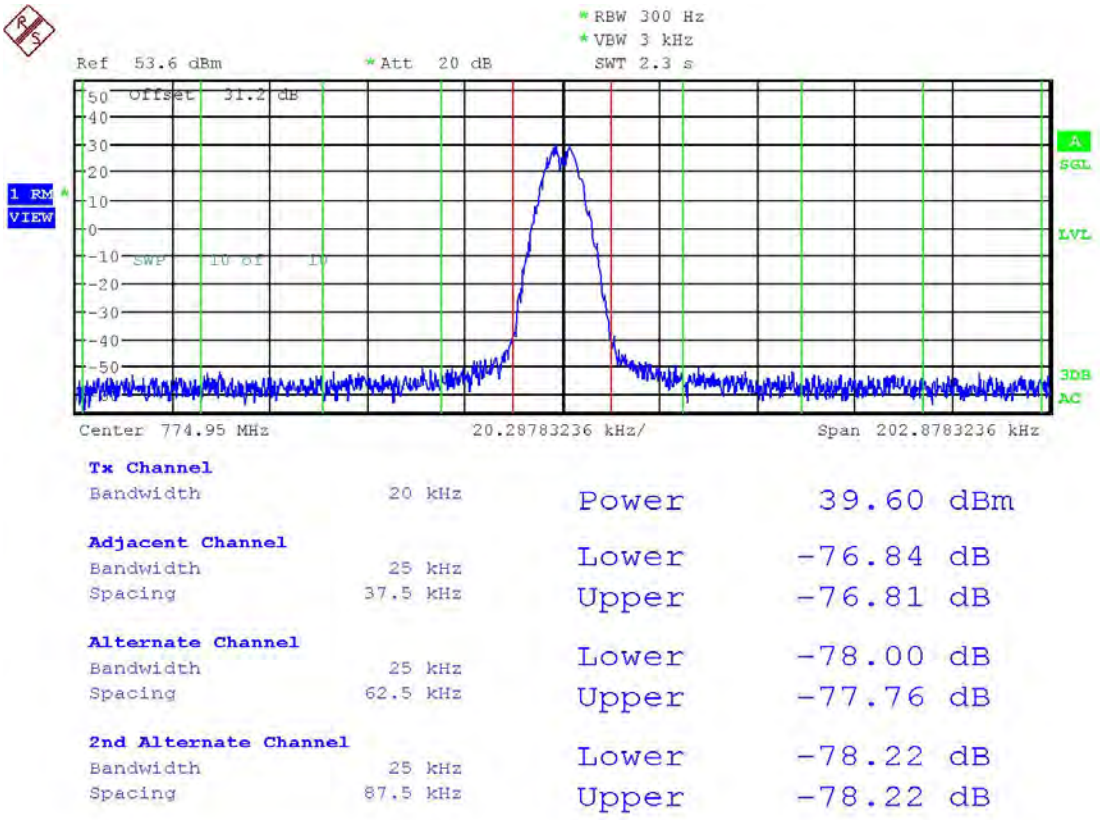
ADJACENT CHANNEL POWER (ACP)

TEST FREQ. 774.95 MHz-8K87F2E

25 KHz Measurement Bandwidth



Date: 18.AUG.2015 09:30:27

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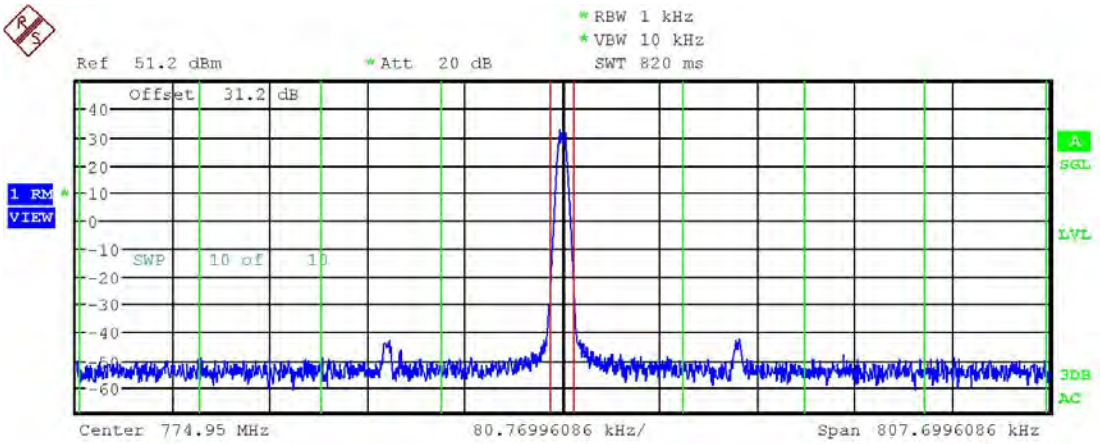
ADJACENT CHANNEL POWER (ACP)

TEST FREQ. 774.95 MHz-8K87F2E

100 KHz Measurement Bandwidth



Tx Channel
Bandwidth 20 kHz
Power 38.85 dBm

Adjacent Channel
Bandwidth 100 kHz
Spacing 150 kHz
Lower -71.04 dB
Upper -71.25 dB

Alternate Channel
Bandwidth 100 kHz
Spacing 250 kHz
Lower -72.89 dB
Upper -73.06 dB

2nd Alternate Channel
Bandwidth 100 kHz
Spacing 350 kHz
Lower -73.20 dB
Upper -73.14 dB

Date: 18.AUG.2015 09:31:00

Swept 30 KHz Bandwidth Measurement

Offset from center frequency	ACP Limit (dBc)	ACP Level (dBc)		Margin (dB)
>400 KHz to 12 MHz	-75	Upper	-79.5	4.5
		Lower	-79.8	4.8
12 MHz to paired rx band	-75		-83.9	8.9
In the paired rx band	-100		-104.3	4.3

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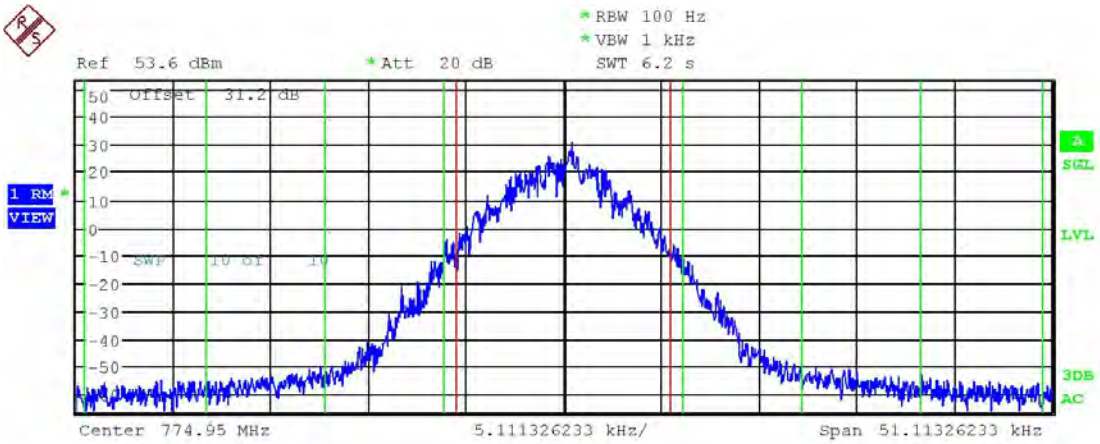
ADJACENT CHANNEL POWER (ACP)

TEST FREQ. 774.95 MHz-8K17F1E/8K17F1D

6.25 KHz Measurement Bandwidth



Tx Channel			
Bandwidth	11.25 kHz	Power	37.93 dBm
Adjacent Channel			
Bandwidth	6.25 kHz	Lower	-43.18 dB
Spacing	9.375 kHz	Upper	-44.90 dB
Alternate Channel			
Bandwidth	6.25 kHz	Lower	-76.45 dB
Spacing	15.625 kHz	Upper	-75.99 dB
2nd Alternate Channel			
Bandwidth	6.25 kHz	Lower	-79.71 dB
Spacing	21.875 kHz	Upper	-79.30 dB

Date: 24.AUG.2015 14:25:48

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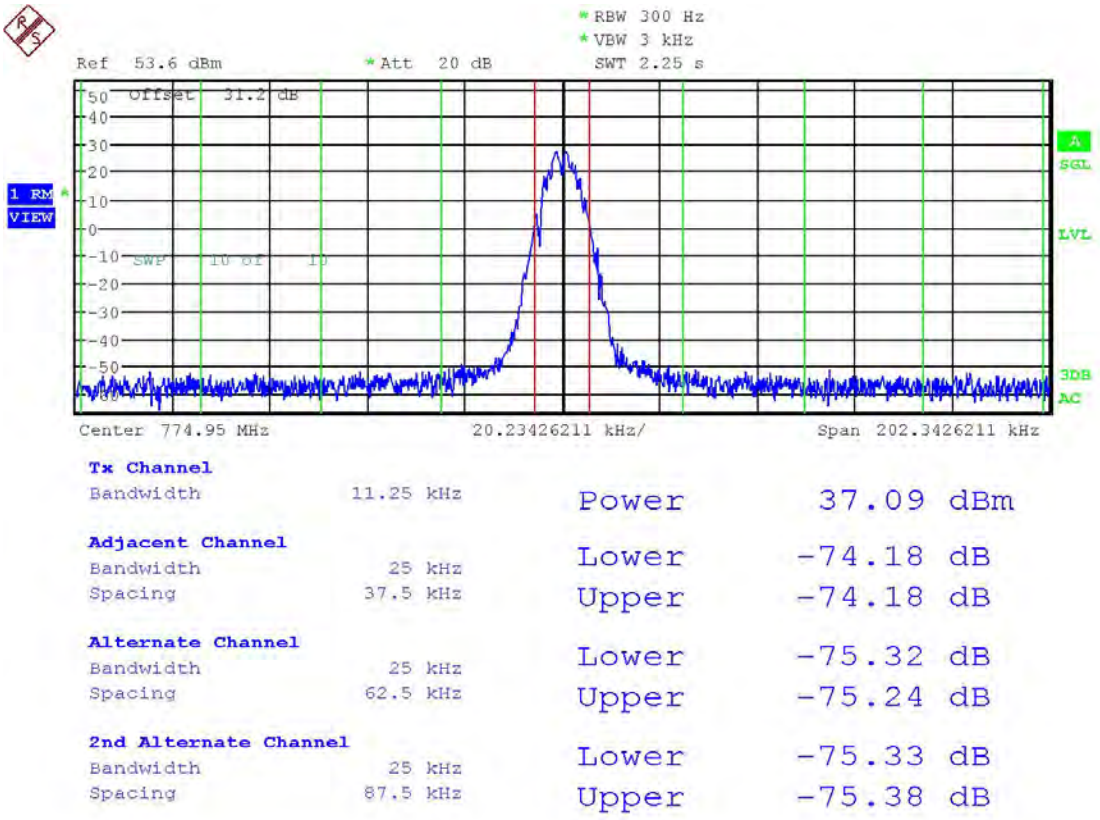
ADJACENT CHANNEL POWER (ACP)

TEST FREQ. 774.95 MHz-8K17F1E/8K17F1D

25 KHz Measurement Bandwidth



Date: 18.AUG.2015 10:05:48

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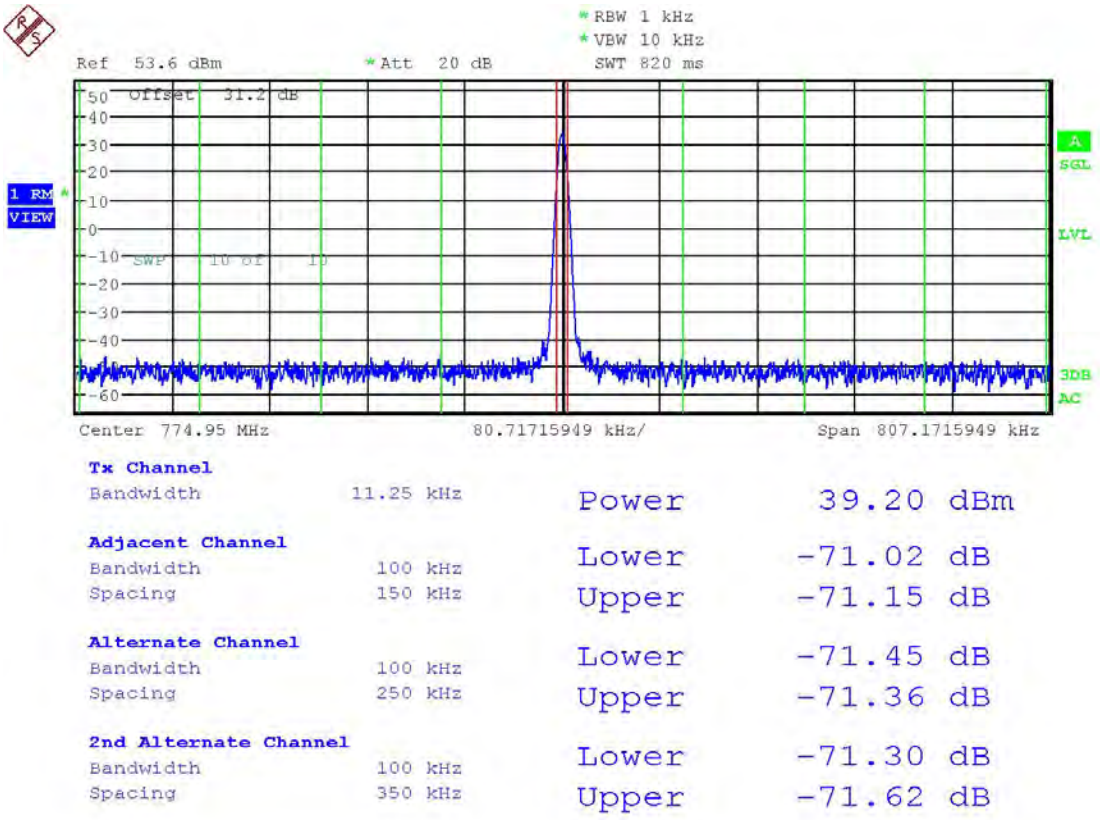
ADJACENT CHANNEL POWER (ACP)

TEST FREQ. 774.95 MHz-8K17F1E/8K17F1D

100 KHz Measurement Bandwidth



Date: 18.AUG.2015 10:08:10

Swept 30 KHz Bandwidth Measurement

Offset from center frequency	ACP Limit (dBc)	ACP Level (dBc)		Margin (dB)
>400 KHz to 12 MHz	-75	Upper	-79.6	4.6
		Lower	-79.8	4.8
12 MHz to paired rx band	-75		-83.5	8.5
In the paired rx band	-100		-103.9	3.9

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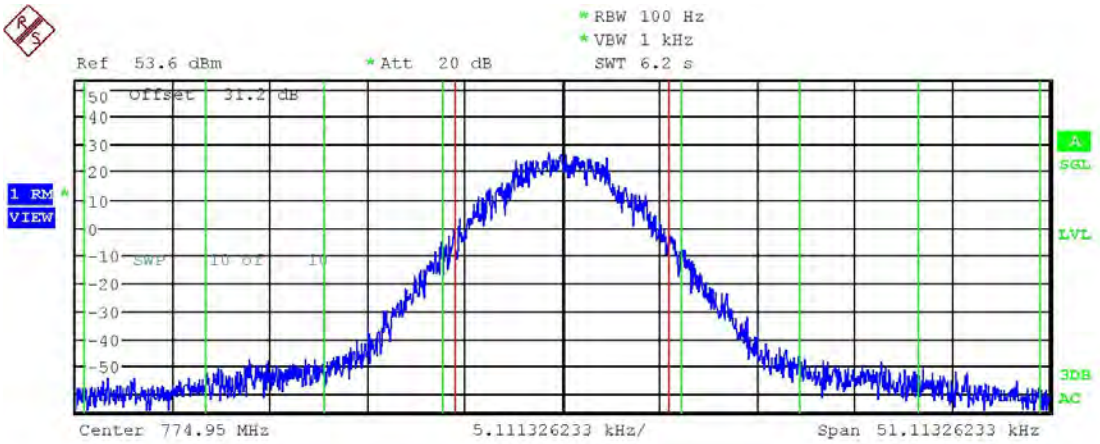
ADJACENT CHANNEL POWER (ACP)

TEST FREQ. 774.95 MHz-7K80FXE/7K80FXD/7K80FXW

6.25 KHz Measurement Bandwidth



Tx Channel
Bandwidth 11.25 kHz

Power 39.13 dBm

Adjacent Channel
Bandwidth 6.25 kHz
Spacing 9.375 kHz

Lower -41.19 dB
Upper -42.56 dB

Alternate Channel
Bandwidth 6.25 kHz
Spacing 15.625 kHz

Lower -74.59 dB
Upper -75.39 dB

2nd Alternate Channel
Bandwidth 6.25 kHz
Spacing 21.875 kHz

Lower -80.60 dB
Upper -80.00 dB

Date: 18.AUG.2015 10:11:05

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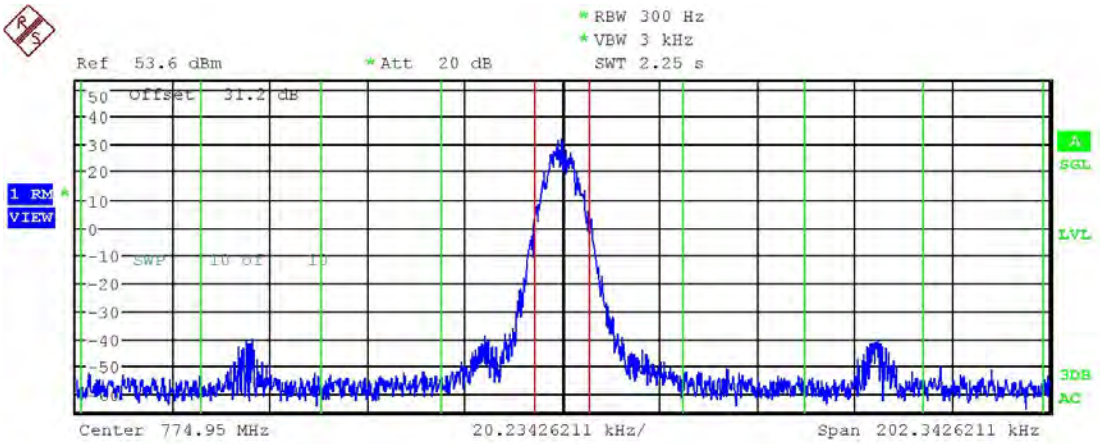
ADJACENT CHANNEL POWER (ACP)

TEST FREQ. 774.95 MHz-7K80FXE/7K80FXD/7K80FXW

25 KHz Measurement Bandwidth



Tx Channel			
Bandwidth	11.25 kHz	Power	38.47 dBm
Adjacent Channel			
Bandwidth	25 kHz	Lower	-76.38 dB
Spacing	37.5 kHz	Upper	-76.22 dB
Alternate Channel			
Bandwidth	25 kHz	Lower	-71.83 dB
Spacing	62.5 kHz	Upper	-70.40 dB
2nd Alternate Channel			
Bandwidth	25 kHz	Lower	-77.32 dB
Spacing	87.5 kHz	Upper	-77.02 dB

Date: 18.AUG.2015 10:12:03

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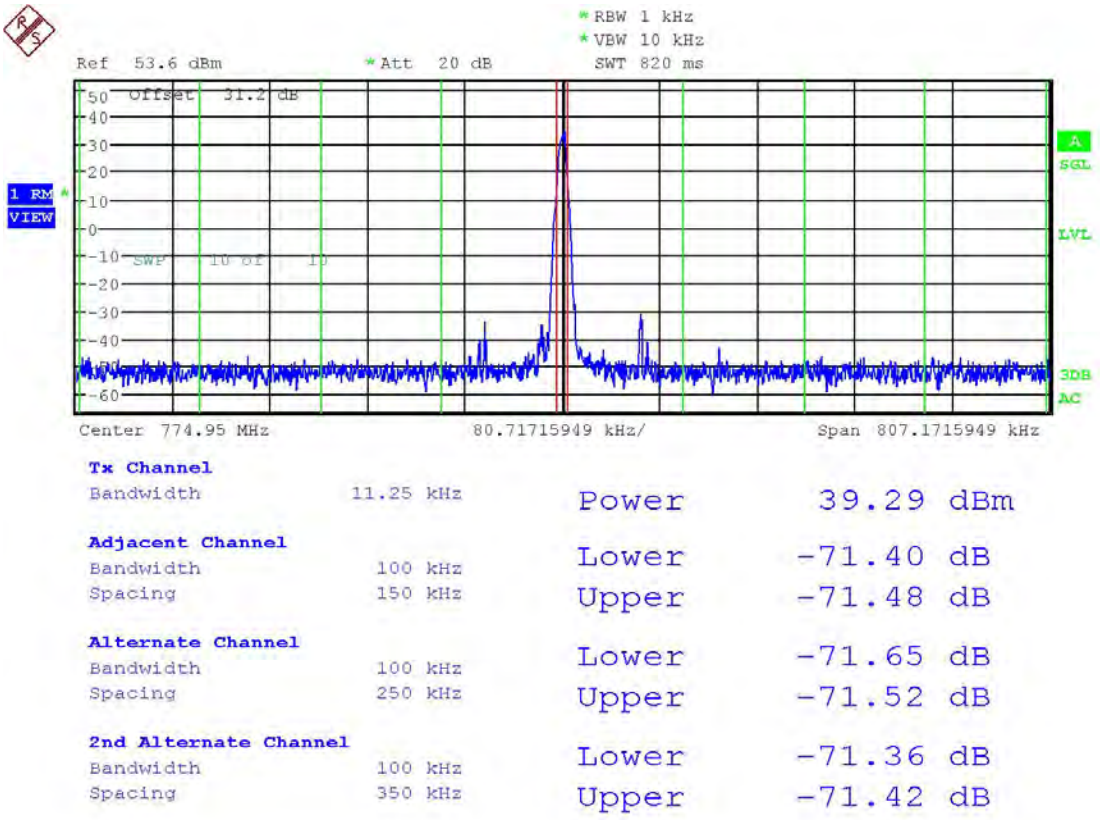
ADJACENT CHANNEL POWER (ACP)

TEST FREQ. 774.95 MHz-7K80FXE/7K80FXD/7K80FXW

100 KHz Measurement Bandwidth



Swept 30 KHz Bandwidth Measurement

Offset from center frequency	ACP Limit (dBc)	ACP Level (dBc)		Margin (dB)
>400 KHz to 12 MHz	-75	Upper	-79.6	4.6
		Lower	-79.7	4.7
12 MHz to paired rx band	-75		-83.1	8.1
In the paired rx band	-100		-104.9	4.9

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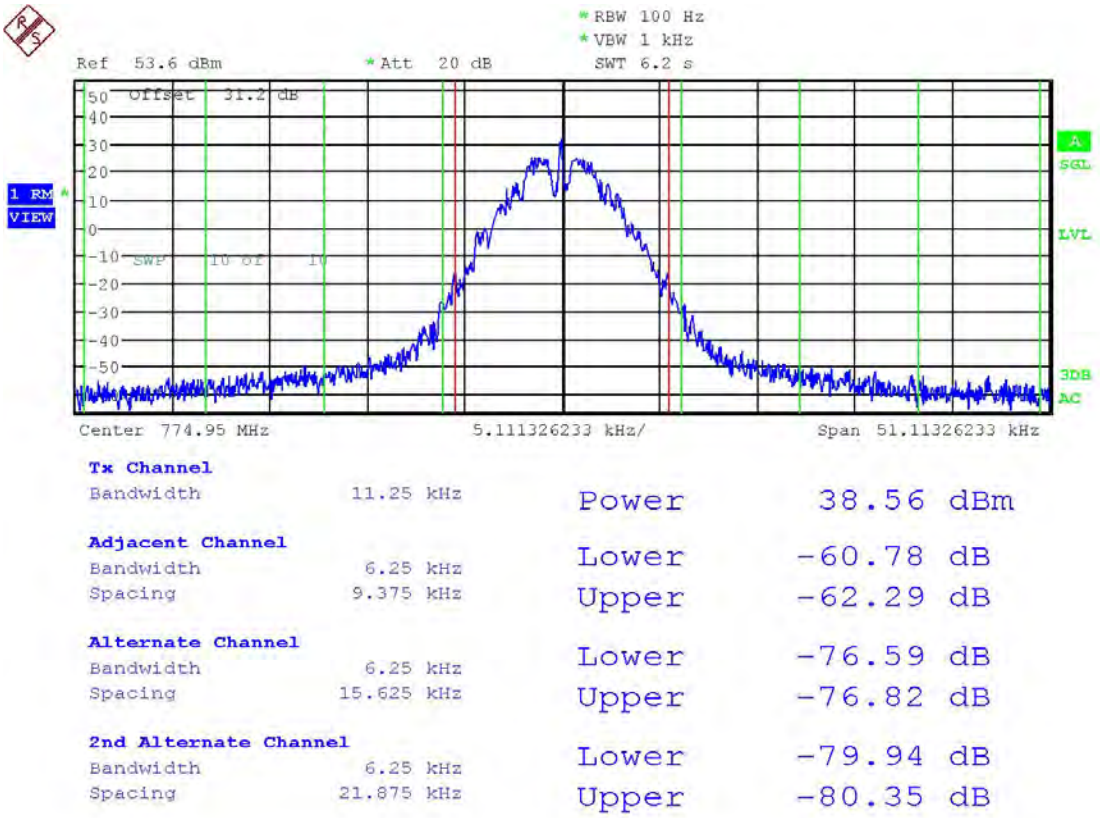
ADJACENT CHANNEL POWER (ACP)

TEST FREQ. 774.95 MHz-5K41F2E

6.25 KHz Measurement Bandwidth



Date: 18.AUG.2015 09:32:59

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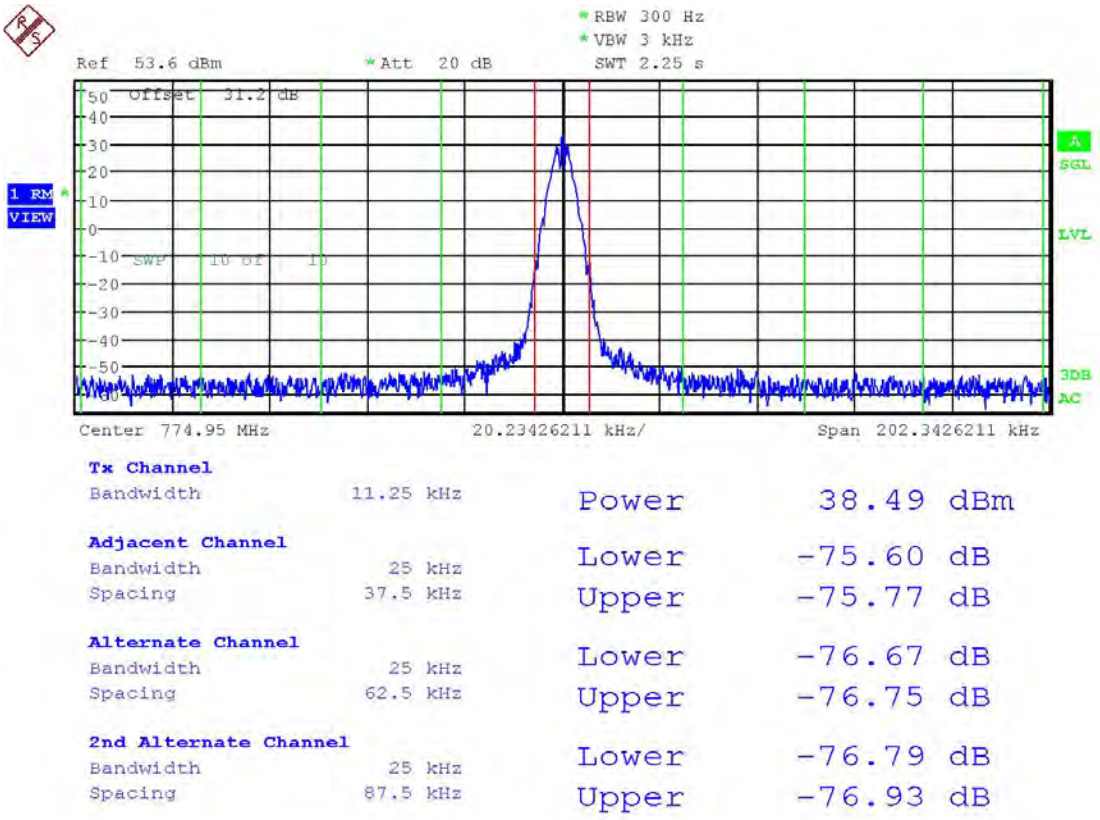
ADJACENT CHANNEL POWER (ACP)

TEST FREQ. 774.95 MHz-5K41F2E

25 KHz Measurement Bandwidth



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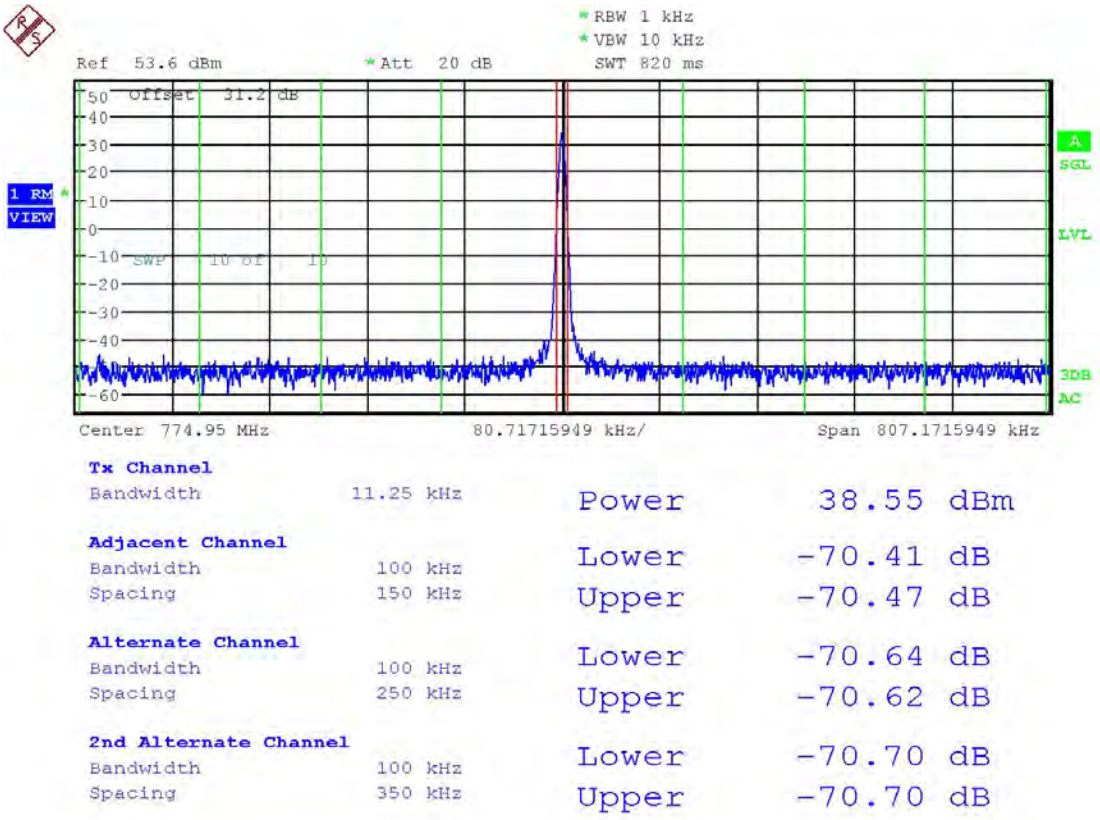
ADJACENT CHANNEL POWER (ACP)

TEST FREQ. 774.95 MHz-5K41F2E

100 KHz Measurement Bandwidth



Date: 18.AUG.2015 09:34:22

Swept 30 KHz Bandwidth Measurement

Offset from center frequency	ACP Limit (dBc)	ACP Level (dBc)		Margin (dB)
>400 KHz to 12 MHz	-75	Upper	-79.8	4.8
		Lower	-79.6	4.6
12 MHz to paired rx band	-75		-83.2	8.2
In the paired rx band	-100		-103.9	3.9

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