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REPORT ON  
Radio testing of the YAESU FT-277R  
In accordance with ANSI C63.4 1992, RSS-215

Report number TA000819

November 2009

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## GENERAL INFORMATION

MODEL NAME:	FT-277R	
FCC ID:	K6620224X20	
IC:	511B-20224X20	
MANUFACTURER:	Vertex Standard Co., Ltd.	
TRADE NAME:	YAESU	
EUT DESCRIPTION:	Handportable Transceiver	
SERIAL NUMBER:	9L010005	
VOLTAGE REQUIREMENTS:	7.2	[V]
	DC	
SPECIFICATION ARE REFERENCED:	ANSI C63.4 1992	
	RSS-215	
FREQUENCY RANGE:	420.0 to 470.0	[MHz]

INPUT IMPEDANCE (RF):	2000	[ $\Omega$ ]
OUTPUT IMPEDANCE (SP):	8	[ $\Omega$ ]
AUDIO OUTPUT POWER:	0.4	[W]

This report was prepared by Vertex Standard Co., Ltd.

Test performed by Shige.Takahashi

Date 25 / November /2009

## FT-277R Channel Settings

CH No.	Shown on LCD	Receive Frequency [MHz]	IF Frequency [MHz]
1	420.000	420.000	-47.250
2	445.000	445.000	-47.250
3	470.000	470.000	-47.250
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			
17			
18			
19			
20			

NAME OF TEST: Receiver Spurious Emissions (Radiated)

STATE: 0 : General

All other emissions in the required measurement range were more than 20dB below the required limits.

MEASUREMENT RESULTS

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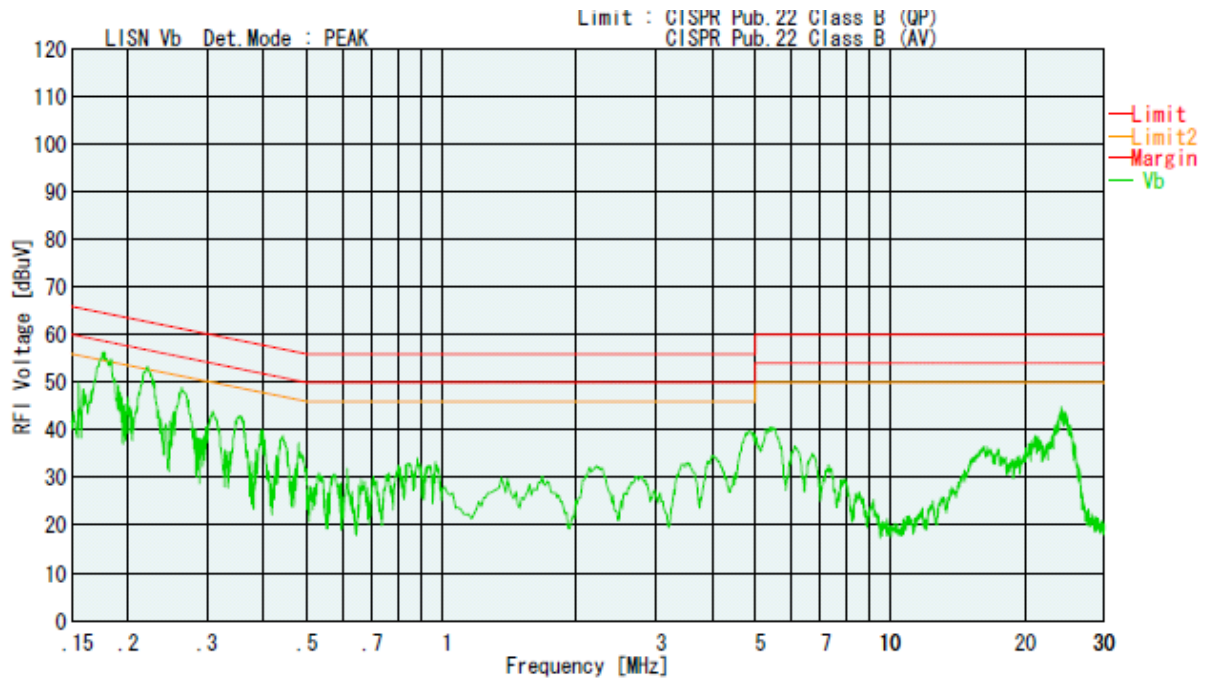
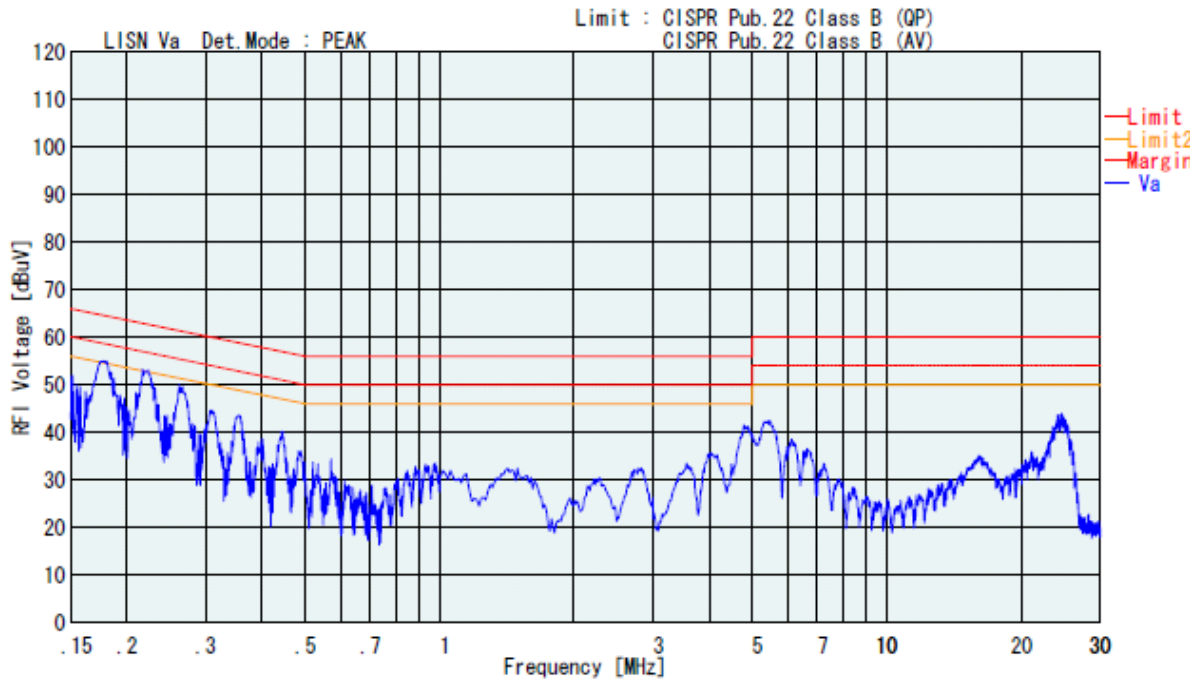
FREQUENCY TUNED, MHz	FREQUENCY EMISSION, MHz	LEVEL, dBuV	@m	CF, dB	uV/m
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measurements exceed the requirements by more than 20 dB

NAME OF TEST: AC Power Line Conducted

STATE: 0 : General  
Line Side



NAME OF TEST: Scanning Receivers Cellular Band Rejection

<u>FREQUENCY INJECTED: 824.5MHz</u>				
<u>FREQUENCY DETECTED, MHz</u>	<u>LEVEL 12dB SINAD at 824.5MHz, dBm</u>	<u>LEVEL 12dB at DETECTED, dBm</u>	<u>REJECTION, dB</u>	<u>MARJIN, dB</u>
-	-	-	>38	-

<u>FREQUENCY INJECTED: 836MHz</u>				
<u>FREQUENCY DETECTED, MHz</u>	<u>LEVEL 12dB SINAD at 836MHz, dBm</u>	<u>LEVEL 12dB at DETECTED, dBm</u>	<u>REJECTION, dB</u>	<u>MARJIN, dB</u>
-	-	-	>38	-

<u>FREQUENCY INJECTED: 848.5MHz</u>				
<u>FREQUENCY DETECTED, MHz</u>	<u>LEVEL 12dB SINAD at 848.5MHz, dBm</u>	<u>LEVEL 12dB at DETECTED, dBm</u>	<u>REJECTION, dB</u>	<u>MARJIN, dB</u>
-	-	-	>38	-

NAME OF TEST: Scanning Receivers Cellular Band Rejection

FREQUENCY INJECTED: 869.1MHz

FREQUENCY DETECTED, MHz	LEVEL 12dB SINAD at 869.1MHz, dBm	LEVEL 12dB at DETECTED, dBm	REJECTION, dB	MARJIN, dB
-	-	-	>38	-

FREQUENCY INJECTED: 881MHz

FREQUENCY DETECTED, MHz	LEVEL 12dB SINAD at 881MHz, dBm	LEVEL 12dB at DETECTED, dBm	REJECTION, dB	MARJIN, dB
-	-	-	>38	-

FREQUENCY INJECTED: 893.5MHz

FREQUENCY DETECTED, MHz	LEVEL 12dB SINAD at 893.5MHz, dBm	LEVEL 12dB at Freq DETECTED, dBm	REJECTION, dB	MARJIN, dB
-	-	-	>38	-