

Anritsu

Spectrum Master™ MS2711D

Fast, Accurate, Repeatable, Portable Spectrum Analysis



SpectrumMaster 

≤ -135 dBm
 $+43$ dBm

≤ 1.1

MS2711D

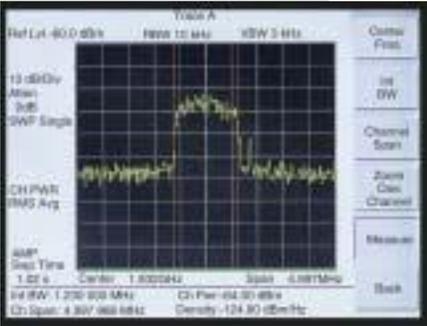
Anritsu

Spectrum Master MS2711D,

MS2711D,

100 kHz 3.0 GHz. S2711D -

MS2711D



2,3 MS2711D

LCD

■

MS2711D

(10)

:

(6)

Anritsu,

(21)

(29)

10

200

RS-232.

RS-232

Handheld Software Tools™

MS2711D.

≤-135 dBm

MS2711D

MS2711D

≤-135 dBm (100 Hz RBW;

).

, MS2711D

+43 dBm

MS2711D

+43 dBm (20).

, MS2711D





2,3

MS2711D

(C/I)

(ACPR),



MS2711D

50 μ s 20 ≤ 1.1

AM/FM/SSB

FM

AM,

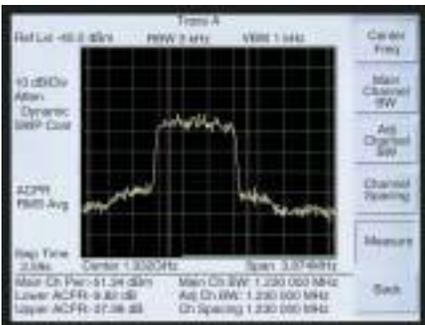
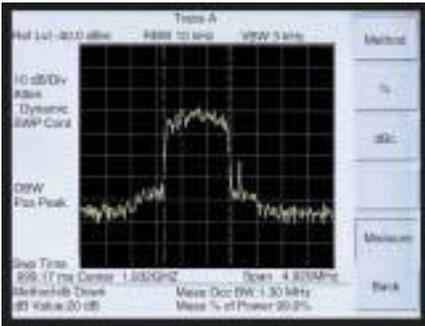
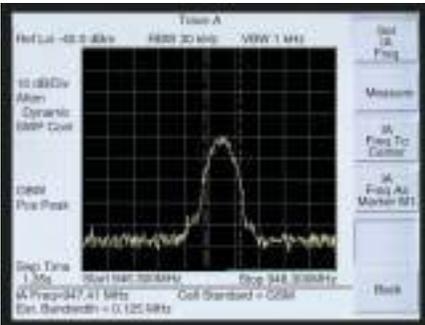
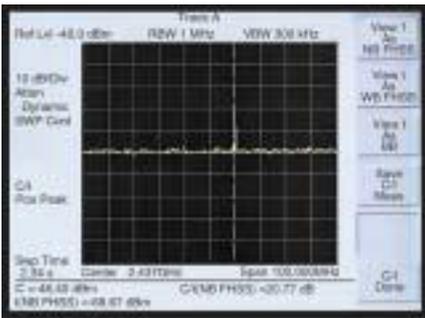
FM,

MS2711D

MS2711D

(21)

(25 MHz 3 GHz),



802.11
2.4 GHz

MS2711D
"IA Frequency" "Measure."
air- (, 1250 kHz CDMA)

" " " " 3 100

(ACPR).

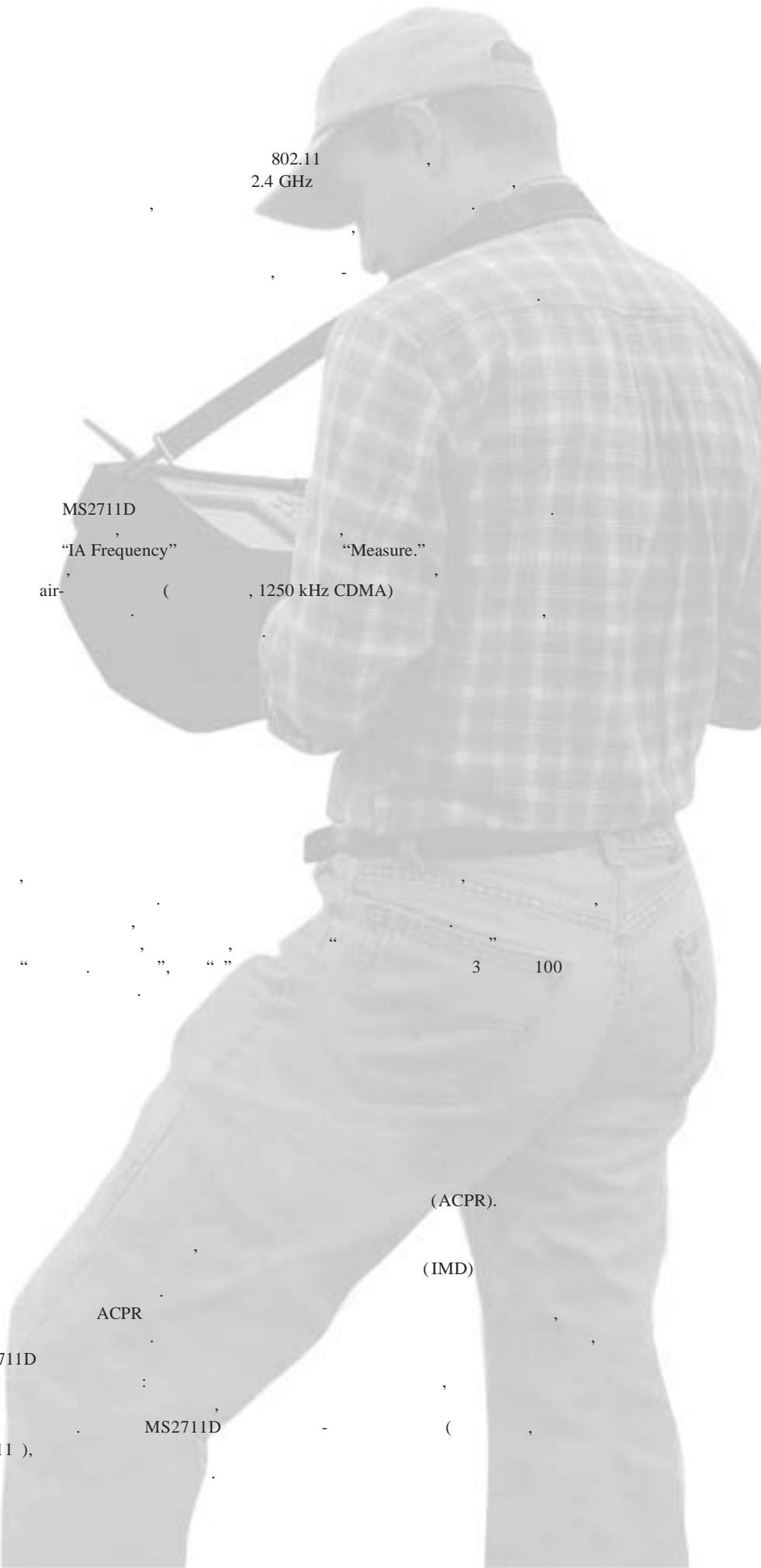
(IMD)

ACPR

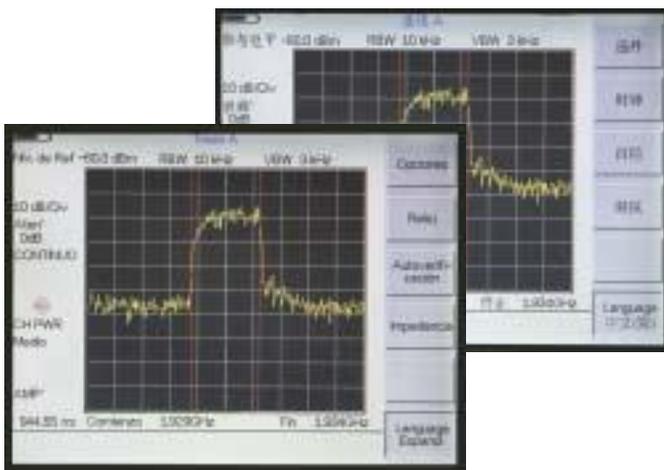
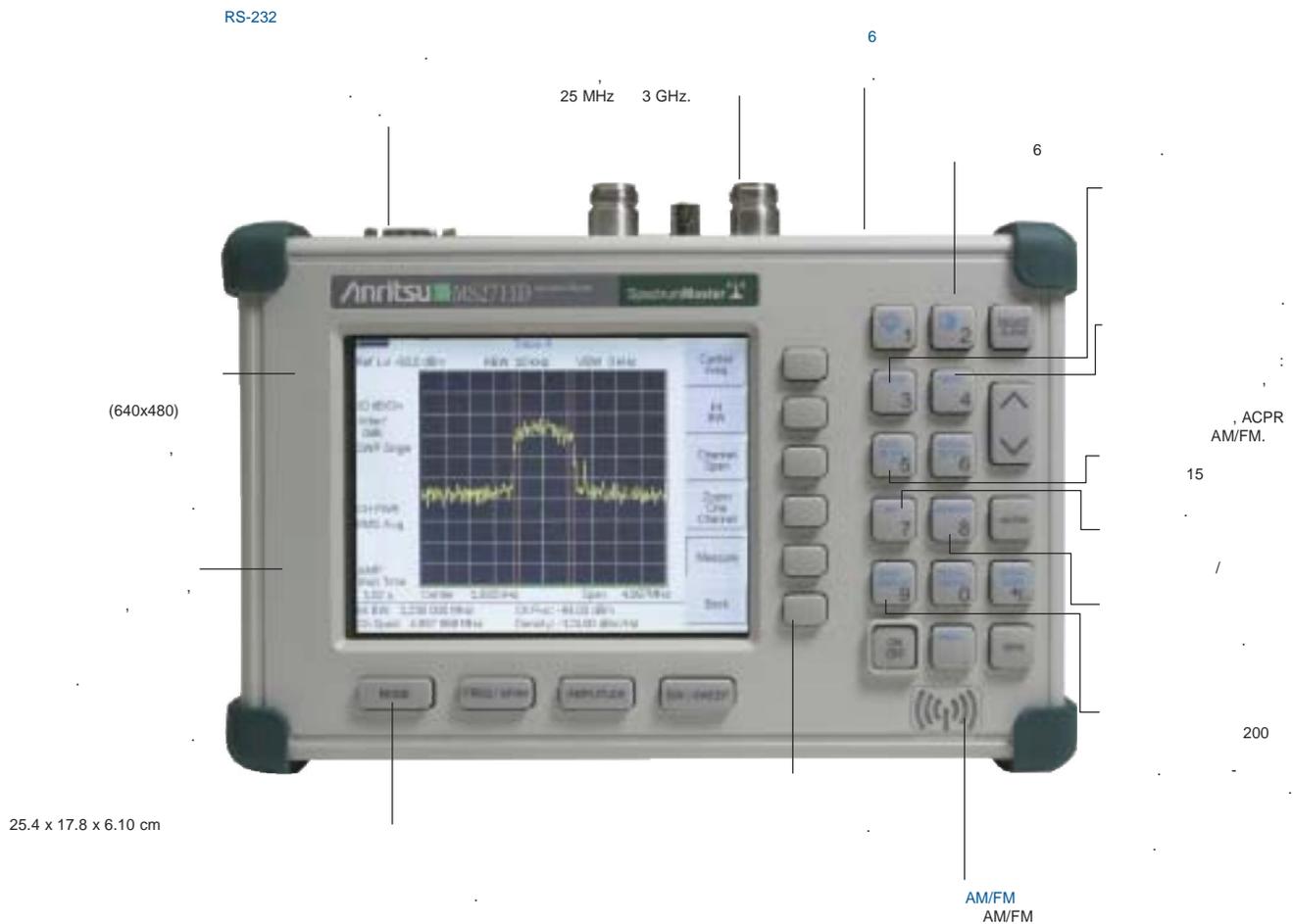
MS2711D

MS2711D

802.11),



Spectrum Master –



MS2711D

FCN4760
4.7 6.0 GHz.
Anritsu Spectrum Master MS2711D
6.

FCN4760

802.11a.



: 100 kHz 3.0 GHz (9 kHz)
 : ±1 ppm/yr, ±2 ppm
 : 10 Hz 2.99 GHz 1, 2, 5
 + : ≤1.1 ; ≤50 μ 20
 (-3 dB): 100 Hz 1 MHz 1-3, ±5%
 (-3 dB): 3 Hz 1 MHz 1-3, ±5%
 SSB (1 GHz) 30 kHz : ≤-75 dBc/Hz
 : ≤-45 dBc
 : ≤-90 dBm, ≥10 MHz
 ≤-80 dBm, <10 MHz
 (10 kHz RBW, . . .)

±1 dB typical (±1.5 dB max), ≥10 MHz to 3 GHz,
 ±2 dB typical <10 MHz
 ≥-60 dBm,
 : +20 dBm -135 dBm
 : 0 51 dB,
 , 1 dB.

(Input terminated, 0 dB atten.,
 RMS detection, 100 Hz RBW): ≤-135 dBm, ≥10 MHz (. . .)
 ≤-115 dBm, <10 MHz (. . .)
 : >65 dB
 : 1 15 dB/ , 1 dB,
 10
 : dBm, dBV, dBmV, dBμV, V, W
 : (≥20 dB), 1.5:1 , (10 MHz 2.4 GHz)

: 200
 : 15
 : VGA
 : N- , 50Ω
 : +23 dBm, ±50 VDC
 : N- , 50Ω
 : +43 dBm(), ±50 VDC
 : RS-232 9 D-sub
 : EN 61010-1
 : -10°C 55°C, 85%
 : -51°C +71°C
 : DC: +12.5 to +15 volts dc, 3A max
 : NiMH 10.8 , 1800 mAh
 : 25.4 cm x 17.8 cm x 6.10 cm
 : 2.14 kg , 2.28 kg

6 -

10 -

: +18 Vdc
 : 1 A 150 ms, 300 mA max

21 -

: 25 MHz 3 GHz
 : 10 Hz
 : -10 dBm
 : 80 dB, 25 MHz 1 GHz
 60 dB, >1 GHz 3 GHz
 ()
 : 50Ω

29 -

: 3 MHz 3.0 GHz
 : -80 dBm +20 dBm
 (+80 dBm 60 dB)
 : -80 dBm +80 dBm
 : 0 to +60 dB
 **: ±1 dB typical (±1.5 dBm max), ≥10 MHz to 3 GHz
 ±2 dB typical, 3 MHz to <10 MHz
 : 1.5:1 typical (P_{in} > -30 dBm, >10 MHz to 2.4 GHz)
 : +20 dBm (0.1W)

FCN4760 -

: 4.7 GHz 6 GHz
 : 10 Hz
 : ±1 ppm/yr
 : ±2 ppm
 SSB (6 GHz) 30 kHz : ≤-65 dBc/Hz
 : ≤-45 dBc
 : ≤-90 dBm
 : -40 dBm -100 dBm
 () : -100 dBm
 : ±1.25 dB (±1.75 dB max.)
 : -5 dBm
 : N- , 50Ω
 : (MS2711D): N- , 50Ω
 : EN 61010-1
 : -10°C 50°C, 85% -50°C
 -80°C
 : 850 mW max
 : 6.6 cm x 10.9 cm x 3.3 cm
 : <0.45 kg

MS2711D –	100 kHz	3.0 GHz	1030-87	900 MHz, 902-960 MHz, = 1.7 dB, N(m)-SMA(f)
10580-00097			1030-88	1900 MHz, 1.85-1.99 GHz, = 1.8 dB, N(m)-SMA(f)
AC – DC			1030-89	2400 MHz, 2.4-2.5 GHz, = 1.9 dB, N(m)-SMA(f)
CD	/12	DC	510-97	7/16 DIN (f) to 7/16 DIN (f), 7.5 GHz
			48258	
			40-163	AC/DC
			806-62	/12 Volt DC
			800-441	
			760-229	
			2300-347	«Anritsu Handheld Software Tools»
			10580-00097	Anritsu HHSA, Model MS2711D ()
			10580-00098	Anritsu HHSA
			10580-00099	Anritsu HHSA
			633-27	NiMH
			551-1691	USB RS-232
			70-28	
			2000-1029	NiMH
FCN4760		4.7	6.0 GHz	
42N50A-30	30 dB, 50 Watt,		DC 18	
	GHz, N(m)	N(f)		
34NN50A		DC	18 GHz, 50Ω, N(m)	N(m)
34N50A-30		DC	18 GHz, 50Ω, N(f)	N(f)
15NN50-1.5C	1.5	N(m)	N(m), 6 GHz	
15NN50-3.0C	3.0	N(m)	N(m), 6 GHz	
15NN50-5.0C	5.0	N(m)	N(m), 6 GHz	2000-1214
15NNF50-1.5C	1.5	N(m)	N(f), 6 GHz	
15NNF50-3.0C	3.0	N(m)	N(f), 6 GHz	2000-753
15NNF50-5.0C	5.0	N(m)	N(f), 6 GHz	2000-663
15ND50-1.5C	1.5	N(m)	7/16 DIN(m),	2000-664
	6.0 GHz			2000-1218
15NDF50-1.5C	1.5	N(m)	7/16 DIN(f),	2000-667
	6.0 GHz			2000-1217
510-90		7/16 DIN (f) to N(m), DC to 7.5 GHz, 50Ω		2000-1216
510-91		7/16 DIN (f)-N(f), DC to 7.5 GHz, 50Ω		
510-92		7/16 DIN (m)-N(m), DC to 7.5 GHz, 50Ω		
510-93		7/16 DIN(m)-N(f), DC to 7.5 GHz, 50Ω		
510-96		7/16 DIN (m) to 7/16 DIN (m), DC to 7.5 GHz, 50Ω		
1030-86		800 MHz, 806-869 MHz, = 1.7 dB, N(m)-SMA(f)		

SALES CENTERS:

United States (800) ANRITSU
 Canada (800) ANRITSU
 South America 55 (21) 2527-6922

Europe 44 (0) 1582-433433
 Japan 81 (46) 223-1111
 Asia-Pacific (65) 6282-2400

Microwave Measurements Division
 490 Jarvis Drive, Morgan Hill, CA 95037-2809
<http://www.us.anritsu.com>



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