

Anritsu

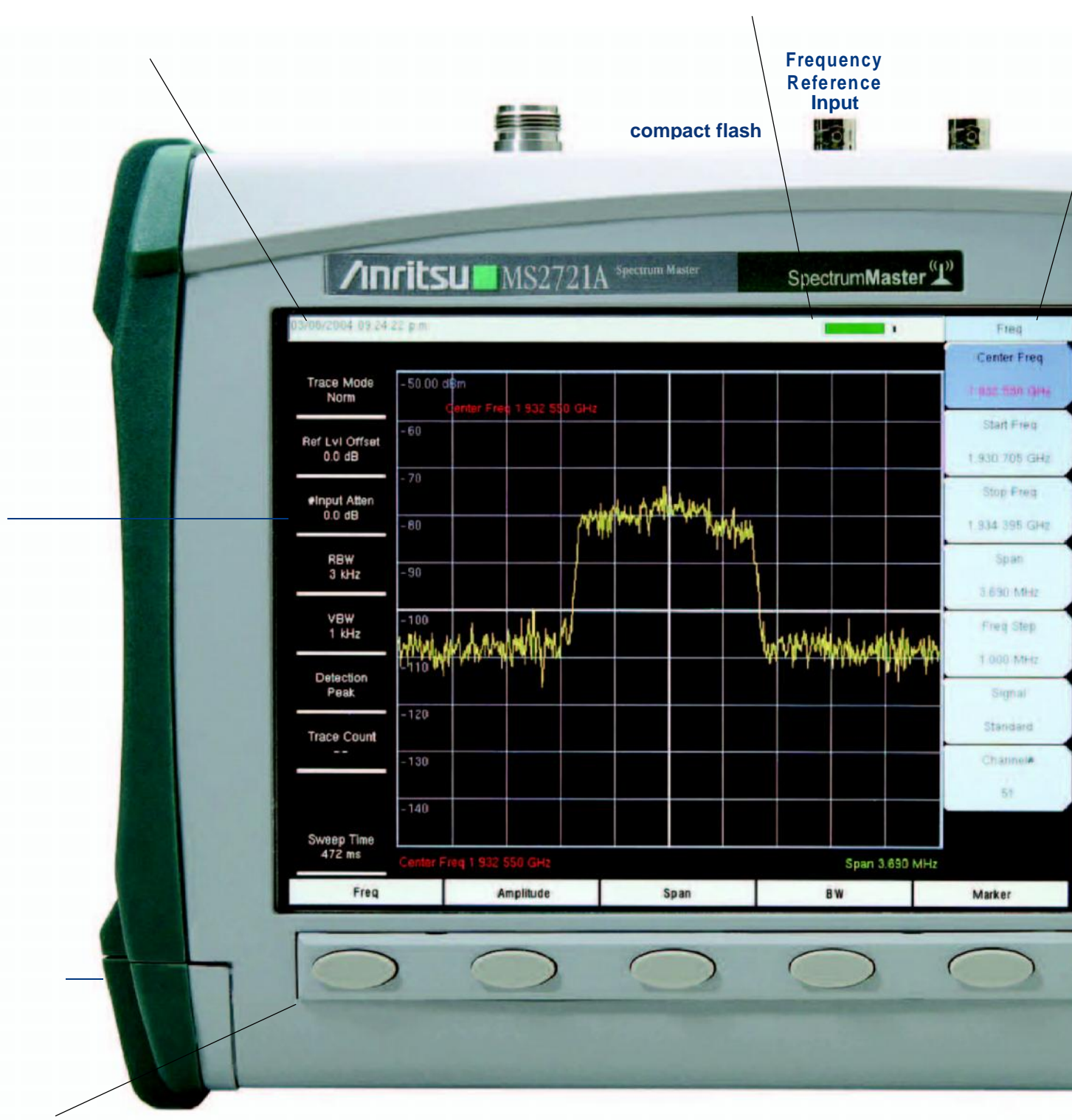
Spectrum Master™ MS2721A

High Performance Handheld Spectrum Analyzer



SpectrumMaster 

Anritsu MS2721A –

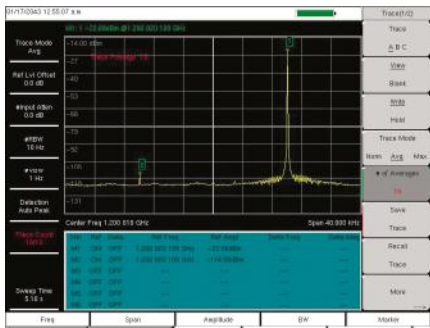
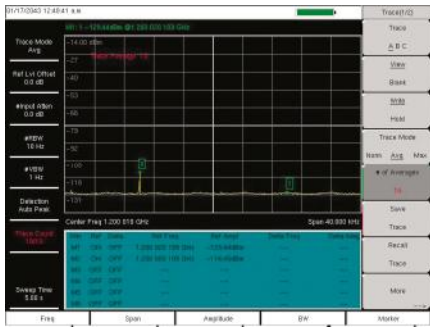


≤ -153 dBm @ 1 GHz

MS2721A

Spectrum Master





RBW/VBW () /RBW

compact flash 64

USB 2.0 10/100 Ethernet 15

(C/I).

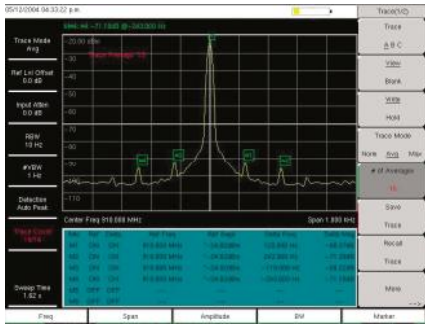
Spectrum Master MS2721A

20 -114 dBm -22 dBm

RBW VBW / C/I

WiFi





7,1

10



100

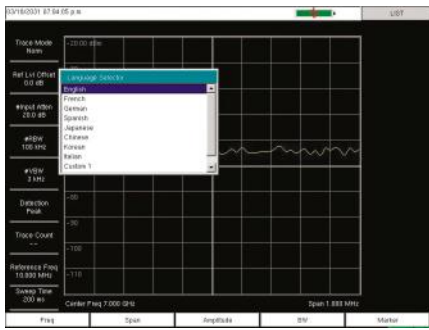
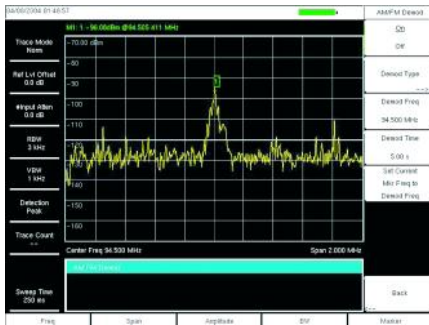
7,1

— Spectrum Master MS2721A

WiFi WiFi5,

/ /SSB





2,9 (, -)

/ (,)

MS2721A,

MS2721A

Master Software Tools,

MS272A

900
50

4294

+43 dBm
MS2721A

+43 dBm (20)

MS2721A

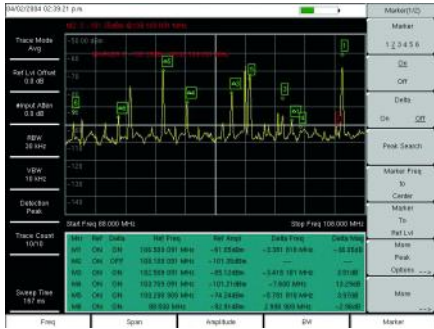
MS2721A
compact flash
compact flash,

64
compact flash

MS2721A

:

« / »



MS2721A.

dBm/ dBμV/ -

MS2721A

1

6

6

40

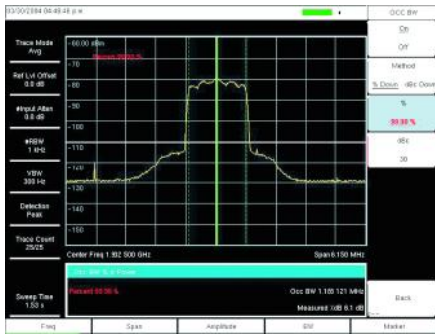
99,99% 1%

(ACPR)

dBm/

/ /SSB

±10



MS2721A

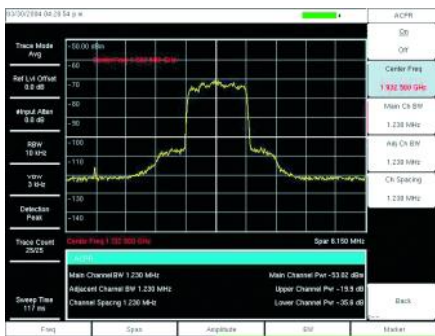
(ACPR) C/I.

MS272A

900

50

4294



2,4

5,8

802.11,

MS2721A,

802.11a, 802.11b

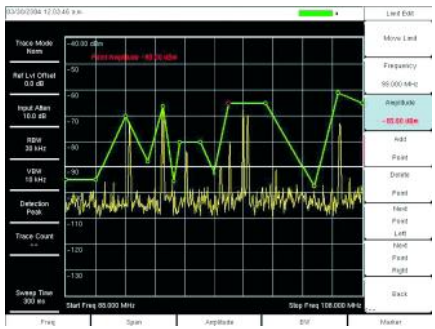
802.11g.

C/I -

WiFi

802.11,

2,4



100

(ACPR).

(IMD)

ACPR

MS2721A

):

MS2721A

100 7,1

1

± 1
 ± 1 (25°C ± 25°C) +

10 7,1 0 ()

100 ,50

±2%

(-3) 10 3 ±10 % 1-3,
8

(-3) 1 3 1-3

-100 10, 20 30
-102 100

10 , +30 dBm

10 , >+43 dBm, ±50
<10 , >+23 dBm, ±50

>30 dBm <10 10

10 23 dBm <10

2,0:1, 1,5:1 (10)

- >10 , 10

(DANL) +30 dBm

-50 dBm,

35 dB,

100 10 ±1,5
>10 4 ±1,25
>4 7,1 ±1,75

(0 , -35 dBm)

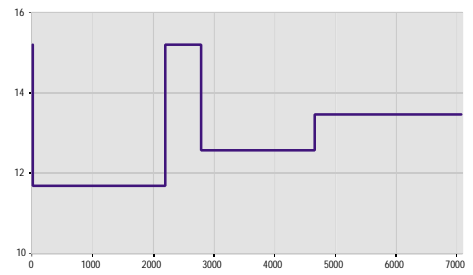
-40 , >0,75 1,05
-50 , >1,05 1,4
-70 , >1,4 2
-80 , >2

(TOI) ()			
	50	300	>8 dBm
	>300	2,2	>10 dBm
	>2,2	2,8	>15 dBm
	>2,8	4,0	>10 dBm
	>4,0	7,1	>13 dBm

	>10	1	-153 dBm	-151 dBm
	>1	2,2	-150 dBm	-149 dBm
	>2,2	2,8	-146 dBm	-143 dBm
	>2,8	4,0	-150 dBm	-149 dBm
	>4,0	7,1	-148 dBm	-146 dBm

(0 , DANL) -50 dBm, 23°C,

>10	1	11
>1	2,2	14
>2,2	2,8	18
>2,8	4,0	14
>4,0	7,1	16



2 15 / 1 . 10

: dBm, dBV, dBmV, dBµV

0 65

5

*		-60 dBc	*, (<-70 dBc),	-30 dBm,	0
1674		-46 dBc	. (-56 dBc),	0 2800	
>1674	1774	-50 dBc	. (-60 dBc) (F	- 1674)
>1774	2900	-48 dBc	. (-68 dBc) (F	- 1674)

(0)

-90 dBm	**,	100	<3200
-84 dBm	**,	3200	7100

** :

250, 300	350	-85 dBm	.
~4010		-80 dBm	. (-90 dBm)
~5084		-70 dBm	. (-83 dBm)
~5894		-75 dBm	. (-87 dBm)
~7028		-80 dBm	. (-92 dBm)

-100 dBm (0)

Part Number	Description	Part Number	Description
100	MS2721A - 7,1	510-97	, 7/16 DIN(f) - 7/16 DIN(f), 7.5
C		61382	
10580-00103		40-168	/
61382		806-141	, 12
40-163		760-235	
806-62			Anritsu
2300-498	- Anritsu Master Software Tools	2300-498	MS2721A - Anritsu Master Software Tools
2000-1360	USB A- B cable	10580-00103	MS2721A Anritsu,
2000-1371	Ethernet	10580-00104	MS2721A Anritsu,
633-44	, NiMH,	10580-00105	MS2721A Anritsu,
2000-1358	Compact Flash, 64	633-44	MS2721A , NiMH
		2000-1374	-
42N50A-30	, 30 , 50 ,	2000-1030	, 50 , SMA(m),
34NN50A	, 18 , N(m) - N(f), 18 , 50 ,	2000-1031	1.71-1.88 , 50 , SMA(m),
34NFN50	N(m) - N(m) , 18 , 50 ,	2000-1032	1.85-1.99 , 50 , SMA(m),
15NNF50-1.5B	N(f) - N(f) , 18 , 50 ,	2000-1035	2.4-2.5 , 50 , SMA(m),
15ND50-1.5C	1.5 , N(m) - N(f), 18 ,	2000-1200	896-941 , 50 , SMA(m),
15NDF50-1.5C	1.5 , N(m) - 7/16 DIN(m), 6.0 ,	2000-1361	806-869 , 50 , SMA(m),
510-90	1.5 , N(m) - 7/16 DIN(f), 6.0 ,	2000-1358	5725-5825 , 50 , SMA(m),
510-91	, 7/16 DIN(f) - N(m), 7.5 , 50 ,		Compact Flash, 64
510-92	, 7/16 DIN(f) - N(f), 7.5 , 50 ,		
510-93	, 7/16 DIN(m) - N(m), 7.5 , 50 ,	2000-1411	: Yagi , 10 dBd, N(f),
510-96	, 7/16 DIN(m) - N(f), 7.5 , 50 ,	2000-1412	822-900 Yagi , 10 dBd, N(f),
1030-86	7.5 , 50 , 800 , 806-	2000-1413	885-975 Yagi , 10 dBd, N(f),
1030-87	869 , 1.7 , N(m) - SMA(f) ,	2000-1414	1.71-1.88 Yagi , 9.3 dBd, N(f),
1030-88	902-960 , 1.7 , N(m) - SMA(f) ,	2000-1415	1.85-1.99 Yagi , 10 dBd, N(f),
1030-89	1.85-1.99 , 1.8 , N(m) - SMA(f) ,	2000-1416	2.4-2.5 Yagi , 10 dBd, N(f),
	2.4-2.5 , 1.9 , N(m) - SMA(f) ,		1.92-2.23