Test Report
for
FCC Part 15 Subpart B & C & E

of

Product Name

802.11a+g Access Point with PoE

Model

RDAT-81;IA300 (IntraAir 300);
WNA-0501P;WDAP-2000PE

(Brand: Wistron NeWeb)

Applied by:

Wistron Neweb Corporation
No. 10-1, Li-hsin Road 1,
Science-based Industrial Park,Hsinchu 300,
Taiwan, R. O. C.

Test Performed by:

International Standards Laboratory

No. 120, Lane 180, San Ho Tsuen, Hsin Ho Rd.
Lung-Tan Hsiang, Tao Yuan County 325
Taiwan, R.O.C.
Tel:(03)407-1718 Fax:(03)407-1738

Contents of Report

1. General

1.1 Certification of Accuracy of Test Data

Standards:	CFR 47 Part 15 Subpart B Class B CFR 47 Part 15 Subpart C (Section 15.247) CFR 47 Part 15 Subpart E (Section 15.407)
Test Procedure:	ANSI C63.4:2003
Equipment Tested:	802.11a+g Access Point with PoE
Model:	RDAT-81;IA300 (IntraAir 300);WNA-0501P;WDAP-2000PE
Applied by:	Wistron Neweb Corporation
Sample received Date:	2005/08/16
Final test Date :	2005/08/17-2005/09/15
Test Result	PASS
Test Site:	Chamber 02, Conduction 02
Temperature	Refer to each site test data
Humidity:	Refer to each site test data
Test Engineer:	Jerry Chiou

All the tests in this report have been performed and recorded in accordance with the standards described above and performed by an independent electromagnetic compatibility consultant, International Standards Laboratory.

The test results contained in this report accurately represent the measurements of the characteristics and the energy generated by sample equipment under test at the time of the test. The sample equipment tested as described in this report is in compliance with the limits of above standards.

Approve & Signature

Eddy Hsiung/Director

Test results given in this report apply only to the specific sample(s) tested under stated test conditions. This report shall not be reproduced other than in full without the explicit written consent of ISL. This report totally contains 126 pages, including 1 cover page , 3 contents page, and 122 pages for the test description. This report must not be use to claim product endorsement by NVLAP or any agency of the U.S. Government.

This test data shown below is traceable to NIST or national or international standard. International Standards Laboratory certifies that no party to this application has been denied the FCC benefits pursuant to Section 5301 of the Anti-Drug Abuse Act of 1988, 21 U.S.C. 853(a).

2. Test Results Summary

The 802.11b functions of EUT has been tested according to the FCC regulations listed below:

Tested Standards: 47 CFR Part 15 Subpart C			
Standard Section	Test Type	Result	Remarks
15.207	AC Power Line Emissions	Pass	
15.247(a)(2)	Spectrum Bandwidth Of DSSS device	Pass	
15.247(b)	Max. Peak Output Power	Pass	
15.247(c)	Radiated Emissions 30MHz – 25 GHz	Pass	
15.247 (c)	Band Edge Measurement	Pass	
15.247(b)(4)	Radiation Exposure	Pass	MPE report attached
15.247 (d)	Power Spectral Density	Pass	

The 802.11g functions of EUT has been tested according to the FCC regulations listed below:

Tested Standards: 47 CFR Part 15 Subpart C			
Standard Section	Test Type	Result	Remarks
15.207	AC Power Line Emissions	Pass	
15.247(a)(2)	Spectrum Bandwidth Of DSSS device	Pass	
15.247(b)	Max. Peak Output Power	Pass	
15.247(c)	Radiated Emissions 30MHz – 25 GHz	Pass	
15.247 (c)	Band Edge Measurement	Pass	
15.247(b)(4)	Radiation Exposure	Pass	MPE report attached
15.247 (d)	Power Spectral Density	Pass	

The 802.11a functions of EUT has been tested to the FCC regulations listed below:

Tested Standards: 47 CFR Part 15 Subpart E			
Standard Section	Test Type	Result	Remarks
15.407 (a)(1)(2)(3)	Peak Transmit Power	Pass	
15.407 (a)(1)(2)(3)	Peak Power Spectral Density	Pass	
15.407 (a)(6)	Peak Power Excursion	Pass	
15.407 (b)(5)	AC Power Line Emissions	Pass	
15.407 (b)(5)	Radiated Emissions 30MHz – 40 GHz	Pass	
15.407(f)	Radiation exposure	Pass	MPE report attached
15.407 (g)	Frequency Stability	Pass	

3. Description of Equipment Under Test (EUT)

EUT:	
Description:	802.11a+g Access Point with PoE
Condition:	Pre-Production
Model:	RDAT-81;IA300 (IntraAir 300); WNA-0501P;WDAP-2000PE
Serial Number:	N/A
FCC ID:	NKRRDAT-81
Brand:	Wistron NeWeb
Frequency Range 802.11a:	5150~5350 MHz, 5725~5825 MHz
Frequency Range 802.11b/g:	2400~2483.5 MHz
Support channel:	
802.11a	12 Channels
802.11a Turbo mode	5 Channels
802.11b/g	11 Channels
Modulation Skill:	
802.11a Normal mode	OFDM (6 Mbps – 54 Mbps)
802.11a Turbo mode	OFDM (12 Mbps – 108 MBps)
802.11b	DBPSK(1Mbps), DQPSK(2Mbps), CCK(5.5/11Mbps)
802.11g	OFDM (6M - 54Mbps)
Antennas Type:	
Antenna 1	
Left / Right Antenna	Omni-directional Antenna (F1B-204406-52 , made by LONG CHU ELECTRONICS CO., LTD.)
Antenna 2	
Left / Right Antenna	Dipole (C478-510028-A , made by WHA YU INDUSTRIAL Co., LTD)
Antenna Connected:	Connected to the reverse SMA connector of the EUT
Antenna peak Gain:	
Antenna 1	
Left / Right Antenna	1.82 dBi (11b/g) ,4.28 dBi(11a)
Antenna 2	
Left / Right Antenna	2.5 dBi (11b/g) ,5 dBi(11a)
WLAN Power Type :	3.3V DC from the EUT

The channel and the operation frequency of 802.11b and 802.11g is listed below:

Channel	Frequency(MHz)	Channel	Frequency(MHz)
01	2412	07	2442
02	2417	08	2447
03	2422	09	2452
04	2427	10	2457
05	2432	11	2462
06	2437		

The channel and the operation frequency of 802.11a Normal Mode is listed below:

Channel	Frequency(MHz)	Channel	Frequency(MHz)
01	5180	07	5300
02	5200	08	5320
03	5220	09	5745
04	5240	10	5765
05	5260	11	5785
06	5280	12	5805

The channel and the operation frequency of 802.11a Turbo Mode is listed below:

Channel	Frequency(MHz)	Channel	Frequency(MHz)
01	5210	04	5760
02	5250	05	5800
03	5290		

All types of Antenna have been tested, we present the worst case(Antenna 2) test data in the report.

AC-DC Adapter:	DVE (Model:DSA-12W-05)
Power Input Port:	one
RJ-45 Port:	1-Port 8-pin (10Mbps/100Mbps)
Wireless Antenna:	two

EMI Noise Source:
Crystal: 40MHz(Y1), 25MHz(Y2)

EMI Solution:
None

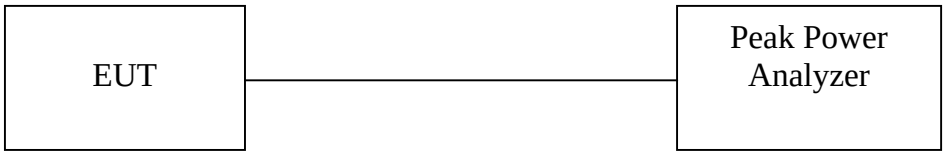
4. TEST RESULTS (802.11a)

4.1 Maximum Peak Output Power [Section 15.407 (a)(1)(2)(3)]

4.1.1 Test Procedure

The transmitter output of EUT was connected to the peak power analyzer.

4.1.2 Test Setup



Frequency Band	Limit
5.15 – 5.25 GHz	The lesser of 50mW (17dBm) or 4dBm+10logB
5.25 – 5.35GHz	The lesser of 250mW (24dBm) or 11dBm+10logB
5.725-5.825GHz	The lesser of 1W (30dBm) or 17dBm+10logB

Note: B is the 26dB emission bandwith in MHz

4.1.3 Test Data: (Normal Mode)

Maximum Peak Output Power

Temperature (°C):25

Test Engineer:Jerry Chiou

Humidity (%):50

Chennel	Frequency (Mhz)	Peak Power Output (dBm)	26 dBc BW/Limit Mhz/dBm	The lesser Limit (dBm)	Pass/Fail
1	**5180**	16.57	26.53/ 18.24	17	Pass
4	**5240**	16.85	27.23/ 18.35	17	Pass
5	**5260**	18.65	27.23/ 25.35	24	Pass
8	**5320**	17.59	26.32/ 25.20	24	Pass
9	**5745**	16.44	26.11/ 31.17	30	Pass
10	**5765**	19.13	26.11/ 31.17	30	Pass
12	**5805**	19.33	25.97/ 31.14	30	Pass

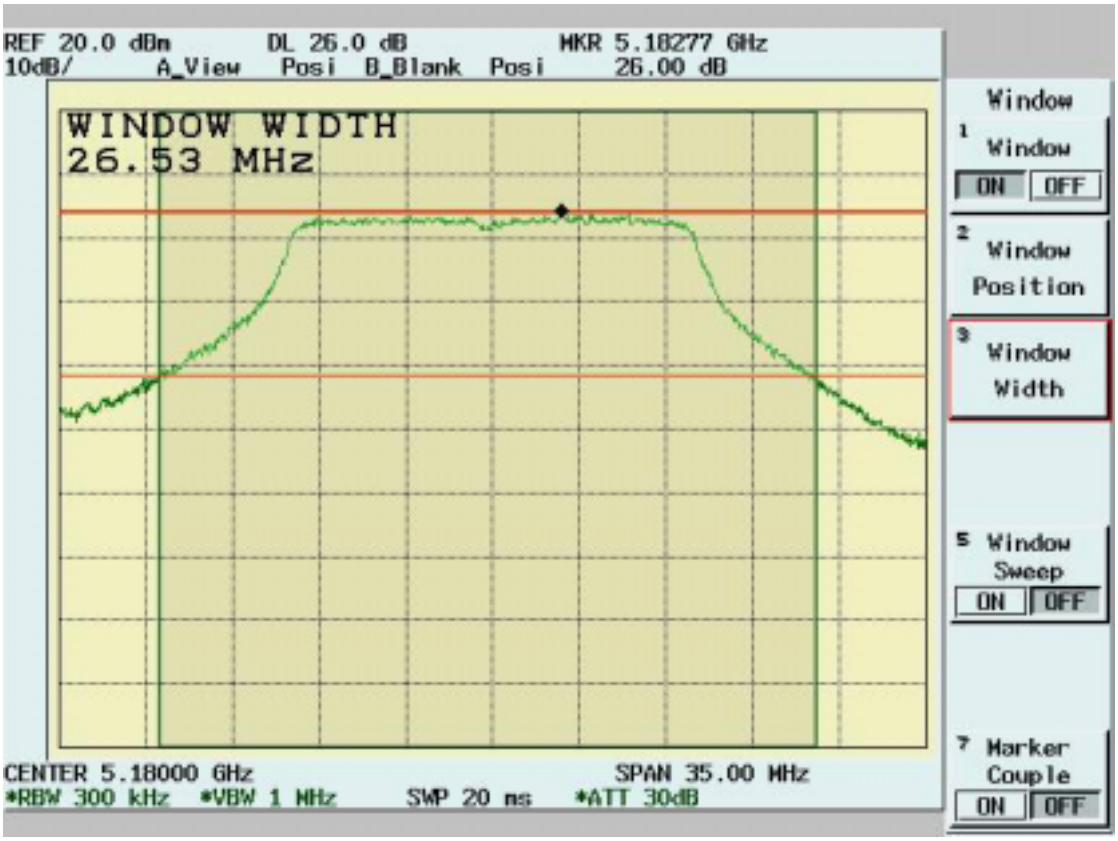
4.1.4 Test Data: (Turbo Mode)

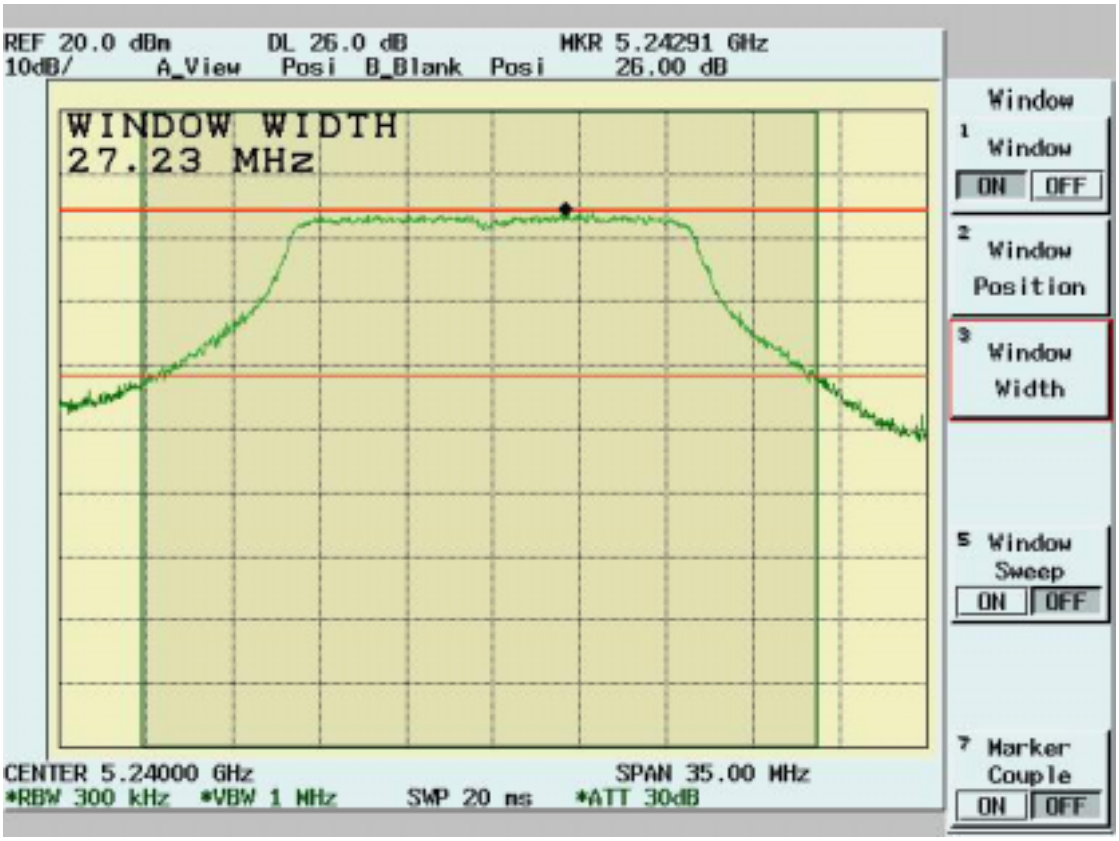
Maximum Peak Output Power

Temperature (°C):25

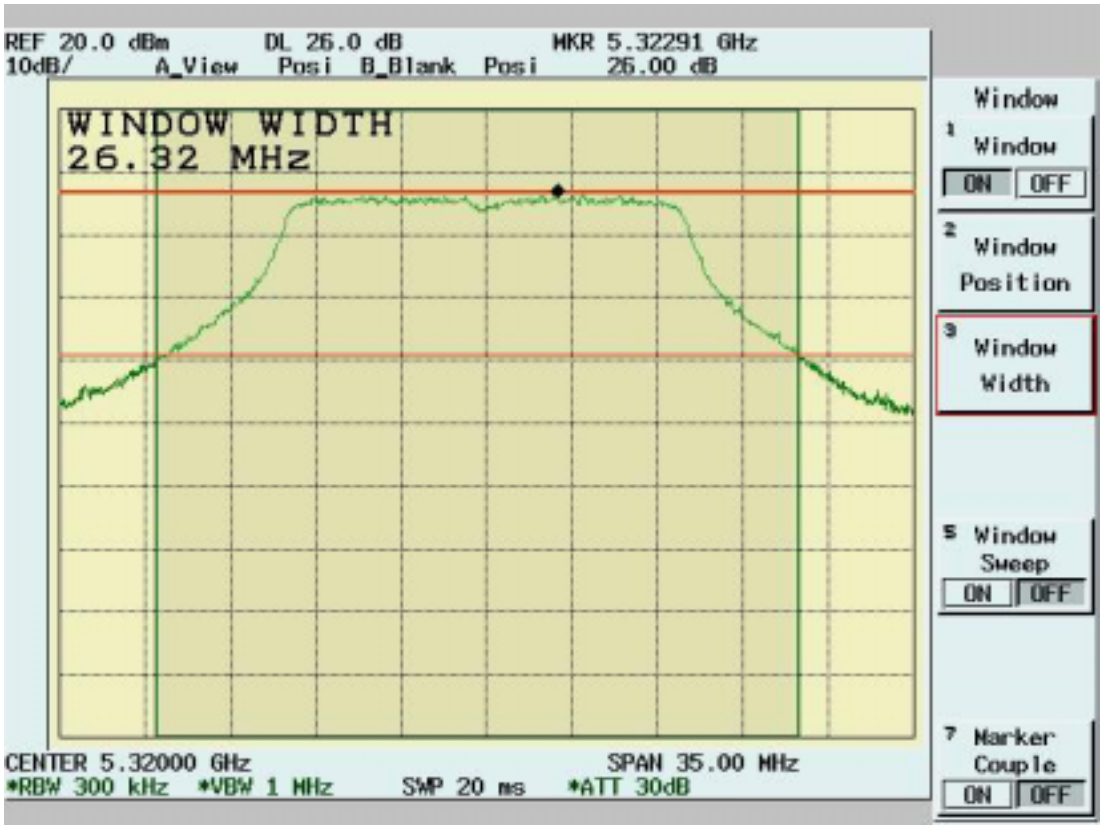
Test Engineer:Jerry Chiou Humidity (%):50

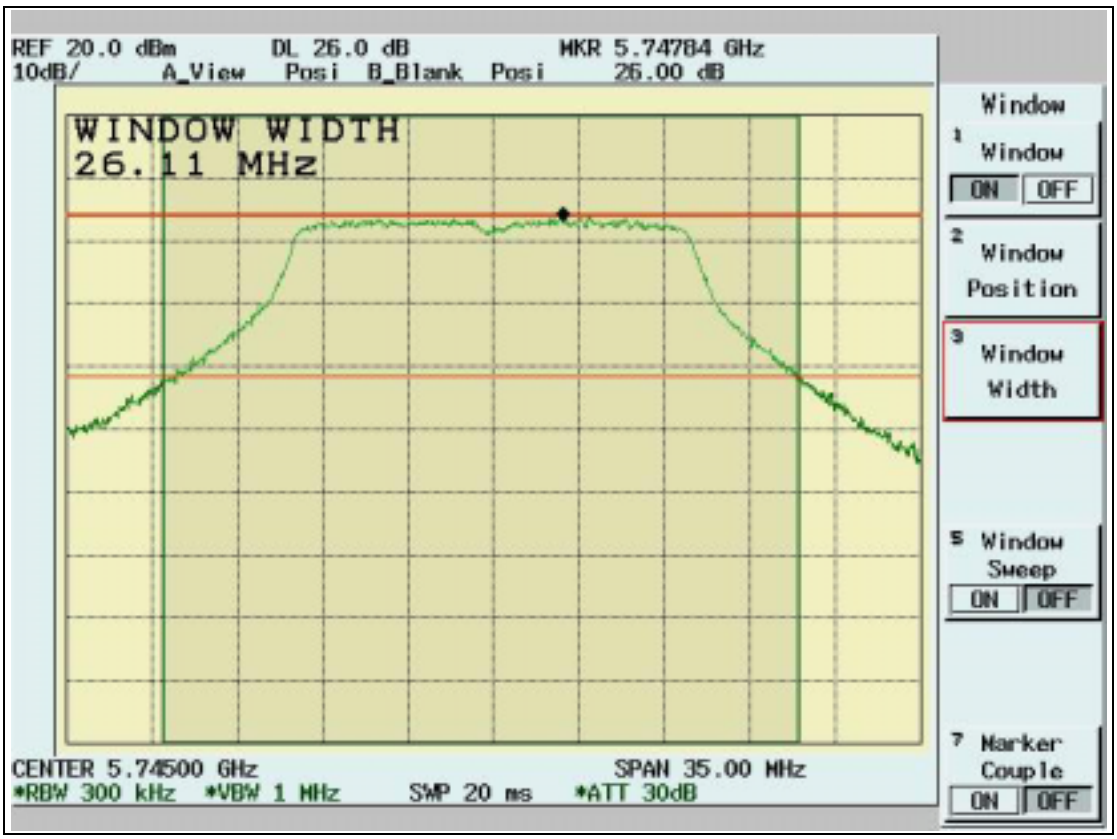
Chennel	Frequency (Mhz)	Peak Power Output (dBm)	26 dBc BW/Limit Mhz/dBm	The lesser Limit (dBm)	Pass/Fail
1	**5210**	16.86	52.56/ 21.21	17	Pass
2	**5250**	16.34	53.52/ 21.29	17	Pass
3	**5290**	16.00	51.48/ 28.12	24	Pass
4	**5760**	14.00	50.88/ 34.07	30	Pass
5	**5800**	13.46	50.16/ 34.00	30	Pass

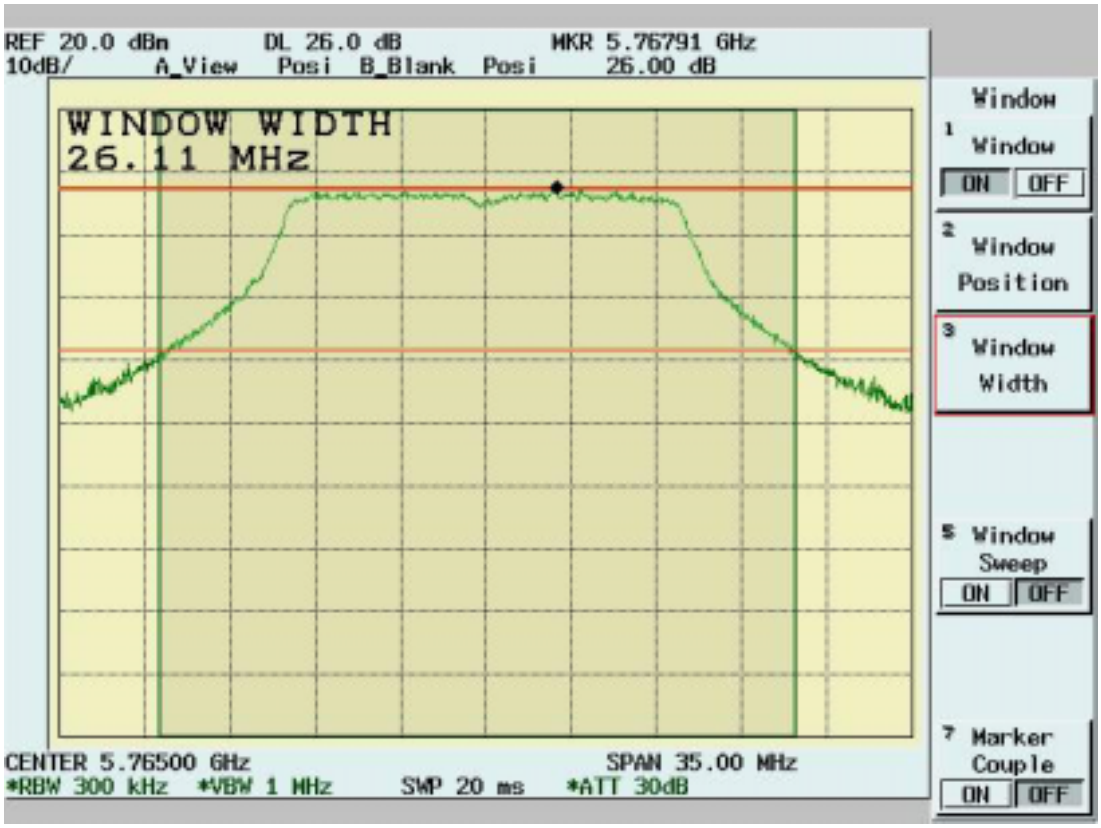

REF 20.0 dBm
10dB/
DL 26.0 dB
A_View Posi B_Blank Posi
MKR 5.18277 GHz
26.00 dB
WINDOW WIDTH
26.53 MHz
CENTER 5.18000 GHz
SPAN 35.00 MHz
*RBW 300 kHz *VBW 1 MHz SWP 20 ms *ATT 30dB
Window
1 Window
ON OFF
2 Window Position
3 Window Width
5 Window Sweep
ON OFF
7 Marker Couple
ON OFF

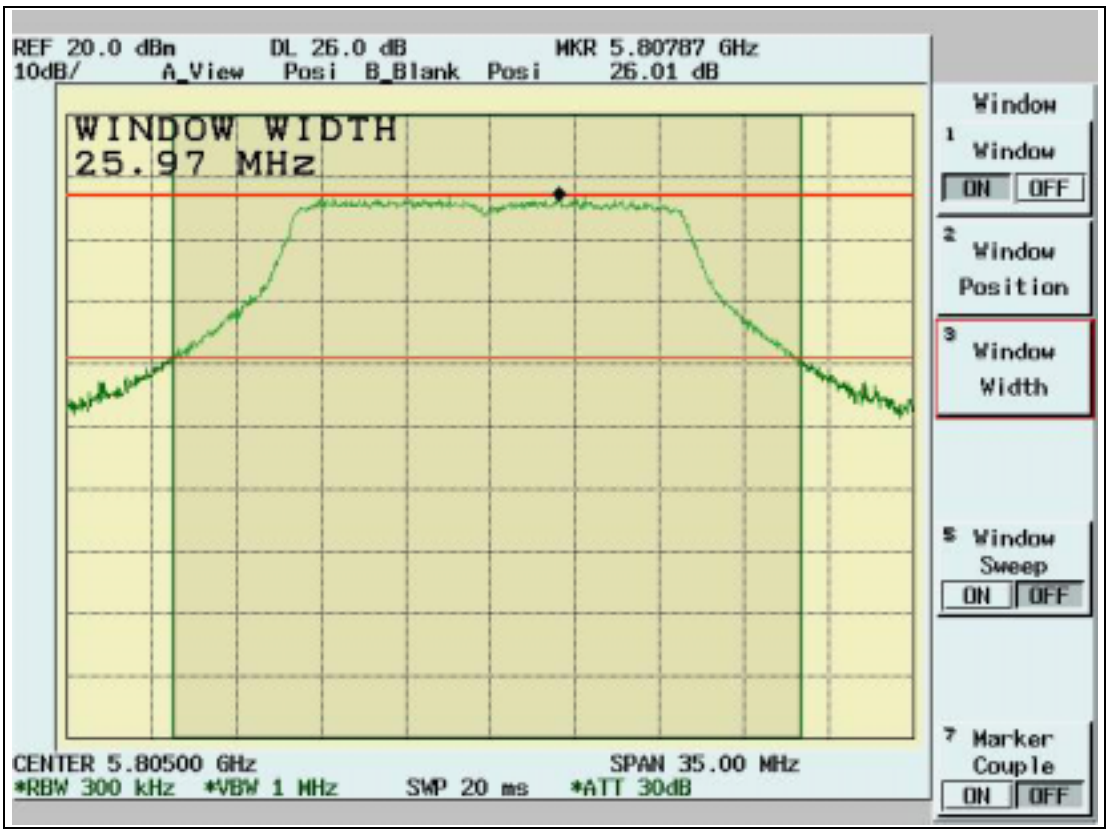

REF 20.0 dBm
10dB/
DL 26.0 dB
A_View Posi B_Blank Posi
MKR 5.24291 GHz
26.00 dB
WINDOW WIDTH
27.23 MHz
CENTER 5.24000 GHz
SPAN 35.00 MHz
*RBW 300 kHz *VBW 1 MHz SWP 20 ms *ATT 30dB
Window
1 Window
ON OFF
2 Window Position
3 Window Width
5 Window Sweep
ON OFF
7 Marker Couple
ON OFF

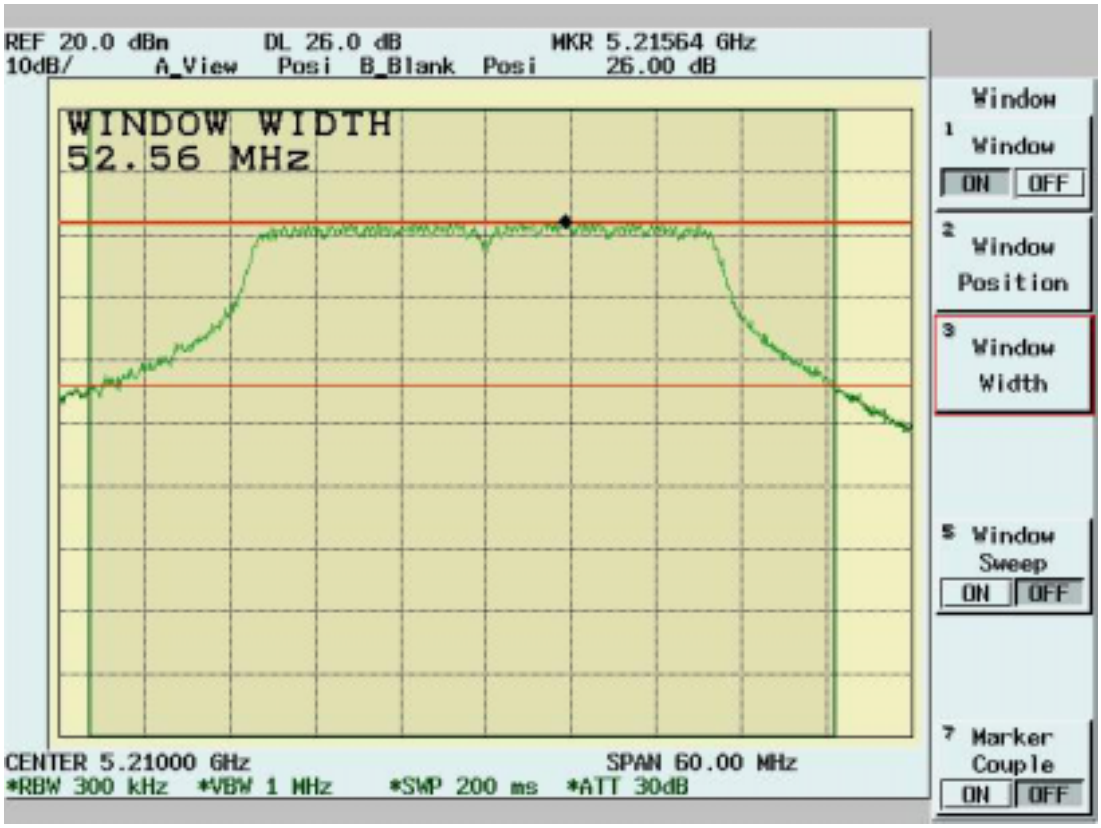

REF 20.0 dBm
DL 26.0 dB
MKR 5.26280 GHz
10dB/
A_View
Posi
B_Blank
Posi
26.00 dB
WINDOW WIDTH
27.23 MHz
Window
1 Window
ON OFF
2 Window Position
3 Window Width
5 Window Sweep
ON OFF
7 Marker Couple
ON OFF
CENTER 5.26000 GHz
SPAN 35.00 MHz
*RBW 300 kHz
*VBW 1 MHz
SWP 20 ms
*ATT 30dB

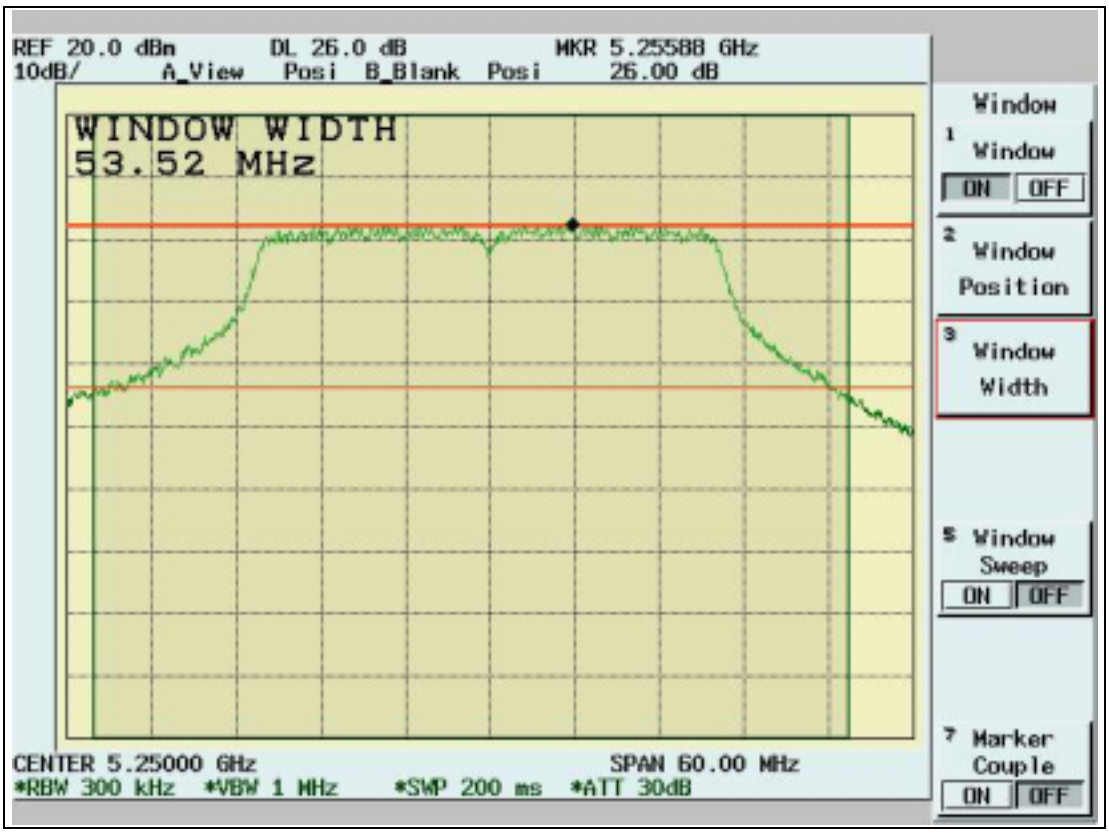

REF 20.0 dBm
DL 26.0 dB
MKR 5.32291 GHz
10dB/
A_View
Posi
B_Blank
Posi
26.00 dB
WINDOW WIDTH
26.32 MHz
Window
1 Window
ON OFF
2 Window Position
3 Window Width
5 Window Sweep
ON OFF
7 Marker Couple
ON OFF
CENTER 5.32000 GHz
SPAN 35.00 MHz
*RBW 300 kHz
*VBW 1 MHz
SWP 20 ms
*ATT 30dB

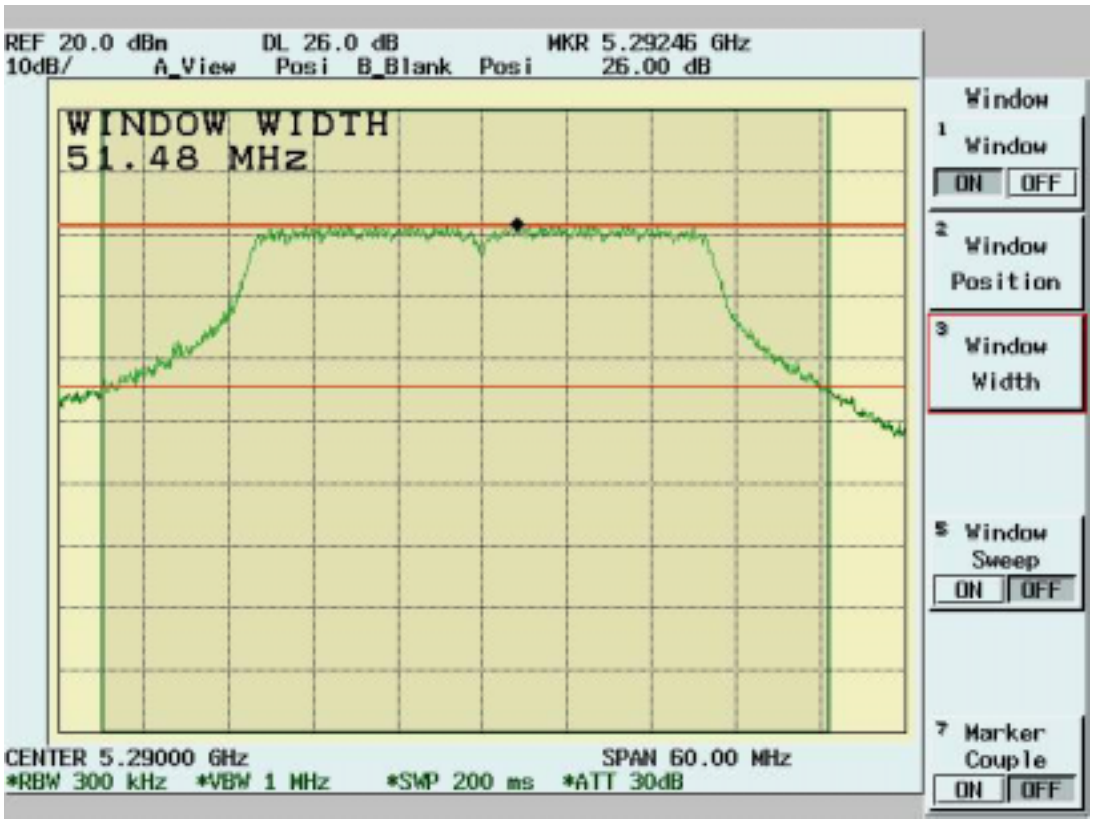

REF 20.0 dBm
DL 26.0 dB
MKR 5.74784 GHz
10dB/
A_View
Posi
B_Blank
Posi
26.00 dB
WINDOW WIDTH
26.11 MHz
Window
1 Window
ON OFF
2 Window Position
3 Window Width
5 Window Sweep
ON OFF
7 Marker Couple
ON OFF
CENTER 5.74500 GHz
SPAN 35.00 MHz
*RBW 300 kHz
*VBW 1 MHz
SWP 20 ms
*ATT 30dB

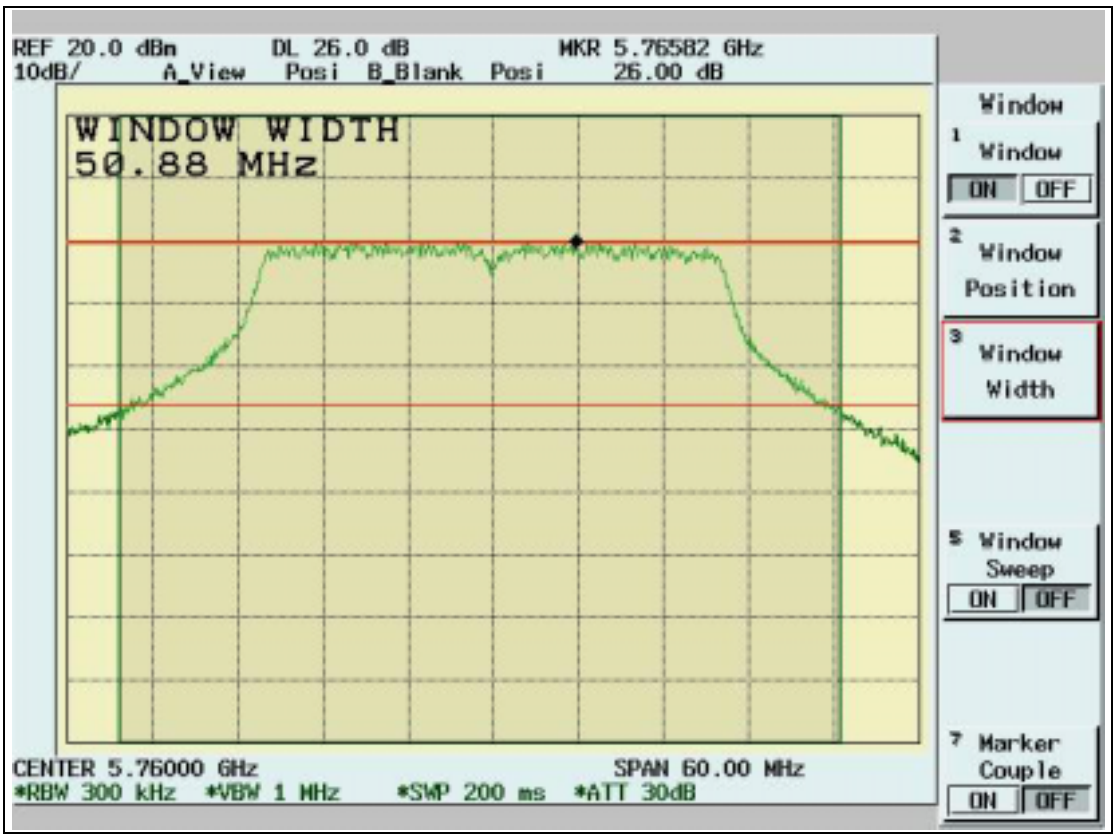

REF 20.0 dBm
DL 26.0 dB
MKR 5.76791 GHz
10dB/
A_View
Posi
B_Blank
Posi
26.00 dB
WINDOW WIDTH
26.11 MHz
Window
1 Window
ON OFF
2 Window Position
3 Window Width
5 Window Sweep
ON OFF
7 Marker Couple
ON OFF
CENTER 5.76500 GHz
SPAN 35.00 MHz
*RBW 300 kHz
*VBW 1 MHz
SWP 20 ms
*ATT 30dB


REF 20.0 dBm
DL 26.0 dB
MKR 5.80787 GHz
10dB/
A_View
Posi
B_Blank
Posi
26.01 dB
WINDOW WIDTH
25.97 MHz
Window
1 Window
ON OFF
2 Window Position
3 Window Width
5 Window Sweep
ON OFF
7 Marker Couple
ON OFF
CENTER 5.80500 GHz
SPAN 35.00 MHz
*RBW 300 kHz
*VBW 1 MHz
SWP 20 ms
*ATT 30dB


REF 20.0 dBm
DL 26.0 dB
MKR 5.21564 GHz
10dB/
A_View
Posi
B_Blank
Posi
26.00 dB
WINDOW WIDTH
52.56 MHz
Window
1 Window
ON OFF
2 Window Position
3 Window Width
5 Window Sweep
ON OFF
7 Marker Couple
ON OFF
CENTER 5.21000 GHz
SPAN 60.00 MHz
*RBW 300 kHz
*VBW 1 MHz
*SWP 200 ms
*ATT 30dB


REF 20.0 dBm
10dB/
DL 26.0 dB
A_View Posi B_Blank Posi
MKR 5.25588 GHz
26.00 dB
WINDOW WIDTH
53.52 MHz
CENTER 5.25000 GHz
SPAN 60.00 MHz
*RBW 300 kHz *VBW 1 MHz *SWP 200 ms *ATT 30dB
Window
1 Window
ON OFF
2 Window Position
3 Window Width
5 Window Sweep
ON OFF
7 Marker Couple
ON OFF


REF 20.0 dBm
10dB/
DL 26.0 dB
A_View Posi B_Blank Posi
MKR 5.29246 GHz
26.00 dB
WINDOW WIDTH
51.48 MHz
CENTER 5.29000 GHz
SPAN 60.00 MHz
*RBW 300 kHz *VBW 1 MHz *SWP 200 ms *ATT 30dB
Window
1 Window
ON OFF
2 Window Position
3 Window Width
5 Window Sweep
ON OFF
7 Marker Couple
ON OFF


REF 20.0 dBm
DL 26.0 dB
MKR 5.76582 GHz
10dB/
A_View
Posi
B_Blank
Posi
26.00 dB
WINDOW WIDTH
50.88 MHz
Window
1 Window
ON
OFF
2 Window Position
3 Window Width
5 Window Sweep
ON
OFF
7 Marker Couple
ON
OFF
CENTER 5.76000 GHz
SPAN 60.00 MHz
*RBW 300 kHz
*VBW 1 MHz
*SWP 200 ms
*ATT 30dB

4.2 Peak Power Spectral Density [Section 15.407(a)(1)(2)(3)]

4.2.1 Test Procedure

1. The Transmitter output of EUT was connected to the spectrum analyzer.
   Equipment mode: Spectrum analyzer
   Detector function: Peak mode
   SPAN: 30MHz or 50MHz
   RBW: 1MHz
   VBW: 3MHz
   Sweep time: 30 or 50 sec.
   Center frequency: fundamental frequency tested
2. Peak search was read to the peak power after maximum hold function is completed.

4.2.2 Test Setup

4.2.3 Test Data: (Normal Mode)

Maximum Peak Output Power Density

Temperature (°C):25

Test Engineer:Jerry Chiou

Humidity (%):50

Channel	Frequency (Mhz)	Spectrum Reading (dBm)	Cable Loss(dB)	Peak Power Output dBm/MHz)	Limit (dBm/Mhz)	Pass/Fail
1	**5180**	-2.52	1.30	-1.22	4	Pass
4	**5240**	-3.20	1.30	-1.90	4	Pass
5	**5260**	0.70	1.30	2.00	11	Pass
8	**5320**	0.21	1.30	1.51	11	Pass
9	**5745**	-2.29	1.30	-0.99	17	Pass
10	**5765**	0.96	1.30	2.26	17	Pass
12	**5805**	1.30	1.30	2.60	17	Pass

4.2.4 Test Data: (Turbo Mode)

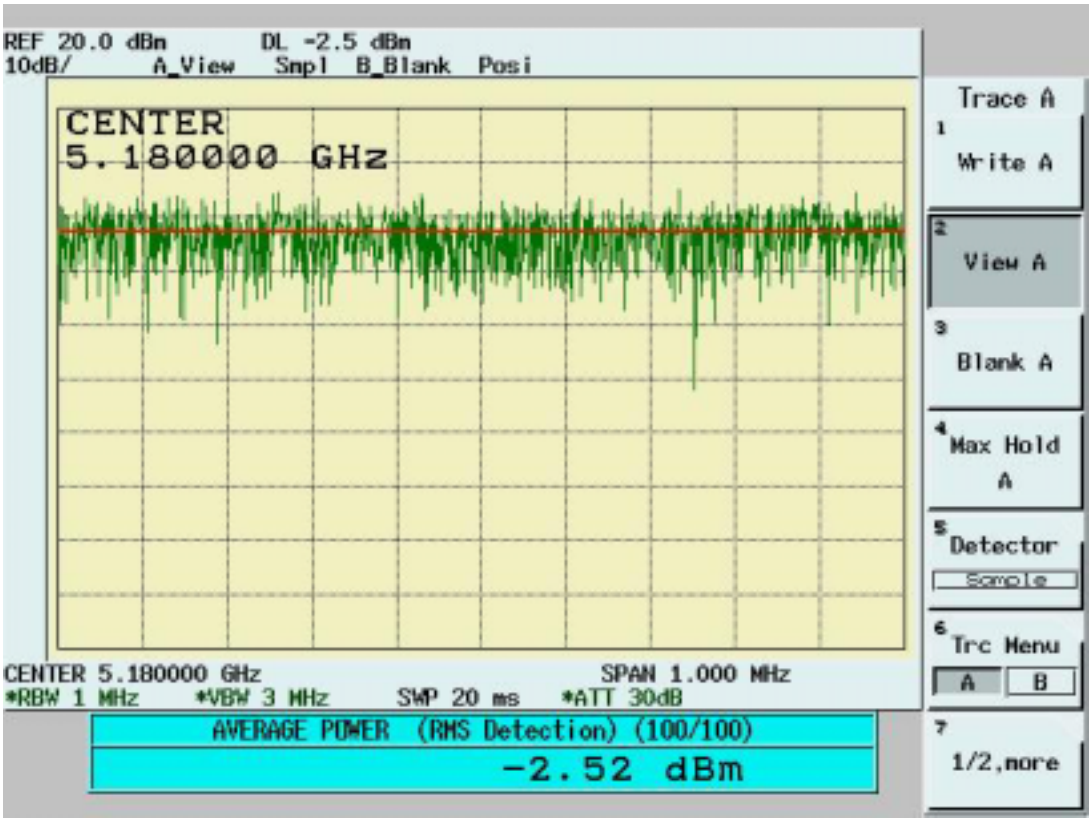
Maximum Peak Output Power Density

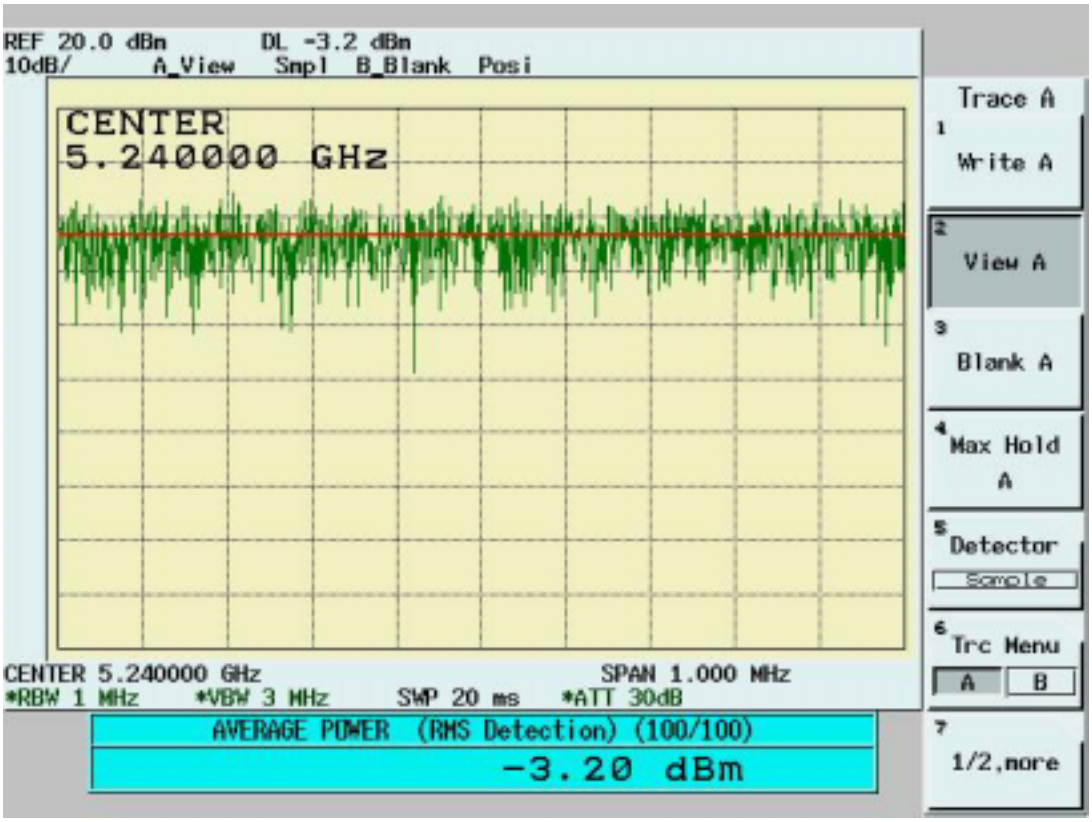
Temperature (°C):25

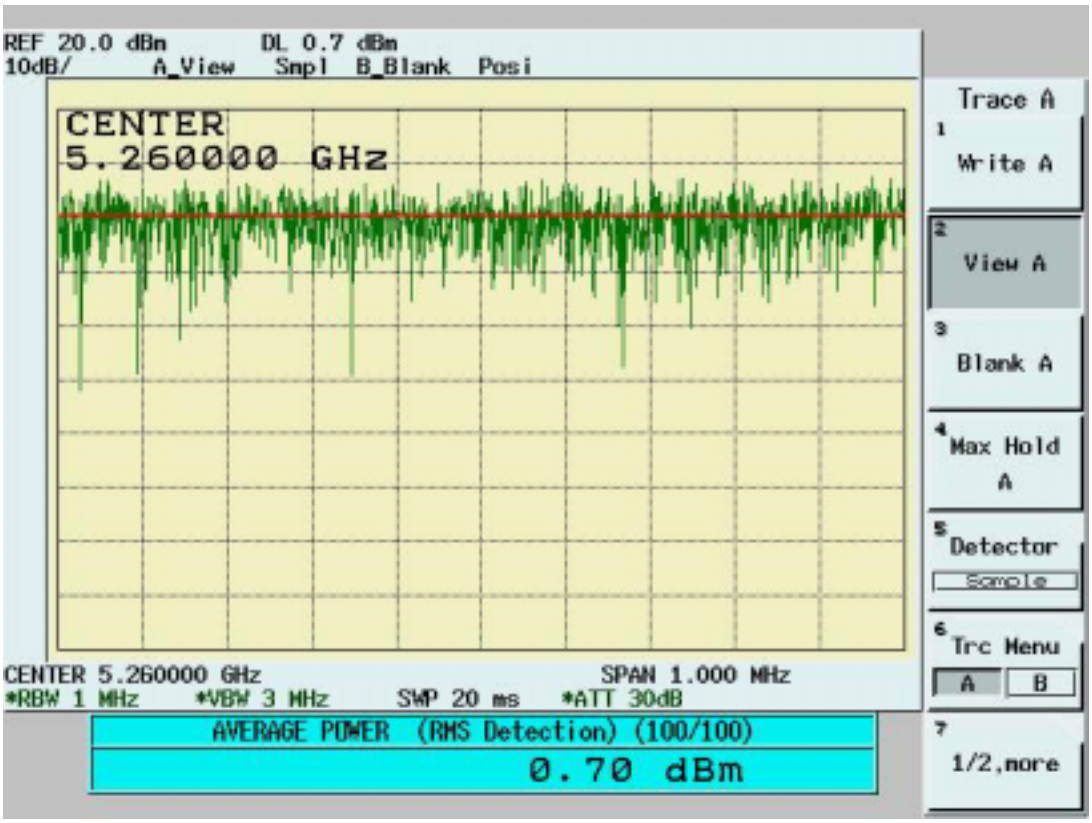
Test Engineer:Jerry Chiou

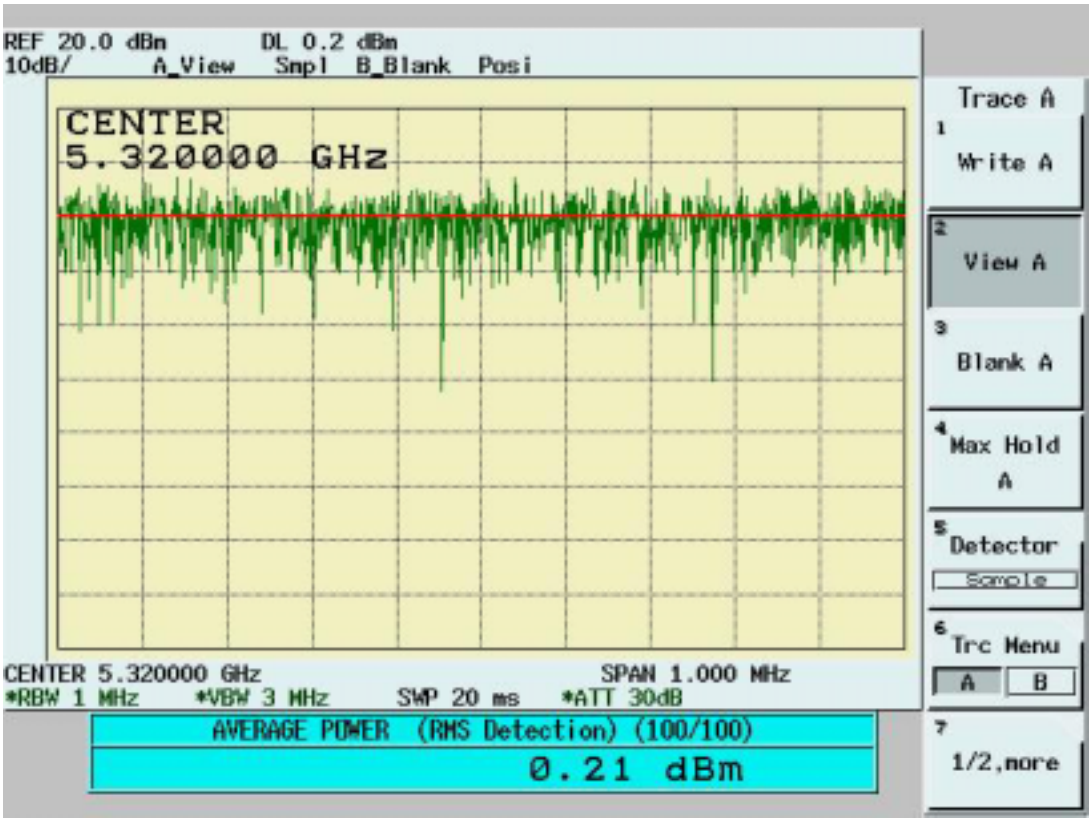
Humidity (%):50

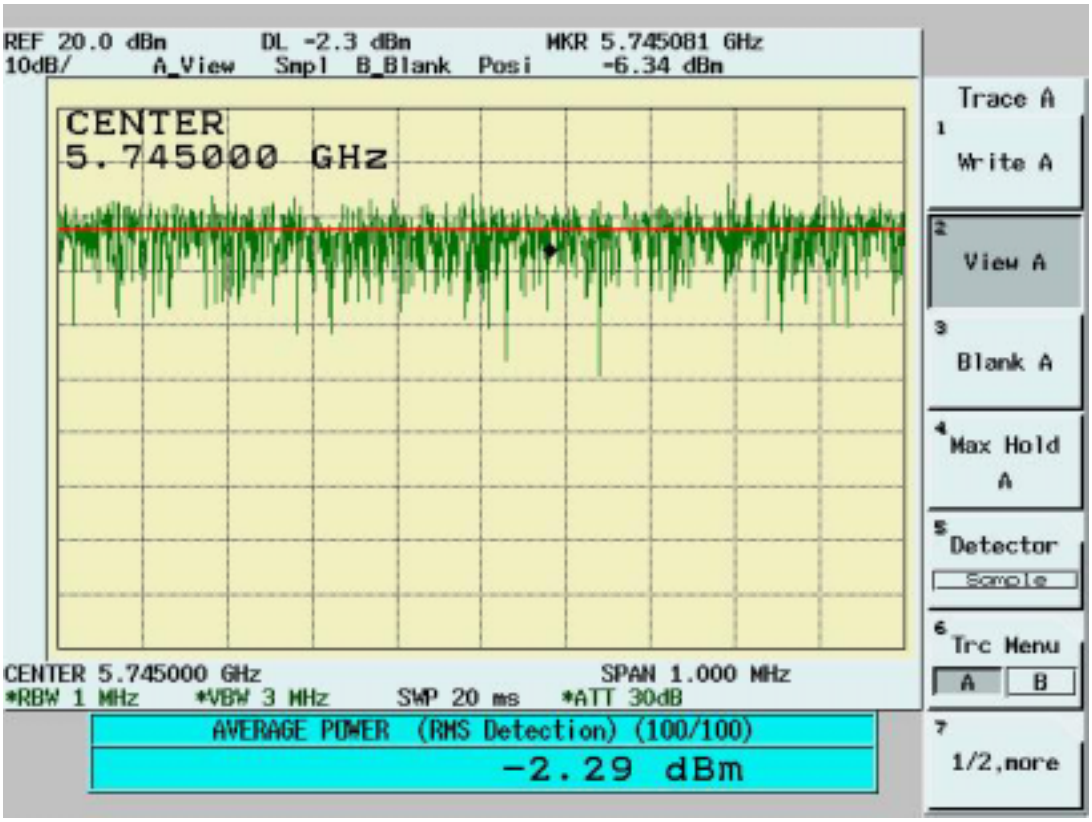
Channel	Frequency (Mhz)	Spectrum Reading (dBm)	Cable Loss(dB)	Peak Power Output dBm/MHz)	Limit (dBm/Mhz)	Pass/Fail
1	**5210**	-2.16	1.30	-0.86	4	Pass
2	**5250**	-5.27	1.30	-3.97	4	Pass
3	**5290**	-5.72	1.30	-4.42	11	Pass
4	**5760**	-7.90	1.30	-6.60	11	Pass
5	**5800**	-8.06	1.30	-6.76	17	Pass

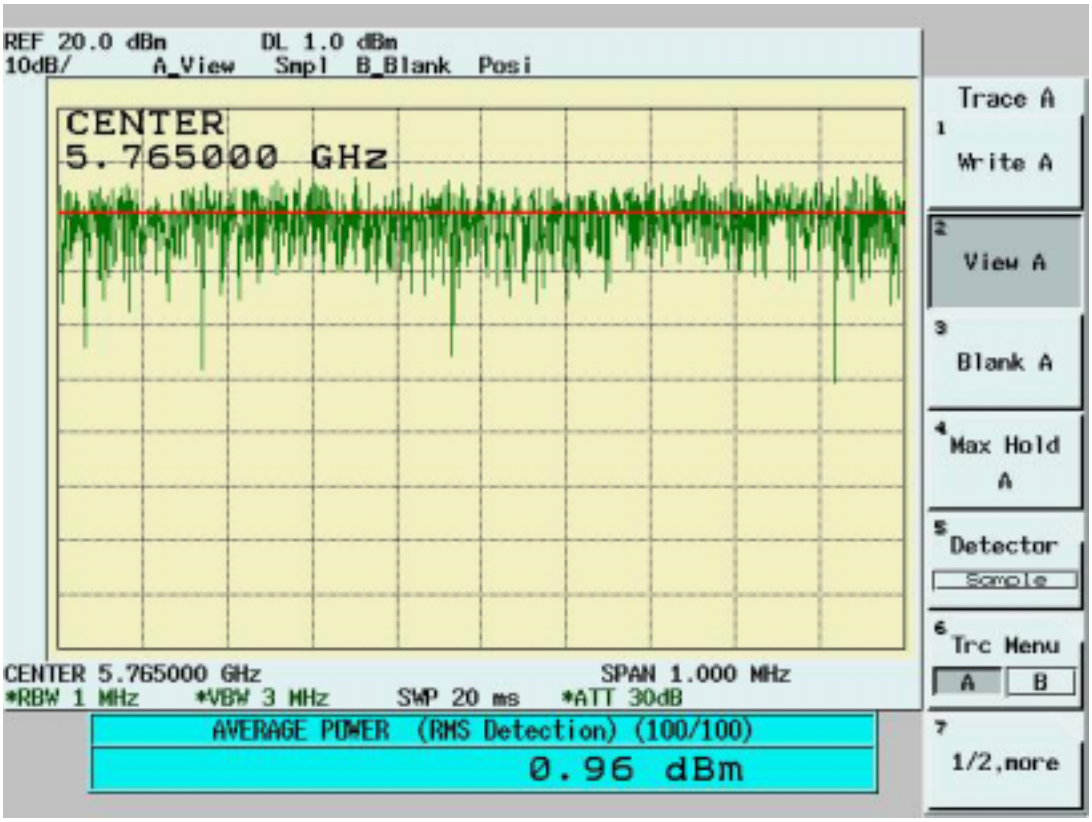

REF 20.0 dBm
DL -2.5 dBm
10dB/
A_View
Snpl
B_Blank
Posi
CENTER
5.180000 GHz
CENTER 5.180000 GHz
SPAN 1.000 MHz
*RBW 1 MHz
*VBW 3 MHz
SWP 20 ms
*ATT 30dB
AVERAGE POWER (RMS Detection) (100/100)
-2.52 dBm
Trace A
1 Write A
2 View A
3 Blank A
4 Max Hold A
5 Detector
Sample
6 Trc Menu
A B
7 1/2,more

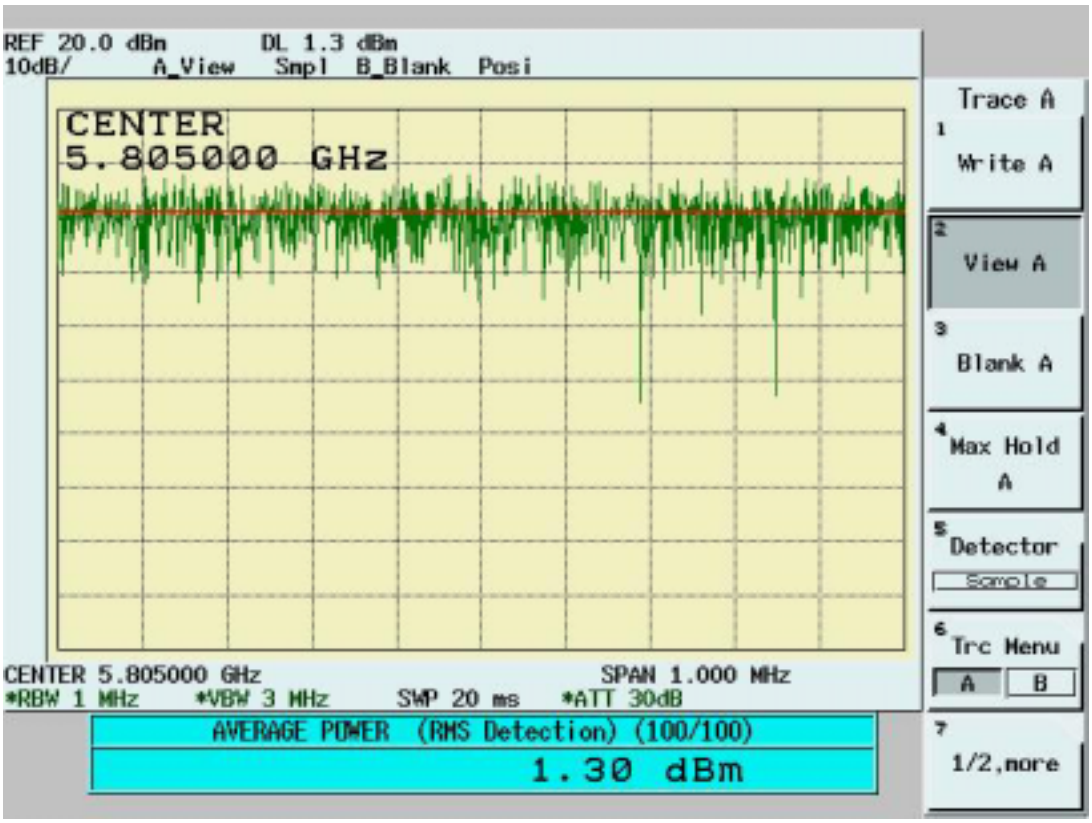

REF 20.0 dBm
DL -3.2 dBm
10dB/
A_View
Snpl
B_Blank
Posi
CENTER
5.240000 GHz
CENTER 5.240000 GHz
SPAN 1.000 MHz
*RBW 1 MHz
*VBW 3 MHz
SWP 20 ms
*ATT 30dB
AVERAGE POWER (RMS Detection) (100/100)
-3.20 dBm
Trace A
1 Write A
2 View A
3 Blank A
4 Max Hold A
5 Detector
Sample
6 Trc Menu
A B
7 1/2,more

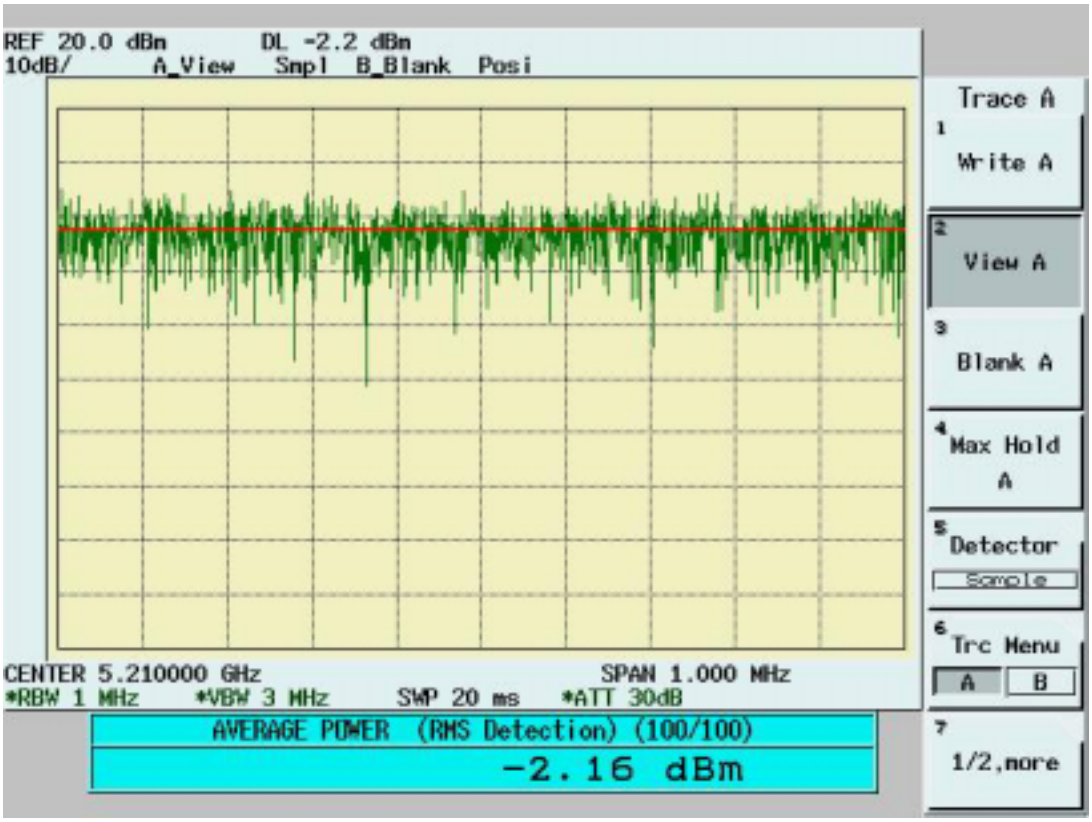

REF 20.0 dBm
DL 0.7 dBm
10dB/
A_View
Snpl
B_Blank
Posi
CENTER
5.260000 GHz
Trace A
1
Write A
2
View A
3
Blank A
4
Max Hold
A
5
Detector
Sample
6
Trc Menu
A
B
7
1/2,more
CENTER 5.260000 GHz
SPAN 1.000 MHz
*RBW 1 MHz
*VBW 3 MHz
SWP 20 ms
*ATT 30dB
AVERAGE POWER (RMS Detection) (100/100)
0.70 dBm

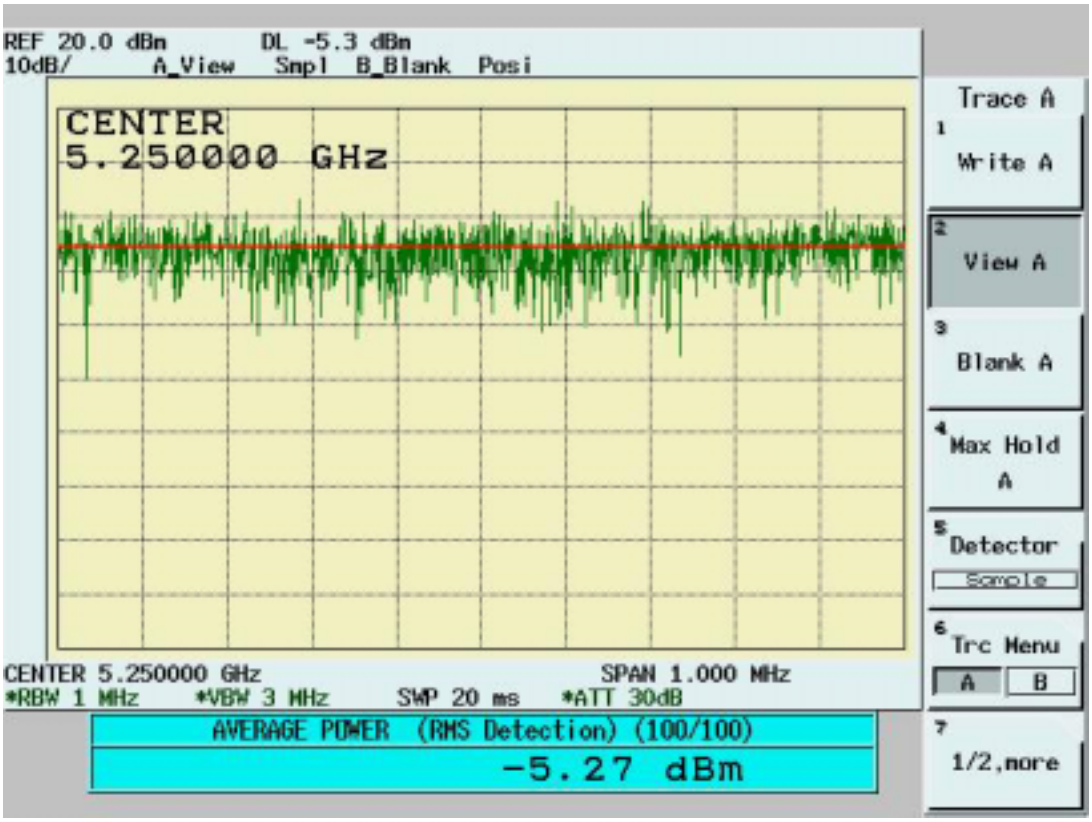

REF 20.0 dBm
DL 0.2 dBm
10dB/
A_View
Snpl
B_Blank
Posi
CENTER
5.320000 GHz
Trace A
1
Write A
2
View A
3
Blank A
4
Max Hold
A
5
Detector
Sample
6
Trc Menu
A
B
7
1/2,more
CENTER 5.320000 GHz
SPAN 1.000 MHz
*RBW 1 MHz
*VBW 3 MHz
SWP 20 ms
*ATT 30dB
AVERAGE POWER (RMS Detection) (100/100)
0.21 dBm

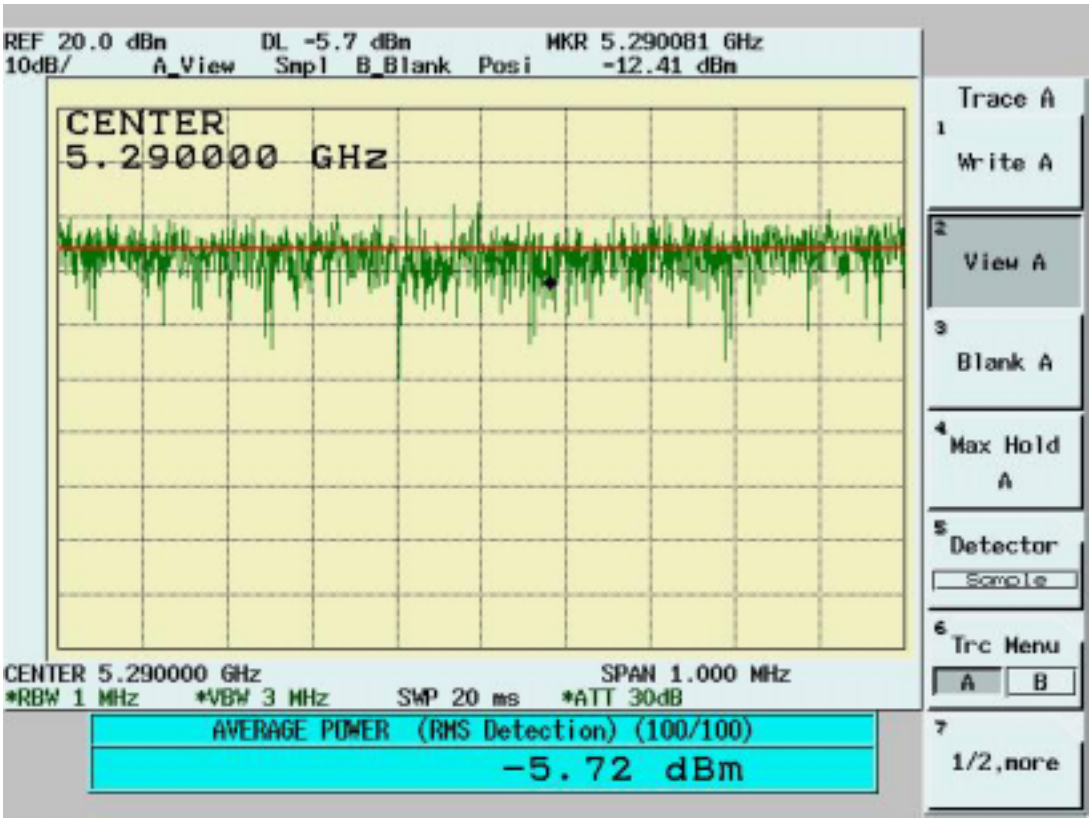

REF 20.0 dBm
10dB/
A_View
DL -2.3 dBm
Snpl B_Blank Posi
MKR 5.745081 GHz
-6.34 dBm
CENTER
5.745000 GHz
CENTER 5.745000 GHz
SPAN 1.000 MHz
*RBW 1 MHz
*VBW 3 MHz
SWP 20 ms
*ATT 30dB
AVERAGE POWER (RMS Detection) (100/100)
-2.29 dBm
Trace A
1 Write A
2 View A
3 Blank A
4 Max Hold A
5 Detector Sample
6 Trc Menu A B
7 1/2,more

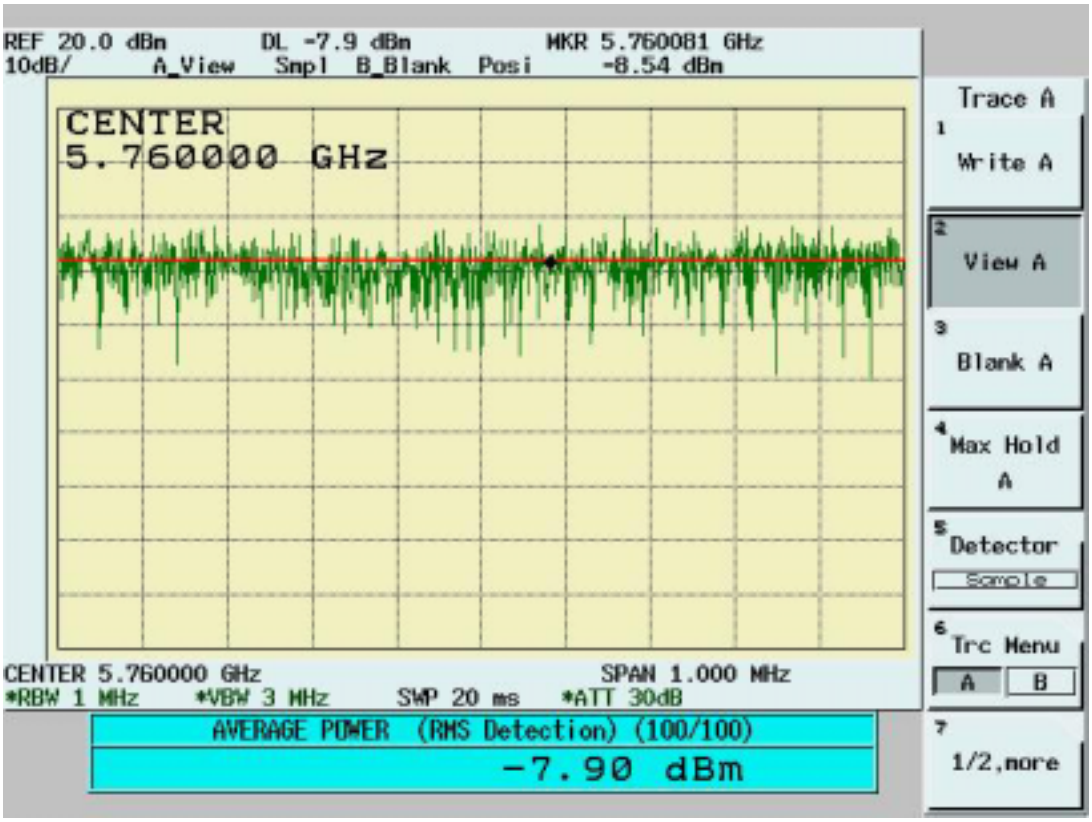

REF 20.0 dBm
10dB/
A_View
DL 1.0 dBm
Snpl B_Blank Posi
CENTER
5.765000 GHz
CENTER 5.765000 GHz
SPAN 1.000 MHz
*RBW 1 MHz
*VBW 3 MHz
SWP 20 ms
*ATT 30dB
AVERAGE POWER (RMS Detection) (100/100)
0.96 dBm
Trace A
1 Write A
2 View A
3 Blank A
4 Max Hold A
5 Detector Sample
6 Trc Menu A B
7 1/2,more


REF 20.0 dBm
DL 1.3 dBm
10dB/
A_View
Snpl
B_Blank
Posi
CENTER
5.805000 GHz
CENTER 5.805000 GHz
SPAN 1.000 MHz
*RBW 1 MHz
*VBW 3 MHz
SWP 20 ms
*ATT 30dB
AVERAGE POWER (RMS Detection) (100/100)
1.30 dBm
Trace A
1 Write A
2 View A
3 Blank A
4 Max Hold A
5 Detector
Sample
6 Trc Menu
A B
7 1/2,more


REF 20.0 dBm
DL -2.2 dBm
10dB/
A_View
Snpl
B_Blank
Posi
CENTER 5.210000 GHz
SPAN 1.000 MHz
*RBW 1 MHz
*VBW 3 MHz
SWP 20 ms
*ATT 30dB
AVERAGE POWER (RMS Detection) (100/100)
-2.16 dBm
Trace A
1 Write A
2 View A
3 Blank A
4 Max Hold A
5 Detector
Sample
6 Trc Menu
A B
7 1/2,more


REF 20.0 dBm
DL -5.3 dBm
10dB/ A_View Snpl B_Blank Posi
CENTER
5.250000 GHz
CENTER 5.250000 GHz
SPAN 1.000 MHz
*RBW 1 MHz
*VBW 3 MHz
SWP 20 ms
*ATT 30dB
AVERAGE POWER (RMS Detection) (100/100)
-5.27 dBm
Trace A
1 Write A
2 View A
3 Blank A
4 Max Hold A
5 Detector Sample
6 Trc Menu A B
7 1/2,more


REF 20.0 dBm
DL -5.7 dBm
MKR 5.290081 GHz
10dB/ A_View Snpl B_Blank Posi
-12.41 dBm
CENTER
5.290000 GHz
CENTER 5.290000 GHz
SPAN 1.000 MHz
*RBW 1 MHz
*VBW 3 MHz
SWP 20 ms
*ATT 30dB
AVERAGE POWER (RMS Detection) (100/100)
-5.72 dBm
Trace A
1 Write A
2 View A
3 Blank A
4 Max Hold A
5 Detector Sample
6 Trc Menu A B
7 1/2,more

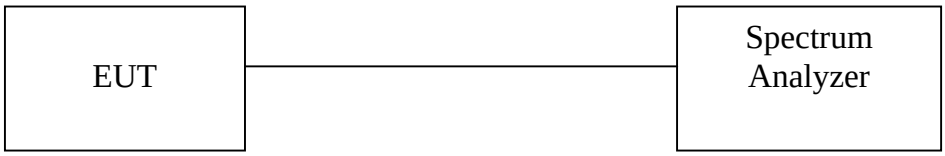

REF 20.0 dBm
10dB/
A_View
DL -7.9 dBm
Snpl B_Blank Posi
MKR 5.760081 GHz
-8.54 dBm
CENTER
5.760000 GHz
CENTER 5.760000 GHz
*RBW 1 MHz
*VBW 3 MHz
SWP 20 ms
SPAN 1.000 MHz
*ATT 30dB
AVERAGE POWER (RMS Detection) (100/100)
-7.90 dBm
Trace A
1 Write A
2 View A
3 Blank A
4 Max Hold A
5 Detector
Sample
6 Trc Menu
A B
7 1/2,more

4.3 Peak Power Excursion Measurement [Section 15.407(a)(6)]

4.3.1 Test Procedure

1. The Transmitter output of EUT was connected to the spectrum analyzer.
2. Frequency SPAN of Spectrum: 30MHz or 50MHz.
3. Trace 1 : RBW: 1MHz, VBW: 3MHz. Using positive detector and Max -hold
4. Trace 2 : RBW: 1MHz, VBW: 3MHz. Using Sample detector and Max-hold
5. Record the largest difference between Trace 1 and Trace 2.

4.3.2 Test Setup



4.3.3 Test Data: (Normal Mode)

Peak Power Excursion

Temperature (℃):25

Test Engineer:Jerry Chiou Humidity (%):50

Channel	Frequency (Mhz)	Peak Power Excursion (dBm)	Limit (dBm)	Pass/Fail
1	**5180**	8.84	13	Pass
4	**5240**	8.92	13	Pass
5	**5260**	8.26	13	Pass
8	**5320**	8.62	13	Pass
9	**5745**	9.45	13	Pass
10	**5765**	8.97	13	Pass
12	**5805**	9.29	13	Pass

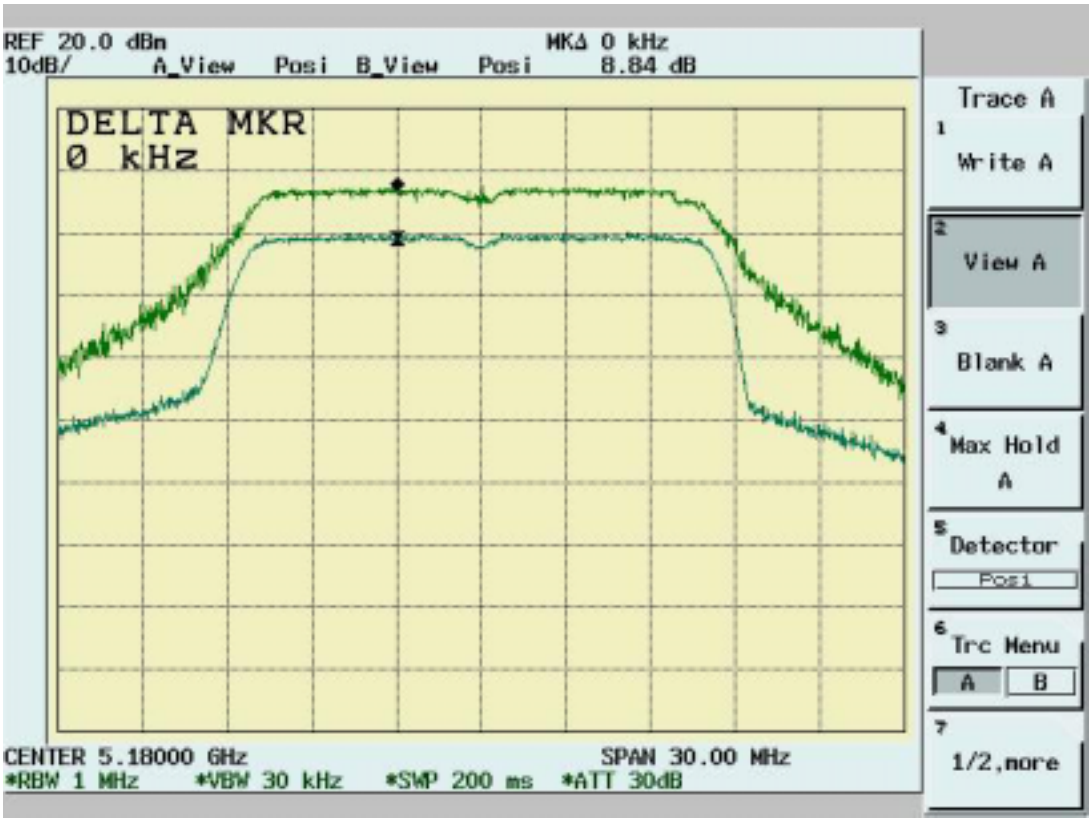
4.3.4 Test Data: (Turbo Mode)

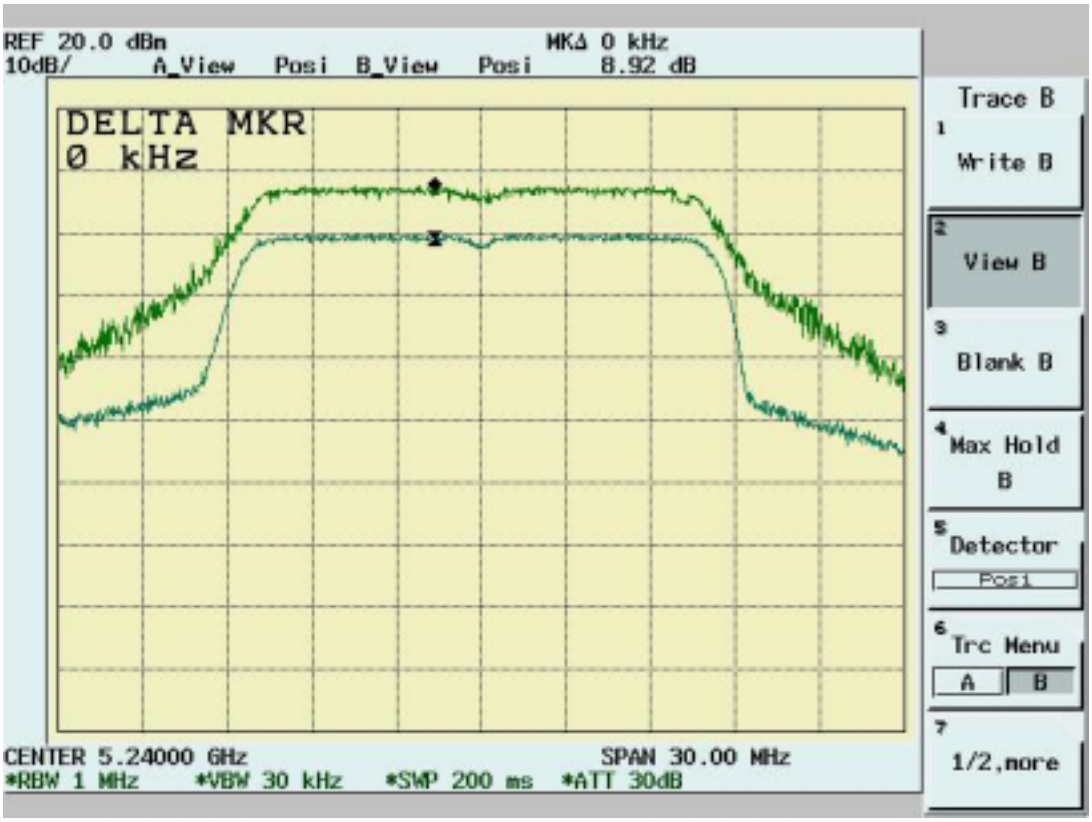
Peak Power Excursion

Temperature (℃):25

Test Engineer:Jerry Chiou Humidity (%):50

Channel	Frequency (Mhz)	Peak Power Excursion (dBm)	Limit (dBm)	Pass/Fail
1	**5210**	8.87	13	Pass
2	**5250**	8.63	13	Pass
3	**5290**	8.73	13	Pass
4	**5760**	8.88	13	Pass
5	**5800**	9.57	13	Pass


REF 20.0 dBm
10dB/ A_View Posi B_View Posi
MKΔ 0 kHz
8.84 dB
DELTA MKR
0 kHz
CENTER 5.18000 GHz
SPAN 30.00 MHz
*RBW 1 MHz
*VBW 30 kHz
*SWP 200 ms
*ATT 30dB
Trace A
1 Write A
2 View A
3 Blank A
4 Max Hold A
5 Detector Posi
6 Trc Menu A B
7 1/2,more


REF 20.0 dBm
10dB/ A_View Posi B_View Posi
MKΔ 0 kHz
8.92 dB
DELTA MKR
0 kHz
CENTER 5.24000 GHz
SPAN 30.00 MHz
*RBW 1 MHz
*VBW 30 kHz
*SWP 200 ms
*ATT 30dB
Trace B
1 Write B
2 View B
3 Blank B
4 Max Hold B
5 Detector Posi
6 Trc Menu A B
7 1/2,more