APPLICATION FOR CERTIFICATION

On Behalf of

HTC Corporation

Media Link HD

Model No. : DG H200

FCC ID : NM8DGH200

IC: 4115B-DGH200

Brand : hTC

Prepared for : HTC Corporation
No. 23, Xinghua Rd., Taoyuan City,
Taoyuan 330, Taiwan

Prepared by : AUDIX Technology Corporation
EMC Department
No. 53-11, Dingfu, Linkou Dist.,
New Taipei City 244, Taiwan, R.O.C.

Tel : (02) 2609-9301, 2609-2133
Fax: (02) 2609-9303

File Number	:	C1M1201211
Report Number	:	EM-F1010112
Date of Test	:	Feb. 01 ~ 10, 2012
Date of Report	:	Feb. 23, 2012

TABLE OF CONTENTS

TEST REPORT CERTIFICATION

Applicant	:	HTC Corporation
Manufacturer	:	HTC Corporation
EUT Description	:	Media Link HD
FCC ID	:	NM8DGH200
IC	:	4115B-DGH200

(A) Model No.	:	DG H200
(B) Serial No.	:	N/A
(C) Brand	:	hTC
(D) Power Supply	:	DC 5V
(E) Test Voltage	:	AC 120V, 60Hz (Via AC Adapter)

Measurement Procedure Used:

FCC Rules and Regulations Part 15 Subpart C, Oct. 2010
(FCC CFR 47 Part 15C, §15.207, §15.247, §15.209)
Industry Canada Rules and Regulations RSS-Gen (Issue 2), December 2010 and
RSS-210 (Issue 8), December 2010
(Canada RSS-210 §Annex 8)
AND ANSI C63.4:2003

The device described above was tested by AUDIX Technology Corporation to determine the maximum emission levels emanating from the device. The maximum emission levels were compared to the FCC Part 15 subpart C and Canada RSS-Gen, RSS-210 limits.

The measurement results are contained in this test report and AUDIX Technology Corporation is assumed full responsibility for the accuracy and completeness of these measurements. Also, this report shows that the EUT to be technically compliant with the requirements of FCC and Industry Canada RSS-Gen, RSS-210 standards.

This report applies to above tested sample only. This report shall not be reproduced in part without written approval of AUDIX Technology Corporation.

Date of Test: Feb. 01 ~ 10, 2012 Date of Report: Feb. 23, 2012

Producer: Tina Huang
(Tina Huang/Administrator)

Signatory: Ben Cheng
(Ben Cheng/Manager)

1. GENERAL INFORMATION

1.1. Description of Device (EUT)

Description	:	Media Link HD The frequency range of 2400MHz ~ 2483.5MHz、5725MHz ~ 5850MHz was tested in this report. The frequency range 5150 ~ 5250MHz has been tested and the test data are reported in other report of EM-F1010113.
Model Number	:	DG H200
Serial Number	:	N/A
Brand	:	hTC
FCC ID	:	NM8DGH200
IC	:	4115B-DGH200
Applicant	:	HTC Corporation No. 23, Xinghua Rd., Taoyuan City, Taoyuan 330, Taiwan
Manufacturer	:	HTC Corporation No. 23, Xinghua Rd., Taoyuan City, Taoyuan 330, Taiwan
Fundamental Range	:	2412MHz ~ 2462MHz and 5180MHz ~ 5240MHz and 5745MHz ~ 5825MHz
Radio Technology	:	802.11b: DSSS Modulation (DBPSK/DQPSK/CCK) 802.11a/g/n-HT20/n-HT40: OFDM Modulation 1T1R, (BPSK/QPSK/16QAM/64QAM)
Data Transfer Rate	:	802.11b: 1/2/5.5/11Mbps 802.11a/g: 6/9/12/18/24/48/54Mbps 802.11n: up to 150Mbps
Antenna Gain	:	2.4GHz: 1.95dBi (Peak) 5.8GHz: 1.70dBi (Peak)

USB Cable	:	Shielded, Detachable, 1.0m
HDMI Cable	:	Shielded, Detachable, 1.8m Bonded two ferrite core
AC Adapter	:	hTC, M/N TC U250 Input: AC 100-240V, 50-60Hz Output: DC 5V, 1.0A
Date of Receipt of Sample	:	Jan. 19, 2012
Date of Test	:	Feb. 01 ~ 10, 2012

1.2. Data Rate Relative to Output Power

DTS 802.11b (2.4GHz)			
Channel	Modulation	Date Rate(Mbps)	Power(dBm)
1	DBPSK	1	18.95
1	DQPSK	2	18.77
1	CCK	5.5	18.76
1	CCK	11	18.52

DTS 802.11g (2.4GHz)				DTS 802.11a (5.8GHz)			
Channel	Modulation	Date Rate (Mbps)	Power (dBm)	Channel	Modulation	Date Rate (Mbps)	Power (dBm)
1	BPSK	6	22.70	149	BPSK	6	21.86
1	BPSK	9	22.57	149	BPSK	9	21.34
1	QPSK	12	22.54	149	QPSK	12	21.75
1	QPSK	18	22.62	149	QPSK	18	21.73
1	16-QAM	24	22.60	149	16-QAM	24	21.80
1	16-QAM	36	22.57	149	16-QAM	36	21.66
1	64-QAM	48	22.51	149	64-QAM	48	21.69
1	64-QAM	54	22.66	149	64-QAM	54	21.51

DTS 802.11n-HT20 (2.4GHz)				DTS 802.11n-HT20 (5.8GHz)			
Channel	Modulation	Date Rate (Mbps)	Power (dBm)	Channel	Modulation	Date Rate (Mbps)	Power (dBm)
1	BPSK	6.5	22.59	149	BPSK	6.5	21.86
1	QPSK	13	22.14	149	QPSK	13	21.43
1	QPSK	19.5	22.28	149	QPSK	19.5	21.59
1	16-QAM	26	22.25	149	16-QAM	26	21.48
1	16-QAM	39	22.36	149	16-QAM	39	21.66
1	64-QAM	52	22.47	149	64-QAM	52	21.74
1	64-QAM	58.6	22.43	149	64-QAM	58.6	21.51
1	64-QAM	65	22.40	149	64-QAM	65	21.70

DTS 802.11n-HT40 (5.8GHz)			
Channel	Modulation	Date Rate (Mbps)	Power (dBm)
151	BPSK	13.5	19.96
151	QPSK	27	19.82
151	QPSK	40.5	19.78
151	16-QAM	54	19.76
151	16-QAM	81	19.79
151	64-QAM	108	19.52
151	64-QAM	121.5	19.69
151	64-QAM	135	19.75

Remark: This device does not support 802.11n-HT40 in 2.4GHz band.

1.3. Test Configuration for Each Test Item

Test Item	802.11b	802.11g	802.11n-HT20	802.11n-HT40
	Data Rate for Test(Mbps)			
6dB Bandwidth	1	6	6.5	13.5
Peak Power Spectral Density	1	6	6.5	13.5
Peak Output Power	1	6	6.5	13.5
Band Edge	1	6	6.5	13.5

1.4. Tested Supporting System Details

1.4.1. MOBIL PHONE

Model Number	:	Pyramid
Serial Number	:	N/A
Brand	:	hTC

1.4.2. LCD TV

Model Number	:	22LV2500-DA
Serial Number	:	N/A
Brand	:	LG
Power Cord	:	Non-Shielded, Detachable, 1.8m

1.4.3. POWER SOCKET

Model Number	:	Pyramid
Serial Number	:	N/A
Manufacturer	:	AUDIX
Power Cord	:	Non-Shielded, Undetachable, 1.8m

1.4.4. AP SERVER

Model Number	:	Di-624
Serial Number	:	F34U177001195
Manufacturer	:	D-Link
LAN Cable	:	Non-Shielded, Detachable, 6.0m
Adapter	:	M/N AM-91000A Non-Shielded, Undetachable, 1.8m

1.4.5. NOTEBOOK PC

Model Number	:	N20
Serial Number	:	N/A
FCC ID	:	By DoC
Brand	:	ASUS
AC Adapter	:	ASUS, M/N SADP-65NB BB DC Cord: Non-Shielded, Undetachable, 1.8m
USB to Bus Cable	:	Non-Shielded, Detachable, 0.8m
Power Cord	:	Non-Shielded, Detachable, 1.8m

1.5. Description of Test Facility

Name of Firm	:	**AUDIX Technology Corporation** EMC Department No. 53-11, Dingfu, Linkou Dist., New Taipei City 244, Taiwan, R.O.C.
Test Site (C4/Semi-AC)	:	**No. 4 Shielded Room &** No. 67-4, Dingfu, Linkou Dist., New Taipei City 244, Taiwan, R.O.C. **Semi-Anechoic Chamber** No. 53-11, Dingfu, Linkou Dist., New Taipei City 244, Taiwan, R.O.C. May 14, 2009 Renewal on Federal Communication Commission Registration Number: 90993
NVLAP Lab. Code	:	200077-0
TAF Accreditation No	:	1724

1.6. Measurement Uncertainty

Test Item	Frequency Range	Uncertainty (dB)
Conduction Test	150kHz~30MHz	±1.73dB
Radiation Test (Distance: 3m)	30MHz~300MHz	± 2.91dB
	300MHz~1000MHz	± 2.74dB
	Above 1GHz	± 5.02dB

Remark：Uncertainty = $ku_c(y)$

Test Item	Uncertainty
6dB Bandwidth	± 0.05kHz
Maximum peak output power	± 0.33dBm
Band edges	± 0.13dB
Power spectral density	± 0.13dB
Emission Limitations	± 0.13dB

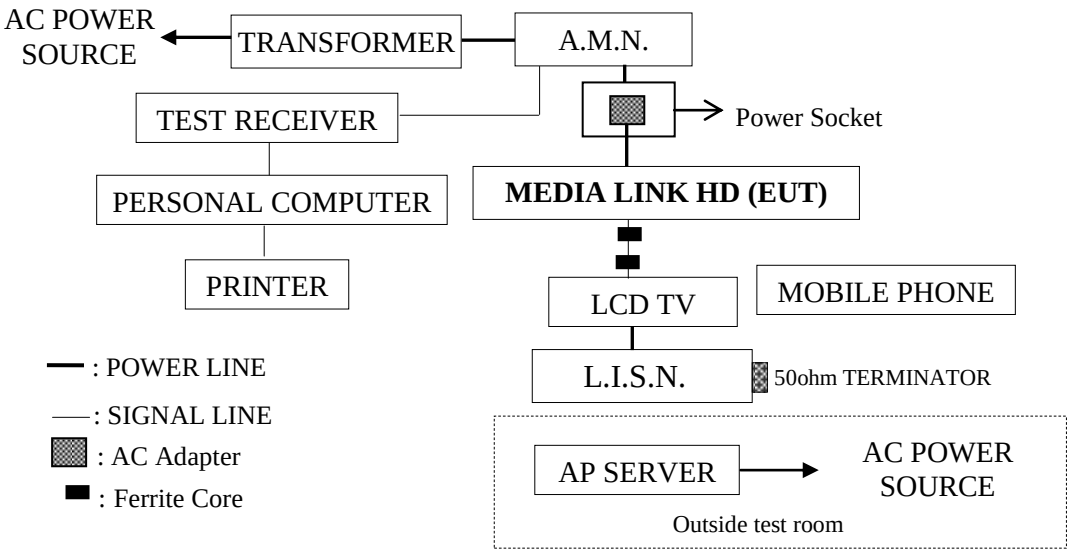
2. CONDUCTED EMISSION MEASUREMET

2.1. Test Equipment

The following test equipment was used during the conducted emission measurement：
(No. 4 Shielded Room)

Item	Type	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
1.	Test Receiver	R & S	ESCS 30	100337	Apr. 11, 11’	Apr. 10, 12’
2.	A.M.N.	R & S	ESH2-Z5	890485/023	Apr. 18, 11’	Apr. 17, 12’
3.	L.I.S.N.	Kyoritsu	KNW-407	8-1430-5	Sep. 08, 11’	Sep. 07, 12’

2.2. Block Diagram of Test Setup



2.3. Powerline Conducted Emission Limit [§15.207, Class B, RSS-Gen §7.2.2/Table 2]

Frequency	Maximum RF Line Voltage	
	Quasi-Peak Level	Average Level
150kHz ~ 500kHz	66 ~ 56 dBμV	56 ~ 46 dBμV
500kHz ~ 5MHz	56 dBμV	46 dBμV
5MHz ~ 30MHz	60 dBμV	50 dBμV

Remark 1.: If the average limit is met when using a Quasi-Peak detector, the EUT shall be deemed to meet both limits and measurement with the average detector is unnecessary.
2.: The lower limit applies at the band edges.

2.4. Operating Condition of EUT

2.4.1. Setup the EUT and simulator as shown on 2.2.

2.4.2. Turn on the power of all equipment.

2.4.3. The Mobil phone sent image to AP server then through EUT (Media Link HD), the image was displayed in LCD TV via HDMI port of EUT during all testing.

2.5. Test Procedure

The EUT was placed on the table which was above the ground by 80cm and it's adapter power cord connected to the AC mains through an Artificial Mains Network (A.M.N.). This provided a 50 ohm coupling impedance for the measuring equipment. (Please refer to the block diagram of the test setup and photographs.)
Both sides of A.C. line were checked for maximum conducted interference. In order to find the maximum emission, the relative positions simulators of the interface cables should be manipulated according to ANSI C63.4-2003, RSS-Gen and RSS-210 regulation during conducted measurement.

The bandwidth of the R&S Test Receiver ESCS30 was set at 9kHz.

The frequency range from 150kHz to 30MHz was checked.

All the final readings from Test Receiver were measured with the Quasi-Peak detector and Average detector. Remark: If the Average limit is met when using a Quasi-Peak detector, the Average detector is unnecessary)

2.6. Conducted Emission Measurement Results

PASSED.
(All the emissions not reported below are too low against the prescribed limits.)

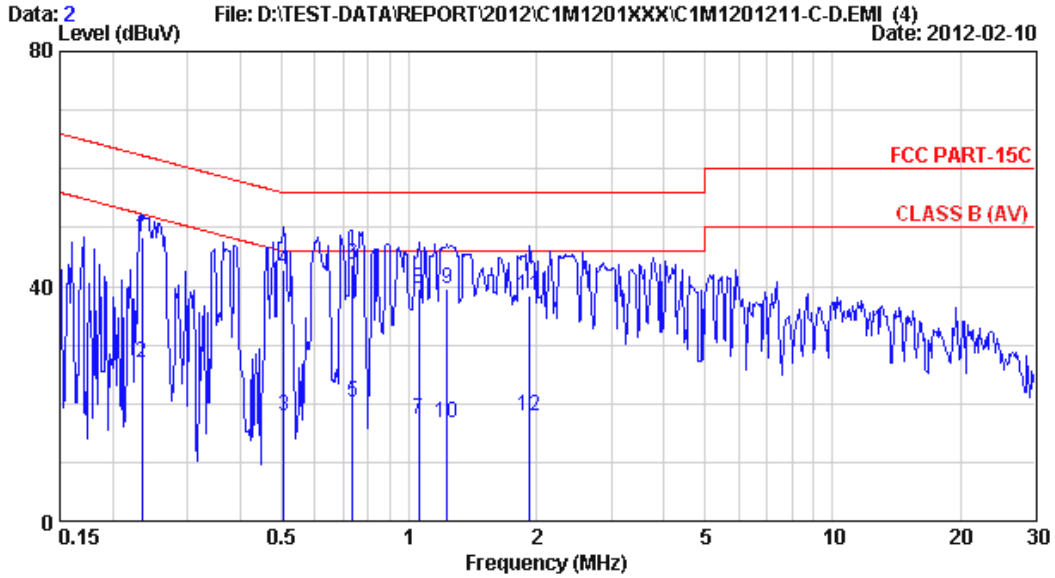
EUT was performed during this section testing and all the test results are attached in next pages.

EUT：Media Link HD M/N：DG H200

Test Date：Feb. 10, 2012 Temperature：20℃ Humidity：65％

Reference Test Data：Neutral # 2; Line # 1

AUDIX Technology Corp. EMC Department
No.53-11, Dingfu , Linkou Dist. , New Taipei
City 244, Taiwan R.O.C.
Tel:+886-2-26092133 Fax:+886-2-26099303
Email:emc@audixtech.com



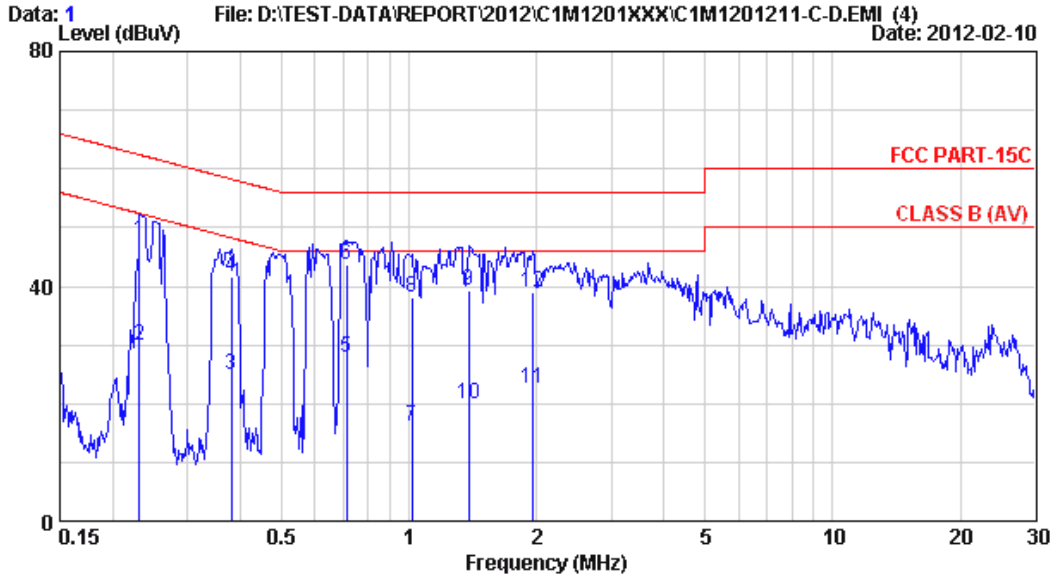
Site : NO.4 Shielded Room
Condition : ESH2-Z5
Limit : FCC PART-15C
Env. / Ins. : 20*C/65% ESCS30 (337)
EUT : DG H200
Power Rating : 120Vac / 60Hz
Test Mode : Operating(Link)

Data : 2
Phase : NEUTRAL
Engineer: Ken-Yang

	Freq. (MHz)	AMN Factor (dB)	Cable Loss (dB)	Emission Reading (dBµV)	Emission Level (dBµV)	Limits (dBµV)	Margin (dB)	Remark
1	0.234	0.24	0.27	47.94	48.45	62.30	13.85	QP
2	0.234	0.24	0.27	26.41	26.92	52.30	25.38	AVERAGE
3	0.507	0.27	0.34	17.14	17.75	46.00	28.25	AVERAGE
4	0.507	0.27	0.34	42.31	42.92	56.00	13.08	QP
5	0.735	0.29	0.37	19.60	20.26	46.00	25.74	AVERAGE
6	0.735	0.29	0.37	43.04	43.70	56.00	12.30	QP
7	1.054	0.31	0.40	16.62	17.33	46.00	28.67	AVERAGE
8	1.054	0.31	0.40	38.72	39.43	56.00	16.57	QP
9	1.229	0.33	0.40	38.77	39.50	56.00	16.50	QP
10	1.229	0.33	0.40	15.93	16.66	46.00	29.34	AVERAGE
11	1.928	0.39	0.40	37.68	38.47	56.00	17.53	QP
12	1.928	0.39	0.40	17.03	17.82	46.00	28.18	AVERAGE

Remarks: 1.Emission Level= AMN Factor + Cable Loss + Reading.
2.If the average limit is met when using a quasi-peak detector ,the EUT shall be deemed to meet both limits and measurement with average detector is unnecessary.

AUDIX Technology Corp. EMC Department
No.53-11, Dingfu , Linkou Dist. , New Taipei
City 244, Taiwan R.O.C.
Tel:+886-2-26092133 Fax:+886-2-26099303
Email:emc@audixtech.com



Site : NO.4 Shielded Room
Condition : ESH2-Z5
Limit : FCC PART-15C
Env. / Ins. : 20*C/65% ESCS30 (337)
EUT : DG H200
Power Rating : 120Vac / 60Hz
Test Mode : Operating(Link)

Data : 1
Phase : LINE
Engineer: Ken-Yang

	Freq. (MHz)	AMN Factor (dB)	Cable Loss (dB)	Emission Reading (dBµV)	Emission Level (dBµV)	Limits (dBµV)	Margin (dB)	Remark
1	0.232	0.24	0.27	47.29	47.80	62.39	14.59	QP
2	0.232	0.24	0.27	29.42	29.93	52.39	22.46	AVERAGE
3	0.381	0.26	0.32	24.20	24.77	48.25	23.48	AVERAGE
4	0.381	0.26	0.32	40.94	41.51	58.25	16.74	QP
5	0.712	0.29	0.37	27.18	27.84	46.00	18.16	AVERAGE
6	0.712	0.29	0.37	42.88	43.54	56.00	12.46	QP
7	1.016	0.30	0.40	15.52	16.22	46.00	29.78	AVERAGE
8	1.016	0.30	0.40	37.25	37.95	56.00	18.05	QP
9	1.381	0.35	0.40	38.57	39.32	56.00	16.68	QP
10	1.381	0.35	0.40	19.19	19.94	46.00	26.06	AVERAGE
11	1.959	0.40	0.40	21.84	22.64	46.00	23.36	AVERAGE
12	1.959	0.40	0.40	38.27	39.07	56.00	16.93	QP

Remarks: 1.Emission Level= AMN Factor + Cable Loss + Reading.
2.If the average limit is met when using a quasi-peak detector ,the EUT shall be deemed to meet both limits and measurement with average detector is unnecessary.

3. RADIATED EMISSION MEASUREMENT

3.1. Test Equipment

The following test equipment was used during the radiated emission measurement:

3.1.1. For Frequency Range 30MHz~1000MHz (at Semi-Anechoic Chamber)

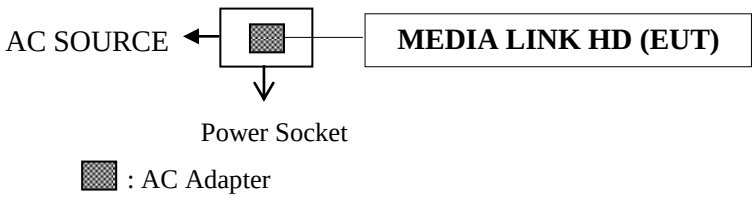
Item	Type	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
1.	Spectrum Analyzer	Agilent	E4446A	US44300366	Aug. 04, 11’	Aug. 03, 12’
2.	Test Receiver	R & S	ESCS30	100338	Jul. 12, 11’	Jul. 11, 12’
3.	Amplifier	HP	8447D	2944A06305	Feb. 10, 11’	Feb. 09, 12’
4.	Log Periodic Antenna	Schwarzbeck	UHALP 9108-A	0810	Mar. 08, 11’	Mar. 07, 12’
5.	Biconical Antenna	CHASE	VBA6106A	1264	Mar. 08, 11’	Mar. 07, 12’

3.1.2. For Frequency Above 1GHz (at Semi-Anechoic Chamber)

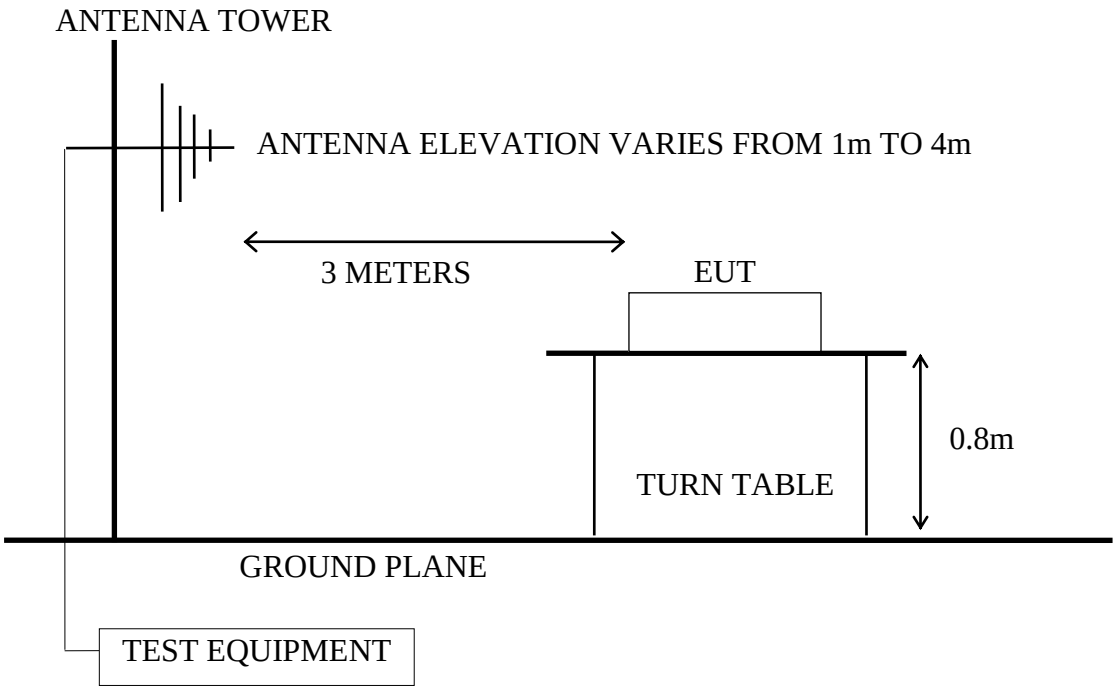
Item	Type	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
1.	Spectrum Analyzer	Agilent	E4446A	US44300366	Aug. 04, 11’	Aug. 03, 12’
2.	Test Receiver	R & S	ESCS30	100338	Jul. 12, 11’	Jul. 11, 12’
3.	Amplifier	HP	8449B	3008A00529	Dec. 09, 11’	Dec. 08, 12’
4.	2.4GHz Notch Filter	EWT	EWT-14-0 070-R1	G2	Dec. 05, 11’	Dec. 04, 12’
5.	3.5G High Pass Filter	HP	84300-800 38	005	Jan. 04, 12’	Jan. 03, 13’
6.	Horn Antenna	EMCO	3115	9112-3775	May 09, 11’	May 08, 12’
7.	Horn Antenna	EMCO	3116	2653	Oct. 07, 11’	Oct. 06, 12’

3.2. Test Setup

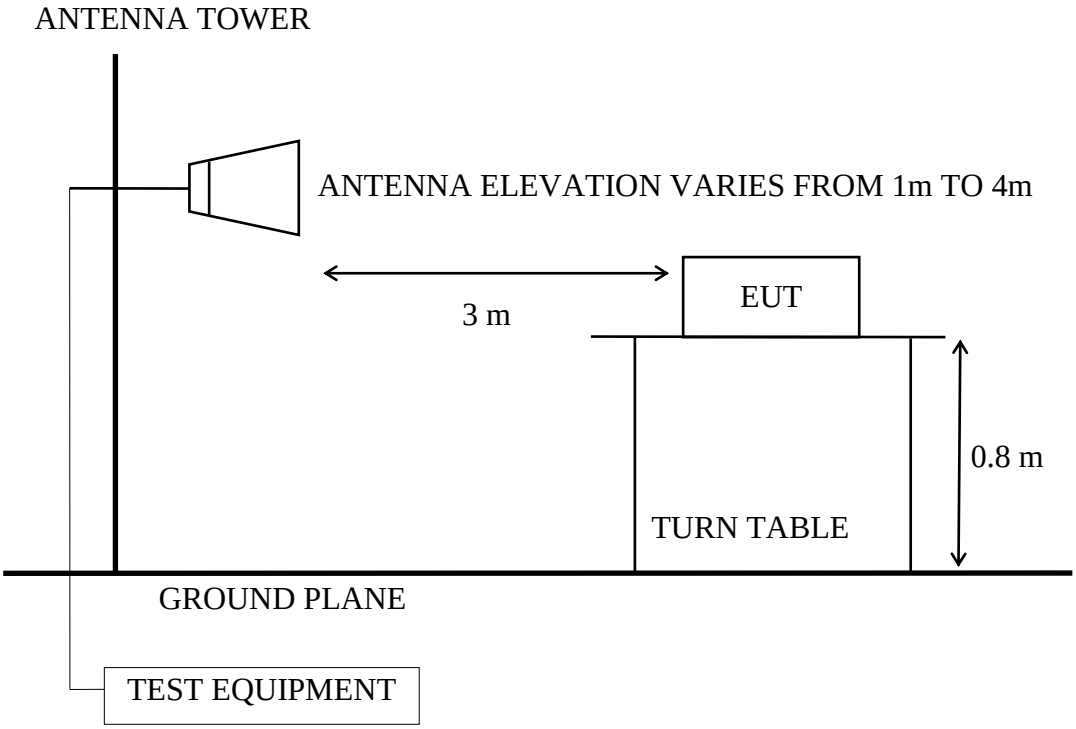
3.2.1. Block Diagram of connection between EUT and simulators



3.2.2. Semi-Anechoic Chamber (3m) Setup Diagram for 30-1000MHz



3.2.3. Semi-Anechoic Chamber (3m) Setup Diagram for above 1GHz



3.3. Radiated Emission Limits (§15.209, RSS-210 §2.7/Table 2)

FREQUENCY MHz	DISTANCE Meters	FIELD STRENGTHS LIMITS	
		μV/m	dBμV/m
30 ~ 88	3	100	40.0
88 ~ 216	3	150	43.5
216 ~ 960	3	200	46.0
Above 960	3	500	54.0
Above 1000	3	74.0 dBμV/m (Peak) 54.0 dBμV/m (Average)	

Remark：(1) Emission level (dBμV/m) = 20 log Emission level (μV/m)
(2) The tighter limit applies at the edge between two frequency bands.
(3) Distance refers to the distance in meters between the measuring instrument antenna and the closed point of any part of the device or system.
(4) The limits in this table are based on CFR 47 Part 15.205(a)(b) and Part 15.209 (a).
(5) The over 1GHz limit, FCC limit is used based on CFR 47 Part 15.35(b) and Part 15.205(b) & Part 15.209(e) and Part 15.207(c).

3.4. Operating Condition of EUT

3.4.1. Set up the EUT (Media Link HD) via Notebook PC and simulator as shown on 3.2.

3.4.2. To turn on the power of all equipments.

3.4.3. The EUT was set the Notebook PC using test program “hyper terminal”.

3.4.4. The EUT supports 802.11b/g/n-HT20/n-HT40 modes, we performed pre-scan high, middle, low channels for each mode for spurious emission and listed the worst channel of each mode in test report.

The worst channel of each mode as following:

Mode	Type of Network	Channel
1.	DTS 802.11b (2.4GHz)	CH 11
2.	DTS 802.11g (2.4GHz)	CH 6
3.	DTS 802.11a (5.8GHz)	CH 149
4.	DTS 802.11n-HT20 (2.4GHz)	CH 6
5.	DTS 802.11n-HT20 (5.8GHz)	CH 149
6.	DTS 802.11n-HT40 (5.8GHz)	CH 151

3.5. Test Procedure

The EUT and its simulators were placed on a turn table which was 0.8 meter above the ground. The turn table rotated 360 degrees to determine the position of the maximum emission level. EUT was set 3 meters away from the receiving antenna which was mounted on an antenna tower. The antenna moved up and down between 1 to 4 meters to find out the maximum emission level. Broadband antenna such as calibrated biconical and log-periodical antenna or horn antenna were used as a receiving antenna. Both horizontal and vertical polarization of the antenna were set on measurement. In order to find the maximum emission, all of the interface cables were manipulated according to ANSI C63.4-2003, RSS-Gen and RSS-210 regulation.

The bandwidth of the R&S Test Receiver was set at 120kHz. (For 30MHz to 1000MHz)

The resolution bandwidth and video bandwidth of test spectrum analyzer is 1MHz for peak detection (PK) at frequency above 1GHz.

The resolution bandwidth of test spectrum analyzer is 1MHz and the video bandwidth is 10Hz for average detection (AV) at frequency above 1GHz.

The frequency range from 30MHz to 25GHz (Up to 10^{th} harmonics from fundamental frequency) was checked. 30MHz to 1000MHz was measured with Quasi-Peak detector.

The frequency range from 30MHz to 40GHz (Up to 10^{th} harmonics from fundamental frequency) was checked. 30MHz to 1000MHz was measured with Quasi-Peak detector.

Above 1GHz was measured with peak detector. For frequency from 2.68GHz to 40GHz, we checked it in 1 meter distance and with a shorter cable 2 meter instead of original's. There is no signal exist.

Pursuant to ANSI C63.4 8.3.1.2, when peak value complies with the average limit, we didn't perform measurement in average detector.

3.6. Test Results

PASSED.
(All emissions not reported below are too low against the prescribed limits.)

EUT：Media Link HD M/N：DG H200

Test Date：Feb. 14, 2012 Temperature：27℃ Humidity：60%

For Frequency Range 30MHz~1000MHz:

The EUT with following test modes were performed during this section testing and all the test results are listed in section 3.6.1.

Mode	Type of Network	Channel	Frequency	Test Mode	Reference Test Data	
					Horizontal	Vertical
1.	DTS 802.11b (2.4GHz)	CH 11	2462MHz	Transmit	# 1	# 2
2.	DTS 802.11g (2.4GHz)	CH 6	2437MHz		# 1	# 2
3.	DTS 802.11a (5.8GHz)	CH 149	5745MHz		# 1	# 2
4.	DTS 802.11n-HT20 (2.4GHz)	CH 6	2437MHz		# 1	# 2
5.	DTS 802.11n-HT20 (5.8GHz)	CH 149	5745MHz		# 1	# 2
6.	DTS 802.11n-HT40 (5.8GHz)	CH 151	5755MHz		# 1	# 2

* Above all final readings were measured with Quasi-Peak detector.

2.4GHz for Frequency above 1GHz:

The EUT with following test modes was performed during this section testing and all the test results are listed in section 3.6.2.

Mode	Type of Network	Channel	Frequency	Test Mode	Reference Test Data	
					Horizontal	Vertical
					Peak	Peak
1.	DTS 802.11b (2.4GHz)	CH 11	2462MHz	Transmit	# 3	--(Note3)
2.	DTS 802.11g (2.4GHz)	CH 6	2437MHz		# 3	--(Note3)
3.	DTS 802.11n-HT20 (2.4GHz)	CH 6	2437MHz		# 3	--(Note3)

Note: 1. Above all final readings were measured with Peak and Average detector.
2. For measurements above 1GHz to 2.68GHz, the peak measured value complies with the average limit, it is unnecessary to perform an average measurement. (According to ANSI C63.4-2003 section 8.3.1.2)
3. There is no signal be found at vertical polarization above 1GHz.
4. The emissions (up to 25GHz) not reported are too low to be measured.

5.8GHz for Frequency above 1GHz:

Mode	Type of Network	Channel	Frequency	Test Mode	Reference Test Data	
					Horizontal	Vertical
					Peak	Peak
1.	DTS 802.11a (5.8GHz)	CH 149	5745MHz	Transmit	--(Note3)	# 4
2.	DTS 802.11n-HT20 (5.8GHz)	CH 149	5745MHz		--(Note3)	# 4
3.	DTS 802.11n-HT40 (5.8GHz)	CH 151	5755MHz		--(Note3)	# 4

Note: 1. Above all final readings were measured with Peak and Average detector.
2. For measurements above 1GHz to 2.68GHz, the peak measured value complies with the average limit, it is unnecessary to perform an average measurement. (According to ANSI C63.4-2003 section 8.3.1.2)
3. There is no signal be found at horizontal polarization above 1GHz.
4. The emissions (up to 40GHz) not reported are too low to be measured.

For Restricted Bands:

The EUT was tested in restricted bands and all the test results are listed in section 3.6.4. (The restricted bands defined in part 15.205(a))

Mode	Type of Network	Channel	Frequency	Test Mode	Reference Test Data	
					Horizontal	Vertical
1.	DTS 802.11b (2.4GHz)	CH 6	2412MHz	Transmit	# 3, # 4	# 2, # 1
2.		CH 11	2462MHz		# 5, # 6	# 7, # 8
3.	DTS 802.11g (2.4GHz)	CH 6	2412MHz	Transmit	# 1, # 2	# 3, # 4
4.		CH 11	2462MHz		# 5, # 6	# 7, # 8
5.	DTS 802.11n-HT20 (2.4GHz)	CH 6	2412MHz	Transmit	# 1, # 2	# 3, # 4
6.		CH 11	2462MHz		# 5, # 6	# 7, # 8

3.6.1. For 30-1000MHz Frequency Range Measurement Results

DTS 802.11b (2.4GHz), Transmit, Frequency: 2462MHz

```
Site no.      : A/C Chamber                  Data no.  : 1
Dis. / Ant.   : 3m   VBA6106A/UHALP9108A     Ant. pol. : HORIZONTAL
Limit         : FCC PART-15C
Env. / Ins.   : E4446A 27℃/60%                          □Vic Fong
EUT           : DG H200
Power Rating  : AC 120/60Hz
Test Mode     : TX2462 (802.11b)
```

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	93.050	16.25	2.00	6.63	24.88	43.50	18.62	QP
2	297.720	26.68	3.98	3.40	34.05	46.00	11.95	QP
3	380.170	17.25	4.60	18.66	40.51	46.00	5.49	QP
4	446.130	17.59	5.40	19.25	42.24	46.00	3.76	QP
5	497.540	18.71	6.43	10.69	35.82	46.00	10.18	QP
6	757.500	23.61	6.73	9.22	39.56	46.00	6.44	QP

```
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
         2. The emission levels that are 20dB below the official
            limit are not reported.
```

```
Site no.      : A/C Chamber                  Data no.  : 2
Dis. / Ant.   : 3m   VBA6106A/UHALP9108A     Ant. pol. : VERTICAL
Limit         : FCC PART-15C
Env. / Ins.   : E4446A 27℃/60%                          □Vic Fong
EUT           : DG H200
Power Rating  : AC 120/60Hz
Test Mode     : TX2462 (802.11b)
```

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	93.050	16.25	2.00	6.77	25.02	43.50	18.48	QP
2	380.170	17.25	4.60	13.18	35.03	46.00	10.97	QP
3	446.130	17.59	5.40	15.08	38.07	46.00	7.93	QP
4	497.540	18.71	6.43	9.78	34.91	46.00	11.09	QP
5	595.510	20.94	6.27	10.44	37.65	46.00	8.35	QP
6	757.500	23.61	6.73	2.14	32.48	46.00	13.52	QP

```
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
         2. The emission levels that are 20dB below the official
            limit are not reported.
```

DTS 802.11g (2.4GHz), Transmit, Frequency: 2437MHz

```
Site no.      : A/C Chamber                 Data no.  : 1
Dis. / Ant.   : 3m   VBA6106A/UHALP9108A    Ant. pol. : HORIZONTAL
Limit         : FCC PART-15C
Env. / Ins.   : E4446A 27℃/60%                        □Vic Fong
EUT           : DG H200
Power Rating  : AC 120/60Hz
Test Mode     : TX2437 (802.11g)
```

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	102.750	17.40	2.10	6.71	26.21	43.50	17.29	QP
2	354.950	15.69	4.37	19.14	39.20	46.00	6.80	QP
3	403.450	17.54	4.90	17.79	40.23	46.00	5.77	QP
4	446.130	17.59	5.40	17.28	40.27	46.00	5.73	QP
5	743.920	22.66	6.70	9.09	38.45	46.00	7.55	QP
6	757.500	23.61	6.73	10.20	40.54	46.00	5.46	QP

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

```
Site no.      : A/C Chamber                 Data no.  : 2
Dis. / Ant.   : 3m   VBA6106A/UHALP9108A    Ant. pol. : VERTICAL
Limit         : FCC PART-15C
Env. / Ins.   : E4446A 27℃/60%                        □Vic Fong
EUT           : DG H200
Power Rating  : AC 120/60Hz
Test Mode     : TX2437 (802.11g)
```

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	57.160	13.77	1.60	11.71	27.08	40.00	12.92	QP
2	297.720	26.68	3.98	0.54	31.19	46.00	14.81	QP
3	380.170	17.25	4.60	14.00	35.85	46.00	10.15	QP
4	446.130	17.59	5.40	16.83	39.82	46.00	6.18	QP
5	595.510	20.94	6.27	11.71	38.92	46.00	7.08	QP
6	757.500	23.61	6.73	3.91	34.25	46.00	11.75	QP

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

DTS 802.11a (5.8GHz), Transmit, Frequency: 5745MHz

```
Site no.      : A/C Chamber                 Data no.  : 1
Dis. / Ant.   : 3m   VBA6106A/UHALP9108A    Ant. pol. : HORIZONTAL
Limit         : FCC PART-15C
Env. / Ins.   : E4446A 27℃/60%                        □Vic Fong
EUT           : DG H200
Power Rating  : AC 120/60Hz
Test Mode     : TX5745 (802.11a)
```

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	94.020	16.37	2.00	9.73	28.09	43.50	15.41	QP
2	297.720	26.68	3.98	6.35	37.00	46.00	9.00	QP
3	354.950	15.69	4.37	22.48	42.54	46.00	3.46	QP
4	378.230	17.19	4.60	20.85	42.64	46.00	3.36	QP
5	446.130	17.59	5.40	20.63	43.62	46.00	2.38	QP
6	497.540	18.71	6.43	10.47	35.60	46.00	10.40	QP
7	757.500	23.61	6.73	11.25	41.59	46.00	4.41	QP

```
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
         2. The emission levels that are 20dB below the official
            limit are not reported.
```

```
Site no.      : A/C Chamber                 Data no.  : 2
Dis. / Ant.   : 3m   VBA6106A/UHALP9108A    Ant. pol. : VERTICAL
Limit         : FCC PART-15C
Env. / Ins.   : E4446A 27℃/60%                        □Vic Fong
EUT           : DG H200
Power Rating  : AC 120/60Hz
Test Mode     : TX5745 (802.11a)
```

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	218.180	21.91	3.20	7.44	32.55	46.00	13.45	QP
2	378.230	17.19	4.60	17.77	39.56	46.00	6.44	QP
3	446.130	17.59	5.40	18.41	41.40	46.00	4.60	QP
4	497.540	18.71	6.43	12.47	37.60	46.00	8.40	QP
5	595.510	20.94	6.27	12.58	39.79	46.00	6.21	QP
6	757.500	23.61	6.73	4.47	34.81	46.00	11.19	QP

```
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
         2. The emission levels that are 20dB below the official
            limit are not reported.
```

DTS 802.11n-HT20 (2.4GHz), Transmit, Frequency: 2437MHz

```
Site no.      : A/C Chamber                 Data no.  : 1
Dis. / Ant.   : 3m   VBA6106A/UHALP9108A    Ant. pol. : HORIZONTAL
Limit         : FCC PART-15C
Env. / Ins.   : E4446A 27℃/60%                        □Vic Fong
EUT           : DG H200
Power Rating  : AC 120/60Hz
Test Mode     : TX2437 (802.11n HT-20)
```

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	94.020	16.37	2.00	7.56	25.92	43.50	17.58	QP
2	297.720	26.68	3.98	4.56	35.21	46.00	10.79	QP
3	378.230	17.19	4.60	19.40	41.19	46.00	4.81	QP
4	446.130	17.59	5.40	17.35	40.34	46.00	5.66	QP
5	497.540	18.71	6.43	11.32	36.45	46.00	9.55	QP
6	621.700	21.37	6.20	6.30	33.87	46.00	12.13	QP
7	757.500	23.61	6.73	10.57	40.91	46.00	5.09	QP

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

```
Site no.      : A/C Chamber                 Data no.  : 2
Dis. / Ant.   : 3m   VBA6106A/UHALP9108A    Ant. pol. : VERTICAL
Limit         : FCC PART-15C
Env. / Ins.   : E4446A 27℃/60%                        □Vic Fong
EUT           : DG H200
Power Rating  : AC 120/60Hz
Test Mode     : TX2437 (802.11n HT-20)
```

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	37.760	21.58	1.20	7.41	30.19	40.00	9.81	QP
2	378.230	17.19	4.60	14.43	36.22	46.00	9.78	QP
3	446.130	17.59	5.40	16.48	39.47	46.00	6.53	QP
4	497.540	18.71	6.43	10.75	35.88	46.00	10.12	QP
5	544.100	19.13	6.94	8.07	34.13	46.00	11.87	QP
6	595.510	20.94	6.27	11.05	38.26	46.00	7.74	QP
7	757.500	23.61	6.73	3.53	33.87	46.00	12.13	QP

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

DTS 802.11n-HT20 (5.8GHz), Transmit, Frequency: 5745MHz

```
Site no.      : A/C Chamber                 Data no.  : 1
Dis. / Ant.   : 3m   VBA6106A/UHALP9108A    Ant. pol. : HORIZONTAL
Limit         : FCC PART-15C
Env. / Ins.   : E4446A 27℃/60%                        □Vic Fong
EUT           : DG H200
Power Rating  : AC 120/60Hz
Test Mode     : TX5745 (802.11n HT-20)
```

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	94.020	16.37	2.00	9.43	27.79	43.50	15.71	QP
2	354.950	15.69	4.37	21.78	41.84	46.00	4.16	QP
3	378.230	17.19	4.60	21.35	43.14	46.00	2.86	QP
4	446.130	17.59	5.40	20.87	43.86	46.00	2.14	QP
5	497.540	18.71	6.43	12.85	37.98	46.00	8.02	QP
6	757.500	23.61	6.73	12.29	42.63	46.00	3.37	QP

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

```
Site no.      : A/C Chamber                 Data no.  : 2
Dis. / Ant.   : 3m   VBA6106A/UHALP9108A    Ant. pol. : VERTICAL
Limit         : FCC PART-15C
Env. / Ins.   : E4446A 27℃/60%                        □Vic Fong
EUT           : DG H200
Power Rating  : AC 120/60Hz
Test Mode     : TX5745 (802.11n HT-20)
```

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	55.220	14.39	1.50	15.50	31.39	40.00	8.61	QP
2	378.230	17.19	4.60	17.05	38.84	46.00	7.16	QP
3	446.130	17.59	5.40	18.48	41.47	46.00	4.53	QP
4	497.540	18.71	6.43	13.20	38.33	46.00	7.67	QP
5	593.570	20.95	6.20	12.65	39.80	46.00	6.20	QP
6	757.500	23.61	6.73	4.82	35.16	46.00	10.84	QP
7	994.180	24.73	7.80	8.75	41.28	54.00	12.72	QP

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

DTS 802.11n-HT40 (5.8GHz), Transmit, Frequency: 5755MHz

```
Site no.      : A/C Chamber                  Data no.  : 1
Dis. / Ant.   : 3m   VBA6106A/UHALP9108A     Ant. pol. : HORIZONTAL
Limit         : FCC PART-15C
Env. / Ins.   : E4446A 27℃/60%                          □Vic Fong
EUT           : DG H200
Power Rating  : AC 120/60Hz
Test Mode     : TX5755 (802.11n HT-40)
```

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	94.020	16.37	2.00	9.56	27.92	43.50	15.58	QP
2	354.950	15.69	4.37	21.87	41.93	46.00	4.07	QP
3	378.230	17.19	4.60	20.81	42.60	46.00	3.40	QP
4	403.450	17.54	4.90	19.57	42.01	46.00	3.99	QP
5	446.130	17.59	5.40	21.12	44.11	46.00	1.89	QP
6	497.540	18.71	6.43	12.69	37.82	46.00	8.18	QP
7	757.500	23.61	6.73	12.46	42.80	46.00	3.20	QP

```
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
         2. The emission levels that are 20dB below the official
            limit are not reported.
```

```
Site no.      : A/C Chamber                  Data no.  : 2
Dis. / Ant.   : 3m   VBA6106A/UHALP9108A     Ant. pol. : VERTICAL
Limit         : FCC PART-15C
Env. / Ins.   : E4446A 27℃/60%                          □Vic Fong
EUT           : DG H200
Power Rating  : AC 120/60Hz
Test Mode     : TX5755 (802.11n HT-40)
```

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	52.310	15.52	1.50	10.71	27.74	40.00	12.26	QP
2	378.230	17.19	4.60	17.63	39.42	46.00	6.58	QP
3	403.450	17.54	4.90	14.67	37.11	46.00	8.89	QP
4	446.130	17.59	5.40	18.15	41.14	46.00	4.86	QP
5	497.540	18.71	6.43	12.92	38.05	46.00	7.95	QP
6	595.510	20.94	6.27	12.20	39.41	46.00	6.59	QP
7	757.500	23.61	6.73	5.44	35.78	46.00	10.22	QP

```
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
         2. The emission levels that are 20dB below the official
            limit are not reported.
```

3.6.2. 2.4GHz for Above 1GHz Frequency Range Measurement Results

DTS 802.11b (2.4GHz) Transmit, Frequency: 2462MHz

```
Site no.      : A/C Chamber                 Data no.  : 3
Dis. / Ant.   : 3m   3115(3775)             Ant. pol. : HORIZONTAL
Limit         : FCC PART-15C (1G-AV)
Env. / Ins.   : E4446A 27℃/60%                        □Vic Fong
EUT           : DG H200
Power Rating  : AC 120/60Hz
Test Mode     : TX2462 (802.11b)
```

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	1015.120	24.35	4.21	12.22	40.78	54.00	13.22	Peak
2	2347.360	28.04	6.29	16.89	51.23	54.00	2.77	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

DTS 802.11g (2.4GHz), Transmit, Frequency: 2437MHz

```
Site no.      : A/C Chamber                 Data no.  : 3
Dis. / Ant.   : 3m   3115(3775)             Ant. pol. : HORIZONTAL
Limit         : FCC PART-15C (1G-AV)
Env. / Ins.   : E4446A 27℃/60%                        □Vic Fong
EUT           : DG H200
Power Rating  : AC 120/60Hz
Test Mode     : TX2437 (802.11g)
```

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	2342.320	28.04	6.28	16.04	50.37	54.00	3.63	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

DTS 802.11n-HT20 (2.4GHz), Transmit, Frequency: 2437MHz

```
Site no.      : A/C Chamber                 Data no.   : 3
Dis. / Ant.   : 3m   3115(3775)             Ant. pol.  : HORIZONTAL
Limit         : FCC PART-15C (1G-AV)
Env. / Ins.   : E4446A 27℃/60%                         □Vic Fong
EUT           : DG H200
Power Rating  : AC 120/60Hz
Test Mode     : TX2437 (802.11n HT-20)
```

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Remark
1	1040.320	24.40	4.26	7.52	36.18	54.00	17.82	Peak
2	1241.920	24.98	4.66	7.16	36.80	54.00	17.20	Peak
3	2355.760	28.06	6.29	11.37	45.73	54.00	8.27	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

3.6.3. 5.8GHz for Above 1GHz Frequency Range Measurement Results

DTS 802.11a (5.8GHz), Transmit, Frequency: 5745MHz

```
Site no.      : A/C Chamber                 Data no.  : 4
Dis. / Ant.   : 3m   3115(3775)             Ant. pol. : HORIZONTAL
Limit         : FCC PART-15C (1G-AV)
Env. / Ins.   : E4446A 27℃/60%                        □Vic Fong
EUT           : DG H200
Power Rating  : AC 120/60Hz
Test Mode     : TX5745 (802.11a)
```

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	1015.120	24.35	4.21	12.72	41.28	54.00	12.72	Peak
2	1040.320	24.40	4.26	13.37	42.02	54.00	11.98	Peak
3	1241.920	24.98	4.66	11.96	41.59	54.00	12.41	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

DTS 802.11n-HT20 (5.8GHz), Transmit, Frequency: 5745MHz

```
Site no.      : A/C Chamber                 Data no.  : 4
Dis. / Ant.   : 3m   3115(3775)             Ant. pol. : HORIZONTAL
Limit         : FCC PART-15C (1G-AV)
Env. / Ins.   : E4446A 27℃/60%                        □Vic Fong
EUT           : DG H200
Power Rating  : AC 120/60Hz
Test Mode     : TX5745 (802.11n HT-20)
```

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	1020.160	24.35	4.22	10.87	39.44	54.00	14.56	Peak
2	1241.920	24.98	4.66	10.98	40.61	54.00	13.39	Peak
3	1519.120	25.83	5.58	9.78	41.19	54.00	12.81	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

DTS 802.11n-HT40 (5.8GHz), Transmit, Frequency: 5745MHz

```
Site no.      : A/C Chamber                 Data no.  : 4
Dis. / Ant.   : 3m   3115(3775)             Ant. pol. : HORIZONTAL
Limit         : FCC PART-15C (1G-AV)
Env. / Ins.   : E4446A 27℃/60%                        □Vic Fong
EUT           : DG H200
Power Rating  : AC 120/60Hz
Test Mode     : TX5755 (802.11n HT-40)
```

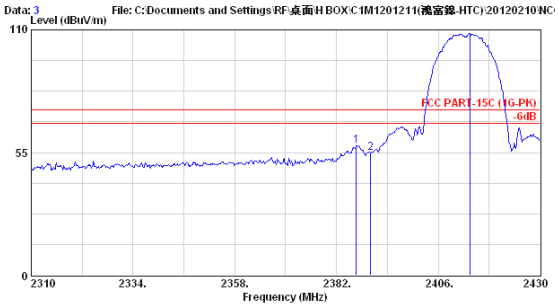
	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	1040.320	24.40	4.26	11.25	39.90	54.00	14.10	Peak
2	1132.720	24.69	4.46	11.10	40.24	54.00	13.76	Peak
3	1241.920	24.98	4.66	11.07	40.70	54.00	13.30	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

3.6.4. Restricted Bands Measurement Results

Date of Test：	Feb. 14, 2012	Temperature：	27℃
EUT：	Media Link HD	Humidity：	60%
Test Mode：	DTS 802.11b (2.4GHz), Transmit, Channel: 01, Frequency: 2412MHz		

AUDIX TECHNOLOGY Corp. EMC Laboratory
No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:+886-2-26099303
Email:ttemc@ttemc.com.tw

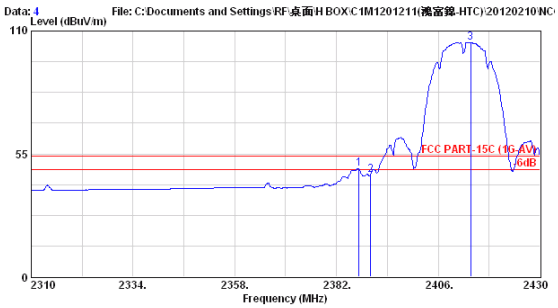


Site no. : A/C Chamber Data no. : 3
Dis. / Ant. : 3m 3115(3775) Ant. pol. : HORIZONTAL
Limit : FCC PART-15C (1G-PK)
Env. / Ins. : E4446A 27℃/60% □Vic Fong
EUT : DG H200
Power Rating : AC 120/60Hz
Test Mode : TX2412 (802.11b)

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	2386.680	28.10	6.33	23.68	58.11	74.00	15.89	Peak
2	2390.040	28.10	6.34	20.43	54.87	74.00	19.13	Peak
3	2413.440	28.11	6.36	74.06	108.54	74.00	-34.54	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

AUDIX TECHNOLOGY Corp. EMC Laboratory
No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:+886-2-26099303
Email:ttemc@ttemc.com.tw



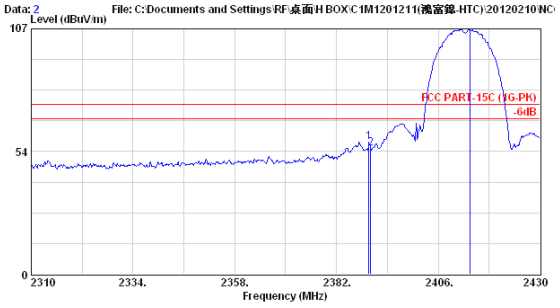
Site no. : A/C Chamber Data no. : 4
Dis. / Ant. : 3m 3115(3775) Ant. pol. : HORIZONTAL
Limit : FCC PART-15C (1G-AV)
Env. / Ins. : E4446A 27℃/60% □Vic Fong
EUT : DG H200
Power Rating : AC 120/60Hz
Test Mode : TX2412 (802.11b)

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	2387.280	28.10	6.33	13.98	48.41	54.00	5.59	Average
2	2390.040	28.10	6.34	11.02	45.46	54.00	8.54	Average
3	2413.680	28.11	6.36	70.41	104.89	54.00	-50.89	Average

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

Date of Test：	Feb. 14, 2012	Temperature：	27℃
EUT：	Media Link HD	Humidity：	60%
Test Mode：	DTS 802.11b (2.4GHz), Transmit, Channel: 01, Frequency: 2412MHz		

AUDIX TECHNOLOGY Corp. EMC Laboratory
No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:+886-2-26099303
Email:ttemc@ttemc.com.tw

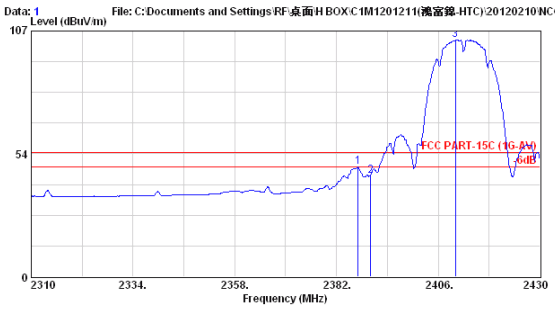



```
Site no.      : A/C Chamber                  Data no.   : 2
Dis. / Ant.   : 3m   3115(3775)              Ant. pol.  : VERTICAL
Limit         : FCC PART-15C (1G-PK)
Env. / Ins.   : E4446A 27℃/60%                          □Vic Fong
EUT           : DG H200
Power Rating  : AC 120/60Hz
Test Mode     : TX2412 (802.11b)
```

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	2389.680	28.10	6.34	23.28	57.72	74.00	16.28	Peak
2	2390.040	28.10	6.34	20.54	54.98	74.00	19.02	Peak
3	2413.440	28.11	6.36	72.43	106.91	74.00	-32.91	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

AUDIX TECHNOLOGY Corp. EMC Laboratory
No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:+886-2-26099303
Email:ttemc@ttemc.com.tw



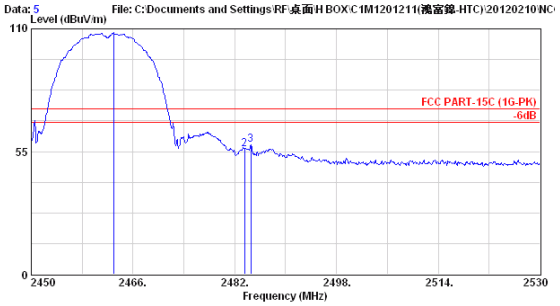

```
Site no.      : A/C Chamber                  Data no.   : 1
Dis. / Ant.   : 3m   3115(3775)              Ant. pol.  : VERTICAL
Limit         : FCC PART-15C (1G-AV)
Env. / Ins.   : E4446A 27℃/60%                          □Vic Fong
EUT           : DG H200
Power Rating  : AC 120/60Hz
Test Mode     : TX2412 (802.11b)
```

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	2387.040	28.10	6.33	13.29	47.72	54.00	6.28	Average
2	2390.040	28.10	6.34	9.48	43.92	54.00	10.08	Average
3	2410.080	28.11	6.36	68.58	103.05	54.00	-49.05	Average

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

Date of Test：	Feb. 14, 2012	Temperature：	27℃
EUT：	Media Link HD	Humidity：	60%
Test Mode：	DTS 802.11b (2.4GHz), Transmit, Channel: 11, Frequency: 2462MHz		

AUDIX TECHNOLOGY Corp. EMC Laboratory
No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:+886-2-26099303
Email:ttemc@ttemc.com.tw

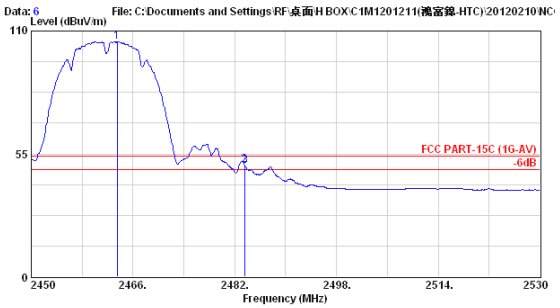



```
Site no.      : A/C Chamber                    Data no.   : 5
Dis. / Ant.   : 3m   3115(3775)                Ant. pol.  : HORIZONTAL
Limit         : FCC PART-15C (1G-PK)
Env. / Ins.   : E4446A 27℃/60%                 □Vic Fong
EUT           : DG H200
Power Rating  : AC 120/60Hz
Test Mode     : TX2462 (802.11b)
```

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	2462.960	28.17	6.42	73.73	108.32	74.00	-34.32	Peak
2	2483.520	28.18	6.45	21.55	56.18	74.00	17.82	Peak
3	2484.560	28.18	6.45	23.23	57.86	74.00	16.14	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

AUDIX TECHNOLOGY Corp. EMC Laboratory
No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:+886-2-26099303
Email:ttemc@ttemc.com.tw



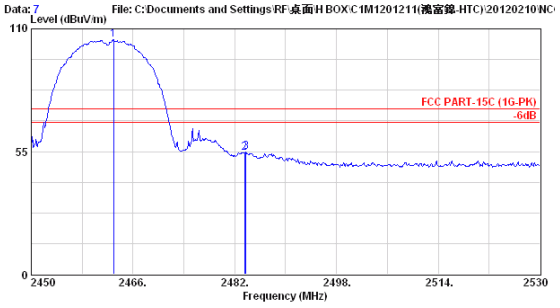

```
Site no.      : A/C Chamber                    Data no.   : 6
Dis. / Ant.   : 3m   3115(3775)                Ant. pol.  : HORIZONTAL
Limit         : FCC PART-15C (1G-AV)
Env. / Ins.   : E4446A 27℃/60%                 □Vic Fong
EUT           : DG H200
Power Rating  : AC 120/60Hz
Test Mode     : TX2462 (802.11b)
```

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	2463.520	28.17	6.42	70.70	105.29	54.00	-51.29	Average
2	2483.520	28.18	6.45	15.42	50.05	54.00	3.95	Average
3	2483.600	28.18	6.45	15.06	49.69	54.00	4.31	Average

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

Date of Test：	Feb. 14, 2012	Temperature：	27℃
EUT：	Media Link HD	Humidity：	60%
Test Mode：	DTS 802.11b (2.4GHz), Transmit, Channel: 11, Frequency: 2462MHz		

AUDIX TECHNOLOGY Corp. EMC Laboratory
No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:+886-2-26099303
Email:ttemc@ttemc.com.tw

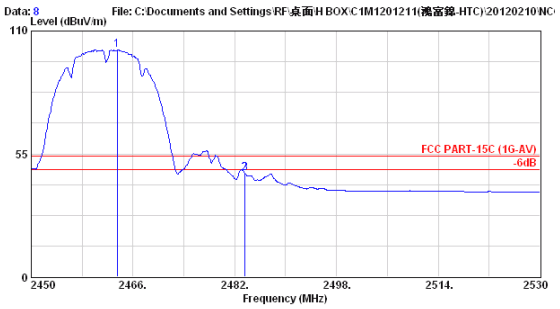



```
Site no.      : A/C Chamber                  Data no.   : 7
Dis. / Ant.   : 3m   3115(3775)              Ant. pol.  : VERTICAL
Limit         : FCC PART-15C (1G-PK)
Env. / Ins.   : E4446A 27℃/60%                          Vic Fong
EUT           : DG H200
Power Rating  : AC 120/60Hz
Test Mode     : TX2462 (802.11b)
```

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	2462.960	28.17	6.42	70.54	105.13	74.00	-31.13	Peak
2	2483.520	28.18	6.45	19.62	54.25	74.00	19.75	Peak
3	2483.760	28.18	6.45	20.08	54.71	74.00	19.29	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

AUDIX TECHNOLOGY Corp. EMC Laboratory
No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:+886-2-26099303
Email:ttemc@ttemc.com.tw



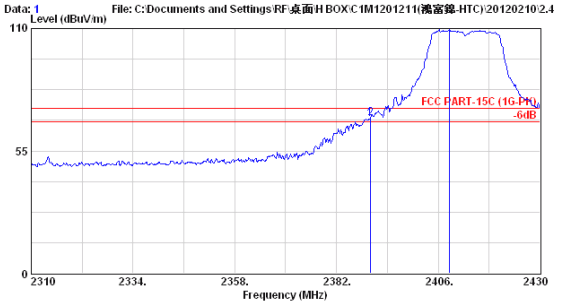

```
Site no.      : A/C Chamber                  Data no.   : 8
Dis. / Ant.   : 3m   3115(3775)              Ant. pol.  : VERTICAL
Limit         : FCC PART-15C (1G-AV)
Env. / Ins.   : E4446A 27℃/60%                          Vic Fong
EUT           : DG H200
Power Rating  : AC 120/60Hz
Test Mode     : TX2462 (802.11b)
```

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	2463.520	28.17	6.42	66.91	101.50	54.00	-47.50	Average
2	2483.520	28.18	6.45	11.88	46.51	54.00	7.49	Average
3	2483.600	28.18	6.45	11.64	46.28	54.00	7.72	Average

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

Date of Test：	Feb. 14, 2012	Temperature：	27℃
EUT：	Media Link HD	Humidity：	60%
Test Mode：	DTS 802.11g (2.4GHz), Transmit, Channel: 01, Frequency: 2412MHz		

AUDIX TECHNOLOGY Corp. EMC Laboratory
No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:+886-2-26099303
Email:ttemc@ttemc.com.tw

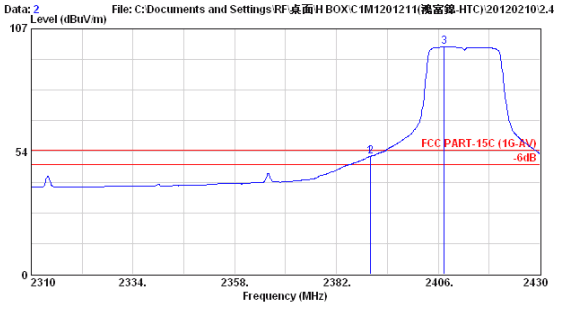



```
Site no.      : A/C Chamber                  Data no.   : 1
Dis. / Ant.   : 3m   3115(3775)              Ant. pol.  : HORIZONTAL
Limit         : FCC PART-15C (1G-PK)
Env. / Ins.   : E4446A 27℃/60%                        ☐Vic Fong
EUT           : DG H200
Power Rating  : AC 120/60Hz
Test Mode     : TX2412 (802.11g)
```

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	2389.920	28.10	6.34	35.04	69.48	74.00	4.52	Peak
2	2390.040	28.10	6.34	35.13	69.57	74.00	4.43	Peak
3	2408.640	28.11	6.36	75.16	109.63	74.00	-35.63	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

AUDIX TECHNOLOGY Corp. EMC Laboratory
No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:+886-2-26099303
Email:ttemc@ttemc.com.tw



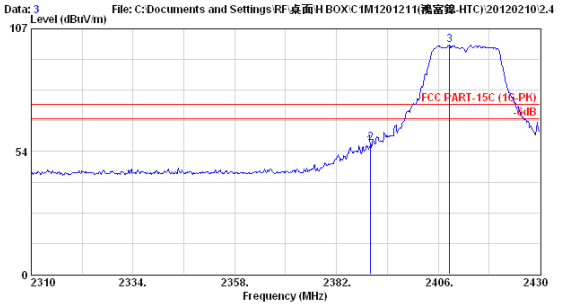

```
Site no.      : A/C Chamber                  Data no.   : 2
Dis. / Ant.   : 3m   3115(3775)              Ant. pol.  : HORIZONTAL
Limit         : FCC PART-15C (1G-AV)
Env. / Ins.   : E4446A 27℃/60%                        ☐Vic Fong
EUT           : DG H200
Power Rating  : AC 120/60Hz
Test Mode     : TX2412 (802.11g)
```

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	2389.920	28.10	6.34	16.86	51.30	54.00	2.70	Average
2	2390.040	28.10	6.34	16.93	51.37	54.00	2.63	Average
3	2407.440	28.11	6.36	64.64	99.11	54.00	-45.11	Average

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

Date of Test：	Feb. 14, 2012	Temperature：	27℃
EUT：	Media Link HD	Humidity：	60%
Test Mode：	DTS 802.11g (2.4GHz), Transmit, Channel: 01, Frequency: 2412MHz		

AUDIX TECHNOLOGY Corp. EMC Laboratory
No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:+886-2-26099303
Email:ttemc@ttemc.com.tw

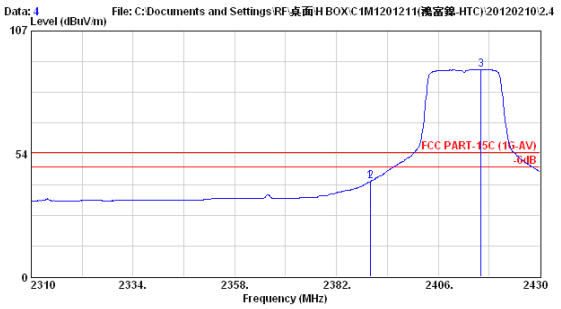


Site no. : A/C Chamber Data no. : 3
Dis. / Ant. : 3m 3115(3775) Ant. pol. : VERTICAL
Limit : FCC PART-15C (1G-PK)
Env. / Ins. : E4446A 27℃/60% ☐Vic Fong
EUT : DG H200
Power Rating : AC 120/60Hz
Test Mode : TX2412 (802.11g)

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	2389.920	28.10	6.34	21.76	56.20	74.00	17.80	Peak
2	2390.040	28.10	6.34	22.66	57.10	74.00	16.90	Peak
3	2408.640	28.11	6.36	65.53	100.00	74.00	-26.00	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

AUDIX TECHNOLOGY Corp. EMC Laboratory
No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:+886-2-26099303
Email:ttemc@ttemc.com.tw



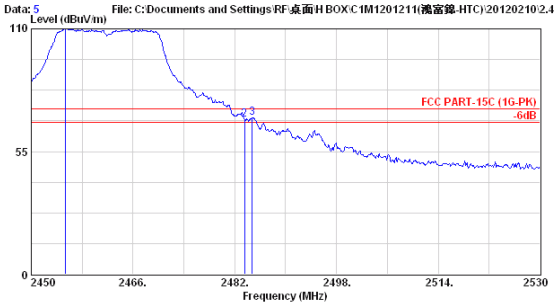
Site no. : A/C Chamber Data no. : 4
Dis. / Ant. : 3m 3115(3775) Ant. pol. : VERTICAL
Limit : FCC PART-15C (1G-AV)
Env. / Ins. : E4446A 27℃/60% ☐Vic Fong
EUT : DG H200
Power Rating : AC 120/60Hz
Test Mode : TX2412 (802.11g)

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	2389.920	28.10	6.34	6.93	41.36	54.00	12.64	Average
2	2390.040	28.10	6.34	7.01	41.45	54.00	12.55	Average
3	2416.080	28.11	6.36	55.80	90.28	54.00	-36.28	Average

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

Date of Test：	Feb. 14, 2012	Temperature：	27℃
EUT：	Media Link HD	Humidity：	60%
Test Mode：	DTS 802.11g (2.4GHz), Transmit, Channel: 11, Frequency: 2462MHz		

AUDIX TECHNOLOGY Corp. EMC Laboratory
No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:+886-2-26099303
Email:ttemc@ttemc.com.tw

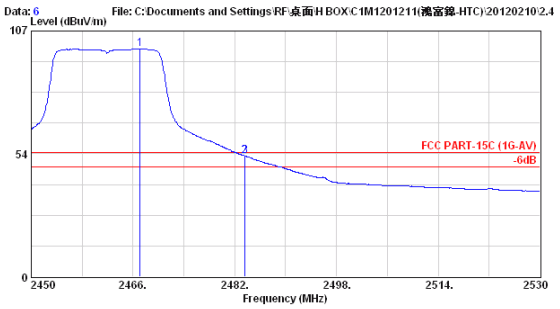



```
Site no.      : A/C Chamber                    Data no.   : 5
Dis. / Ant.   : 3m   3115(3775)                Ant. pol.  : HORIZONTAL
Limit         : FCC PART-15C (1G-PK)
Env. / Ins.   : E4446A 27℃/60%                 □Vic Fong
EUT           : DG H200
Power Rating  : AC 120/60Hz
Test Mode     : TX2462 (802.11g)
```

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	2455.360	28.17	6.42	76.08	110.67	74.00	-36.67	Peak
2	2483.520	28.18	6.45	34.86	69.49	74.00	4.51	Peak
3	2484.720	28.18	6.45	35.57	70.20	74.00	3.80	Peak

```
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
         2. The emission levels that are 20dB below the official
            limit are not reported.
```

AUDIX TECHNOLOGY Corp. EMC Laboratory
No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:+886-2-26099303
Email:ttemc@ttemc.com.tw



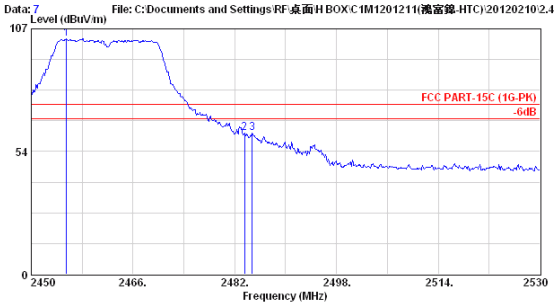

```
Site no.      : A/C Chamber                    Data no.   : 6
Dis. / Ant.   : 3m   3115(3775)                Ant. pol.  : HORIZONTAL
Limit         : FCC PART-15C (1G-AV)
Env. / Ins.   : E4446A 27℃/60%                 □Vic Fong
EUT           : DG H200
Power Rating  : AC 120/60Hz
Test Mode     : TX2462 (802.11g)
```

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	2467.120	28.17	6.42	64.48	99.07	54.00	-45.07	Average
2	2483.520	28.18	6.45	18.03	52.66	54.00	1.34	Average
3	2483.600	28.18	6.45	17.93	52.57	54.00	1.43	Average

```
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
         2. The emission levels that are 20dB below the official
            limit are not reported.
```

Date of Test：	Feb. 14, 2012	Temperature：	27℃
EUT：	Media Link HD	Humidity：	60%
Test Mode：	DTS 802.11g (2.4GHz), Transmit, Channel: 11, Frequency: 2462MHz		

AUDIX TECHNOLOGY Corp. EMC Laboratory
No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:+886-2-26099303
Email:ttemc@ttemc.com.tw

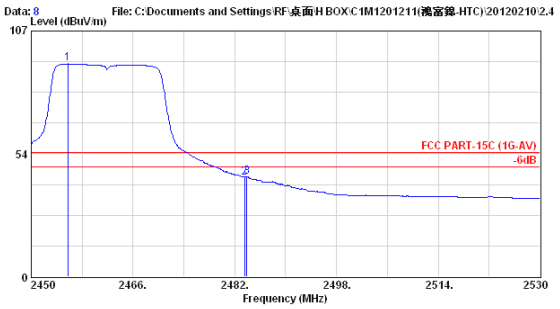



```
Site no.      : A/C Chamber                    Data no.   : 7
Dis. / Ant.   : 3m   3115(3775)                Ant. pol.  : VERTICAL
Limit         : FCC PART-15C (1G-PK)
Env. / Ins.   : E4446A 27℃/60%                 □Vic Fong
EUT           : DG H200
Power Rating  : AC 120/60Hz
Test Mode     : TX2462 (802.11g)
```

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	2455.520	28.17	6.42	68.14	102.73	74.00	-28.73	Peak
2	2483.520	28.18	6.45	26.92	61.55	74.00	12.45	Peak
3	2484.720	28.18	6.45	26.74	61.37	74.00	12.63	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

AUDIX TECHNOLOGY Corp. EMC Laboratory
No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:+886-2-26099303
Email:ttemc@ttemc.com.tw



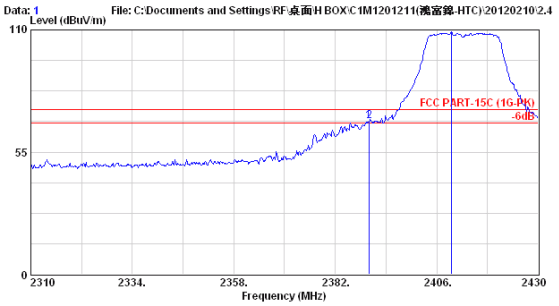

```
Site no.      : A/C Chamber                    Data no.   : 8
Dis. / Ant.   : 3m   3115(3775)                Ant. pol.  : VERTICAL
Limit         : FCC PART-15C (1G-AV)
Env. / Ins.   : E4446A 27℃/60%                 □Vic Fong
EUT           : DG H200
Power Rating  : AC 120/60Hz
Test Mode     : TX2462 (802.11g)
```

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	2455.760	28.17	6.42	58.11	92.70	54.00	-38.70	Average
2	2483.520	28.18	6.45	8.65	43.28	54.00	10.72	Average
3	2483.920	28.18	6.45	9.05	43.68	54.00	10.32	Average

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

Date of Test：	Feb. 14, 2012	Temperature：	27℃
EUT：	Media Link HD	Humidity：	60%
Test Mode：	DTS 802.11n-HT20 (2.4GHz), Transmit, Channel: 01, Frequency: 2412MHz		

AUDIX TECHNOLOGY Corp. EMC Laboratory
No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:+886-2-26099303
Email:ttemc@ttemc.com.tw

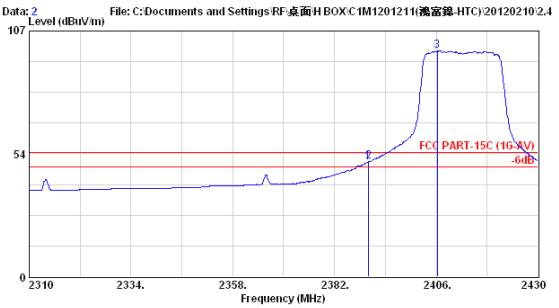



```
Site no.      : A/C Chamber                 Data no.   : 1
Dis. / Ant.   : 3m   3115(3775)             Ant. pol.  : HORIZONTAL
Limit         : FCC PART-15C (1G-PK)
Env. / Ins.   : E4446A 27℃/60%                         ☐Vic Fong
EUT           : DG H200
Power Rating  : AC 120/60Hz
Test Mode     : TX2412 (802.11n HT-20)
```

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	2389.920	28.10	6.34	34.28	68.72	74.00	5.28	Peak
2	2390.040	28.10	6.34	34.50	68.94	74.00	5.06	Peak
3	2409.480	28.11	6.36	74.68	109.15	74.00	-35.15	Peak

```
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
         2. The emission levels that are 20dB below the official
            limit are not reported.
```

AUDIX TECHNOLOGY Corp. EMC Laboratory
No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:+886-2-26099303
Email:ttemc@ttemc.com.tw



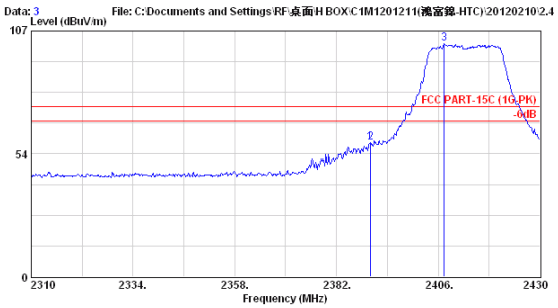

```
Site no.      : A/C Chamber                 Data no.   : 2
Dis. / Ant.   : 3m   3115(3775)             Ant. pol.  : HORIZONTAL
Limit         : FCC PART-15C (1G-AV)
Env. / Ins.   : E4446A 27℃/60%                         ☐Vic Fong
EUT           : DG H200
Power Rating  : AC 120/60Hz
Test Mode     : TX2412 (802.11n HT-20)
```

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	2389.920	28.10	6.34	15.53	49.97	54.00	4.03	Average
2	2390.040	28.10	6.34	15.54	49.98	54.00	4.02	Average
3	2406.240	28.11	6.36	63.80	98.28	54.00	-44.28	Average

```
Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
         2. The emission levels that are 20dB below the official
            limit are not reported.
```

Date of Test：	Feb. 14, 2012	Temperature：	27℃
EUT：	Media Link HD	Humidity：	60%
Test Mode：	DTS 802.11n-HT20 (2.4GHz), Transmit, Channel: 01, Frequency: 2412MHz		

AUDIX TECHNOLOGY Corp. EMC Laboratory
No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:+886-2-26099303
Email:ttemc@ttemc.com.tw

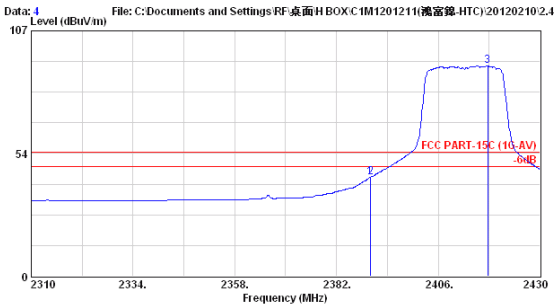



```
Site no.      : A/C Chamber                Data no.   : 3
Dis. / Ant.   : 3m   3115(3775)            Ant. pol.  : VERTICAL
Limit         : FCC PART-15C (1G-PK)
Env. / Ins.   : E4446A 27℃/60%                        □Vic Fong
EUT           : DG H200
Power Rating  : AC 120/60Hz
Test Mode     : TX2412 (802.11n HT-20)
```

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	2389.920	28.10	6.34	23.86	58.30	74.00	15.70	Peak
2	2390.040	28.10	6.34	24.12	58.56	74.00	15.44	Peak
3	2407.440	28.11	6.36	66.94	101.41	74.00	-27.41	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

AUDIX TECHNOLOGY Corp. EMC Laboratory
No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:+886-2-26099303
Email:ttemc@ttemc.com.tw



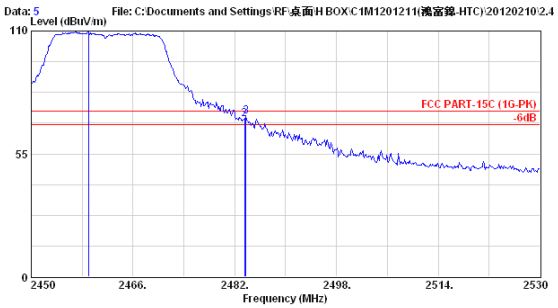

```
Site no.      : A/C Chamber                Data no.   : 4
Dis. / Ant.   : 3m   3115(3775)            Ant. pol.  : VERTICAL
Limit         : FCC PART-15C (1G-AV)
Env. / Ins.   : E4446A 27℃/60%                        □Vic Fong
EUT           : DG H200
Power Rating  : AC 120/60Hz
Test Mode     : TX2412 (802.11n HT-20)
```

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	2389.920	28.10	6.34	8.72	43.15	54.00	10.85	Average
2	2390.040	28.10	6.34	8.84	43.28	54.00	10.72	Average
3	2417.640	28.11	6.37	57.19	91.68	54.00	-37.68	Average

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

Date of Test：	Feb. 14, 2012	Temperature：	27℃
EUT：	Media Link HD	Humidity：	60%
Test Mode：	DTS 802.11n-HT20 (2.4GHz), Transmit, Channel: 11, Frequency: 2462MHz		

AUDIX TECHNOLOGY Corp. EMC Laboratory
No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:+886-2-26099303
Email:ttemc@ttemc.com.tw

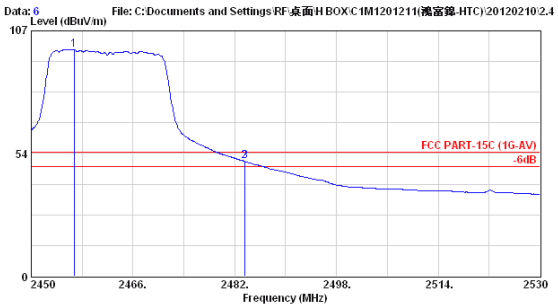



```
Site no.      : A/C Chamber                Data no.  : 5
Dis. / Ant.   : 3m   3115(3775)            Ant. pol. : HORIZONTAL
Limit         : FCC PART-15C (1G-PK)
Env. / Ins.   : E4446A 27℃/60%                       Vic Fong
EUT           : DG H200
Power Rating  : AC 120/60Hz
Test Mode     : TX2462 (802.11n HT-20)
```

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	2458.960	28.17	6.42	75.28	109.86	74.00	-35.86	Peak
2	2483.520	28.18	6.45	35.81	70.44	74.00	3.56	Peak
3	2483.760	28.18	6.45	36.94	71.57	74.00	2.43	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

AUDIX TECHNOLOGY Corp. EMC Laboratory
No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:+886-2-26099303
Email:ttemc@ttemc.com.tw



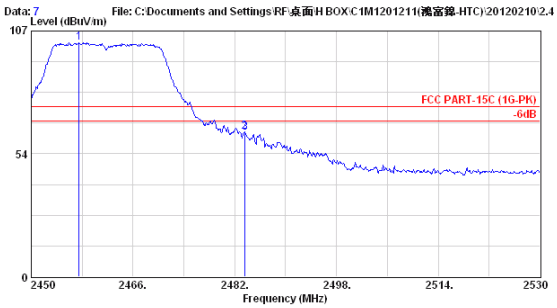

```
Site no.      : A/C Chamber                Data no.  : 6
Dis. / Ant.   : 3m   3115(3775)            Ant. pol. : HORIZONTAL
Limit         : FCC PART-15C (1G-AV)
Env. / Ins.   : E4446A 27℃/60%                       Vic Fong
EUT           : DG H200
Power Rating  : AC 120/60Hz
Test Mode     : TX2462 (802.11n HT-20)
```

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	2456.720	28.17	6.42	64.23	98.82	54.00	-44.82	Average
2	2483.520	28.18	6.45	15.44	50.07	54.00	3.93	Average
3	2483.600	28.18	6.45	15.37	50.01	54.00	3.99	Average

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

Date of Test：	Feb. 14, 2012	Temperature：	27℃
EUT：	Media Link HD	Humidity：	60%
Test Mode：	DTS 802.11n-HT20 (2.4GHz), Transmit, Channel: 11, Frequency: 2462MHz		

AUDIX TECHNOLOGY Corp. EMC Laboratory
No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:+886-2-26099303
Email:ttemc@ttemc.com.tw

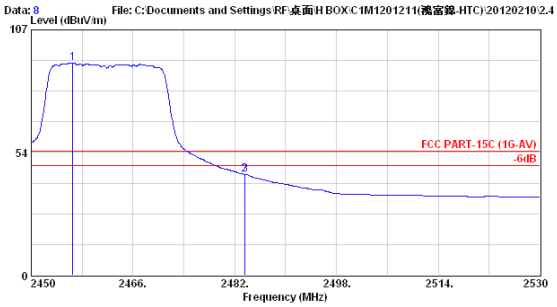



```
Site no.      : A/C Chamber                Data no.  : 7
Dis. / Ant.   : 3m   3115(3775)            Ant. pol. : VERTICAL
Limit         : FCC PART-15C (1G-PK)
Env. / Ins.   : E4446A 27℃/60%                       Vic Fong
EUT           : DG H200
Power Rating  : AC 120/60Hz
Test Mode     : TX2462 (802.11n HT-20)
```

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	2457.520	28.17	6.42	67.45	102.03	74.00	-28.03	Peak
2	2483.520	28.18	6.45	28.54	63.17	74.00	10.83	Peak
3	2483.600	28.18	6.45	28.20	62.83	74.00	11.17	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

AUDIX TECHNOLOGY Corp. EMC Laboratory
No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:+886-2-26099303
Email:ttemc@ttemc.com.tw




```
Site no.      : A/C Chamber                Data no.  : 8
Dis. / Ant.   : 3m   3115(3775)            Ant. pol. : VERTICAL
Limit         : FCC PART-15C (1G-AV)
Env. / Ins.   : E4446A 27℃/60%                       Vic Fong
EUT           : DG H200
Power Rating  : AC 120/60Hz
Test Mode     : TX2462 (802.11n HT-20)
```

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	2456.560	28.17	6.42	57.85	92.44	54.00	-38.44	Average
2	2483.520	28.18	6.45	9.33	43.96	54.00	10.04	Average
3	2483.600	28.18	6.45	9.29	43.92	54.00	10.08	Average

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

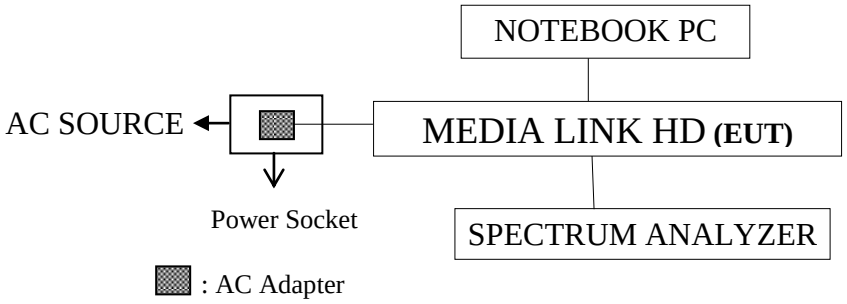
4. 6dB BANDWIDTH MEASUREMENT

4.1. Test Equipment

The following test equipment was used during the Emission Bandwidth measurement:

Item	Type	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
1.	Spectrum Analyzer	Agilent	N9030A-544	US51350140	Oct. 14, 11’	Oct. 13, 12’

4.2. Block Diagram of Test Setup



4.3. Specification Limits [§15.247(a)(2), RSS-210 §A8.2 (a)]

The minimum 6dB bandwidth shall be at least 500kHz.

4.4. Operating Condition of EUT

The test program “hyper terminal” was used to enable the EUT to transmit data at different channel frequency individually.

4.5. Test Procedure

The transmitter output was connected to the spectrum analyzer. The bandwidth of the fundamental frequency was measure by spectrum analyzer with 100kHz RBW and 100kHz VBW. The 6dB bandwidth is defined as the total spectrum the power of which is higher than peak power minus 6dB.
The measurement guideline was according to 558074

4.6. Test Results

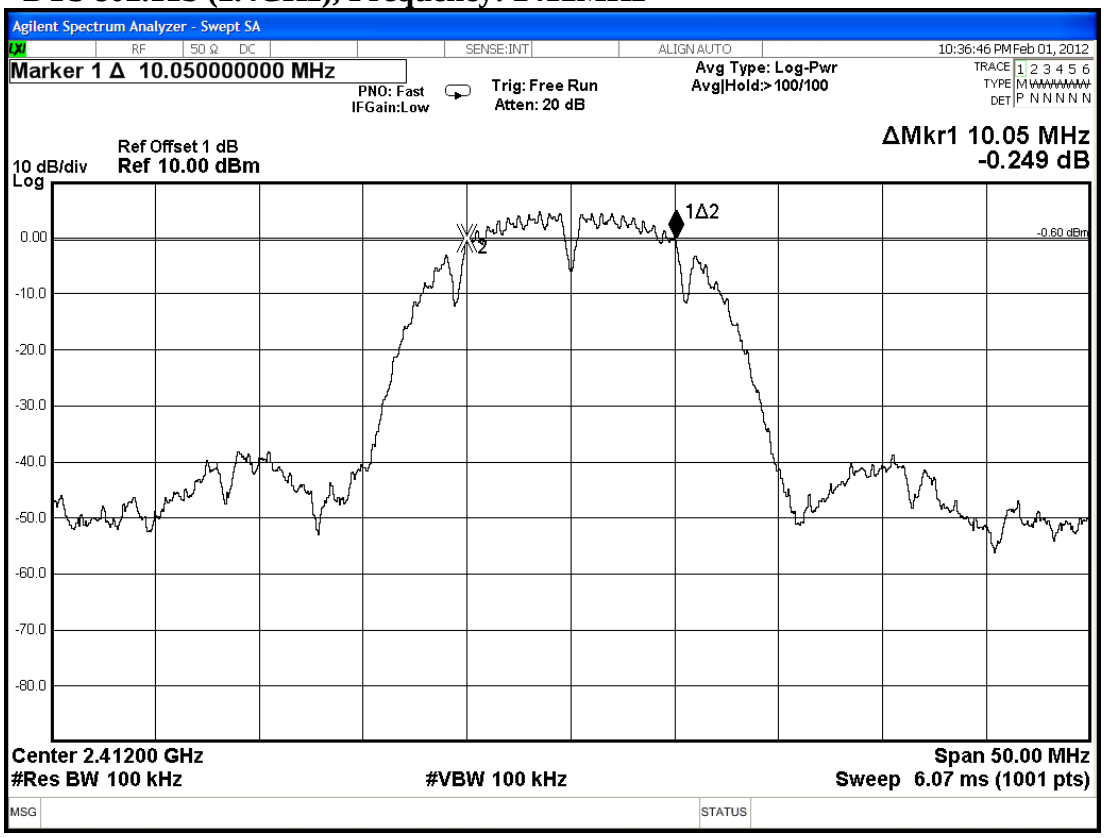
PASSED. All the test results are attached in next pages.

Test Date : Feb. 01, 2012 Temperature : 25℃ Humidity : 51%
Test Date : Feb. 02, 2012 Temperature : 24℃ Humidity : 52%

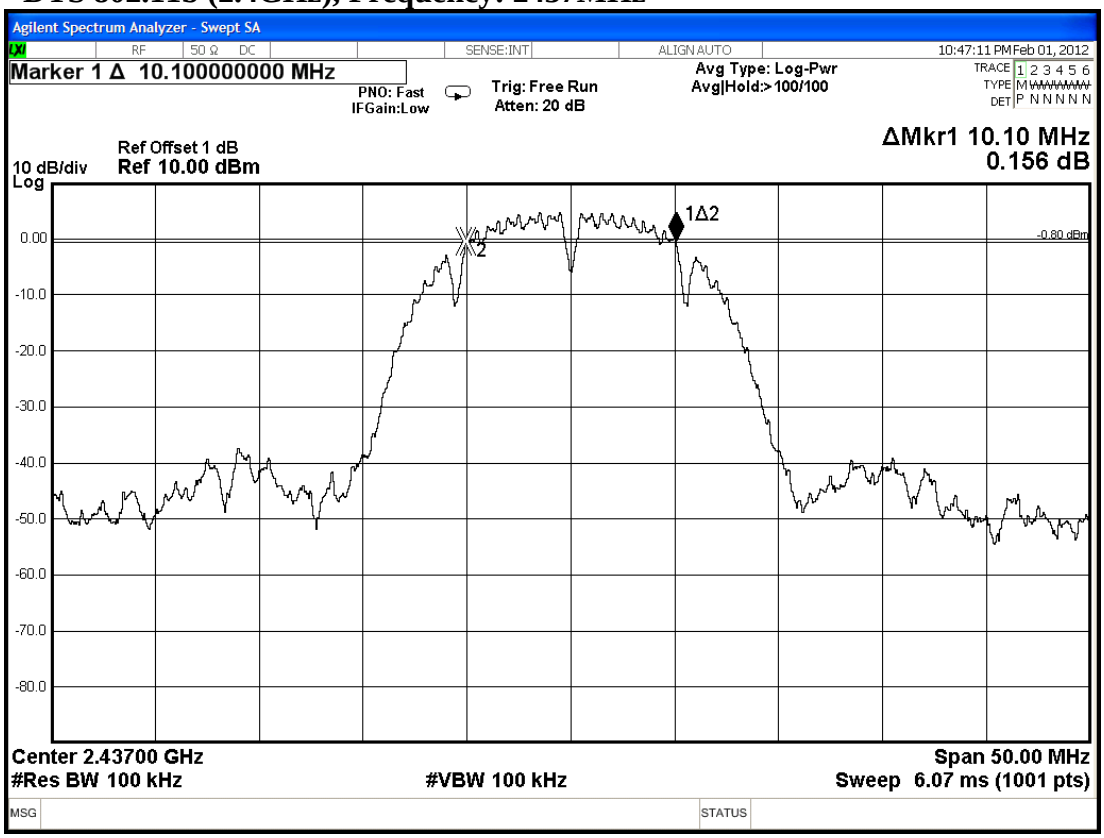
Mode	Type of Network	Channel	Frequency	**6dB Bandwidth**
1.	DTS 802.11b (2.4GHz)	CH 1	2412MHz	**10.05MHz**
2.		CH 6	2437MHz	**10.10MHz**
3.		CH 11	2462MHz	**10.15MHz**
4.	DTS 802.11g (2.4GHz)	CH 1	2412MHz	**16.40MHz**
5.		CH 6	2437MHz	**16.35MHz**
6.		CH 11	2462MHz	**16.40MHz**
7.	DTS 802.11a (5.8GHz)	CH 149	5745MHz	**16.35MHz**
8.		CH 157	5785MHz	**16.35MHz**
9.		CH 165	5825MHz	**16.30MHz**
10.	DTS 802.11n-HT20 (2.4GHz)	CH 1	2412MHz	**17.50MHz**
11.		CH 6	2437MHz	**17.30MHz**
12.		CH 11	2462MHz	**17.30MHz**
13.	DTS 802.11n-HT20 (5.8GHz)	CH 149	5745MHz	**16.90MHz**
14.		CH 157	5785MHz	**17.20MHz**
15.		CH 165	5825MHz	**17.10MHz**
16.	DTS 802.11n-HT40 (5.8GHz)	CH 151	5755MHz	**36.76MHz**
17.		CH 159	5795MHz	**36.60MHz**

[Limit: least 500kHz]

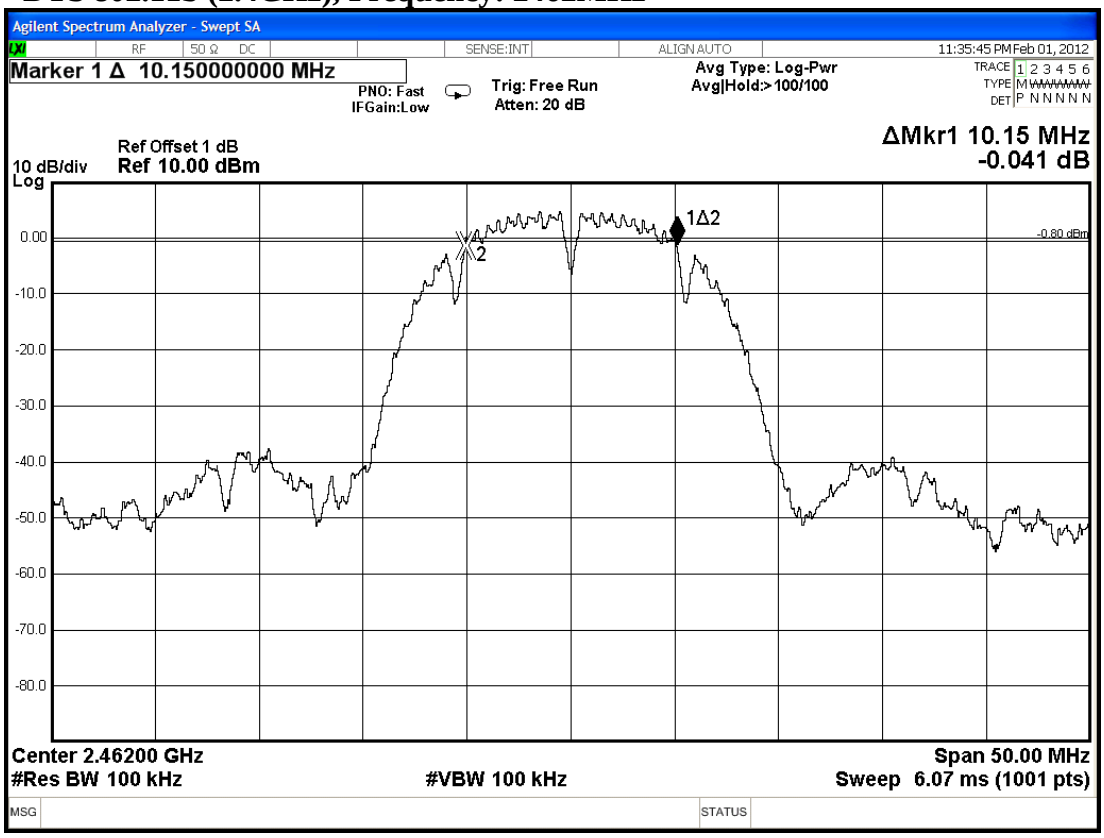
DTS 802.11b (2.4GHz), Frequency: 2412MHz



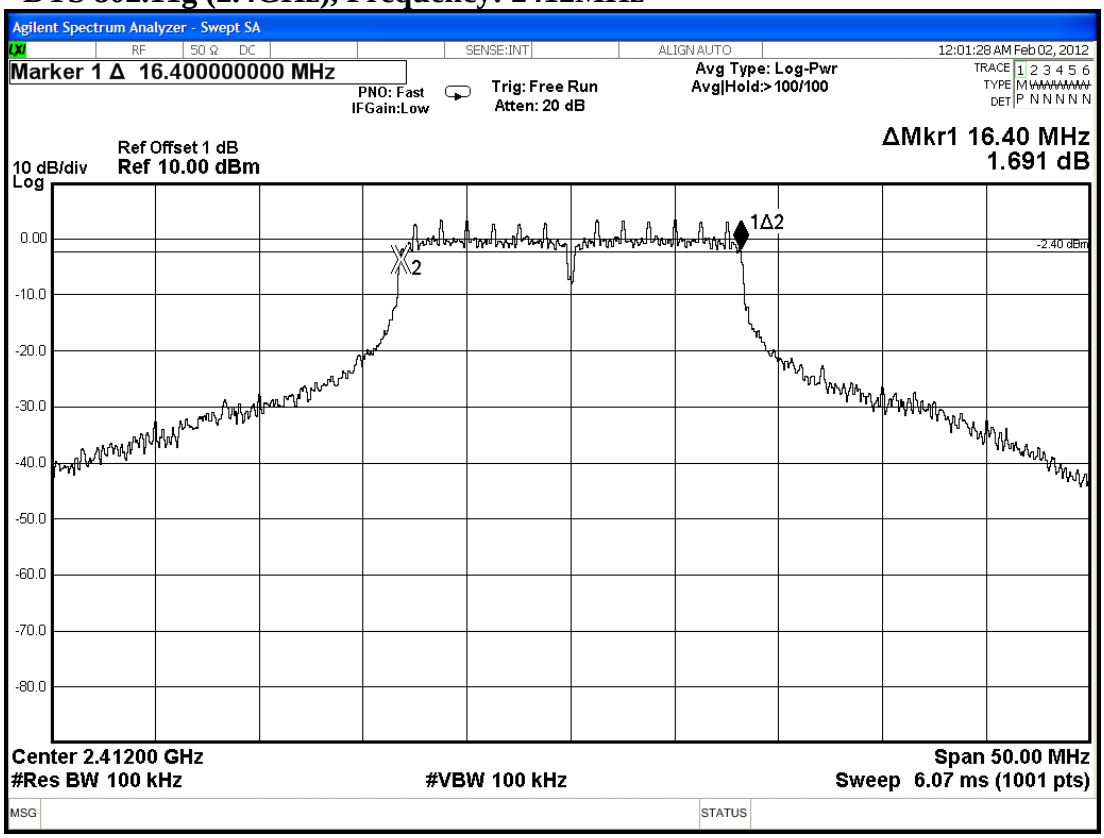
DTS 802.11b (2.4GHz), Frequency: 2437MHz



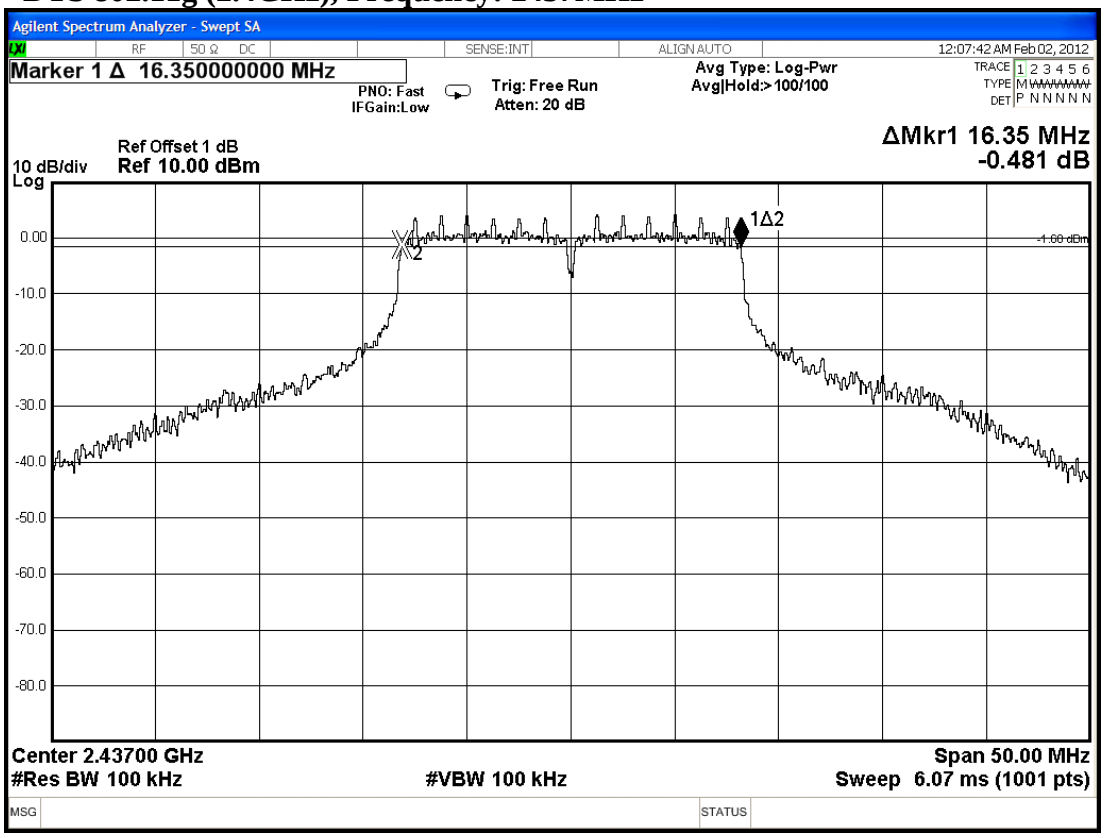
DTS 802.11b (2.4GHz), Frequency: 2462MHz



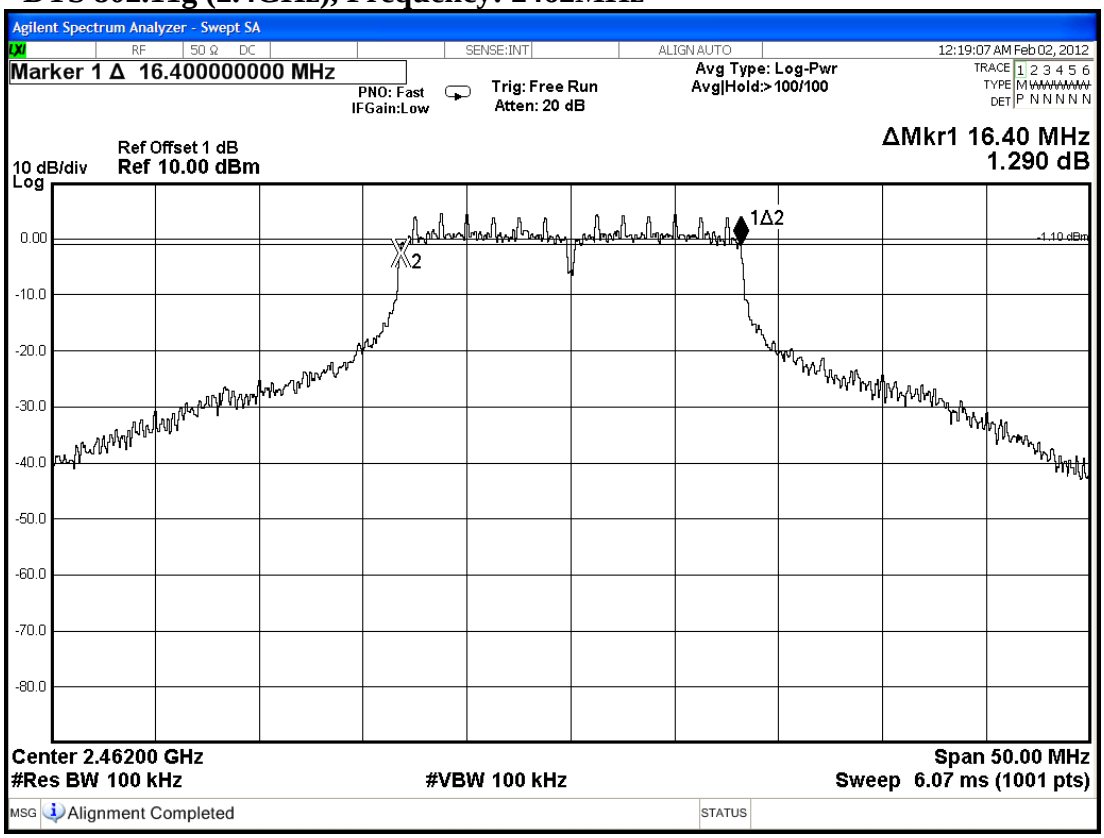
DTS 802.11g (2.4GHz), Frequency: 2412MHz



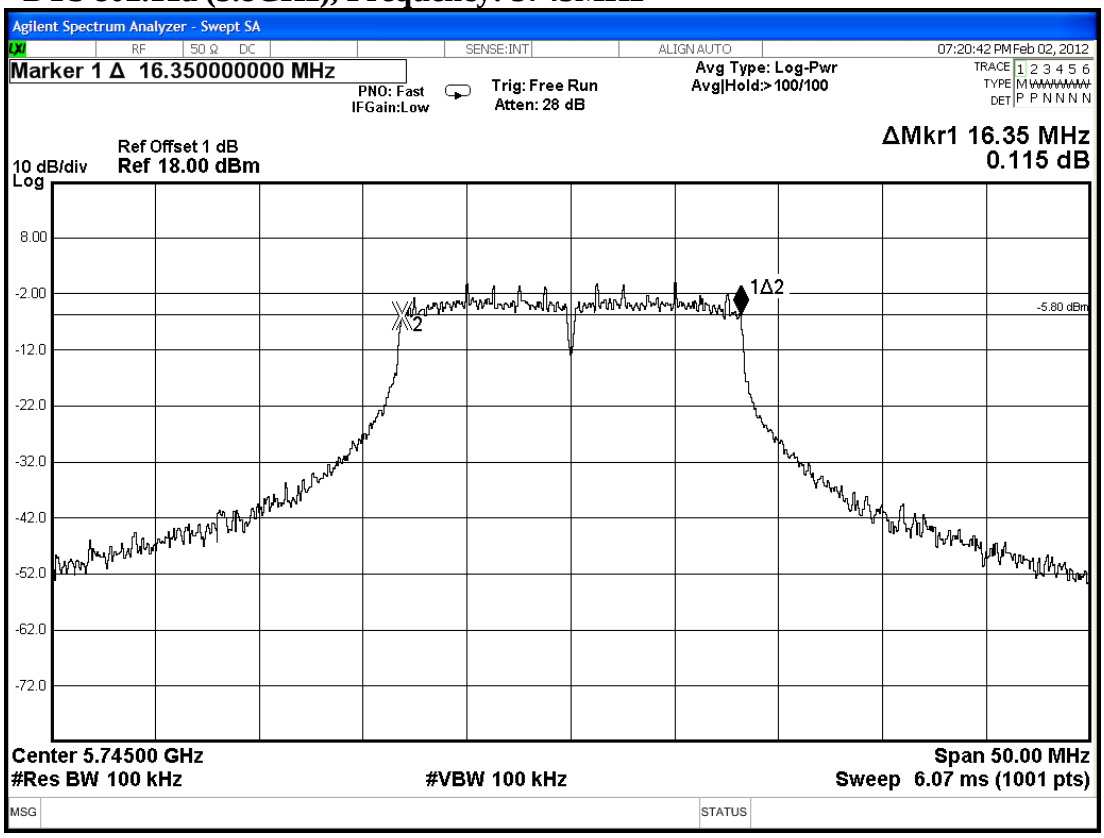
DTS 802.11g (2.4GHz), Frequency: 2437MHz



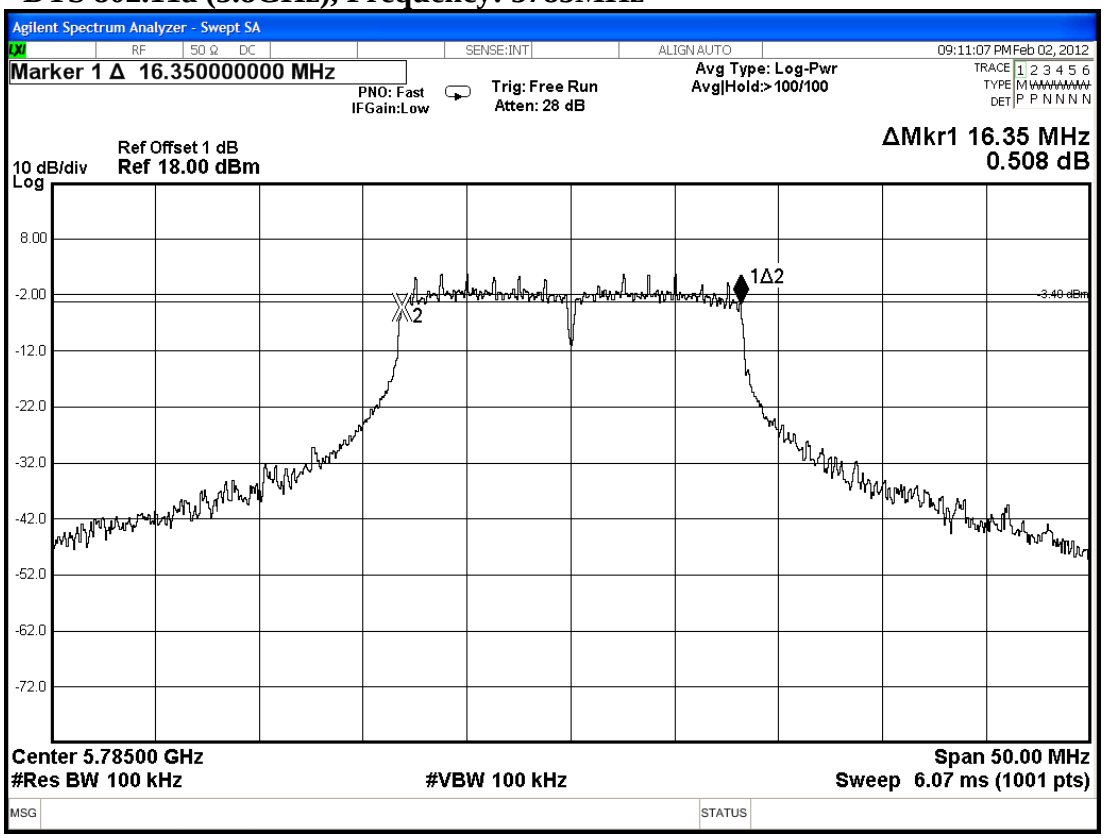
DTS 802.11g (2.4GHz), Frequency: 2462MHz



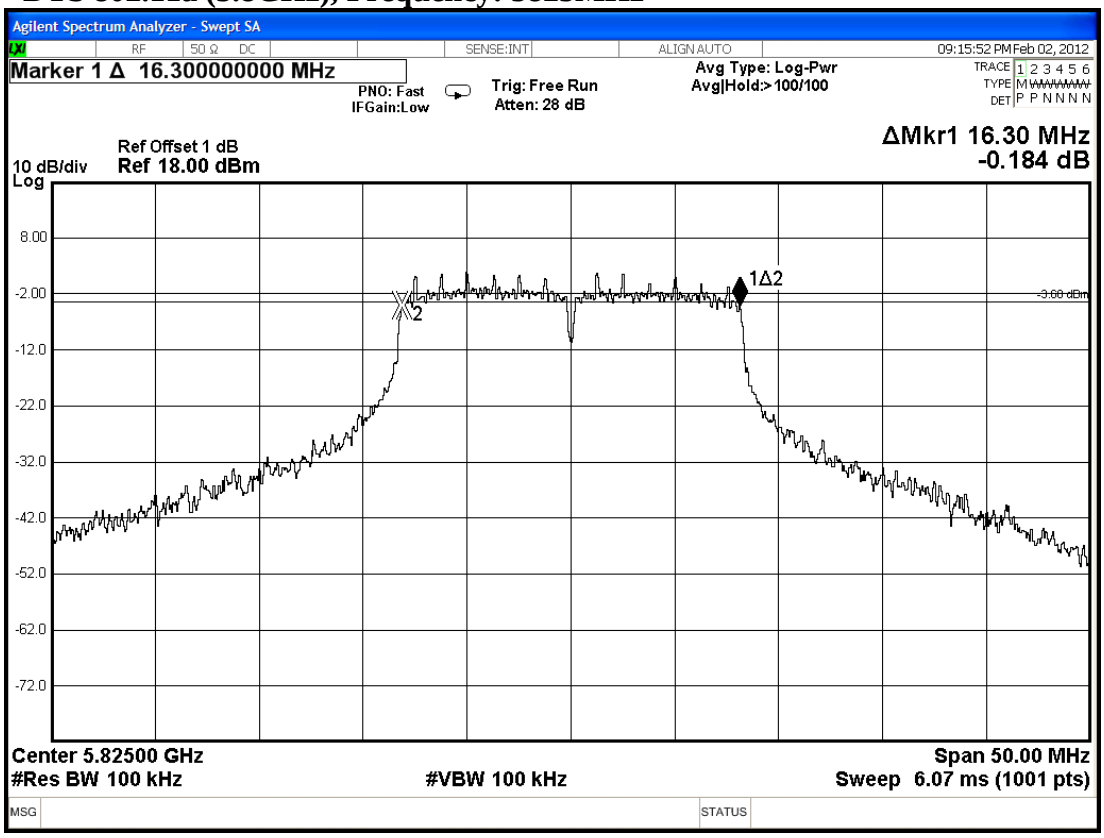
DTS 802.11a (5.8GHz), Frequency: 5745MHz



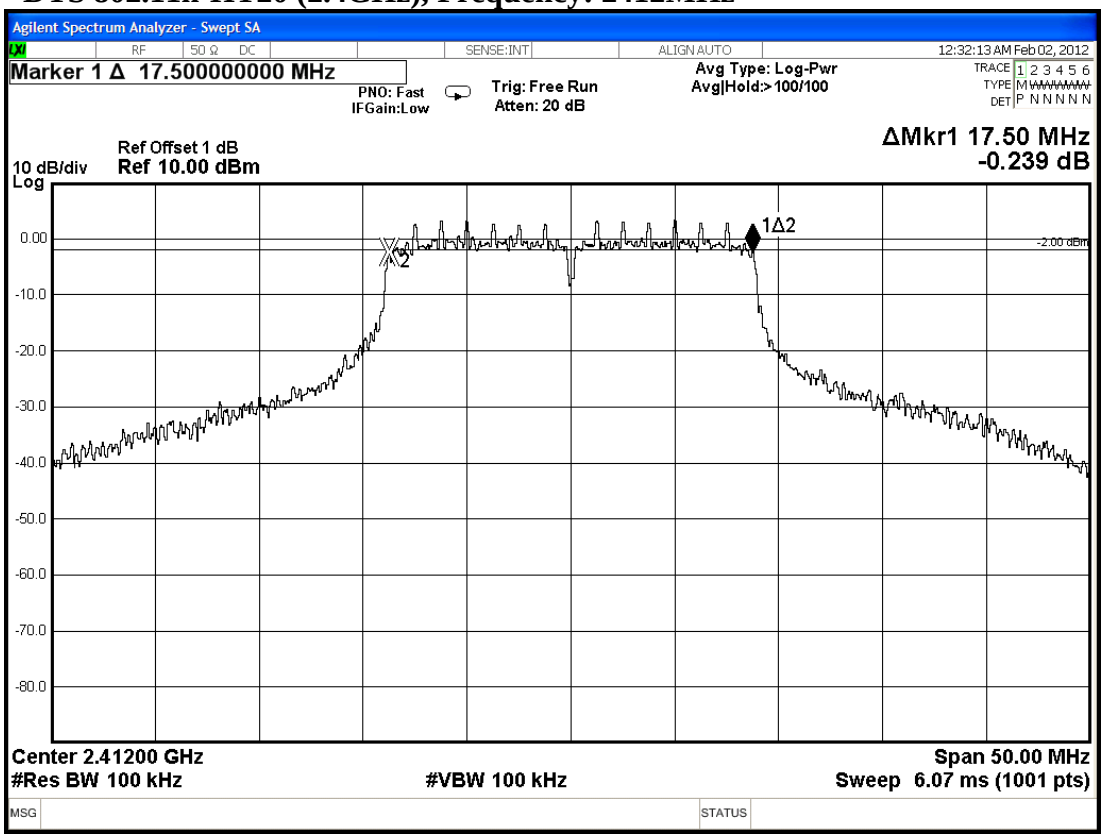
DTS 802.11a (5.8GHz), Frequency: 5785MHz



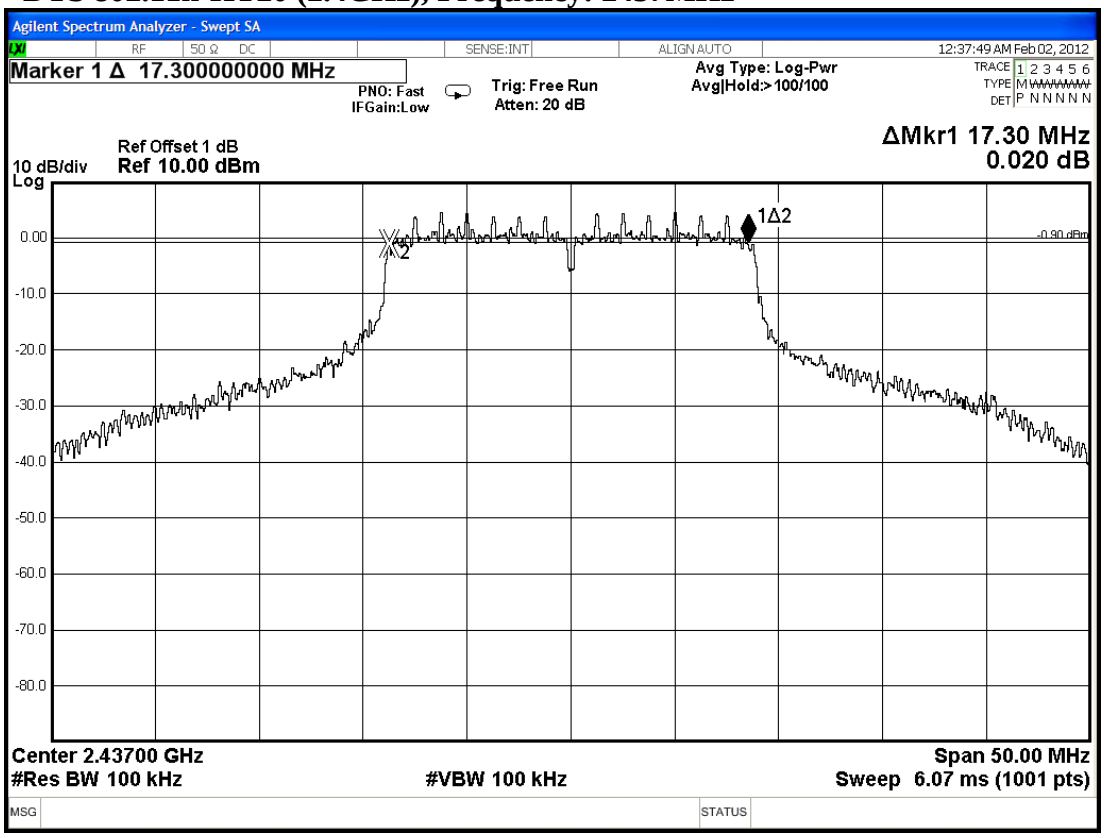
DTS 802.11a (5.8GHz), Frequency: 5825MHz



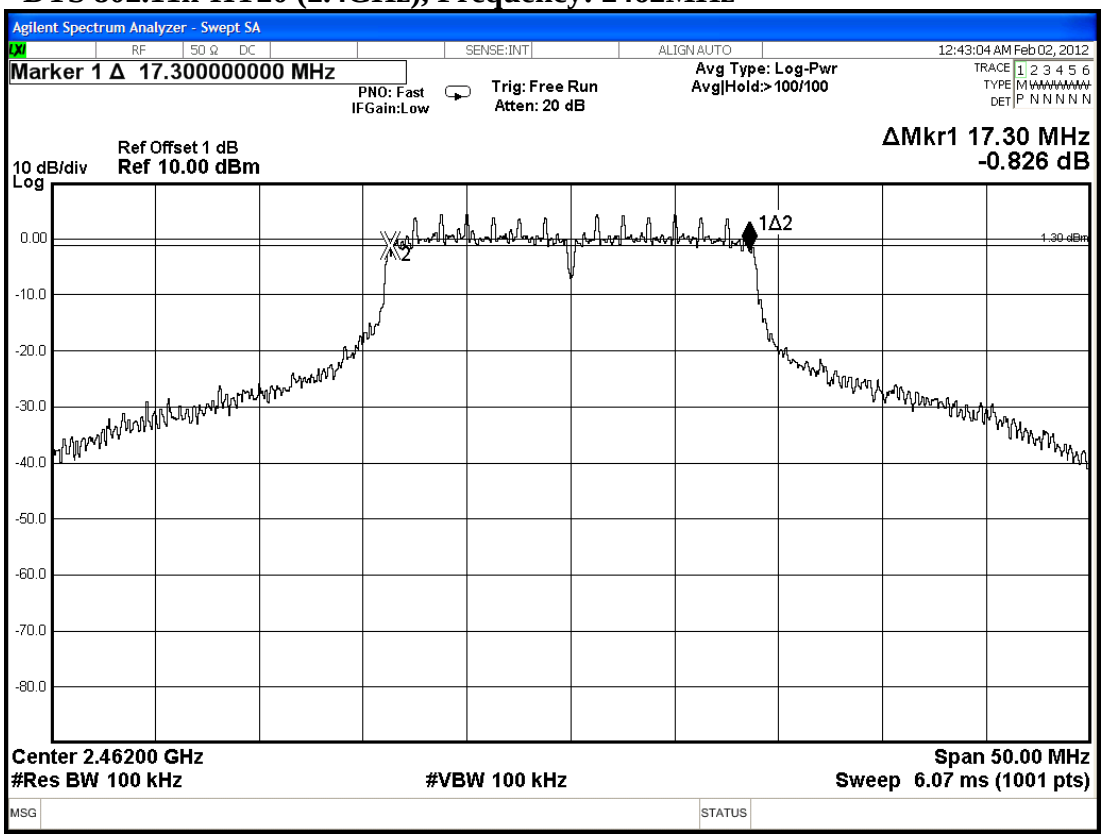
DTS 802.11n-HT20 (2.4GHz), Frequency: 2412MHz



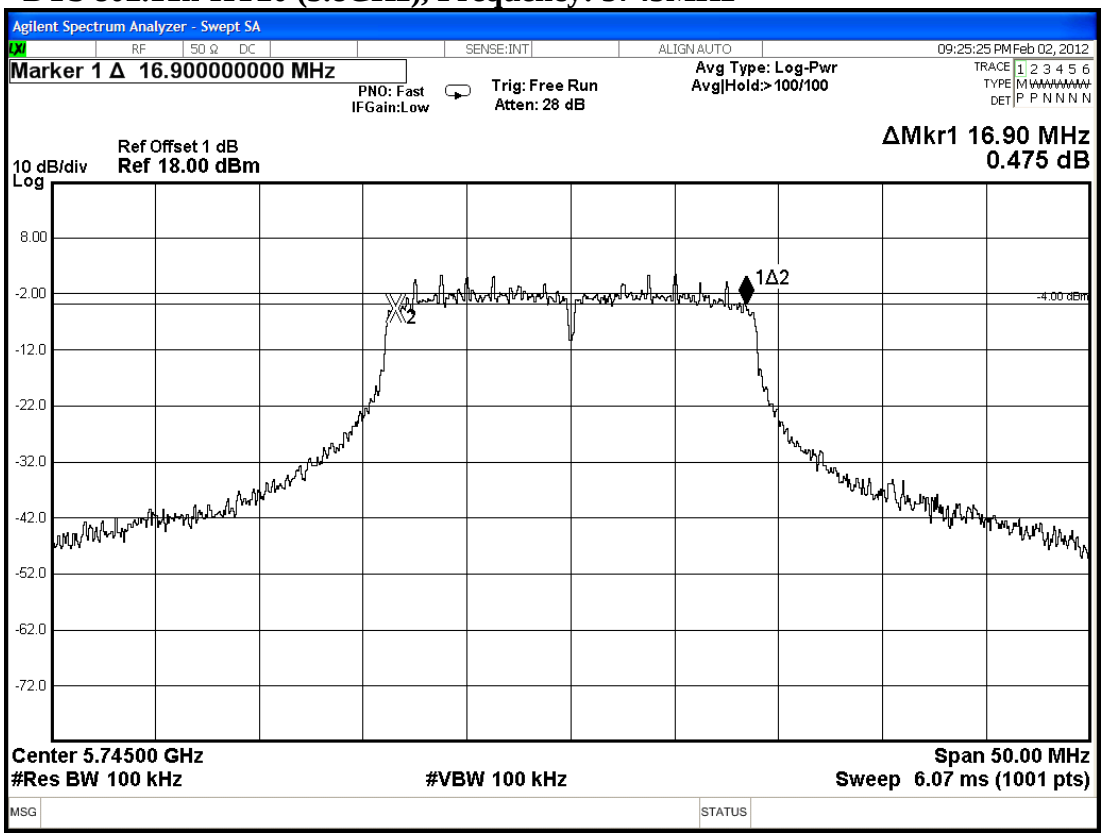
DTS 802.11n-HT20 (2.4GHz), Frequency: 2437MHz



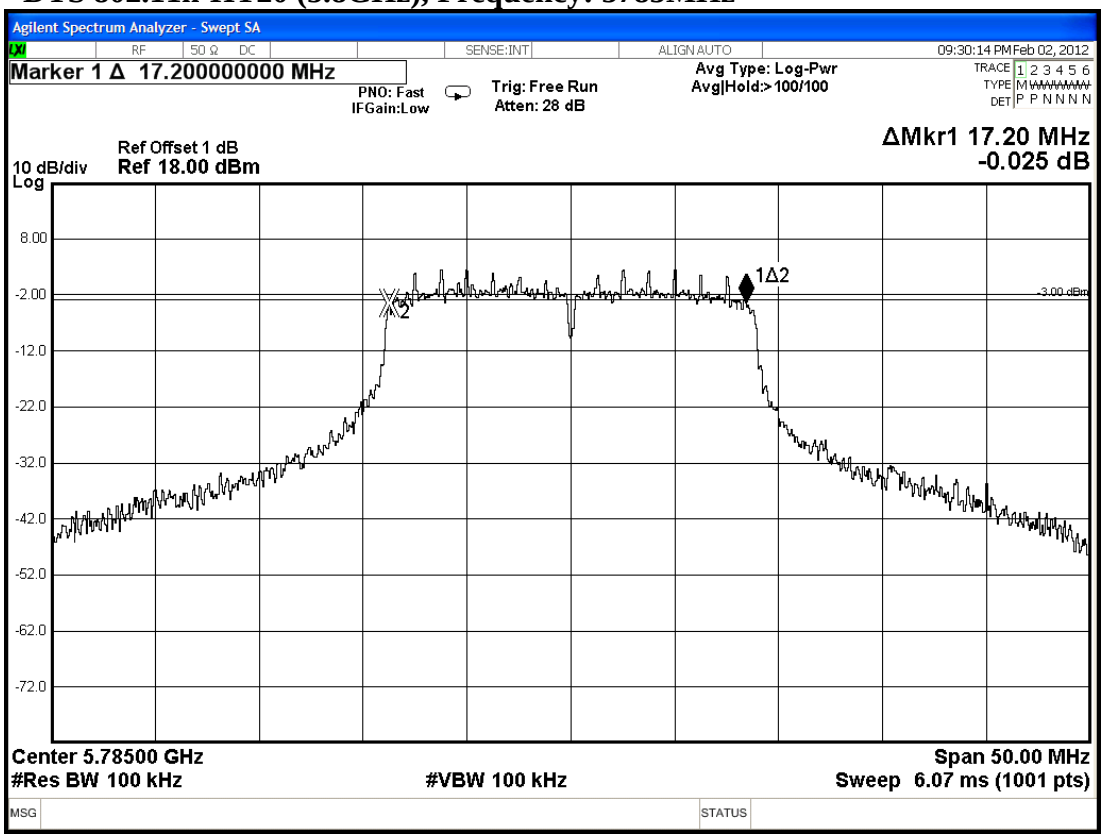
DTS 802.11n-HT20 (2.4GHz), Frequency: 2462MHz



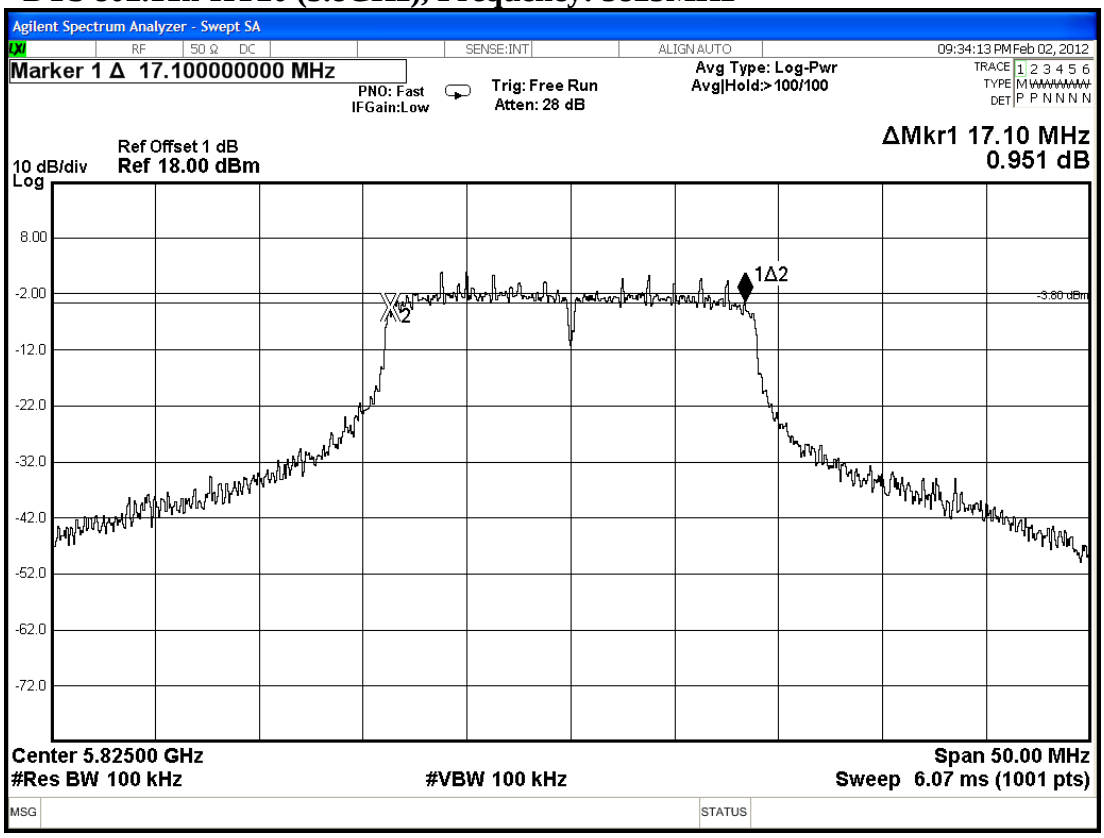
DTS 802.11n-HT20 (5.8GHz), Frequency: 5745MHz



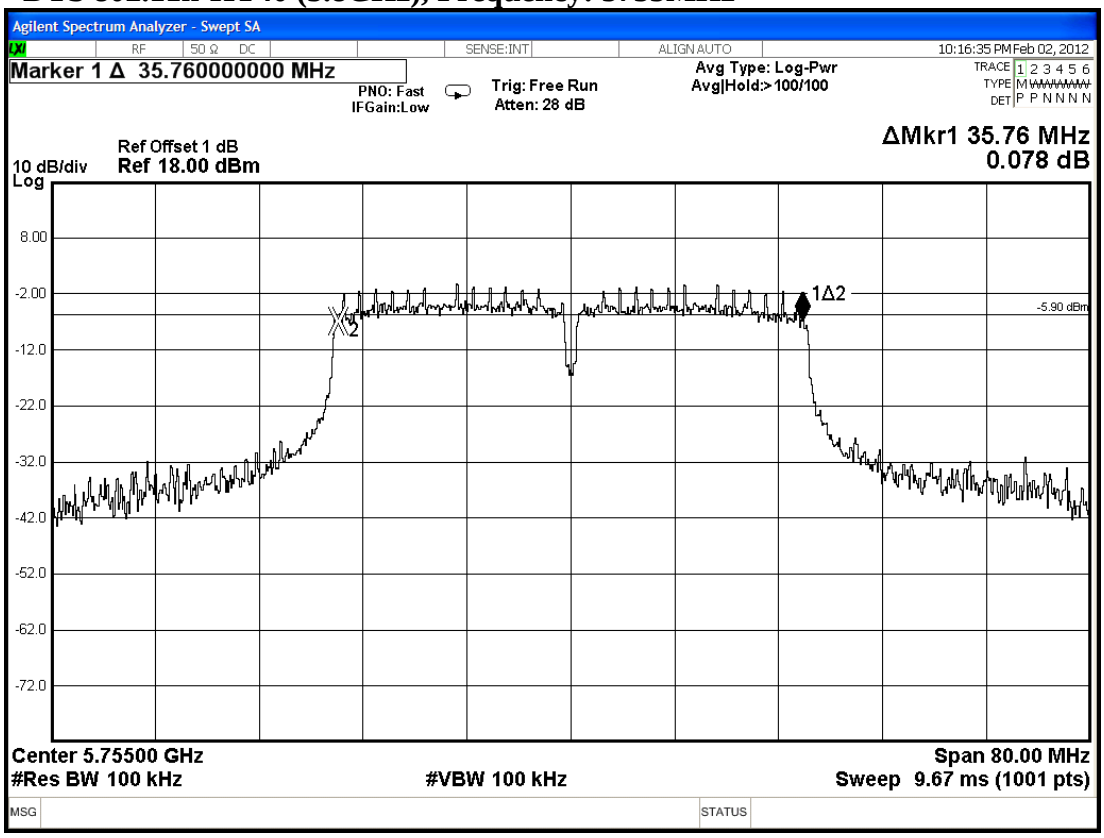
DTS 802.11n-HT20 (5.8GHz), Frequency: 5785MHz



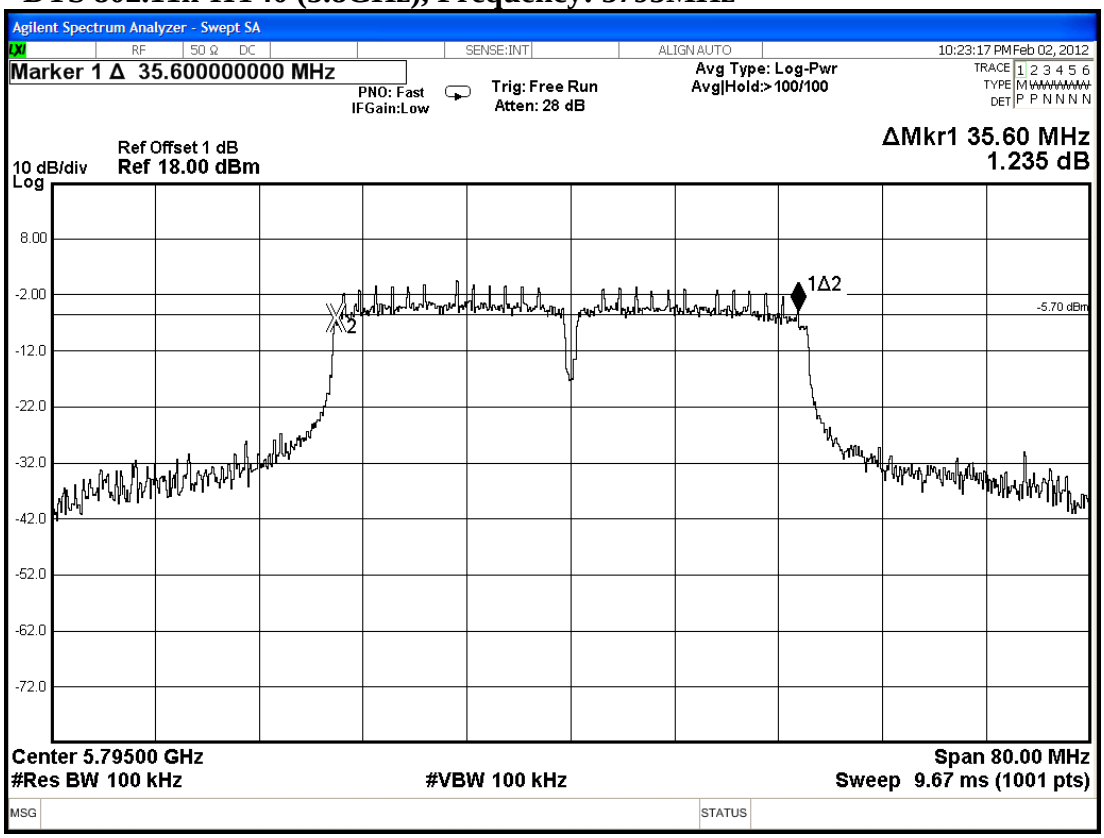
DTS 802.11n-HT20 (5.8GHz), Frequency: 5825MHz



DTS 802.11n-HT40 (5.8GHz), Frequency: 5755MHz



DTS 802.11n-HT40 (5.8GHz), Frequency: 5795MHz



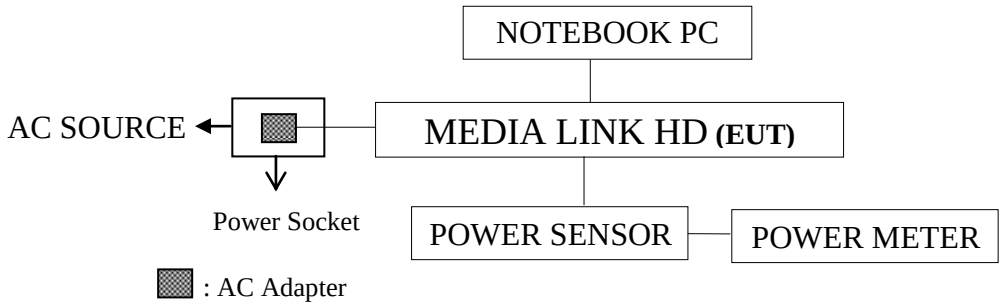
5. MAXIMUM PEAK OUTPUT POWER MEASUREMENT

5.1. Test Equipment

The following test equipment was used during the maximum peak output power measurement:

Item	Type	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
1.	Power Meter	Anritsu	ML2495A	1145008	Nov. 11, 11'	Nov. 10, 12'
2.	Power Sensor	Anritsu	MA2411B	1126096	Oct. 24, 11'	Oct. 23, 12'

5.2. Block Diagram of Test Setup



5.3. Specification Limits [§15.247(b)-(3), RSS-210 §A8.4 (4)]

The Limits of maximum Peak Output Power for digital modulation in 2400-2483.5MHz & 5725-5850MHz is : 1Watt. (30dBm)

5.4. Operating Condition of EUT

The test program "hyper terminal" was used to enable the EUT to transmit data at different channel frequency individually.

5.5. Test Procedure

The transmitter output was connected to the power sensor and record the reading of power meter.

The measurement guideline was according to 558074.

5.6. Test Results

PASSED. All the test results are listed below.

Test Date : Feb. 01, 2012 Temperature : 25℃ Humidity : 51%

Mode	Type of Network	Channel	Frequency	**Peak Output Power (dBm)**
1.	DTS 802.11b (2.4GHz)	CH 1	2412MHz	**18.03**
2.		CH 6	2437MHz	**18.43**
3.		CH 11	2462MHz	**18.95**
4.	DTS 802.11g (2.4GHz)	CH 1	2412MHz	**20.05**
5.		CH 6	2437MHz	**22.70**
6.		CH 11	2462MHz	**19.55**
4.	DTS 802.11a (5.8GHz)	CH 149	5745MHz	**22.08**
5.		CH 157	5785MHz	**21.86**
6.		CH 165	5825MHz	**20.80**
7.	DTS 802.11n-HT20 (2.4GHz)	CH 1	2412MHz	**19.96**
8.		CH 6	2437MHz	**22.59**
9.		CH 11	2462MHz	**19.67**
10.	DTS 802.11n-HT20 (5.8GHz)	CH 149	5745MHz	**21.86**
11.		CH 157	5785MHz	**21.44**
12.		CH 165	5825MHz	**21.83**
13.	DTS 802.11n-HT40 (5.8GHz)	CH 151	5755MHz	**21.91**
14.		CH 159	5795MHz	**21.58**

[Limit: 1Watt. (30dBm)]

6. EMISSION LIMITATIONS MEASUREMENT

6.1. Test Equipment

The following test equipment was used during the emission limitations test：

Item	Type	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
1.	Spectrum Analyzer	Agilent	N9030A-544	US51350140	Oct. 14, 11’	Oct. 13, 12’

6.2. Block Diagram of Test Setup

The same as section.4.2.

6.3. Specification Limits [§15.247(c), RSS-210 §A8.5]

In any 100kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20dB below that in the 100kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement. Attenuation below the general limits specified in Section 15.209(a) is not required. In addition, radiated emissions which fall in restricted bands, as defined in Section 15.205(a), must also comply with the radiated emission limits specified in Section 15.209(a) (See Section 15.205(c)).(※ This test result attaching to §3.6.3)

6.4. Operating Condition of EUT

The test program “hyper terminal” was used to enable the EUT to transmit data at different channel frequency individually.

6.5. Test Procedure

The transmitter output was connected to the spectrum analyzer. The bandwidth of the fundamental frequency was measure by spectrum analyzer with 100kHz RBW and 100kHz VBW.

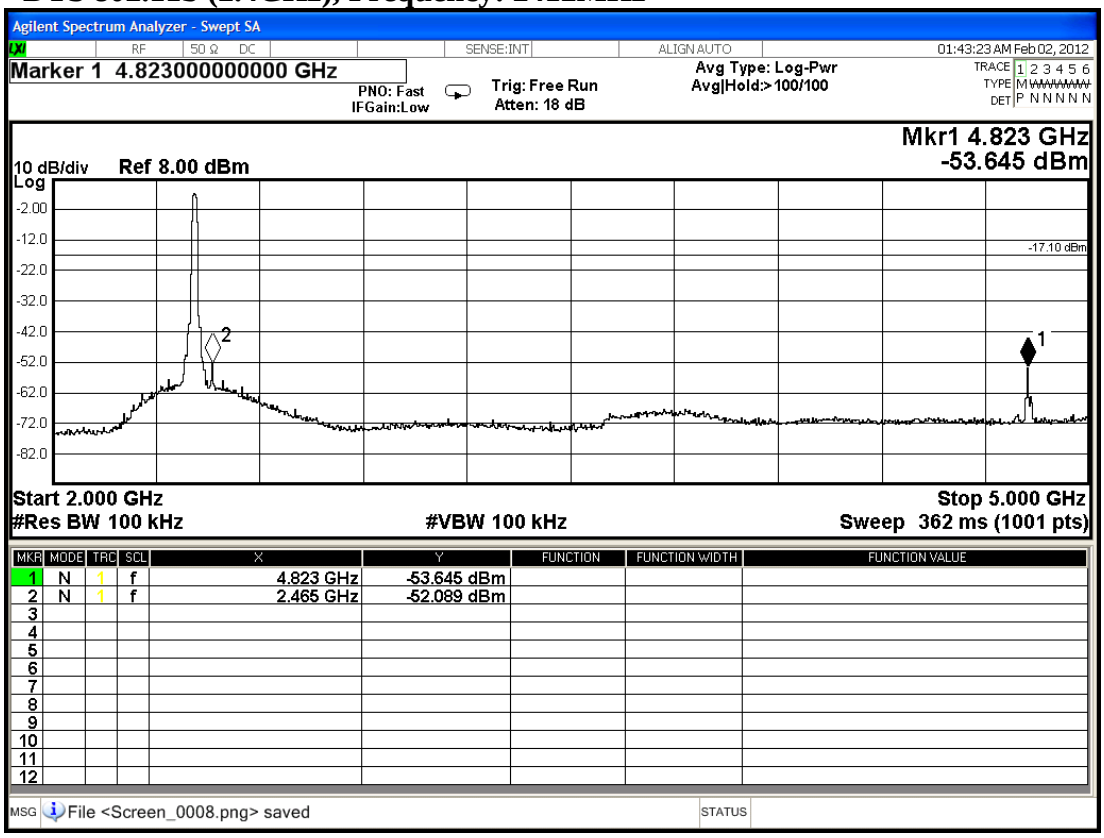
The measurement guideline was according to 558074

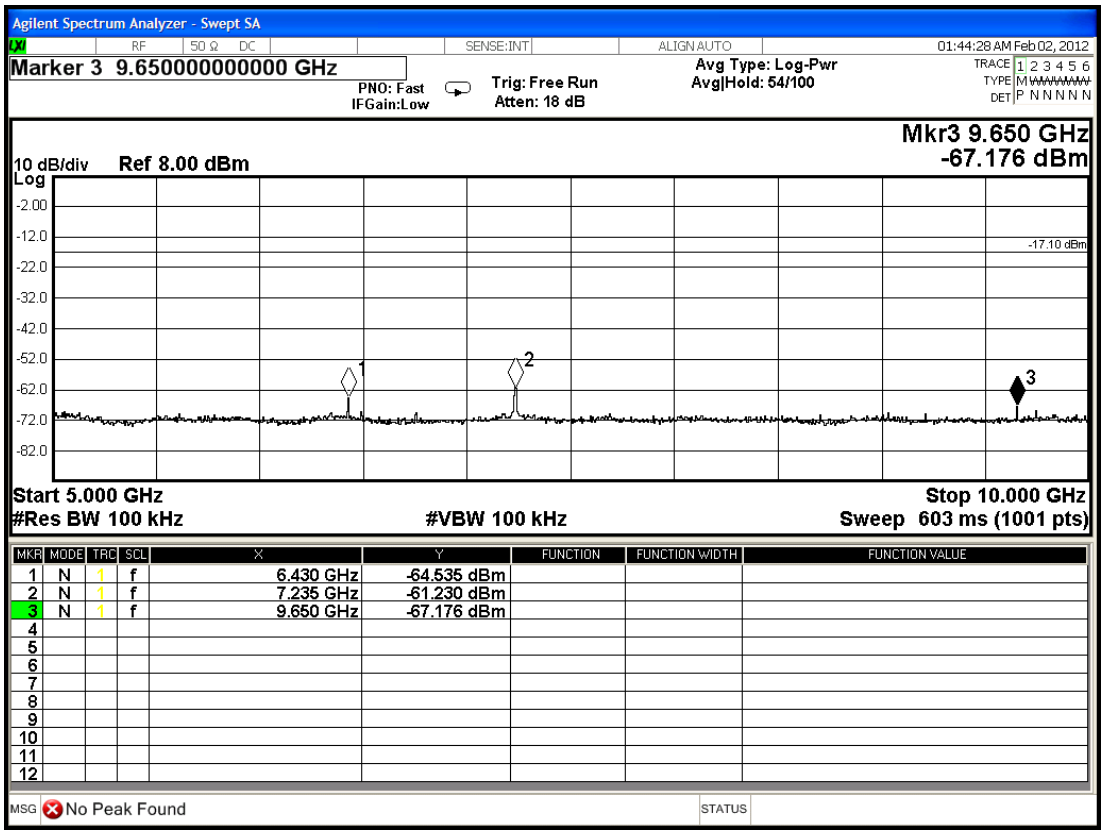
6.6. Test Results

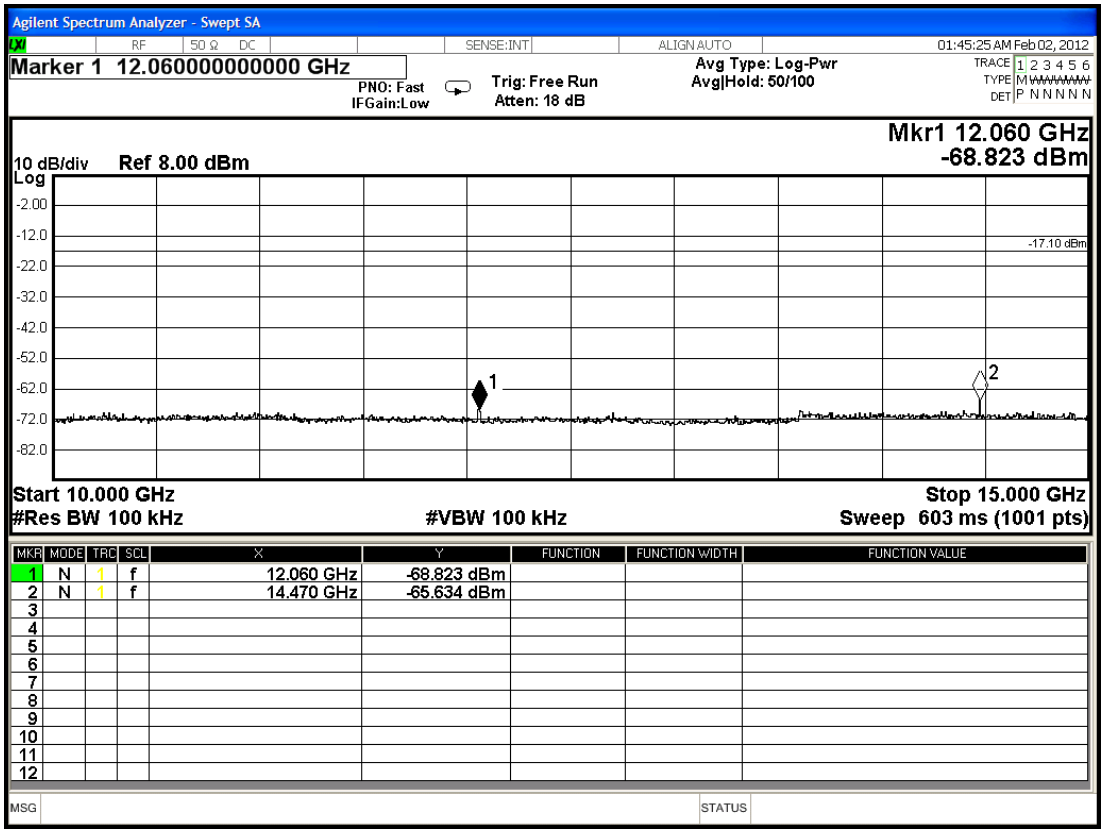
PASSED. The testing data was attached in the next pages.

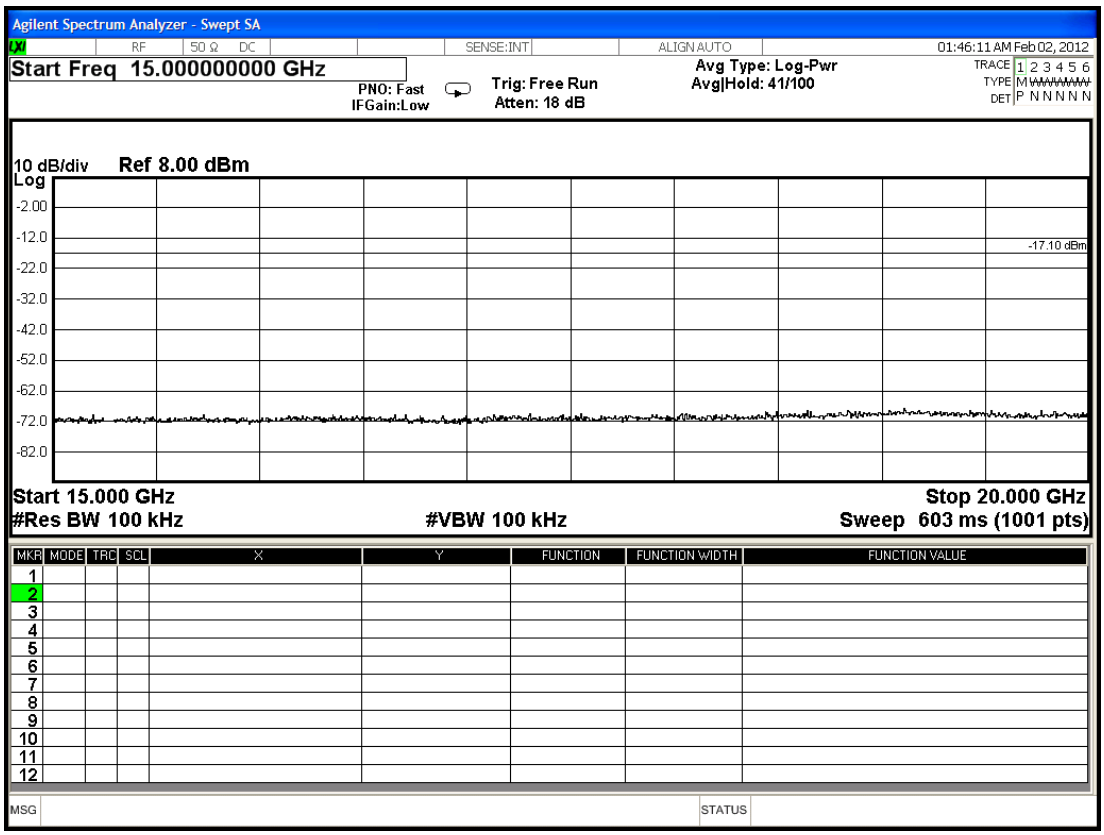
Test Date : Feb. 02, 2012 Temperature : 24℃ Humidity : 52%

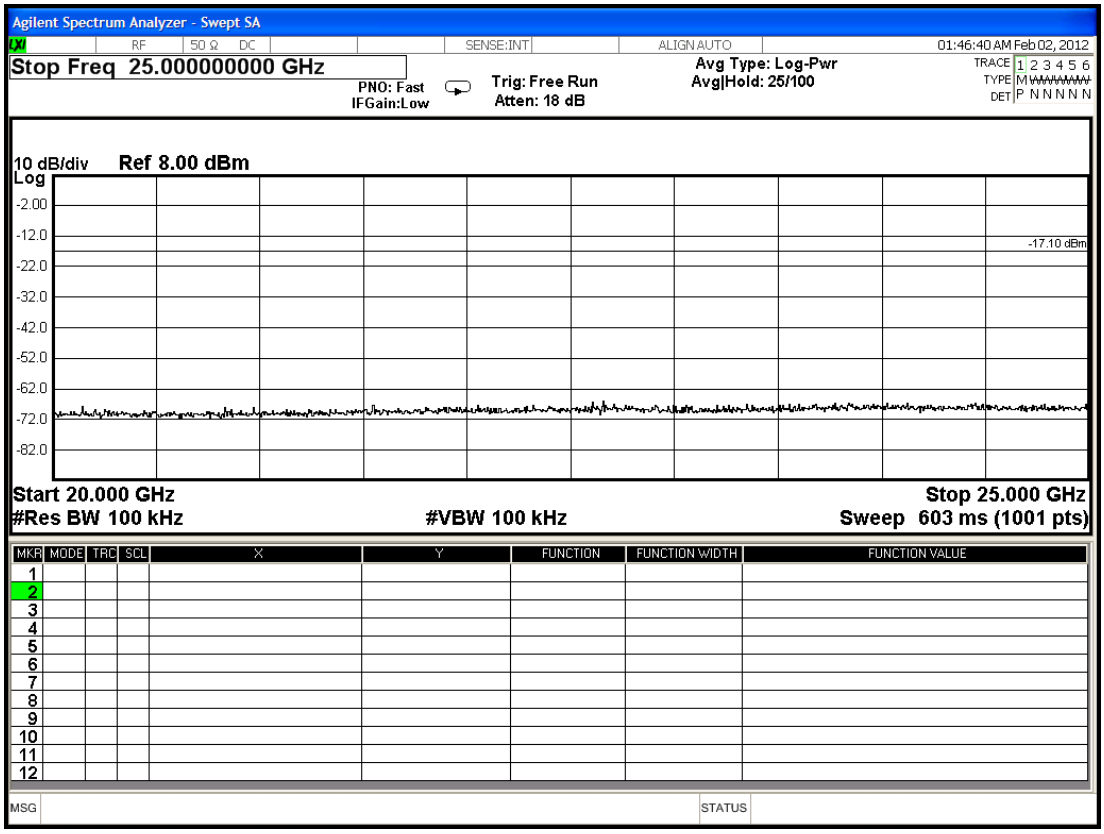
DTS 802.11b (2.4GHz), Frequency: 2412MHz

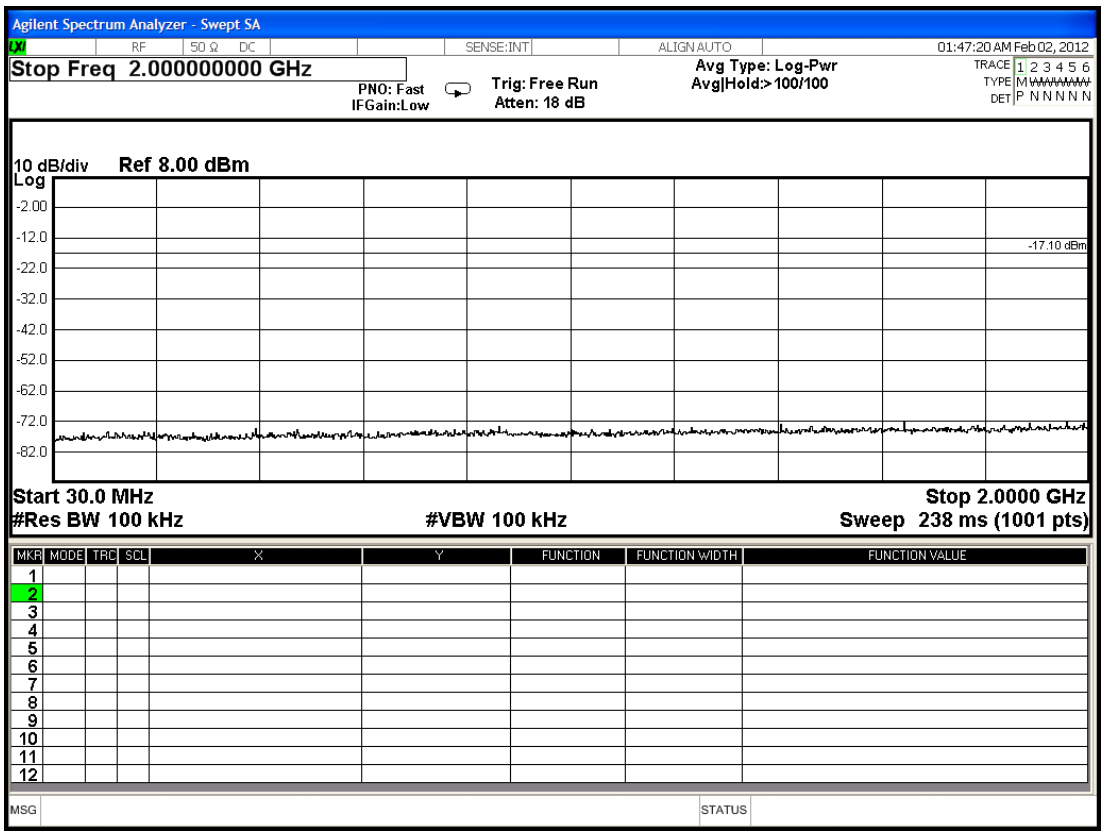




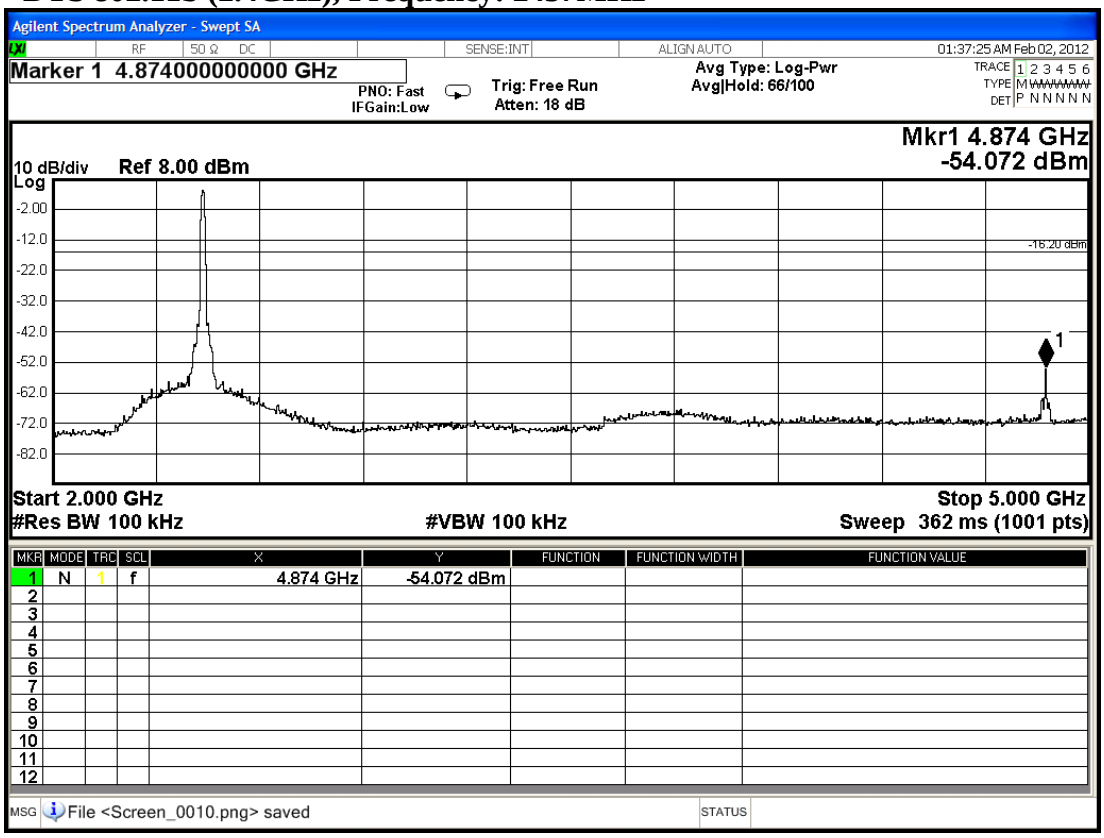

Agilent Spectrum Analyzer - Swept SA
RF
50 Ω DC
SENSE:INT
ALIGN AUTO
01:45:25 AM Feb 02, 2012
Marker 1 12.060000000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
Atten: 18 dB
Avg Type: Log-Pwr
Avg|Hold: 50/100
TRACE 1 2 3 4 5 6
TYPE M WWWWW
DET P N N N N N
Mkr1 12.060 GHz
-68.823 dBm
10 dB/div
Log
Ref 8.00 dBm
-2.00
-12.0
-22.0
-32.0
-42.0
-52.0
-62.0
-72.0
-82.0
-17.10 dBm
1
2
Start 10.000 GHz
#Res BW 100 kHz
#VBW 100 kHz
Stop 15.000 GHz
Sweep 603 ms (1001 pts)
MKR MODE TRC SCL X Y FUNCTION FUNCTION WIDTH FUNCTION VALUE
1 N 1 f 12.060 GHz -68.823 dBm
2 N 1 f 14.470 GHz -65.634 dBm
MSG
STATUS

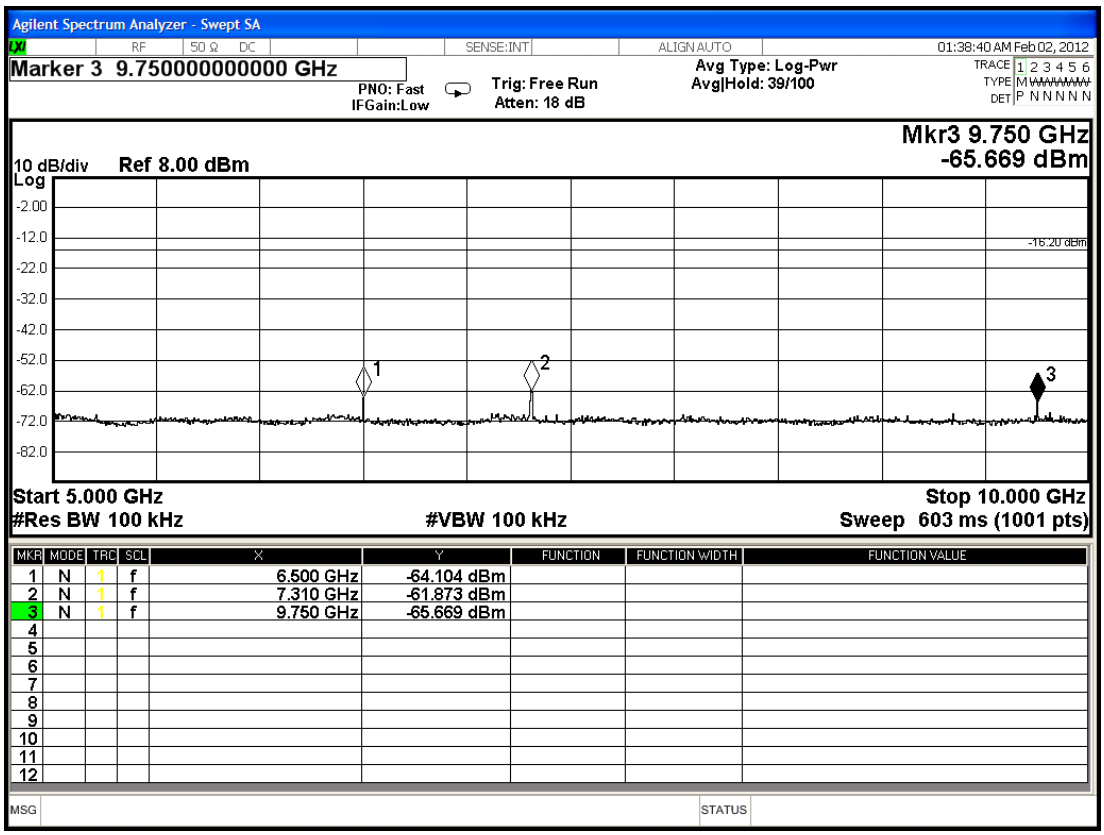

Agilent Spectrum Analyzer - Swept SA
RF
50 Ω DC
SENSE:INT
ALIGN AUTO
01:46:11 AM Feb 02, 2012
Start Freq 15.000000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
Atten: 18 dB
Avg Type: Log-Pwr
Avg|Hold: 41/100
TRACE 1 2 3 4 5 6
TYPE M WWWWW
DET P N N N N N
10 dB/div
Log
Ref 8.00 dBm
-2.00
-12.0
-22.0
-32.0
-42.0
-52.0
-62.0
-72.0
-82.0
-17.10 dBm
Start 15.000 GHz
#Res BW 100 kHz
#VBW 100 kHz
Stop 20.000 GHz
Sweep 603 ms (1001 pts)
MKR MODE TRC SCL X Y FUNCTION FUNCTION WIDTH FUNCTION VALUE
MSG
STATUS

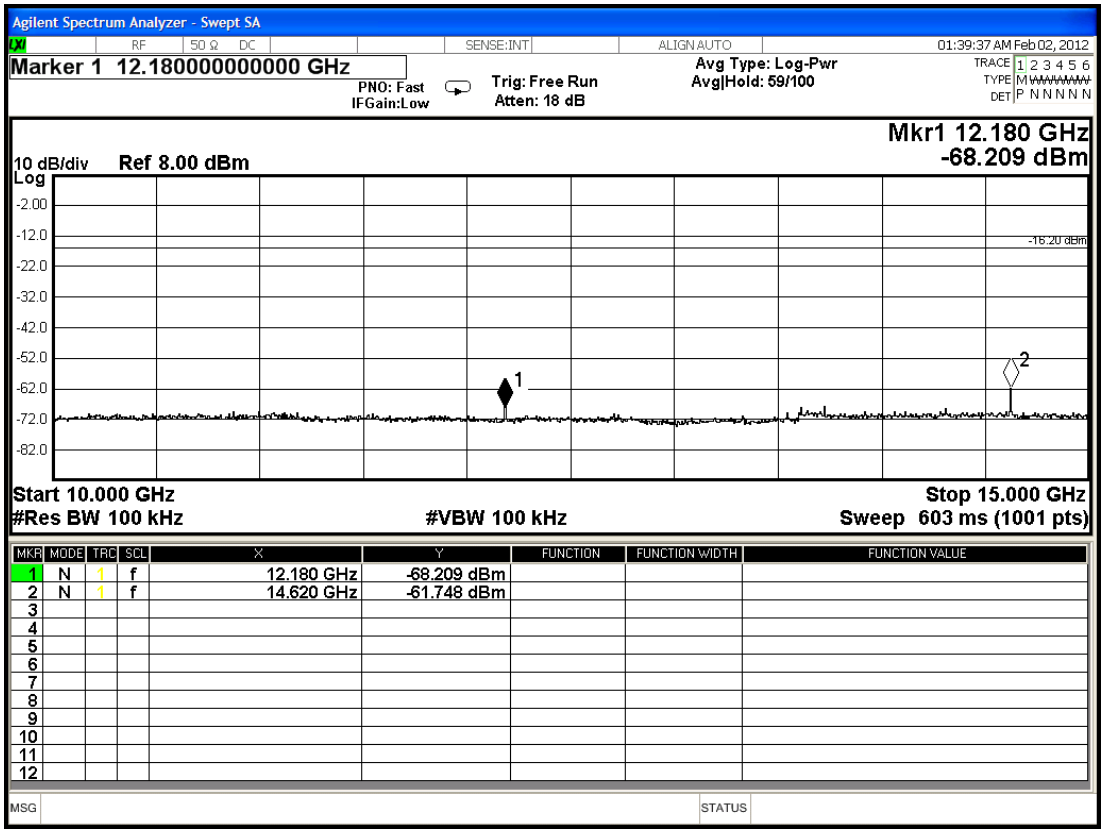

Agilent Spectrum Analyzer - Swept SA
RF
50 Ω DC
SENSE:INT
ALIGN AUTO
01:46:40 AM Feb 02, 2012
Stop Freq 25.000000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
Atten: 18 dB
Avg Type: Log-Pwr
Avg|Hold: 25/100
TRACE 1 2 3 4 5 6
TYPE M WWWWW
DET P N N N N N
10 dB/div
Log
Ref 8.00 dBm
-2.00
-12.0
-22.0
-32.0
-42.0
-52.0
-62.0
-72.0
-82.0
-17.10 dBm
Start 20.000 GHz
#Res BW 100 kHz
#VBW 100 kHz
Stop 25.000 GHz
Sweep 603 ms (1001 pts)
MKR MODE TRC SCL X Y FUNCTION FUNCTION WIDTH FUNCTION VALUE
1
2
3
4
5
6
7
8
9
10
11
12
MSG
STATUS

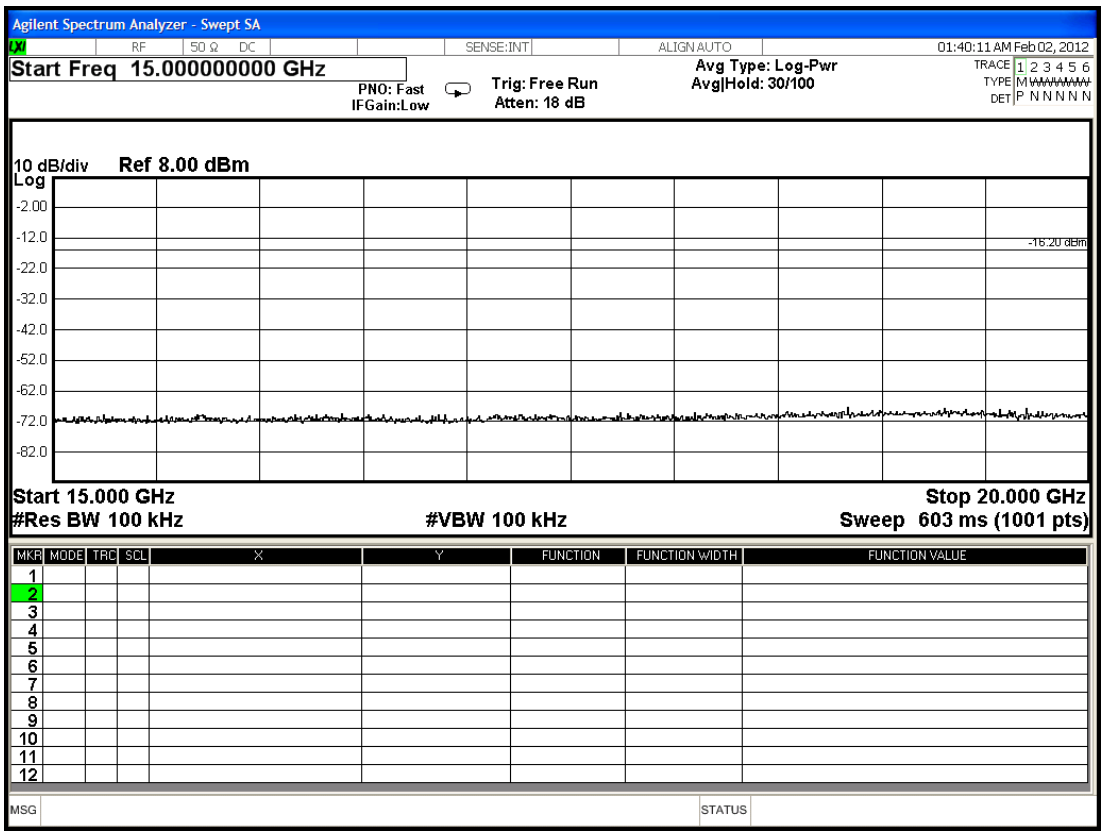

Agilent Spectrum Analyzer - Swept SA
RF
50 Ω DC
SENSE:INT
ALIGN AUTO
01:47:20 AM Feb 02, 2012
Stop Freq 2.000000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
Atten: 18 dB
Avg Type: Log-Pwr
Avg|Hold:>100/100
TRACE 1 2 3 4 5 6
TYPE M WWWWW
DET P N N N N N
10 dB/div
Log
Ref 8.00 dBm
-2.00
-12.0
-22.0
-32.0
-42.0
-52.0
-62.0
-72.0
-82.0
-17.10 dBm
Start 30.0 MHz
#Res BW 100 kHz
#VBW 100 kHz
Stop 2.0000 GHz
Sweep 238 ms (1001 pts)
MKR MODE TRC SCL X Y FUNCTION FUNCTION WIDTH FUNCTION VALUE
1
2
3
4
5
6
7
8
9
10
11
12
MSG
STATUS

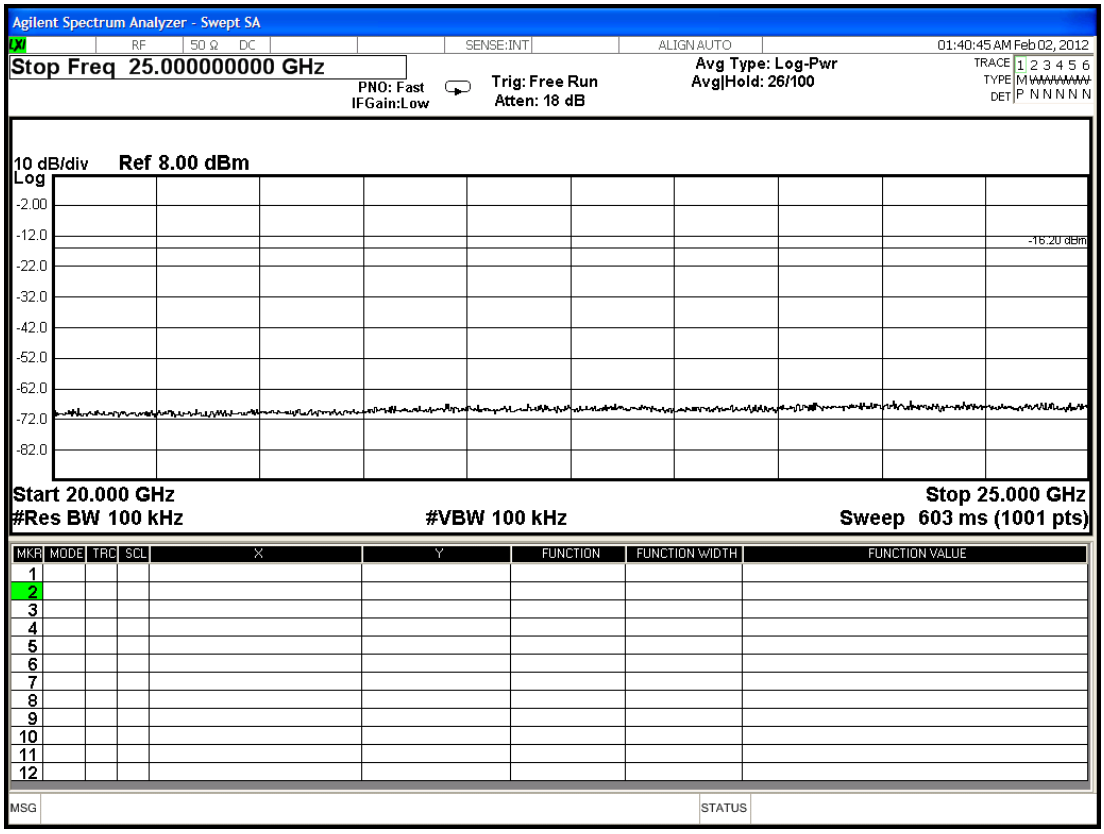
DTS 802.11b (2.4GHz), Frequency: 2437MHz

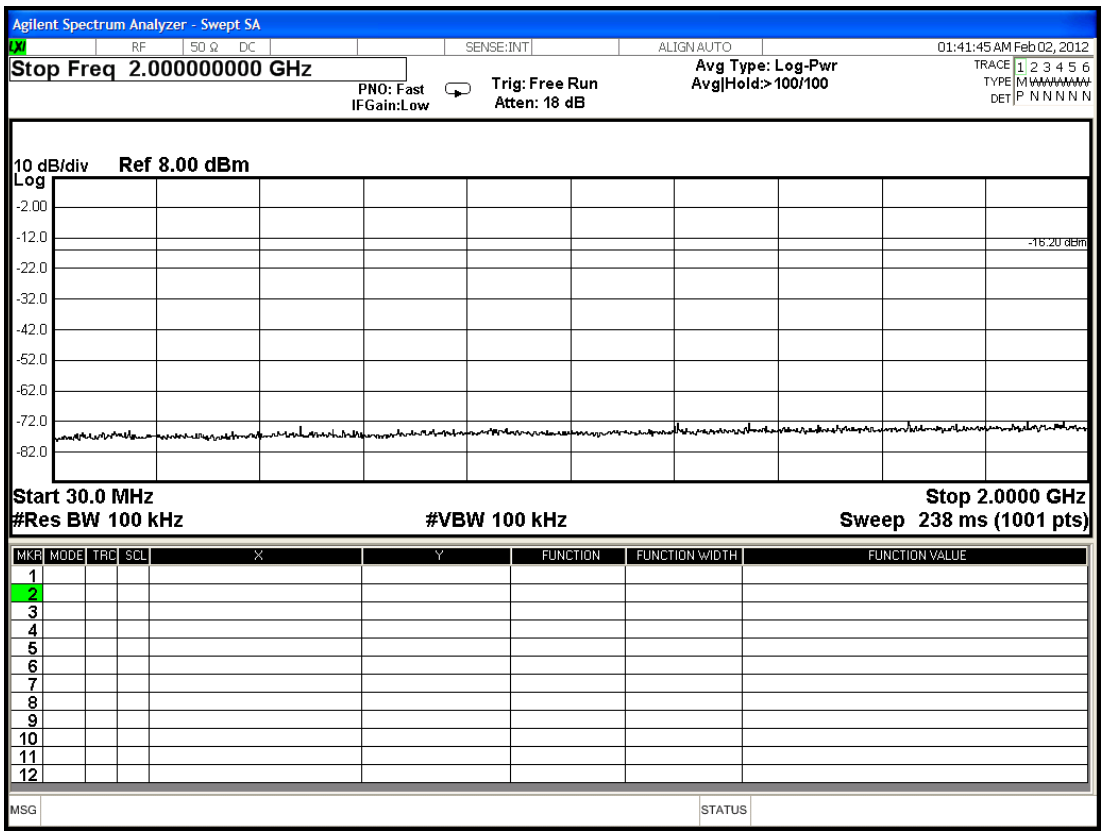




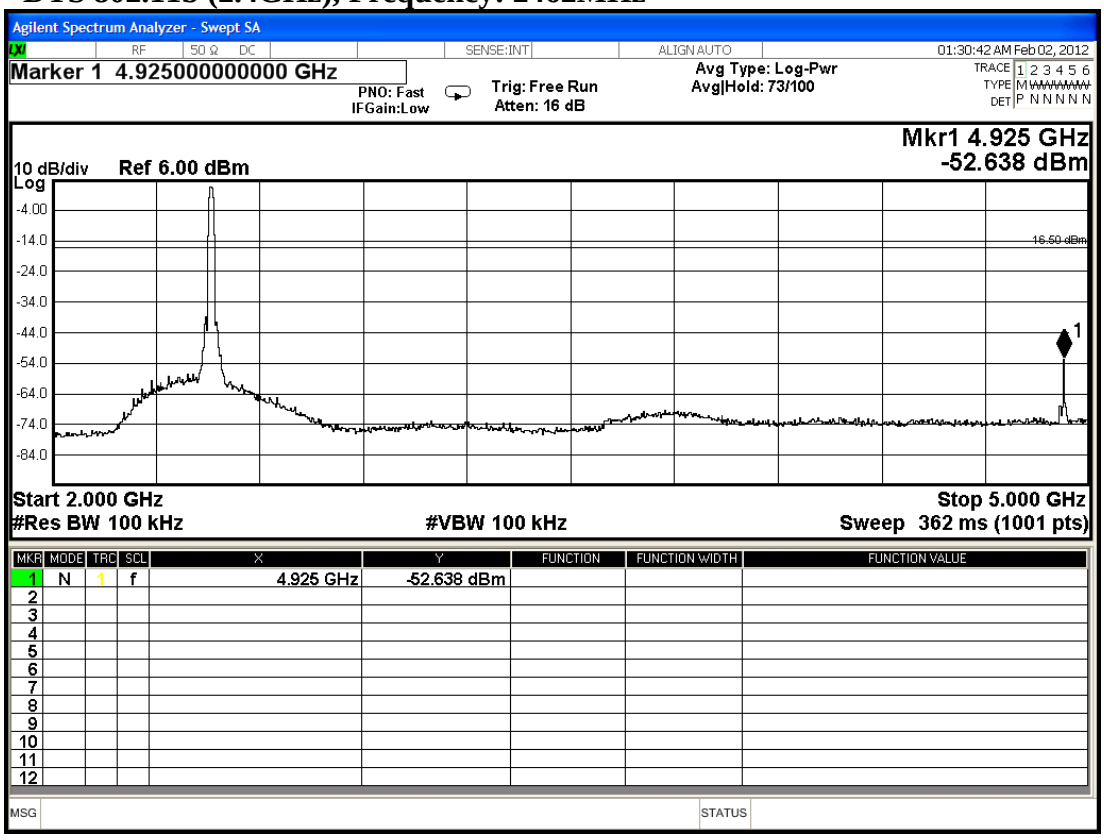

Agilent Spectrum Analyzer - Swept SA
RF
50 Ω DC
SENSE:INT
ALIGN AUTO
01:39:37 AM Feb 02, 2012
Marker 1 12.180000000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
Atten: 18 dB
Avg Type: Log-Pwr
Avg|Hold: 59/100
TRACE 1 2 3 4 5 6
TYPE M WWWWW
DET P N N N N N
Mkr1 12.180 GHz
-68.209 dBm
10 dB/div
Log
Ref 8.00 dBm
-2.00
-12.0
-22.0
-32.0
-42.0
-52.0
-62.0
-72.0
-82.0
-16.20 dBm
1
2
Start 10.000 GHz
#Res BW 100 kHz
#VBW 100 kHz
Stop 15.000 GHz
Sweep 603 ms (1001 pts)
MKR MODE TRC SCL X Y FUNCTION FUNCTION WIDTH FUNCTION VALUE
1 N 1 f 12.180 GHz -68.209 dBm
2 N 1 f 14.620 GHz -61.748 dBm
3
4
5
6
7
8
9
10
11
12
MSG
STATUS

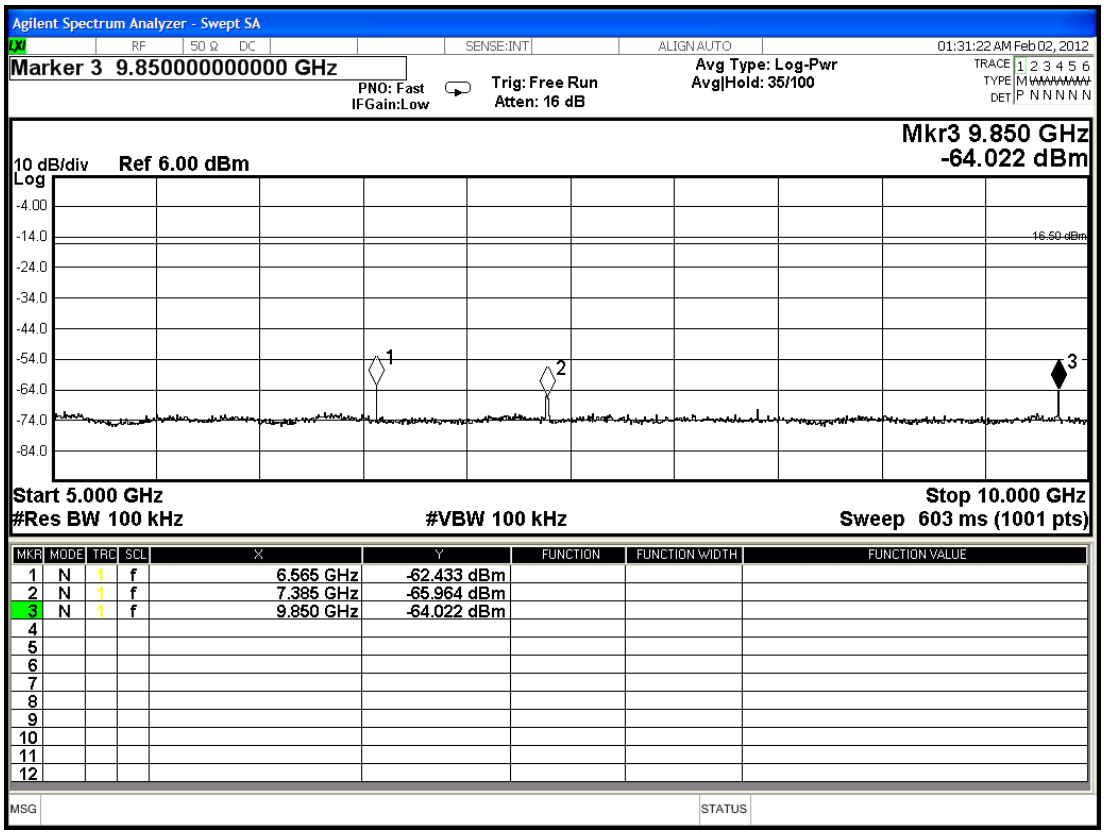

Agilent Spectrum Analyzer - Swept SA
RF
50 Ω DC
SENSE:INT
ALIGN AUTO
01:40:11 AM Feb 02, 2012
Start Freq 15.000000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
Atten: 18 dB
Avg Type: Log-Pwr
Avg|Hold: 30/100
TRACE 1 2 3 4 5 6
TYPE M WWWWW
DET P N N N N N
10 dB/div
Log
Ref 8.00 dBm
-2.00
-12.0
-22.0
-32.0
-42.0
-52.0
-62.0
-72.0
-82.0
-16.20 dBm
Start 15.000 GHz
#Res BW 100 kHz
#VBW 100 kHz
Stop 20.000 GHz
Sweep 603 ms (1001 pts)
MKR MODE TRC SCL X Y FUNCTION FUNCTION WIDTH FUNCTION VALUE
1
2
3
4
5
6
7
8
9
10
11
12
MSG
STATUS

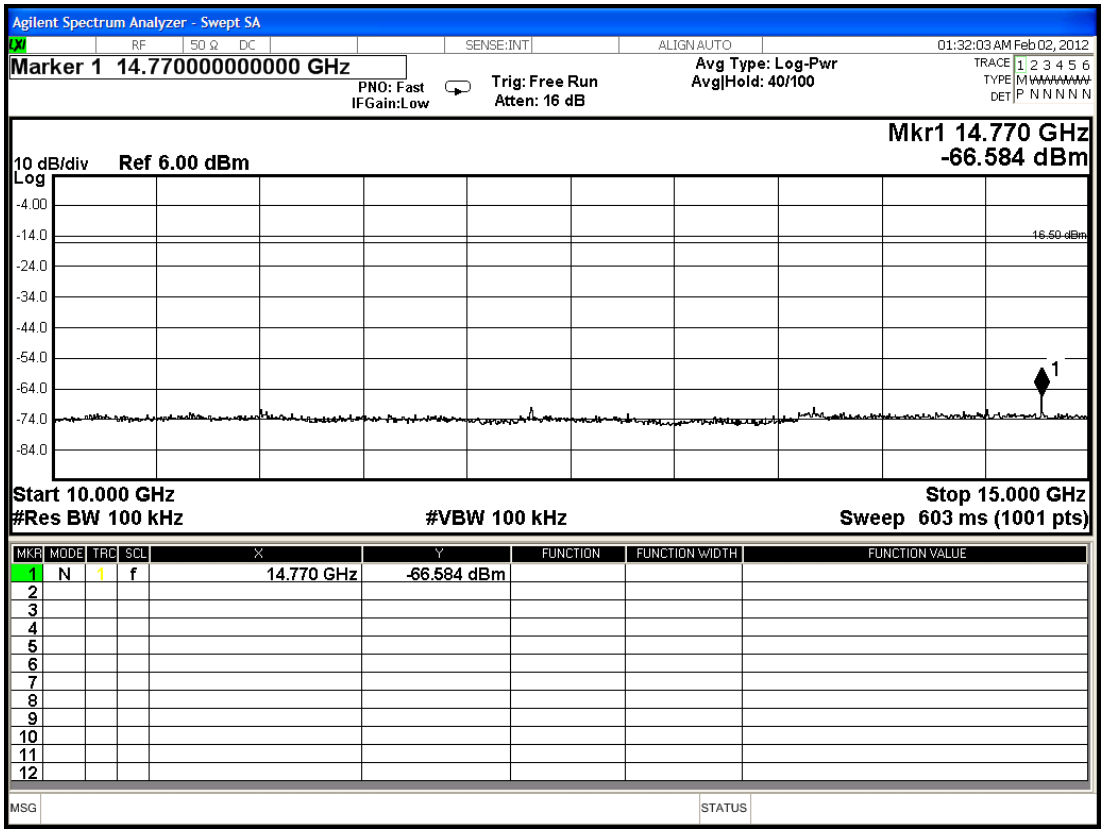

Agilent Spectrum Analyzer - Swept SA
RF
50 Ω DC
SENSE:INT
ALIGN AUTO
01:40:45 AM Feb 02, 2012
Stop Freq 25.000000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
Atten: 18 dB
Avg Type: Log-Pwr
Avg|Hold: 26/100
TRACE 1 2 3 4 5 6
TYPE M WWWWW
DET P N N N N N
10 dB/div
Log
Ref 8.00 dBm
-2.00
-12.0
-22.0
-32.0
-42.0
-52.0
-62.0
-72.0
-82.0
-16.20 dBm
Start 20.000 GHz
#Res BW 100 kHz
#VBW 100 kHz
Stop 25.000 GHz
Sweep 603 ms (1001 pts)
MKR MODE TRC SCL X Y FUNCTION FUNCTION WIDTH FUNCTION VALUE
1
2
3
4
5
6
7
8
9
10
11
12
MSG
STATUS

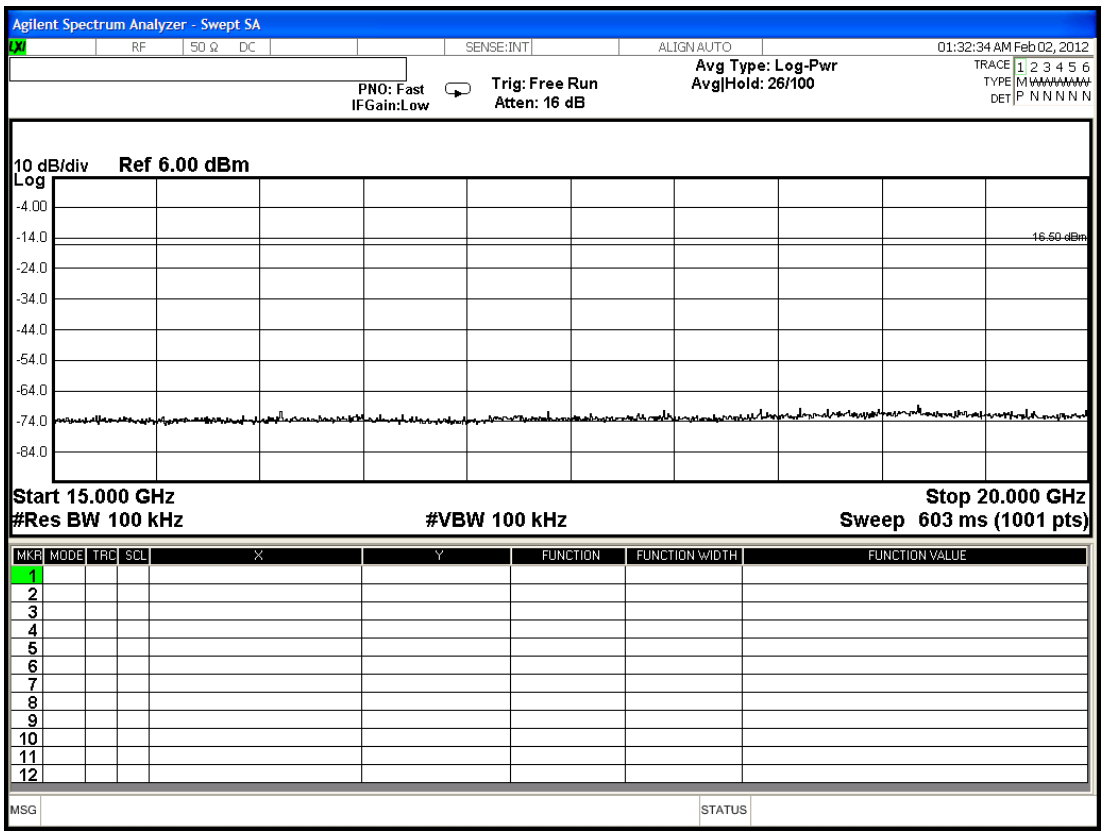

Agilent Spectrum Analyzer - Swept SA
RF
50 Ω DC
SENSE:INT
ALIGN AUTO
01:41:45 AM Feb 02, 2012
Stop Freq 2.000000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
Atten: 18 dB
Avg Type: Log-Pwr
Avg|Hold:>100/100
TRACE 1 2 3 4 5 6
TYPE M WWWWW
DET P N N N N N
10 dB/div
Log
Ref 8.00 dBm
-2.00
-12.0
-22.0
-32.0
-42.0
-52.0
-62.0
-72.0
-82.0
-16.20 dBm
Start 30.0 MHz
#Res BW 100 kHz
#VBW 100 kHz
Stop 2.0000 GHz
Sweep 238 ms (1001 pts)
MKR MODE TRC SCL X Y FUNCTION FUNCTION WIDTH FUNCTION VALUE
1
2
3
4
5
6
7
8
9
10
11
12
MSG
STATUS

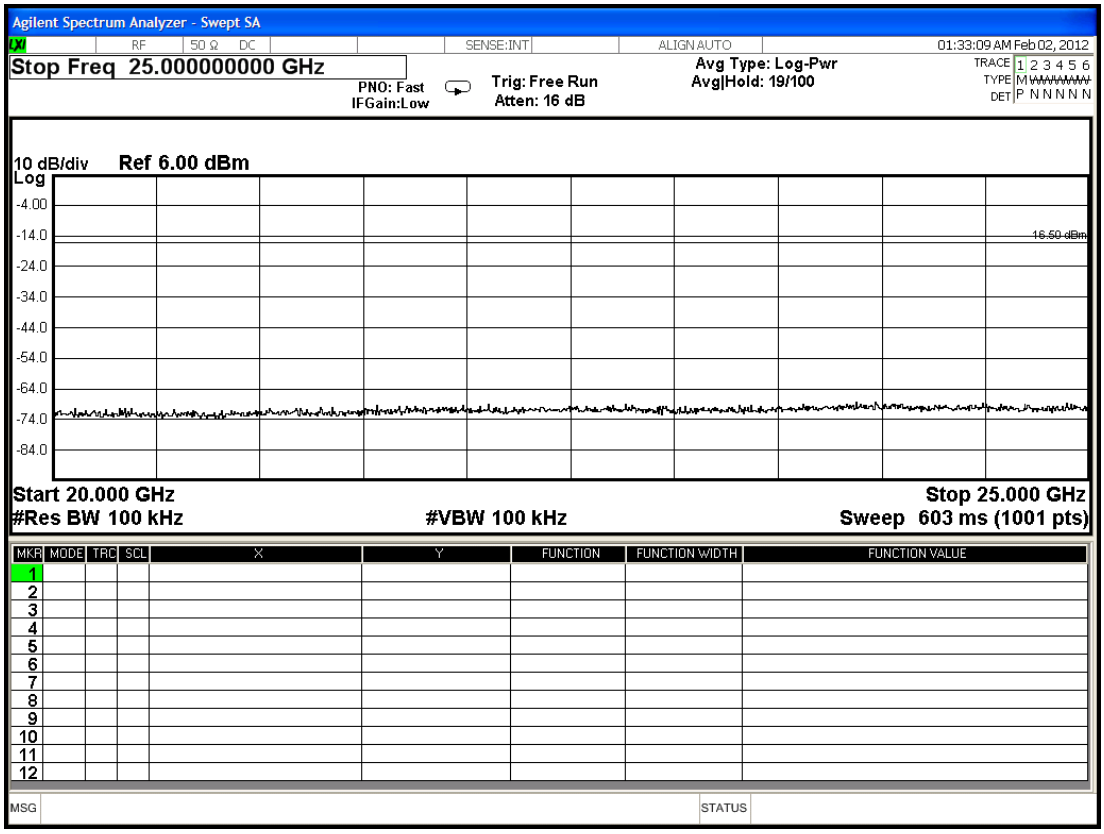
DTS 802.11b (2.4GHz), Frequency: 2462MHz

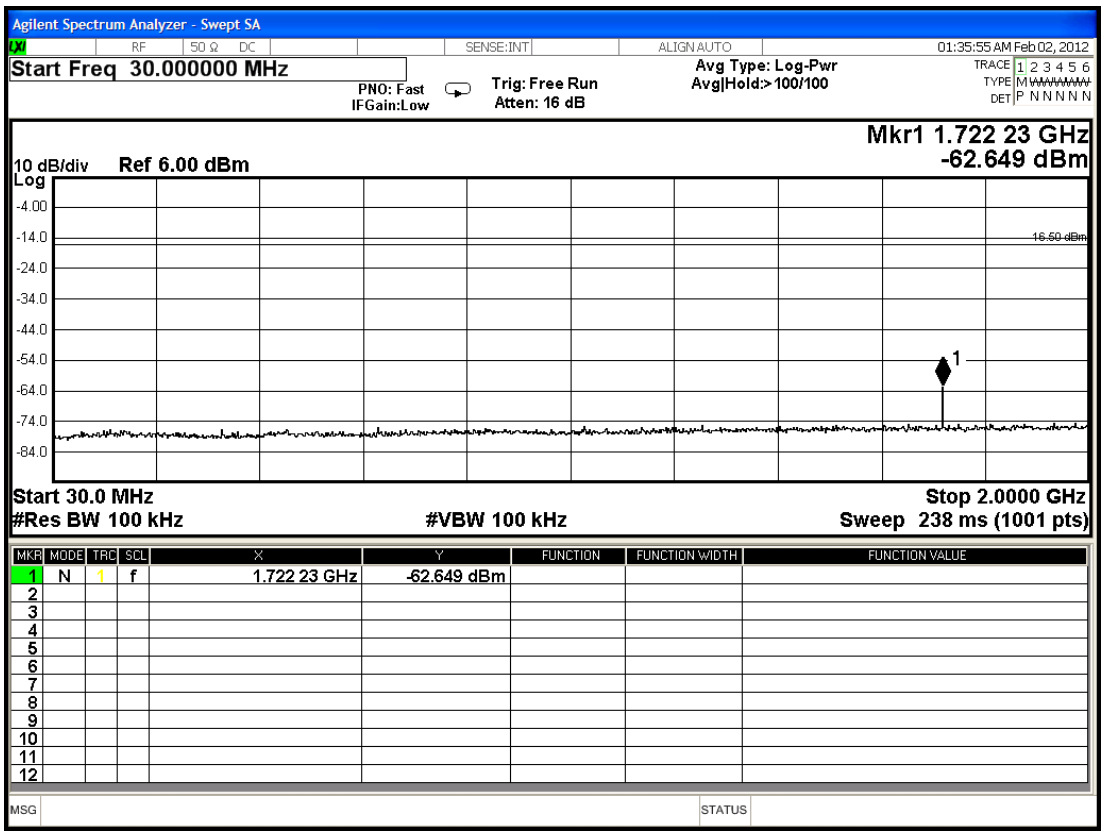




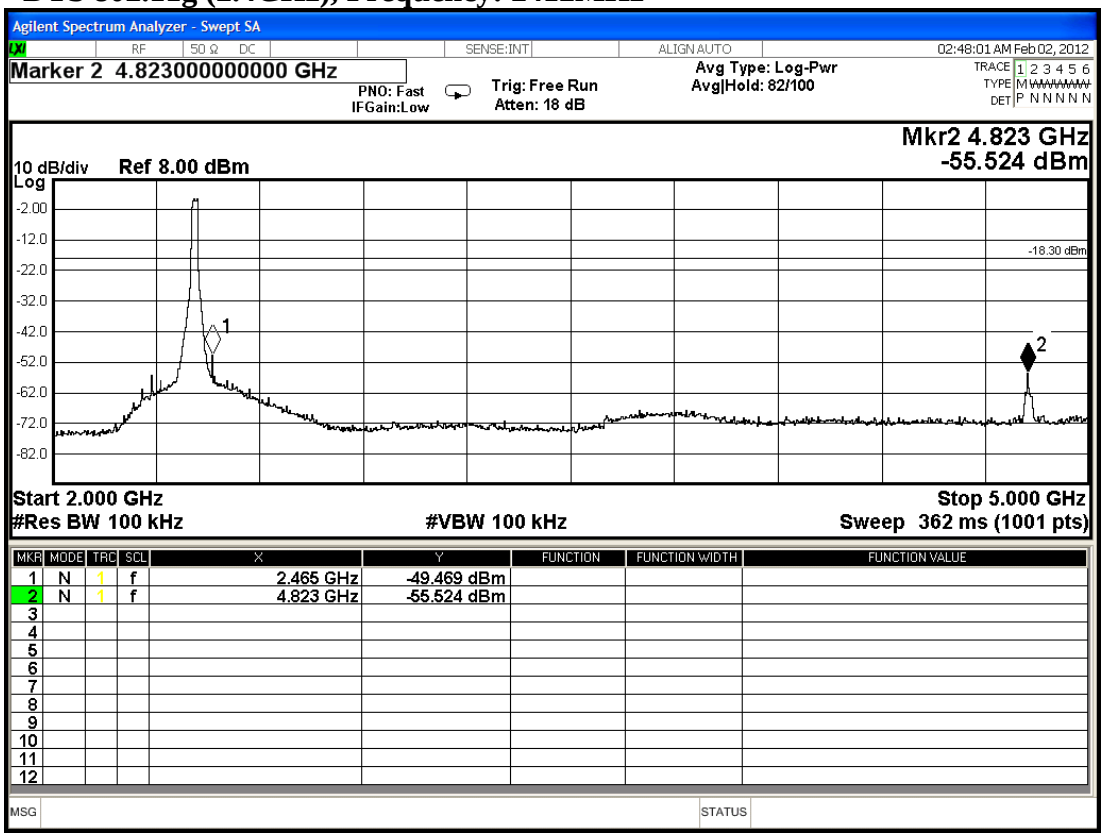

Agilent Spectrum Analyzer - Swept SA
RF
50 Ω DC
SENSE:INT
ALIGN AUTO
01:32:03 AM Feb 02, 2012
Marker 1 14.770000000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
Atten: 16 dB
Avg Type: Log-Pwr
Avg|Hold: 40/100
TRACE 1 2 3 4 5 6
TYPE M WWWWW
DET P N N N N N
Mkr1 14.770 GHz
-66.584 dBm
10 dB/div
Log
Ref 6.00 dBm
-4.00
-14.0
-24.0
-34.0
-44.0
-54.0
-64.0
-74.0
-84.0
16.50 dBm
1
Start 10.000 GHz
#Res BW 100 kHz
#VBW 100 kHz
Stop 15.000 GHz
Sweep 603 ms (1001 pts)
MKR MODE TRC SCL X Y FUNCTION FUNCTION WIDTH FUNCTION VALUE
1 N 1 f 14.770 GHz -66.584 dBm
2
3
4
5
6
7
8
9
10
11
12
MSG
STATUS

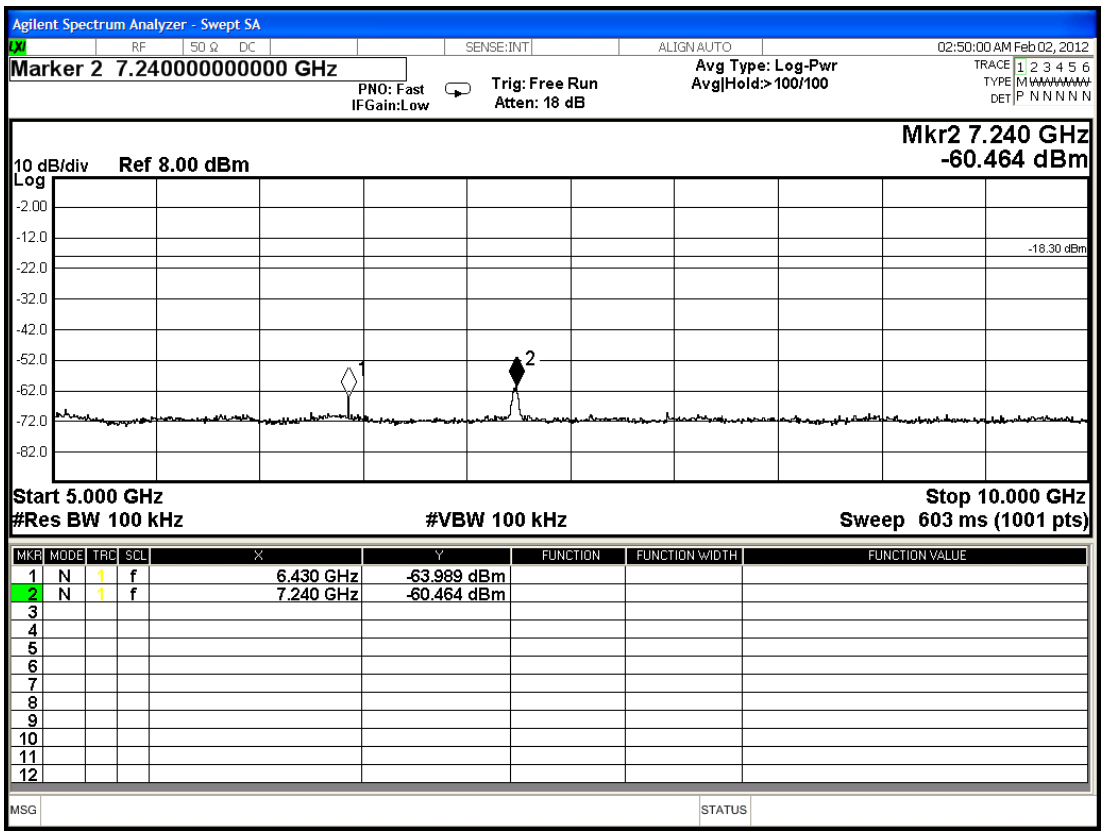

Agilent Spectrum Analyzer - Swept SA
RF
50 Ω DC
SENSE:INT
ALIGN AUTO
01:32:34 AM Feb 02, 2012
PNO: Fast
IFGain:Low
Trig: Free Run
Atten: 16 dB
Avg Type: Log-Pwr
Avg|Hold: 26/100
TRACE 1 2 3 4 5 6
TYPE M WWWWW
DET P N N N N N
10 dB/div
Log
Ref 6.00 dBm
-4.00
-14.0
-24.0
-34.0
-44.0
-54.0
-64.0
-74.0
-84.0
16.50 dBm
Start 15.000 GHz
#Res BW 100 kHz
#VBW 100 kHz
Stop 20.000 GHz
Sweep 603 ms (1001 pts)
MKR MODE TRC SCL X Y FUNCTION FUNCTION WIDTH FUNCTION VALUE
1
2
3
4
5
6
7
8
9
10
11
12
MSG
STATUS

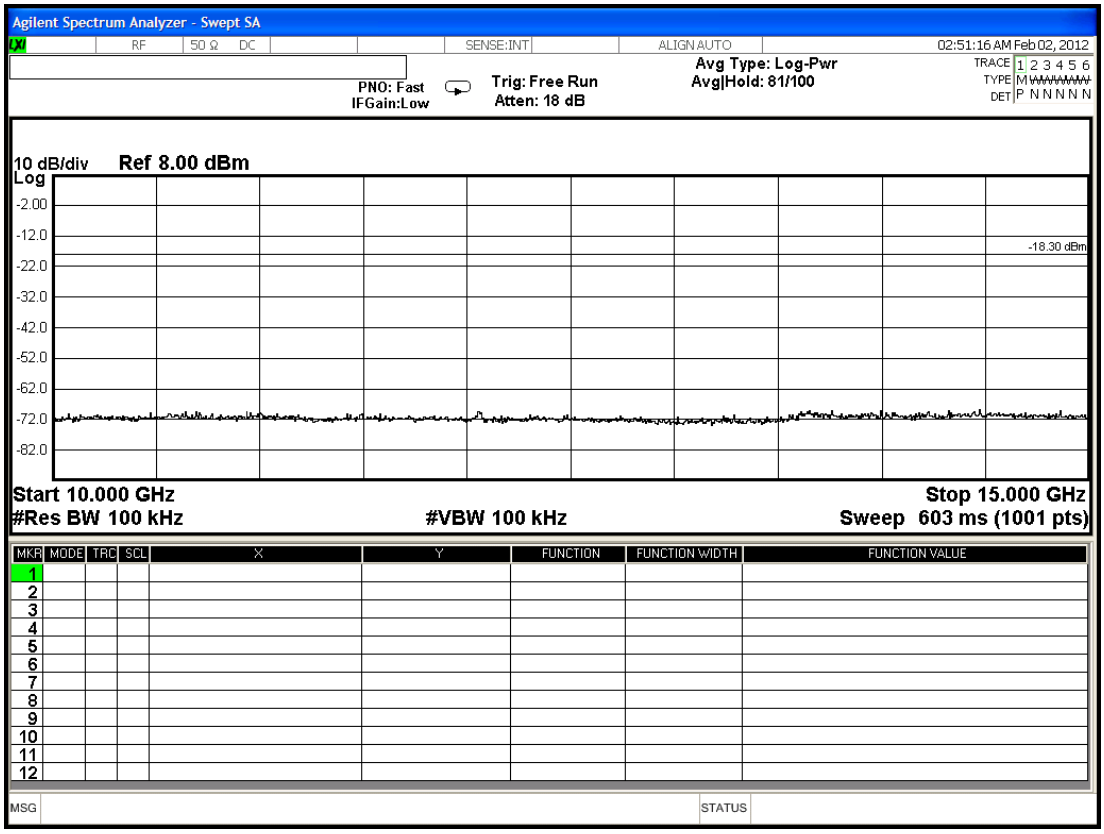

Agilent Spectrum Analyzer - Swept SA
RF
50 Ω DC
SENSE:INT
ALIGN AUTO
01:33:09 AM Feb 02, 2012
Stop Freq 25.000000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
Atten: 16 dB
Avg Type: Log-Pwr
Avg|Hold: 19/100
TRACE 1 2 3 4 5 6
TYPE M WWWWW
DET P N N N N N
10 dB/div
Log
Ref 6.00 dBm
-4.00
-14.0
-24.0
-34.0
-44.0
-54.0
-64.0
-74.0
-84.0
16.50 dBm
Start 20.000 GHz
#Res BW 100 kHz
#VBW 100 kHz
Stop 25.000 GHz
Sweep 603 ms (1001 pts)
MKR MODE TRC SCL X Y FUNCTION FUNCTION WIDTH FUNCTION VALUE
1
2
3
4
5
6
7
8
9
10
11
12
MSG
STATUS

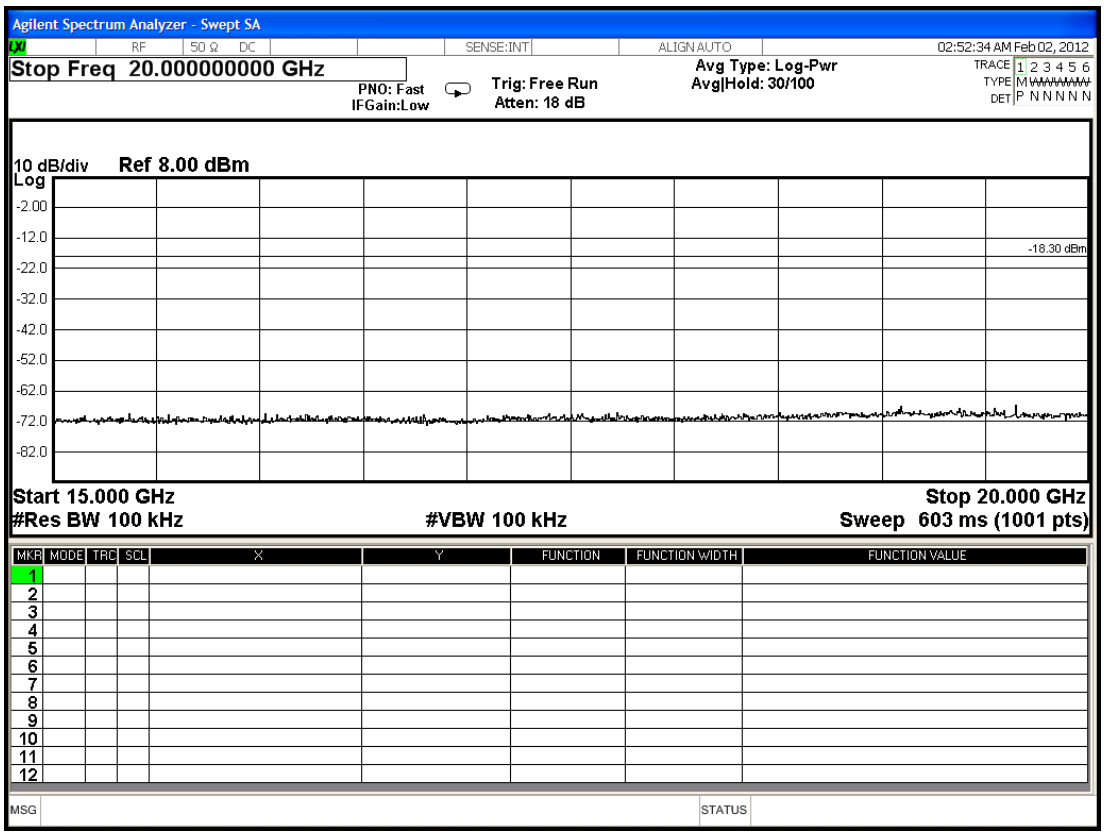

Agilent Spectrum Analyzer - Swept SA
RF
50 Ω DC
SENSE:INT
ALIGN AUTO
01:35:55 AM Feb 02, 2012
Start Freq 30.000000 MHz
PNO: Fast
IFGain:Low
Trig: Free Run
Atten: 16 dB
Avg Type: Log-Pwr
Avg|Hold:>100/100
TRACE 1 2 3 4 5 6
TYPE M WWWWW
DET P N N N N N
Mkr1 1.722 23 GHz
-62.649 dBm
10 dB/div
Log
Ref 6.00 dBm
-4.00
-14.0
-24.0
-34.0
-44.0
-54.0
-64.0
-74.0
-84.0
16.50 dBm
1
Start 30.0 MHz
#Res BW 100 kHz
#VBW 100 kHz
Stop 2.0000 GHz
Sweep 238 ms (1001 pts)
MKR MODE TRC SCL X Y FUNCTION FUNCTION WIDTH FUNCTION VALUE
1 N 1 f 1.722 23 GHz -62.649 dBm
2
3
4
5
6
7
8
9
10
11
12
MSG
STATUS

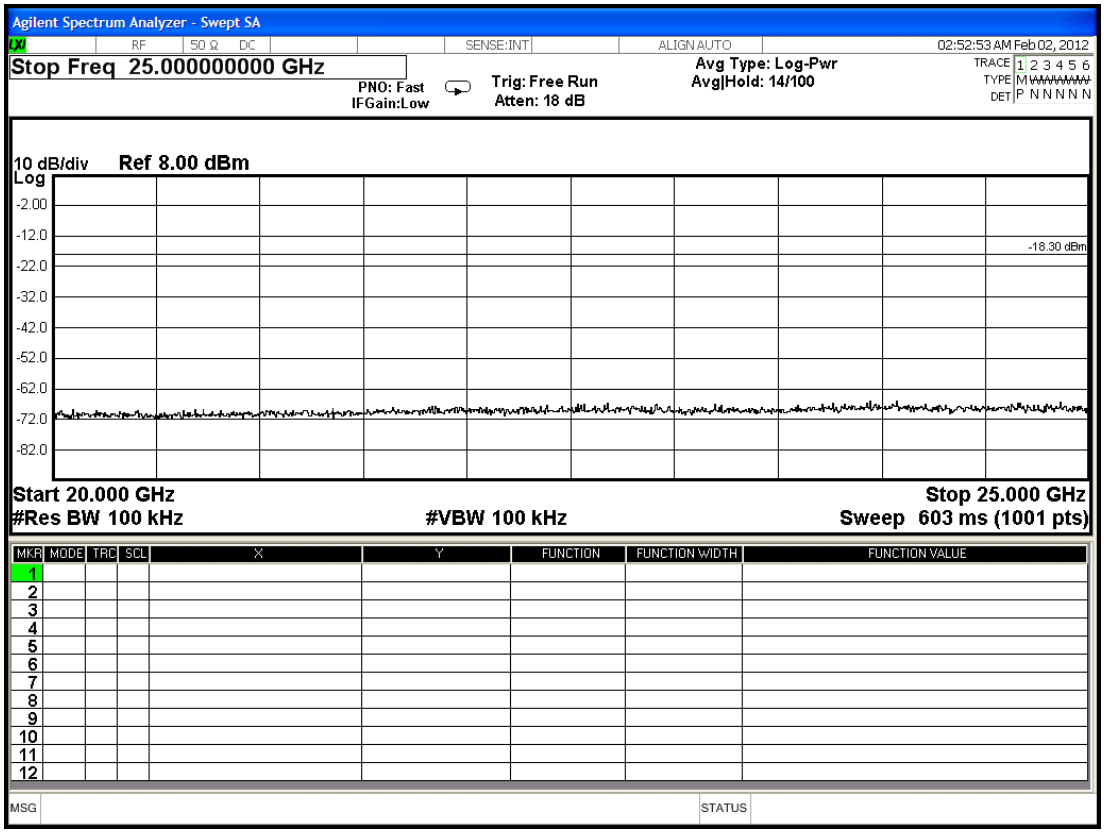
DTS 802.11g (2.4GHz), Frequency: 2412MHz

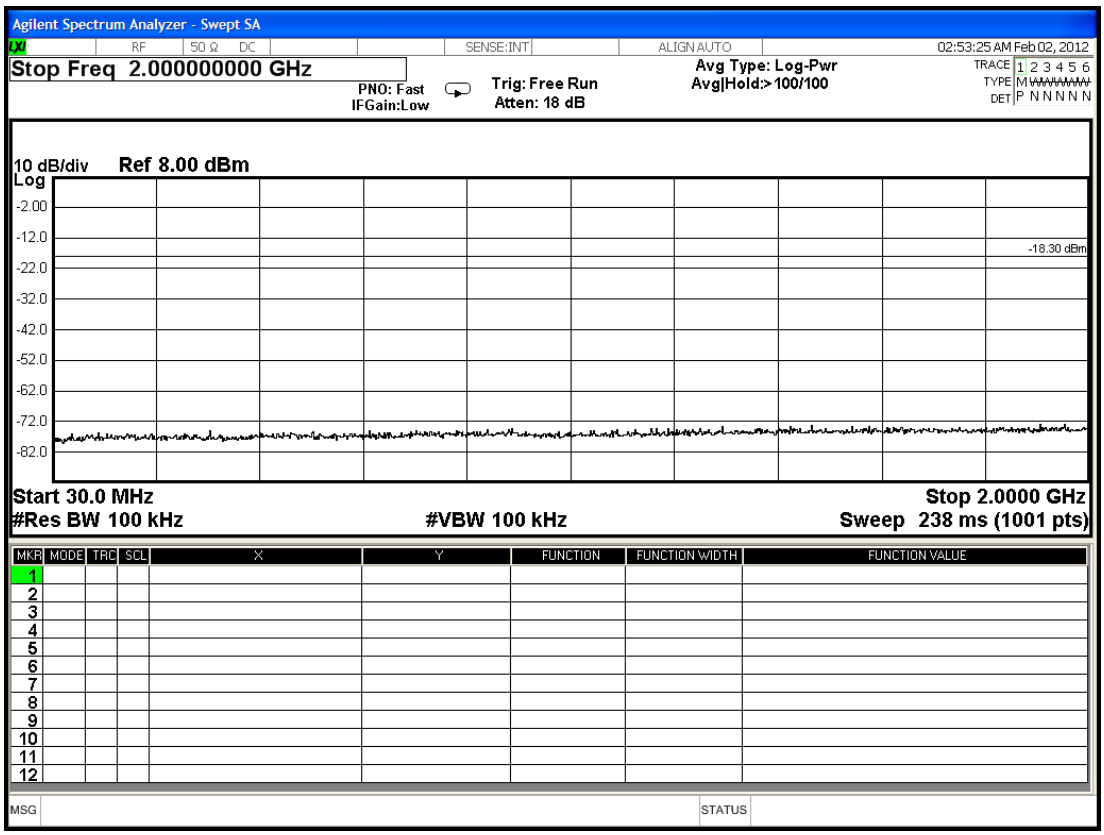




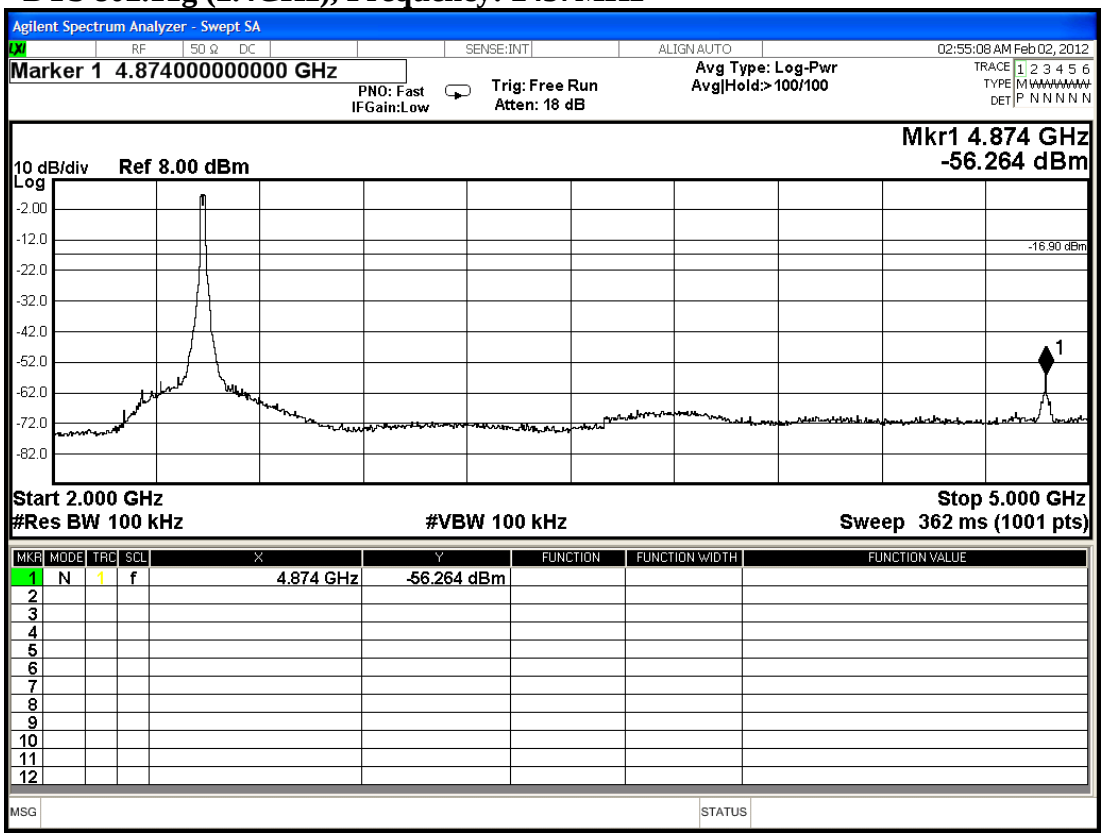

Agilent Spectrum Analyzer - Swept SA
RF
50 Ω DC
SENSE:INT
ALIGN AUTO
02:51:16 AM Feb 02, 2012
PNO: Fast
IFGain:Low
Trig: Free Run
Atten: 18 dB
Avg Type: Log-Pwr
Avg|Hold: 81/100
TRACE 1 2 3 4 5 6
TYPE M WWWWW
DET P N N N N N
10 dB/div
Log
Ref 8.00 dBm
-2.00
-12.0
-22.0
-32.0
-42.0
-52.0
-62.0
-72.0
-82.0
-18.30 dBm
Start 10.000 GHz
#Res BW 100 kHz
#VBW 100 kHz
Stop 15.000 GHz
Sweep 603 ms (1001 pts)
MKR MODE TRC SCL X Y FUNCTION FUNCTION WIDTH FUNCTION VALUE
1
2
3
4
5
6
7
8
9
10
11
12
MSG
STATUS

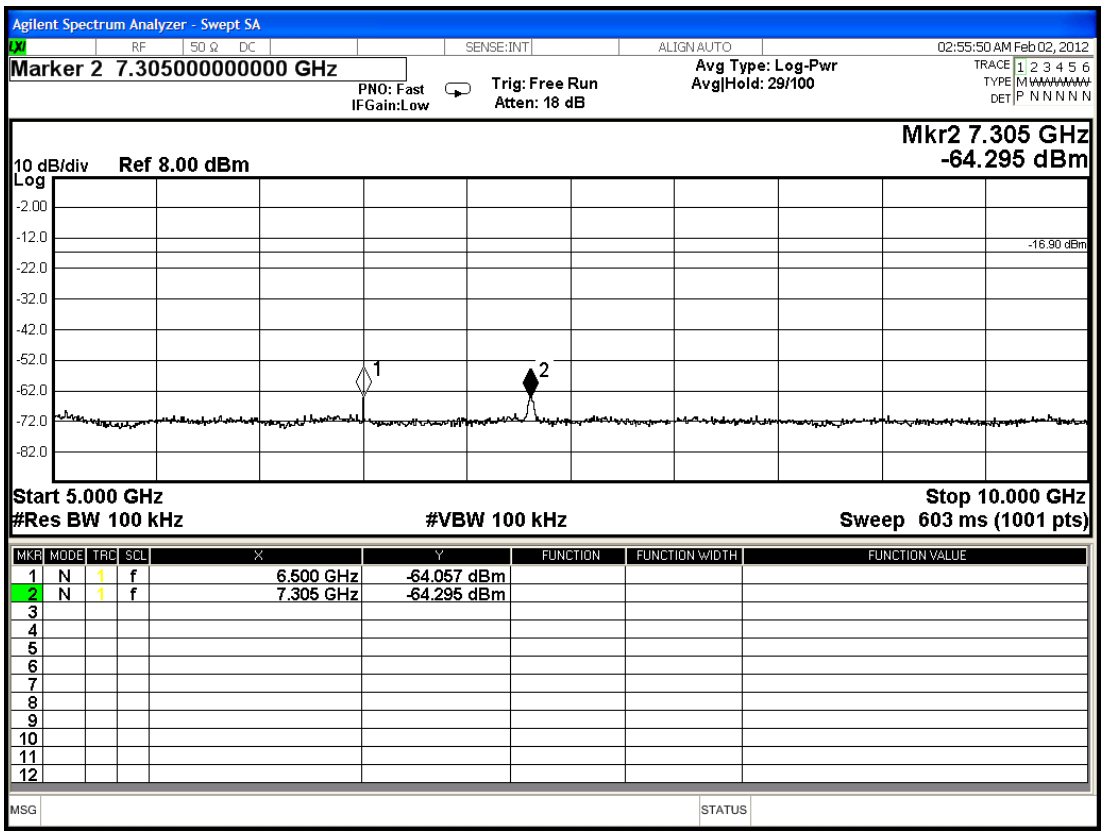

Agilent Spectrum Analyzer - Swept SA
RF
50 Ω DC
SENSE:INT
ALIGN AUTO
02:52:34 AM Feb 02, 2012
Stop Freq 20.000000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
Atten: 18 dB
Avg Type: Log-Pwr
Avg|Hold: 30/100
TRACE 1 2 3 4 5 6
TYPE M WWWWW
DET P N N N N N
10 dB/div
Log
Ref 8.00 dBm
-2.00
-12.0
-22.0
-32.0
-42.0
-52.0
-62.0
-72.0
-82.0
-18.30 dBm
Start 15.000 GHz
#Res BW 100 kHz
#VBW 100 kHz
Stop 20.000 GHz
Sweep 603 ms (1001 pts)
MKR MODE TRC SCL X Y FUNCTION FUNCTION WIDTH FUNCTION VALUE
1
2
3
4
5
6
7
8
9
10
11
12
MSG
STATUS

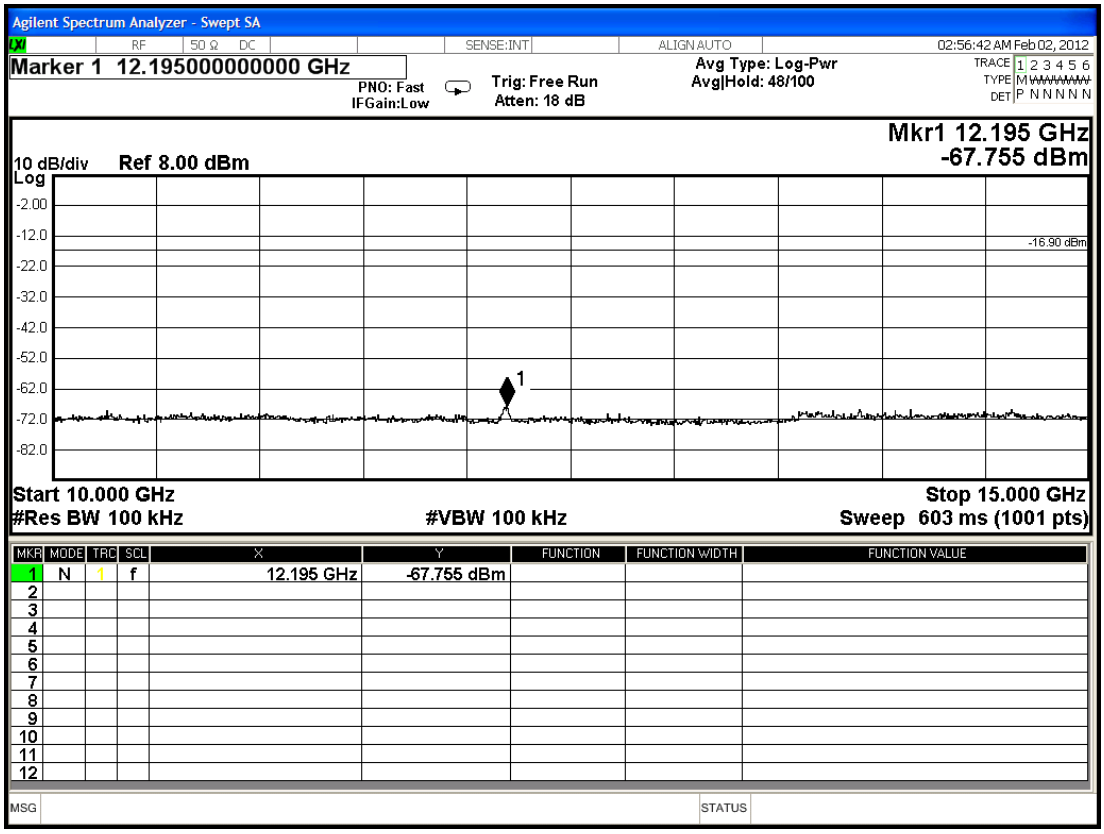

Agilent Spectrum Analyzer - Swept SA
RF
50 Ω DC
SENSE:INT
ALIGN AUTO
02:52:53 AM Feb 02, 2012
Stop Freq 25.000000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
Atten: 18 dB
Avg Type: Log-Pwr
Avg|Hold: 14/100
TRACE 1 2 3 4 5 6
TYPE M WWWWW
DET P N N N N N
10 dB/div
Log
Ref 8.00 dBm
-2.00
-12.0
-22.0
-32.0
-42.0
-52.0
-62.0
-72.0
-82.0
-18.30 dBm
Start 20.000 GHz
#Res BW 100 kHz
#VBW 100 kHz
Stop 25.000 GHz
Sweep 603 ms (1001 pts)
MKR MODE TRC SCL X Y FUNCTION FUNCTION WIDTH FUNCTION VALUE
1
2
3
4
5
6
7
8
9
10
11
12
MSG
STATUS

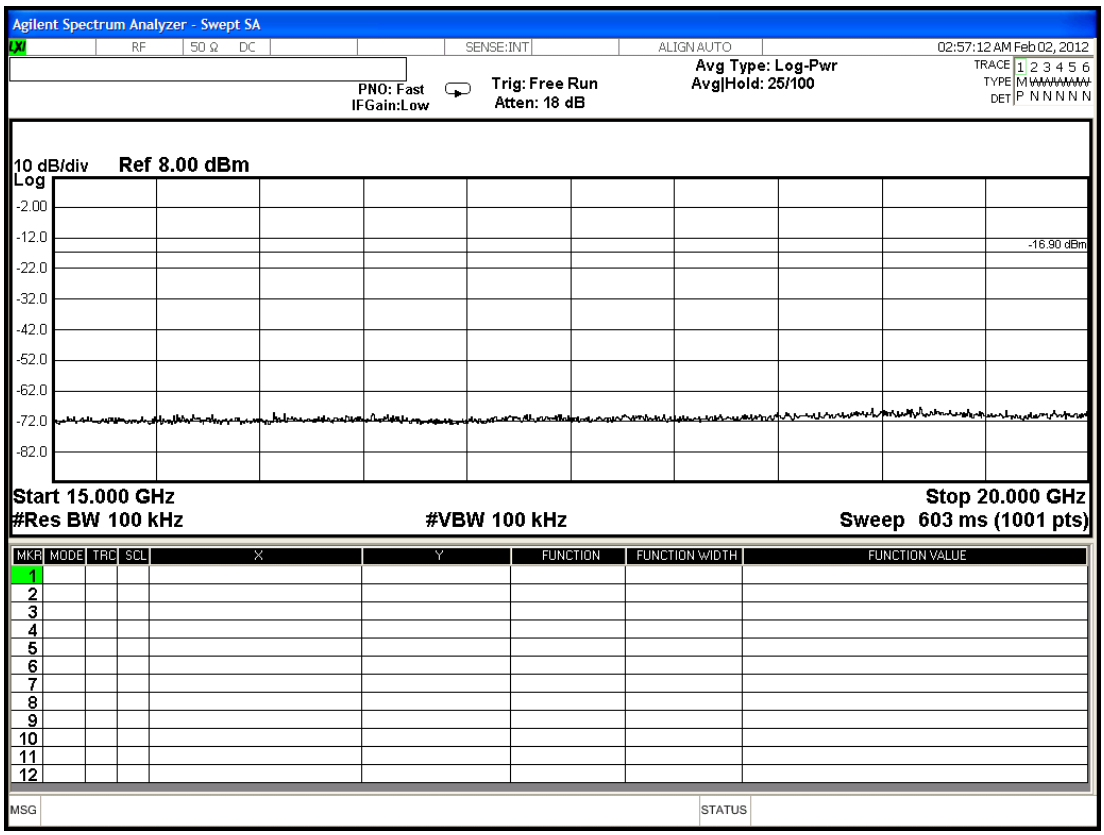

Agilent Spectrum Analyzer - Swept SA
RF
50 Ω DC
SENSE:INT
ALIGN AUTO
02:53:25 AM Feb 02, 2012
Stop Freq 2.000000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
Atten: 18 dB
Avg Type: Log-Pwr
Avg|Hold:>100/100
TRACE 1 2 3 4 5 6
TYPE M WWWWW
DET P N N N N N
10 dB/div
Log
Ref 8.00 dBm
-2.00
-12.0
-22.0
-32.0
-42.0
-52.0
-62.0
-72.0
-82.0
-18.30 dBm
Start 30.0 MHz
#Res BW 100 kHz
#VBW 100 kHz
Stop 2.0000 GHz
Sweep 238 ms (1001 pts)
MKR MODE TRC SCL X Y FUNCTION FUNCTION WIDTH FUNCTION VALUE
1
2
3
4
5
6
7
8
9
10
11
12
MSG
STATUS

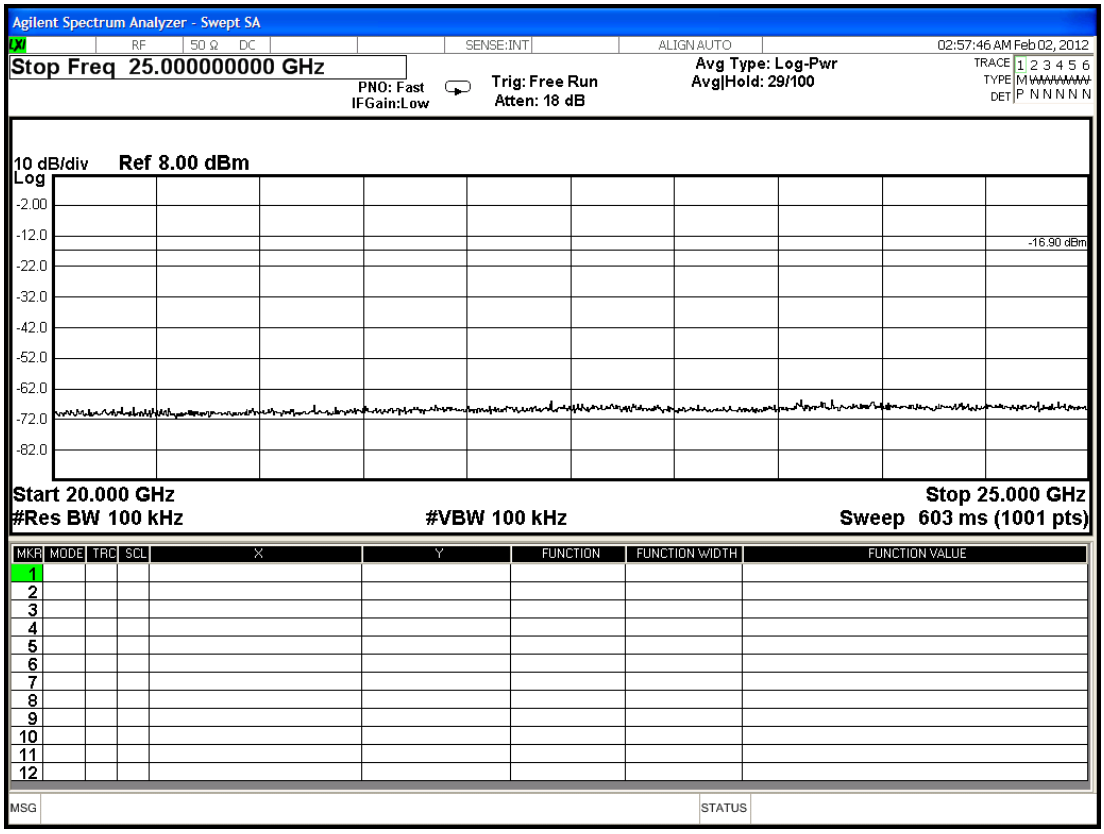
DTS 802.11g (2.4GHz), Frequency: 2437MHz

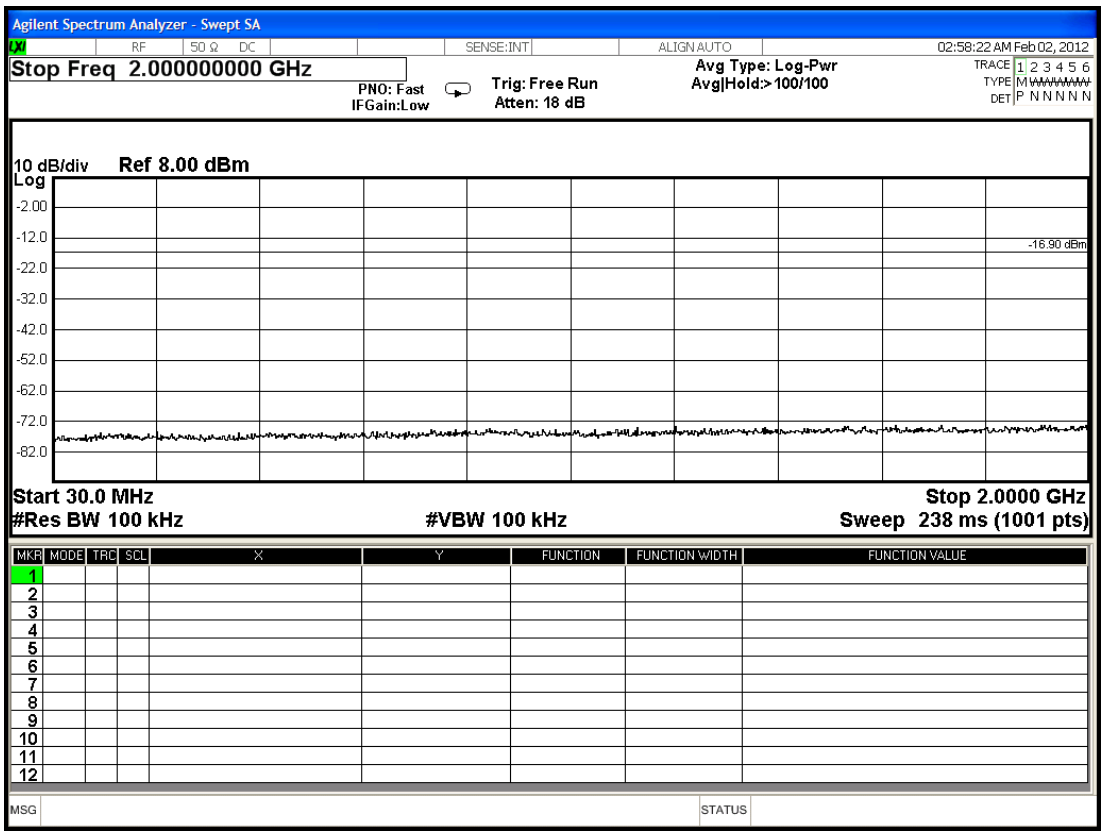




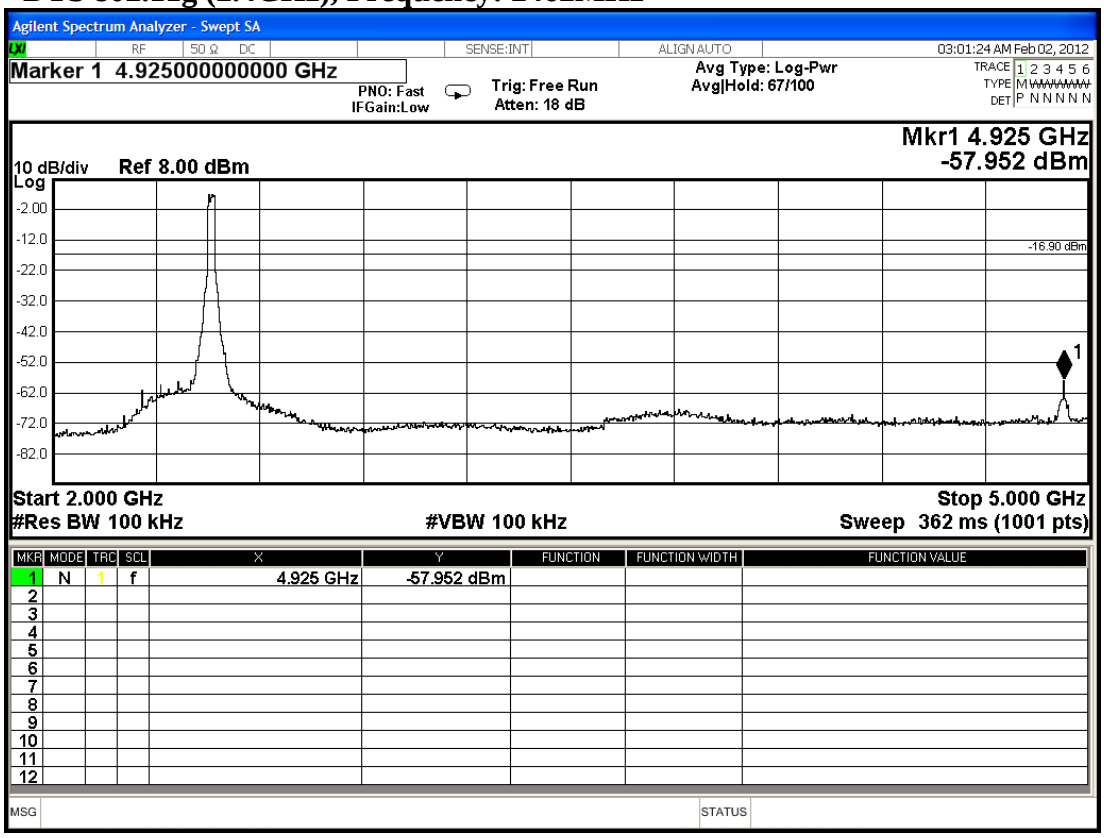

Agilent Spectrum Analyzer - Swept SA
RF
50 Ω DC
SENSE:INT
ALIGN AUTO
02:56:42 AM Feb 02, 2012
Marker 1 12.195000000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
Atten: 18 dB
Avg Type: Log-Pwr
Avg|Hold: 48/100
TRACE 1 2 3 4 5 6
TYPE M WWWWW
DET P N N N N N
Mkr1 12.195 GHz
-67.755 dBm
10 dB/div
Log
Ref 8.00 dBm
-2.00
-12.0
-22.0
-32.0
-42.0
-52.0
-62.0
-72.0
-82.0
-16.90 dBm
Start 10.000 GHz
#Res BW 100 kHz
#VBW 100 kHz
Stop 15.000 GHz
Sweep 603 ms (1001 pts)
MKR MODE TRC SCL X Y FUNCTION FUNCTION WIDTH FUNCTION VALUE
1 N 1 f 12.195 GHz -67.755 dBm
MSG
STATUS

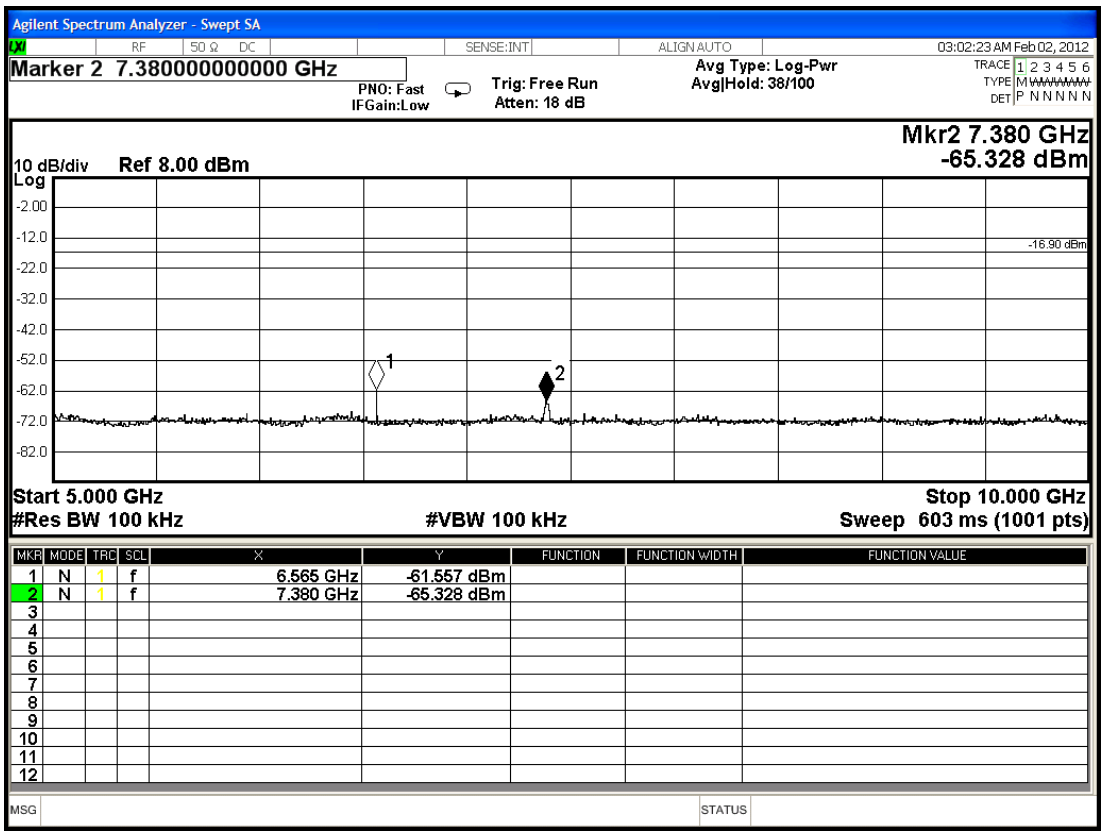

Agilent Spectrum Analyzer - Swept SA
RF
50 Ω DC
SENSE:INT
ALIGN AUTO
02:57:12 AM Feb 02, 2012
PNO: Fast
IFGain:Low
Trig: Free Run
Atten: 18 dB
Avg Type: Log-Pwr
Avg|Hold: 25/100
TRACE 1 2 3 4 5 6
TYPE M WWWWW
DET P N N N N N
10 dB/div
Log
Ref 8.00 dBm
-2.00
-12.0
-22.0
-32.0
-42.0
-52.0
-62.0
-72.0
-82.0
-16.90 dBm
Start 15.000 GHz
#Res BW 100 kHz
#VBW 100 kHz
Stop 20.000 GHz
Sweep 603 ms (1001 pts)
MKR MODE TRC SCL X Y FUNCTION FUNCTION WIDTH FUNCTION VALUE
MSG
STATUS

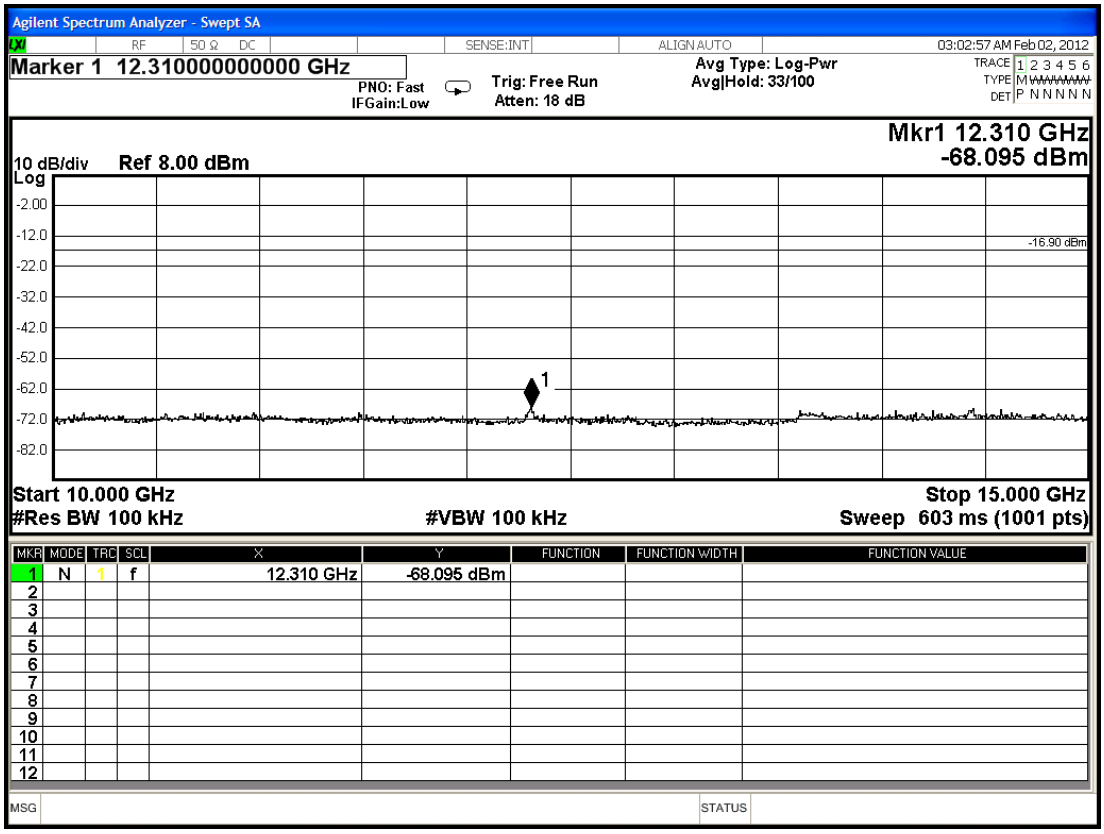

Agilent Spectrum Analyzer - Swept SA
RF
50 Ω DC
SENSE:INT
ALIGN AUTO
02:57:46 AM Feb 02, 2012
Stop Freq 25.000000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
Atten: 18 dB
Avg Type: Log-Pwr
Avg|Hold: 29/100
TRACE 1 2 3 4 5 6
TYPE M WWWWW
DET P N N N N N
10 dB/div
Log
Ref 8.00 dBm
-2.00
-12.0
-22.0
-32.0
-42.0
-52.0
-62.0
-72.0
-82.0
-16.90 dBm
Start 20.000 GHz
#Res BW 100 kHz
#VBW 100 kHz
Stop 25.000 GHz
Sweep 603 ms (1001 pts)
MKR MODE TRC SCL X Y FUNCTION FUNCTION WIDTH FUNCTION VALUE
1
2
3
4
5
6
7
8
9
10
11
12
MSG
STATUS

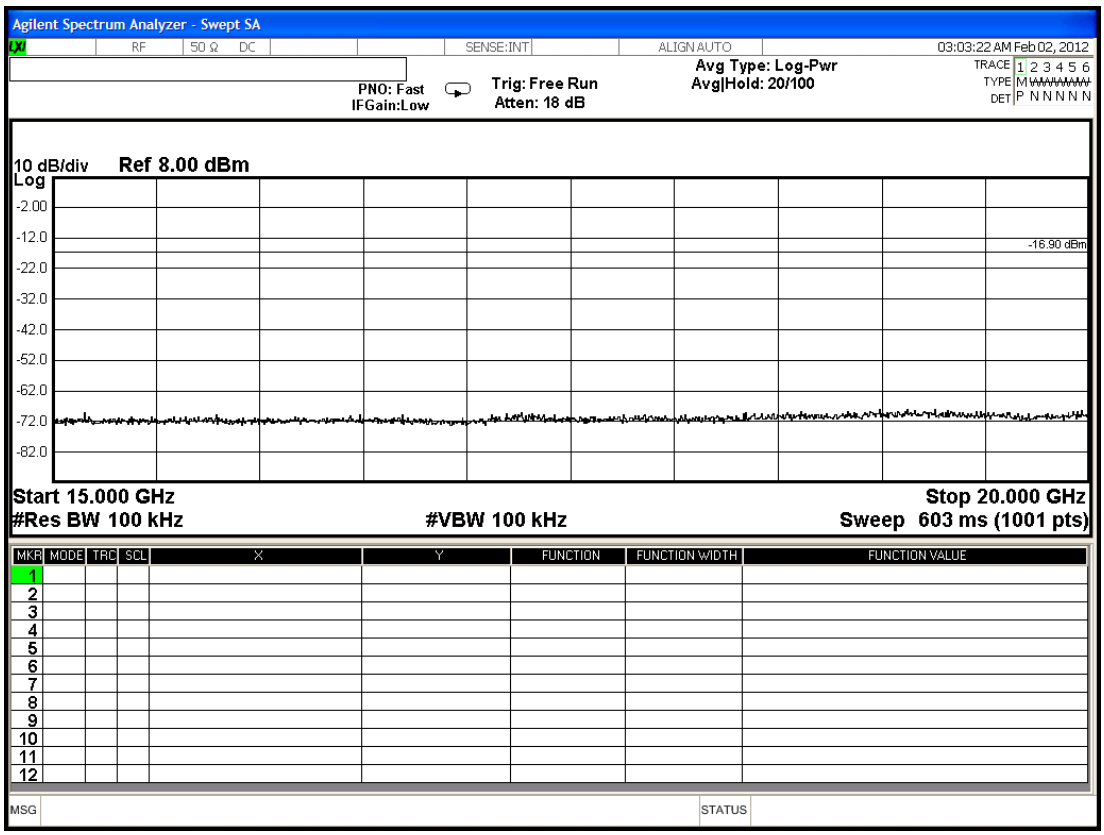

Agilent Spectrum Analyzer - Swept SA
RF
50 Ω DC
SENSE:INT
ALIGN AUTO
02:58:22 AM Feb 02, 2012
Stop Freq 2.000000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
Atten: 18 dB
Avg Type: Log-Pwr
Avg|Hold:>100/100
TRACE 1 2 3 4 5 6
TYPE M WWWWW
DET P N N N N N
10 dB/div
Log
Ref 8.00 dBm
-2.00
-12.0
-22.0
-32.0
-42.0
-52.0
-62.0
-72.0
-82.0
-16.90 dBm
Start 30.0 MHz
#Res BW 100 kHz
#VBW 100 kHz
Stop 2.0000 GHz
Sweep 238 ms (1001 pts)
MKR MODE TRC SCL X Y FUNCTION FUNCTION WIDTH FUNCTION VALUE
1
2
3
4
5
6
7
8
9
10
11
12
MSG
STATUS

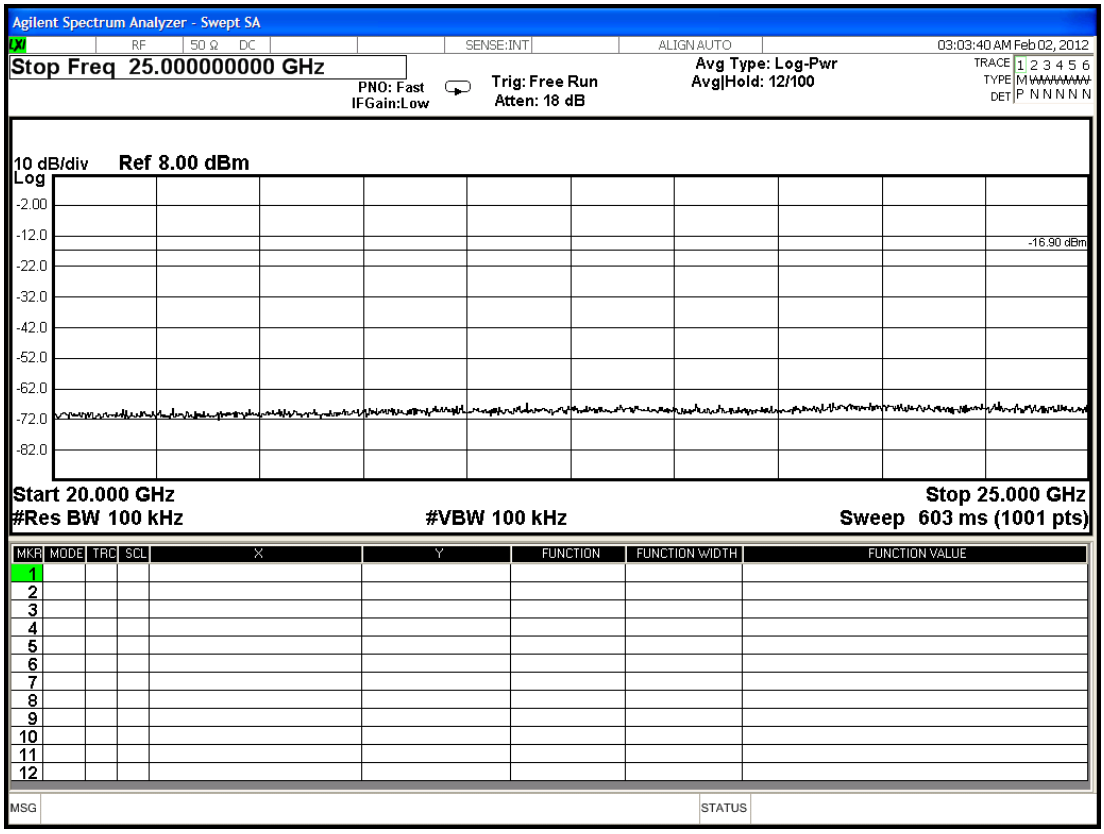
DTS 802.11g (2.4GHz), Frequency: 2462MHz

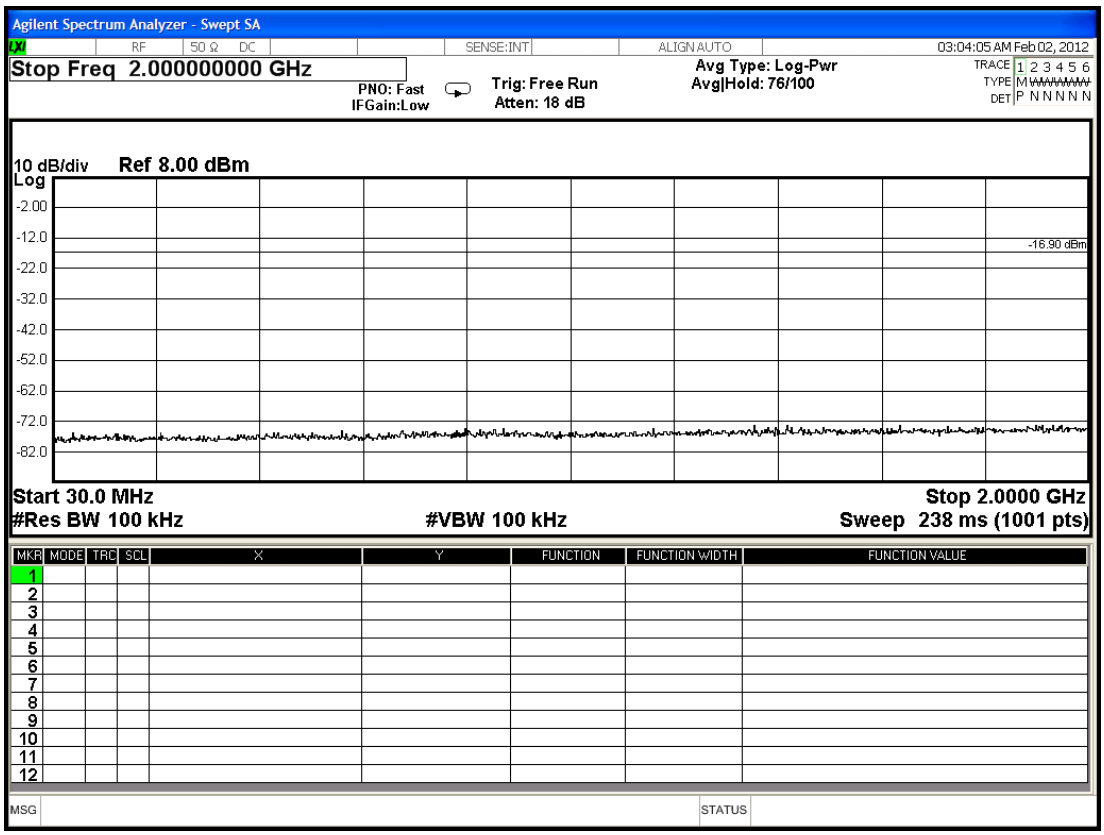




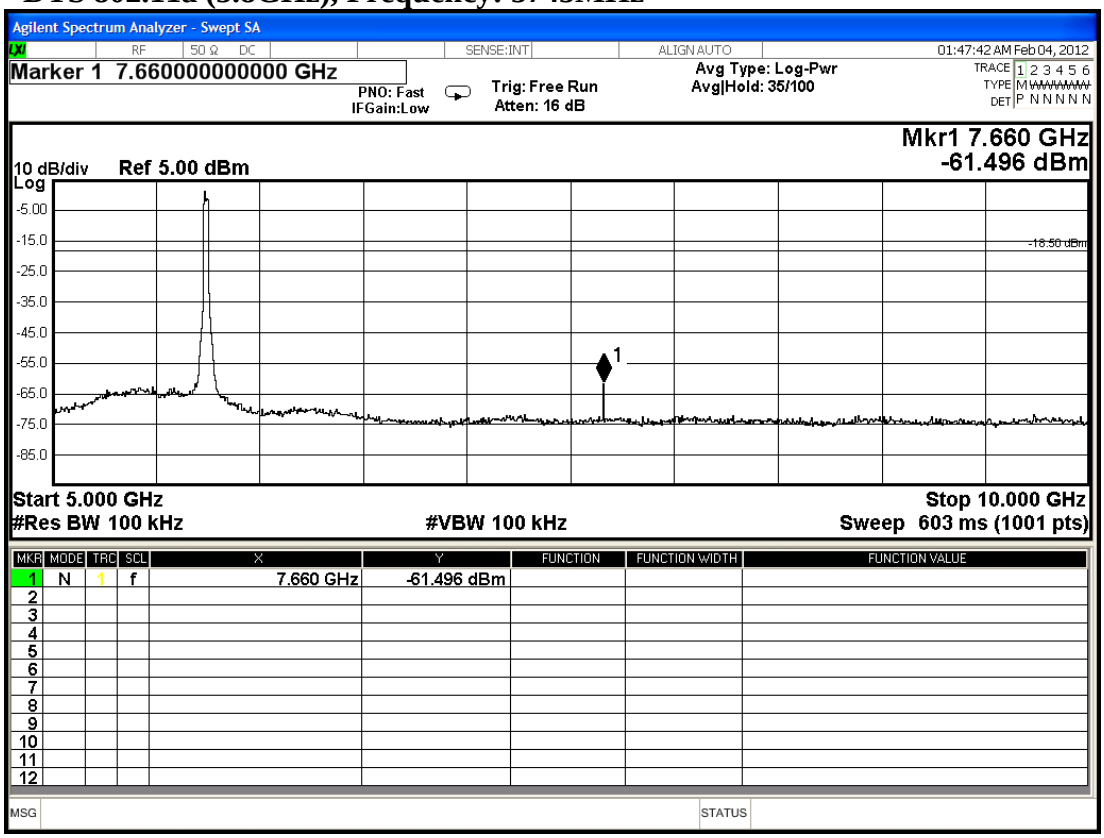

Agilent Spectrum Analyzer - Swept SA
RF
50 Ω DC
SENSE:INT
ALIGN AUTO
03:02:57 AM Feb 02, 2012
Marker 1 12.310000000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
Atten: 18 dB
Avg Type: Log-Pwr
Avg|Hold: 33/100
TRACE 1 2 3 4 5 6
TYPE M WWWWW
DET P N N N N N
Mkr1 12.310 GHz
-68.095 dBm
10 dB/div
Log
Ref 8.00 dBm
-2.00
-12.0
-22.0
-32.0
-42.0
-52.0
-62.0
-72.0
-82.0
-16.90 dBm
Start 10.000 GHz
#Res BW 100 kHz
#VBW 100 kHz
Stop 15.000 GHz
Sweep 603 ms (1001 pts)
MKR MODE TRC SCL X Y FUNCTION FUNCTION WIDTH FUNCTION VALUE
1 N 1 f 12.310 GHz -68.095 dBm
MSG
STATUS

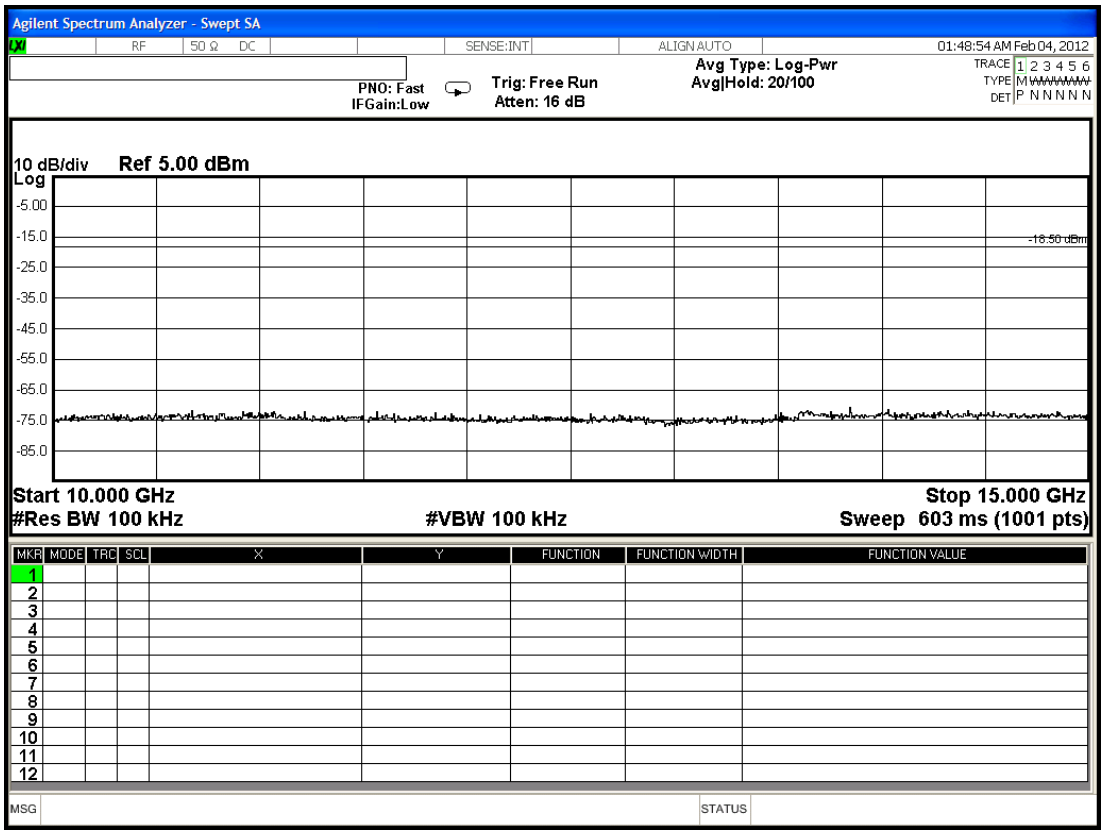

Agilent Spectrum Analyzer - Swept SA
RF
50 Ω DC
SENSE:INT
ALIGN AUTO
03:03:22 AM Feb 02, 2012
PNO: Fast
IFGain:Low
Trig: Free Run
Atten: 18 dB
Avg Type: Log-Pwr
Avg|Hold: 20/100
TRACE 1 2 3 4 5 6
TYPE M WWWWW
DET P N N N N N
10 dB/div
Log
Ref 8.00 dBm
-2.00
-12.0
-22.0
-32.0
-42.0
-52.0
-62.0
-72.0
-82.0
-16.90 dBm
Start 15.000 GHz
#Res BW 100 kHz
#VBW 100 kHz
Stop 20.000 GHz
Sweep 603 ms (1001 pts)
MKR MODE TRC SCL X Y FUNCTION FUNCTION WIDTH FUNCTION VALUE
MSG
STATUS

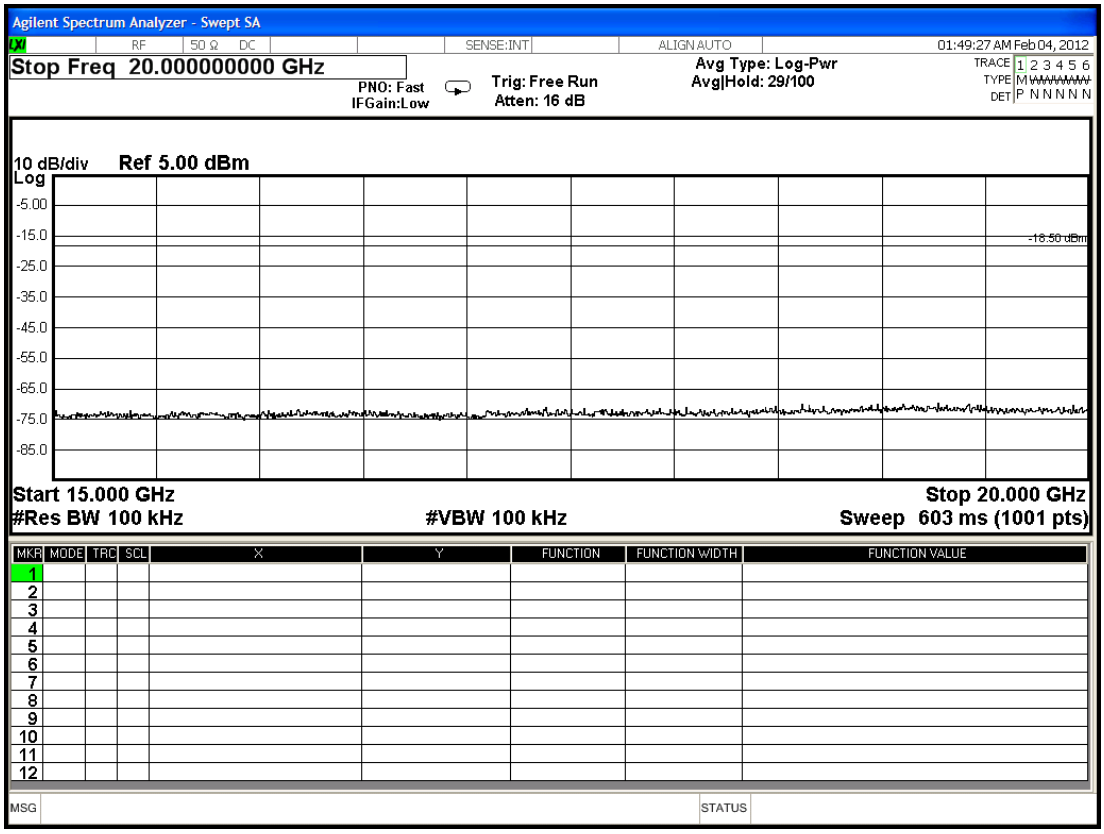

Agilent Spectrum Analyzer - Swept SA
RF
50 Ω DC
SENSE:INT
ALIGN AUTO
03:03:40 AM Feb 02, 2012
Stop Freq 25.000000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
Atten: 18 dB
Avg Type: Log-Pwr
Avg|Hold: 12/100
TRACE 1 2 3 4 5 6
TYPE M WWWWW
DET P N N N N N
10 dB/div
Log
Ref 8.00 dBm
-2.00
-12.0
-22.0
-32.0
-42.0
-52.0
-62.0
-72.0
-82.0
-16.90 dBm
Start 20.000 GHz
#Res BW 100 kHz
#VBW 100 kHz
Stop 25.000 GHz
Sweep 603 ms (1001 pts)
MKR MODE TRC SCL X Y FUNCTION FUNCTION WIDTH FUNCTION VALUE
1
2
3
4
5
6
7
8
9
10
11
12
MSG
STATUS

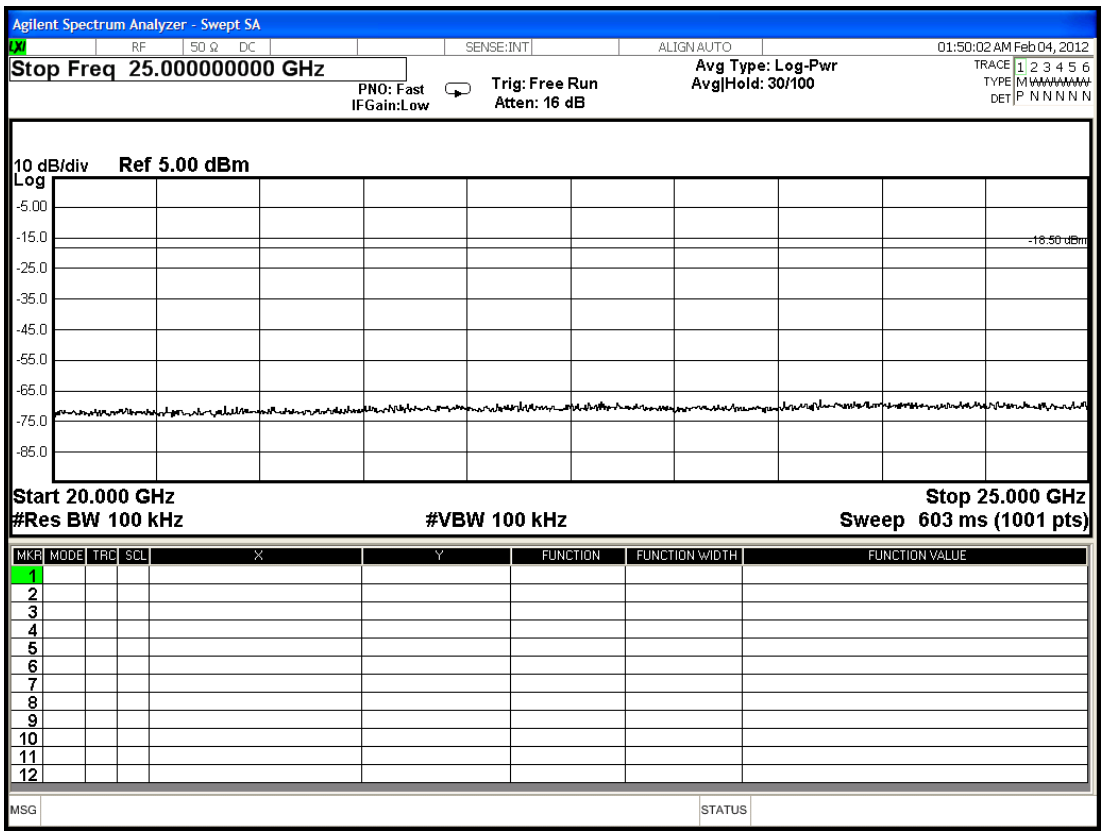

Agilent Spectrum Analyzer - Swept SA
RF
50 Ω DC
SENSE:INT
ALIGN AUTO
03:04:05 AM Feb 02, 2012
Stop Freq 2.000000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
Atten: 18 dB
Avg Type: Log-Pwr
Avg|Hold: 76/100
TRACE 1 2 3 4 5 6
TYPE M WWWWW
DET P N N N N N
10 dB/div
Log
Ref 8.00 dBm
-2.00
-12.0
-22.0
-32.0
-42.0
-52.0
-62.0
-72.0
-82.0
-16.90 dBm
Start 30.0 MHz
#Res BW 100 kHz
#VBW 100 kHz
Stop 2.0000 GHz
Sweep 238 ms (1001 pts)
MKR MODE TRC SCL X Y FUNCTION FUNCTION WIDTH FUNCTION VALUE
1
2
3
4
5
6
7
8
9
10
11
12
MSG
STATUS

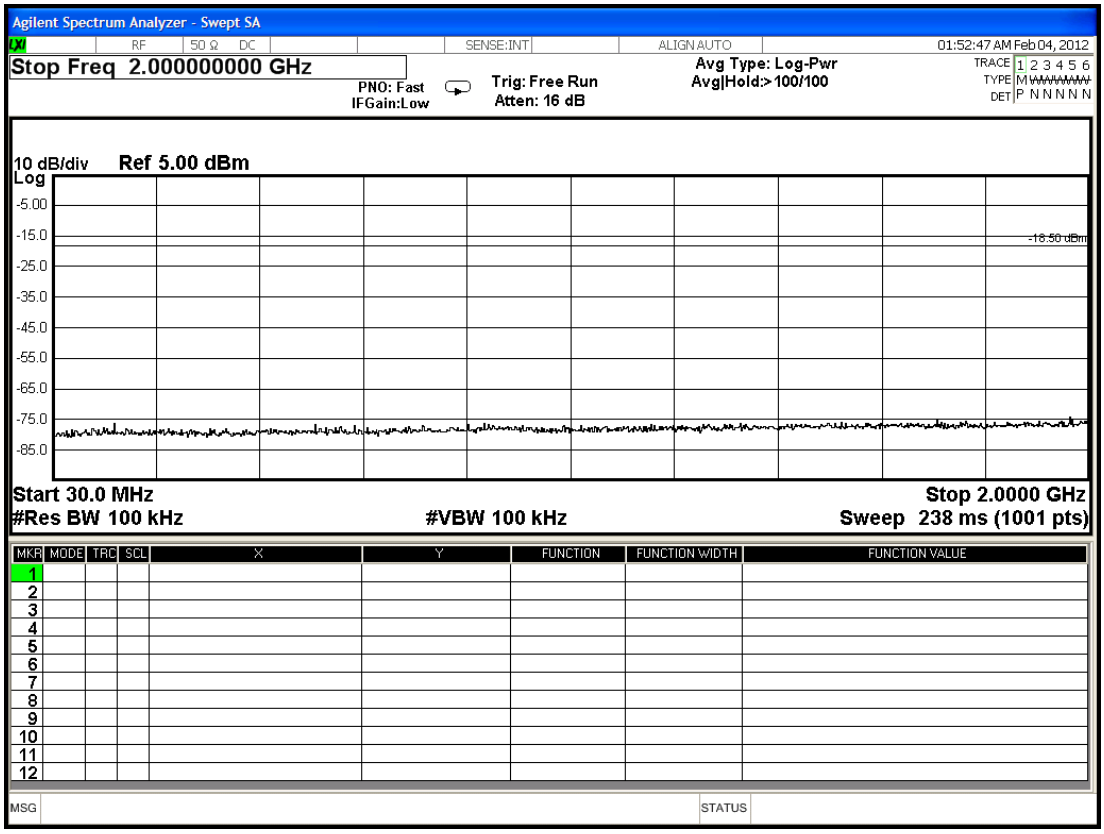
DTS 802.11a (5.8GHz), Frequency: 5745MHz

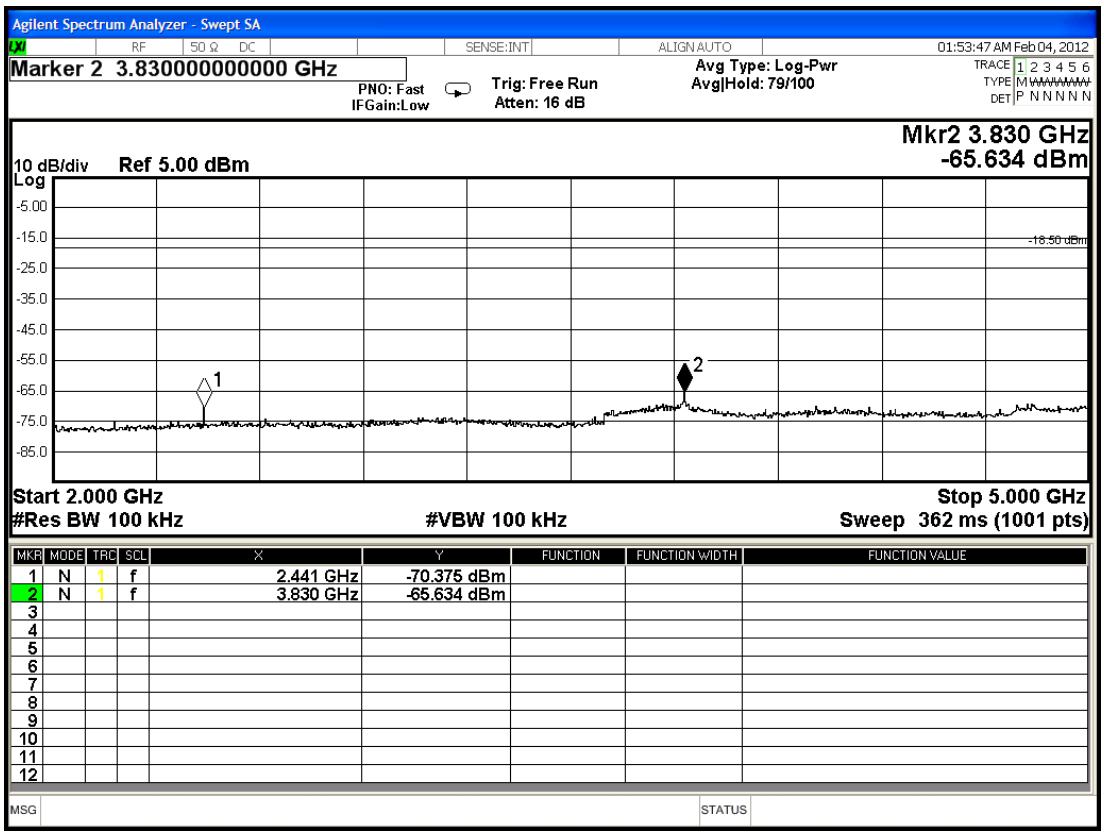




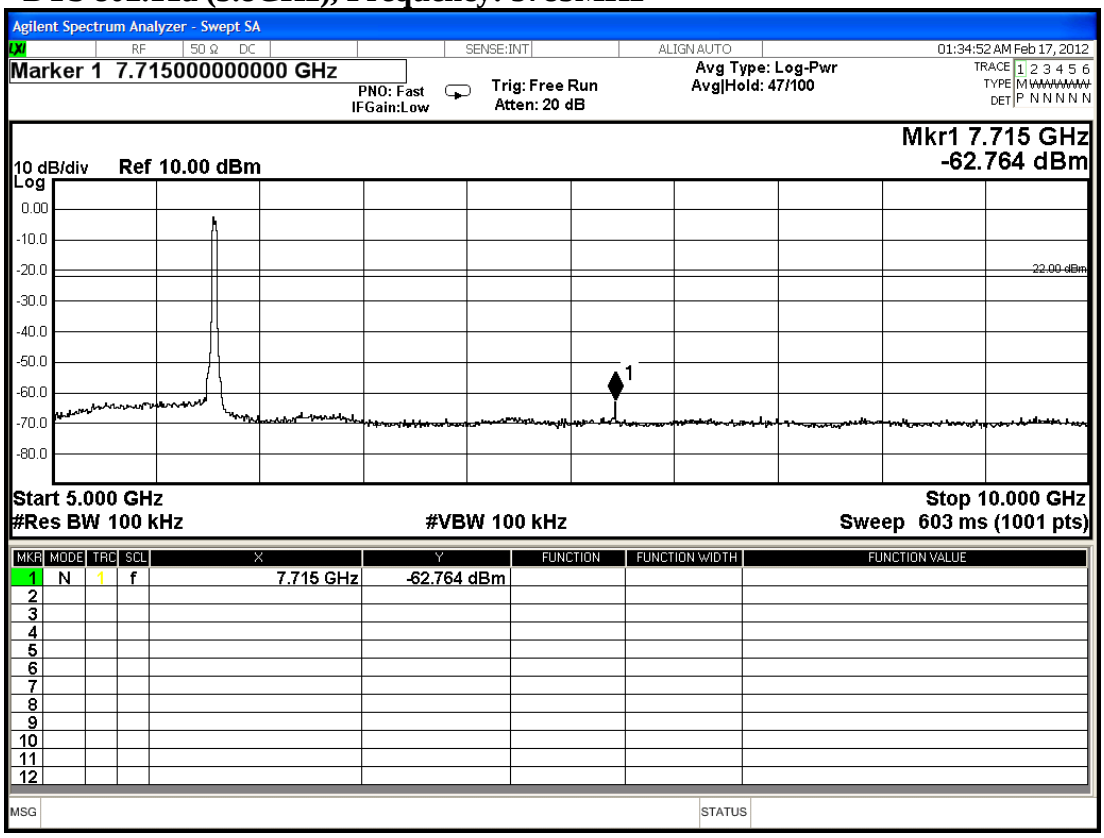

Agilent Spectrum Analyzer - Swept SA
RF
50 Ω DC
SENSE:INT
ALIGN AUTO
01:49:27 AM Feb 04, 2012
Stop Freq 20.000000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
Atten: 16 dB
Avg Type: Log-Pwr
Avg|Hold: 29/100
TRACE 1 2 3 4 5 6
TYPE M WWWWW
DET P N N N N N
10 dB/div
Log
Ref 5.00 dBm
-5.00
-15.0
-25.0
-35.0
-45.0
-55.0
-65.0
-75.0
-85.0
-18.50 dBm
Start 15.000 GHz
#Res BW 100 kHz
#VBW 100 kHz
Stop 20.000 GHz
Sweep 603 ms (1001 pts)
MKR MODE TRC SCL X Y FUNCTION FUNCTION WIDTH FUNCTION VALUE
1
2
3
4
5
6
7
8
9
10
11
12
MSG
STATUS

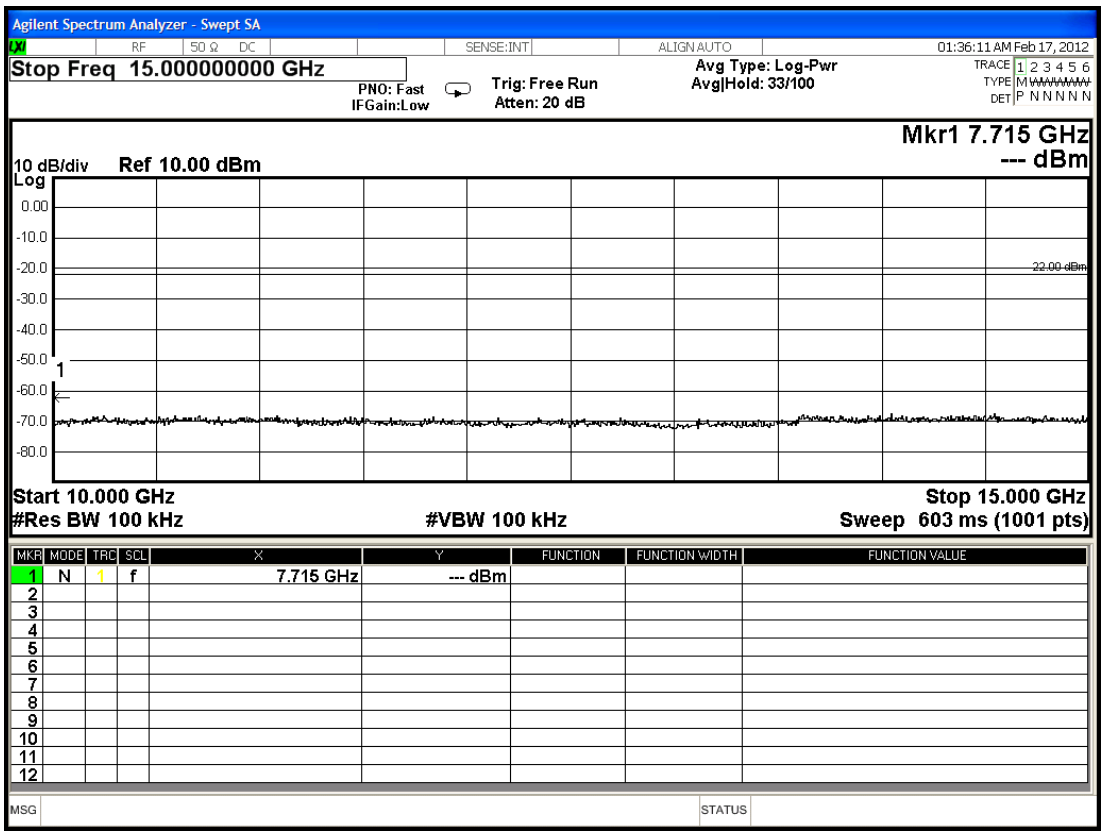

Agilent Spectrum Analyzer - Swept SA
RF
50 Ω DC
SENSE:INT
ALIGN AUTO
01:50:02 AM Feb 04, 2012
Stop Freq 25.000000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
Atten: 16 dB
Avg Type: Log-Pwr
Avg|Hold: 30/100
TRACE 1 2 3 4 5 6
TYPE M WWWWW
DET P N N N N N
10 dB/div
Log
Ref 5.00 dBm
-5.00
-15.0
-25.0
-35.0
-45.0
-55.0
-65.0
-75.0
-85.0
-18.50 dBm
Start 20.000 GHz
#Res BW 100 kHz
#VBW 100 kHz
Stop 25.000 GHz
Sweep 603 ms (1001 pts)
MKR MODE TRC SCL X Y FUNCTION FUNCTION WIDTH FUNCTION VALUE
1
2
3
4
5
6
7
8
9
10
11
12
MSG
STATUS

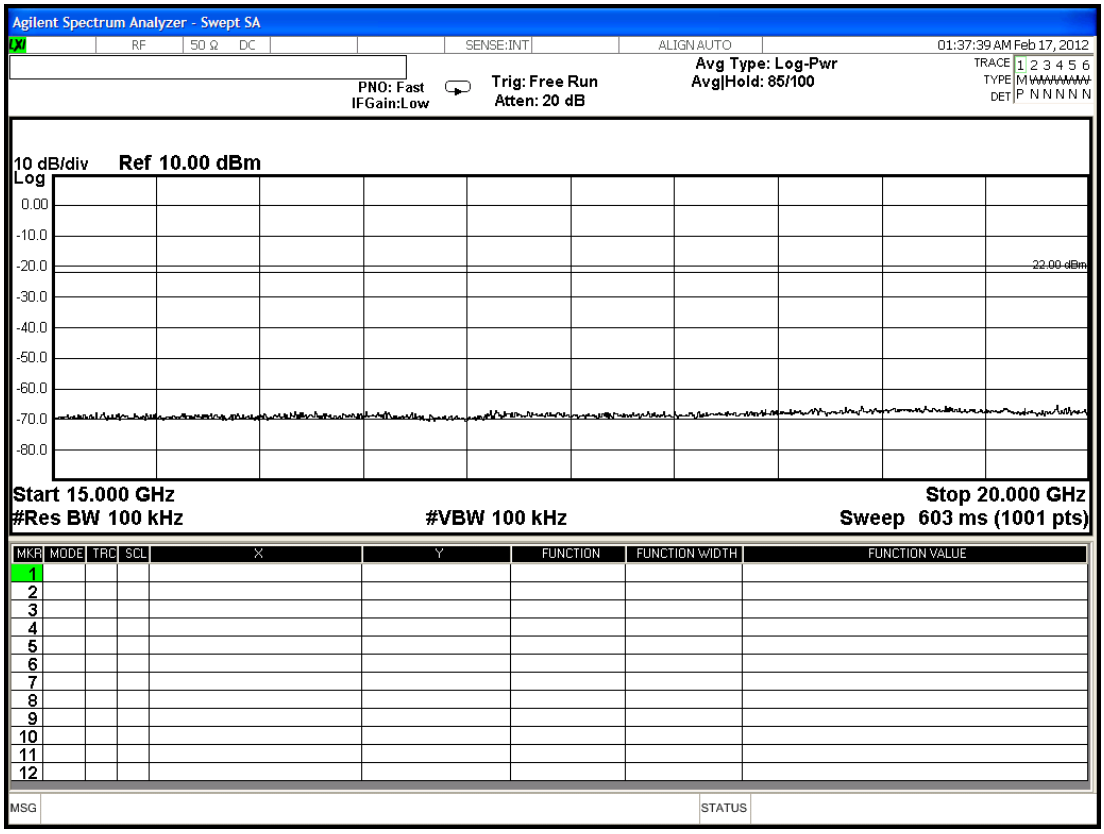

Agilent Spectrum Analyzer - Swept SA
RF
50 Ω DC
SENSE:INT
ALIGN AUTO
01:52:47 AM Feb 04, 2012
Stop Freq 2.000000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
Atten: 16 dB
Avg Type: Log-Pwr
Avg|Hold:>100/100
TRACE 1 2 3 4 5 6
TYPE M WWWWW
DET P N N N N N
10 dB/div
Log
Ref 5.00 dBm
-5.00
-15.0
-25.0
-35.0
-45.0
-55.0
-65.0
-75.0
-85.0
-18.50 dBm
Start 30.0 MHz
#Res BW 100 kHz
#VBW 100 kHz
Stop 2.0000 GHz
Sweep 238 ms (1001 pts)
MKR MODE TRC SCL X Y FUNCTION FUNCTION WIDTH FUNCTION VALUE
1
2
3
4
5
6
7
8
9
10
11
12
MSG
STATUS

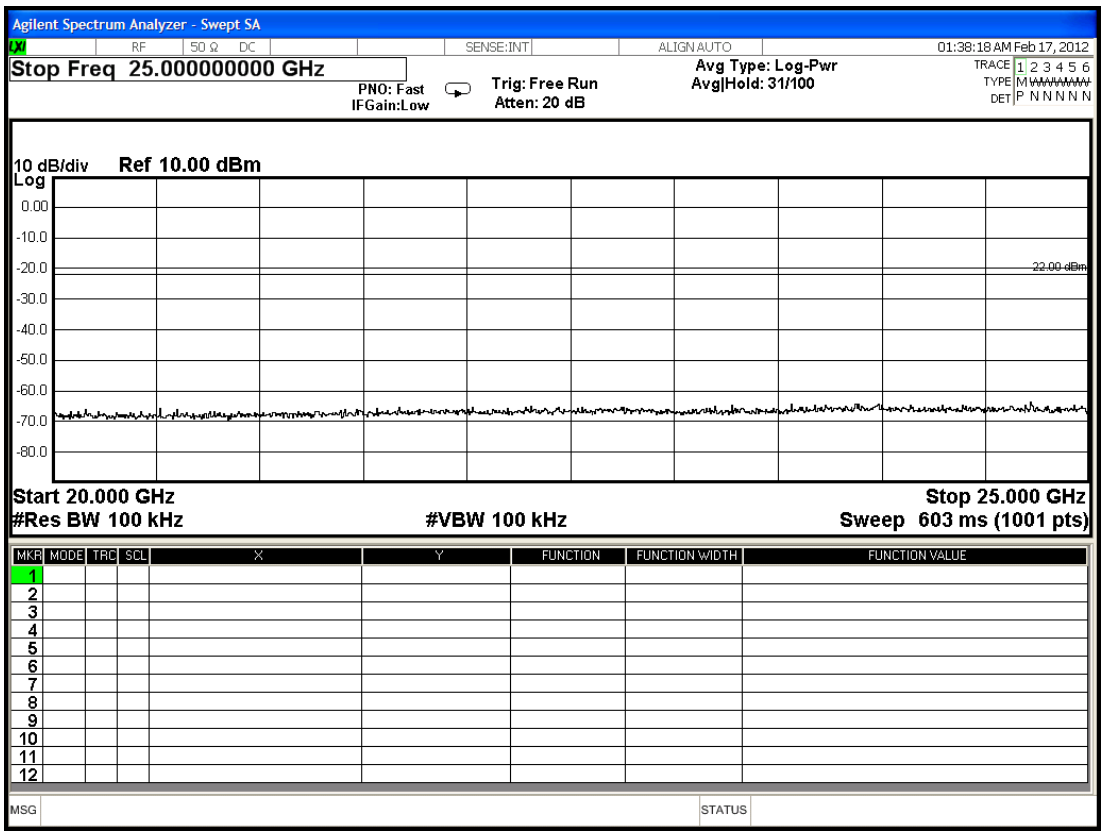

Agilent Spectrum Analyzer - Swept SA
RF
50 Ω DC
SENSE:INT
ALIGN AUTO
01:53:47 AM Feb 04, 2012
Marker 2 3.830000000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
Atten: 16 dB
Avg Type: Log-Pwr
Avg|Hold: 79/100
TRACE 1 2 3 4 5 6
TYPE M WWWWW
DET P N N N N N
Mkr2 3.830 GHz
-65.634 dBm
10 dB/div
Log
Ref 5.00 dBm
-5.00
-15.0
-25.0
-35.0
-45.0
-55.0
-65.0
-75.0
-85.0
-18.50 dBm
1
2
Start 2.000 GHz
#Res BW 100 kHz
#VBW 100 kHz
Stop 5.000 GHz
Sweep 362 ms (1001 pts)
MKR MODE TRC SCL X Y FUNCTION FUNCTION WIDTH FUNCTION VALUE
1 N 1 f 2.441 GHz -70.375 dBm
2 N 1 f 3.830 GHz -65.634 dBm
3
4
5
6
7
8
9
10
11
12
MSG
STATUS

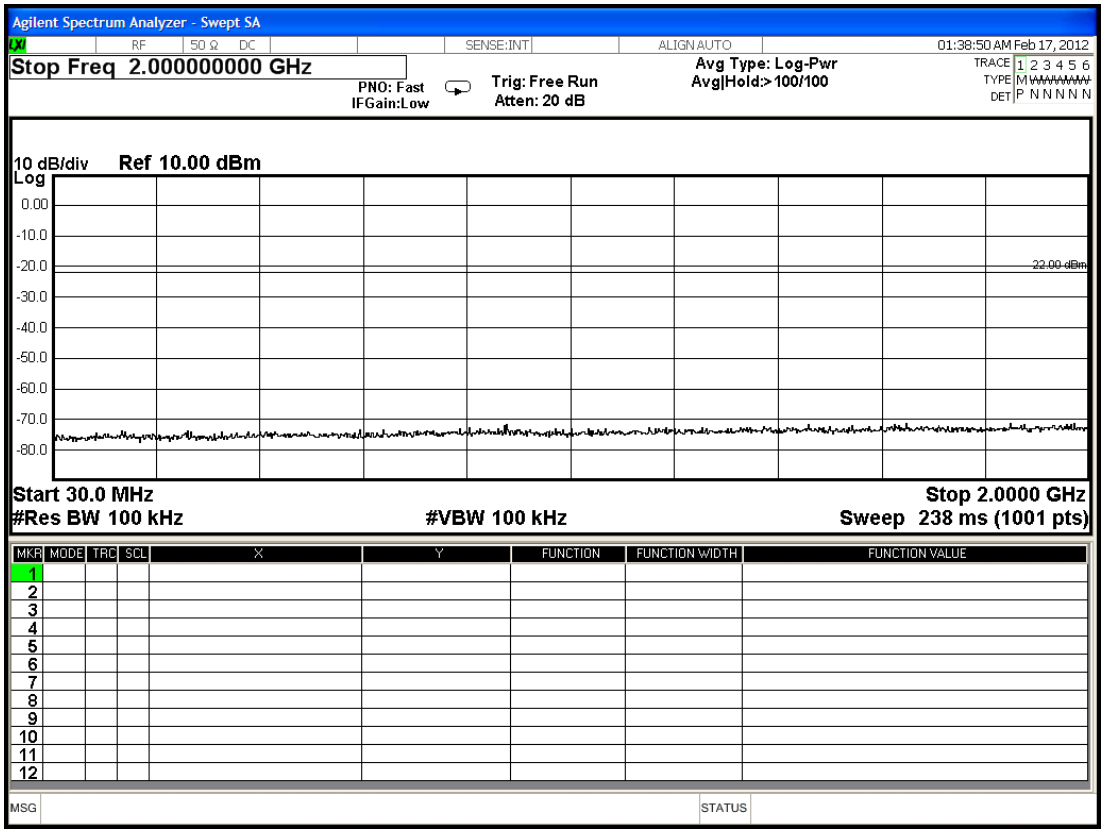
DTS 802.11a (5.8GHz), Frequency: 5785MHz

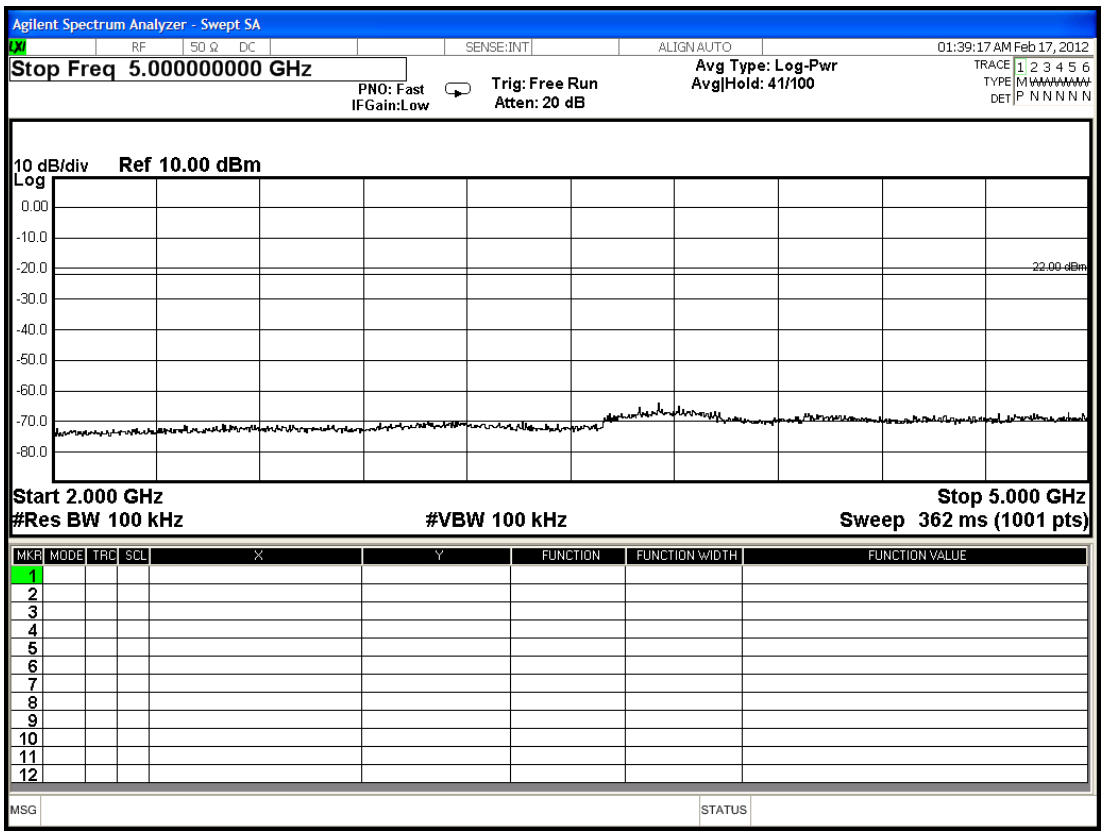




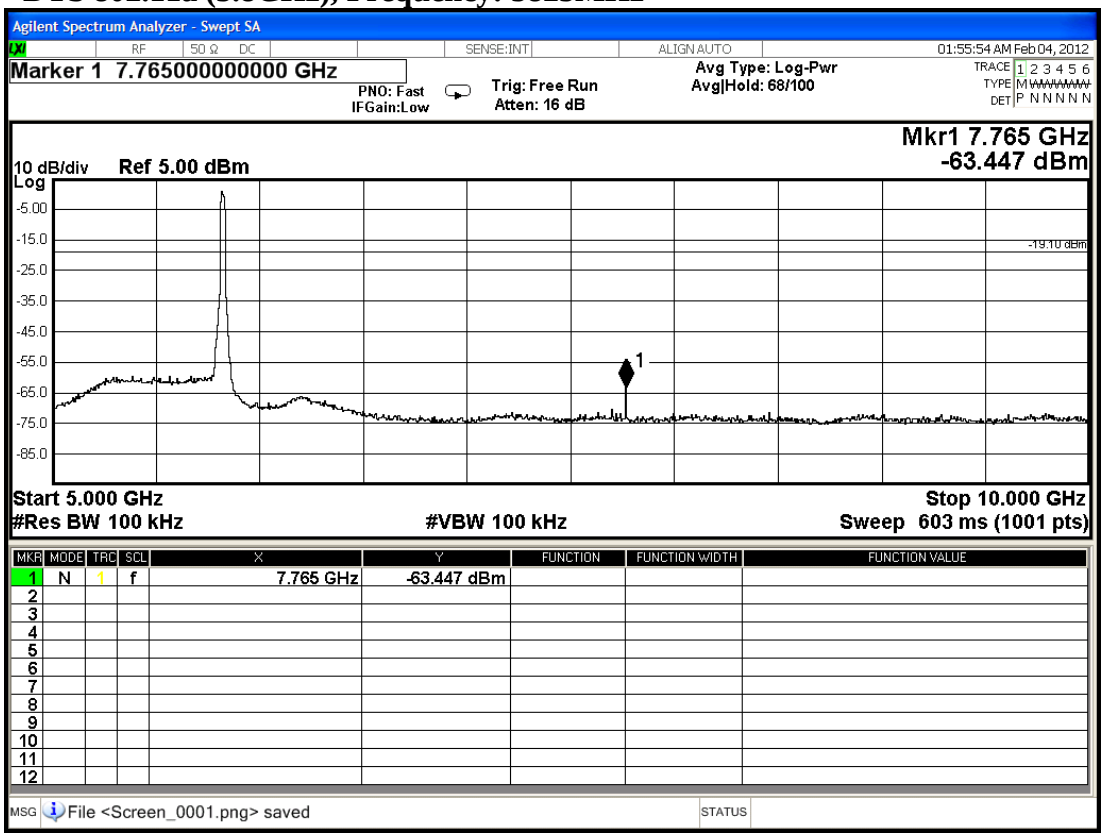

Agilent Spectrum Analyzer - Swept SA
RF
50 Ω DC
SENSE:INT
ALIGN AUTO
01:37:39 AM Feb 17, 2012
PNO: Fast
IFGain:Low
Trig: Free Run
Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold: 85/100
TRACE 1 2 3 4 5 6
TYPE M WWWWW
DET P N N N N N
10 dB/div
Log
Ref 10.00 dBm
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
-80.0
22.00 dBm
Start 15.000 GHz
#Res BW 100 kHz
#VBW 100 kHz
Stop 20.000 GHz
Sweep 603 ms (1001 pts)
MKR MODE TRC SCL X Y FUNCTION FUNCTION WIDTH FUNCTION VALUE
1
2
3
4
5
6
7
8
9
10
11
12
MSG
STATUS

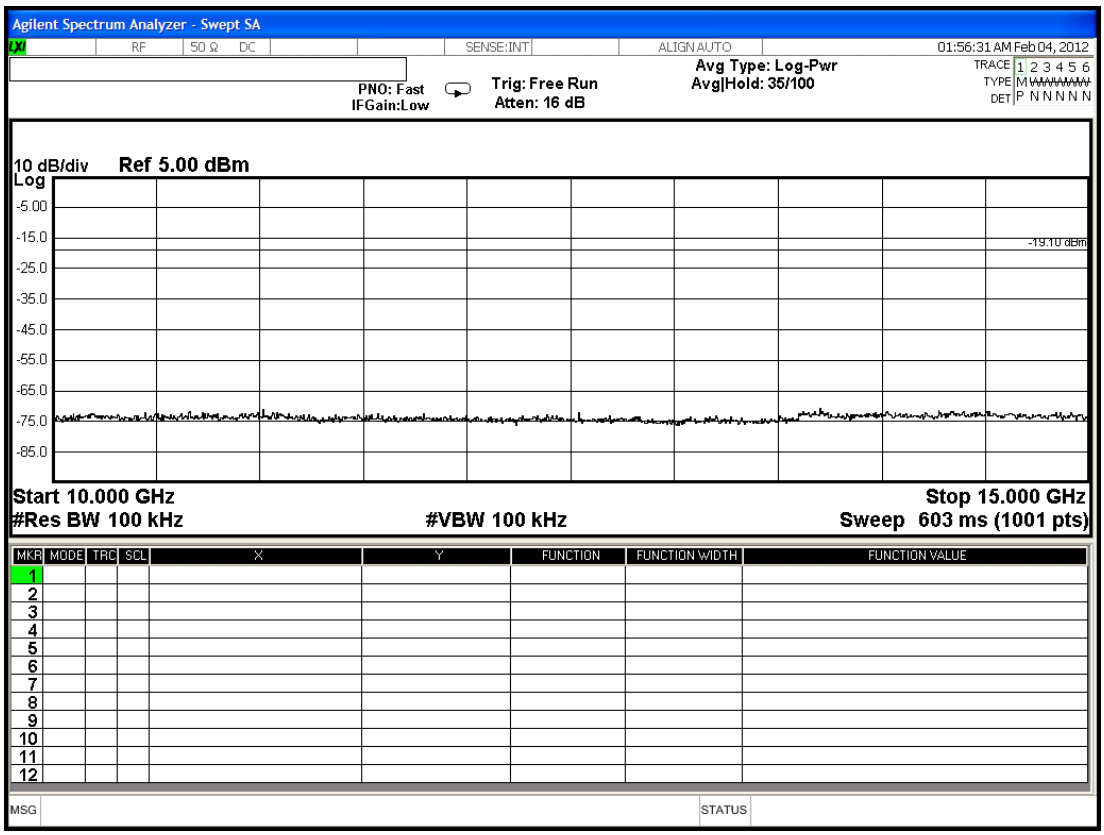

Agilent Spectrum Analyzer - Swept SA
RF
50 Ω DC
SENSE:INT
ALIGN AUTO
01:38:18 AM Feb 17, 2012
Stop Freq 25.000000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold: 31/100
TRACE 1 2 3 4 5 6
TYPE M WWWWW
DET P N N N N N
10 dB/div
Log
Ref 10.00 dBm
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
-80.0
22.00 dBm
Start 20.000 GHz
#Res BW 100 kHz
#VBW 100 kHz
Stop 25.000 GHz
Sweep 603 ms (1001 pts)
MKR MODE TRC SCL X Y FUNCTION FUNCTION WIDTH FUNCTION VALUE
1
2
3
4
5
6
7
8
9
10
11
12
MSG
STATUS

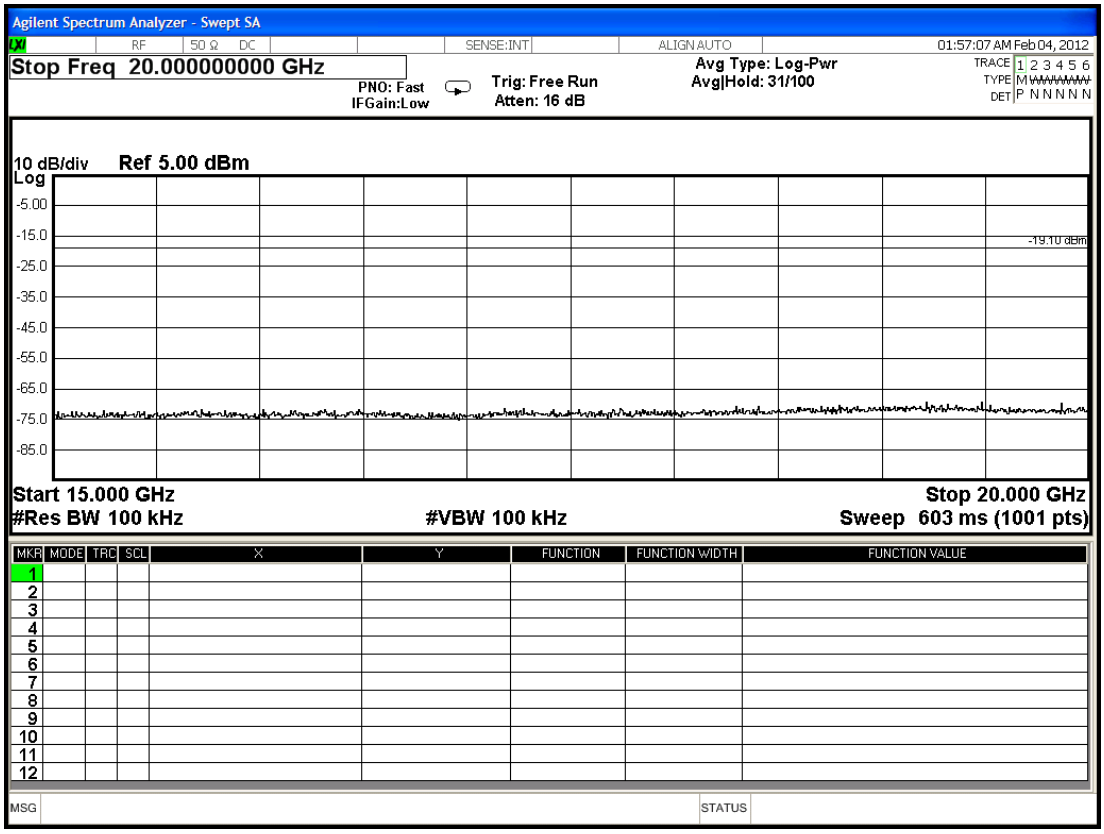

Agilent Spectrum Analyzer - Swept SA
RF
50 Ω DC
SENSE:INT
ALIGN AUTO
01:38:50 AM Feb 17, 2012
Stop Freq 2.000000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold:>100/100
TRACE 1 2 3 4 5 6
TYPE M WWWWW
DET P N N N N N
10 dB/div
Log
Ref 10.00 dBm
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
-80.0
22.00 dBm
Start 30.0 MHz
#Res BW 100 kHz
#VBW 100 kHz
Stop 2.0000 GHz
Sweep 238 ms (1001 pts)
MKR MODE TRC SCL X Y FUNCTION FUNCTION WIDTH FUNCTION VALUE
1
2
3
4
5
6
7
8
9
10
11
12
MSG
STATUS

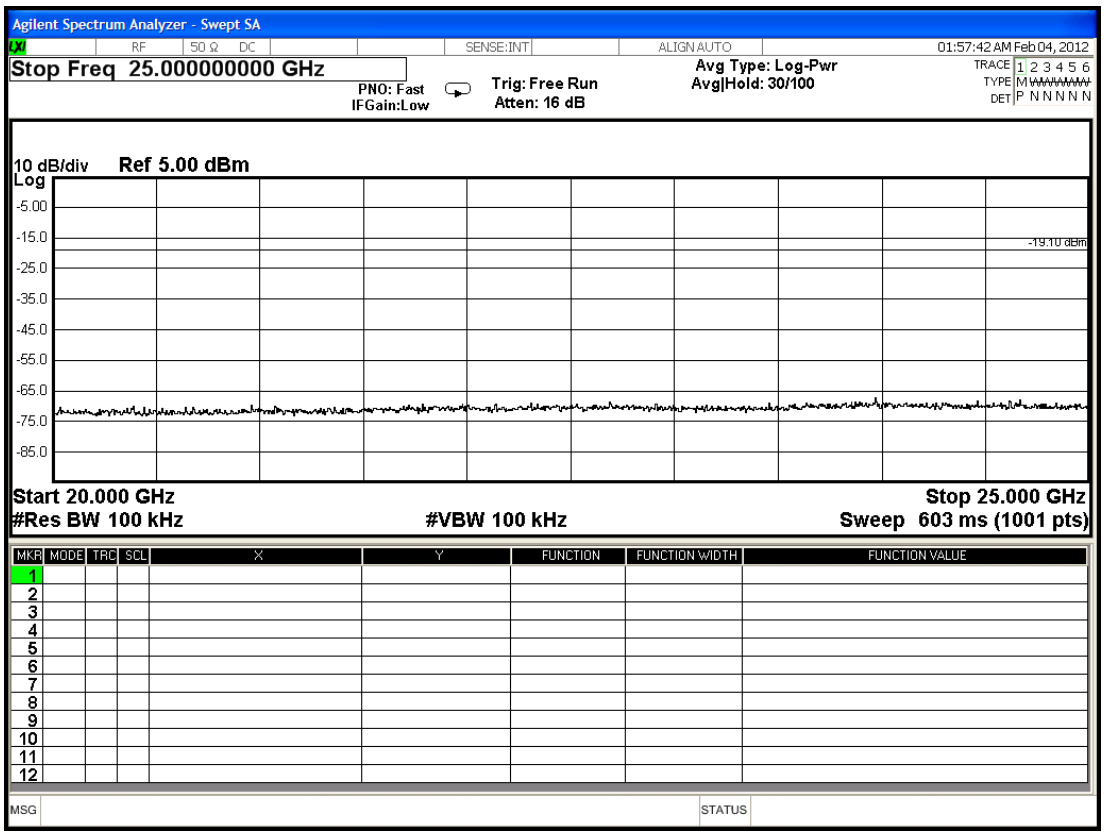

Agilent Spectrum Analyzer - Swept SA
RF
50 Ω DC
SENSE:INT
ALIGN AUTO
01:39:17 AM Feb 17, 2012
Stop Freq 5.000000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
Atten: 20 dB
Avg Type: Log-Pwr
Avg|Hold: 41/100
TRACE 1 2 3 4 5 6
TYPE M WWWWW
DET P N N N N N
10 dB/div
Log
Ref 10.00 dBm
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
-80.0
22.00 dBm
Start 2.000 GHz
#Res BW 100 kHz
#VBW 100 kHz
Stop 5.000 GHz
Sweep 362 ms (1001 pts)
MKR MODE TRC SCL X Y FUNCTION FUNCTION WIDTH FUNCTION VALUE
1
2
3
4
5
6
7
8
9
10
11
12
MSG
STATUS

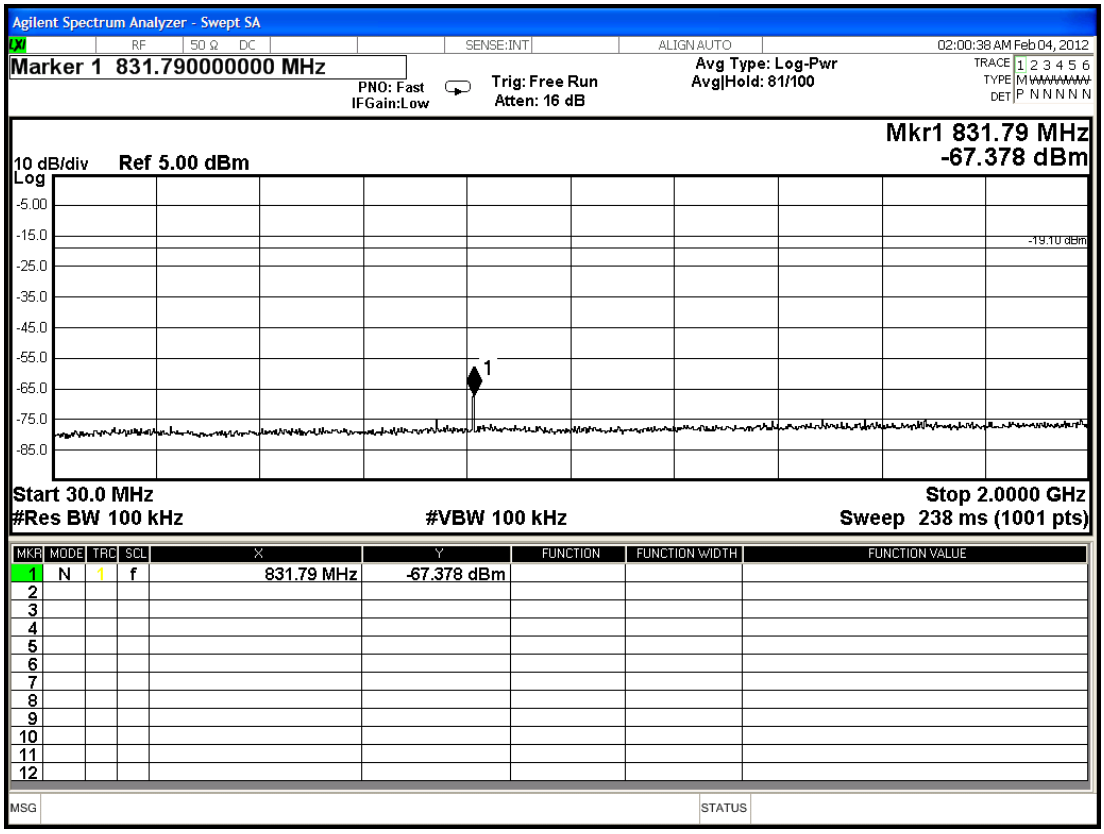
DTS 802.11a (5.8GHz), Frequency: 5825MHz

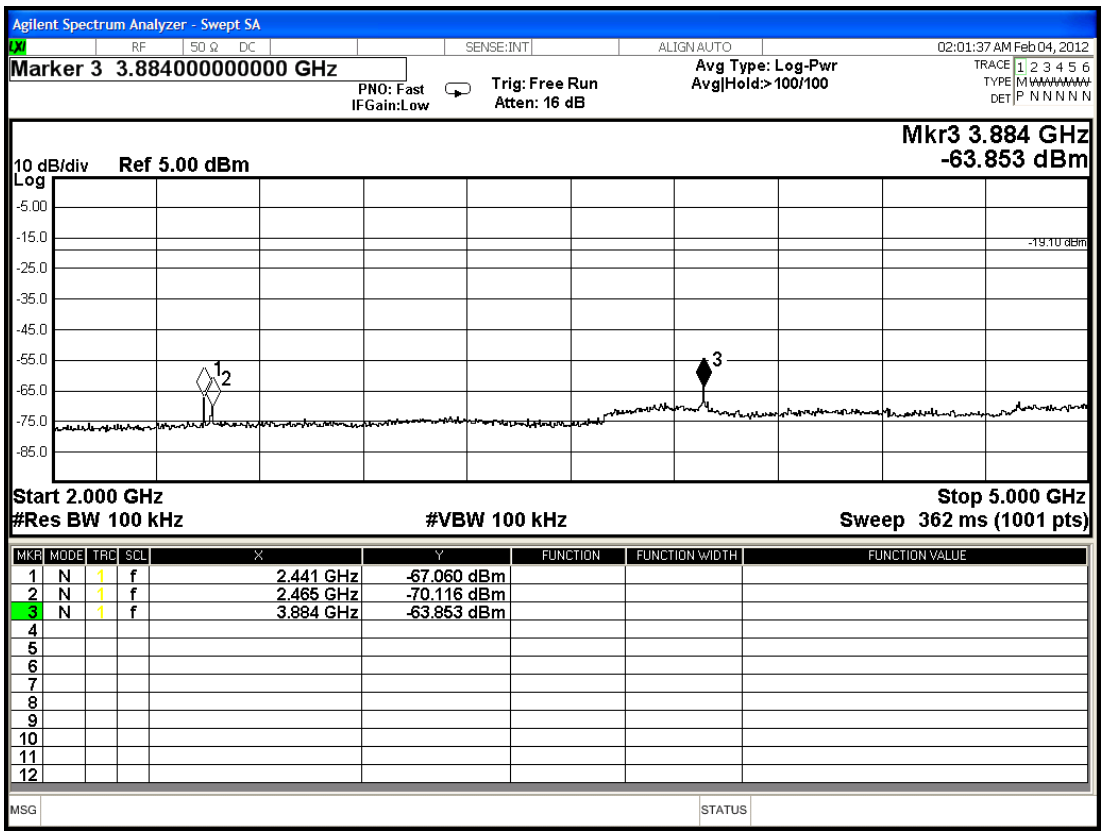





Agilent Spectrum Analyzer - Swept SA
RF
50 Ω DC
SENSE:INT
ALIGN AUTO
01:57:07 AM Feb 04, 2012
Stop Freq 20.000000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
Atten: 16 dB
Avg Type: Log-Pwr
Avg|Hold: 31/100
TRACE 1 2 3 4 5 6
TYPE M WWWWW
DET P N N N N N
10 dB/div
Log
Ref 5.00 dBm
-5.00
-15.0
-25.0
-35.0
-45.0
-55.0
-65.0
-75.0
-85.0
-19.10 dBm
Start 15.000 GHz
#Res BW 100 kHz
#VBW 100 kHz
Stop 20.000 GHz
Sweep 603 ms (1001 pts)
MKR MODE TRC SCL X Y FUNCTION FUNCTION WIDTH FUNCTION VALUE
1
2
3
4
5
6
7
8
9
10
11
12
MSG
STATUS


Agilent Spectrum Analyzer - Swept SA
RF
50 Ω DC
SENSE:INT
ALIGN AUTO
01:57:42 AM Feb 04, 2012
Stop Freq 25.000000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
Atten: 16 dB
Avg Type: Log-Pwr
Avg|Hold: 30/100
TRACE 1 2 3 4 5 6
TYPE M WWWWW
DET P N N N N N
10 dB/div
Log
Ref 5.00 dBm
-5.00
-15.0
-25.0
-35.0
-45.0
-55.0
-65.0
-75.0
-85.0
-19.10 dBm
Start 20.000 GHz
#Res BW 100 kHz
#VBW 100 kHz
Stop 25.000 GHz
Sweep 603 ms (1001 pts)
MKR MODE TRC SCL X Y FUNCTION FUNCTION WIDTH FUNCTION VALUE
1
2
3
4
5
6
7
8
9
10
11
12
MSG
STATUS


Agilent Spectrum Analyzer - Swept SA
RF 50 Ω DC
SENSE:INT
ALIGN AUTO
02:00:38 AM Feb 04, 2012
Marker 1 831.790000000 MHz
PNO: Fast
IFGain:Low
Trig: Free Run
Atten: 16 dB
Avg Type: Log-Pwr
Avg|Hold: 81/100
TRACE 1 2 3 4 5 6
TYPE M WWWWW
DET P N N N N N
Mkr1 831.79 MHz
-67.378 dBm
10 dB/div
Log
Ref 5.00 dBm
-5.00
-15.0
-25.0
-35.0
-45.0
-55.0
-65.0
-75.0
-85.0
-19.10 dBm
Start 30.0 MHz
#Res BW 100 kHz
#VBW 100 kHz
Stop 2.0000 GHz
Sweep 238 ms (1001 pts)
MKR MODE TRC SCL X Y FUNCTION FUNCTION WIDTH FUNCTION VALUE
1 N 1 f 831.79 MHz -67.378 dBm
MSG
STATUS


Agilent Spectrum Analyzer - Swept SA
RF 50 Ω DC
SENSE:INT
ALIGN AUTO
02:01:37 AM Feb 04, 2012
Marker 3 3.884000000000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
Atten: 16 dB
Avg Type: Log-Pwr
Avg|Hold:>100/100
TRACE 1 2 3 4 5 6
TYPE M WWWWW
DET P N N N N N
Mkr3 3.884 GHz
-63.853 dBm
10 dB/div
Log
Ref 5.00 dBm
-5.00
-15.0
-25.0
-35.0
-45.0
-55.0
-65.0
-75.0
-85.0
-19.10 dBm
Start 2.000 GHz
#Res BW 100 kHz
#VBW 100 kHz
Stop 5.000 GHz
Sweep 362 ms (1001 pts)
MKR MODE TRC SCL X Y FUNCTION FUNCTION WIDTH FUNCTION VALUE
1 N 1 f 2.441 GHz -67.060 dBm
2 N 1 f 2.465 GHz -70.116 dBm
3 N 1 f 3.884 GHz -63.853 dBm
MSG
STATUS