

APPLICATION FOR CERTIFICATION

On Behalf of

ACCTON Technology Corporation

EliteConnect™ Dualband Wireless Cardbus Adapter

Model No. : SMC2536W-AG2

FCC ID : HEDSMC2536WAG2

Brand : SMC

Prepared for : ACCTON Technology Corporation
No.1 Creation Rd. III, Science-based Industrial
Park, Hsinchu 3077, Taiwan, R.O.C.

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Date of Report : Jun. 30, 2008

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TEST REPORT CERTIFICATION

Applicant : ACCTON Technology Corporation
 Manufacturer : TP-LINK Technologies Co., Ltd.
 EUT Description : EliteConnect™ Dualband Wireless Cardbus Adapter
 FCC ID : HEDSMC2536WAG2
 (A) Model Number : SMC2536W-AG2
 (B) Serial Number : N/A
 (C) Brand : SMC
 (D) Power Supply : DC 3.3V
 (E) Test Voltage : AC 120V/60Hz
 (Via Notebook Computer)

Measurement Procedure Used:

FCC RULES AND REGULATIONS PART 15 SUBPART C, Sep. 2007
AND ANSI C63.4/2003

(FCC CFR 47 Part 15C, §15.205, §15.207, §15.209 and 15.407)

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 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 FCC official limits.

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: May 29 ~ Jun. 17, 2008

Prepared by: Tina Huang Jun. 30, 2008
(Tina Huang/Administrator)

Test Engineer: Ben Cheng Jun. 30, 2008
(Ben Cheng/Deputy Manager)

Approved & Authorized Signer: Leon Liu Jun. 30 2008
(Leon Liu/Vice President)

1. GENERAL INFORMATION

1.1. Description of Device (EUT)

Description	:	EliteConnect™ Dualband Wireless Cardbus Adapter The frequency range of 5150MHz – 5350MHz was tested in this report. The frequency range of 5725MHz – 5850MHz has been tested and the test data are documented in other report of EM-F970331. The frequency range of 2400MHz ~ 2483.5MHz has been tested and the test data are documented in other report. The Dynamic Frequency Selection (DFS) has bee tested at ADT Corporation and test data are documented in other report of RE97053L02.
Model Number	:	SMC2536W-AG2
Serial Number	:	N/A
Brand	:	SMC
FCC ID	:	HEDSMC2536WAG2
Applicant	:	ACCTON Technology Corporation No.1 Creation Rd. III, Science-based Industrial Park, Hsinchu 3077, Taiwan, R.O.C.
Manufacturer	:	TP-LINK Technologies Co., Ltd. Building 7, Second Part, Honghualing Industrial Zone, Xili town, Nanshan district, Shenzhen, China.
Radio Technology	:	DSSS Modulation (802.11b) OFDM Modulation (802.11a & 802.11g)
Frequency	:	2400MHz – 2483.5MHz and 5150MHz – 5350MHz and 5725MHz – 5850MHz
Tested Frequency	:	5180MHz (Channel 36) 5200MHz (Channel 40) 5240MHz (Channel 48) 5260MHz (Channel 52) 5280MHz (Channel 56) 5320MHz (Channel 64)

Number of Channel : 13 channels (2.4GHz frequency range)
 19 channels (5GHz frequency range)

Radio Data Rate : 11/5.5/3/2/1Mbps or
 54/48/36/24/18/12/9/6Mbps

Antenna Gain : 5150MHz – 5350MHz: 4.09dBi

Date of Receipt of Sample : Mar. 18, 2008

Date of Test : May 29 ~ Jun. 17, 2008

1.2. Tested Supporting System Details

1.2.1. NOTEBOOK COMPUTER

Model Number : PP2130
 Serial Number : 5Y32KSQZ40ME
 FCC ID : By DoC
 BSMI ID : 3912A556
 Manufacturer : LG (Brand: Compaq)
 AC Adapter : COMPAQ, M/N:PA-1650-02C
 FCC By DoC
 DC Cord: Non-Shielded, Undetachable, 1.8m

Power Cord : Non-Shielded, Detachable, 1.8m

1.2.2. 15" LCD MONITOR

Model Number : D5063
 Serial Number : CN206A6484
 FCC ID : ARSLM562H
 BSMI ID : R33037
 Manufacturer : Top Victory (Brand: HP)
 D-Sub Cable : Shielded, Detachable, 2.8m
 Bonded two ferrite cores

Power Cord : Non-Shielded, Detachable, 1.8m

1.2.3. USB MOUSE

Model Number : M-UV69a
 Serial Number : HCB60403088
 FCC ID : By DoC
 BSMI ID : T4A126
 Manufacturer : LOGITECH (Brand: ASUS)
 USB Cable : Shielded, Undetachable, 1.8m

1.2.4. DOT MATRIX PRINTER

Model Number : KX-P2135
 Serial Number : 8DMCNC02144
 BSMI ID : 3872A371
 FCC ID : ACJ5Z6KX-P2135
 Brand : Panasonic
 Manufacturer : Matsushita
 Data Cable : Shielded, Detachable, 1.5m
 Power Cord : Non-Shielded, Undetachable, 1.8m

1.2.5. PARTNER NOTEBOOK COMPUTER

Model Number : PP2170
 Serial Number : CNU447ESK9
 FCC ID : By DoC
 Manufacturer : Compaq
 AC Adapter : hp, M/N:PPP009H
 FCC By DoC, BSMI ID: D33036
 DC Cord: Non-Shielded, Undetachable, 1.8m
 Power Cord : Non-Shielded, Detachable, 1.8m

1.2.6. DUAL-BAND WIRELESS-N GIGABIT ROUTER

Model Number : WRT600N
 Serial Number : MNR007A00805
 FCC ID : Q87-WRT600NV1
 Manufacturer : Linksys
 LAN Cable : Non-Shielded, Detachable, 0.5m
 AC Adapter : BVE, M/N:DSA-36W-12
 FCC By DoC
 DC Cord: Non-Shielded, Detachable, 1.8m
 Power Cord : Non-Shielded, Detachable, 1.8m

1.3. Description of Test Facility

Name of Firm : **AUDIX Technology Corporation**
EMC Department
 No. 53-11, Tin-Fu Tsun, Lin-Kou Hsiang,
 Taipei Hsien, Taiwan

Test Site : **No. 2 Shielded Room**
 (C2/AC) No. 53-11, Tin-Fu Tsun, Lin-Kou Hsiang,
 Taipei Hsien, Taiwan.

Semi-Anechoic Chamber
 No. 53-11, Tin-Fu Tsun, Lin-Kou Hsiang,
 Taipei Hsien, Taiwan.
 May 16, 2006 Renewal on
 Federal Communication Commission
 Registration Number: 90993

NVLAP Lab. Code : 200077-0
 (NVLAP is a NATA accredited body under Mutual Recognition Agreement)

1.4. 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
26dB Bandwidth	± 0.2kHz
Emission Limitations	± 0.13dB
Maximum peak output power	± 0.33dBm
Band edges	± 0.13dB
Power spectral density	± 0.13dB
Peak power Excursion	± 0.14dB
Frequency Stability	± 0.01%

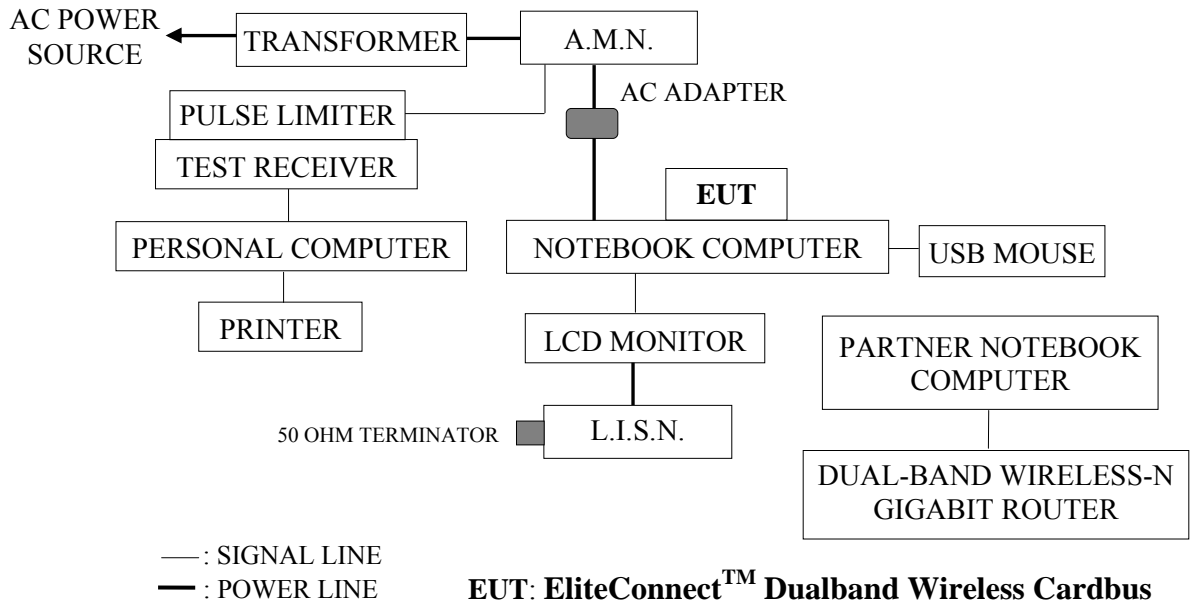
2. CONDUCTED EMISSION MEASUREMENT

2.1. Test Equipment

The following test equipment was used during the powerline conducted emission measurement: (No. 2 Shielded Room)

Item	Type	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
1.	Test Receiver	R & S	ESCS30	100265	Sep. 04, 07'	Sep. 03, 08'
2.	A.M.N.	R & S	ESH2-Z5	890485/023	Jan. 24, 08'	Jan. 23, 09'
3.	L.I.S.N.	Kyoritsu	KNW-407	8-855-9	Mar. 24, 08'	Mar. 23, 09'
4.	Pulse Limiter	R & S	ESH3Z2	001	Feb. 22, 08'	Feb. 21, 09'

2.2. Block Diagram of Test Setup



2.3. Powerline Conducted Emission Limit (§15.207, Class B)

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

- 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 Notebook Computer run test software “Windows Command” to ping partner Notebook computer through EUT (EliteConnect™ Dualband Wireless Cardbus Adapter) and dual-band wireless-N gigabit router during the testing.
- 2.4.4. The other peripheral devices were driven and operated in turn during all testing.

2.5. Test Procedure

The EUT (link Notebook Computer) was put on table which was above the ground by 80cm and Notebook Computer's AC adapter's power cord connected to the AC mains through an Artificial Mains Network (A.M.N.). The other peripheral devices power cord connected to the power mains through a line impedance stabilization network (L.I.S.N.). This provided a 50Ω coupling impedance for the tested 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 of equipment and all of the interface cables were changed according to FCC ANSI C63.4-2003 during conducted measurement.

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

The frequency range from 150kHz to 30MHz was pre-scanned with a peak detector.

The all final readings from test receiver were measured with 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. Powerline 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 listed in next pages.

EUT : EliteConnect™ Dualband Wireless Cardbus Adapter

M/N : SMC2536W-AG2

Test Date : Jun. 17, 2008

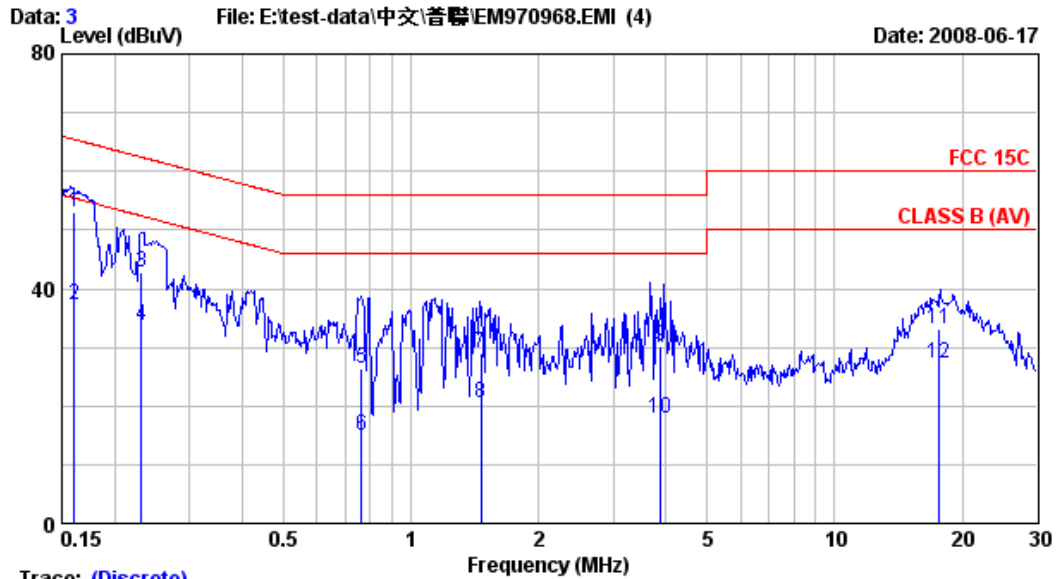
Temperature : 26°C

Humidity : 63%

Reference Test Data No.: Neutral: # 3 ; Line: #4



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Trace: (Discrete)

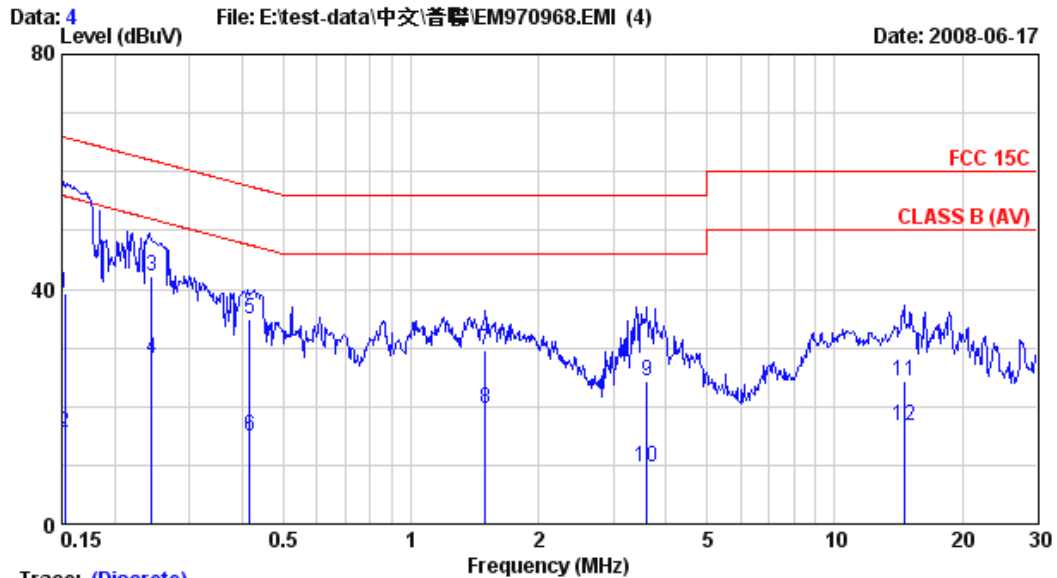
Site	: No.2 Shielded room	Data	: 3
Condition	: ESH2-Z5	Phase	: NEUTRAL
Limit	: FCC 15C		
Env. / Ins.	: 26*C,63% / ESCS 30	Engineer:	: Albert_Liang
EUT	: Dualband WLAN Cardbus Adapter		
Power Rating	: 120Vac/60Hz	M/N:	: SMC2536W-AG2
Test Mode	: OPERATING		

	Freq. (MHz)	LISN Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV)	Limits (dBuV)	Margin (dB)	Remark
1	0.160	0.10	0.24	52.63	52.97	65.45	12.48	QP
2	0.160	0.10	0.24	36.84	37.18	55.45	18.27	AVERAGE
3	0.231	0.10	0.27	42.55	42.92	62.40	19.48	QP
4	0.231	0.10	0.27	33.28	33.65	52.40	18.75	AVERAGE
5	0.765	0.17	0.38	25.91	26.46	56.00	29.54	QP
6	0.765	0.17	0.38	14.35	14.90	46.00	31.10	AVERAGE
7	1.460	0.20	0.40	28.29	28.89	56.00	27.11	QP
8	1.460	0.20	0.40	19.77	20.37	46.00	25.63	AVERAGE
9	3.881	0.20	0.40	29.54	30.14	56.00	25.86	QP
10	3.881	0.20	0.40	17.34	17.94	46.00	28.06	AVERAGE
11	17.650	0.46	0.70	31.96	33.12	60.00	26.88	QP
12	17.650	0.46	0.70	26.22	27.38	50.00	22.62	AVERAGE

Remarks: 1.Emission Level= LISN 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.



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Trace: (Discrete)

Site	: No.2 Shielded room	Data	: 4
Condition	: ESH2-Z5	Phase	: LINE
Limit	: FCC 15C		
Env. / Ins.	: 26°C,63% / ESCS 30	Engineer:	: Albert_Liang
EUT	: Dualband WLAN Cardbus Adapter		
Power Rating	: 120Vac/60Hz	M/N:	: SMC2536W-AG2
Test Mode	: OPERATING		

	Freq. (MHz)	LISN Factor (dB)	Cable Loss (dB)	Reading (dBµV)	Emission Level (dBµV)	Limits (dBµV)	Margin (dB)	Remark
1	0.153	0.10	0.24	38.98	39.32	65.86	26.54	QP
2	0.153	0.10	0.24	15.14	15.48	55.86	40.38	AVERAGE
3	0.245	0.10	0.28	41.75	42.13	61.93	19.80	QP
4	0.245	0.10	0.28	27.79	28.17	51.93	23.76	AVERAGE
5	0.417	0.10	0.32	34.35	34.78	57.51	22.73	QP
6	0.417	0.10	0.32	14.42	14.85	47.51	32.66	AVERAGE
7	1.500	0.20	0.40	28.98	29.58	56.00	26.42	QP
8	1.500	0.20	0.40	19.16	19.76	46.00	26.24	AVERAGE
9	3.608	0.20	0.40	23.74	24.34	56.00	31.66	QP
10	3.608	0.20	0.40	9.15	9.75	46.00	36.25	AVERAGE
11	14.590	0.39	0.70	23.13	24.22	60.00	35.78	QP
12	14.590	0.39	0.70	15.52	16.61	50.00	33.39	AVERAGE

Remarks: 1.Emission Level= LISN 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)

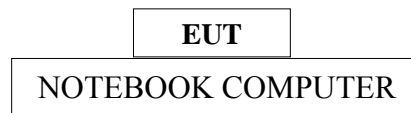
Item	Type	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
1.	Spectrum Analyzer	Agilent	E7405A	MY42000134	Jun. 27, 07'	Jun. 26, 08'
2.	Test Receiver	R & S	ESCS30	100265	Sep. 04, 07'	Sep. 03, 08'
3.	Pre-Amplifier	HP	8447D	2944A06305	Feb. 19, 08'	Feb. 18, 09'
4.	Biconical Antenna	CHASE	VBA6106A	1264	Apr. 10, 08'	Apr. 09, 09'
5.	Log Periodic Antenna	Schwarzbeck	UHALP91 08-A	0810	Apr. 10, 08'	Apr. 09, 09'

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	E7405A	MY42000134	Jun. 27, 07'	Jun. 26, 08'
2.	Pre-Amplifier	HP	8449B	3008A01284	Jun. 22, 07'	Jun. 21, 08'
3.	Horn Antenna	EMCO	3115	9112-3775	May 23, 07'	May 22, 08'
4.	Horn Antenna	EMCO	3116	2653	Oct. 04, 07'	Oct. 03, 08'

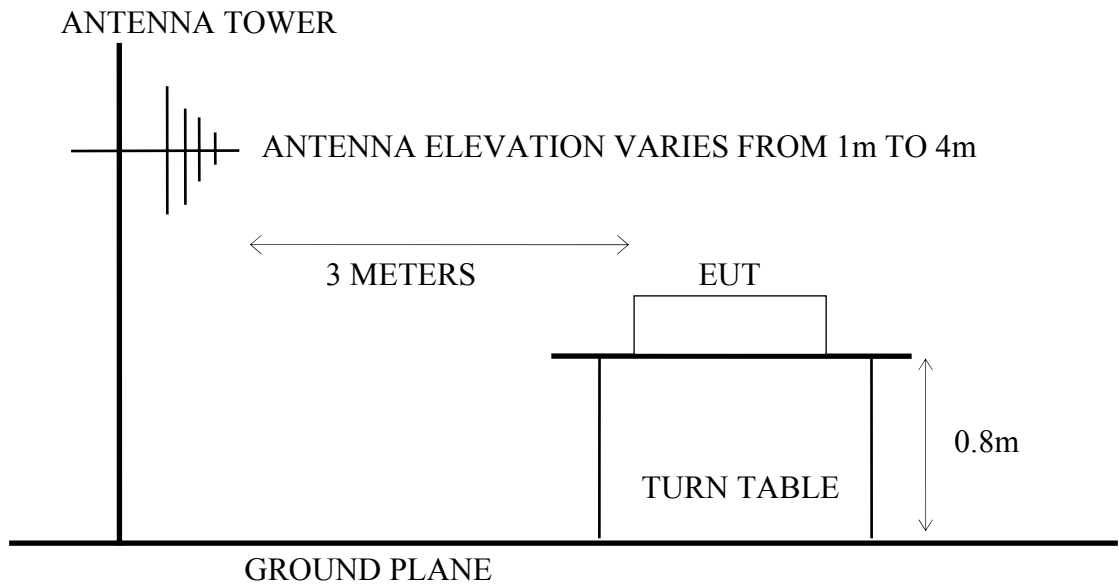
3.2. Test Setup

3.2.1. Block Diagram of connection between EUT and simulators

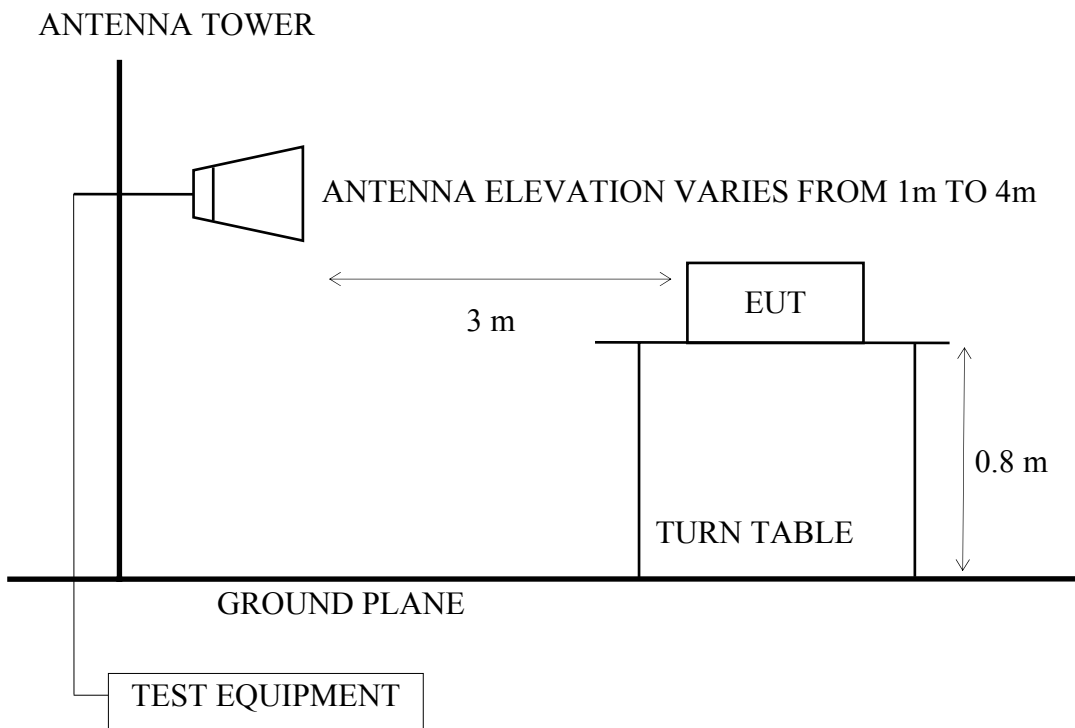


EUT: EliteConnect™ Dualband Wireless Cardbus

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)

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. Setup the EUT as shown on 3.2.
- 3.4.2. Turn on the power of all equipment.
- 3.4.3. The EUT was set the notebook computer using test program “ART_53B5_bin”.
- 3.4.4. The EUT was set to continuously transmit signals at 5180MHz, 5200MHz, 5240MHz, 5260MHz, 5280MHz and 5320MHz during testing.
- 3.4.5. The EUT was set to continuously receive signals at 5200MHz and 5280MHz during testing.

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 a 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 FCC ANSI C63.4-2003 regulation.

The bandwidth of the R&S Test Receiver ESCS30 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 40GHz (Up to 10th harmonics from fundamental frequency or 40GHz) was checked.

3.6. Test Results

PASSED.

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

EUT : EliteConnect™ Dualband Wireless Cardbus Adapter

M/N : SMC2536W-AG2

Test Date : May 29, 2008

Temperature : 26°C

Humidity : 49%

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	Channel	Frequency	Test Mode	Reference Test Data	
				Horizontal	Vertical
1.	36	5180MHz	Transmit	# 7	# 8
2.	40	5200MHz	Transmit	# 10	# 9
3.	48	5240MHz	Transmit	# 7	# 8
4.	52	5260MHz	Transmit	# 8	# 7
5.	56	5280MHz	Transmit	# 9	# 10
6.	64	5320MHz	Transmit	# 7	# 8
7.	40	5200MHz	Receive	# 2	# 1
8.	56	5280MHz	Receive	# 2	# 1

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

For Frequency above 1GHz:

The EUT with the following test modes were measured within semi-anechoic chamber. All the graphical results are attached in Appendix I and all the final readings are listed in section 3.6.2.

Mode	Channel	Frequency	Test Mode
1.	36	5180MHz	Transmit
2.	40	5200MHz	Transmit
3.	48	5240MHz	Transmit
4.	52	5260MHz	Transmit
5.	56	5280MHz	Transmit
6.	64	5320MHz	Transmit
7.	52	5200MHz	Receive
8.	56	5280MHz	Receive

* Above all final readings were measured with Peak detector and Average detector.

For Restricted Bands:

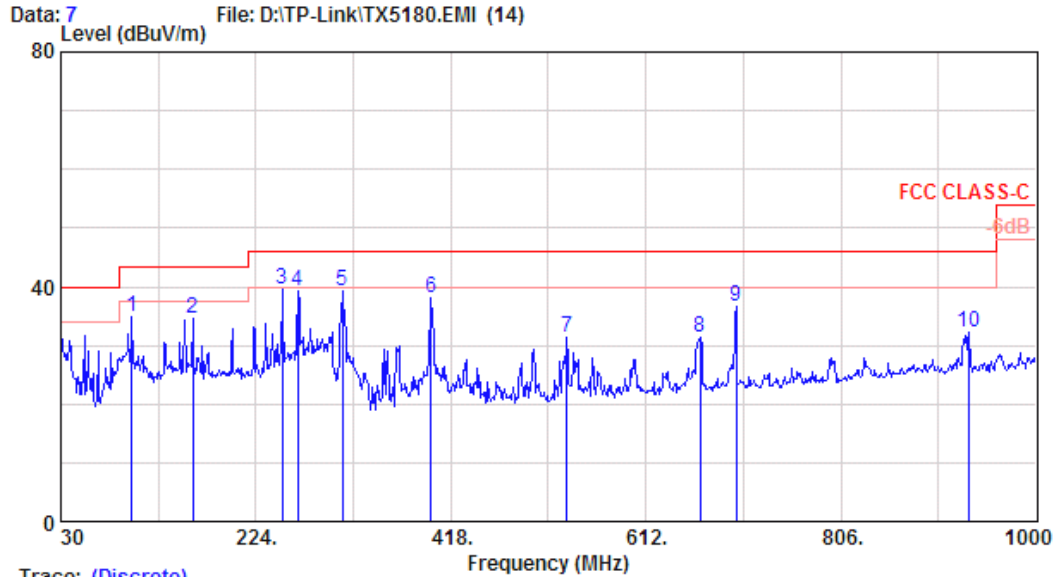
The EUT was tested in restricted bands and all the test results are listed in section 3.6.3. (The restricted bands defined in part 15.205(a))

Mode	Channel	Frequency	Test Mode	Reference Test Data	
				Horizontal	Vertical
1.	36	5180MHz	Transmit	# 4, #1	#3, #2
2.	64	5320MHz	Transmit	#8, #5	#7, #6

3.6.1. Frequency Range 30-1000MHz



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 Email:ttemc@ttemc.



Trace: (Discrete)

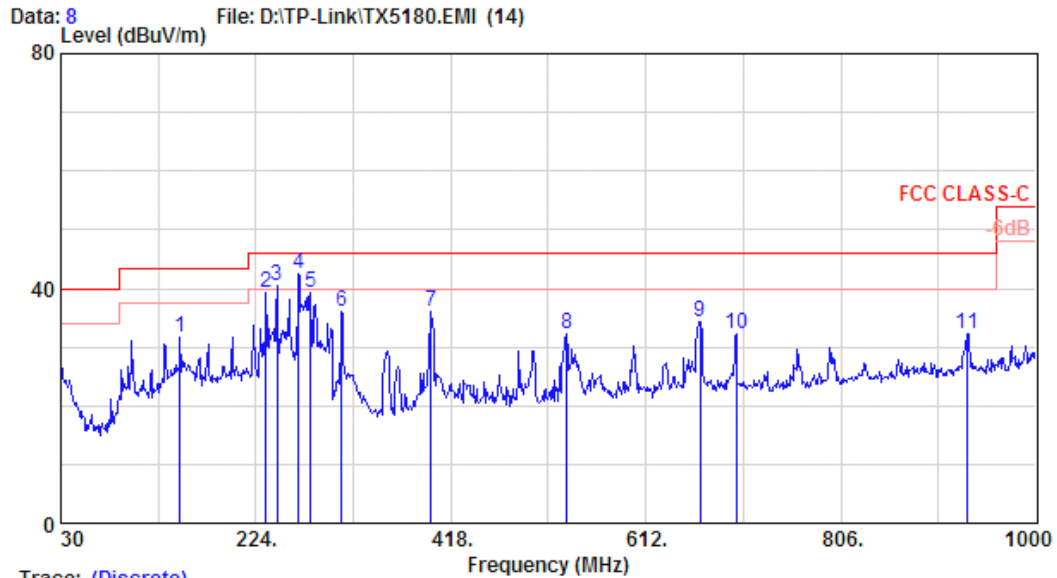
Site no. : A/C Chamber	Data no. : 7
Dis. / Ant. : 3m VBA6106A/UHALP9108A	Ant. pol. : HORIZONTAL
Limit : FCC CLASS-C	
Env. / Ins. : E7405A 26°C/49%	Engineer : Jarwei Wang
EUT : Wireless Cardbus Adapter	
Power Rating : 120Vac/60Hz M/N:SMC2536W-AG2	
Test Mode : TX5180MHz	

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBµV)	Emission Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Remark
1	100.810	17.17	0.65	17.01	34.83	43.50	8.67	
2	160.950	20.82	0.83	13.03	34.69	43.50	8.81	
3	250.190	23.83	1.07	14.59	39.49	46.00	6.51	
4	265.710	24.67	1.12	13.44	39.23	46.00	6.77	
5	310.330	14.93	1.18	23.25	39.35	46.00	6.65	
6	398.600	17.67	1.42	18.92	38.01	46.00	7.99	
7	533.430	19.61	1.67	10.05	31.33	46.00	14.67	
8	666.320	22.78	1.87	6.68	31.32	46.00	14.68	
9	702.210	23.53	1.90	11.12	36.56	46.00	9.44	
10	934.040	25.36	2.26	4.62	32.24	46.00	13.76	

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



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Trace: (Discrete)

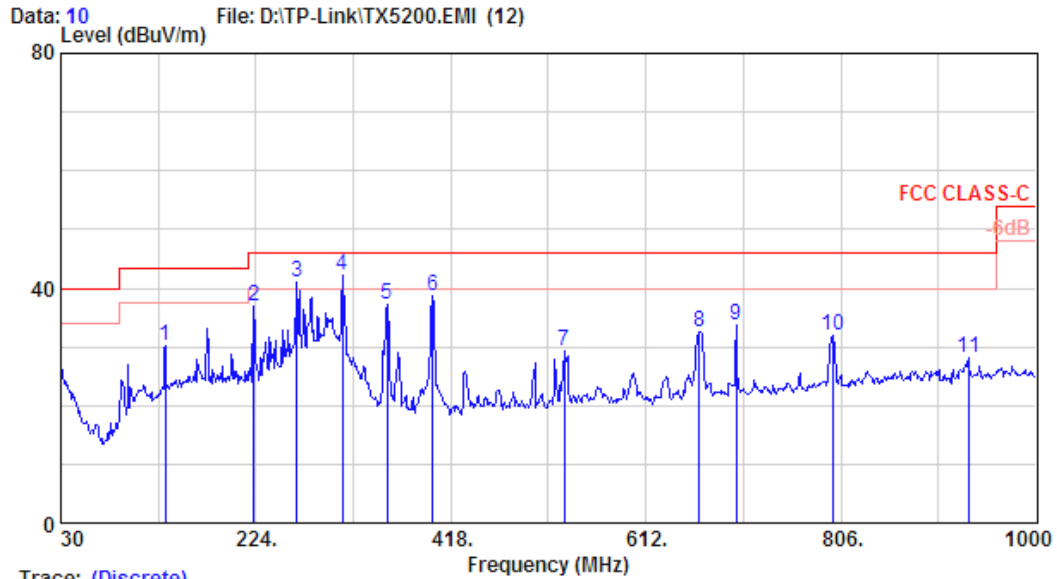
Site no.	: A/C Chamber	Data no.	: 8
Dis. / Ant.	: 3m VBA6106A/UHALP9108A	Ant. pol.	: VERTICAL
Limit	: FCC CLASS-C		
Env. / Ins.	: E7405A 26°C/49%	Engineer	: Jarwei Wang
EUT	: Wireless Cardbus Adapter		
Power Rating	: 120Vac/60Hz M/N:SMC2536W-AG2		
Test Mode	: TX5180MHz		

	Ant.	Cable	Emission				
Freq. (MHz)	Factor (dB/m)	Loss (dB)	Reading (dBµV)	Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Remark
1	148.340	20.58	0.81	10.12	31.51	43.50	11.99
2	233.700	22.46	0.99	15.71	39.15	46.00	6.85
3	245.340	23.49	1.05	16.02	40.57	46.00	5.43
4	266.680	24.74	1.12	16.59	42.45	46.00	3.55
5	278.320	25.25	1.13	12.95	39.32	46.00	6.68
6	309.360	14.93	1.18	20.08	36.19	46.00	9.81
7	398.600	17.67	1.42	17.09	36.18	46.00	9.82
8	533.430	19.61	1.67	10.89	32.16	46.00	13.84
9	666.320	22.78	1.87	9.68	34.32	46.00	11.68
10	702.210	23.53	1.90	6.79	32.22	46.00	13.78
11	932.100	25.17	2.25	4.96	32.38	46.00	13.62

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



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Trace: (Discrete)

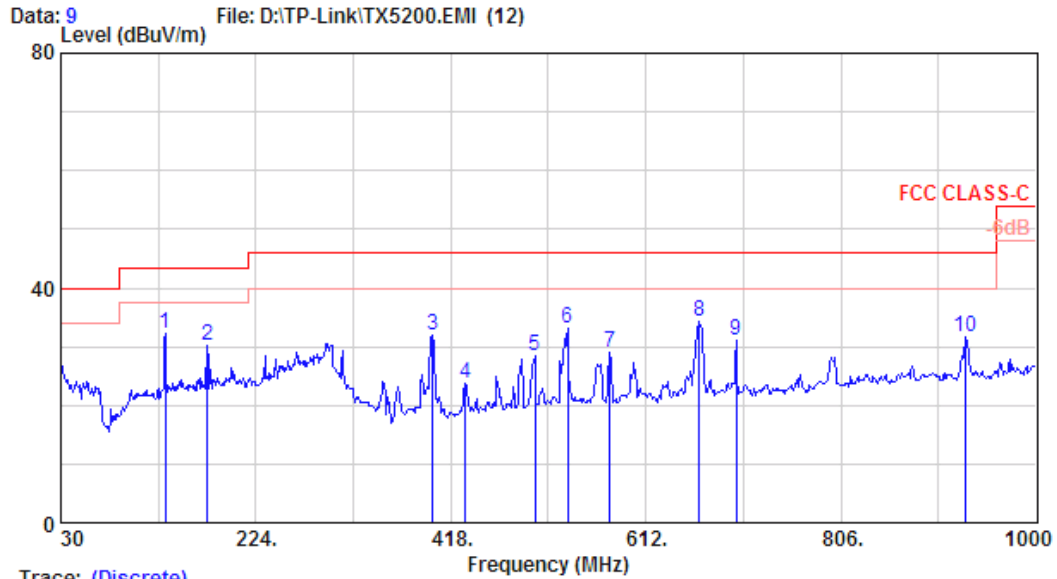
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Dis. / Ant. : 3m VBA6106A/UHALP9108A	Ant. pol. : HORIZONTAL
Limit : FCC CLASS-C	
Env. / Ins. : E7405A 26°C/49%	Engineer : Jarwei Wang
EUT : Wireless Cardbus Adapter	
Power Rating : 120Vac/60Hz M/N:SMC2536W-AG2	
Test Mode : TX5200	

	Ant. Factor	Cable Loss	Reading	Emission Level	Limits	Margin	Remark
Freq. (MHz)	(dB/m)	(dB)	(dBµV)	(dBµV/m)	(dBµV/m)	(dB)	
1	19.89	0.75	9.56	30.21	43.50	13.29	
2	21.90	0.97	14.17	37.04	46.00	8.96	
3	24.62	1.11	15.40	41.14	46.00	4.86	
4	14.93	1.18	26.01	42.12	46.00	3.88	
5	15.69	1.29	20.17	37.15	46.00	8.85	
6	17.69	1.41	19.46	38.56	46.00	7.44	
7	19.70	1.67	7.92	29.29	46.00	16.71	
8	22.65	1.86	8.04	32.56	46.00	13.44	
9	23.53	1.90	8.23	33.66	46.00	12.34	
10	24.09	2.02	5.75	31.86	46.00	14.14	
11	25.23	2.25	0.57	28.06	46.00	17.94	

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



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Trace: (Discrete)

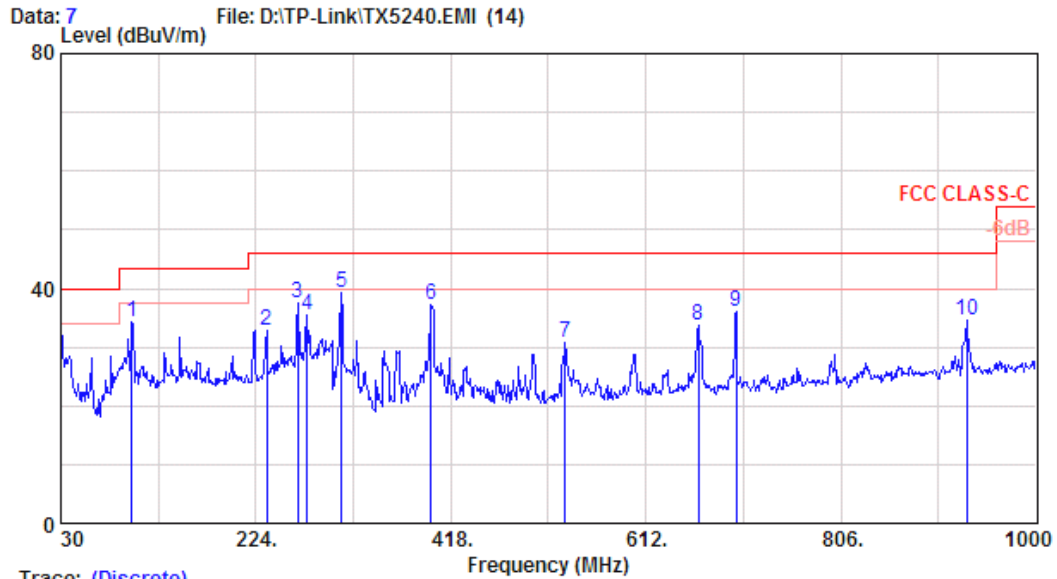
Site no.	: A/C Chamber	Data no.	: 9
Dis. / Ant.	: 3m VBA6106A/UHALP9108A	Ant. pol.	: VERTICAL
Limit	: FCC CLASS-C		
Env. / Ins.	: E7405A 26°C/49%	Engineer	: Jarwei Wang
EUT	: Wireless Cardbus Adapter		
Power Rating	: 120Vac/60Hz M/N:SMC2536W-AG2		
Test Mode	: TX5200		

Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBµV)	Emission		Limits (dBµV/m)	Margin (dB)	Remark
				Level (dBµV/m)	Level (dBµV/m)			
1	133.790	19.89	0.75	11.45	32.10	43.50	11.40	
2	175.500	21.19	0.88	7.97	30.05	43.50	13.45	
3	399.570	17.69	1.41	12.96	32.05	46.00	13.95	
4	432.550	17.28	1.53	5.00	23.80	46.00	22.20	
5	501.420	18.95	1.58	7.98	28.52	46.00	17.48	
6	534.400	19.57	1.67	11.75	32.99	46.00	13.01	
7	576.110	21.05	1.69	6.13	28.87	46.00	17.13	
8	665.350	22.65	1.86	9.91	34.43	46.00	11.57	
9	702.210	23.53	1.90	5.66	31.10	46.00	14.90	
10	929.190	24.92	2.23	4.42	31.57	46.00	14.43	

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



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Trace: (Discrete)

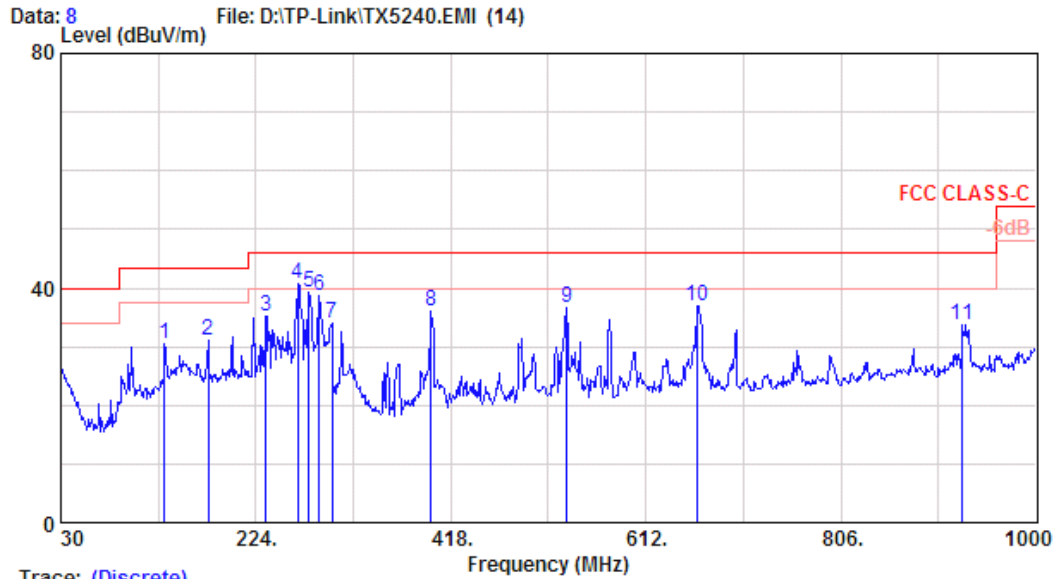
Site no. : A/C Chamber Data no. : 7
 Dis. / Ant. : 3m VBA6106A/UHALP9108A Ant. pol. : HORIZONTAL
 Limit : FCC CLASS-C
 Env. / Ins. : E7405A 26*C/49% Engineer : Jarwei Wang
 EUT : Wireless Cardbus Adapter
 Power Rating : 120Vac/60Hz M/N:SMC2536W-AG2
 Test Mode : TX5240MHz

	Ant.	Cable	Emission				Margin	Remark
Freq. (MHz)	Factor (dB/m)	Loss (dB)	Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)	(dB)		
1	17.17	0.65	16.48	34.29	43.50	9.21		
2	22.58	0.99	9.35	32.92	46.00	13.08		
3	24.67	1.12	11.74	37.53	46.00	8.47		
4	25.25	1.12	9.07	35.44	46.00	10.56		
5	14.93	1.18	23.08	39.19	46.00	6.81		
6	17.67	1.42	18.25	37.34	46.00	8.66		
7	19.70	1.67	9.36	30.73	46.00	15.27		
8	22.61	1.86	9.18	33.65	46.00	12.35		
9	23.53	1.90	10.62	36.06	46.00	9.94		
10	25.11	2.24	7.21	34.56	46.00	11.44		

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



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Trace: (Discrete)

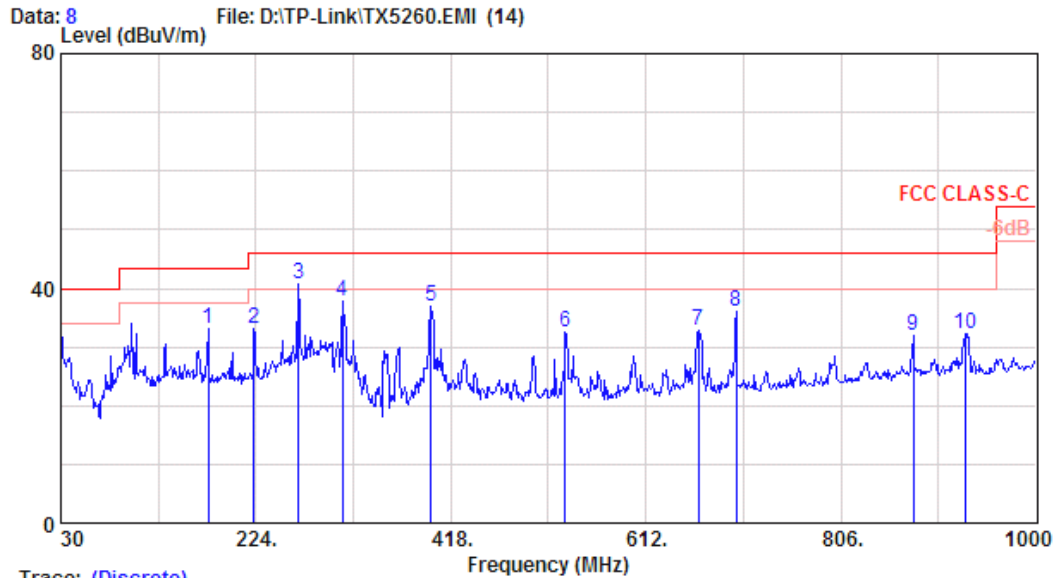
Site no. : A/C Chamber Data no. : 8
 Dis. / Ant. : 3m VBA6106A/UHALP9108A Ant. pol. : VERTICAL
 Limit : FCC CLASS-C
 Env. / Ins. : E7405A 26*C/49% Engineer : Jarwei Wang
 EUT : Wireless Cardbus Adapter
 Power Rating : 120Vac/60Hz M/N:SMC2536W-AG2
 Test Mode : TX5240MHz

	Ant.	Cable	Emission				Margin	Remark
Freq. (MHz)	Factor (dB/m)	Loss (dB)	Reading (dBµV)	Level (dBµV/m)	Limits (dBµV/m)	(dB)		
1	19.87	0.75	9.91	30.53	43.50	12.97		
2	21.21	0.88	9.10	31.19	43.50	12.31		
3	22.46	0.99	11.71	35.15	46.00	10.85		
4	24.67	1.12	14.90	40.69	46.00	5.31		
5	25.26	1.13	12.94	39.33	46.00	6.67		
6	25.69	1.15	11.91	38.75	46.00	7.25		
7	26.77	1.19	6.13	34.10	46.00	11.90		
8	17.67	1.42	16.92	36.01	46.00	9.99		
9	19.61	1.67	15.39	36.66	46.00	9.34		
10	22.47	1.85	12.66	36.98	46.00	9.02		
11	24.73	2.23	6.61	33.56	46.00	12.44		

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



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Trace: (Discrete)

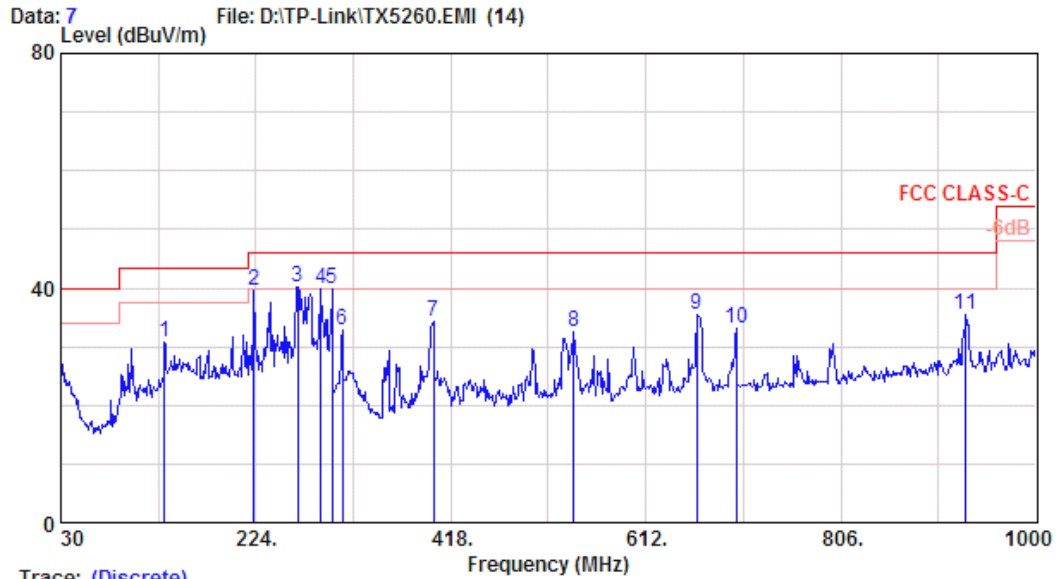
Site no.	: A/C Chamber	Data no.	: 8
Dis. / Ant.	: 3m VBA6106A/UHALP9108A	Ant. pol.	: HORIZONTAL
Limit	: FCC CLASS-C		
Env. / Ins.	: E7405A 26°C/49%	Engineer	: Jarwei Wang
EUT	: Wireless Cardbus Adapter		
Power Rating	: 120Vac/60Hz M/N:SMC2536W-AG2		
Test Mode	: TX5260MHz		

	Ant. Factor	Cable Loss	Emission Reading	Emission Level	Limits	Margin	Remark
Freq. (MHz)	(dB/m)	(dB)	(dBuV)	(dBuV/m)	(dBuV/m)	(dB)	
1	21.21	0.88	10.93	33.02	43.50	10.48	
2	21.90	0.97	10.23	33.10	46.00	12.90	
3	24.74	1.12	14.74	40.60	46.00	5.40	
4	14.93	1.18	21.58	37.68	46.00	8.32	
5	17.67	1.42	17.96	37.05	46.00	8.95	
6	19.70	1.67	11.19	32.56	46.00	13.44	
7	22.61	1.86	8.35	32.82	46.00	13.18	
8	23.53	1.90	10.62	36.06	46.00	9.94	
9	25.35	2.19	4.49	32.03	46.00	13.97	
10	24.92	2.23	5.08	32.23	46.00	13.77	

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



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Trace: (Discrete)

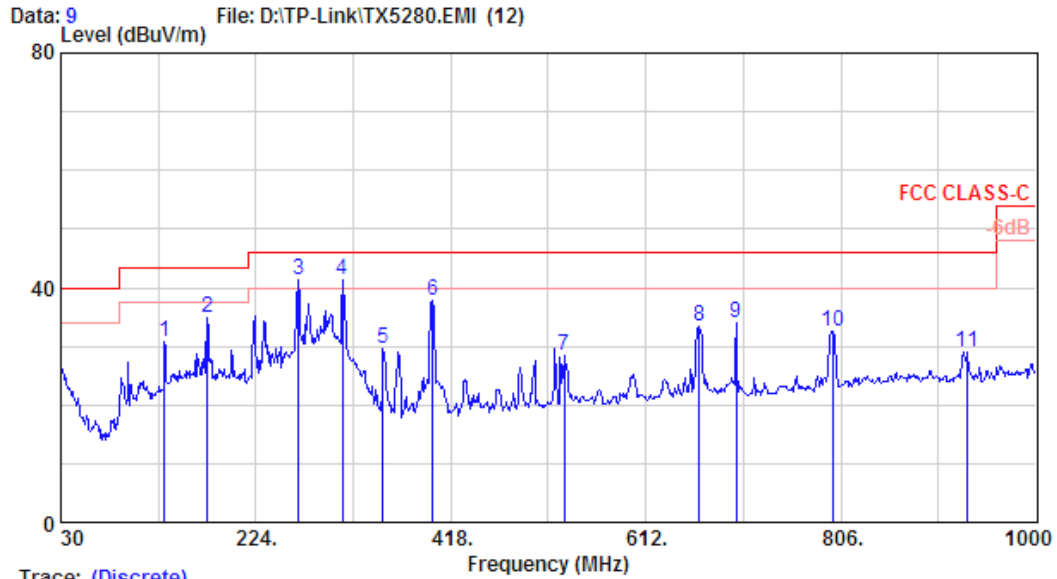
Site no. : A/C Chamber Data no. : 7
 Dis. / Ant. : 3m VBA6106A/UHALP9108A Ant. pol. : VERTICAL
 Limit : FCC CLASS-C
 Env. / Ins. : E7405A 26*C/49% Engineer : Jarwei Wang
 EUT : Wireless Cardbus Adapter
 Power Rating : 120Vac/60Hz M/N:SMC2536W-AG2
 Test Mode : TX5260MHz

	Ant.	Cable	Emission		Limits	Margin	Remark
Freq. (MHz)	Factor (dB/m)	Loss (dB)	Reading (dBµV)	Level (dBµV/m)	(dBµV/m)	(dB)	
1	19.87	0.75	10.08	30.69	43.50	12.81	
2	21.90	0.97	16.56	39.43	46.00	6.57	
3	24.67	1.12	14.39	40.18	46.00	5.82	
4	25.97	1.15	12.59	39.71	46.00	6.29	
5	26.77	1.19	11.93	39.89	46.00	6.11	
6	14.93	1.18	16.75	32.85	46.00	13.15	
7	17.66	1.40	15.22	34.28	46.00	11.72	
8	19.28	1.68	11.56	32.52	46.00	13.48	
9	22.47	1.85	10.99	35.32	46.00	10.68	
10	23.53	1.90	7.62	33.06	46.00	12.94	
11	24.98	2.24	8.18	35.40	46.00	10.60	

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



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Trace: (Discrete)

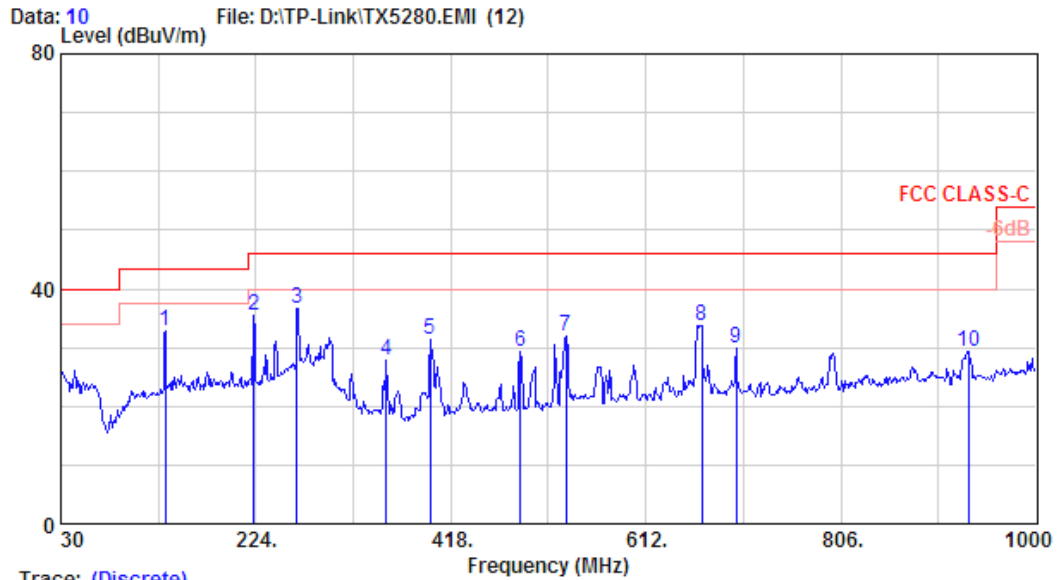
Site no.	: A/C Chamber	Data no.	: 9
Dis. / Ant.	: 3m VBA6106A/UHALP9108A	Ant. pol.	: HORIZONTAL
Limit	: FCC CLASS-C		
Env. / Ins.	: E7405A 26°C/49%	Engineer	: Jarwei Wang
EUT	: Wireless Cardbus Adapter		
Power Rating	: 120Vac/60Hz M/N:SMC2536W-AG2		
Test Mode	: TX5280		

	Ant. Factor	Cable Loss	Emission Reading	Emission Level	Limits	Margin	Remark
Freq. (MHz)	(dB/m)	(dB)	(dBuV)	(dBuV/m)	(dBuV/m)	(dB)	
1	19.87	0.75	10.15	30.76	43.50	12.74	
2	21.19	0.88	12.66	34.73	43.50	8.77	
3	24.74	1.12	15.57	41.42	46.00	4.58	
4	14.93	1.18	25.27	41.38	46.00	4.62	
5	15.44	1.28	12.85	29.56	46.00	16.44	
6	17.69	1.41	18.77	37.87	46.00	8.13	
7	19.70	1.67	7.09	28.46	46.00	17.54	
8	22.65	1.86	9.04	33.55	46.00	12.45	
9	23.53	1.90	8.43	33.87	46.00	12.13	
10	24.09	2.02	6.56	32.66	46.00	13.34	
11	25.11	2.24	1.74	29.10	46.00	16.90	

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



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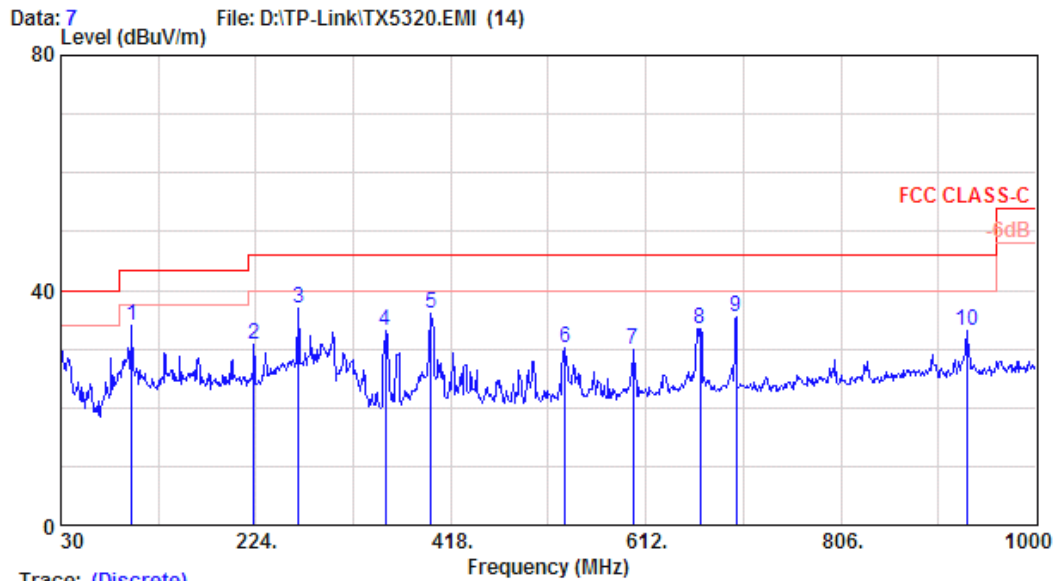
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 Site no. : A/C Chamber Data no. : 10
 Dis. / Ant. : 3m VBA6106A/UHALP9108A Ant. pol. : VERTICAL
 Limit : FCC CLASS-C
 Env. / Ins. : E7405A 26°C/49% Engineer : Jarwei Wang
 EUT : Wireless Cardbus Adapter
 Power Rating : 120Vac/60Hz M/N:SMC2536W-AG2
 Test Mode : TX5280

	Ant.	Cable	Emission		Limits	Margin	Remark
Freq. (MHz)	Factor (dB/m)	Loss (dB)	Reading (dBuV)	Level (dBuV/m)	(dBuV/m)	(dB)	
1	19.89	0.75	12.13	32.78	43.50	10.72	
2	21.90	0.97	12.48	35.35	46.00	10.65	
3	24.62	1.11	10.95	36.68	46.00	9.32	
4	15.64	1.29	10.87	27.79	46.00	18.21	
5	17.64	1.41	12.24	31.29	46.00	14.71	
6	18.67	1.57	9.15	29.39	46.00	16.61	
7	19.64	1.67	10.67	31.98	46.00	14.02	
8	22.80	1.87	9.07	33.73	46.00	12.27	
9	23.53	1.90	4.43	29.86	46.00	16.14	
10	25.23	2.25	1.79	29.27	46.00	16.73	

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



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Trace: (Discrete)

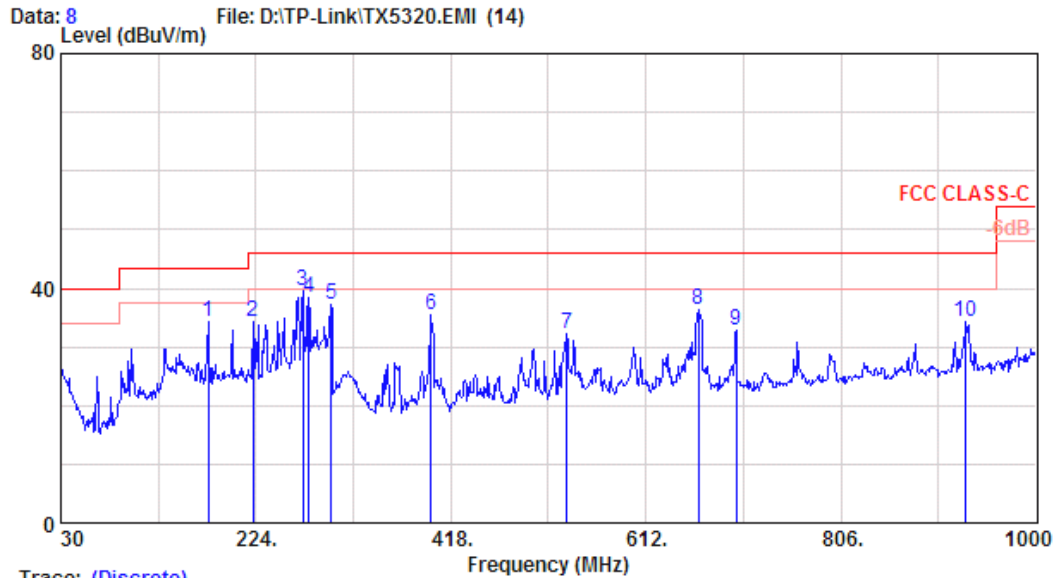
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Dis. / Ant.	: 3m VBA6106A/UHALP9108A	Ant. pol.	: HORIZONTAL
Limit	: FCC CLASS-C		
Env. / Ins.	: E7405A 26°C/49%	Engineer	: Jarwei Wang
EUT	: Wireless Cardbus Adapter		
Power Rating	: 120Vac/60Hz M/N:SMC2536W-AG2		
Test Mode	: TX5320MHz		

	Ant.	Cable	Emission				
Freq. (MHz)	Factor (dB/m)	Loss (dB)	Reading (dBµV)	Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Remark
1	17.17	0.65	16.15	33.96	43.50	9.54	
2	21.90	0.97	7.89	30.76	46.00	15.24	
3	24.74	1.12	11.09	36.95	46.00	9.05	
4	15.61	1.29	16.15	33.04	46.00	12.96	
5	17.67	1.42	16.96	36.05	46.00	9.95	
6	19.70	1.67	8.81	30.19	46.00	15.81	
7	21.30	1.79	6.72	29.81	46.00	16.19	
8	22.78	1.87	8.85	33.49	46.00	12.51	
9	23.53	1.90	9.96	35.39	46.00	10.61	
10	25.11	2.24	5.88	33.23	46.00	12.77	

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



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 Email:ttemc@ttemc.



Trace: (Discrete)

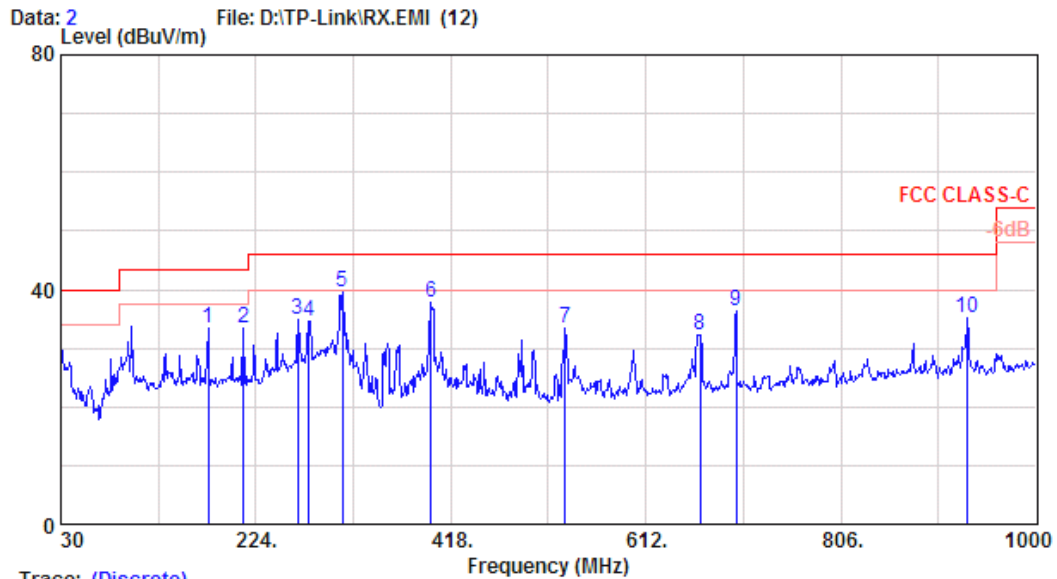
Site no. : A/C Chamber	Data no. : 8
Dis. / Ant. : 3m VBA6106A/UHALP9108A	Ant. pol. : VERTICAL
Limit : FCC CLASS-C	
Env. / Ins. : E7405A 26°C/49%	Engineer : Jarwei Wang
EUT : Wireless Cardbus Adapter	
Power Rating : 120Vac/60Hz M/N:SMC2536W-AG2	
Test Mode : TX5320MHz	

	Ant. Factor	Cable Loss	Emission Reading	Emission Level	Limits	Margin	Remark
Freq. (MHz)	(dB/m)	(dB)	(dBuV)	(dBuV/m)	(dBuV/m)	(dB)	
1	21.21	0.88	12.10	34.19	43.50	9.31	
2	21.91	0.97	11.54	34.42	46.00	11.58	
3	25.00	1.12	13.38	39.50	46.00	6.50	
4	25.26	1.13	11.95	38.33	46.00	7.67	
5	26.72	1.19	9.44	37.35	46.00	8.65	
6	17.67	1.42	16.30	35.39	46.00	10.61	
7	19.61	1.67	10.89	32.16	46.00	13.84	
8	22.61	1.86	11.85	36.32	46.00	9.68	
9	23.53	1.90	7.46	32.89	46.00	13.11	
10	24.98	2.24	7.01	34.23	46.00	11.77	

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



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Trace: (Discrete)

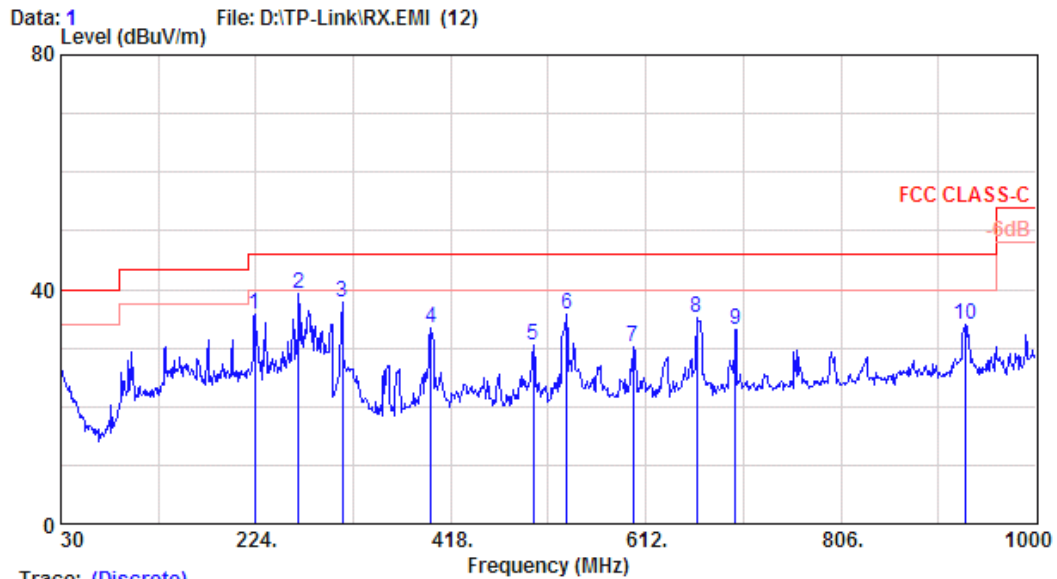
Site no.	: A/C Chamber	Data no.	: 2
Dis. / Ant.	: 3m VBA6106A/UHALP9108A	Ant. pol.	: HORIZONTAL
Limit	: FCC CLASS-C		
Env. / Ins.	: E7405A 26°C/49%	Engineer	: Jarwei Wang
EUT	: Wireless Cardbus Adapter		
Power Rating	: 120Vac/60Hz M/N:SMC2536W-AG2		
Test Mode	: RX5200		

	Ant.	Cable	Emission					
Freq. (MHz)	Factor (dB/m)	Loss (dB)	Reading (dBµV)	Level (dBµV/m)	Limits (dBµV/m)	Margin (dB)	Remark	
1	176.470	21.21	0.88	11.43	33.52	43.50	9.98	
2	211.390	21.75	0.99	10.54	33.28	43.50	10.22	
3	265.710	24.67	1.12	9.11	34.90	46.00	11.10	
4	276.380	25.26	1.13	8.28	34.67	46.00	11.33	
5	310.330	14.93	1.18	23.41	39.52	46.00	6.48	
6	398.600	17.67	1.42	18.80	37.89	46.00	8.11	
7	531.490	19.70	1.67	12.02	33.40	46.00	12.60	
8	666.320	22.78	1.87	7.68	32.32	46.00	13.68	
9	702.210	23.53	1.90	10.79	36.22	46.00	9.78	
10	932.100	25.17	2.25	7.63	35.05	46.00	10.95	

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



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Trace: (Discrete)

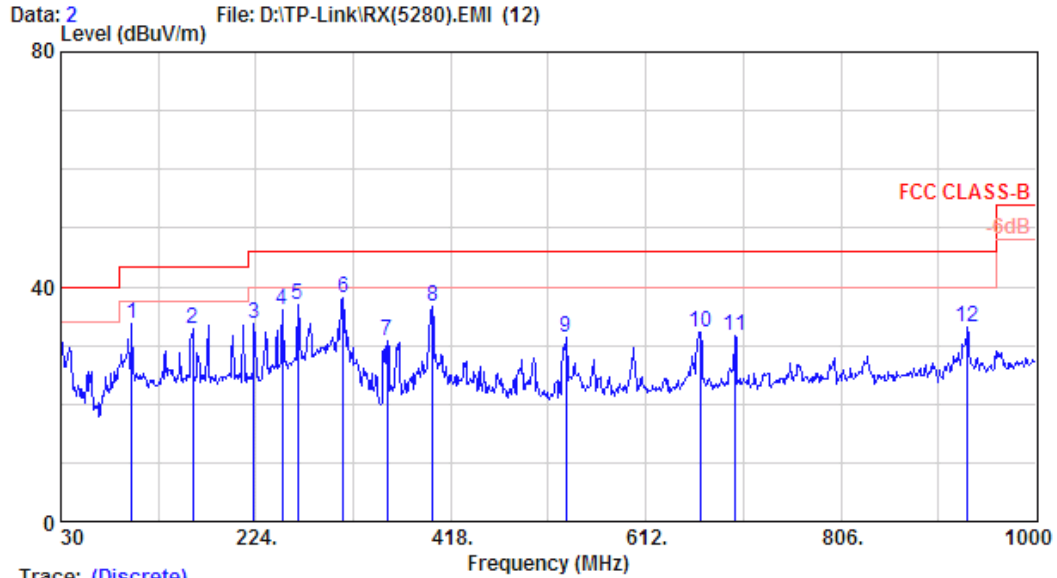
Site no. : A/C Chamber Data no. : 1
 Dis. / Ant. : 3m VBA6106A/UHALP9108A Ant. pol. : VERTICAL
 Limit : FCC CLASS-C
 Env. / Ins. : E7405A 26*C/49% Engineer : Jarwei Wang
 EUT : Wireless Cardbus Adapter
 Power Rating : 120Vac/60Hz M/N:SMC2536W-AG2
 Test Mode : RX5200

	Ant.	Cable	Emission				Margin	Remark
Freq. (MHz)	Factor (dB/m)	Loss (dB)	Reading (dBµV)	Level (dBµV/m)	Limits (dBµV/m)	(dB)		
1	223.030	21.94	0.96	12.71	35.62	46.00	10.38	
2	266.680	24.74	1.12	13.41	39.26	46.00	6.74	
3	310.330	14.93	1.18	21.58	37.68	46.00	8.32	
4	398.600	17.67	1.42	14.42	33.51	46.00	12.49	
5	500.450	18.87	1.58	10.10	30.55	46.00	15.45	
6	533.430	19.61	1.67	14.55	35.83	46.00	10.17	
7	599.390	21.30	1.79	7.22	30.31	46.00	15.69	
8	662.440	22.47	1.85	10.82	35.15	46.00	10.85	
9	701.240	23.50	1.90	7.68	33.07	46.00	12.93	
10	929.190	24.92	2.23	6.75	33.90	46.00	12.10	

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



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Trace: (Discrete)

Site no.	: A/C Chamber	Data no.	: 2
Dis. / Ant.	: 3m VBA6106A/UHALP9108A	Ant. pol.	: HORIZONTAL
Limit	: FCC CLASS-B		
Env. / Ins.	: E7405A 26°C/49%	Engineer	: Jarwei Wang
EUT	: Wireless Carbus Adapter		
Power Rating	: 120Vac/60Hz M/NSMC2536W-AG2		
Test Mode	: RX5280		

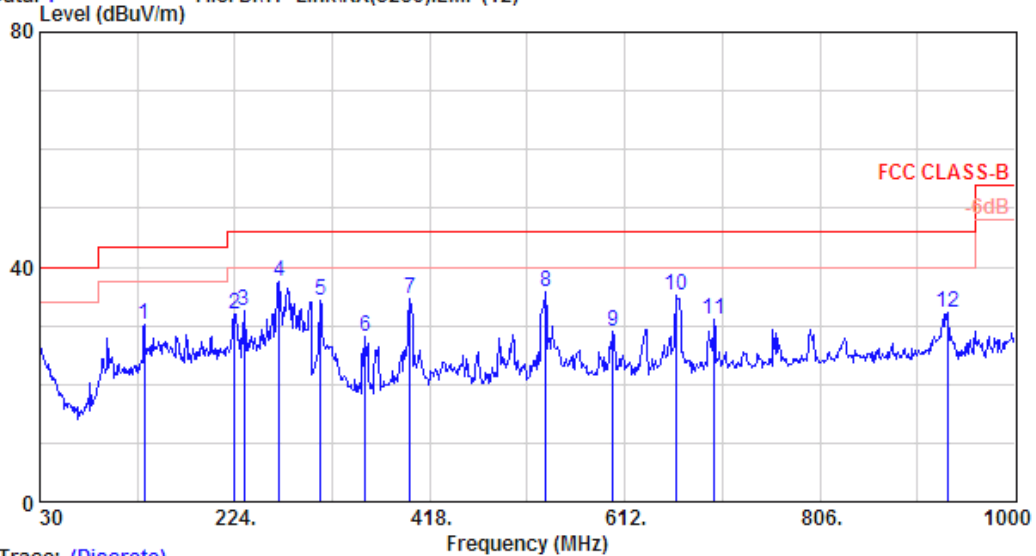
Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBµV)	Emission		Limits (dBµV/m)	Margin (dB)	Remark
				Level (dBµV/m)	Limits (dBµV/m)			
1	100.810	17.17	0.65	15.98	33.79	43.50	9.71	
2	160.950	20.82	0.83	11.03	32.69	43.50	10.81	
3	222.060	21.90	0.97	10.72	33.59	46.00	12.41	
4	250.190	23.83	1.07	11.09	35.99	46.00	10.01	
5	265.710	24.67	1.12	11.11	36.90	46.00	9.10	
6	311.300	14.84	1.17	22.00	38.02	46.00	7.98	
7	354.950	15.69	1.29	13.82	30.80	46.00	15.20	
8	399.570	17.69	1.41	17.55	36.65	46.00	9.35	
9	532.460	19.64	1.67	10.05	31.36	46.00	14.64	
10	666.320	22.78	1.87	7.68	32.32	46.00	13.68	
11	701.240	23.50	1.90	6.18	31.57	46.00	14.43	
12	932.100	25.17	2.25	5.63	33.05	46.00	12.95	

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



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Data: 1 File: D:\TP-Link\RX(5280).EMI (12)



Trace: (Discrete)
 Site no. : A/C Chamber Data no. : 1
 Dis. / Ant. : 3m VBA6106A/UHALP9108A Ant. pol. : VERTICAL
 Limit : FCC CLASS-B
 Env. / Ins. : E7405A 26*C/49% Engineer : Jarwei Wang
 EUT : Wireless Carbus Adapter
 Power Rating : 120Vac/60Hz M/NSMC2536W-AG2
 Test Mode : RX5280

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	133.790	19.89	0.75	9.57	30.22	43.50	13.28	
2	224.000	21.96	0.96	9.06	31.98	46.00	14.02	
3	232.730	22.36	0.99	9.07	32.42	46.00	13.58	
4	268.620	24.86	1.12	11.55	37.53	46.00	8.47	
5	309.360	14.93	1.18	18.25	34.35	46.00	11.65	
6	353.980	15.64	1.29	11.12	28.05	46.00	17.95	
7	398.600	17.67	1.42	15.42	34.51	46.00	11.49	
8	533.430	19.61	1.67	14.55	35.83	46.00	10.17	
9	600.360	21.31	1.79	5.79	28.89	46.00	17.11	
10	662.440	22.47	1.85	10.82	35.15	46.00	10.85	
11	701.240	23.50	1.90	5.68	31.07	46.00	14.93	
12	934.040	25.36	2.26	4.62	32.24	46.00	13.76	

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. Above 1GHz Frequency Range Measurement Results

Date of Test : May 29, 2008 Temperature : 26°C
 EUT : EliteConnect™ Dualband Wireless Humidity : 49%
Cardbus Adapter
 Test Mode : Transmit, Channel: 36 (Frequency: 5180MHz)

	Emission Frequency MHz	Antenna Factor dB/m	Cable Loss dB	Meter Reading Horizontal dBμV	Emission Level Horizontal dBμV/m	Limits dBμV/m	Margin dB
Peak	1062.160	25.23	2.90	17.84	45.97	74.00	28.03
	1191.520	25.29	3.04	15.11	43.44	74.00	30.56
	3449.940	31.62	5.91	10.05	47.58	74.00	26.42
Average	3449.940	31.62	5.91	3.86	41.39	54.00	12.61

Remark : 1. Emission Level = Antenna Factor + Cable Loss + Meter Reading.
 2. Measurement was up to 25GHz, but the emissions level were too low against the official limit and not report.

	Emission Frequency MHz	Antenna Factor dB/m	Cable Loss dB	Meter Reading Vertical dBμV	Emission Level Vertical dBμV/m	Limits dBμV/m	Margin dB
Peak	1065.520	25.23	2.90	22.51	50.64	74.00	23.36
	1191.520	25.29	3.04	17.38	45.71	74.00	28.29
	1325.920	25.34	3.35	17.40	46.09	74.00	27.91
	1460.320	25.39	3.52	10.90	39.81	74.00	34.19
	3449.940	31.62	5.91	14.70	52.23	74.00	21.77
Average	1065.520	25.23	2.90	15.14	43.27	54.00	10.73
	1191.520	25.29	3.04	11.89	40.22	54.00	13.78
	1325.920	25.34	3.35	12.58	41.27	54.00	12.73
	1460.320	25.39	3.52	5.49	34.40	54.00	19.60
	3449.940	31.62	5.91	9.67	47.20	54.00	6.80

Remark : 1. Emission Level = Antenna Factor + Cable Loss + Meter Reading.
 2. Measurement was up to 25GHz, but the emissions level were too low against the official limit and not report.

Date of Test : May 29, 2008 Temperature : 26°C

EUT : EliteConnect™ Dualband Wireless
Cardbus Adapter Humidity : 49%

Test Mode : Transmit, Channel: 40 (Frequency: 5200MHz)

	Emission Frequency MHz	Antenna Factor dB/m	Cable Loss dB	Meter Reading Horizontal dBμV	Emission Level Horizontal dBμV/m	Limits dBμV/m	Margin dB
Peak	1065.520	25.23	2.90	20.20	48.33	74.00	25.67
	1191.520	25.29	3.04	14.10	42.43	74.00	31.57
Average	1065.520	25.23	2.90	14.99	43.12	54.00	10.88
	1191.520	25.29	3.04	10.25	38.58	54.00	15.42

Remark : 1. Emission Level = Antenna Factor + Cable Loss + Meter Reading.
2. Measurement was up to 25GHz, but the emissions level were too low against the official limit and not report.

	Emission Frequency MHz	Antenna Factor dB/m	Cable Loss dB	Meter Reading Vertical dBμV	Emission Level Vertical dBμV/m	Limits dBμV/m	Margin dB
Peak	1065.520	25.23	2.90	25.47	53.60	74.00	20.40
	1199.920	25.29	3.05	15.85	44.19	74.00	29.81
	1330.960	25.34	3.35	15.08	43.77	74.00	30.23
Average	1065.520	25.23	2.90	18.25	46.38	54.00	7.62
	1199.920	25.29	3.05	11.22	39.56	54.00	14.44
	1330.960	25.34	3.35	10.49	39.18	54.00	14.82

Remark : 1. Emission Level = Antenna Factor + Cable Loss + Meter Reading.
2. Measurement was up to 25GHz, but the emissions level were too low against the official limit and not report.

Date of Test : May 29, 2008 Temperature : 26°C

EUT : EliteConnect™ Dualband Wireless
Cardbus Adapter Humidity : 49%

Test Mode : Transmit, Channel: 48 (Frequency: 5240MHz)

	Emission Frequency MHz	Antenna Factor dB/m	Cable Loss dB	Meter Reading Horizontal dBμV	Emission Level Horizontal dBμV/m	Limits dBμV/m	Margin dB
Peak	1065.520	25.23	2.90	20.30	48.43	74.00	25.57
	1196.560	25.29	3.05	13.19	41.53	74.00	32.47
	3489.280	31.68	5.94	11.20	48.82	74.00	25.18
Average	1065.520	25.23	2.50	14.68	42.41	54.00	11.59
	1196.560	25.29	3.05	9.79	38.13	54.00	15.87
	3489.280	31.68	5.94	5.49	43.11	54.00	10.89

Remark : 1. Emission Level = Antenna Factor + Cable Loss + Meter Reading.
2. Measurement was up to 25GHz, but the emissions level were too low against the official limit and not report.

	Emission Frequency MHz	Antenna Factor dB/m	Cable Loss dB	Meter Reading Vertical dBμV	Emission Level Vertical dBμV/m	Limits dBμV/m	Margin dB
Peak	1065.520	25.23	2.90	20.30	48.43	74.00	25.57
	1196.560	25.29	3.05	13.19	41.53	74.00	32.47
	3489.280	31.68	5.94	14.91	52.53	74.00	21.47
Average	1065.520	25.23	2.90	15.59	43.72	54.00	10.28
	1196.960	25.29	3.05	13.84	42.18	54.00	11.82
	1325.920	25.34	3.35	11.70	40.39	54.00	13.61
	3489.280	31.68	5.94	10.00	47.62	54.00	6.38

Remark : 1. Emission Level = Antenna Factor + Cable Loss + Meter Reading.
2. Measurement was up to 25GHz, but the emissions level were too low against the official limit and not report.

Date of Test : May 29, 2008 Temperature : 26°C
 EUT : EliteConnect™ Dualband Wireless Humidity : 49%
Cardbus Adapter
 Test Mode : Transmit, Channel: 52 (Frequency: 5260MHz)

	Emission Frequency MHz	Antenna Factor dB/m	Cable Loss dB	Meter Reading Horizontal dBμV	Emission Level Horizontal dBμV/m	Limits dBμV/m	Margin dB
Peak	1065.520	25.23	2.90	22.31	50.44	74.00	23.56
	1191.520	25.29	3.04	13.19	41.52	74.00	32.48
	3506.140	31.73	5.95	10.89	48.57	74.00	25.43
Average	1065.520	25.23	2.90	16.59	44.72	54.00	9.28
	1191.520	25.29	3.04	9.25	37.58	54.00	16.42
	3506.140	31.73	5.95	5.49	43.17	54.00	10.83

Remark : 1. Emission Level = Antenna Factor + Cable Loss + Meter Reading.
 2. Measurement was up to 25GHz, but the emissions level were too low against the official limit and not report.

	Emission Frequency MHz	Antenna Factor dB/m	Cable Loss dB	Meter Reading Vertical dBμV	Emission Level Vertical dBμV/m	Limits dBμV/m	Margin dB
Peak	1065.520	25.23	2.90	25.06	53.19	74.00	20.81
	1191.520	25.29	3.04	15.15	43.48	74.00	30.52
	1330.960	25.34	3.35	15.79	44.48	74.00	29.52
	3506.140	31.73	5.95	15.63	53.31	74.00	20.69
Average	1065.520	25.23	2.90	19.14	47.27	54.00	6.73
	1191.520	25.29	3.04	10.40	38.73	54.00	15.27
	1330.960	25.34	3.35	10.93	39.62	54.00	14.38
	3506.140	31.73	5.95	9.72	47.40	54.00	6.60

Remark : 1. Emission Level = Antenna Factor + Cable Loss + Meter Reading.
 2. Measurement was up to 25GHz, but the emissions level were too low against the official limit and not report.

Date of Test : May 29, 2008 Temperature : 26°C

EUT : EliteConnect™ Dualband Wireless
Cardbus Adapter Humidity : 49%

Test Mode : Transmit, Channel: 56 (Frequency: 5280MHz)

	Emission Frequency MHz	Antenna Factor dB/m	Cable Loss dB	Meter Reading Horizontal dBµV	Emission Level Horizontal dBµV/m	Limits dBµV/m	Margin dB
Peak	1057.120	25.23	2.87	17.76	45.86	74.00	28.14
	1196.560	25.29	3.05	12.66	41.00	74.00	33.00
Average	1057.120	25.23	2.87	12.08	40.18	54.00	13.82
	1196.560	25.29	3.05	6.72	35.06	54.00	18.94

Remark : 1. Emission Level = Antenna Factor + Cable Loss + Meter Reading.
2. Measurement was up to 25GHz, but the emissions level were too low against the official limit and not report.

	Emission Frequency MHz	Antenna Factor dB/m	Cable Loss dB	Meter Reading Vertical dBµV	Emission Level Vertical dBµV/m	Limits dBµV/m	Margin dB
Peak	1062.160	25.23	2.90	25.38	53.51	74.00	20.49
	1191.520	25.29	3.04	15.15	43.48	74.00	30.52
	1325.920	25.34	3.35	13.01	41.70	74.00	32.30
Average	1062.160	25.23	2.90	17.88	46.01	54.00	7.99
	1191.520	25.29	3.04	11.31	39.64	54.00	14.36
	1325.920	25.34	3.35	8.59	37.28	54.00	16.72

Remark : 1. Emission Level = Antenna Factor + Cable Loss + Meter Reading.
2. Measurement was up to 25GHz, but the emissions level were too low against the official limit and not report.

Date of Test : May 29, 2008 Temperature : 26°C

EUT : EliteConnect™ Dualband Wireless
Cardbus Adapter Humidity : 49%

Test Mode : Transmit, Channel: 64 (Frequency: 5320MHz)

	Emission Frequency MHz	Antenna Factor dB/m	Cable Loss dB	Meter Reading Horizontal dBμV	Emission Level Horizontal dBμV/m	Limits dBμV/m	Margin dB
Peak	1065.520	25.23	2.90	20.90	49.03	74.00	24.97
	1191.520	25.29	3.04	14.82	43.15	74.00	30.85
	3545.480	31.83	6.00	9.89	47.72	74.00	26.28
Average	1065.520	25.23	2.90	15.06	43.19	54.00	10.81
	1191.520	25.29	3.04	11.16	39.49	54.00	14.51
	3545.480	31.83	6.00	5.74	43.57	54.00	10.43

Remark : 1. Emission Level = Antenna Factor + Cable Loss + Meter Reading.
2. Measurement was up to 25GHz, but the emissions level were too low against the official limit and not report.

	Emission Frequency MHz	Antenna Factor dB/m	Cable Loss dB	Meter Reading Vertical dBμV	Emission Level Vertical dBμV/m	Limits dBμV/m	Margin dB
Peak	1062.160	25.23	2.90	19.99	48.12	74.00	25.88
	1191.520	25.29	3.04	15.45	43.78	74.00	30.22
	1330.960	29.34	3.35	16.75	49.44	74.00	24.56
	3545.480	31.83	6.00	13.11	50.94	74.00	23.06
	4051.280	32.89	7.31	7.64	47.84	74.00	26.16
Average	1062.160	25.23	2.90	14.34	42.47	54.00	11.53
	1191.520	25.29	3.04	10.25	38.58	54.00	15.42
	1330.960	25.34	3.35	11.72	40.41	54.00	13.59
	3545.480	31.83	6.00	6.46	44.29	54.00	9.71
	4051.280	32.89	7.31	1.28	41.48	54.00	12.52

Remark : 1. Emission Level = Antenna Factor + Cable Loss + Meter Reading.
2. Measurement was up to 25GHz, but the emissions level were too low against the official limit and not report.

Date of Test : May 29, 2008 Temperature : 26°C

EUT : EliteConnect™ Dualband Wireless
Cardbus Adapter Humidity : 49%

Test Mode : Receive, Channel: 40 (Frequency: 5200MHz)

	Emission Frequency MHz	Antenna Factor dB/m	Cable Loss dB	Meter Reading Horizontal dBµV	Emission Level Horizontal dBµV/m	Limits dBµV/m	Margin dB
Peak	1065.520	25.23	2.90	22.12	50.25	74.00	23.75
	1191.520	25.29	3.04	13.56	41.89	74.00	32.11
Average	1065.920	25.23	2.90	16.05	44.18	54.00	9.82
	1191.520	25.29	3.04	9.31	37.64	54.00	16.36

Remark : 1. Emission Level = Antenna Factor + Cable Loss + Meter Reading.
2. Measurement was up to 25GHz, but the emissions level were too low against the official limit and not report.

	Emission Frequency MHz	Antenna Factor dB/m	Cable Loss dB	Meter Reading Vertical dBµV	Emission Level Vertical dBµV/m	Limits dBµV/m	Margin dB
Peak	1065.920	25.23	2.90	25.03	53.16	74.00	20.84
	1191.520	25.29	3.04	15.38	43.71	74.00	30.29
	1330.960	25.34	3.35	15.41	44.10	74.00	29.90
Average	1065.520	25.23	2.90	17.35	45.48	54.00	8.52
	1191.520	25.29	3.04	10.94	39.27	54.00	14.73
	1330.960	25.34	3.35	11.48	40.17	54.00	13.83

Remark : 1. Emission Level = Antenna Factor + Cable Loss + Meter Reading.
2. Measurement was up to 25GHz, but the emissions level were too low against the official limit and not report.

Date of Test : May 29, 2008 Temperature : 26°C
 EUT : EliteConnect™ Dualband Wireless Humidity : 49%
Cardbus Adapter
 Test Mode : Receive, Channel: 56 (Frequency: 5280MHz)

	Emission Frequency MHz	Antenna Factor dB/m	Cable Loss dB	Meter Reading Horizontal dBμV	Emission Level Horizontal dBμV/m	Limits dBμV/m	Margin dB
Peak	1063.840	25.23	2.90	19.81	47.94	74.00	26.06
	1460.320	25.39	3.52	13.45	42.36	74.00	31.64
Average	1063.840	25.23	2.90	14.05	42.18	54.00	11.82
	1460.320	25.39	3.52	9.39	38.30	54.00	15.70

Remark : 1. Emission Level = Antenna Factor + Cable Loss + Meter Reading.
 2. Measurement was up to 25GHz, but the emissions level were too low against the official limit and not report.

	Emission Frequency MHz	Antenna Factor dB/m	Cable Loss dB	Meter Reading Vertical dBμV	Emission Level Vertical dBμV/m	Limits dBμV/m	Margin dB
Peak	1065.520	25.23	2.90	20.20	48.33	74.00	25.67
	1191.520	25.29	3.04	16.62	44.95	74.00	29.05
	1325.920	25.34	3.35	13.08	41.77	74.00	32.23
Average	1065.520	25.23	2.90	14.51	42.64	54.00	11.36
	1191.520	25.29	3.04	11.25	39.58	54.00	14.42
	1325.920	25.34	3.35	9.40	38.09	54.00	15.91

Remark : 1. Emission Level = Antenna Factor + Cable Loss + Meter Reading.
 2. Measurement was up to 25GHz, but the emissions level were too low against the official limit and not report.

3.6.3. Restricted Bands Measurement Results

Date of Test : May 29, 2008 Temperature : 26°C

EUT : EliteConnect™ Dualband Wireless Carbus Adapter Humidity : 49%

Test Mode : Transmit, Channel: 36, Frequency: 5180MHz

	Emission Frequency MHz	Antenna Factor dB/m	Cable Loss dB	Meter Reading Horizontal dBμV	Emission Level Horizontal dBμV/m	Limits dBμV/m	Margin dB
Peak *	5150.000	34.28	8.65	20.71	63.64	74.00	10.36
Average *	5150.000	34.28	8.65	3.00	45.93	54.00	8.07

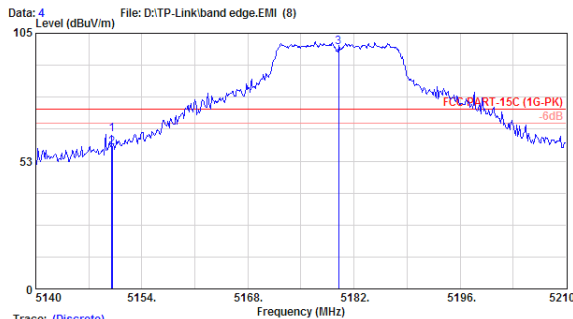
- Remark : 1. Emission Level = Antenna Factor + Cable Loss + Meter Reading.
 2. Low frequency section (spurious in the restricted band 4500-5150MHz).
 3. ‘*’ The field strength of emission appearing within Part 15.205(a) shall not exceed the limits shown in section 15.209.



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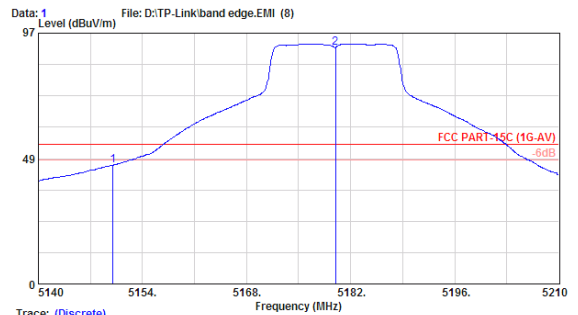
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Site no. : A/C Chamber Data no. : 4
 Dis. / Ant. : 3m 3115 Ant. pol. : HORIZONTAL
 Limit : FCC PART-15C (1G-PK)
 Env. / Ins. : E7405A 26°C/49% Engineer : Jarwei Wang
 EUT : Wireless Carbus Adapter
 Power Rating : 120Vac/60Hz M/N:SMC2536W-AG2
 Test Mode : TX5180

Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1 5150.000	34.28	8.65	20.71	63.65	74.00	10.35	Peak
2 5150.080	34.28	8.65	14.99	57.92	74.00	16.08	Peak
3 5179.970	34.32	8.51	56.25	99.07	74.00	-25.07	Peak

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. : 1
 Dis. / Ant. : 3m 3115 Ant. pol. : HORIZONTAL
 Limit : FCC PART-15C (1G-AV)
 Env. / Ins. : E7405A 26°C/49% Engineer : Jarwei Wang
 EUT : Wireless Carbus Adapter
 Power Rating : 120Vac/60Hz M/N:SMC2536W-AG2
 Test Mode : TX5180

Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1 5150.000	34.28	8.65	3.00	45.93	54.00	8.07	Average
2 5179.970	34.32	8.51	48.58	91.41	54.00	-37.41	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 : May 29, 2008 Temperature : 26°C

EUT : EliteConnect™ Dualband Wireless Cardbus Adapter Humidity : 49%

Test Mode : Transmit, Channel: 36, Frequency: 5180MHz

	Emission Frequency MHz	Antenna Factor dB/m	Cable Loss dB	Meter Reading Vertical dBμV	Emission Level Vertical dBμV/m	Limits dBμV/m	Margin dB
Peak *	5150.000	34.28	8.65	12.51	55.44	74.00	18.56
Average *	5150.000	34.28	8.65	0.42	43.35	54.00	10.65

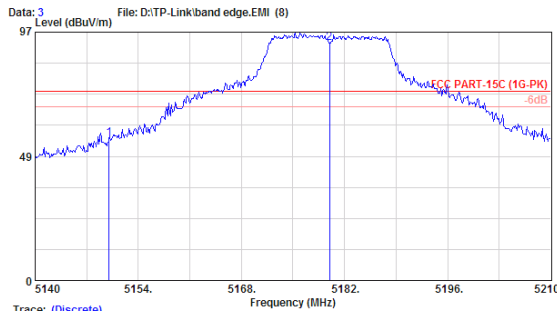
- Remark : 1. Emission Level = Antenna Factor + Cable Loss + Meter Reading.
 2. Low frequency section (spurious in the restricted band 4500-5150MHz).
 3. ‘*’ The field strength of emission appearing within Part 15.205(a) shall not exceed the limits shown in section 15.209.



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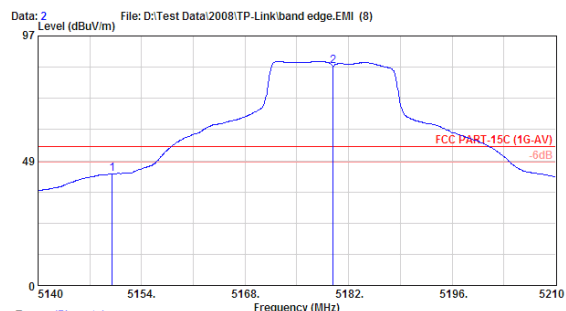
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Trace: (Discrete)
 Site no. : A/C Chamber Data no. : 3
 Dis. / Ant. : 3m 3115 Ant. pol. : VERTICAL
 Limit : FCC PART-15C (1G-PK)
 Env. / Ins. : E7405A 26°C/49% Engineer : Jarwei Wang
 EUT : Wireless Cardbus Adapter
 Power Rating : 120Vac/60Hz M/N:SMC2536W-AG2
 Test Mode : TX5180

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	5150.000	34.28	8.65	12.51	55.44	74.00	18.56	Peak
2	5179.970	34.32	8.51	49.85	92.67	74.00	-18.67	Peak

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



Trace: (Discrete)
 Site no. : A/C Chamber Data no. : 2
 Dis. / Ant. : 3m 3115 Ant. pol. : VERTICAL
 Limit : FCC PART-15C (1G-AV)
 Env. / Ins. : E7405A 26°C/49% Engineer : Jarwei Wang
 EUT : Wireless Cardbus Adapter
 Power Rating : 120Vac/60Hz M/N:SMC2536W-AG2
 Test Mode : TX5180

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	5150.000	34.28	8.65	0.42	43.36	54.00	10.64	Average
2	5179.900	34.32	8.51	42.43	85.26	54.00	-31.26	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 : May 29, 2008 Temperature : 26°C

EUT : EliteConnect™ Dualband Wireless Cardbus Adapter Humidity : 49%

Test Mode : Transmit, Channel: 64, Frequency: 5320MHz

	Emission Frequency MHz	Antenna Factor dB/m	Cable Loss dB	Meter Reading Horizontal dBμV	Emission Level Horizontal dBμV/m	Limits dBμV/m	Margin dB
Peak *	5350.690	34.52	8.34	16.80	59.66	74.00	14.34
Average *	5349.990	34.52	8.34	1.19	44.05	54.00	9.95

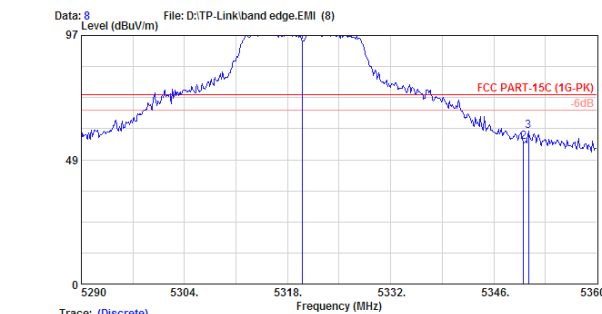
- Remark : 1. Emission Level = Antenna Factor + Cable Loss + Meter Reading.
 2. High frequency section (spurious in the restricted band 5350-5460MHz).
 3. ‘*’ The field strength of emission appearing within Part 15.205(a) shall not exceed the limits shown in section 15.209.



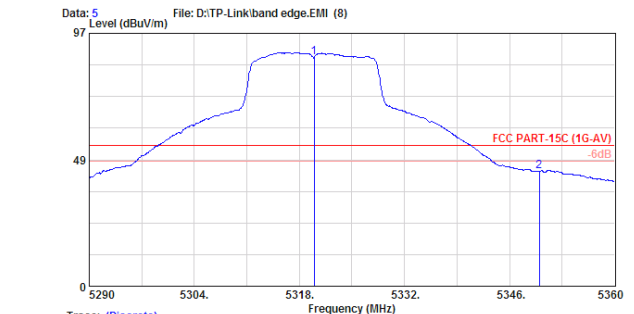
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Trace: (Discrete) File: D:\TP-Link\band edge.EMI (8)
 Site no. : A/C Chamber Data no. : 8
 Dis. / Ant. : 3m 3115 Ant. pol. : HORIZONTAL
 Limit : FCC PART-15C (1G-PK)
 Env. / Ins. : E7405A 26°C/49% Engineer : Jarwei Wang
 EUT : Wireless Cardbus Adapter
 Power Rating : 120Vac/60Hz M/N:SMC2536W-AG2
 Test Mode : TX5320



Trace: (Discrete) File: D:\TP-Link\band edge.EMI (8)
 Site no. : A/C Chamber Data no. : 5
 Dis. / Ant. : 3m 3115 Ant. pol. : HORIZONTAL
 Limit : FCC PART-15C (1G-AV)
 Env. / Ins. : E7405A 26°C/49% Engineer : Jarwei Wang
 EUT : Wireless Cardbus Adapter
 Power Rating : 120Vac/60Hz M/N:SMC2536W-AG2
 Test Mode : TX5320

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	5320.000	34.48	8.39	51.74	94.61	74.00	-20.61	Peak
2	5350.060	34.52	8.34	12.68	55.54	74.00	18.46	Peak
3	5350.690	34.52	8.34	16.80	59.67	74.00	14.33	Peak

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

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	5320.000	34.48	8.39	44.92	87.79	54.00	-33.79	Average
2	5349.990	34.52	8.34	1.19	44.05	54.00	9.95	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 : May 29, 2008 Temperature : 26°C

EUT : EliteConnect™ Dualband Wireless Cardbus Adapter Humidity : 49%

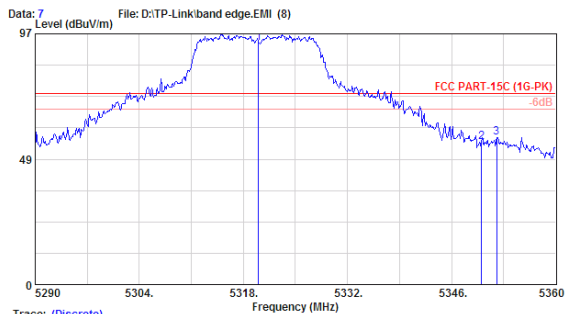
Test Mode : Transmit, Channel: 64, Frequency: 5320MHz

	Emission Frequency MHz	Antenna Factor dB/m	Cable Loss dB	Meter Reading Vertical dBμV	Emission Level Vertical dBμV/m	Limits dBμV/m	Margin dB
Peak *	5352.090	34.52	8.34	14.16	57.02	74.00	16.98
Average *	5350.060	34.52	8.34	2.34	45.20	54.00	8.80

- Remark : 1. Emission Level = Antenna Factor + Cable Loss + Meter Reading.
 2. High frequency section (spurious in the restricted band 5350-5460MHz).
 3. ‘*’ The field strength of emission appearing within Part 15.205(a) shall not exceed the limits shown in section 15.209.



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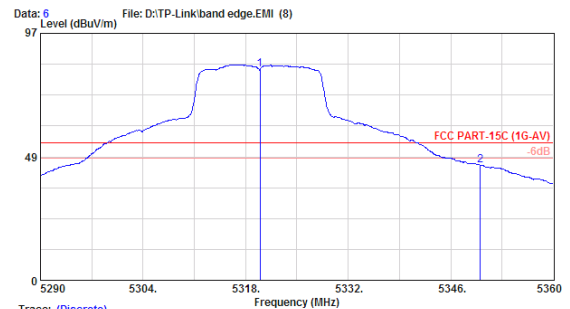
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 Dis. / Ant. : 3m 3115 Ant. pol. : VERTICAL
 Limit : FCC PART-15C (1G-PK)
 Env. / Ins. : E7405A 26°C/49% Engineer : Jarwei Wang
 EUT : Wireless Cardbus Adapter
 Power Rating : 120Vac/60Hz M/N:SMC2536W-AG2
 Test Mode : TX5320

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	5320.030	34.48	8.39	50.72	93.59	74.00	-19.59	Peak
2	5350.060	34.52	8.34	12.20	55.07	74.00	18.93	Peak
3	5352.090	34.52	8.34	14.16	57.02	74.00	16.98	Peak

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



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Trace: (Discrete)
 Site no. : A/C Chamber Data no. : 6
 Dis. / Ant. : 3m 3115 Ant. pol. : VERTICAL
 Limit : FCC PART-15C (1G-AV)
 Env. / Ins. : E7405A 26°C/49% Engineer : Jarwei Wang
 EUT : Wireless Cardbus Adapter
 Power Rating : 120Vac/60Hz M/N:SMC2536W-AG2
 Test Mode : TX5320

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	5319.960	34.48	8.39	39.96	82.83	54.00	-28.83	Average
2	5350.060	34.52	8.34	2.34	45.20	54.00	8.80	Average

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

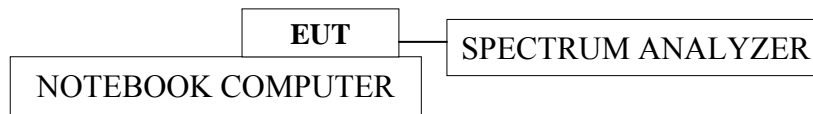
4. 26dB BANDWIDTH MEASUREMENT

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	E4446A	US44300366	Aug. 13, 07'	Aug. 12, 08'

4.2. Block Diagram of Test Setup



EUT: EliteConnect™ Dualband Wireless Cardbus

4.3. Operating Condition of EUT

The test program “ART_53B5_bin” was used to enable the EUT to transmit data at different channel frequency individually.

4.4. Test Procedure

The transmitter output was connected to the spectrum analyzer. The bandwidth of the fundamental frequency was measure by spectrum analyzer with RBW=1% 26dB BW and VBW≥RBW. The 26dB bandwidth is defined as the total spectrum the power of which is higher than peak power minus 26dB.

4.5. Test Results

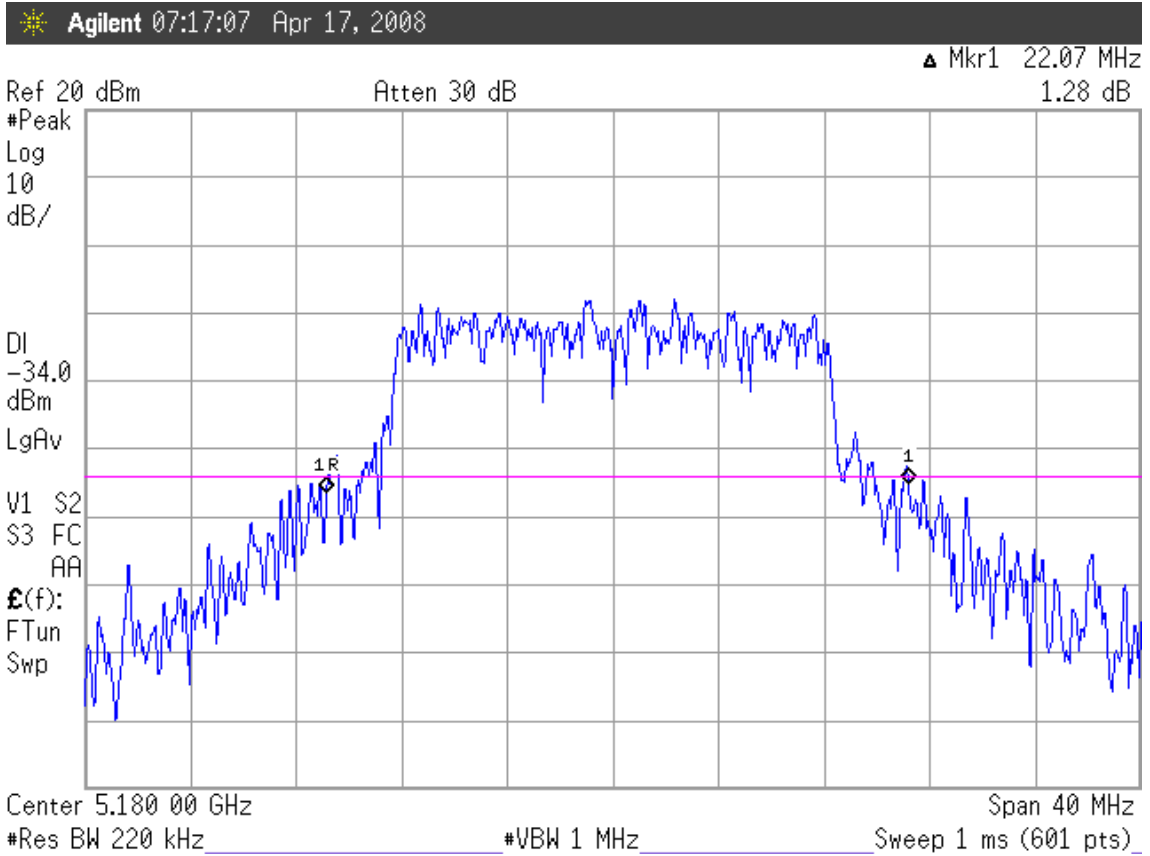
PASSED. All the test results are attached in next pages.

(Test Date : Apr. 17, 2008 Temperature : 26°C Humidity : 57 %)

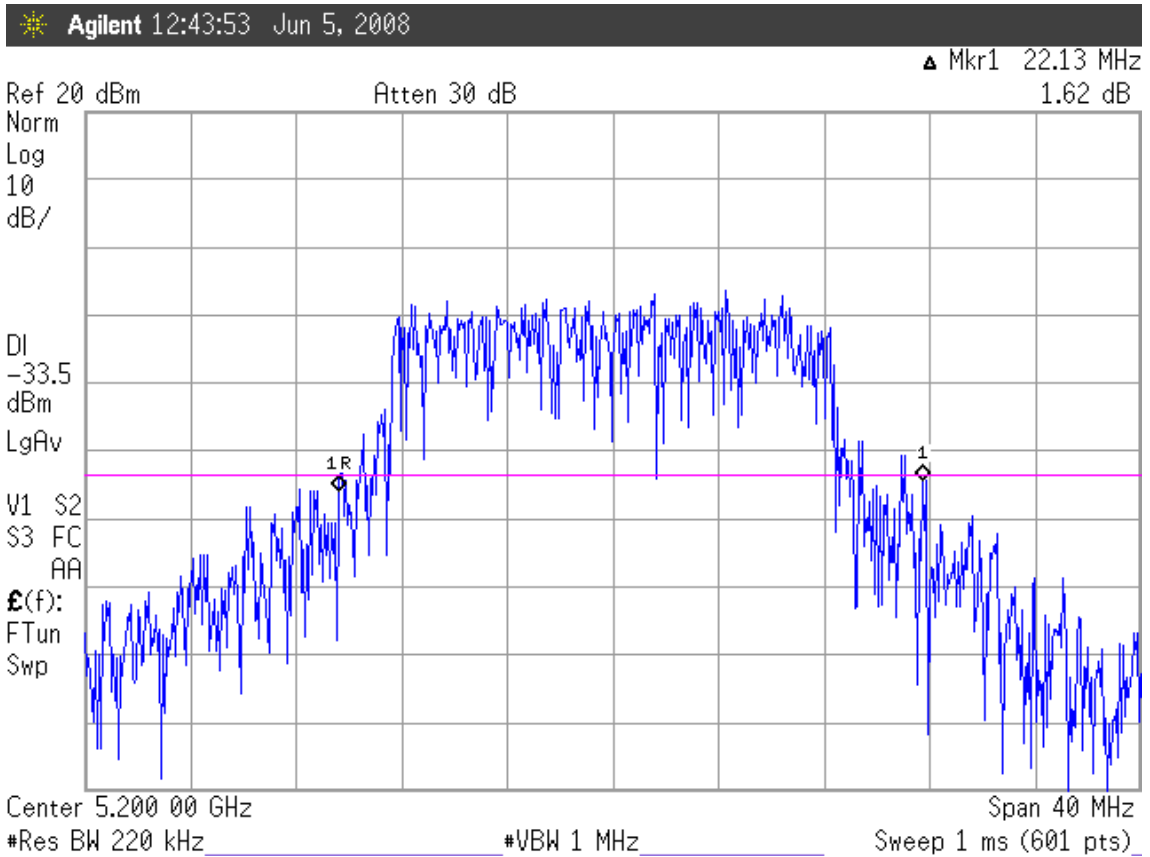
(Test Date : Jun. 05, 2008 Temperature : 26°C Humidity : 57 %)

Channel	Frequency	26dB Bandwidth
36	5180MHz	22.07MHz
40	5200MHz	22.13MHz
48	5240MHz	22.53MHz
52	5260MHz	22.00MHz
56	5280MHz	21.47MHz
64	5320MHz	20.20MHz

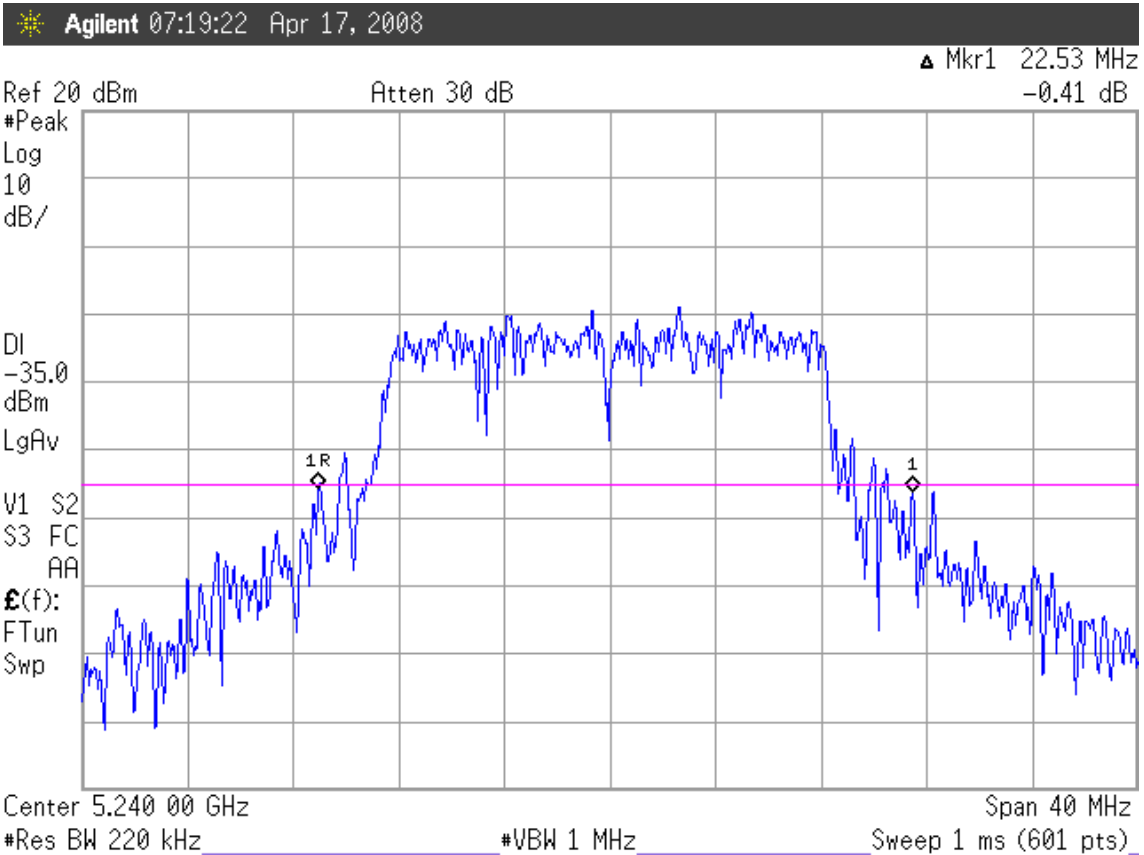
Frequency: 5180MHz



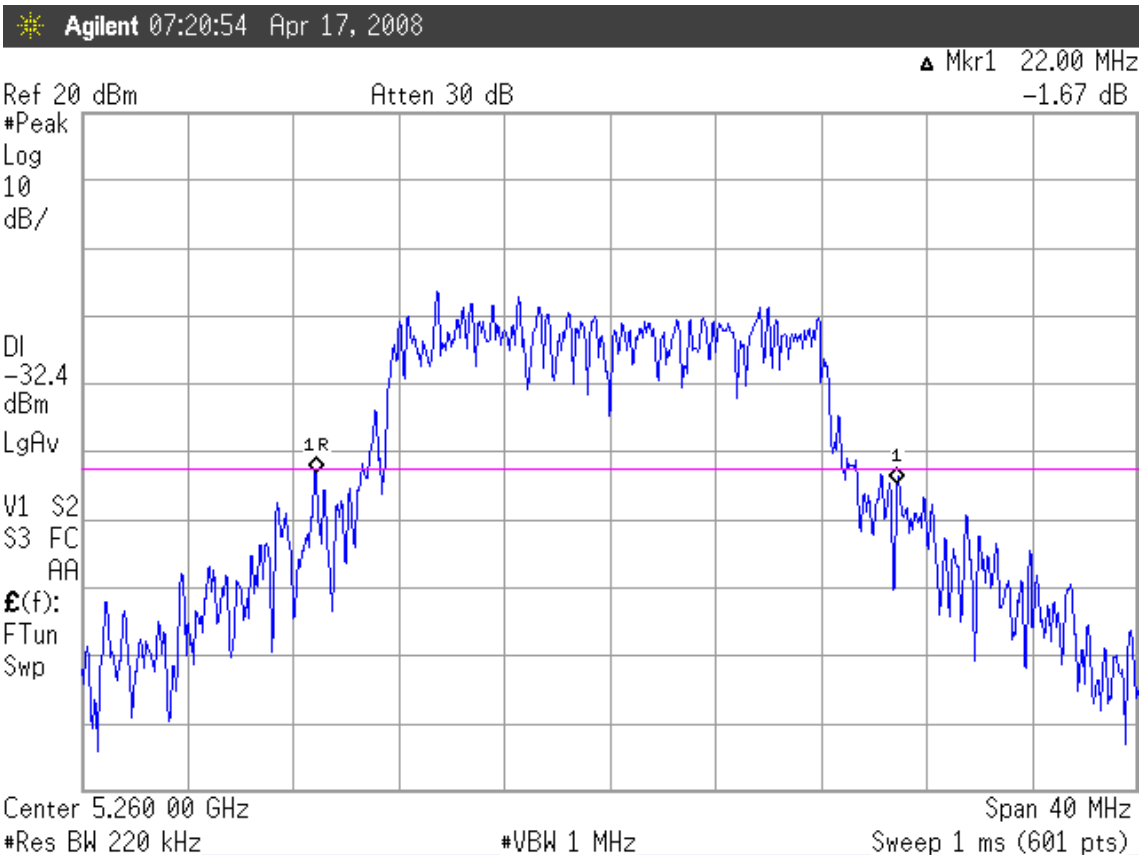
Frequency: 5200MHz



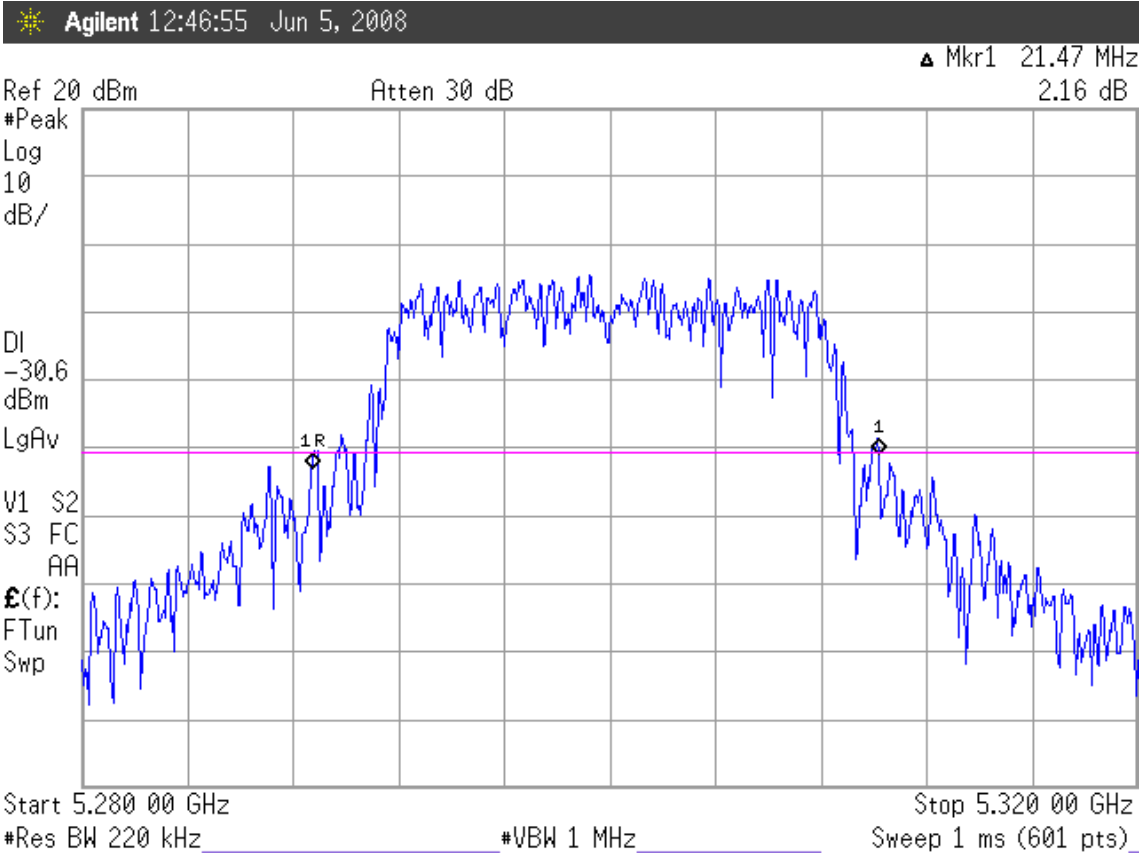
Frequency: 5240MHz



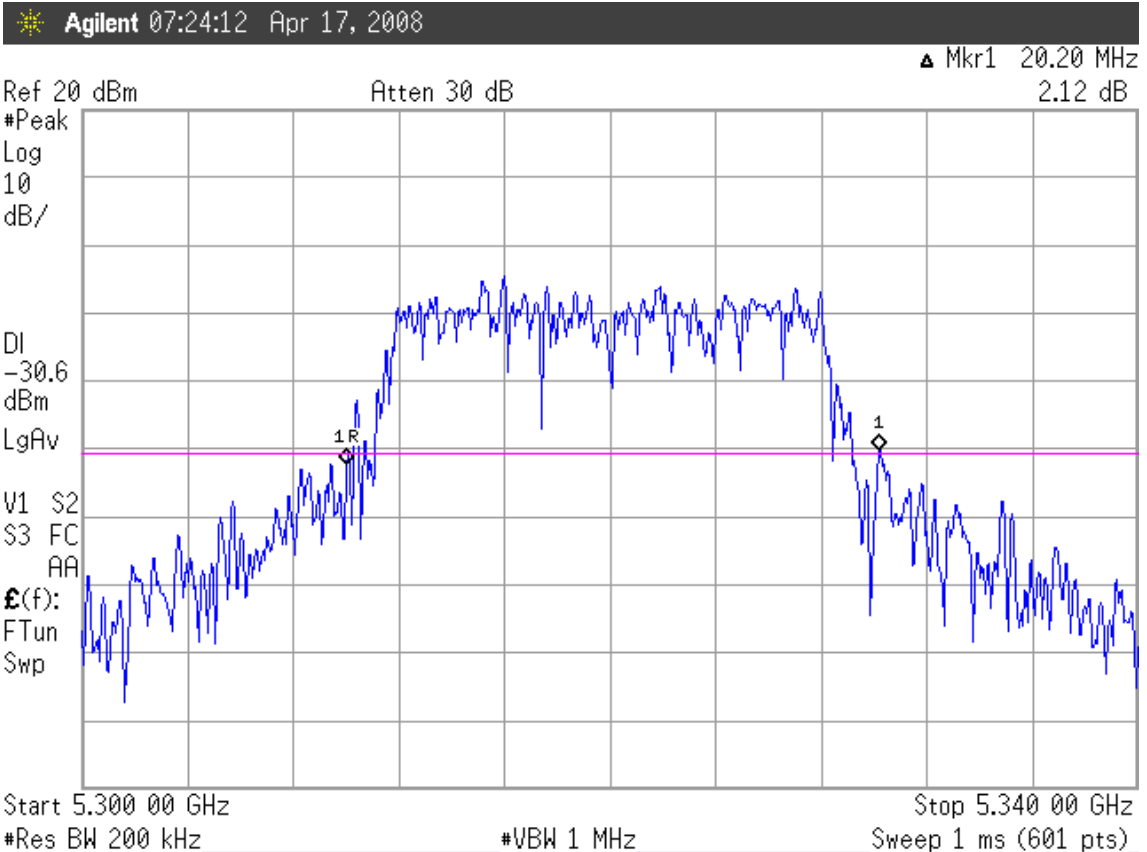
Frequency: 5260MHz



Frequency: 5280MHz



Frequency: 5320MHz



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.	Spectrum Analyzer	Agilent	E4446A	US44300366	Aug. 13, 07'	Aug. 12, 08'

5.2. Block Diagram of Test Setup

The same as section.4.2.

5.3. Specification Limits (§15.407(a)-(1)&(2))

Frequency	Limit 1	Limit 2 (4dBm+10log B)	Reference Limit
5180MHz	50mW (17dBm)	17.44dBm	17dBm
5240MHz		17.53dBm	

Frequency	Limit 1	Limit 2 (11dBm+10log B)	Reference Limit
5260MHz	250mW (24dBm)	24.42dBm	24dBm
5320MHz		24.43dBm	

Remark: B= 26dB Bandwidth

5.4. Operating Condition of EUT

The test program “ART_53B5_bin” 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 spectrum analyzer and using the spectrum analyzer's channel power function set RBW to 1MHz, VBW $\geq 1/T$ (300kHz), use sample detector measure the output power. (T = transmission pulse duration)

5.6. Test Results

PASSED. All the test results are listed below.

(Test Date : Jun. 03, 2008 Temperature : 25°C Humidity : 55 %)

Channel	Frequency	Peak Output Power	Limit
36	5180MHz	15.56dBm	17dBm
40	5200MHz	15.49dBm	17dBm
48	5240MHz	15.44dBm	17dBm
52	5260MHz	17.23dBm	24dBm
56	5280MHz	17.42dBm	24dBm
64	5320MHz	17.62dBm	24dBm

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	E4446A	US44300366	Aug. 13, 07'	Aug. 12, 08'

6.2. Block Diagram of Test Setup

The same as section.4.2.

6.3. Specification Limits (§15.407(b)-(1) & (2))

For transmitters operating in the 5.15-5.25GHz band: all emission outside of the 5.150-5.350GHz band shall not exceed an EIRP of -27dBm/MHz.

Maximum Antenna Gain: 4.09dBi

Spurious Limit: -27dBm/MHz eirp

Limit Used on Plots ^{Note 1}: -31.09dBm/MHz

^{Note 1}: The -27dBm/MHz limit is an eirp limit. The limit for antenna port conducted measurements is adjusted to take into consideration the maximum antenna gain (limit = -27dBm-antenna gain). Radiated field strength measurements for signals more than 50MHz from the bands and that are close to the limit are made to determine compliance as the antenna gain is not known at these frequencies.

6.4. Operating Condition of EUT

The test program “ART_53B5_bin” 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 1MHz RBW and 1MHz VBW.

6.6. Test Results

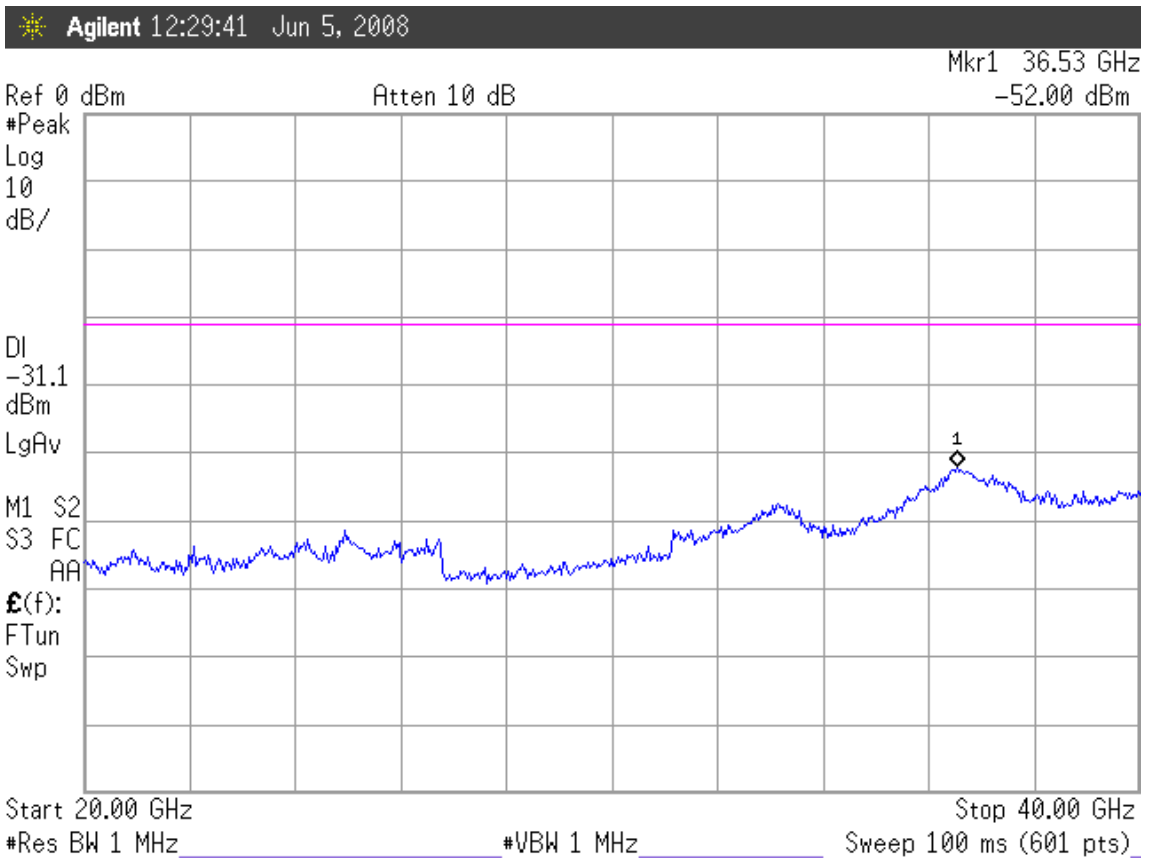
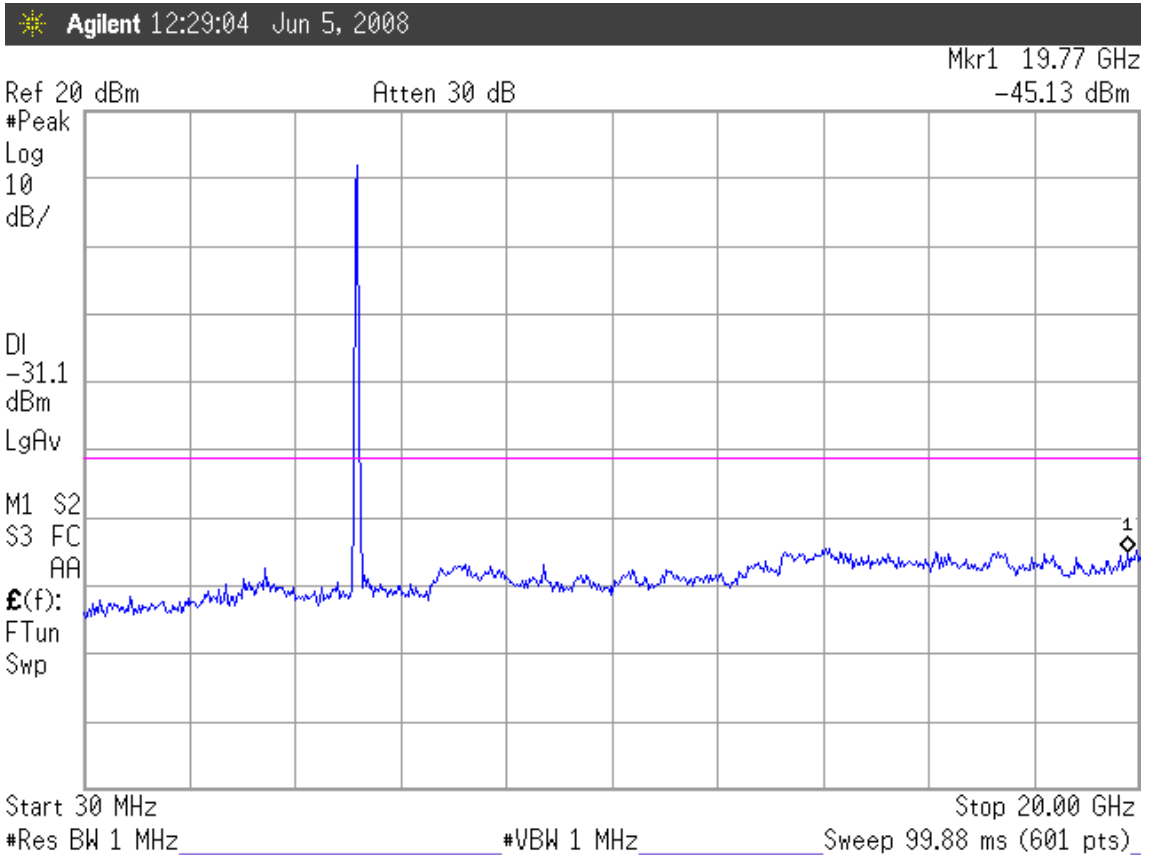
PASSED. The testing data was attached in the next pages.

(Test Date : Jun. 05, 2008 Temperature : 25°C Humidity : 54 %)

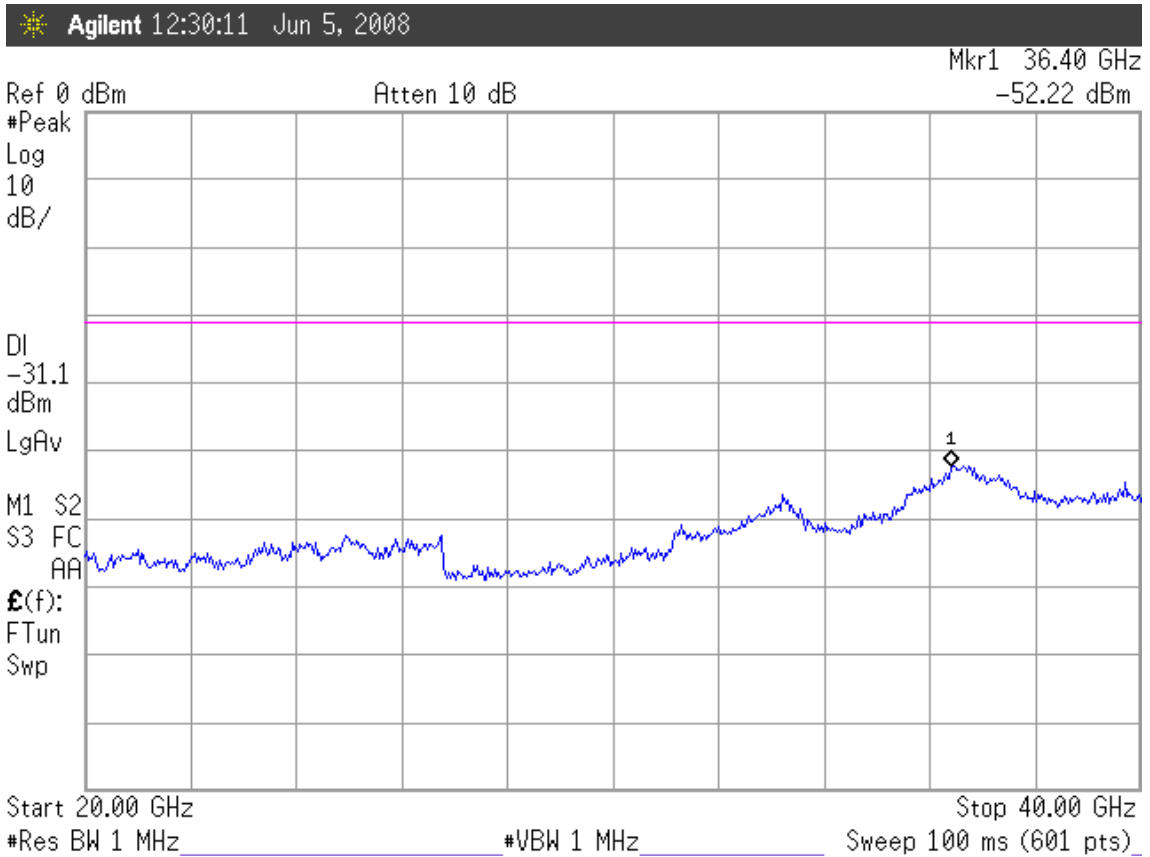
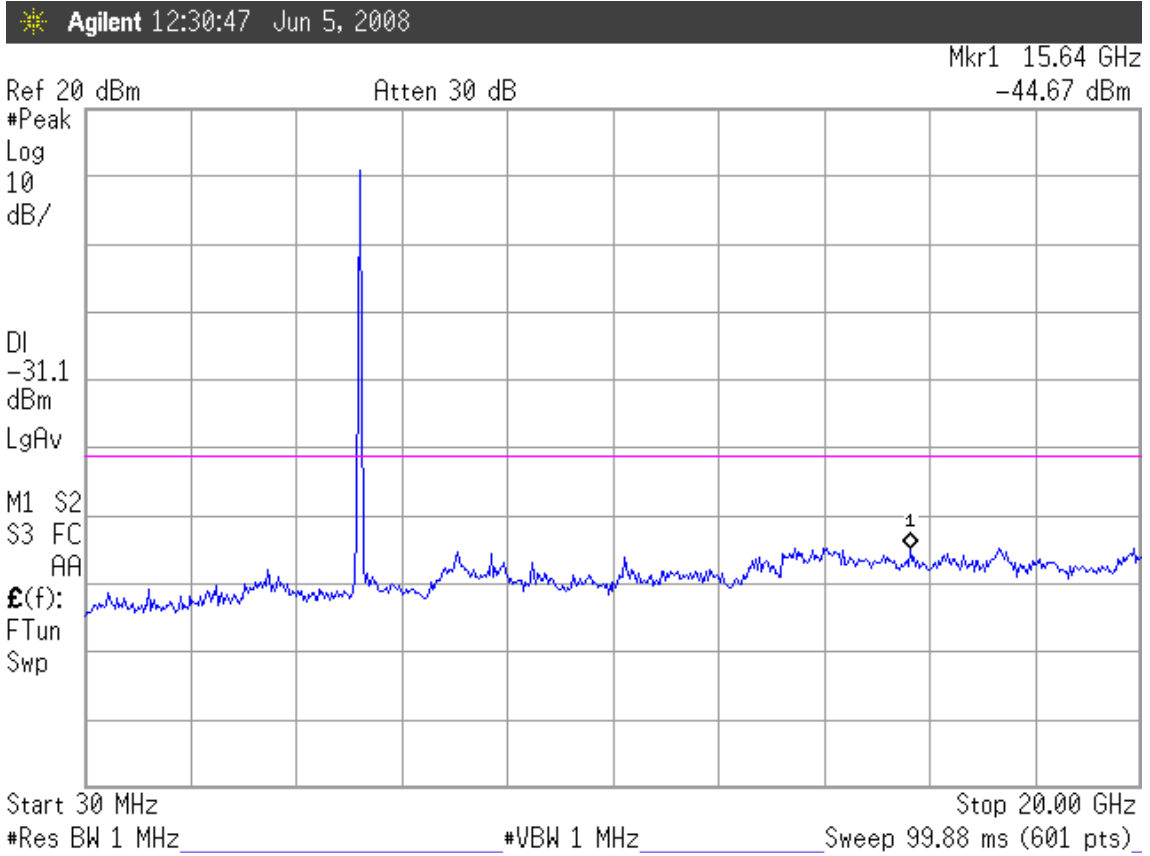
1. 5180MHz: During 30MHz~40GHz bandwidth. In the 19.77GHz, the -45.13dBm is max value that is lower than 20dB of primary channel.
2. 5200MHz: During 30MHz~40GHz bandwidth. In the 15.64GHz, the -44.67dBm is max value that is lower than 20dB of primary channel.
3. 5240MHz: During 30MHz~40GHz bandwidth. In the 14.11GHz, the -44.08dBm is max value that is lower than 20dB of primary channel.
4. 5260MHz: During 30MHz~40GHz bandwidth. In the 3.49GHz, the -46.42dBm is max value that is lower than 20dB of primary channel.
5. 5280MHz: During 30MHz~40GHz bandwidth. In the 13.28GHz, the -44.04dBm is max value that is lower than 20dB of primary channel.
6. 5320MHz: During 30MHz~40GHz bandwidth. In the 3.56GHz, the -46.52dBm is max value that is lower than 20dB of primary channel.

Note: The peak above the limit line is the carrier frequency.

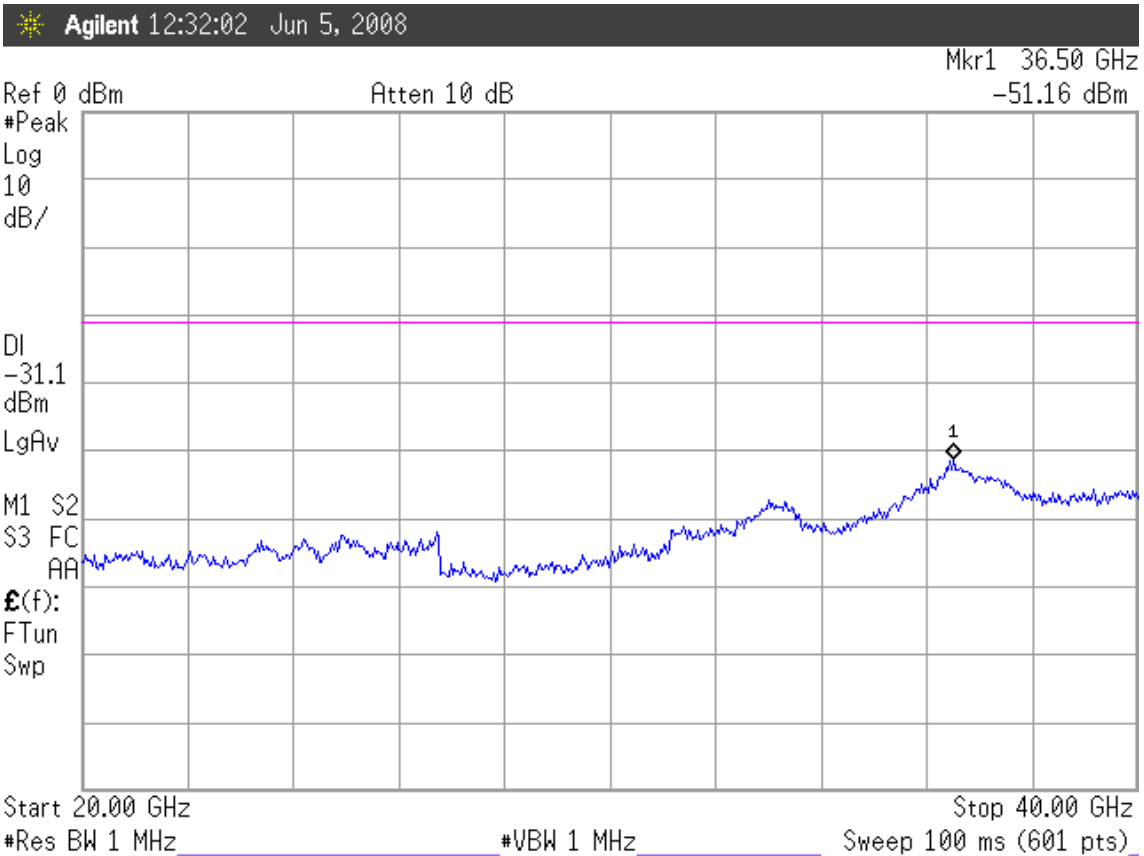
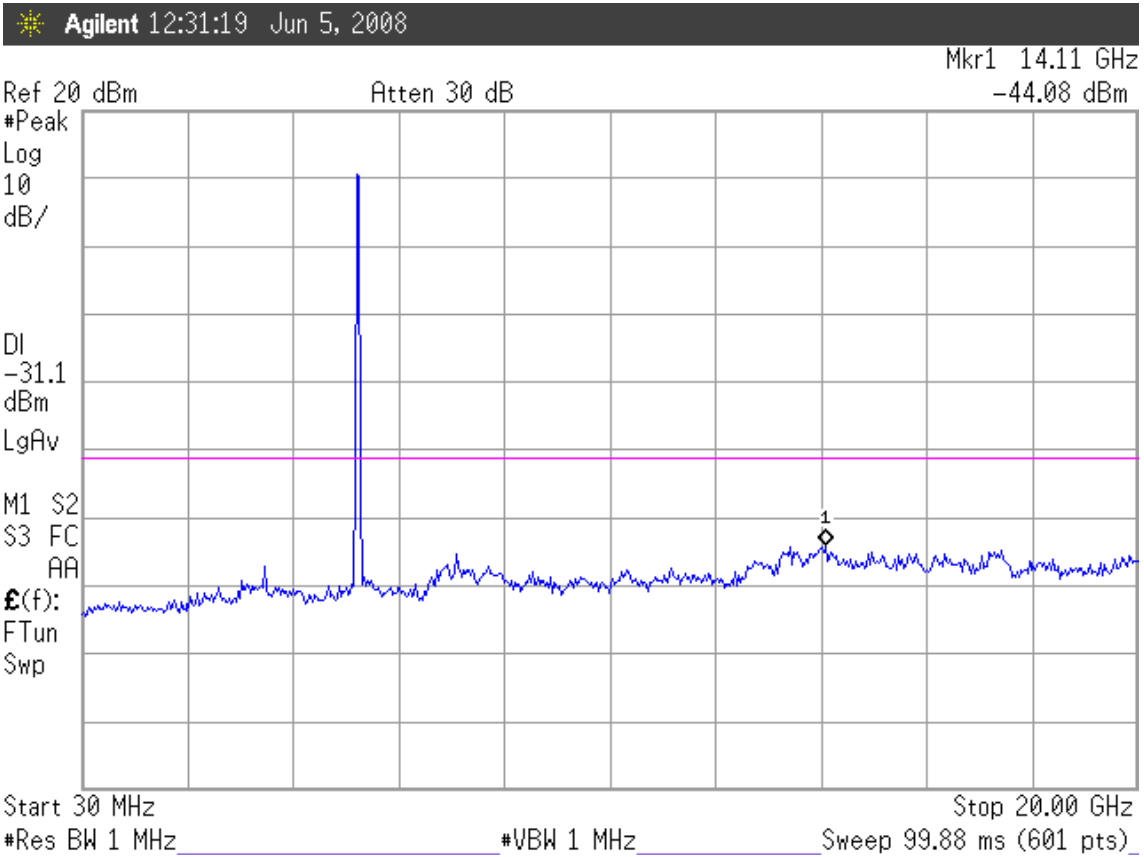
Frequency: 5180MHz



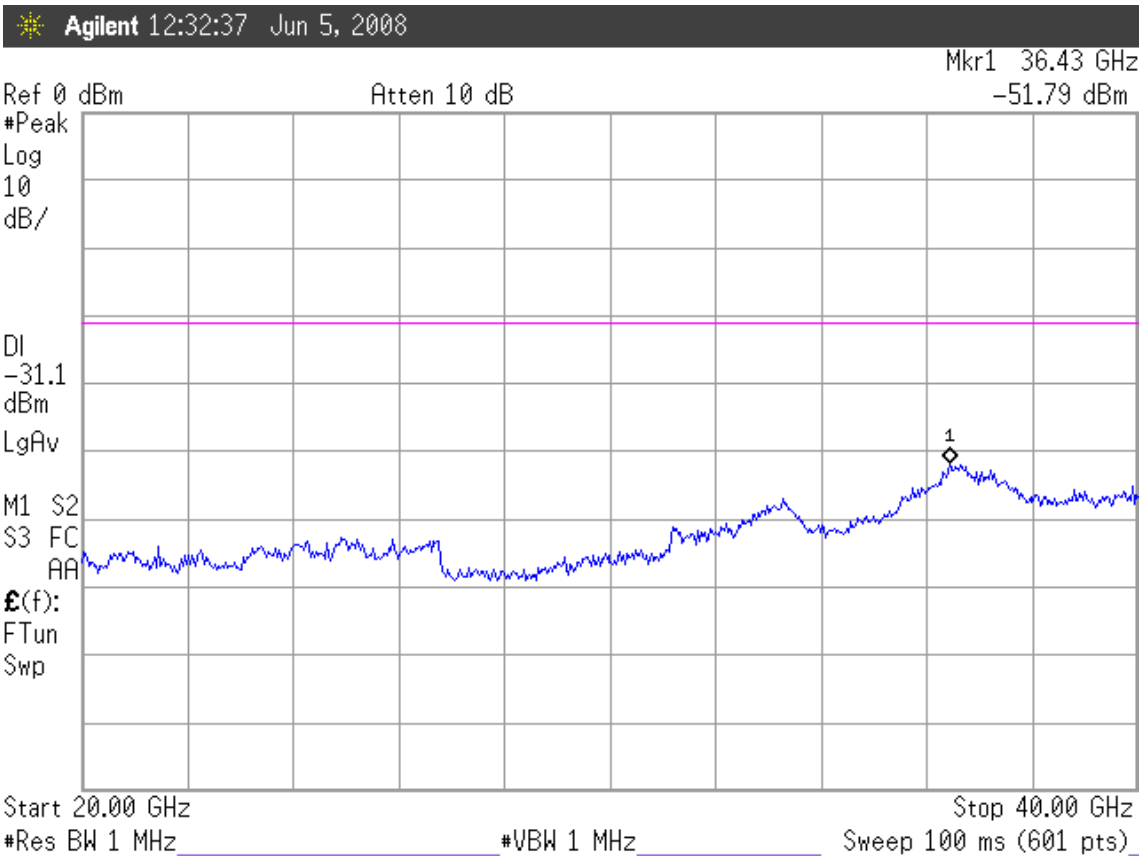
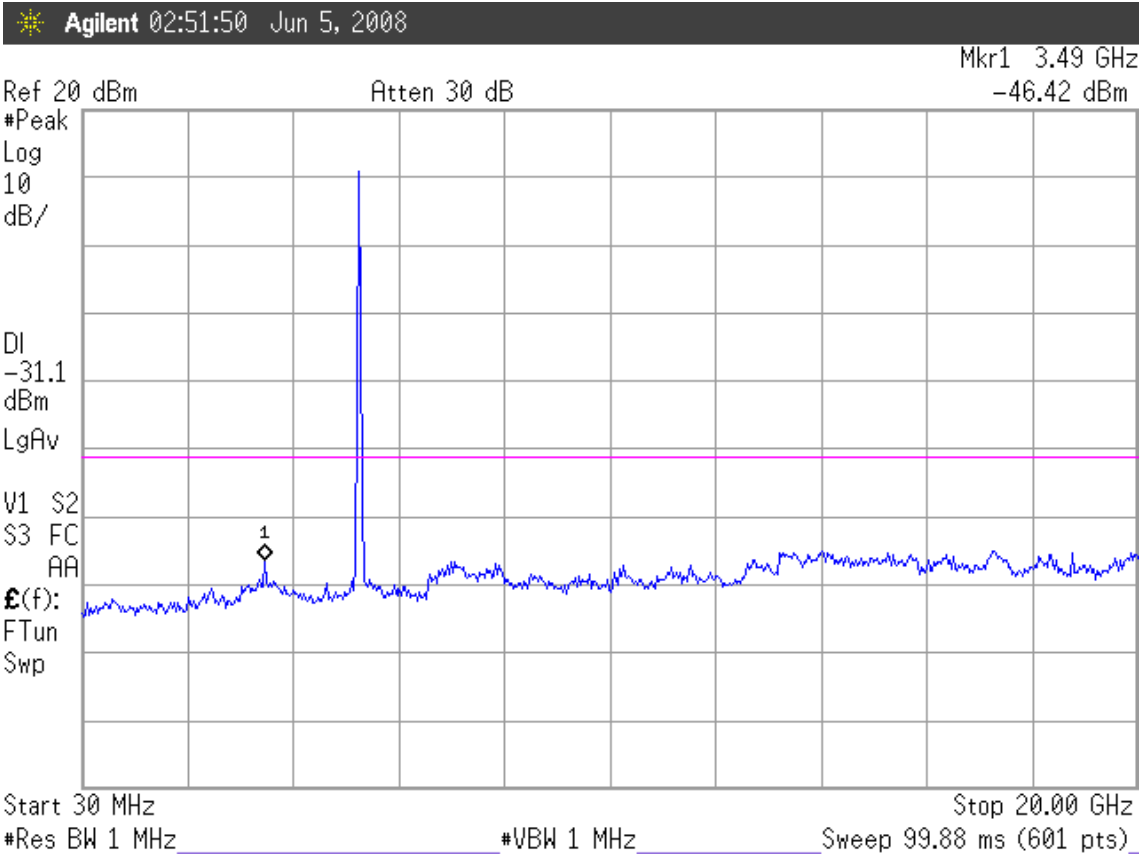
Frequency: 5200MHz



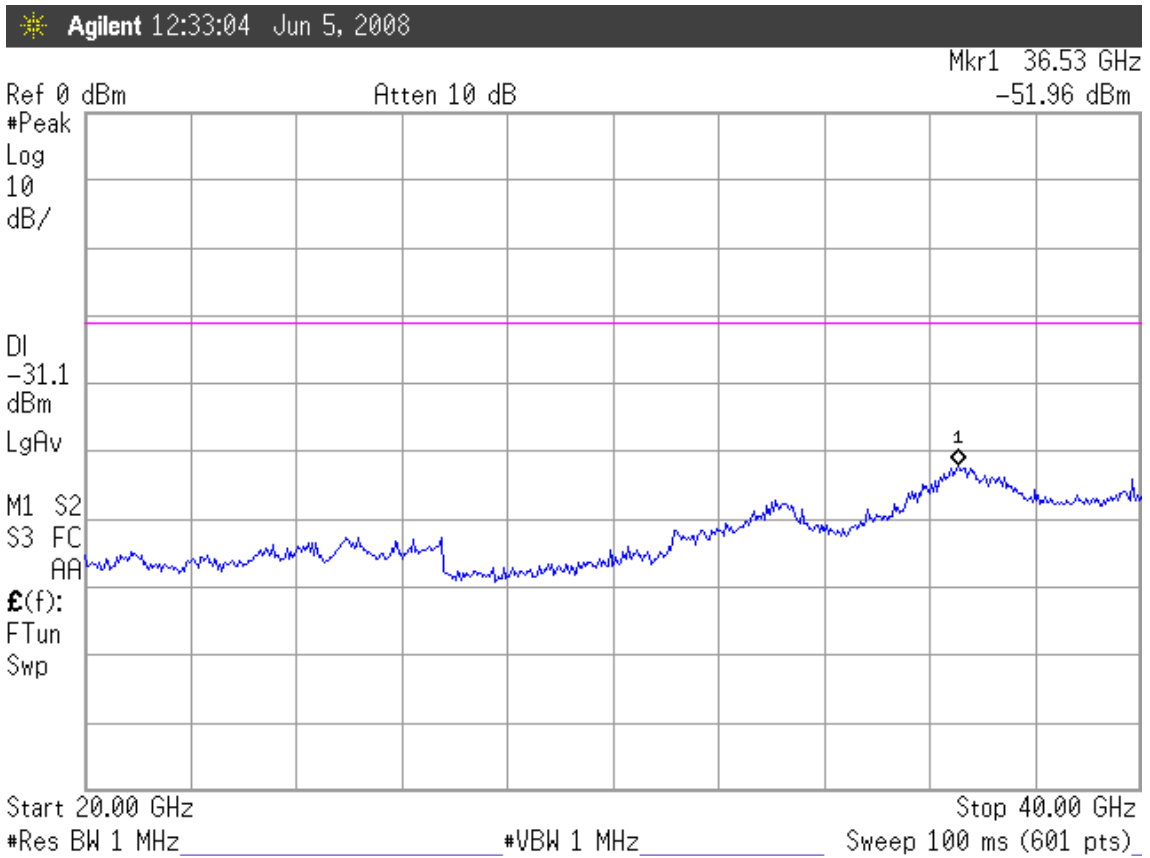
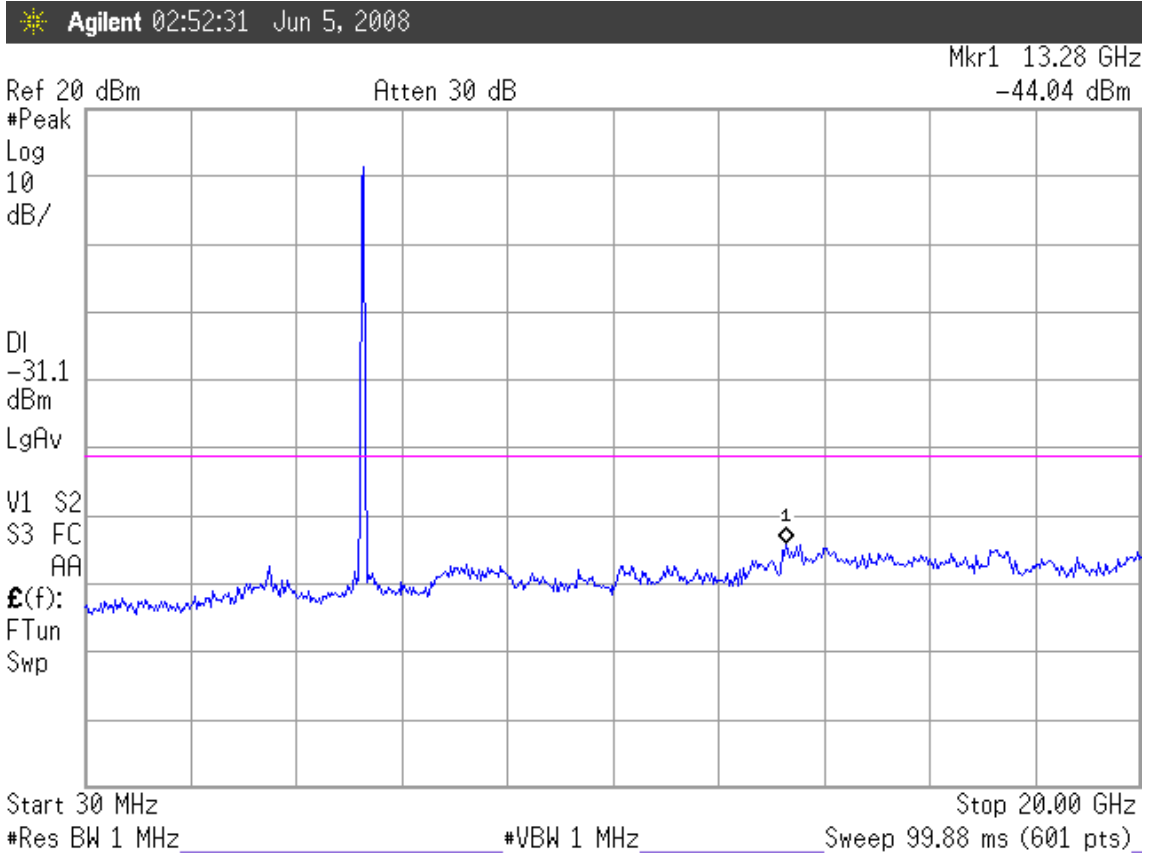
Frequency: 5240MHz



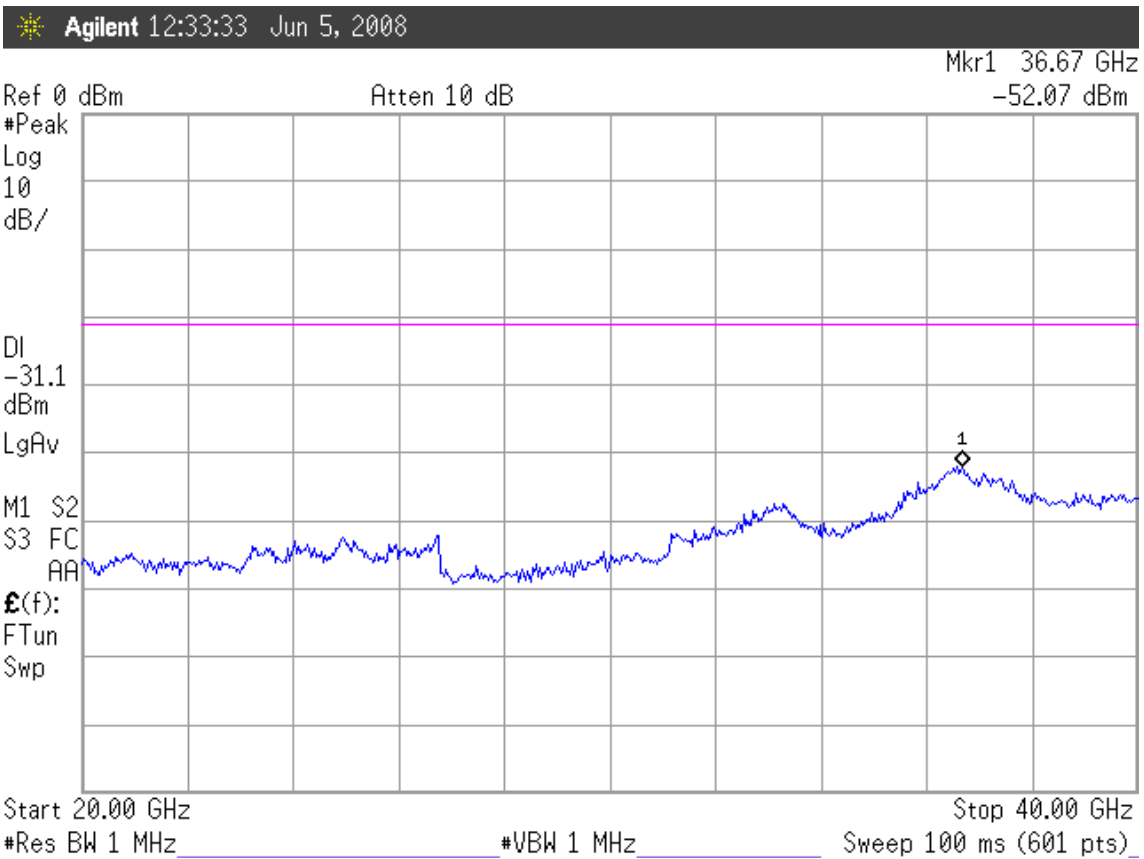
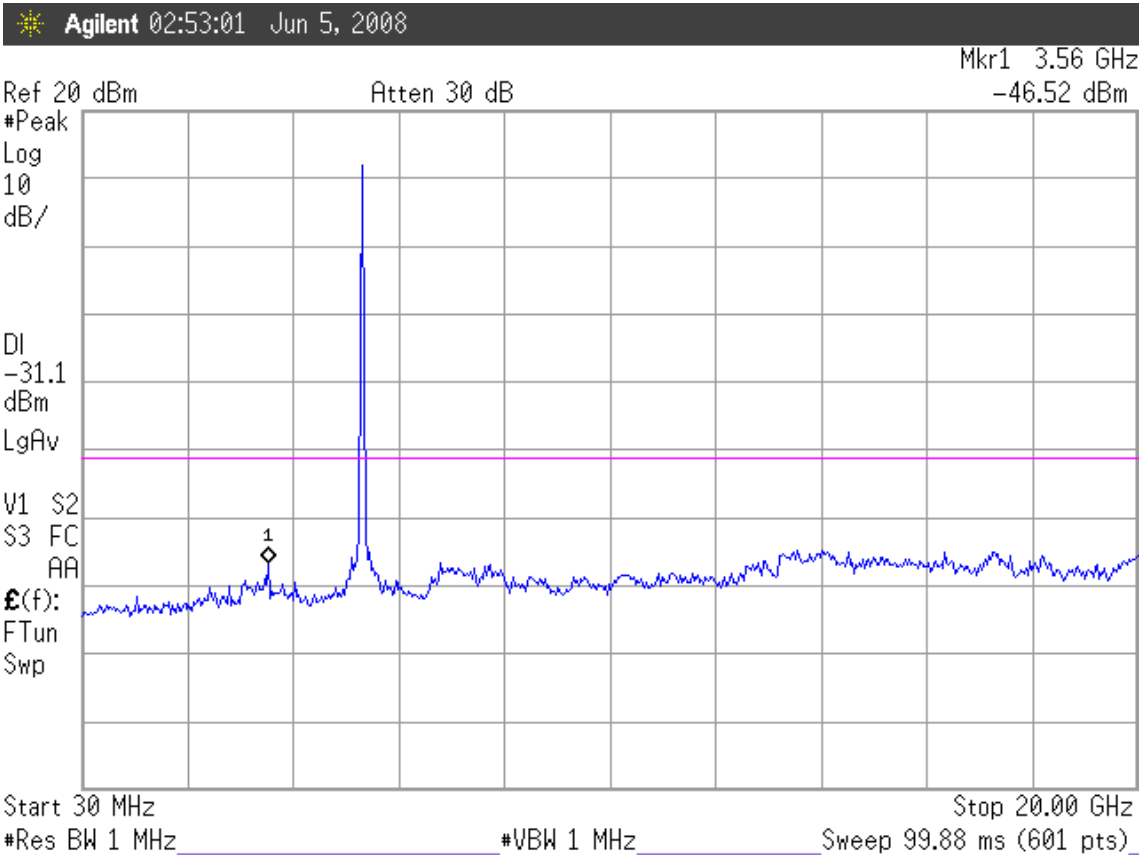
Frequency: 5260MHz



Frequency: 5280MHz



Frequency: 5320MHz



7. BAND EDGES MEASUREMENT

7.1. Test Equipment

The following test equipment was used during the band edges measurement:

Item	Type	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
1.	Spectrum Analyzer	Agilent	E4446A	US44300366	Aug. 13, 07'	Aug. 12, 08'

7.2. Block Diagram of Test Setup

The same as section.4.2.

7.3. Specification Limits (§15.407(b)-(1) & (2))

For transmitters operating in the 5.15-5.25GHz band: all emission outside of the 5.150-5.350GHz band shall not exceed an EIRP of -27dBm/MHz.

Maximum Antenna Gain: 4.09dBi

Spurious Limit: -27dBm/MHz eirp

Limit Used on Plots ^{Note 1}: -31.09dBm/MHz

^{Note 1}: The -27dBm/MHz limit is an eirp limit. The limit for antenna port conducted measurements is adjusted to take into consideration the maximum antenna gain (limit = -27dBm-antenna gain). Radiated field strength measurements for signals more than 50MHz from the bands and that are close to the limit are made to determine compliance as the antenna gain is not known at these frequencies.

7.4. Operating Condition of EUT

The test program “ART_53B5_bin” was used to enable the EUT to transmit data at different channel frequency individually.

7.5. Test Procedure

The transmitter output was connected to the spectrum analyzer. Set both RBW and VBW of spectrum analyzer to 1MHz with suitable frequency span including 1MHz bandwidth from band edge.

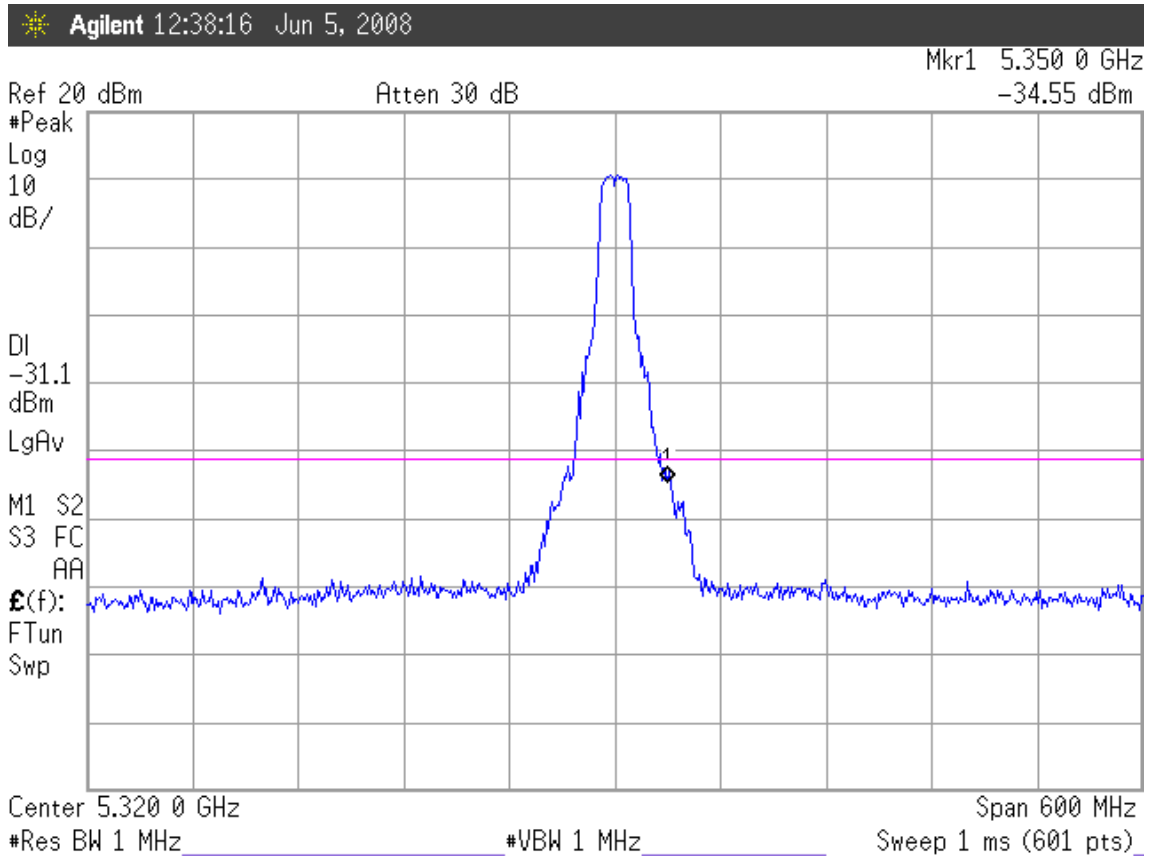
7.6. Test Results

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

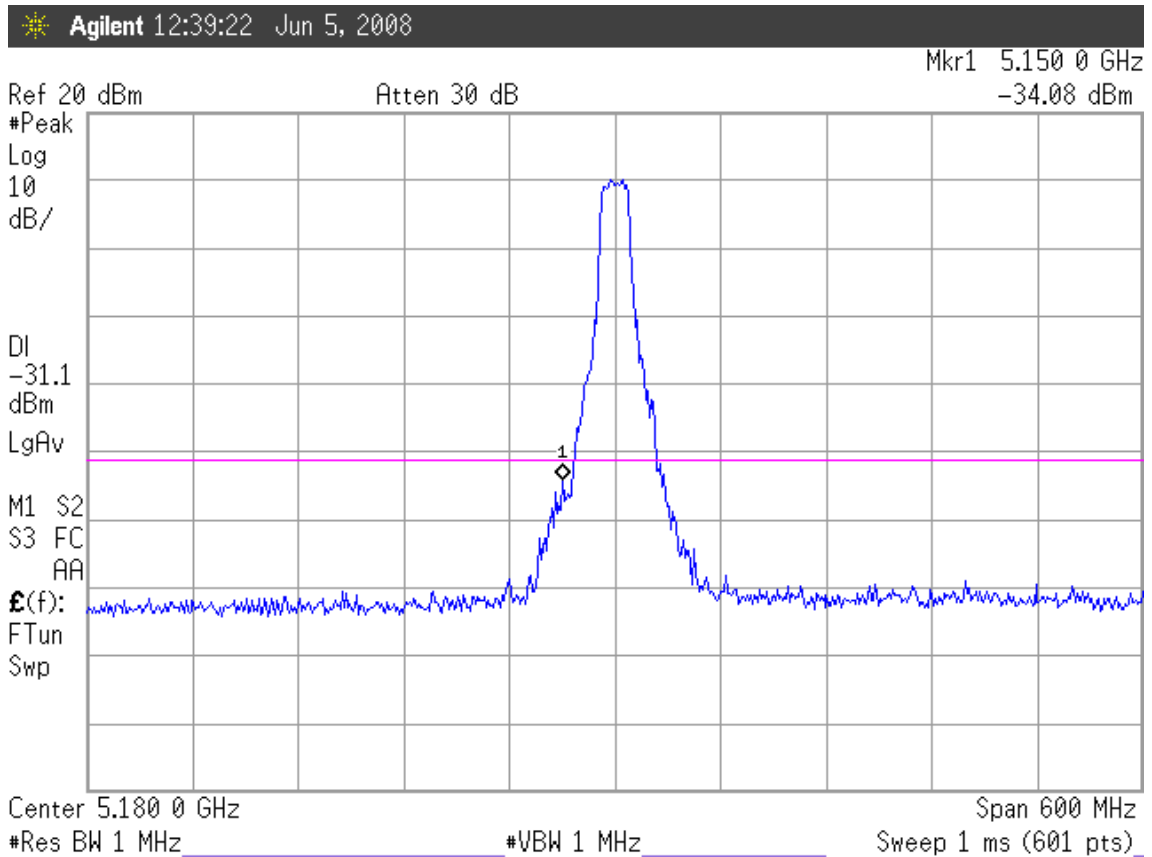
(Test Date : Jun. 05, 2008 Temperature : 25°C Humidity : 57 %)

1. Below Band edge: The highest emission level is -34.55dBm on 5.350GHz ◦
2. Upper Band edge : The highest emission level is -34.08dBm on 5.1500GHz ◦

Below Band edge



Upper Band edge



8. POWER SPECTRAL DENSITY MEASUREMENT

8.1. Test Equipment

The following test equipment was used during the power spectral density measurement:

Item	Type	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
1.	Spectrum Analyzer	Agilent	E4446A	US44300366	Aug. 13, 07'	Aug. 12, 08'

8.2. Block Diagram of Test Setup

The same as section.4.2.

8.3. Specification Limits (§15.407(a)-(1) & (2))

1. For the band 5.15-5.25GHz, the peak power spectral density shall not exceed 4dBm in any 1MHz band.
2. For 5.25-5.35GHz and 5.47-5.725GHz band, the peak power spectral density shall not exceed 11dBm in any 1MHz band.

8.4. Operating Condition of EUT

The test program “ART_53B5_bin” was used to enable the EUT to transmit data at different channel frequency individually.

8.5. Test Procedure

The transmitter output was connected to the spectrum analyzer. The bandwidth of the fundamental frequency was measured with the spectrum analyzer using 1MHz RBW and 3MHz VBW.

8.6. Test Results

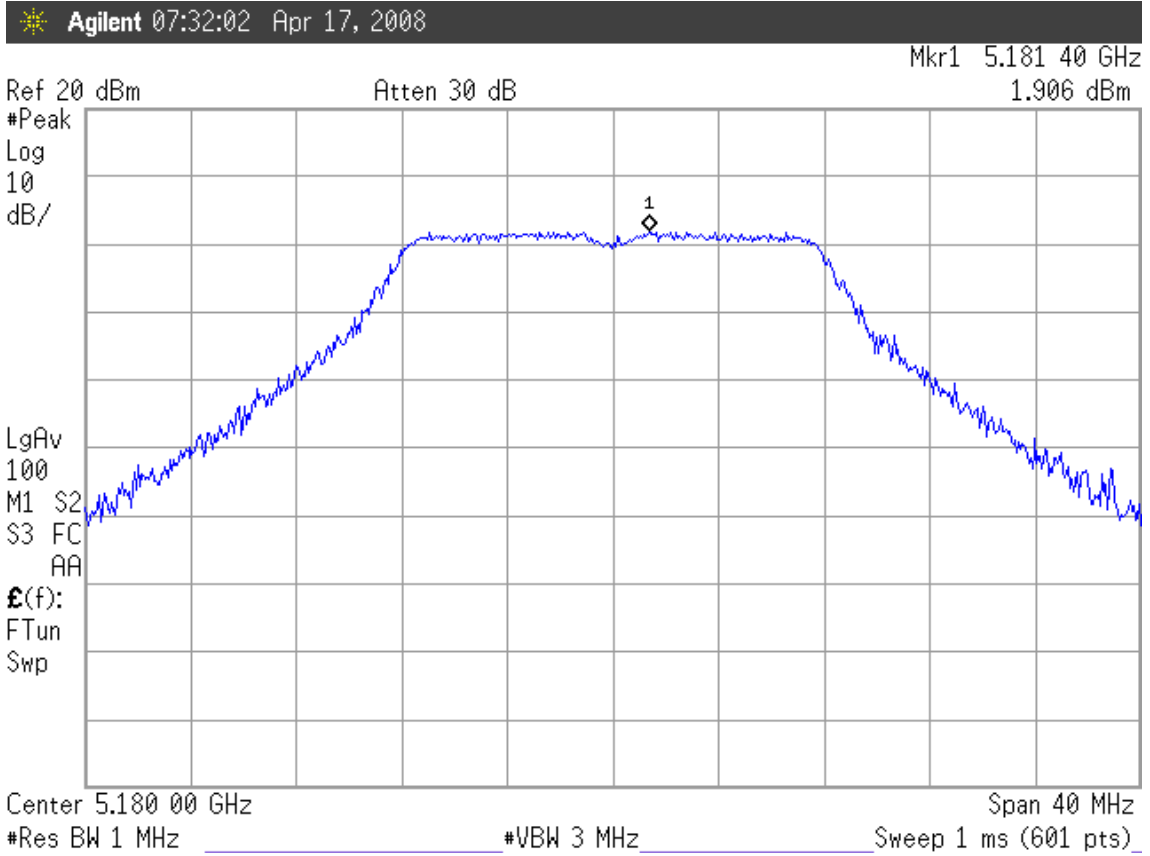
PASSED. All the test results are attached in next pages.

(Test Date : Apr. 17, 2008 Temperature : 26°C Humidity : 57 %)

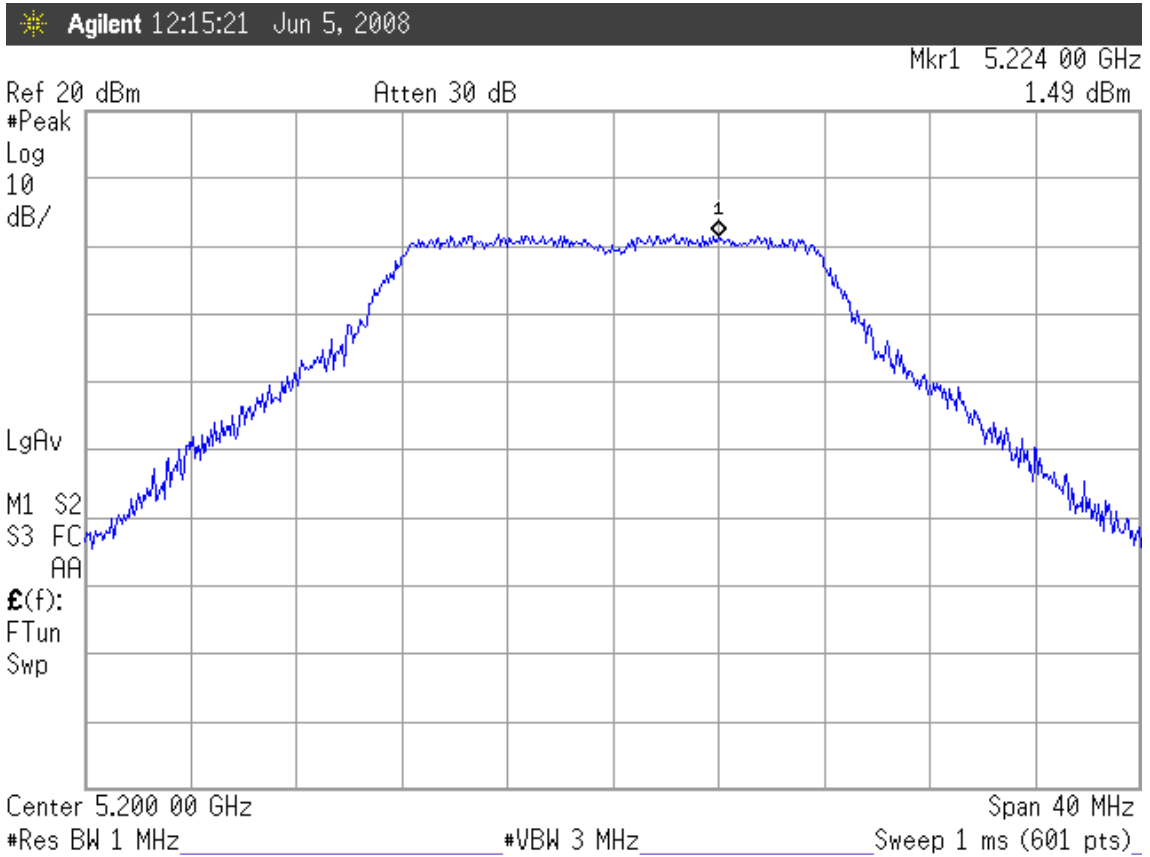
(Test Date : Jun. 05, 2008 Temperature : 26°C Humidity : 57 %)

Channel	Frequency	Power Spectral Density	Limit
36	5180MHz	1.906dBm	4dBm
40	5200MHz	1.49dBm	4dBm
48	5240MHz	0.90dBm	4dBm
52	5260MHz	3.77dBm	11dBm
56	5280MHz	4.52dBm	11dBm
64	5320MHz	4.91dBm	11dBm

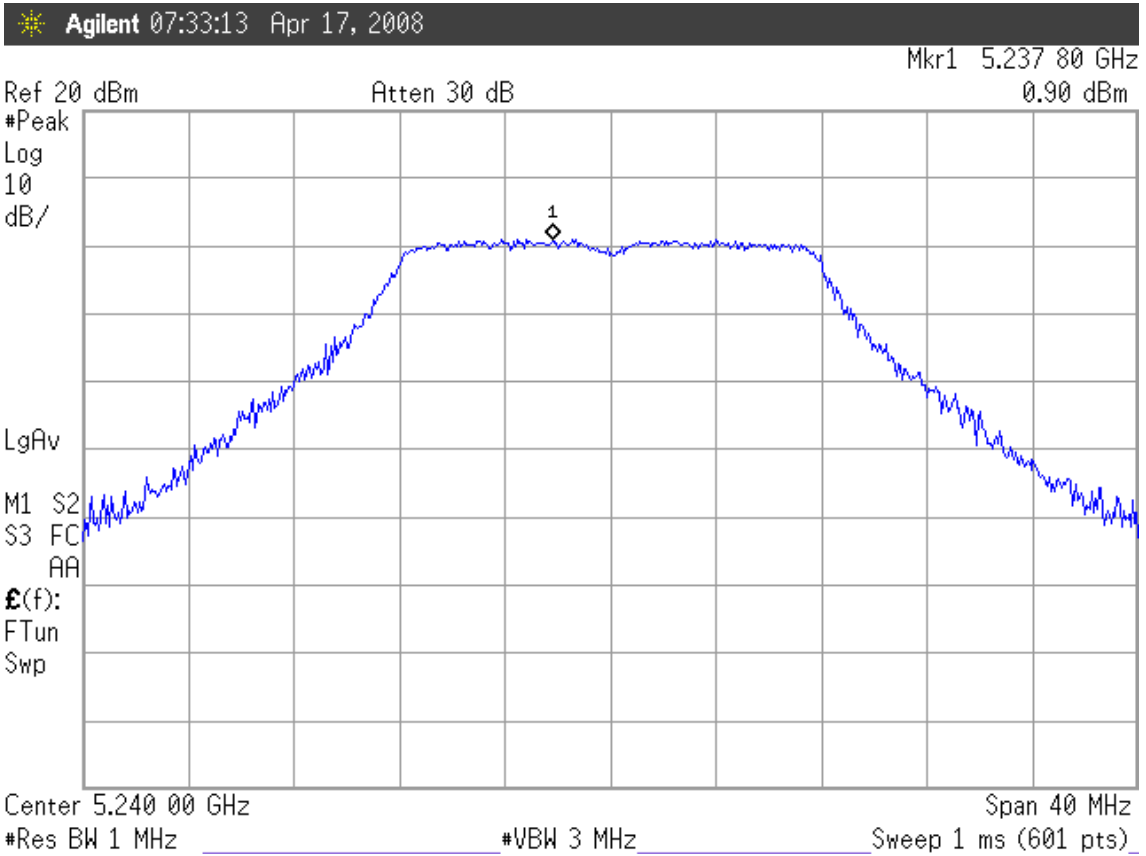
Frequency: 5180MHz



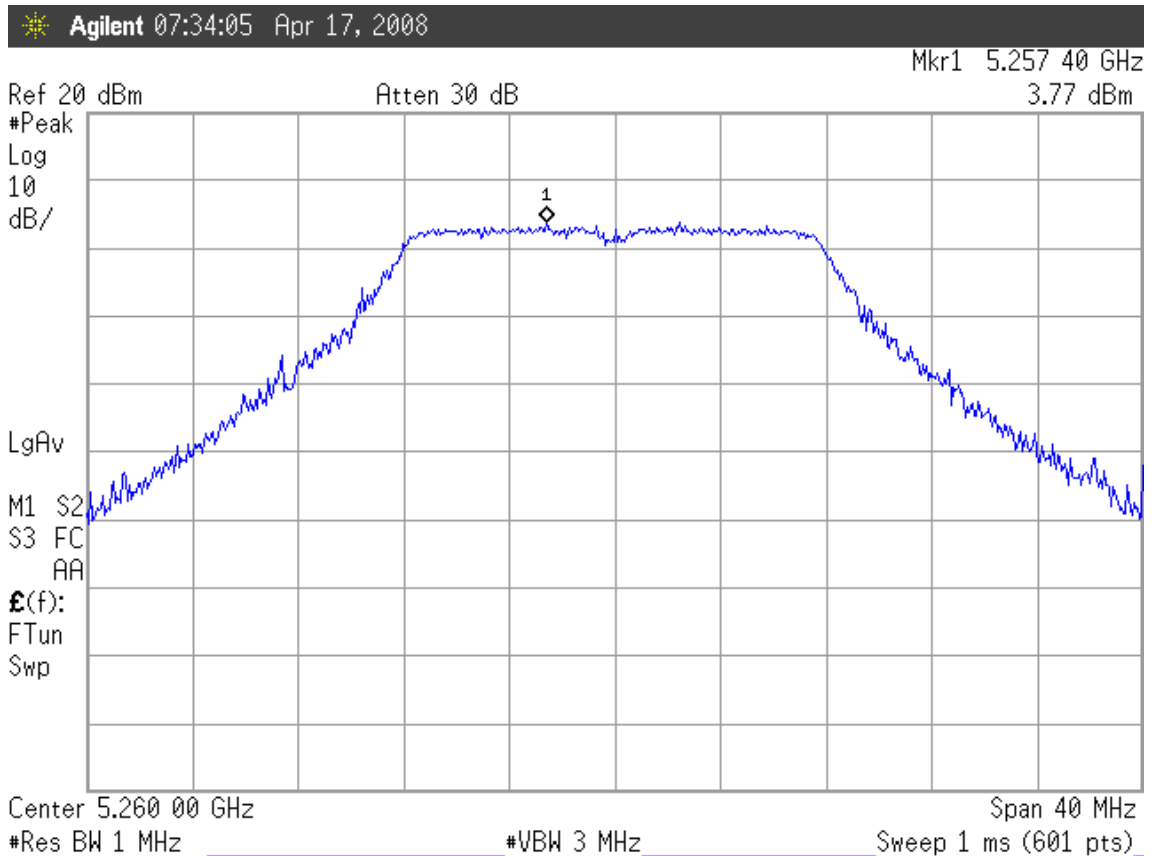
Frequency: 5200MHz



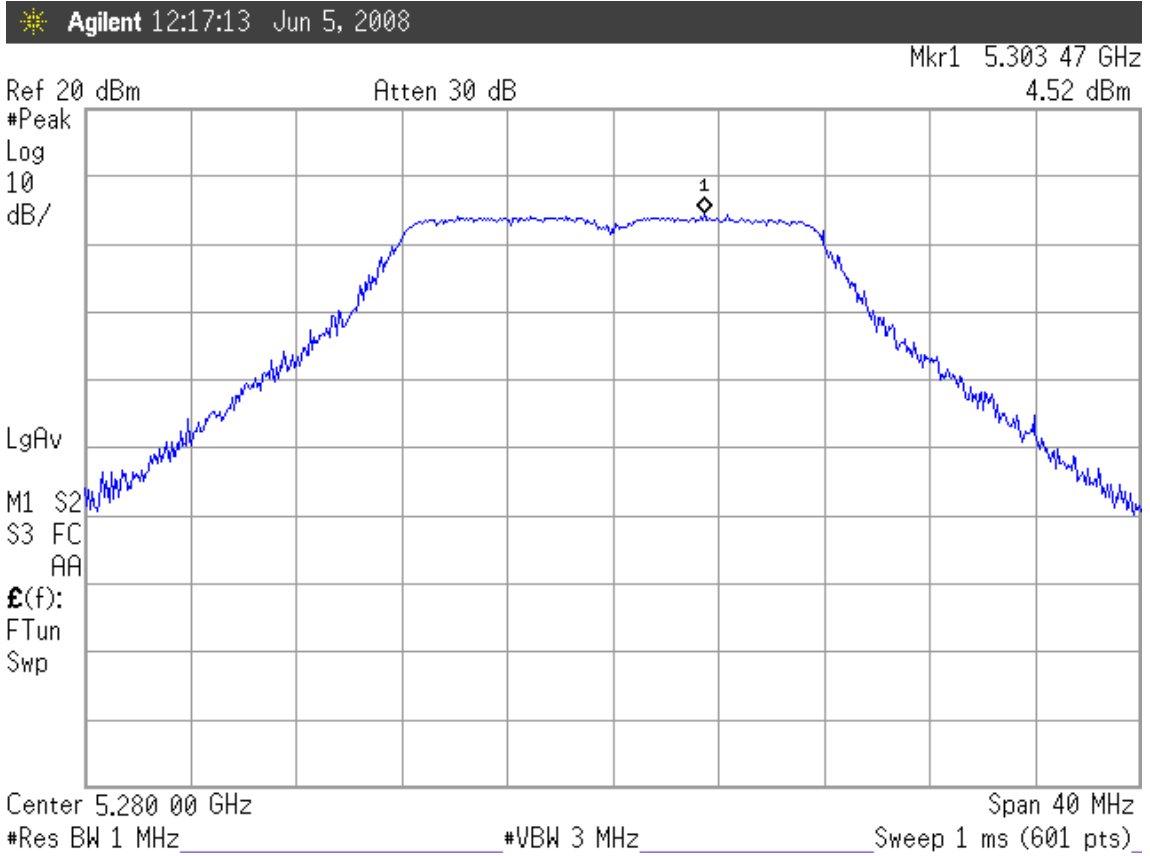
Frequency: 5240MHz



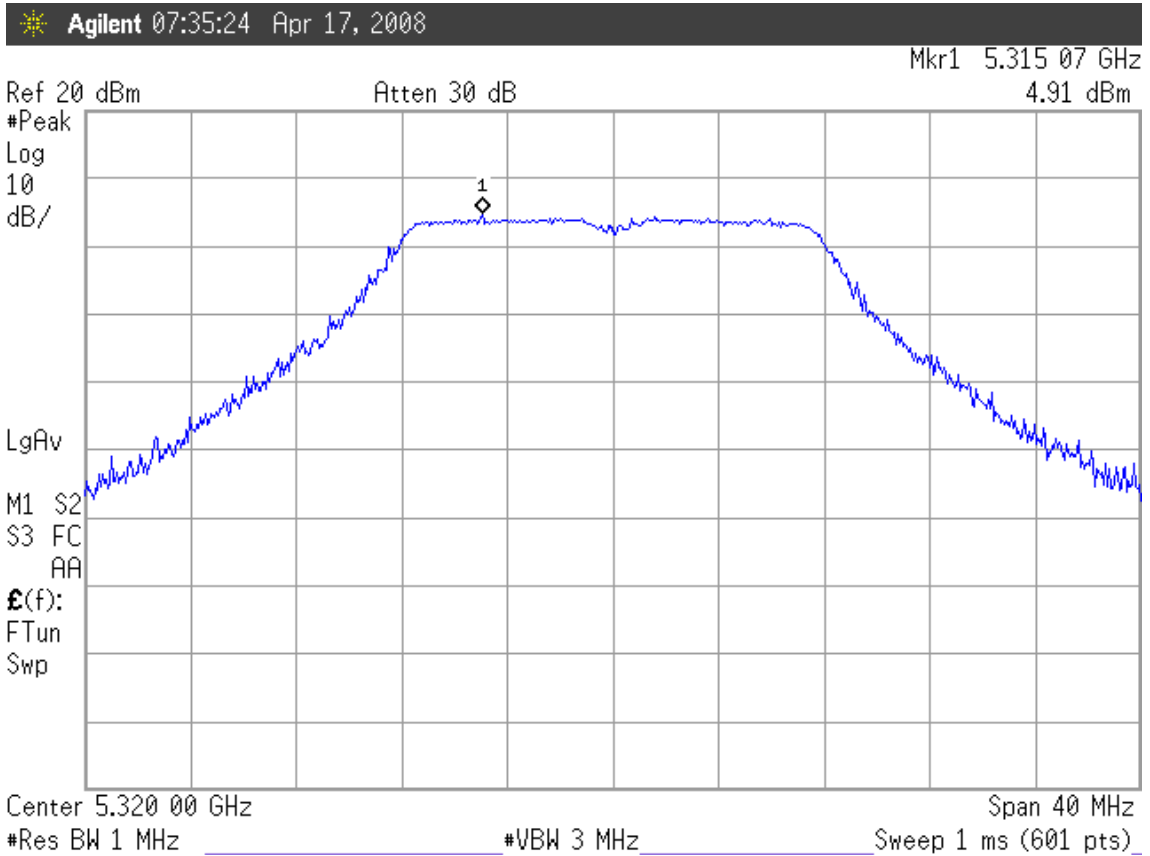
Frequency: 5260MHz



Frequency: 5280MHz



Frequency: 5320MHz



9. PEAK POWER EXCURSION MEASUREMENT

9.1. Test Equipment

The following test equipment was used during the power spectral density measurement:

Item	Type	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
1.	Spectrum Analyzer	Agilent	E4446A	US44300366	Aug. 13, 07'	Aug. 12, 08'

9.2. Block Diagram of Test Setup

The same as section.4.2.

9.3. Specification Limits (§15.407(a)-(6))

The ratio of the peak excursion of the modulation envelope (measured using a peak hold function) to the maximum conducted output power (measured as specified above) shall not exceed 13dB across any 1MHz bandwidth or the emission bandwidth whichever is less.

9.4. Operating Condition of EUT

The test program “ART_53B5_bin” was used to enable the EUT to transmit data at different channel frequency individually.

9.5. Test Procedure

Transmitter output was connected to the spectrum analyzer. Using peak detector and Max-hold function for Trace 1 (RBW=1MHz, VBW=3MHz) and Trace 2 (RBW=1MHz, VBW=300kHz).

9.6. Test Results

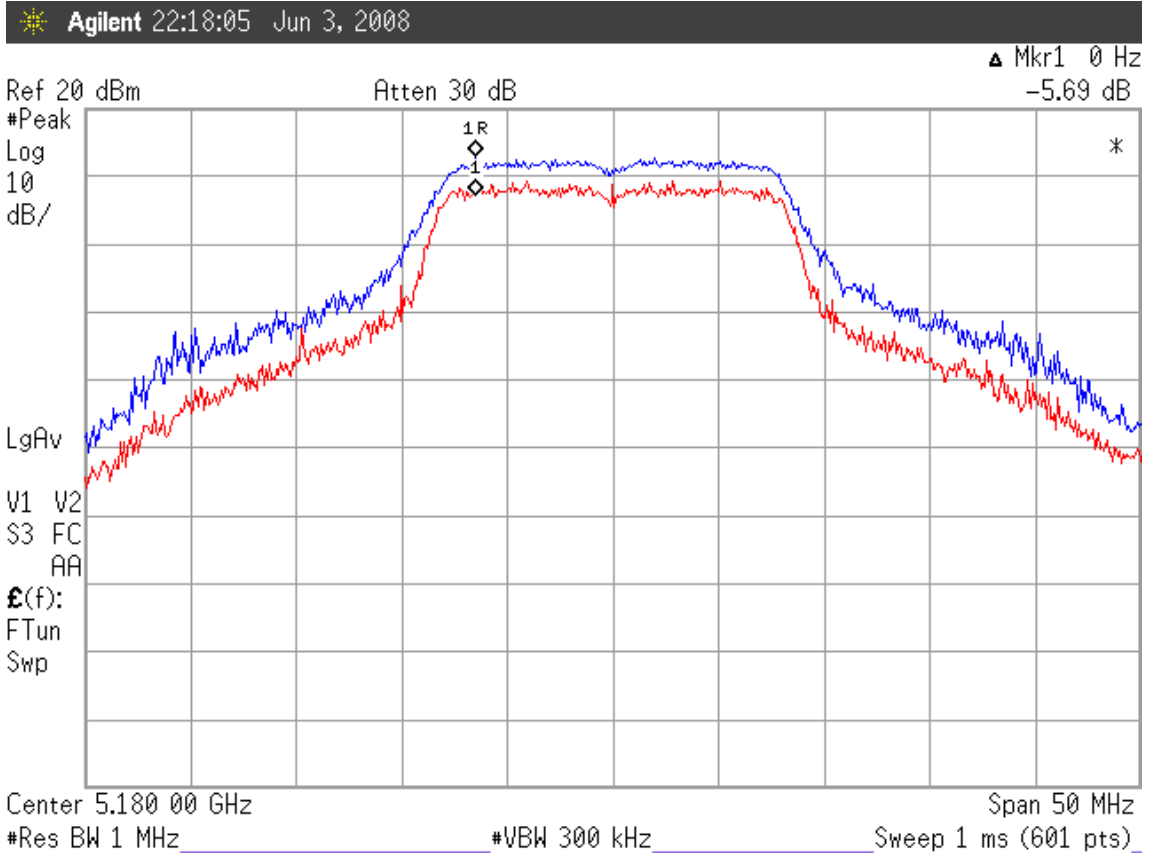
PASSED. All the test results are attached in next pages.

(Test Date : Jun. 03, 2008 Temperature : 25°C Humidity : 55 %)

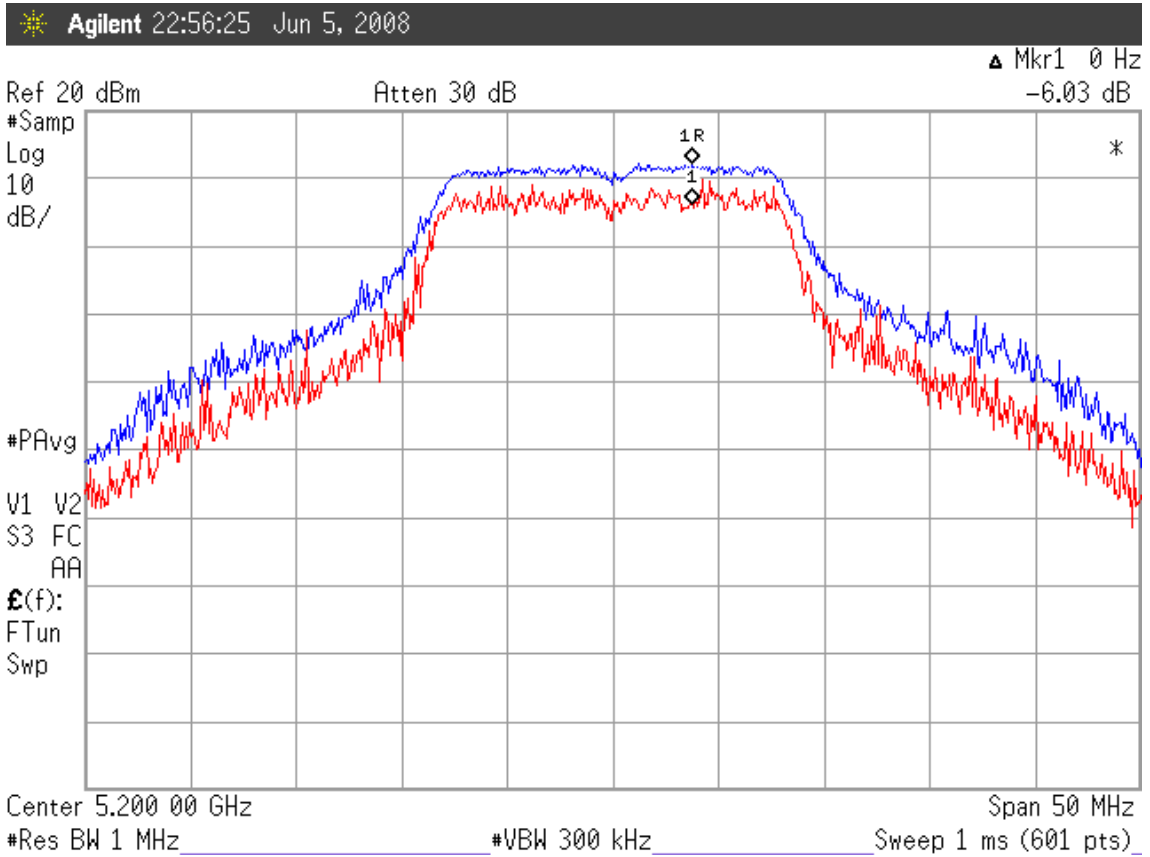
(Test Date : Jun. 05, 2008 Temperature : 26°C Humidity : 57 %)

Channel	Frequency	Peak Power Excursion	Limit
36	5180MHz	-5.69dB	13dB
40	5200MHz	-6.03dB	13dB
48	5240MHz	-5.62dB	13dB
52	5260MHz	-4.91dB	13dB
56	5280MHz	-5.24dB	13dB
64	5320MHz	-3.95dB	13dB

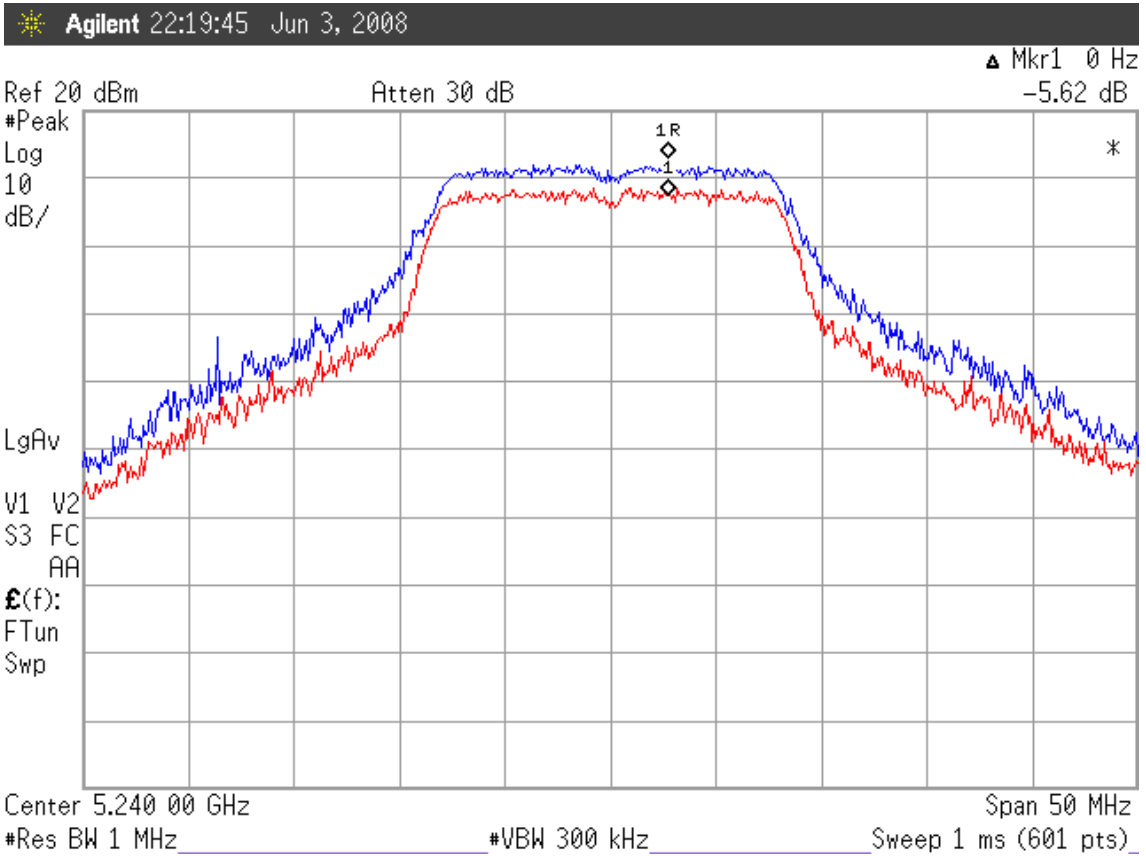
Frequency: 5180MHz



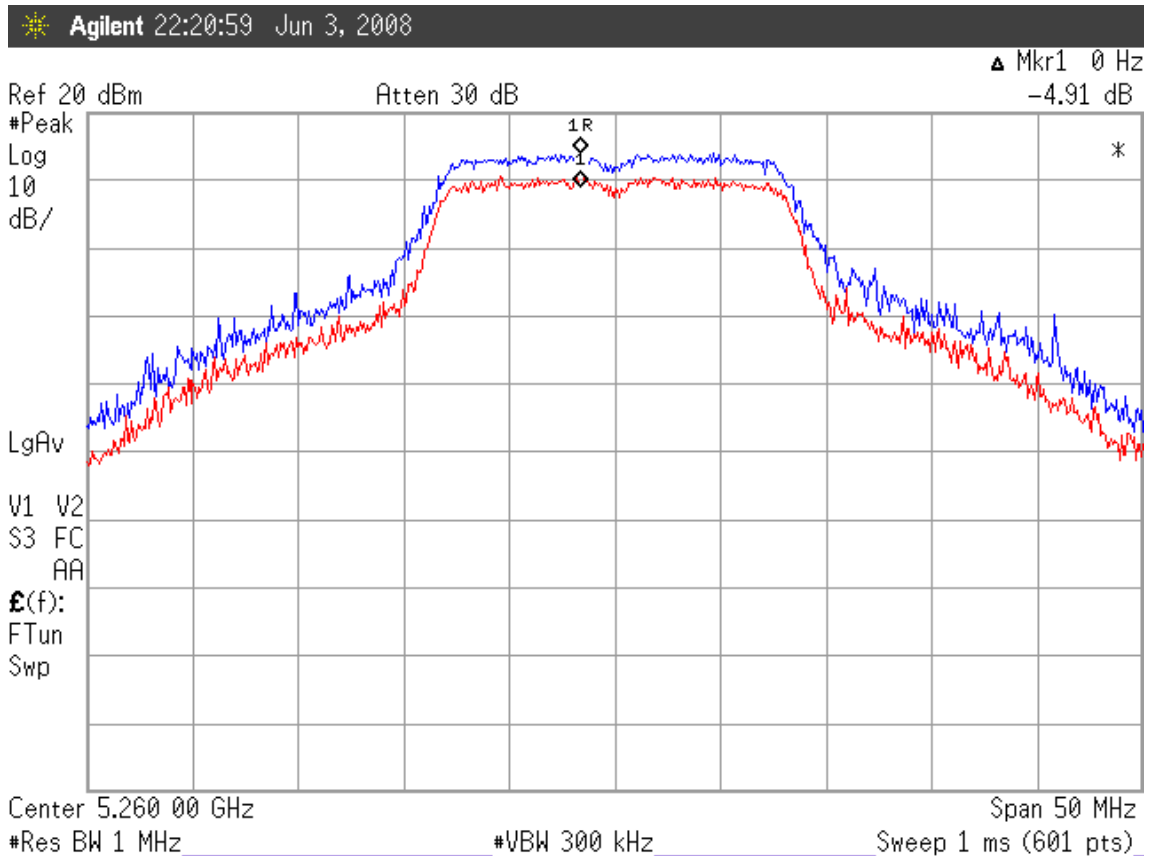
Frequency: 5200MHz



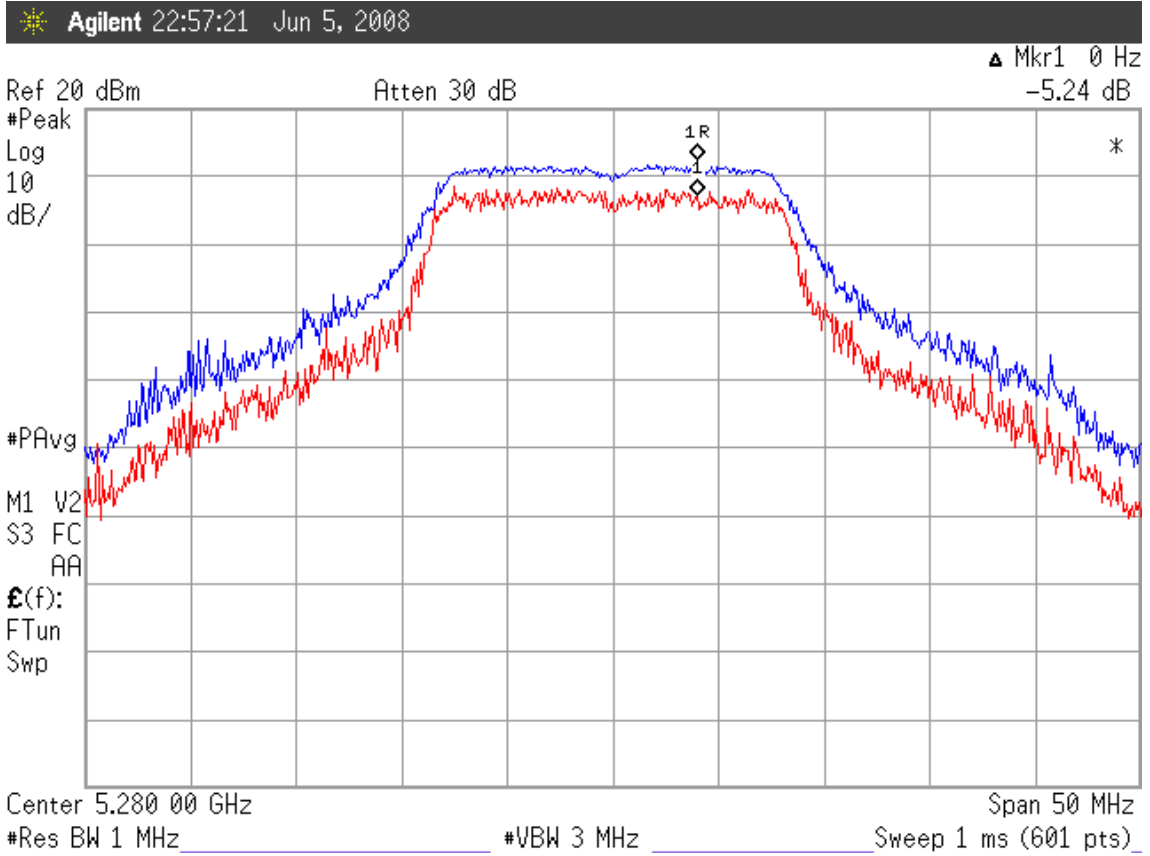
Frequency: 5240MHz



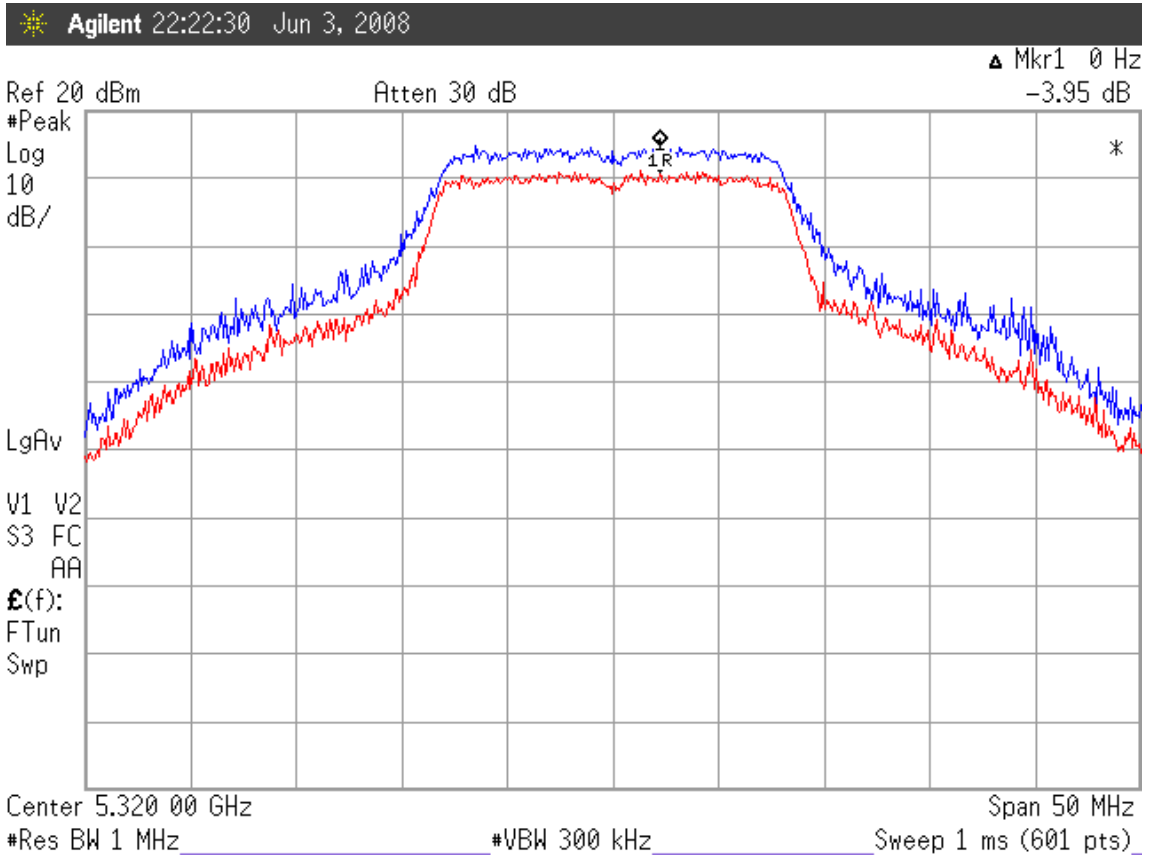
Frequency: 5260MHz



Frequency: 5280MHz



Frequency: 5320MHz



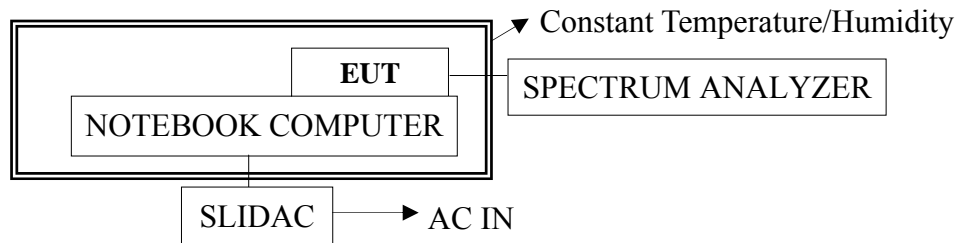
10.FREQUENCY STABILITY MEASUREMENT

10.1.Test Equipment

The following test equipment was used during the power spectral density measurement:

Item	Type	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
1.	Spectrum Analyzer	Agilent	E4446A	US44300366	Aug. 13, 07'	Aug. 12, 08'
2.	Constant Temperature/ Humidity	Taichy	MHG-120LF	920538	Jun. 07, 07'	Jun. 06, 08'
3.	SLIDAC	TAILI	TL-220	N/A	N/A	N/A

10.2.Block Diagram of Test Setup



EUT: EliteConnect™ Dualband Wireless Cardbus

10.3.Specification Limits (§15.407(g))

Manufactures of U-NII devices are responsible for ensuring frequency stability such that an emission is maintained within the and of operation under all conditions of normal operation as specified in the user’s manual. (Limit: ±0.02%)

10.4.Operating Condition of EUT

The test program “ART_53B5_bin” was used to enable the EUT to transmit data at different channel frequency individually.

10.5.Test Procedure

Set the EUT un-modulation mode and RBW=10kHz, VBW=10kHz.

10.6. Test Results

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

(Test Date : Jun. 03, 2008 Temperature : 25°C Humidity : 55 %)

Test Mode: 5180MHz 2minute

Test Condition		Frequency (MHz)	Frequency Error (ppm)
Temperature (°C)	Voltage (VAC)		
-20	126.5	5179.9948	-0.0001004
	110.0	5179.9951	-0.0000946
0	126.5	5179.9952	-0.0000927
	110.0	5179.9952	-0.0000927
25	120.0	5179.9950	-0.0000965
40	126.5	5179.9948	-0.0001004
	110.0	5179.9953	-0.0000907
Limit (ppm)		±0.02%	

Test Mode: 5180MHz 5mimute

Test Condition		Frequency (MHz)	Frequency Error (ppm)
Temperature (°C)	Voltage (VAC)		
-20	126.5	5180.0034	0.0000658
	110.0	5180.0034	0.0000658
0	126.5	5179.9982	-0.0000347
	110.0	5179.9983	-0.0000328
25	120.0	5179.9950	-0.0000965
40	126.5	5179.9952	-0.0000927
	110.0	5179.9953	-0.0000907
Limit (ppm)		±0.02%	

Test Mode: 5180MHz 10mimute

Test Condition		Frequency (MHz)	Frequency Error (ppm)
Temperature (°C)	Voltage (VAC)		
-20	126.5	5179.9960	-0.0000772
	110.0	5179.9962	-0.0000734
0	126.5	5180.0003	-0.0000058
	110.0	5180.0003	-0.0000058
25	120.0	5179.9965	-0.0000676
40	126.5	5179.9968	-0.0000618
	110.0	5179.9965	-0.0000676
Limit (ppm)		±0.02%	

11.DEVIATION TO TEST SPECIFICATIONS

【NONE】

12. PHOTOGRAPHS

12.1. Photos of Conducted Emission Measurement



FRONT VIEW OF CONDUCTED MEASUREMENT



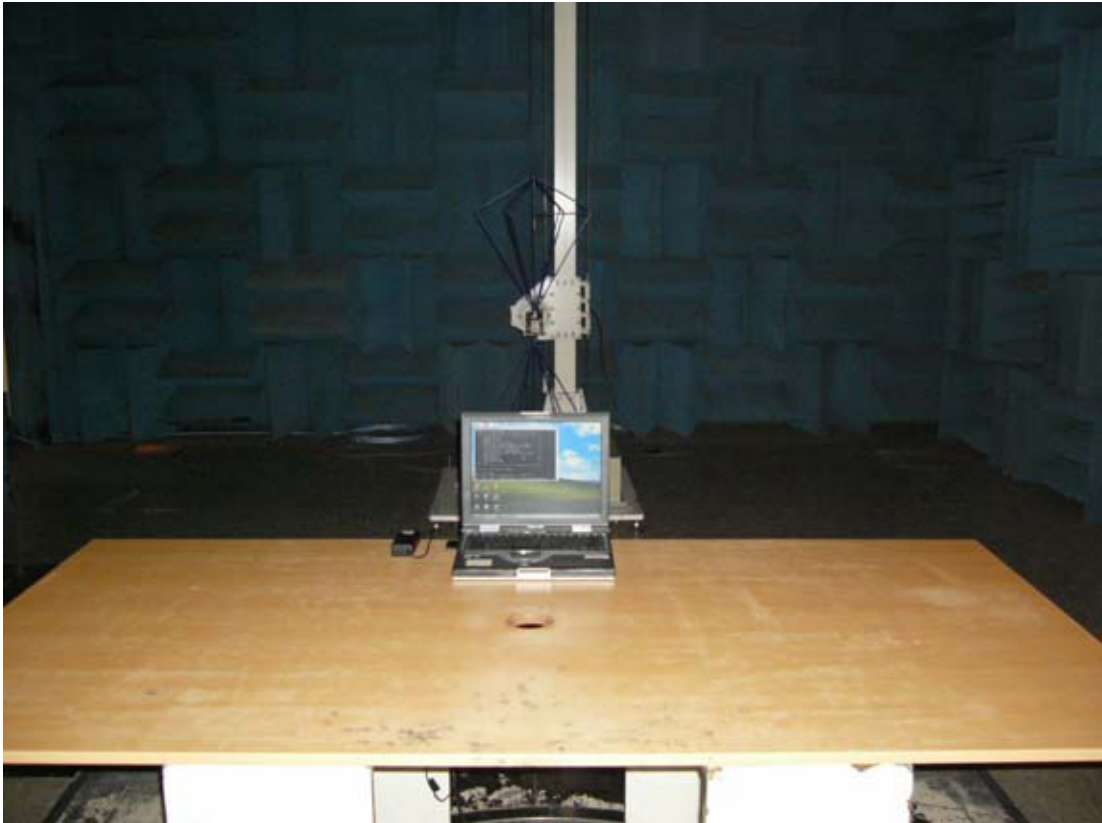
BACK VIEW OF CONDUCTED MEASUREMENT



VIEW OF DUAL-BAND WIRELESS-N GIGABIT ROUTER AND PARTNER NOTEBOOK

12.2.Photos of Radiated Measurement at Semi-Anechoic Chamber

12.2.1. Frequency Range 30MHz~1GHz



FRONT VIEW OF RADIATED MEASUREMENT



BACK VIEW OF RADIATED MEASUREMENT

12.2.2. Frequency Above 1GHz



FRONT VIEW OF RADIATED MEASUREMENT



BACK VIEW OF RADIATED MEASUREMENT

12.3.Photo of Bandwidth Measurement



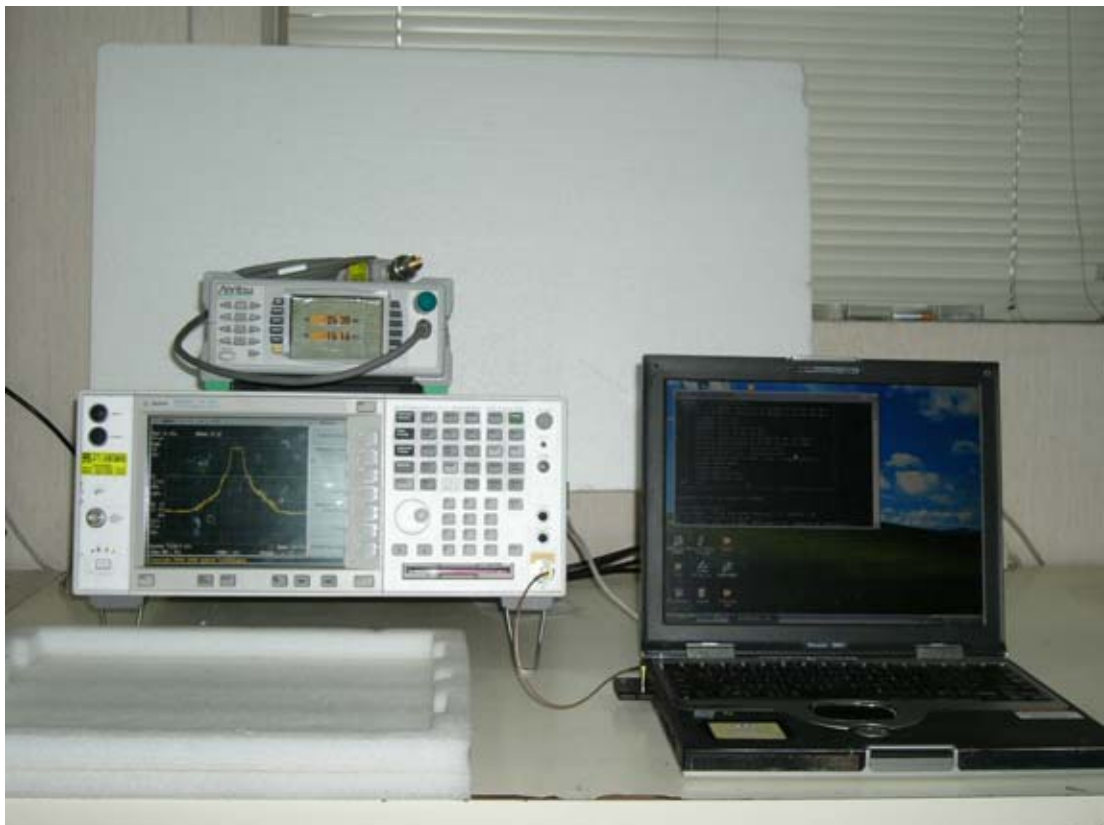
12.4.Photo of Maximum Peak Output Measurement



12.5. Photo of Emission Limitations Measurement



12.6. Photo of Band Edges Measurement



12.7. Photo of Power Spectral Density Measurement



12.8. Photo of Peak Power Excursion Measurement



12.9. Photo of Frequency Stability Measurement



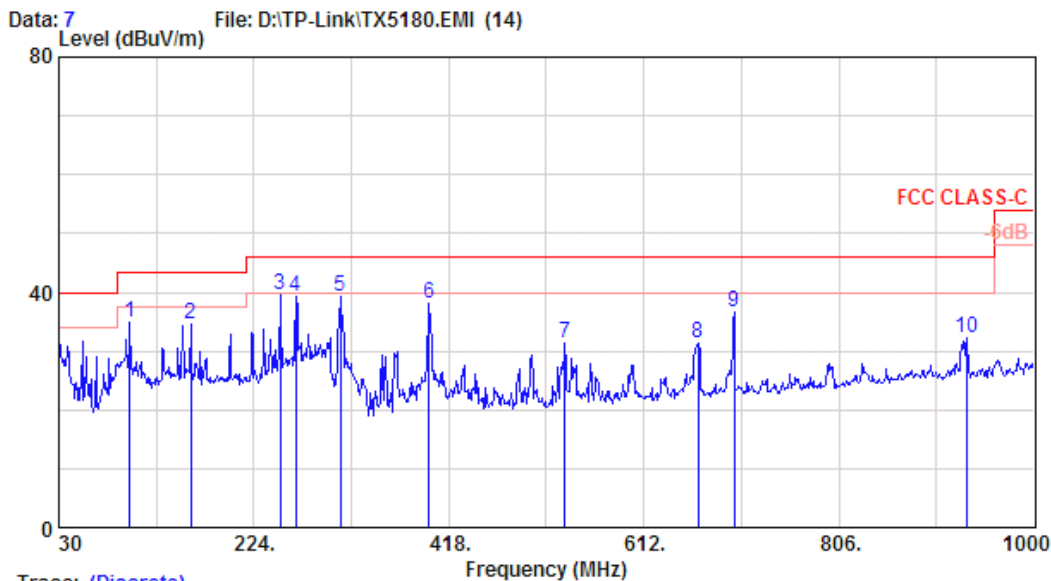
APPENDIX I

(Radiated Test Data for frequency rang above
1GHz at Semi-Anechoic Chamber)

Total Pages: 52 Pages

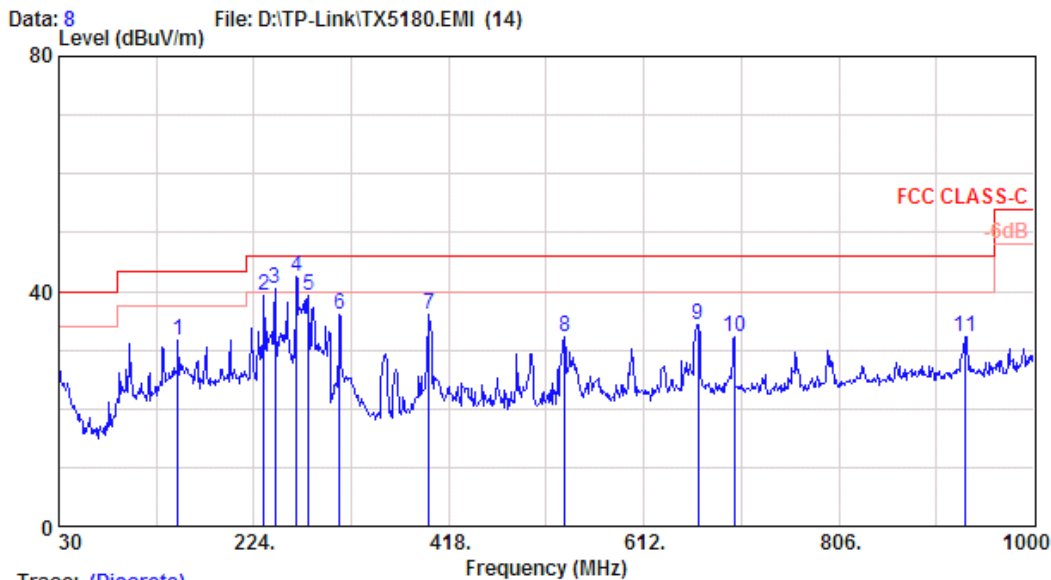


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 Email:ttmc@ttmc.



Trace: (Discrete)

Site no. : A/C Chamber	Data no. : 7
Dis. / Ant. : 3m VBA6106A/UHALP9108A	Ant. pol. : HORIZONTAL
Limit : FCC CLASS-C	
Env. / Ins. : E7405A 26°C/49%	Engineer : Jarwei Wang
EUT : Wireless Cardbus Adapter	
Power Rating : 120Vac/60Hz M/N:SMC2536W-AG2	
Test Mode : TX5180MHz	

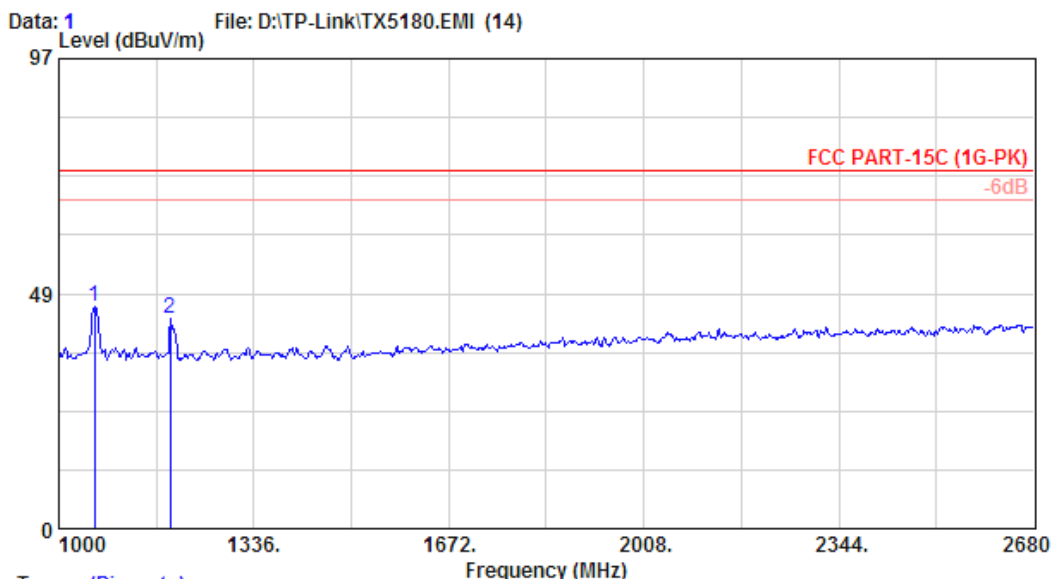


Trace: (Discrete)

Site no. : A/C Chamber	Data no. : 8
Dis. / Ant. : 3m VBA6106A/UHALP9108A	Ant. pol. : VERTICAL
Limit : FCC CLASS-C	
Env. / Ins. : E7405A 26°C/49%	Engineer : Jarwei Wang
EUT : Wireless Cardbus Adapter	
Power Rating : 120Vac/60Hz M/N:SMC2536W-AG2	
Test Mode : TX5180MHz	

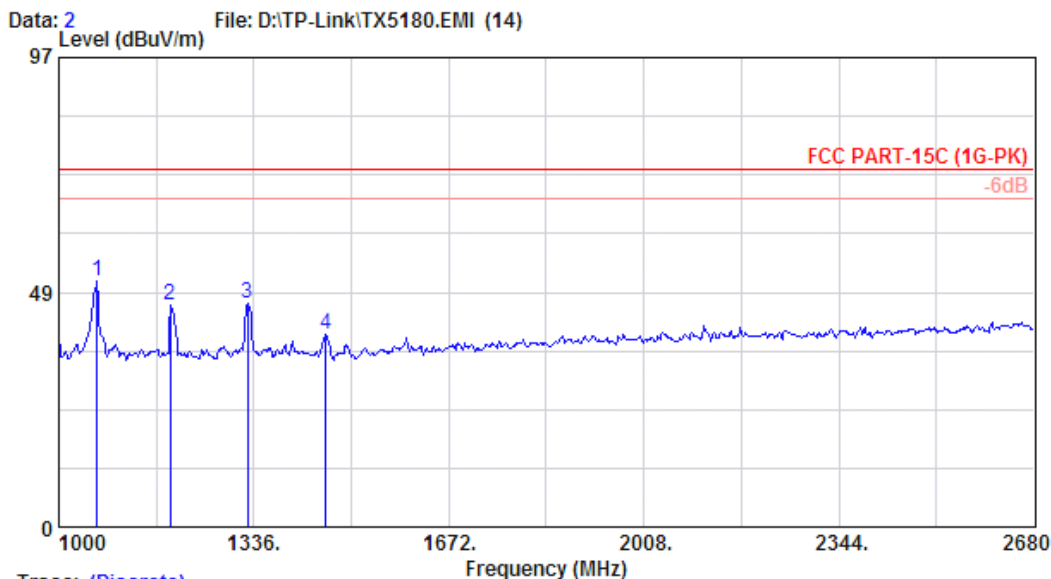


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Trace: (Discrete)

Site no.	: A/C Chamber	Data no.	: 1
Dis. / Ant.	: 3m 3115	Ant. pol.	: HORIZONTAL
Limit	: FCC PART-15C (1G-PK)		
Env. / Ins.	: E7405A 26°C/49%	Engineer	: Jarwei Wang
EUT	: Wireless Cardbus Adapter		
Power Rating	: 120Vac/60Hz M/N:SMC2536W-AG2		
Test Mode	: TX5180MHz		

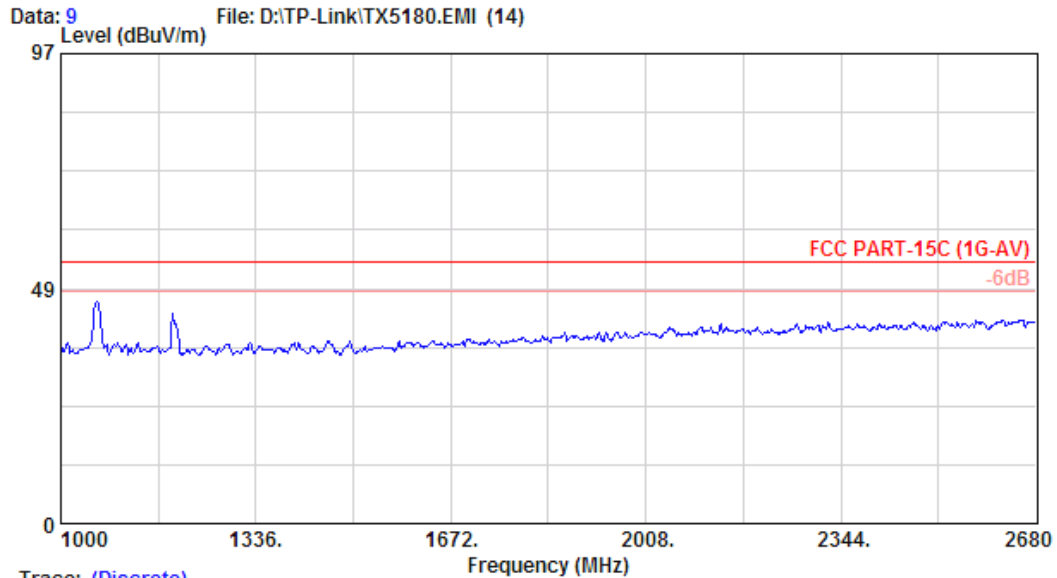


Trace: (Discrete)

Site no.	: A/C Chamber	Data no.	: 2
Dis. / Ant.	: 3m 3115	Ant. pol.	: VERTICAL
Limit	: FCC PART-15C (1G-PK)		
Env. / Ins.	: E7405A 26°C/49%	Engineer	: Jarwei Wang
EUT	: Wireless Cardbus Adapter		
Power Rating	: 120Vac/60Hz M/N:SMC2536W-AG2		
Test Mode	: TX5180MHz		

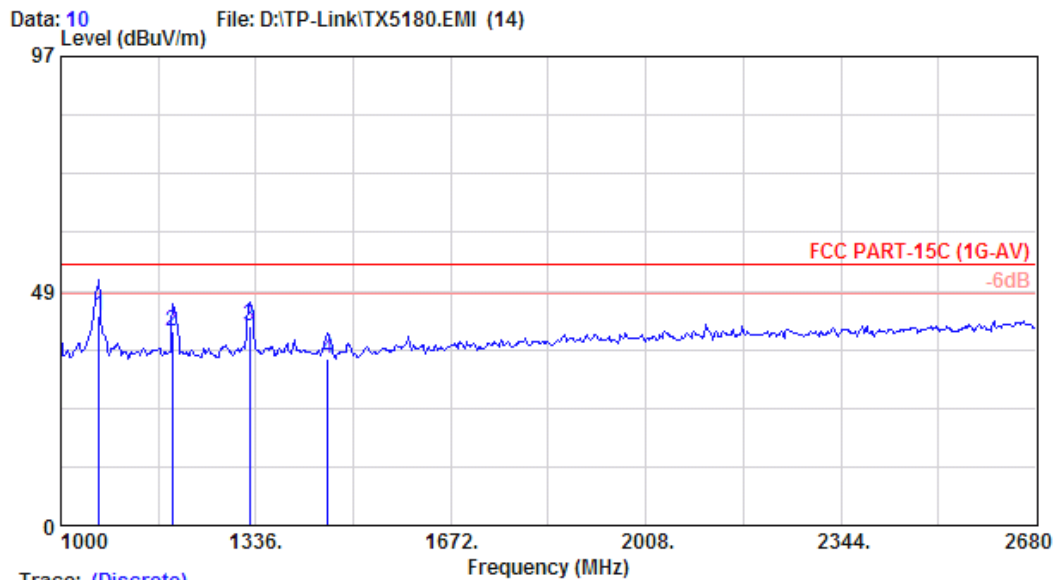


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Trace: (Discrete)

Site no. : A/C Chamber	Data no. : 9
Dis. / Ant. : 3m 3115	Ant. pol. : HORIZONTAL
Limit : FCC PART-15C (1G-AV)	
Env. / Ins. : E7405A 26°C/49%	Engineer : Jarwei Wang
EUT : Wireless Cardbus Adapter	
Power Rating : 120Vac/60Hz M/N:SMC2536W-AG2	
Test Mode : TX5180MHz	

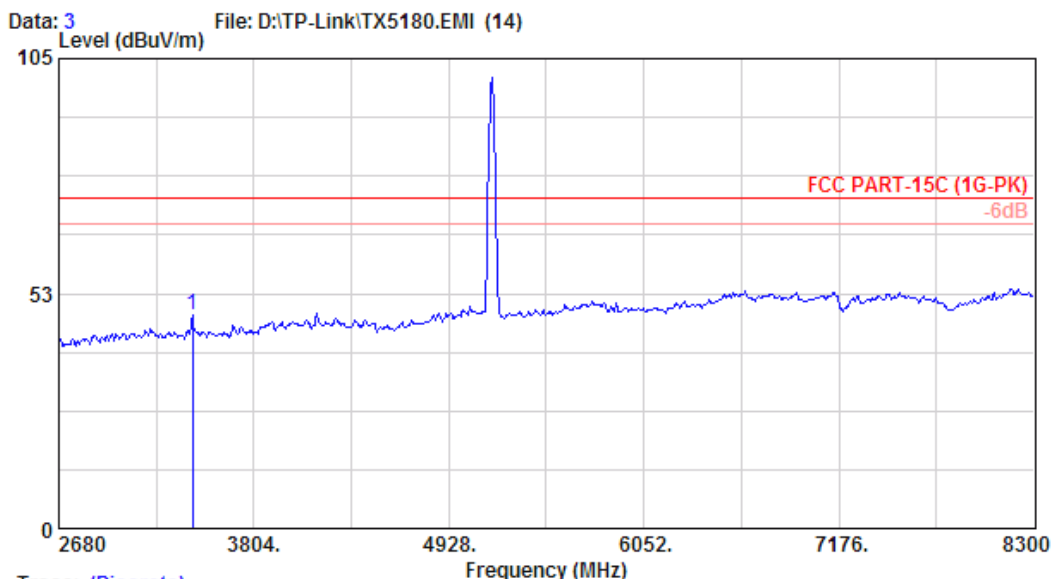


Trace: (Discrete)

Site no. : A/C Chamber	Data no. : 10
Dis. / Ant. : 3m 3115	Ant. pol. : VERTICAL
Limit : FCC PART-15C (1G-AV)	
Env. / Ins. : E7405A 26°C/49%	Engineer : Jarwei Wang
EUT : Wireless Cardbus Adapter	
Power Rating : 120Vac/60Hz M/N:SMC2536W-AG2	
Test Mode : TX5180MHz	

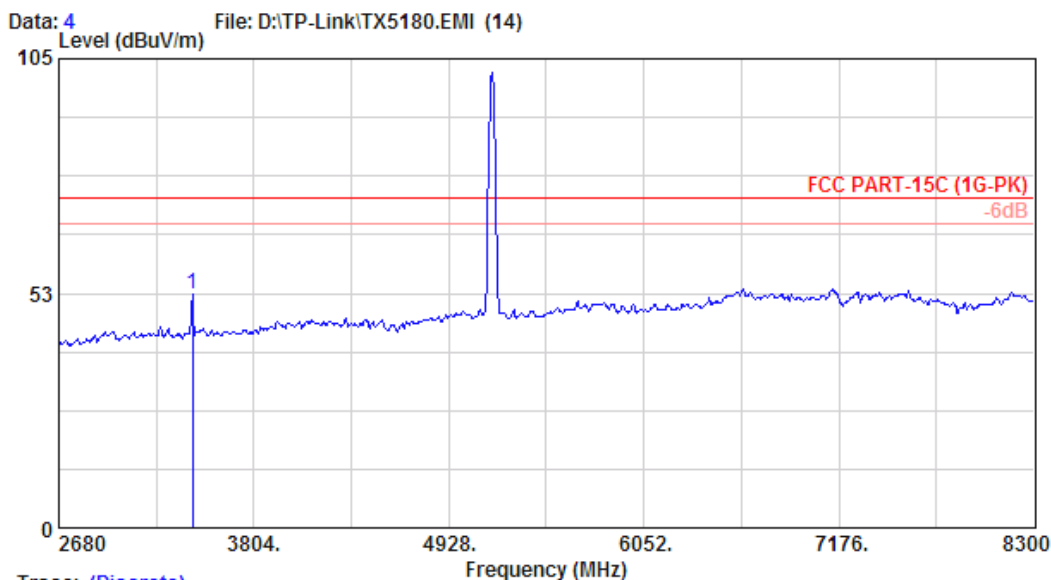


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Trace: (Discrete)

Site no. : A/C Chamber	Data no. : 3
Dis. / Ant. : 3m 3115	Ant. pol. : HORIZONTAL
Limit : FCC PART-15C (1G-PK)	
Env. / Ins. : E7405A 26°C/49%	Engineer : Jarwei Wang
EUT : Wireless Cardbus Adapter	
Power Rating : 120Vac/60Hz M/N:SMC2536W-AG2	
Test Mode : TX5180MHz	

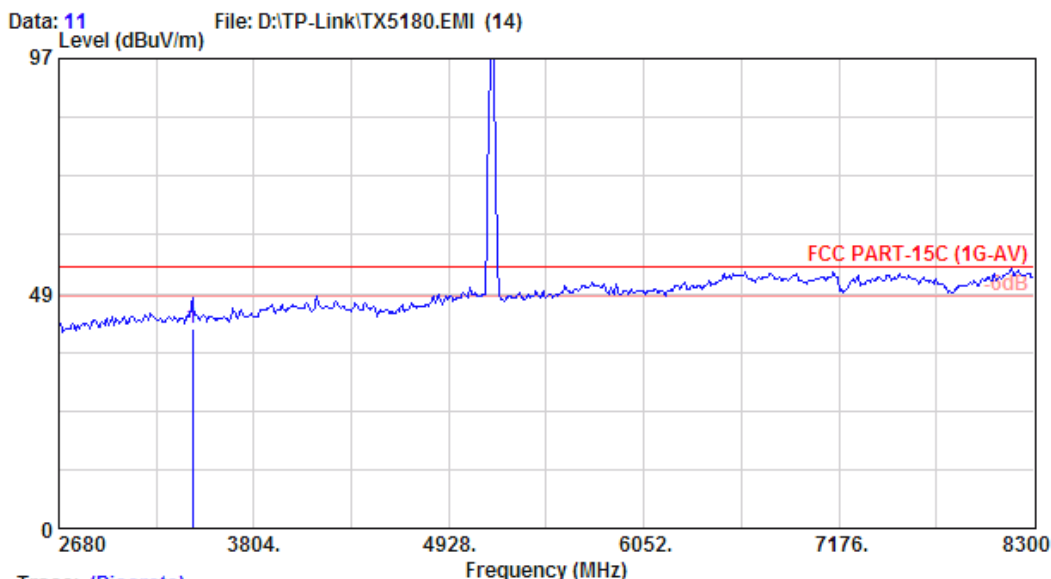


Trace: (Discrete)

Site no. : A/C Chamber	Data no. : 4
Dis. / Ant. : 3m 3115	Ant. pol. : VERTICAL
Limit : FCC PART-15C (1G-PK)	
Env. / Ins. : E7405A 26°C/49%	Engineer : Jarwei Wang
EUT : Wireless Cardbus Adapter	
Power Rating : 120Vac/60Hz M/N:SMC2536W-AG2	
Test Mode : TX5180MHz	

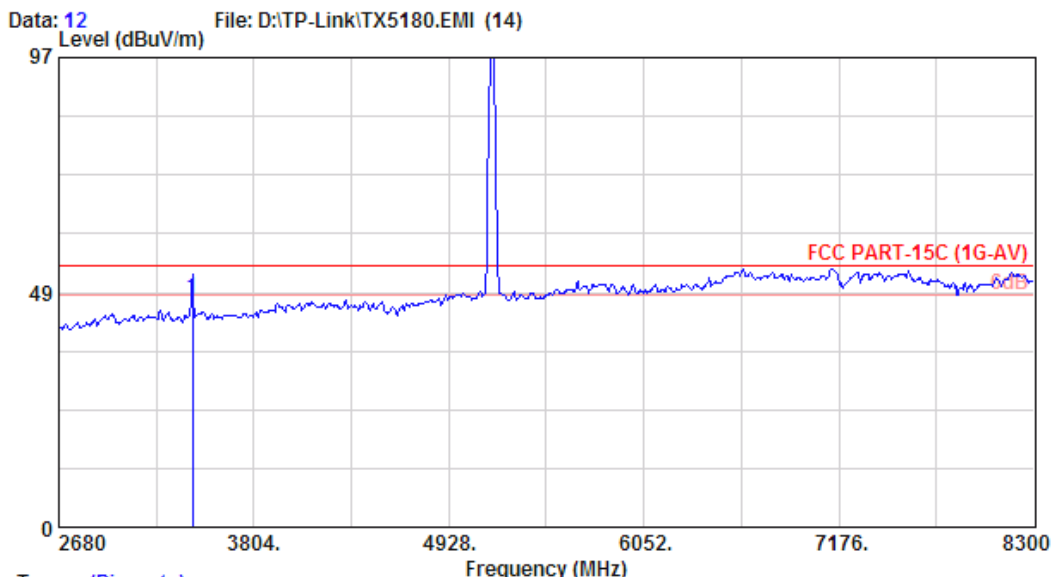


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Trace: (Discrete)

Site no.	: A/C Chamber	Data no.	: 11
Dis. / Ant.	: 3m 3115	Ant. pol.	: HORIZONTAL
Limit	: FCC PART-15C (1G-AV)		
Env. / Ins.	: E7405A 26°C/49%	Engineer	: Jarwei Wang
EUT	: Wireless Cardbus Adapter		
Power Rating	: 120Vac/60Hz M/N:SMC2536W-AG2		
Test Mode	: TX5180MHz		

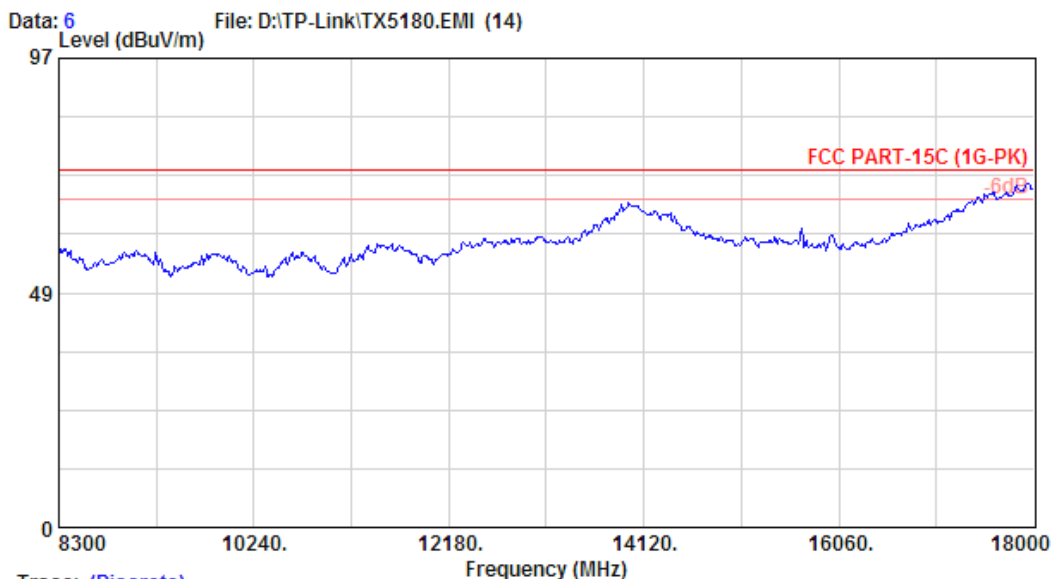


Trace: (Discrete)

Site no.	: A/C Chamber	Data no.	: 12
Dis. / Ant.	: 3m 3115	Ant. pol.	: VERTICAL
Limit	: FCC PART-15C (1G-AV)		
Env. / Ins.	: E7405A 26°C/49%	Engineer	: Jarwei Wang
EUT	: Wireless Cardbus Adapter		
Power Rating	: 120Vac/60Hz M/N:SMC2536W-AG2		
Test Mode	: TX5180MHz		

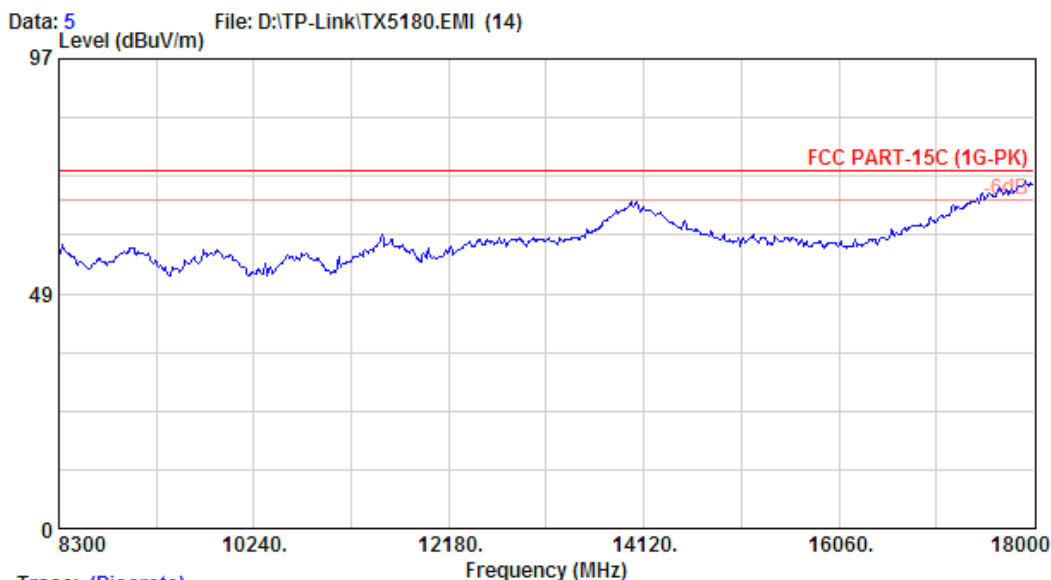


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Trace: (Discrete)

Site no. : A/C Chamber	Data no. : 6
Dis. / Ant. : 3m 3115	Ant. pol. : HORIZONTAL
Limit : FCC PART-15C (1G-PK)	
Env. / Ins. : E7405A 26°C/49%	Engineer : Jarwei Wang
EUT : Wireless Cardbus Adapter	
Power Rating : 120Vac/60Hz M/N:SMC2536W-AG2	
Test Mode : TX5180MHz	

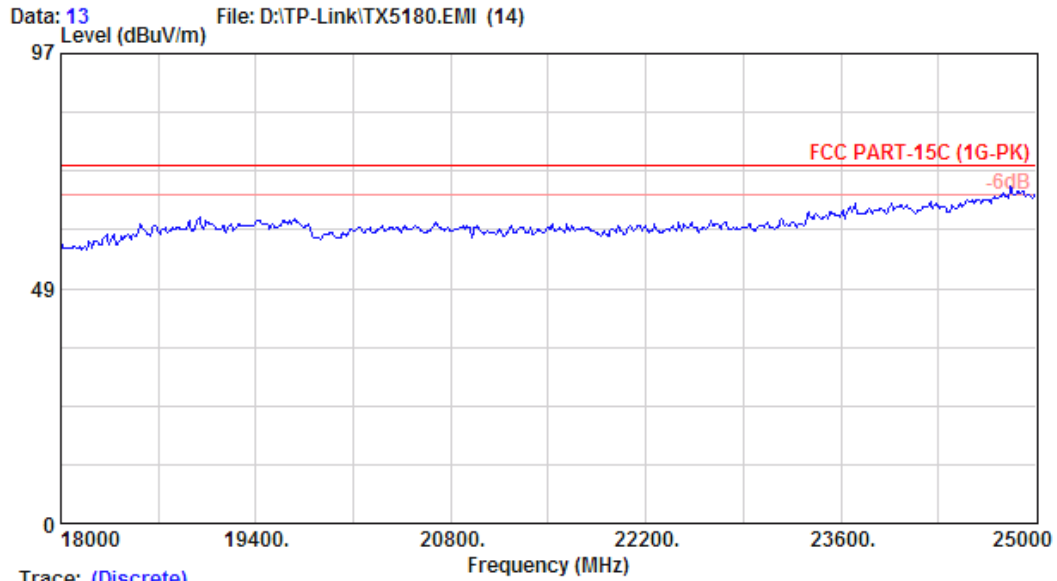


Trace: (Discrete)

Site no. : A/C Chamber	Data no. : 5
Dis. / Ant. : 3m 3115	Ant. pol. : VERTICAL
Limit : FCC PART-15C (1G-PK)	
Env. / Ins. : E7405A 26°C/49%	Engineer : Jarwei Wang
EUT : Wireless Cardbus Adapter	
Power Rating : 120Vac/60Hz M/N:SMC2536W-AG2	
Test Mode : TX5180MHz	

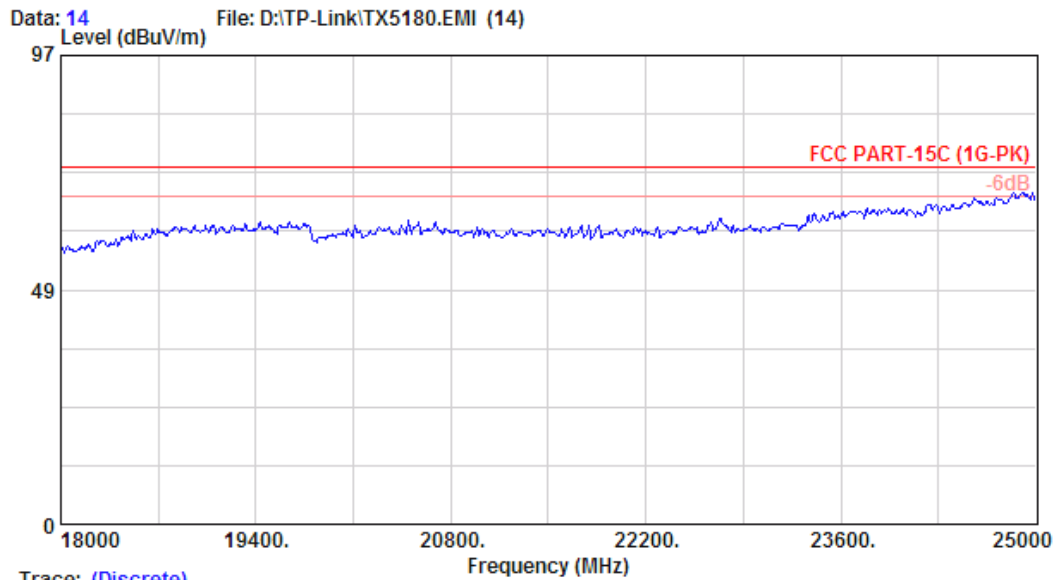


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 Email:ttemc@ttemc.



Trace: (Discrete)

Site no. : site	Data no. : 13
Dis. / Ant. : 3m 3116	Ant. pol. : HORIZONTAL
Limit : FCC PART-15C (1G-PK)	
Env. / Ins. : E7405A 26*C/49%	Engineer : Jarwei Wang
EUT : Wireless Cardbus Adapter	
Power Rating : 120Vac/60Hz M/N:SMC2536W-AG2	
Test Mode : TX5180MHz	

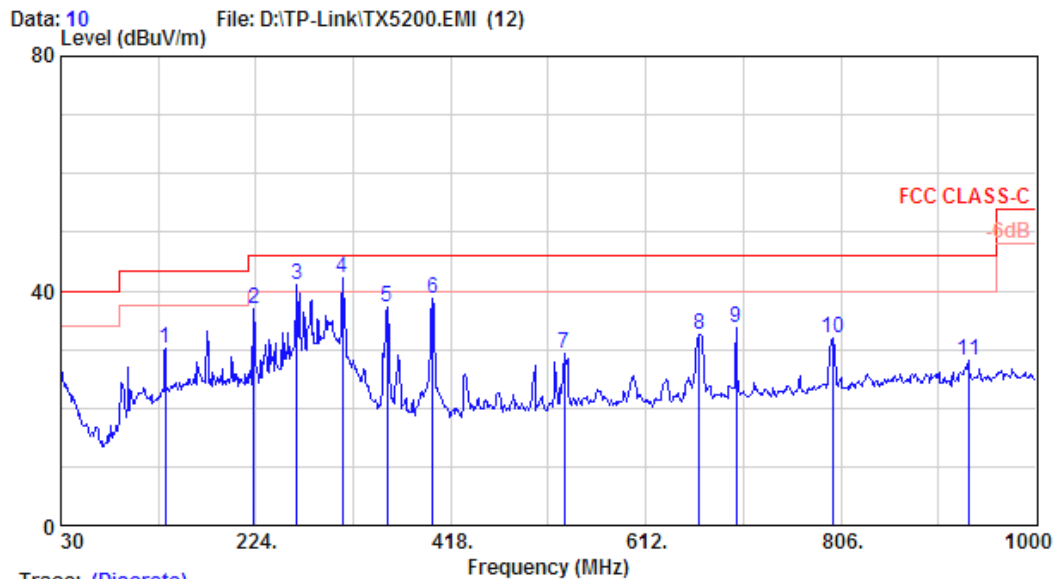


Trace: (Discrete)

Site no. : site	Data no. : 14
Dis. / Ant. : 3m 3116	Ant. pol. : VERTICAL
Limit : FCC PART-15C (1G-PK)	
Env. / Ins. : E7405A 26*C/49%	Engineer : Jarwei Wang
EUT : Wireless Cardbus Adapter	
Power Rating : 120Vac/60Hz M/N:SMC2536W-AG2	
Test Mode : TX5180MHz	

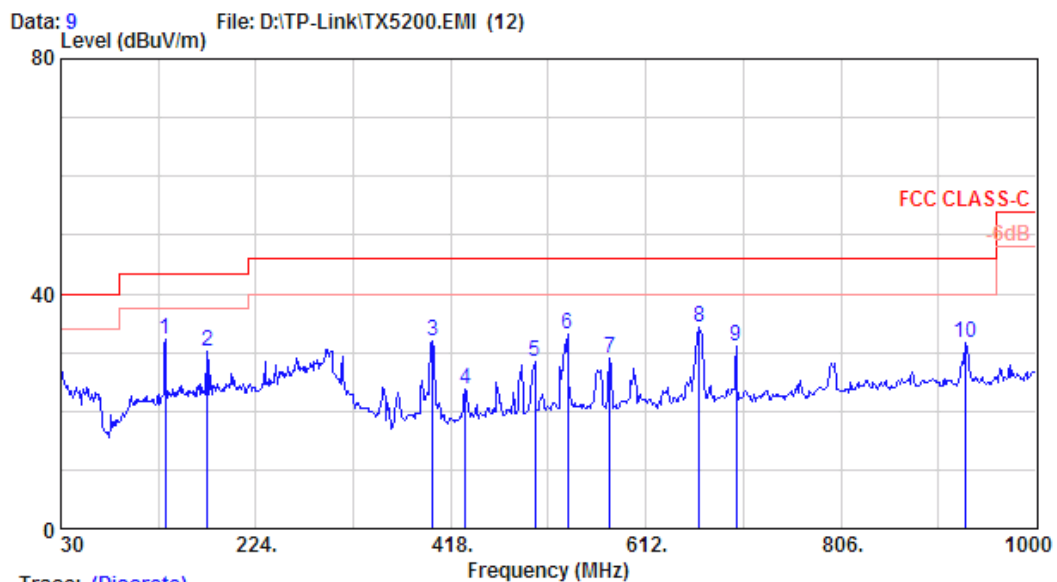


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 Email:ttemc@ttemc.



Trace: (Discrete)

Site no. : A/C Chamber	Data no. : 10
Dis. / Ant. : 3m VBA6106A/UHALP9108A	Ant. pol. : HORIZONTAL
Limit : FCC CLASS-C	
Env. / Ins. : E7405A 26°C/49%	Engineer : Jarwei Wang
EUT : Wireless Cardbus Adapter	
Power Rating : 120Vac/60Hz M/N:SMC2536W-AG2	
Test Mode : TX5200	

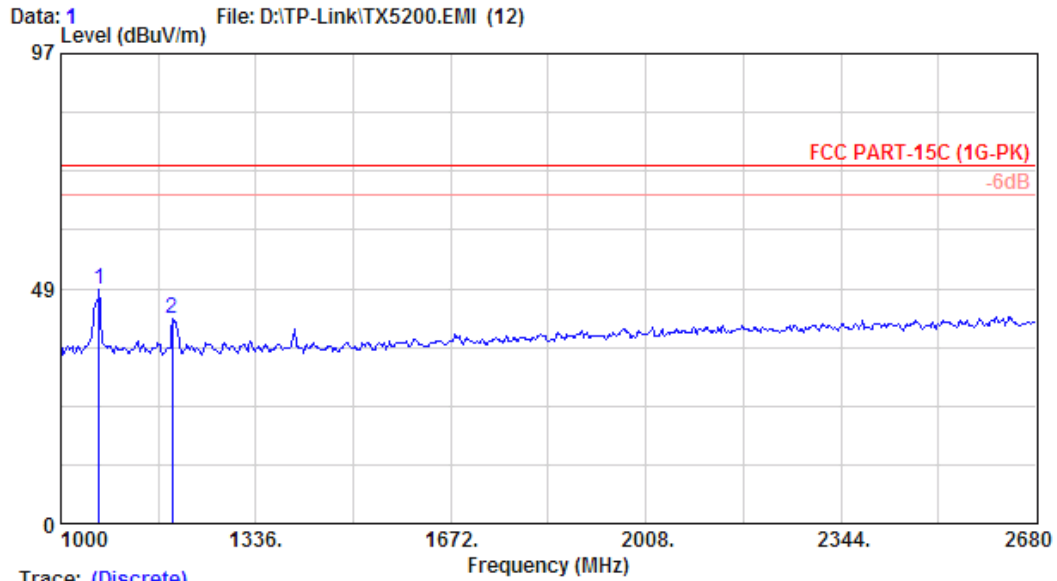


Trace: (Discrete)

Site no. : A/C Chamber	Data no. : 9
Dis. / Ant. : 3m VBA6106A/UHALP9108A	Ant. pol. : VERTICAL
Limit : FCC CLASS-C	
Env. / Ins. : E7405A 26°C/49%	Engineer : Jarwei Wang
EUT : Wireless Cardbus Adapter	
Power Rating : 120Vac/60Hz M/N:SMC2536W-AG2	
Test Mode : TX5200	

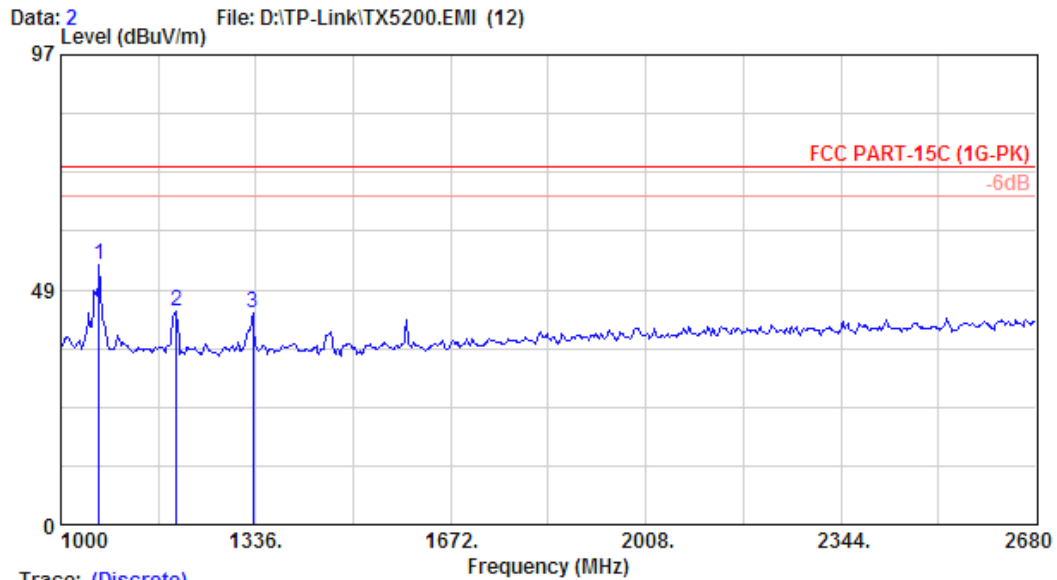


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 Email:ttemc@ttemc.



Trace: (Discrete)

Site no. : A/C Chamber	Data no. : 1
Dis. / Ant. : 3m 3115	Ant. pol. : HORIZONTAL
Limit : FCC PART-15C (1G-PK)	
Env. / Ins. : E7405A 26°C/49%	Engineer : Jarwei Wang
EUT : Wireless Cardbus Adapter	
Power Rating : 120Vac/60Hz M/N:SMC2536W-AG2	
Test Mode : TX5200	



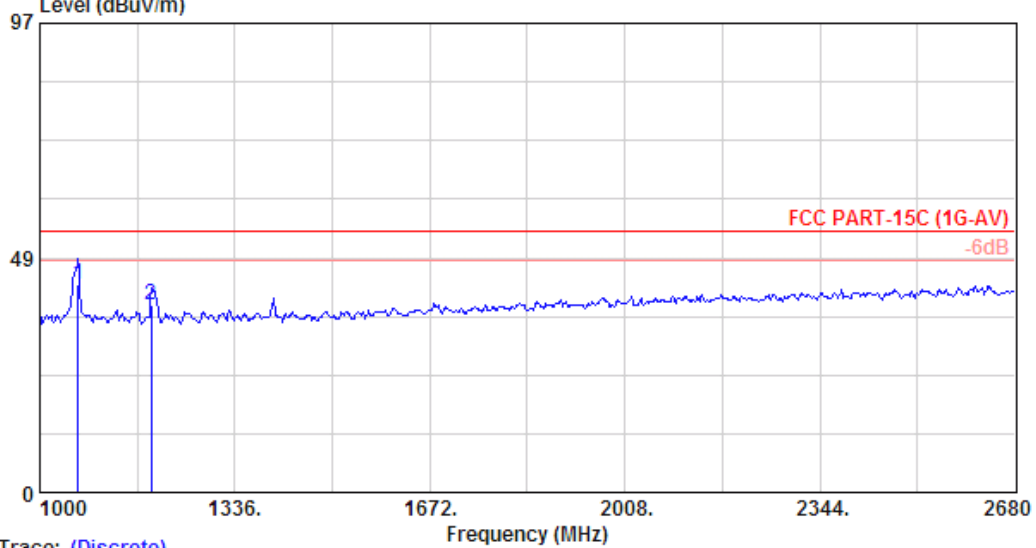
Trace: (Discrete)

Site no. : A/C Chamber	Data no. : 2
Dis. / Ant. : 3m 3115	Ant. pol. : VERTICAL
Limit : FCC PART-15C (1G-PK)	
Env. / Ins. : E7405A 26°C/49%	Engineer : Jarwei Wang
EUT : Wireless Cardbus Adapter	
Power Rating : 120Vac/60Hz M/N:SMC2536W-AG2	
Test Mode : TX5200	



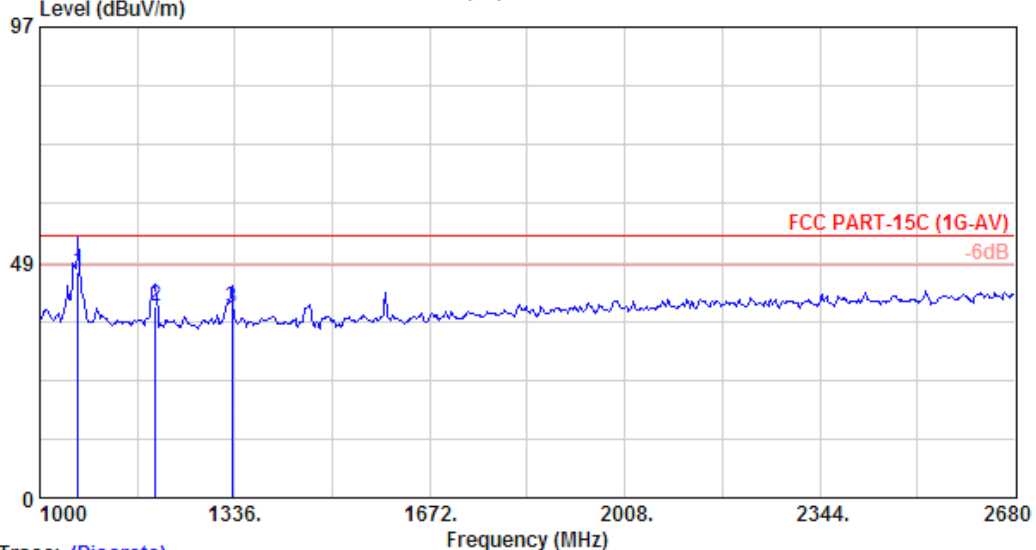
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Data: 11 File: D:\TP-Link\TX5200.EMI (12)



Trace: (Discrete)
 Site no. : A/C Chamber Data no. : 11
 Dis. / Ant. : 3m 3115 Ant. pol. : HORIZONTAL
 Limit : FCC PART-15C (1G-AV)
 Env. / Ins. : E7405A 26°C/49% Engineer : Jarwei Wang
 EUT : Wireless Cardbus Adapter
 Power Rating : 120Vac/60Hz M/N:SMC2536W-AG2
 Test Mode : TX5200

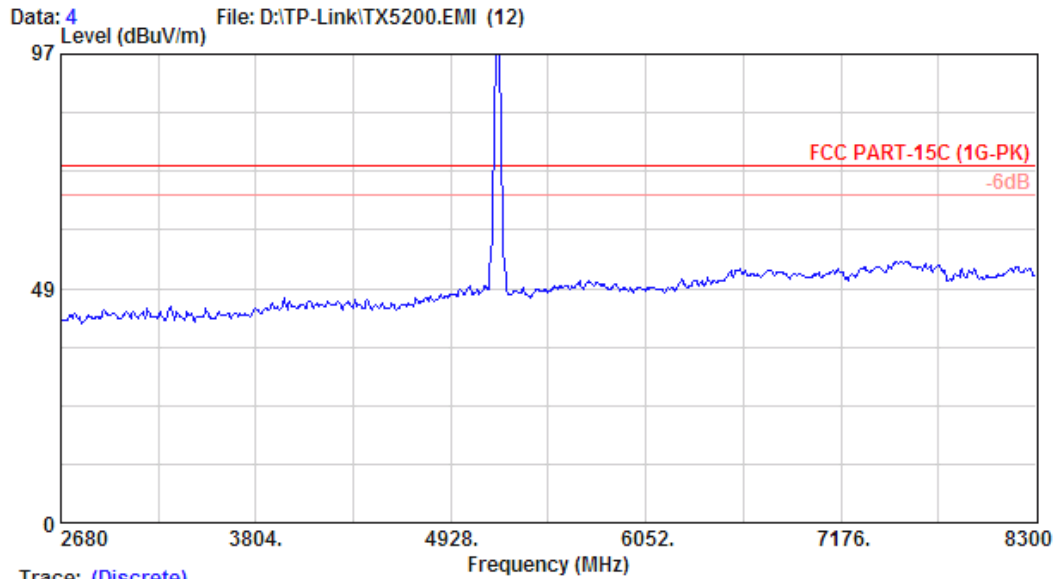
Data: 12 File: D:\TP-Link\TX5200.EMI (12)



Trace: (Discrete)
 Site no. : A/C Chamber Data no. : 12
 Dis. / Ant. : 3m 3115 Ant. pol. : VERTICAL
 Limit : FCC PART-15C (1G-AV)
 Env. / Ins. : E7405A 26°C/49% Engineer : Jarwei Wang
 EUT : Wireless Cardbus Adapter
 Power Rating : 120Vac/60Hz M/N:SMC2536W-AG2
 Test Mode : TX5200

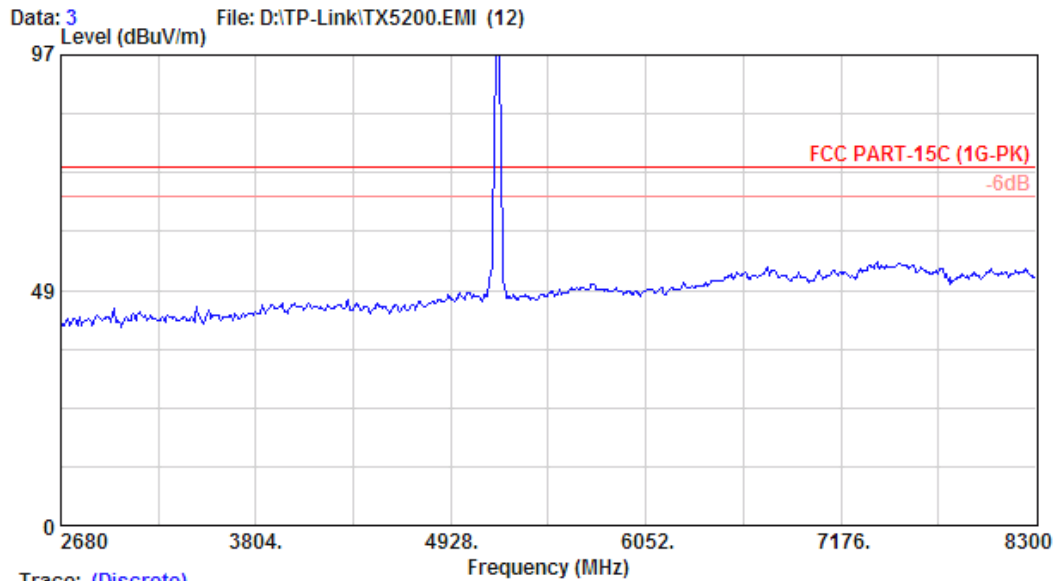


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Trace: (Discrete)

Site no. : A/C Chamber	Data no. : 4
Dis. / Ant. : 3m 3115	Ant. pol. : HORIZONTAL
Limit : FCC PART-15C (1G-PK)	
Env. / Ins. : E7405A 26°C/49%	Engineer : Jarwei Wang
EUT : Wireless Cardbus Adapter	
Power Rating : 120Vac/60Hz M/N:SMC2536W-AG2	
Test Mode : TX5200	

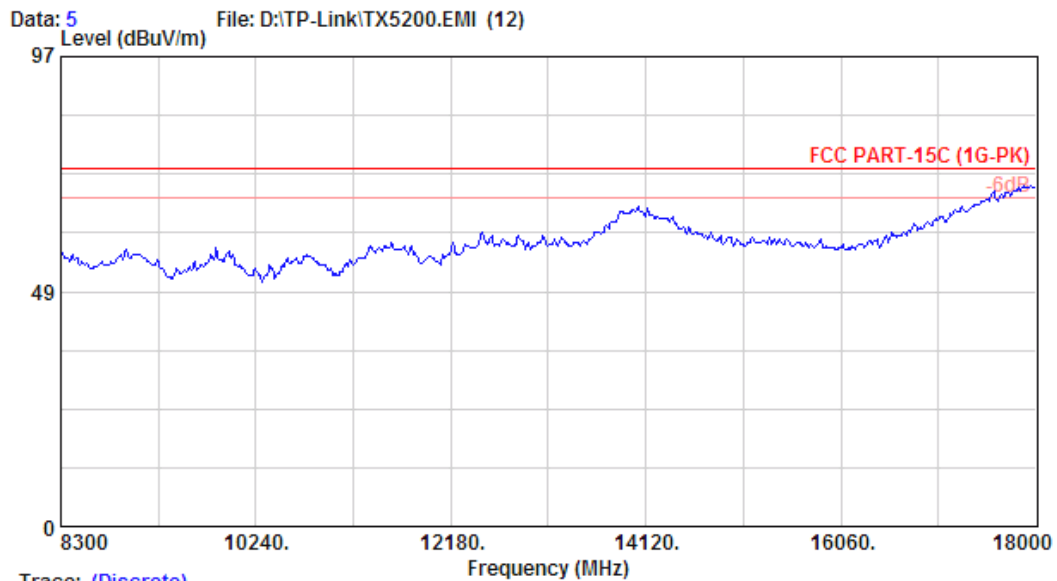


Trace: (Discrete)

Site no. : A/C Chamber	Data no. : 3
Dis. / Ant. : 3m 3115	Ant. pol. : VERTICAL
Limit : FCC PART-15C (1G-PK)	
Env. / Ins. : E7405A 26°C/49%	Engineer : Jarwei Wang
EUT : Wireless Cardbus Adapter	
Power Rating : 120Vac/60Hz M/N:SMC2536W-AG2	
Test Mode : TX5200	

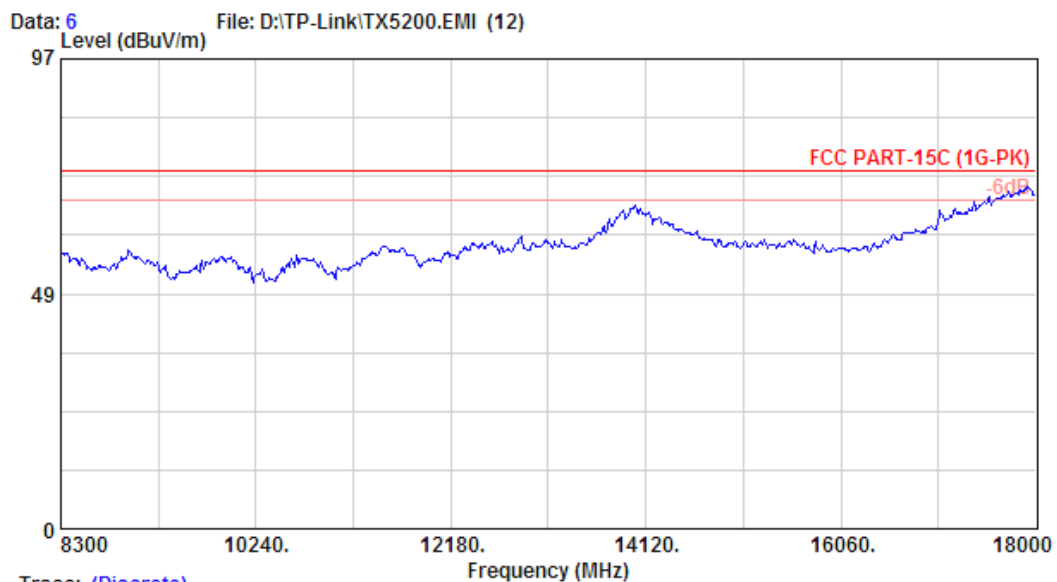


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Trace: (Discrete)

Site no. : A/C Chamber	Data no. : 5
Dis. / Ant. : 3m 3115	Ant. pol. : HORIZONTAL
Limit : FCC PART-15C (1G-PK)	
Env. / Ins. : E7405A 26°C/49%	Engineer : Jarwei Wang
EUT : Wireless Cardbus Adapter	
Power Rating : 120Vac/60Hz M/N:SMC2536W-AG2	
Test Mode : TX5200	

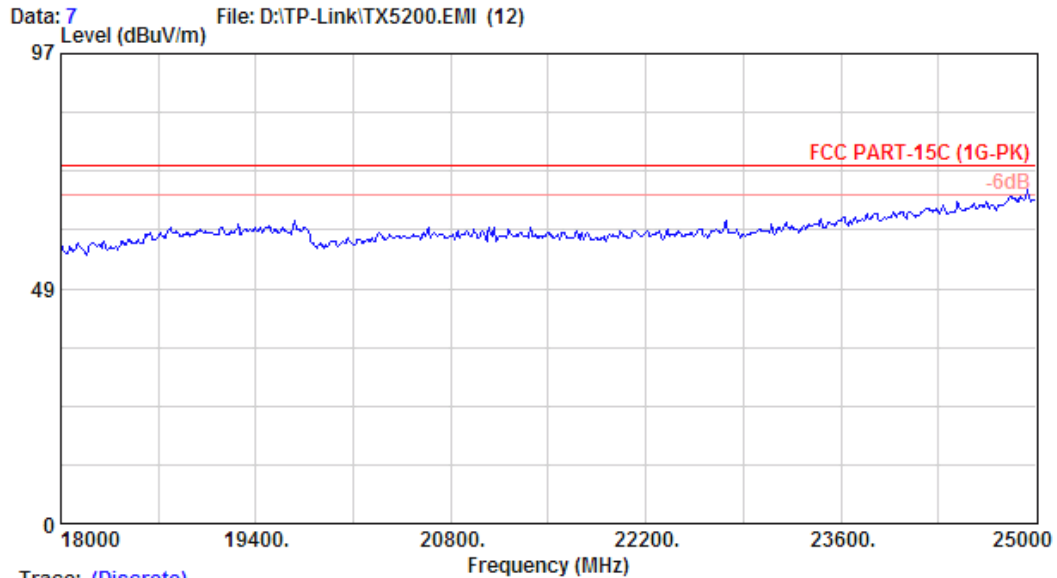


Trace: (Discrete)

Site no. : A/C Chamber	Data no. : 6
Dis. / Ant. : 3m 3115	Ant. pol. : VERTICAL
Limit : FCC PART-15C (1G-PK)	
Env. / Ins. : E7405A 26°C/49%	Engineer : Jarwei Wang
EUT : Wireless Cardbus Adapter	
Power Rating : 120Vac/60Hz M/N:SMC2536W-AG2	
Test Mode : TX5200	

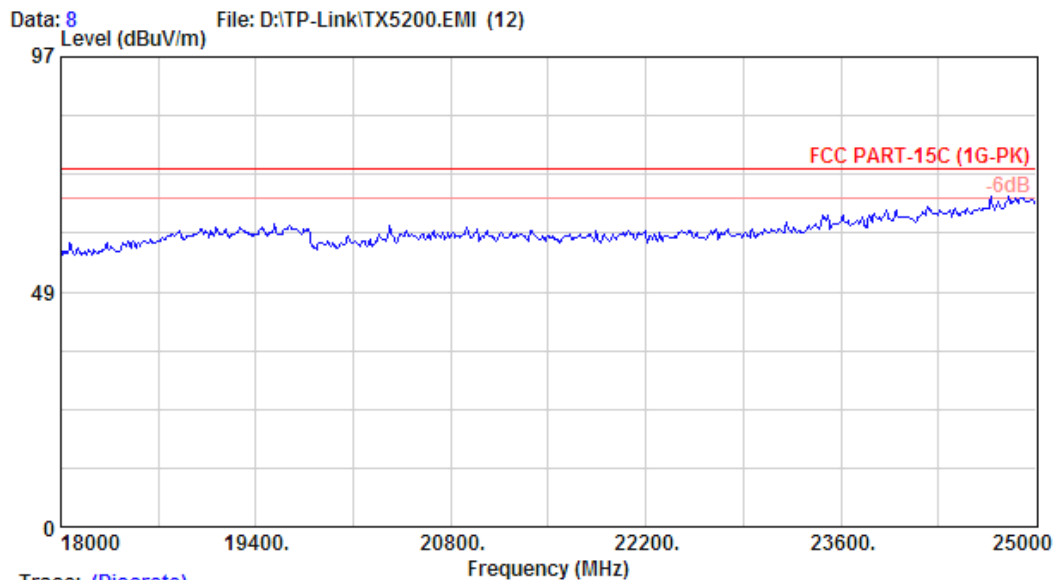


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Trace: (Discrete)

Site no. : site	Data no. : 7
Dis. / Ant. : 3m 3116	Ant. pol. : HORIZONTAL
Limit : FCC PART-15C (1G-PK)	
Env. / Ins. : E7405A 26*C/49%	Engineer : Jarwei Wang
EUT : Wireless Cardbus Adapter	
Power Rating : 120Vac/60Hz M/N:SMC2536W-AG2	
Test Mode : TX5200	



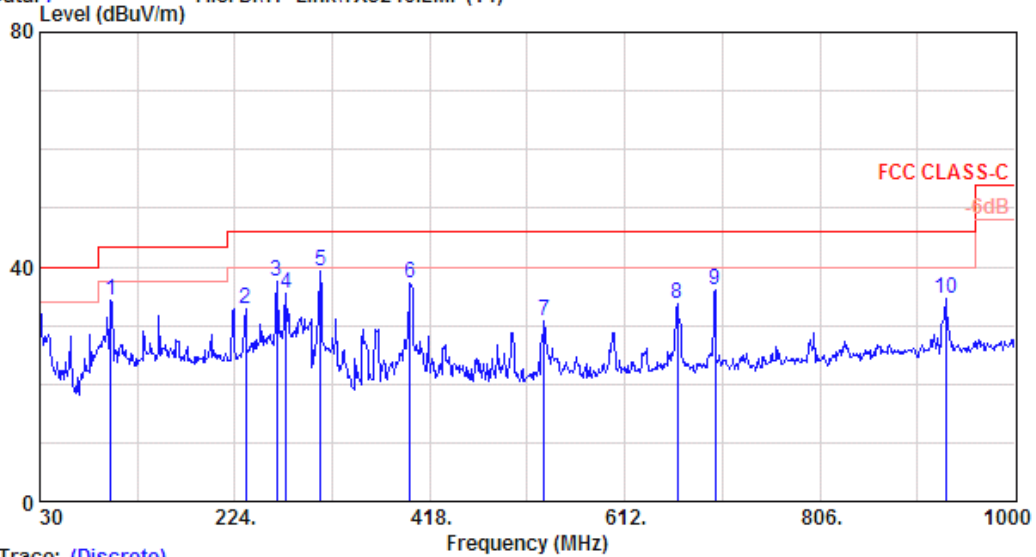
Trace: (Discrete)

Site no. : site	Data no. : 8
Dis. / Ant. : 3m 3116	Ant. pol. : VERTICAL
Limit : FCC PART-15C (1G-PK)	
Env. / Ins. : E7405A 26*C/49%	Engineer : Jarwei Wang
EUT : Wireless Cardbus Adapter	
Power Rating : 120Vac/60Hz M/N:SMC2536W-AG2	
Test Mode : TX5200	



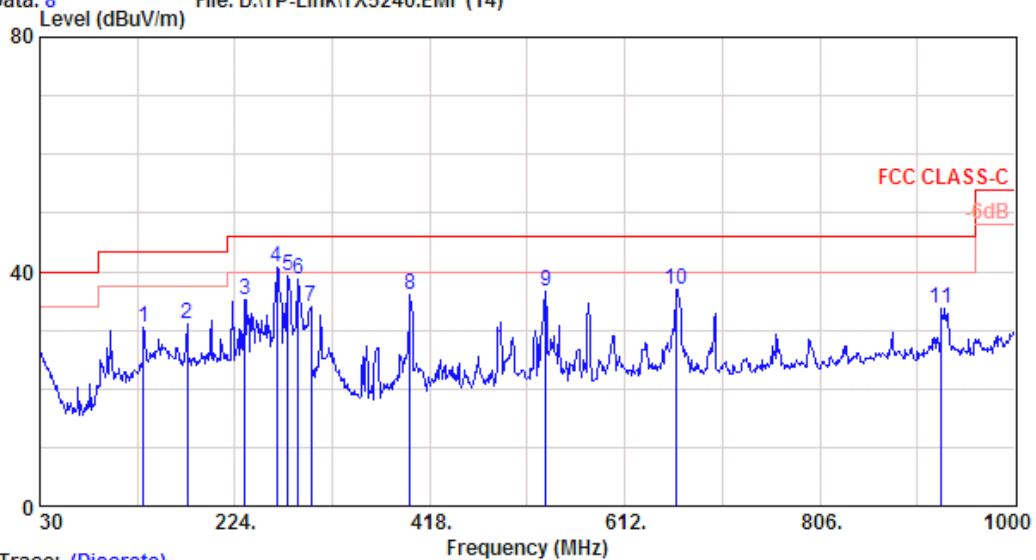
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Data: 7 File: D:\TP-Link\TX5240.EMI (14)



Trace: (Discrete)
 Site no. : A/C Chamber Data no. : 7
 Dis. / Ant. : 3m VBA6106A/UHALP9108A Ant. pol. : HORIZONTAL
 Limit : FCC CLASS-C
 Env. / Ins. : E7405A 26°C/49% Engineer : Jarwei Wang
 EUT : Wireless Cardbus Adapter
 Power Rating : 120Vac/60Hz M/N:SMC2536W-AG2
 Test Mode : TX5240MHz

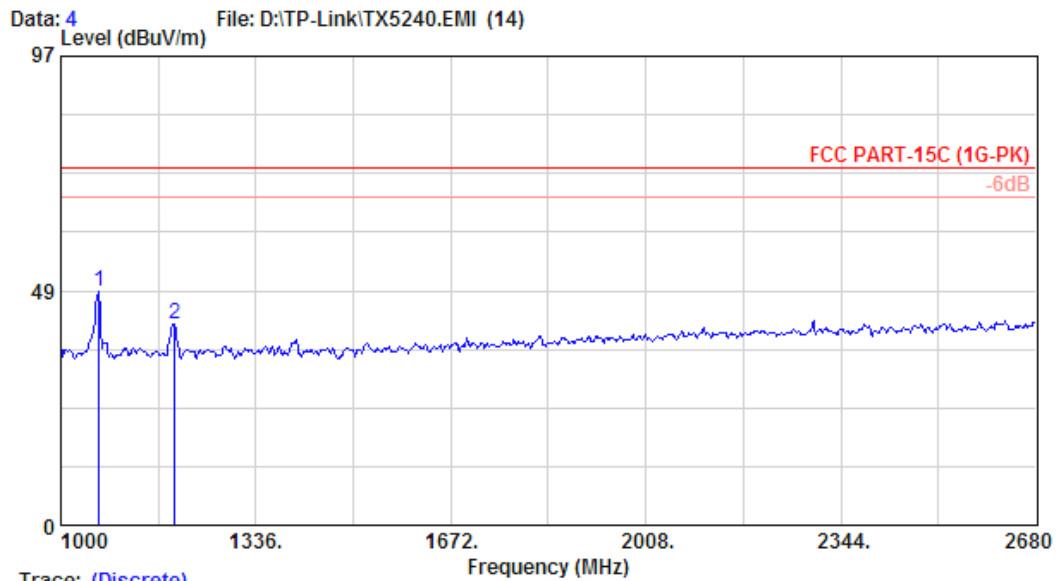
Data: 8 File: D:\TP-Link\TX5240.EMI (14)



Trace: (Discrete)
 Site no. : A/C Chamber Data no. : 8
 Dis. / Ant. : 3m VBA6106A/UHALP9108A Ant. pol. : VERTICAL
 Limit : FCC CLASS-C
 Env. / Ins. : E7405A 26°C/49% Engineer : Jarwei Wang
 EUT : Wireless Cardbus Adapter
 Power Rating : 120Vac/60Hz M/N:SMC2536W-AG2
 Test Mode : TX5240MHz

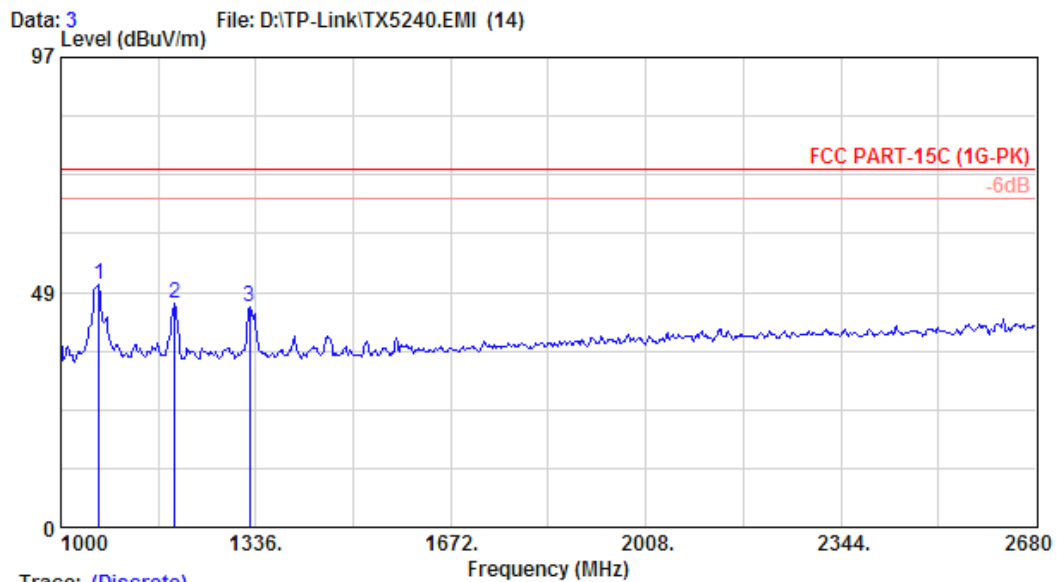


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 Email:ttemc@ttemc.



Trace: (Discrete)

Site no. : A/C Chamber	Data no. : 4
Dis. / Ant. : 3m 3115	Ant. pol. : HORIZONTAL
Limit : FCC PART-15C (1G-PK)	
Env. / Ins. : E7405A 26°C/49%	Engineer : Jarwei Wang
EUT : Wireless Cardbus Adapter	
Power Rating : 120Vac/60Hz M/N:SMC2536W-AG2	
Test Mode : TX5240MHz	

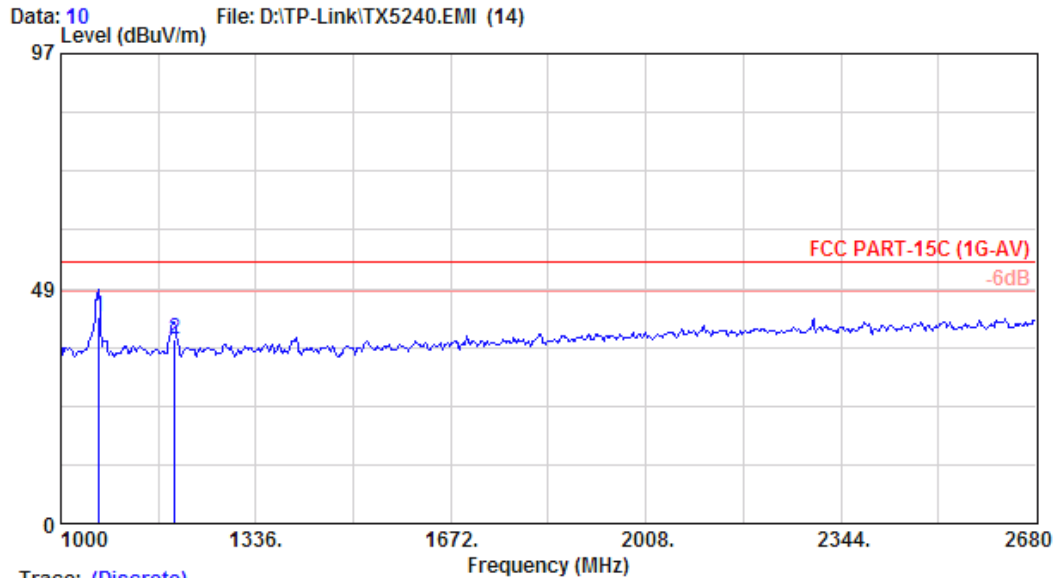


Trace: (Discrete)

Site no. : A/C Chamber	Data no. : 3
Dis. / Ant. : 3m 3115	Ant. pol. : VERTICAL
Limit : FCC PART-15C (1G-PK)	
Env. / Ins. : E7405A 26°C/49%	Engineer : Jarwei Wang
EUT : Wireless Cardbus Adapter	
Power Rating : 120Vac/60Hz M/N:SMC2536W-AG2	
Test Mode : TX5240MHz	

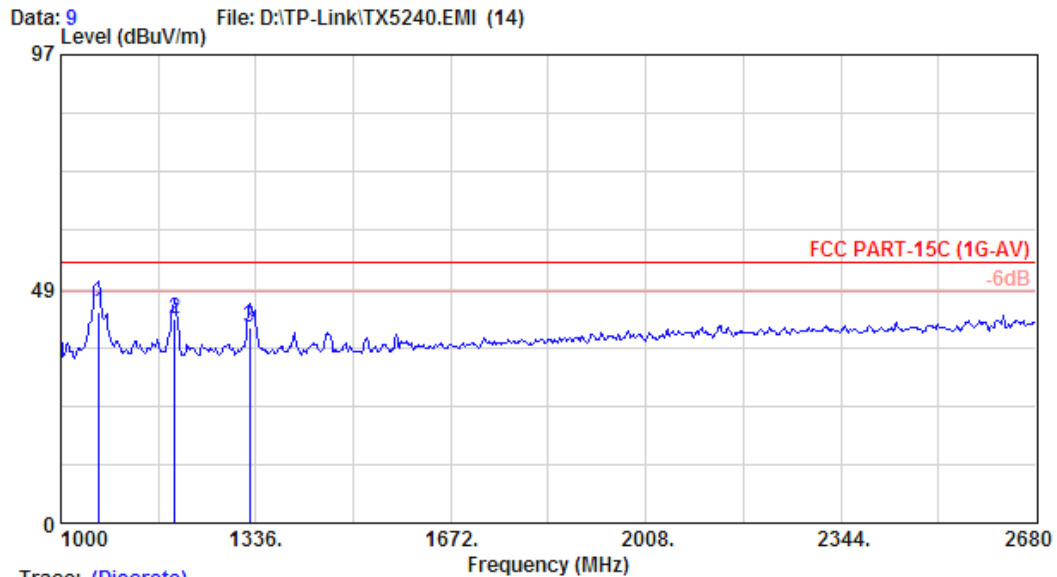


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Trace: (Discrete)

Site no.	: A/C Chamber	Data no.	: 10
Dis. / Ant.	: 3m 3115	Ant. pol.	: HORIZONTAL
Limit	: FCC PART-15C (1G-AV)		
Env. / Ins.	: E7405A 26°C/49%	Engineer	: Jarwei Wang
EUT	: Wireless Cardbus Adapter		
Power Rating	: 120Vac/60Hz M/N:SMC2536W-AG2		
Test Mode	: TX5240MHz		

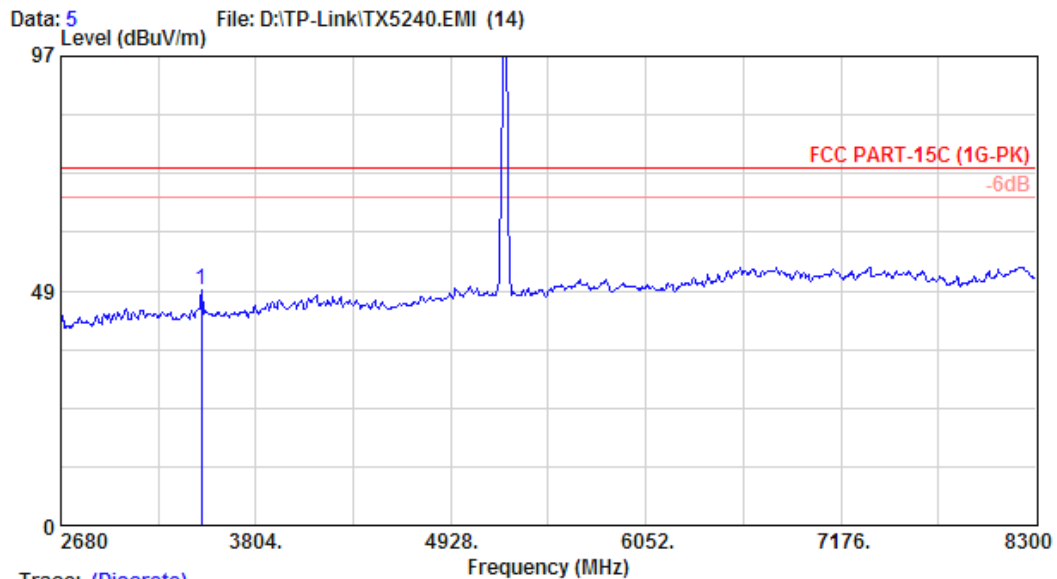


Trace: (Discrete)

Site no.	: A/C Chamber	Data no.	: 9
Dis. / Ant.	: 3m 3115	Ant. pol.	: VERTICAL
Limit	: FCC PART-15C (1G-AV)		
Env. / Ins.	: E7405A 26°C/49%	Engineer	: Jarwei Wang
EUT	: Wireless Cardbus Adapter		
Power Rating	: 120Vac/60Hz M/N:SMC2536W-AG2		
Test Mode	: TX5240MHz		

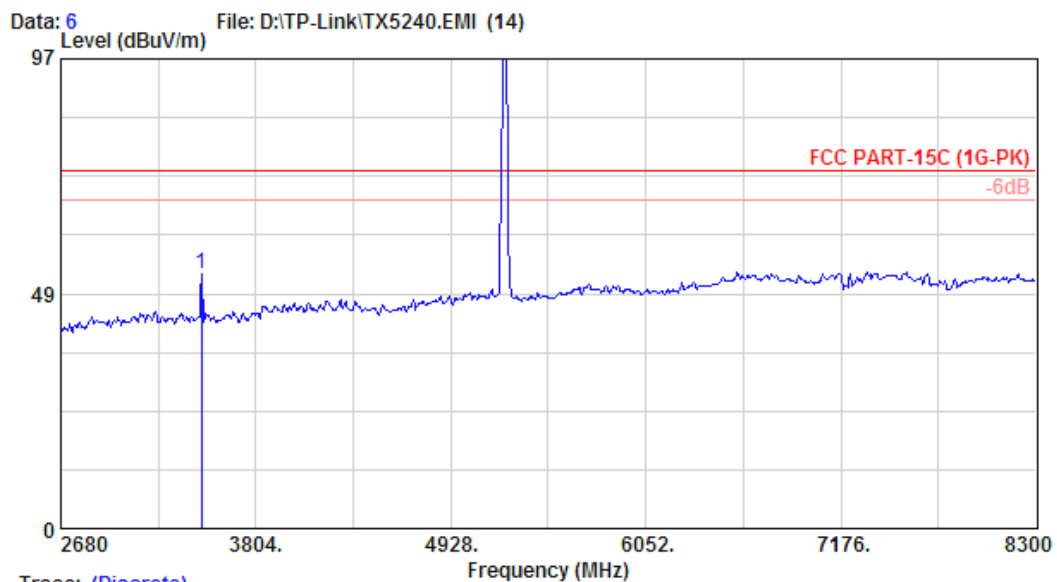


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Trace: (Discrete)

Site no. : A/C Chamber	Data no. : 5
Dis. / Ant. : 3m 3115	Ant. pol. : HORIZONTAL
Limit : FCC PART-15C (1G-PK)	
Env. / Ins. : E7405A 26°C/49%	Engineer : Jarwei Wang
EUT : Wireless Cardbus Adapter	
Power Rating : 120Vac/60Hz M/N:SMC2536W-AG2	
Test Mode : TX5240MHz	

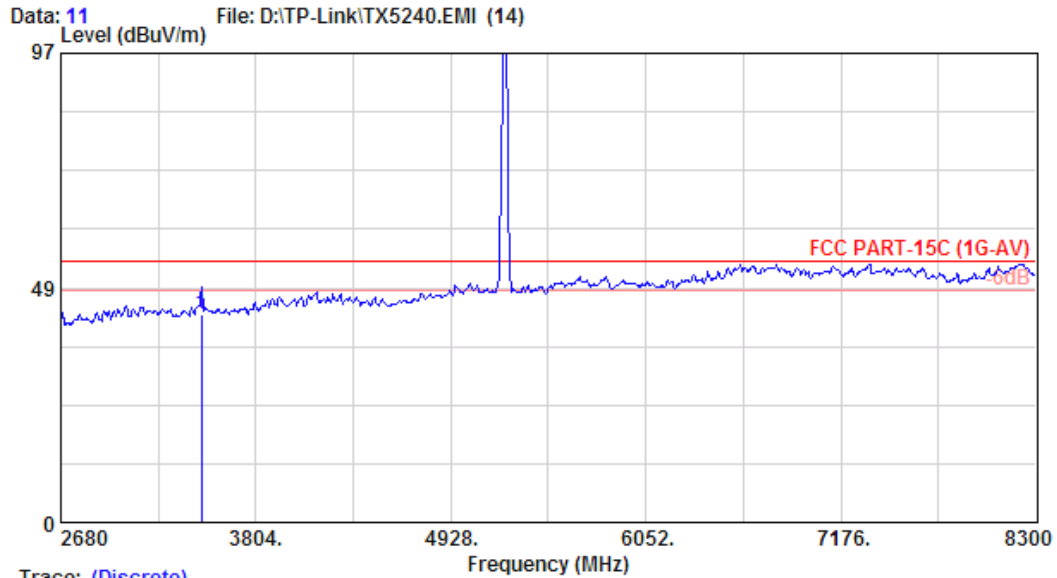


Trace: (Discrete)

Site no. : A/C Chamber	Data no. : 6
Dis. / Ant. : 3m 3115	Ant. pol. : VERTICAL
Limit : FCC PART-15C (1G-PK)	
Env. / Ins. : E7405A 26°C/49%	Engineer : Jarwei Wang
EUT : Wireless Cardbus Adapter	
Power Rating : 120Vac/60Hz M/N:SMC2536W-AG2	
Test Mode : TX5240MHz	

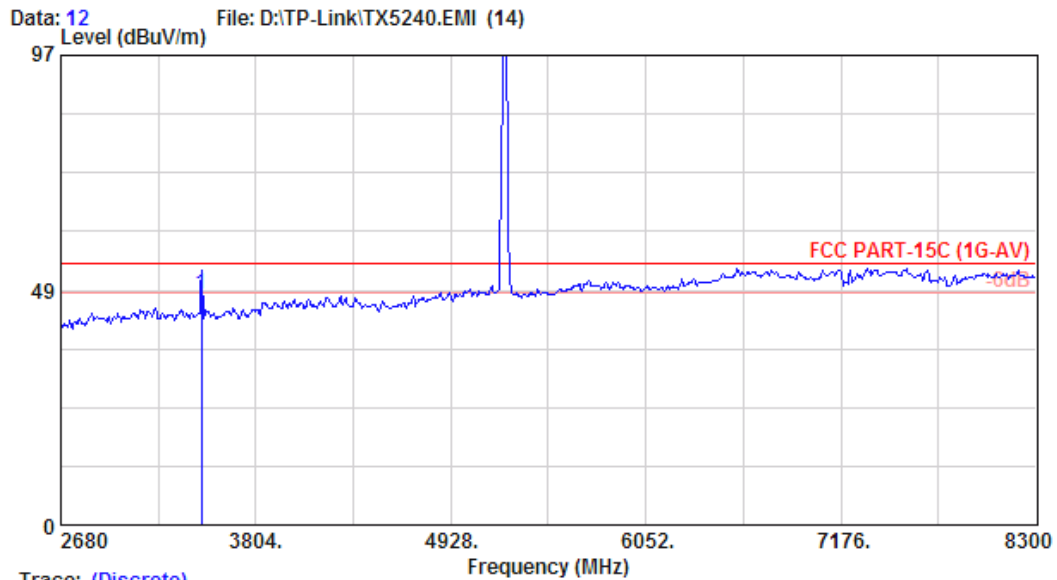


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Trace: (Discrete)

Site no. : A/C Chamber	Data no. : 11
Dis. / Ant. : 3m 3115	Ant. pol. : HORIZONTAL
Limit : FCC PART-15C (1G-AV)	
Env. / Ins. : E7405A 26°C/49%	Engineer : Jarwei Wang
EUT : Wireless Cardbus Adapter	
Power Rating : 120Vac/60Hz M/N:SMC2536W-AG2	
Test Mode : TX5240MHz	

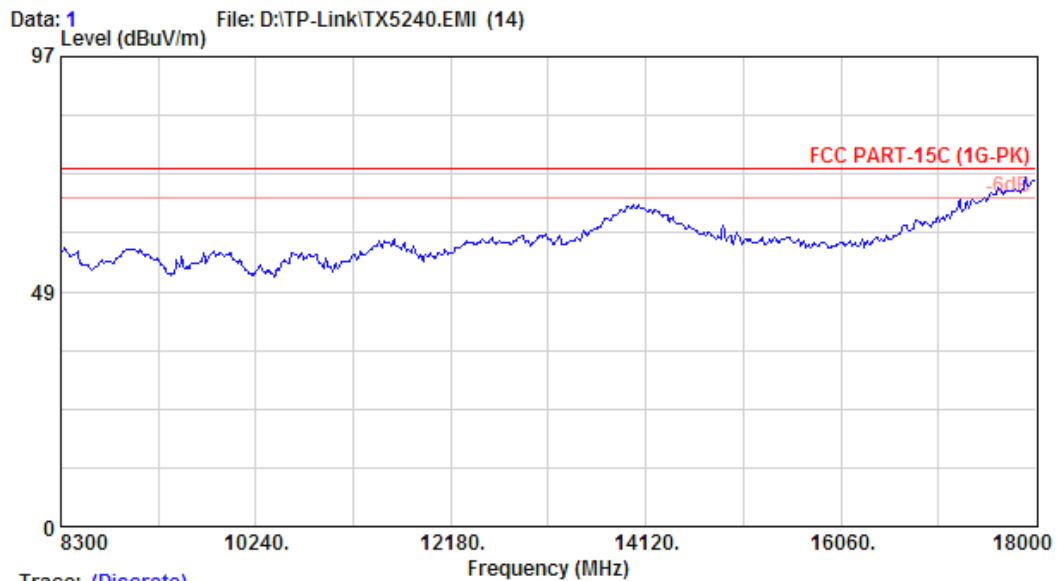


Trace: (Discrete)

Site no. : A/C Chamber	Data no. : 12
Dis. / Ant. : 3m 3115	Ant. pol. : VERTICAL
Limit : FCC PART-15C (1G-AV)	
Env. / Ins. : E7405A 26°C/49%	Engineer : Jarwei Wang
EUT : Wireless Cardbus Adapter	
Power Rating : 120Vac/60Hz M/N:SMC2536W-AG2	
Test Mode : TX5240MHz	

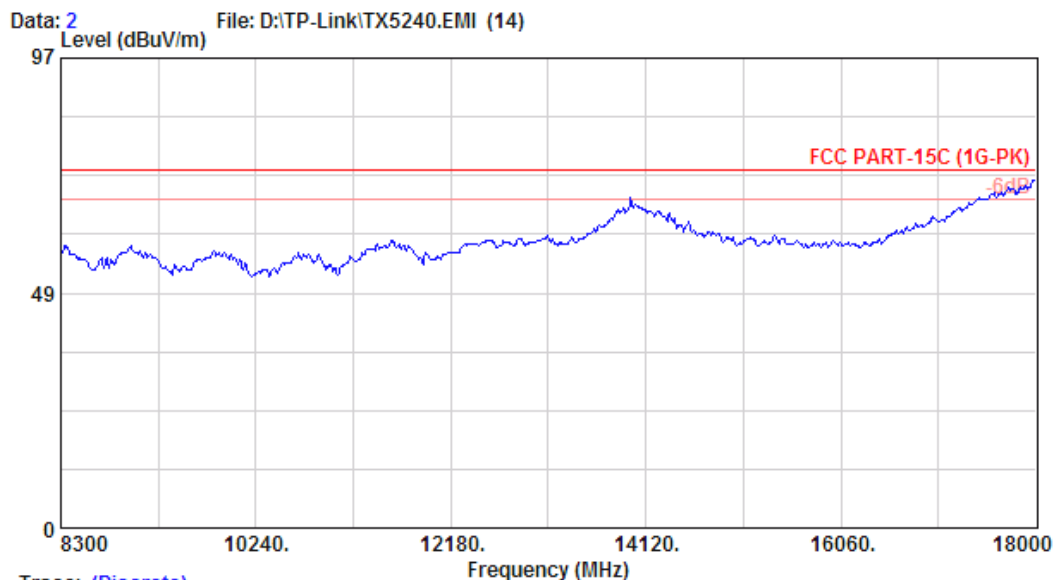


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 Email:ttemc@ttemc.



Trace: (Discrete)

Site no.	: A/C Chamber	Data no.	: 1
Dis. / Ant.	: 3m 3115	Ant. pol.	: HORIZONTAL
Limit	: FCC PART-15C (1G-PK)		
Env. / Ins.	: E7405A 26°C/49%	Engineer	: Jarwei Wang
EUT	: Wireless Cardbus Adapter		
Power Rating	: 120Vac/60Hz M/N:SMC2536W-AG2		
Test Mode	: TX5240MHz		



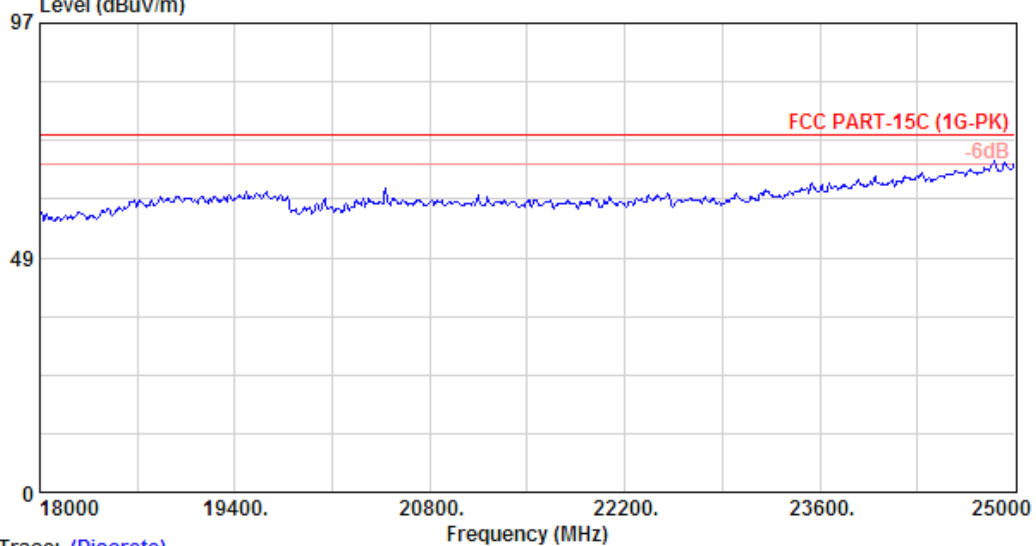
Trace: (Discrete)

Site no.	: A/C Chamber	Data no.	: 2
Dis. / Ant.	: 3m 3115	Ant. pol.	: VERTICAL
Limit	: FCC PART-15C (1G-PK)		
Env. / Ins.	: E7405A 26°C/49%	Engineer	: Jarwei Wang
EUT	: Wireless Cardbus Adapter		
Power Rating	: 120Vac/60Hz M/N:SMC2536W-AG2		
Test Mode	: TX5240MHz		



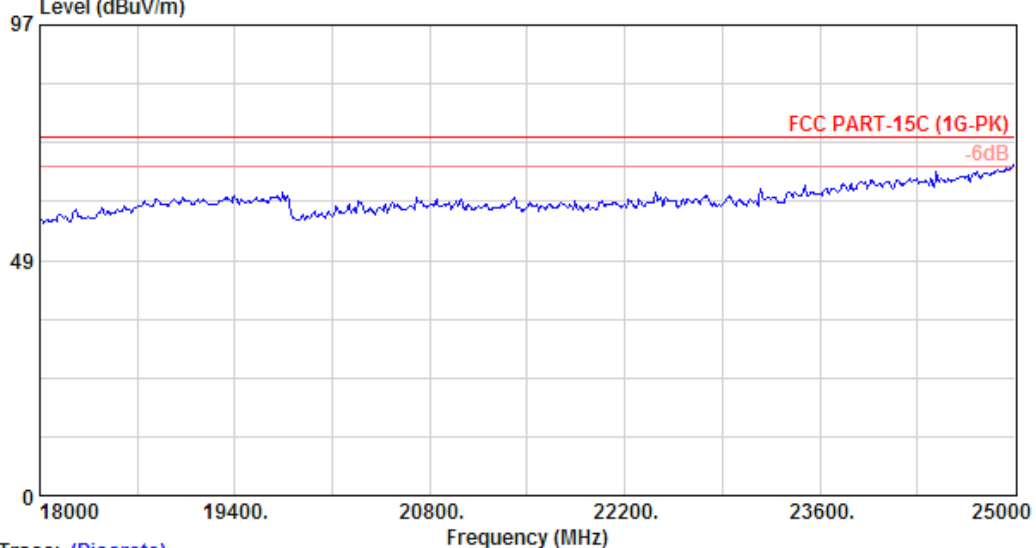
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Data: 14 File: D:\TP-Link\TX5240.EMI (14)



Trace: (Discrete)
 Site no. : site Data no. : 14
 Dis. / Ant. : 3m 3116 Ant. pol. : HORIZONTAL
 Limit : FCC PART-15C (1G-PK)
 Env. / Ins. : E7405A 26*C/49% Engineer : Jarwei Wang
 EUT : Wireless Cardbus Adapter
 Power Rating : 120Vac/60Hz M/N:SMC2536W-AG2
 Test Mode : TX5240MHz

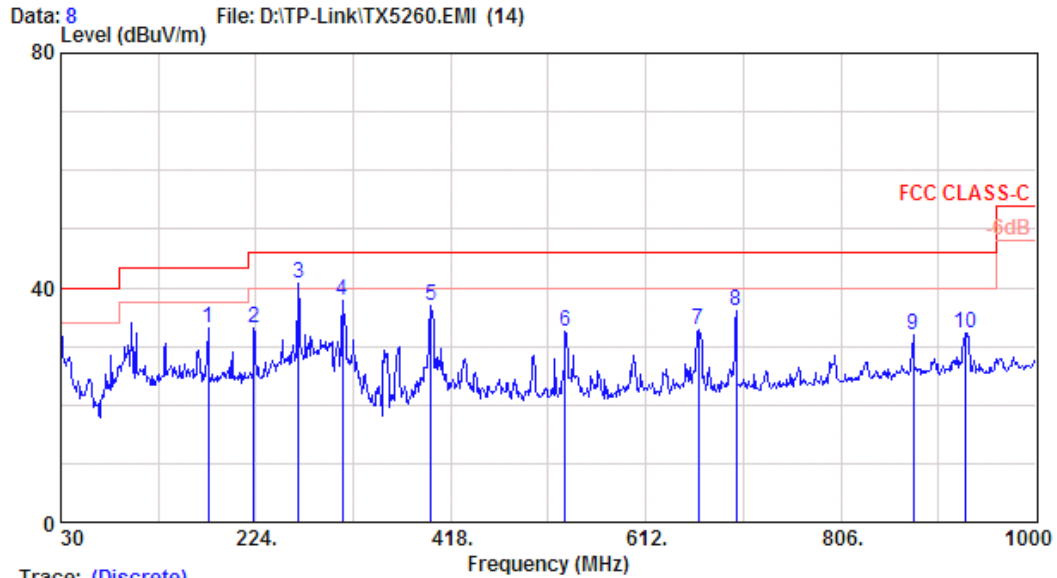
Data: 13 File: D:\TP-Link\TX5240.EMI (14)



Trace: (Discrete)
 Site no. : site Data no. : 13
 Dis. / Ant. : 3m 3116 Ant. pol. : VERTICAL
 Limit : FCC PART-15C (1G-PK)
 Env. / Ins. : E7405A 26*C/49% Engineer : Jarwei Wang
 EUT : Wireless Cardbus Adapter
 Power Rating : 120Vac/60Hz M/N:SMC2536W-AG2
 Test Mode : TX5240MHz

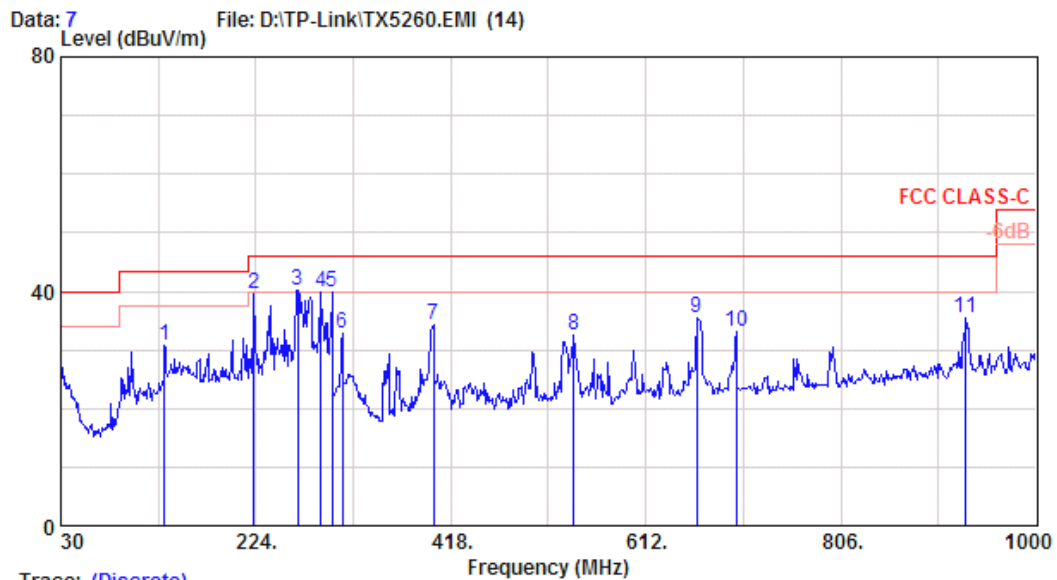


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 Email:ttemc@ttemc.



Trace: (Discrete)

Site no. : A/C Chamber	Data no. : 8
Dis. / Ant. : 3m VBA6106A/UHALP9108A	Ant. pol. : HORIZONTAL
Limit : FCC CLASS-C	
Env. / Ins. : E7405A 26°C/49%	Engineer : Jarwei Wang
EUT : Wireless Cardbus Adapter	
Power Rating : 120Vac/60Hz M/N:SMC2536W-AG2	
Test Mode : TX5260MHz	

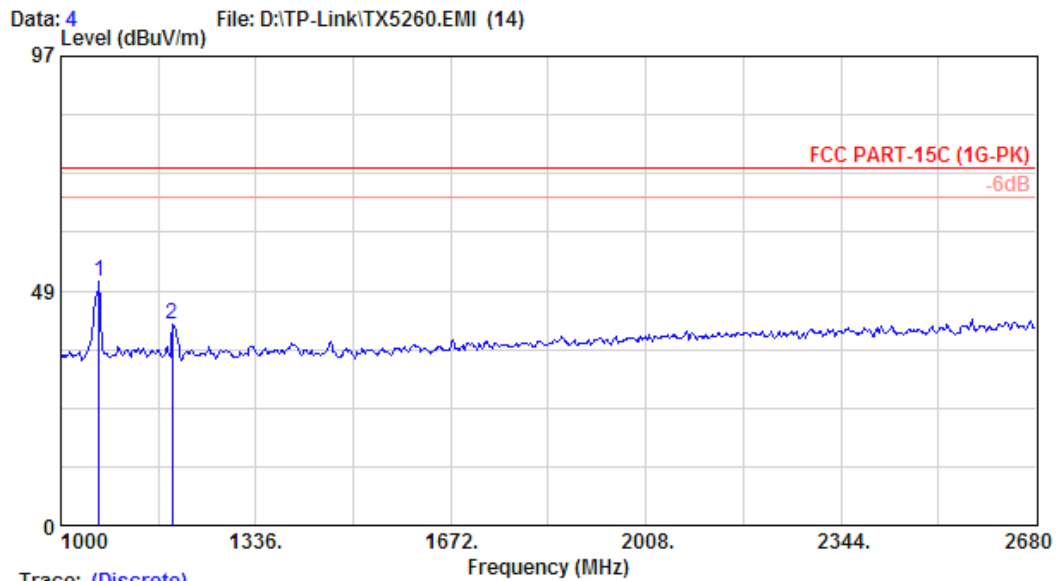


Trace: (Discrete)

Site no. : A/C Chamber	Data no. : 7
Dis. / Ant. : 3m VBA6106A/UHALP9108A	Ant. pol. : VERTICAL
Limit : FCC CLASS-C	
Env. / Ins. : E7405A 26°C/49%	Engineer : Jarwei Wang
EUT : Wireless Cardbus Adapter	
Power Rating : 120Vac/60Hz M/N:SMC2536W-AG2	
Test Mode : TX5260MHz	

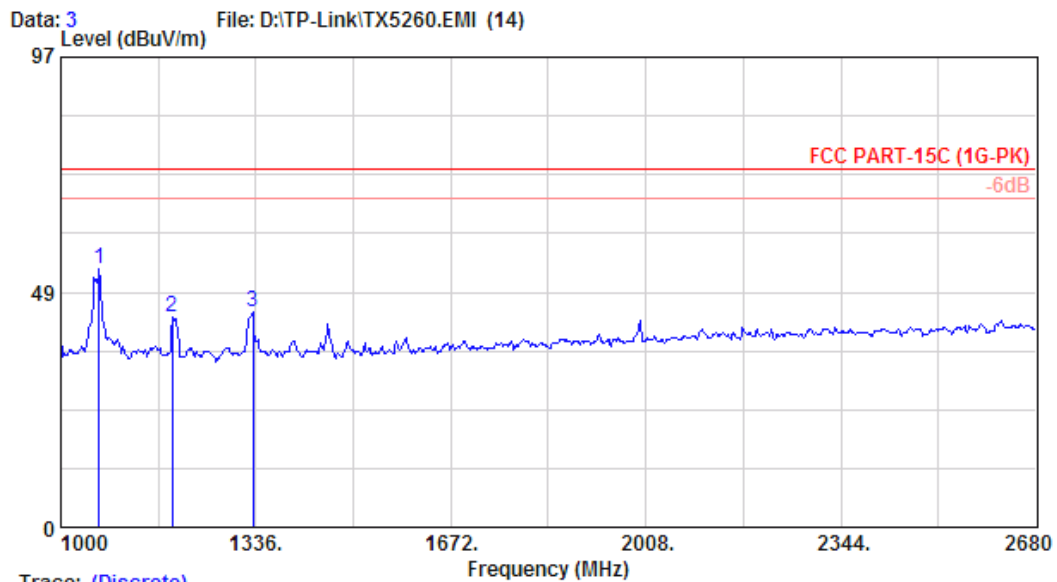


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 Email:ttemc@ttemc.



Trace: (Discrete)

Site no. : A/C Chamber	Data no. : 4
Dis. / Ant. : 3m 3115	Ant. pol. : HORIZONTAL
Limit : FCC PART-15C (1G-PK)	
Env. / Ins. : E7405A 26°C/49%	Engineer : Jarwei Wang
EUT : Wireless Cardbus Adapter	
Power Rating : 120Vac/60Hz M/N:SMC2536W-AG2	
Test Mode : TX5260MHz	

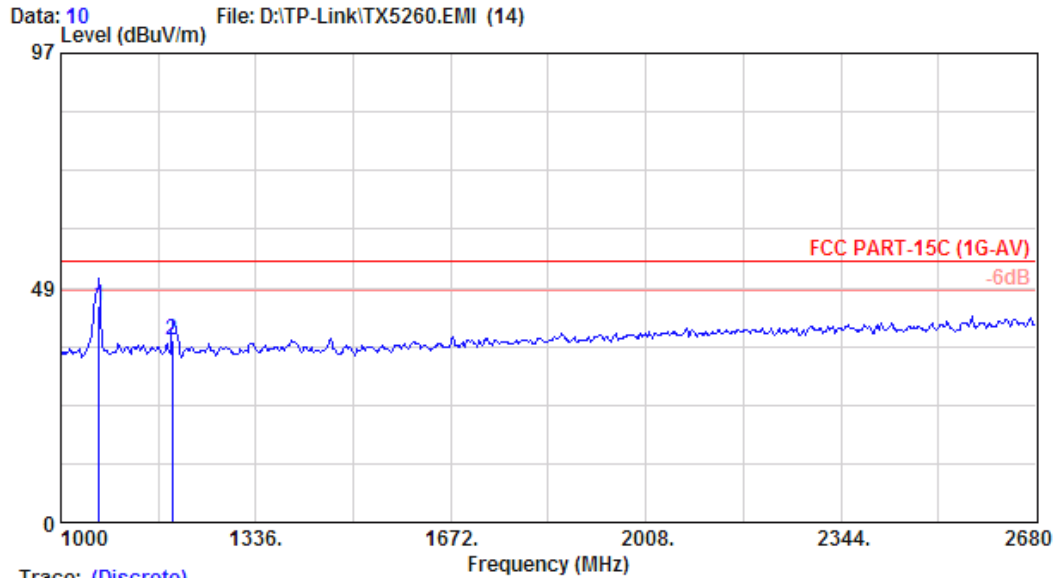


Trace: (Discrete)

Site no. : A/C Chamber	Data no. : 3
Dis. / Ant. : 3m 3115	Ant. pol. : VERTICAL
Limit : FCC PART-15C (1G-PK)	
Env. / Ins. : E7405A 26°C/49%	Engineer : Jarwei Wang
EUT : Wireless Cardbus Adapter	
Power Rating : 120Vac/60Hz M/N:SMC2536W-AG2	
Test Mode : TX5260MHz	

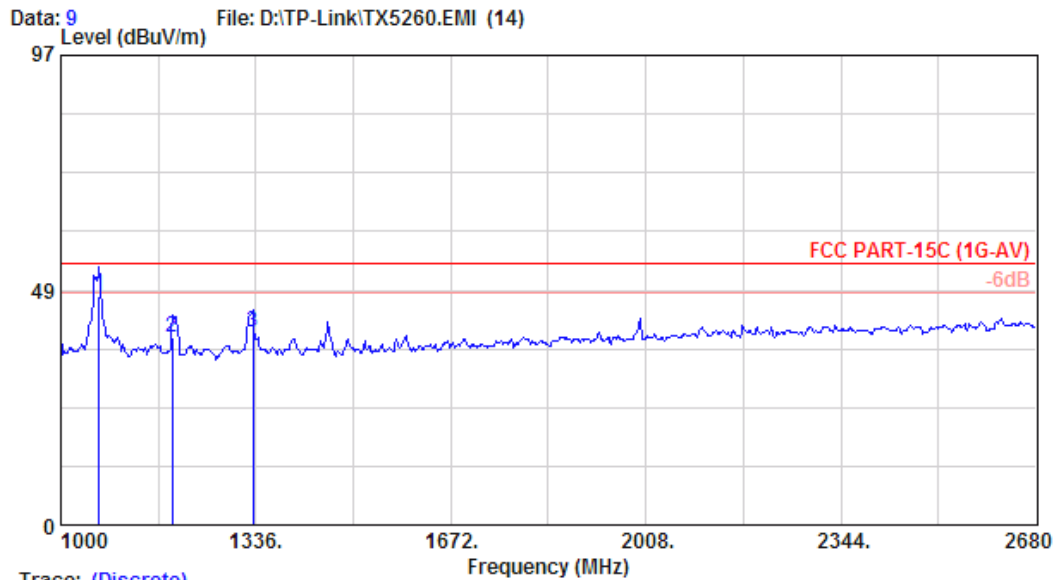


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Trace: (Discrete)

Site no. : A/C Chamber	Data no. : 10
Dis. / Ant. : 3m 3115	Ant. pol. : HORIZONTAL
Limit : FCC PART-15C (1G-AV)	
Env. / Ins. : E7405A 26°C/49%	Engineer : Jarwei Wang
EUT : Wireless Cardbus Adapter	
Power Rating : 120Vac/60Hz M/N:SMC2536W-AG2	
Test Mode : TX5260MHz	

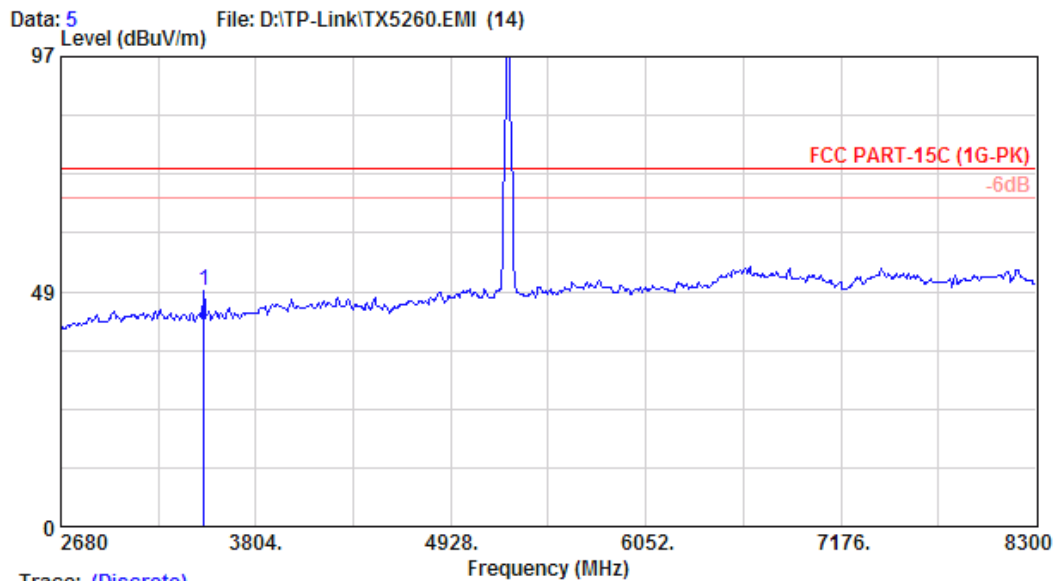


Trace: (Discrete)

Site no. : A/C Chamber	Data no. : 9
Dis. / Ant. : 3m 3115	Ant. pol. : VERTICAL
Limit : FCC PART-15C (1G-AV)	
Env. / Ins. : E7405A 26°C/49%	Engineer : Jarwei Wang
EUT : Wireless Cardbus Adapter	
Power Rating : 120Vac/60Hz M/N:SMC2536W-AG2	
Test Mode : TX5260MHz	

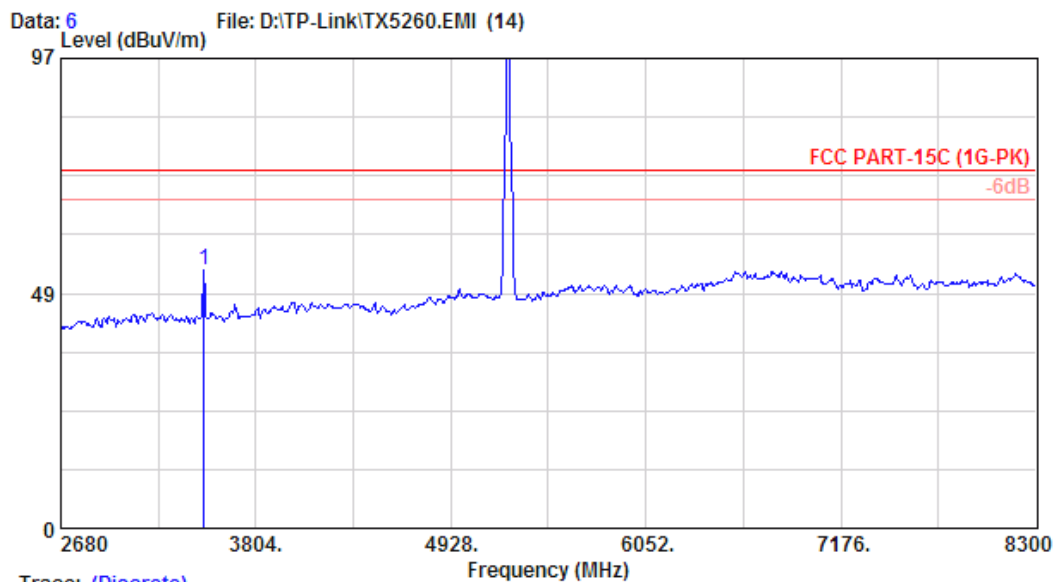


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Trace: (Discrete)

Site no. : A/C Chamber	Data no. : 5
Dis. / Ant. : 3m 3115	Ant. pol. : HORIZONTAL
Limit : FCC PART-15C (1G-PK)	
Env. / Ins. : E7405A 26°C/49%	Engineer : Jarwei Wang
EUT : Wireless Cardbus Adapter	
Power Rating : 120Vac/60Hz M/N:SMC2536W-AG2	
Test Mode : TX5260MHz	

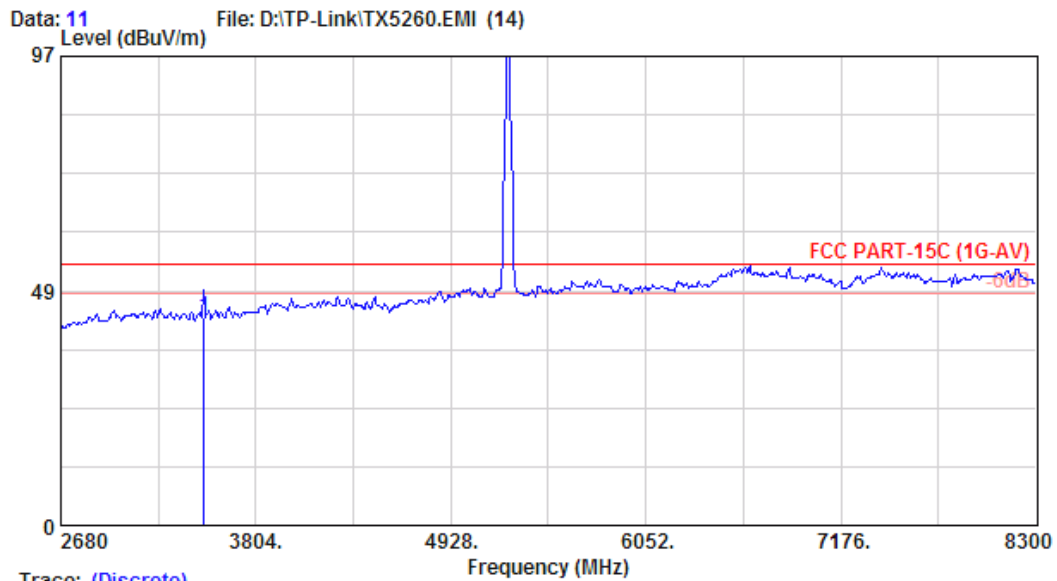


Trace: (Discrete)

Site no. : A/C Chamber	Data no. : 6
Dis. / Ant. : 3m 3115	Ant. pol. : VERTICAL
Limit : FCC PART-15C (1G-PK)	
Env. / Ins. : E7405A 26°C/49%	Engineer : Jarwei Wang
EUT : Wireless Cardbus Adapter	
Power Rating : 120Vac/60Hz M/N:SMC2536W-AG2	
Test Mode : TX5260MHz	

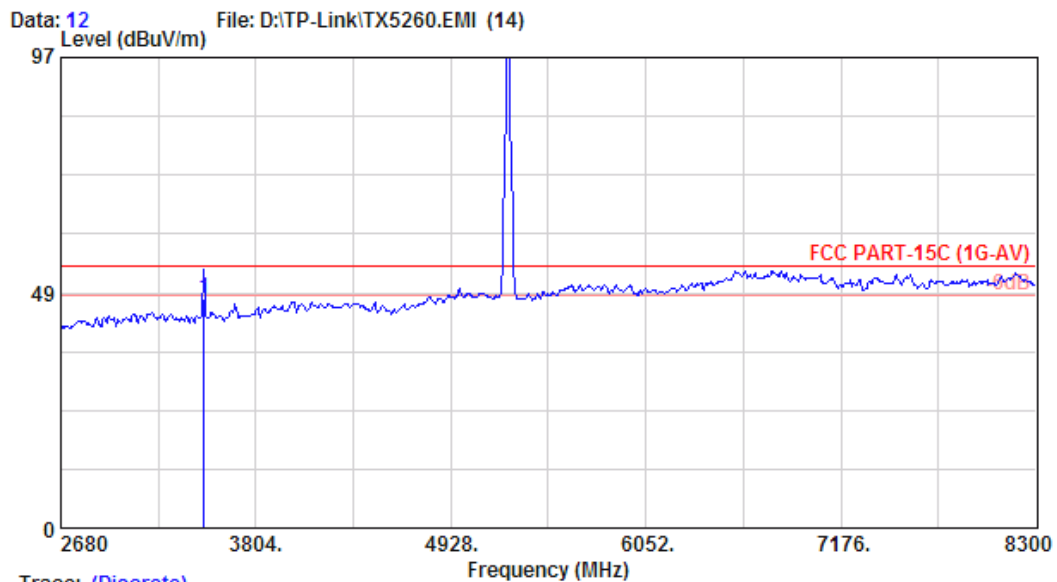


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Trace: (Discrete)

Site no. : A/C Chamber	Data no. : 11
Dis. / Ant. : 3m 3115	Ant. pol. : HORIZONTAL
Limit : FCC PART-15C (1G-AV)	
Env. / Ins. : E7405A 26°C/49%	Engineer : Jarwei Wang
EUT : Wireless Cardbus Adapter	
Power Rating : 120Vac/60Hz M/N:SMC2536W-AG2	
Test Mode : TX5260MHz	

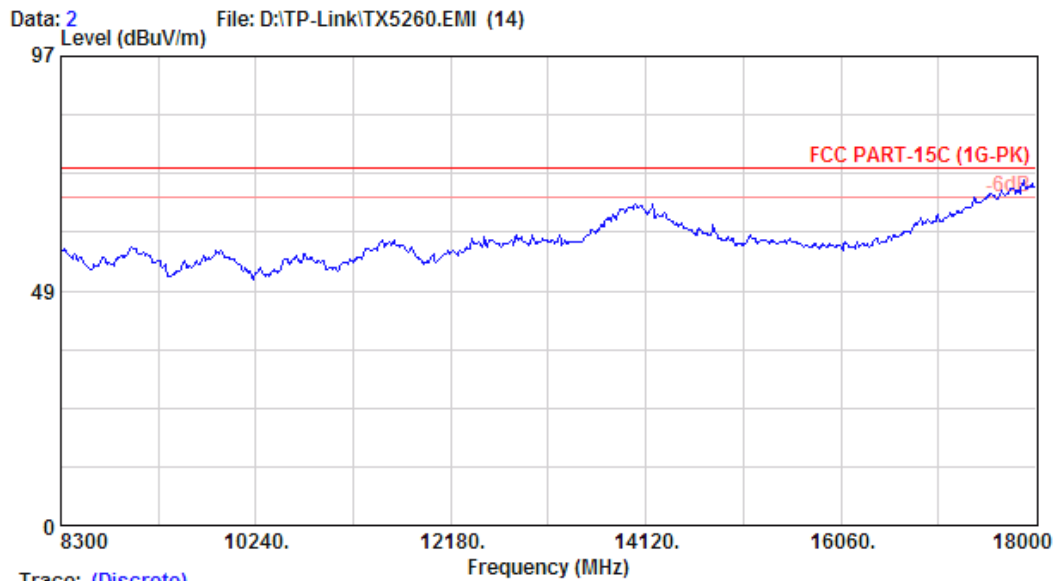


Trace: (Discrete)

Site no. : A/C Chamber	Data no. : 12
Dis. / Ant. : 3m 3115	Ant. pol. : VERTICAL
Limit : FCC PART-15C (1G-AV)	
Env. / Ins. : E7405A 26°C/49%	Engineer : Jarwei Wang
EUT : Wireless Cardbus Adapter	
Power Rating : 120Vac/60Hz M/N:SMC2536W-AG2	
Test Mode : TX5260MHz	

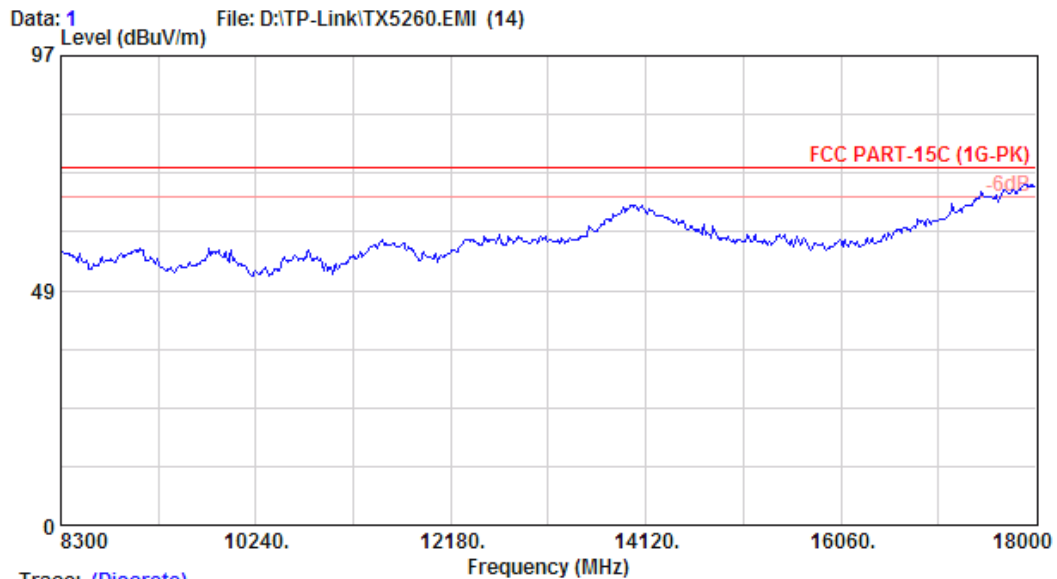


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Trace: (Discrete)

Site no. : A/C Chamber	Data no. : 2
Dis. / Ant. : 3m 3115	Ant. pol. : HORIZONTAL
Limit : FCC PART-15C (1G-PK)	
Env. / Ins. : E7405A 26°C/49%	Engineer : Jarwei Wang
EUT : Wireless Cardbus Adapter	
Power Rating : 120Vac/60Hz M/N:SMC2536W-AG2	
Test Mode : TX5260MHz	

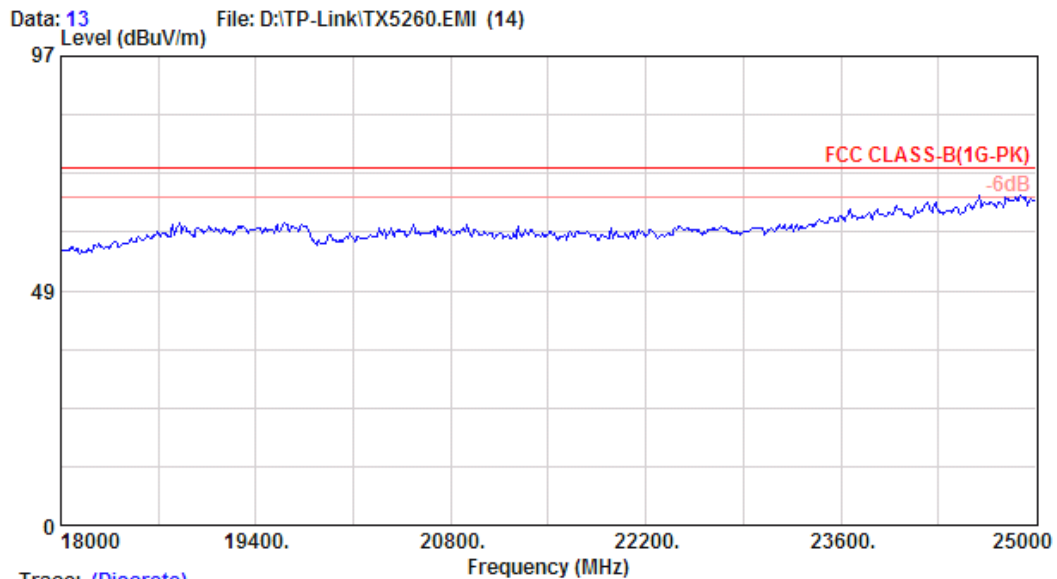


Trace: (Discrete)

Site no. : A/C Chamber	Data no. : 1
Dis. / Ant. : 3m 3115	Ant. pol. : VERTICAL
Limit : FCC PART-15C (1G-PK)	
Env. / Ins. : E7405A 26°C/49%	Engineer : Jarwei Wang
EUT : Wireless Cardbus Adapter	
Power Rating : 120Vac/60Hz M/N:SMC2536W-AG2	
Test Mode : TX5260MHz	

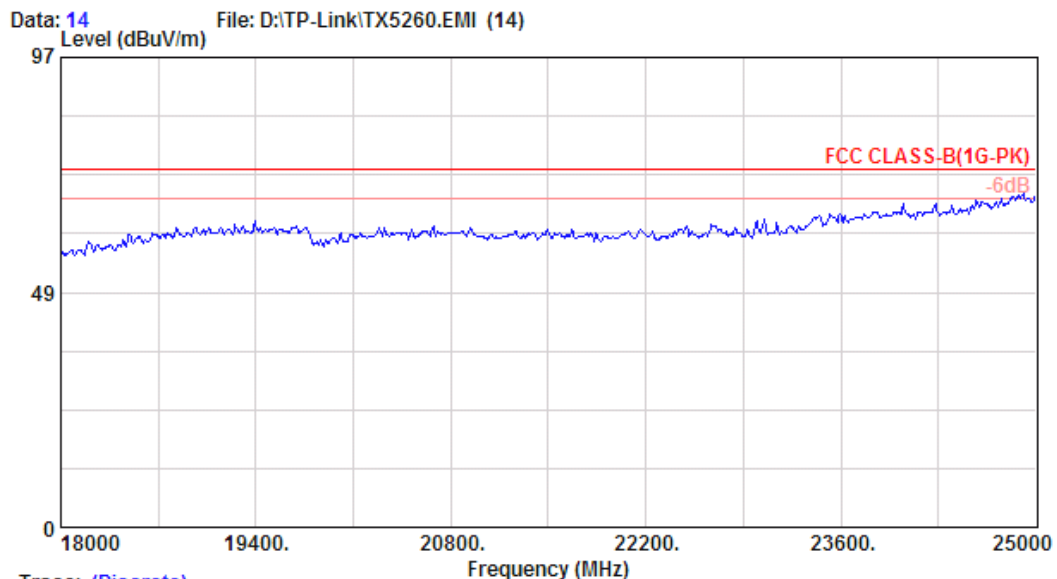


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Trace: (Discrete)

Site no. : site	Data no. : 13
Dis. / Ant. : 3m 3116	Ant. pol. : HORIZONTAL
Limit : FCC CLASS-B(1G-PK)	
Env. / Ins. : E7405A 26*C/49%	Engineer : Jarwei Wang
EUT : Wireless Cardbus Adapter	
Power Rating : 120Vac/60Hz M/N:SMC2536W-AG2	
Test Mode : TX5260MHz	

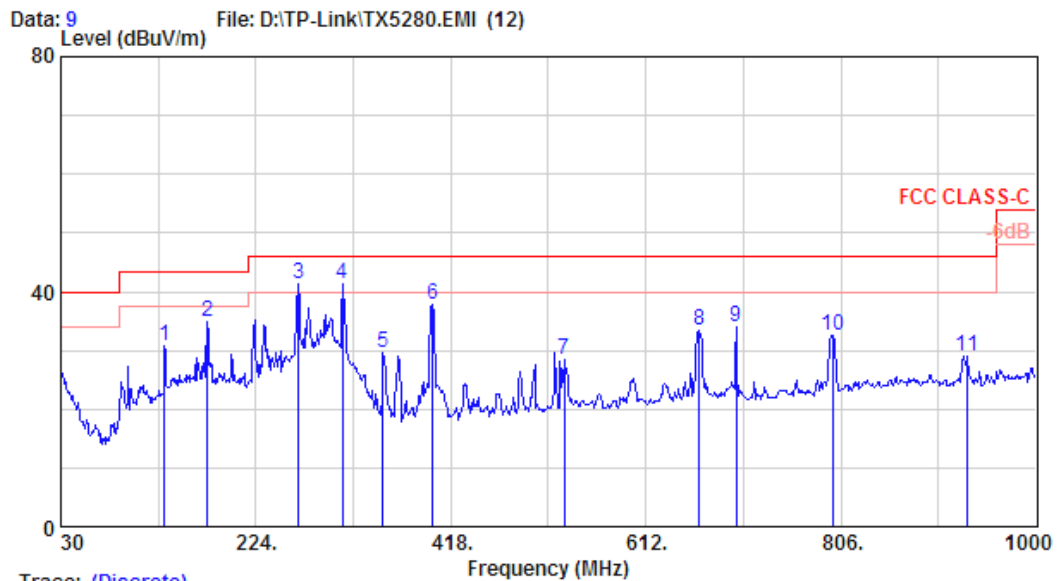


Trace: (Discrete)

Site no. : site	Data no. : 14
Dis. / Ant. : 3m 3116	Ant. pol. : VERTICAL
Limit : FCC CLASS-B(1G-PK)	
Env. / Ins. : E7405A 26*C/49%	Engineer : Jarwei Wang
EUT : Wireless Cardbus Adapter	
Power Rating : 120Vac/60Hz M/N:SMC2536W-AG2	
Test Mode : TX5260MHz	

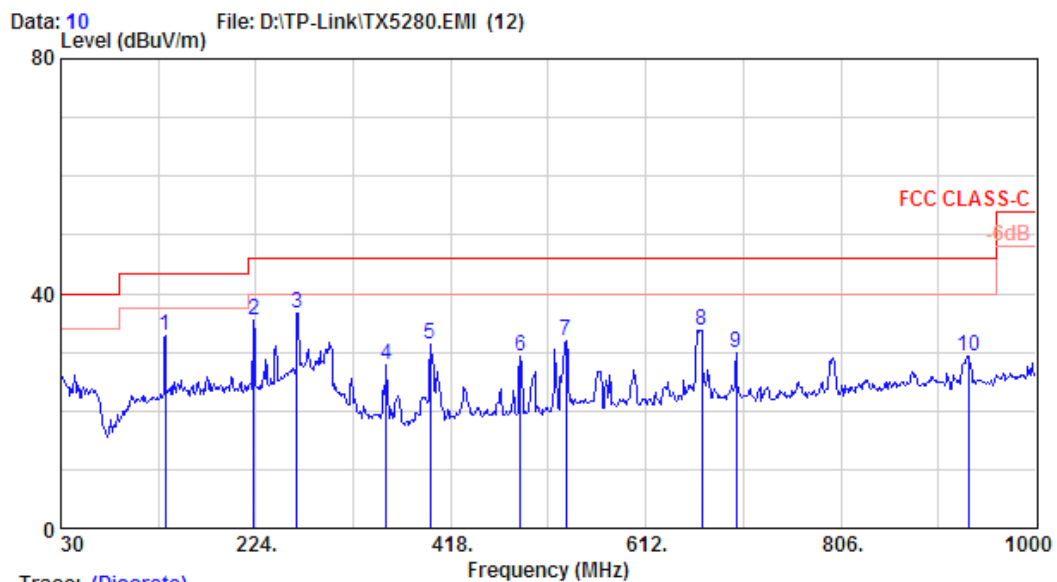


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Trace: (Discrete)

Site no. : A/C Chamber	Data no. : 9
Dis. / Ant. : 3m VBA6106A/UHALP9108A	Ant. pol. : HORIZONTAL
Limit : FCC CLASS-C	
Env. / Ins. : E7405A 26°C/49%	Engineer : Jarwei Wang
EUT : Wireless Cardbus Adapter	
Power Rating : 120Vac/60Hz M/N:SMC2536W-AG2	
Test Mode : TX5280	

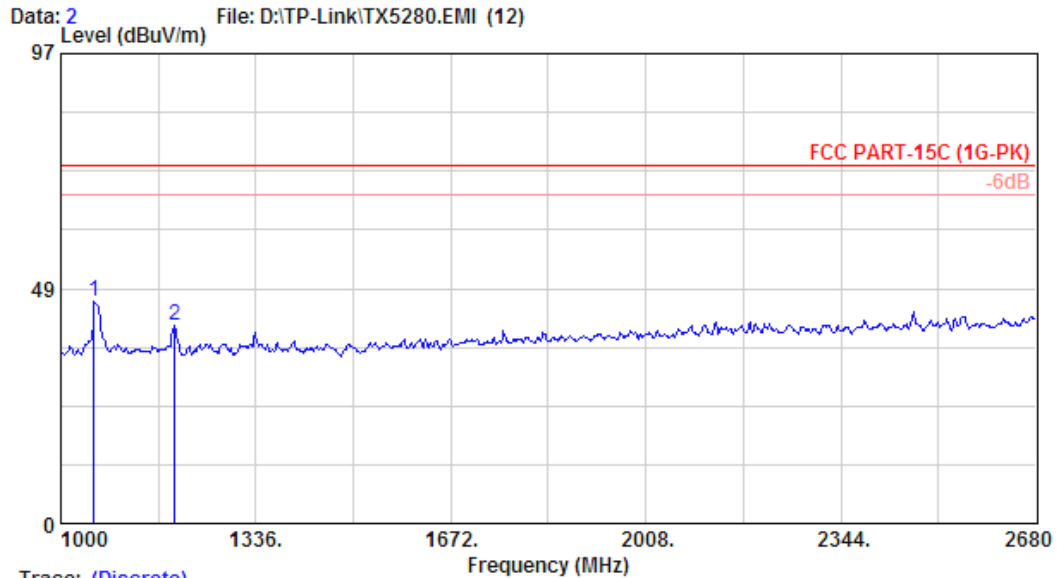


Trace: (Discrete)

Site no. : A/C Chamber	Data no. : 10
Dis. / Ant. : 3m VBA6106A/UHALP9108A	Ant. pol. : VERTICAL
Limit : FCC CLASS-C	
Env. / Ins. : E7405A 26°C/49%	Engineer : Jarwei Wang
EUT : Wireless Cardbus Adapter	
Power Rating : 120Vac/60Hz M/N:SMC2536W-AG2	
Test Mode : TX5280	

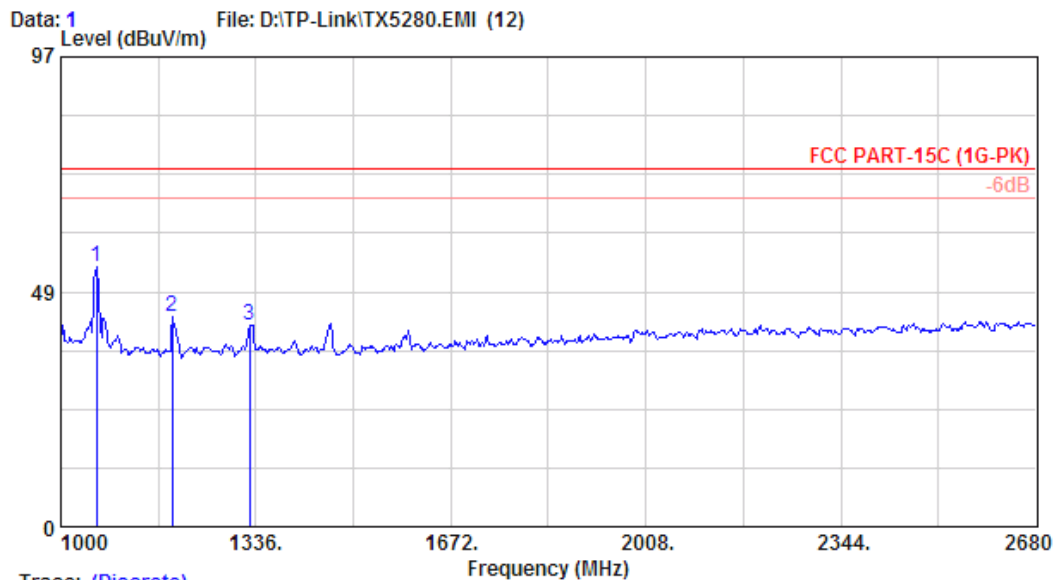


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Trace: (Discrete)

Site no. : A/C Chamber	Data no. : 2
Dis. / Ant. : 3m 3115	Ant. pol. : HORIZONTAL
Limit : FCC PART-15C (1G-PK)	
Env. / Ins. : E7405A 26°C/49%	Engineer : Jarwei Wang
EUT : Wireless Cardbus Adapter	
Power Rating : 120Vac/60Hz M/N:SMC2536W-AG2	
Test Mode : TX5280	



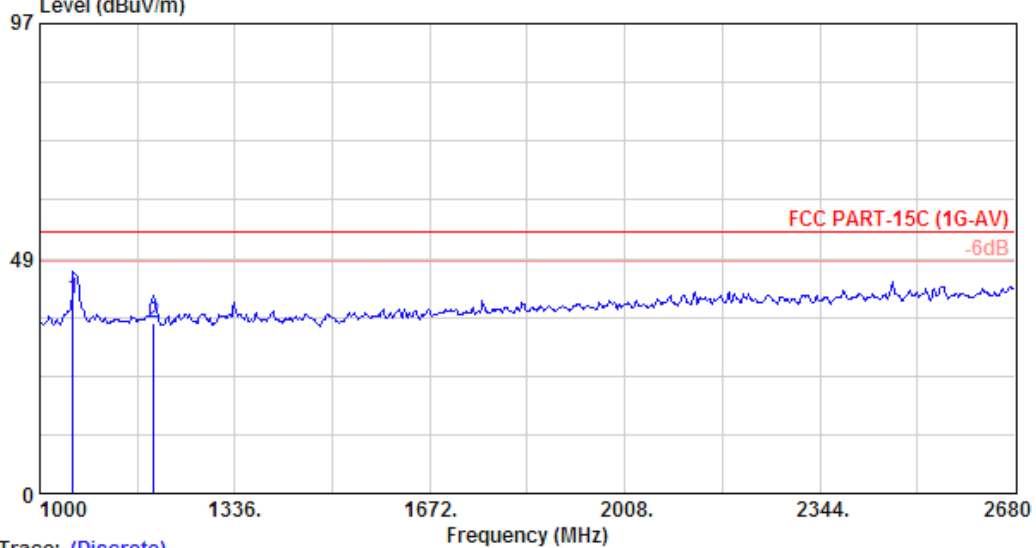
Trace: (Discrete)

Site no. : A/C Chamber	Data no. : 1
Dis. / Ant. : 3m 3115	Ant. pol. : VERTICAL
Limit : FCC PART-15C (1G-PK)	
Env. / Ins. : E7405A 26°C/49%	Engineer : Jarwei Wang
EUT : Wireless Cardbus Adapter	
Power Rating : 120Vac/60Hz M/N:SMC2536W-AG2	
Test Mode : TX5280	



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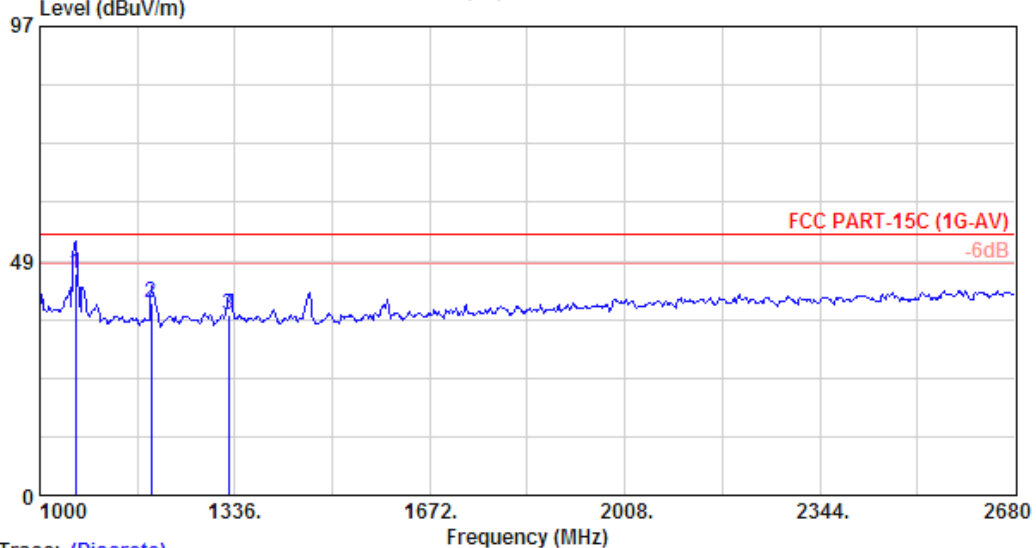
Data: 12 File: D:\TP-Link\TX5280.EMI (12)



Trace: (Discrete)

Site no.	: A/C Chamber	Data no.	: 12
Dis. / Ant.	: 3m 3115	Ant. pol.	: HORIZONTAL
Limit	: FCC PART-15C (1G-AV)		
Env. / Ins.	: E7405A 26°C/49%	Engineer	: Jarwei Wang
EUT	: Wireless Cardbus Adapter		
Power Rating	: 120Vac/60Hz M/N:SMC2536W-AG2		
Test Mode	: TX5280		

Data: 11 File: D:\TP-Link\TX5280.EMI (12)

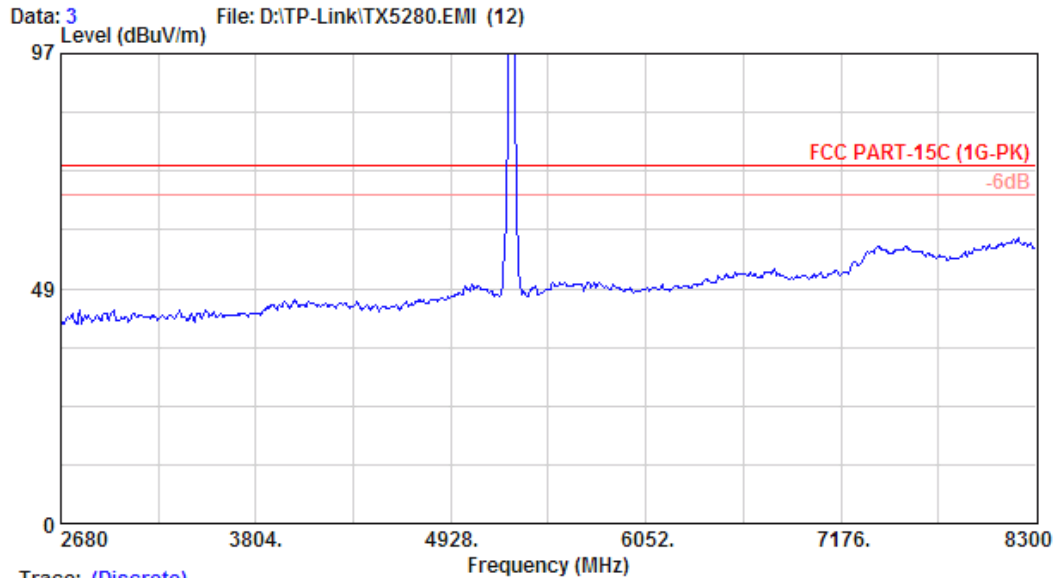


Trace: (Discrete)

Site no.	: A/C Chamber	Data no.	: 11
Dis. / Ant.	: 3m 3115	Ant. pol.	: VERTICAL
Limit	: FCC PART-15C (1G-AV)		
Env. / Ins.	: E7405A 26°C/49%	Engineer	: Jarwei Wang
EUT	: Wireless Cardbus Adapter		
Power Rating	: 120Vac/60Hz M/N:SMC2536W-AG2		
Test Mode	: TX5280		

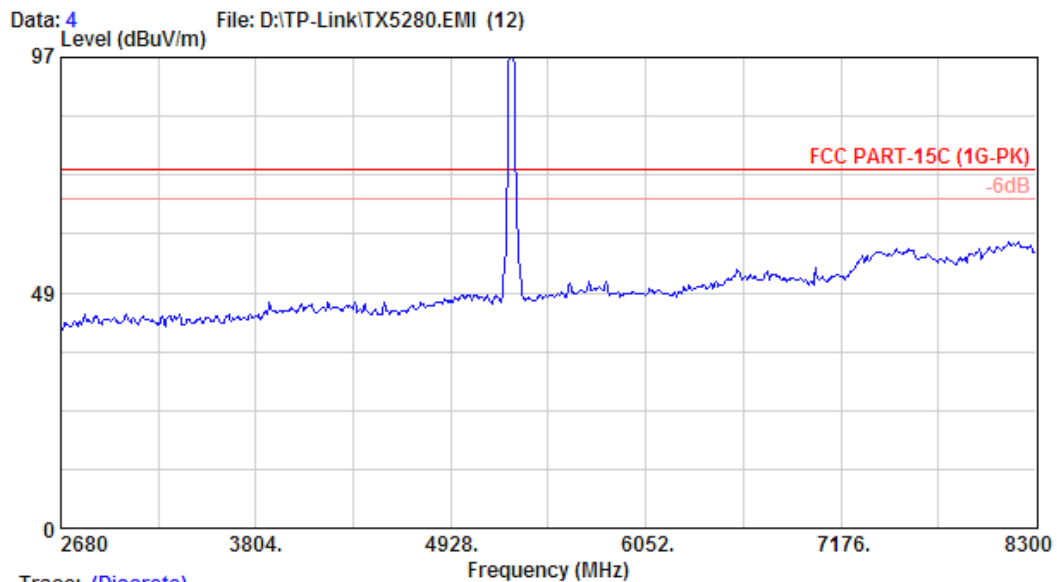


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Trace: (Discrete)

Site no.	: A/C Chamber	Data no.	: 3
Dis. / Ant.	: 3m 3115	Ant. pol.	: HORIZONTAL
Limit	: FCC PART-15C (1G-PK)		
Env. / Ins.	: E7405A 26°C/49%	Engineer	: Jarwei Wang
EUT	: Wireless Cardbus Adapter		
Power Rating	: 120Vac/60Hz M/N:SMC2536W-AG2		
Test Mode	: TX5280		

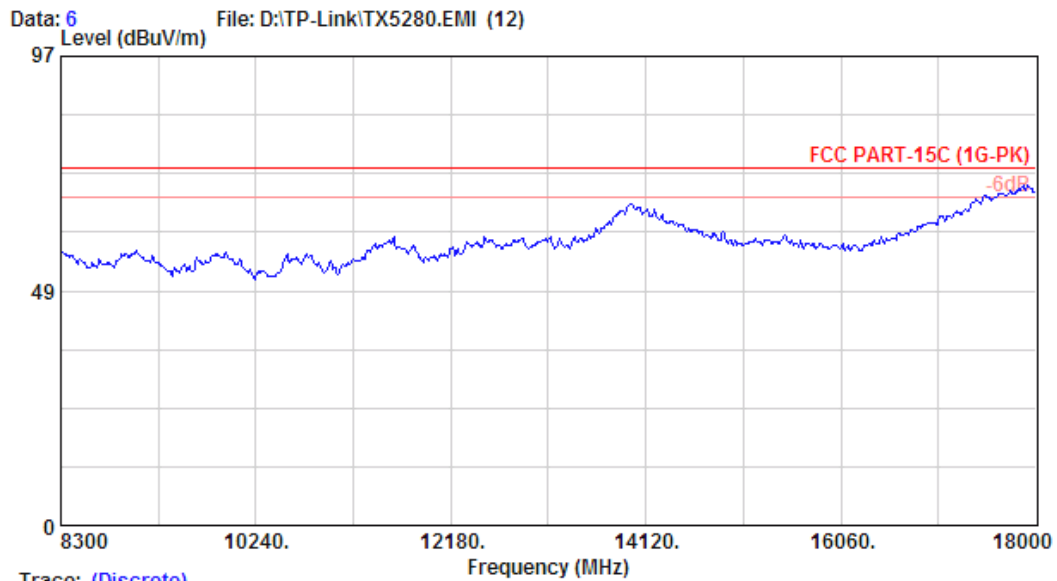


Trace: (Discrete)

Site no.	: A/C Chamber	Data no.	: 4
Dis. / Ant.	: 3m 3115	Ant. pol.	: VERTICAL
Limit	: FCC PART-15C (1G-PK)		
Env. / Ins.	: E7405A 26°C/49%	Engineer	: Jarwei Wang
EUT	: Wireless Cardbus Adapter		
Power Rating	: 120Vac/60Hz M/N:SMC2536W-AG2		
Test Mode	: TX5280		

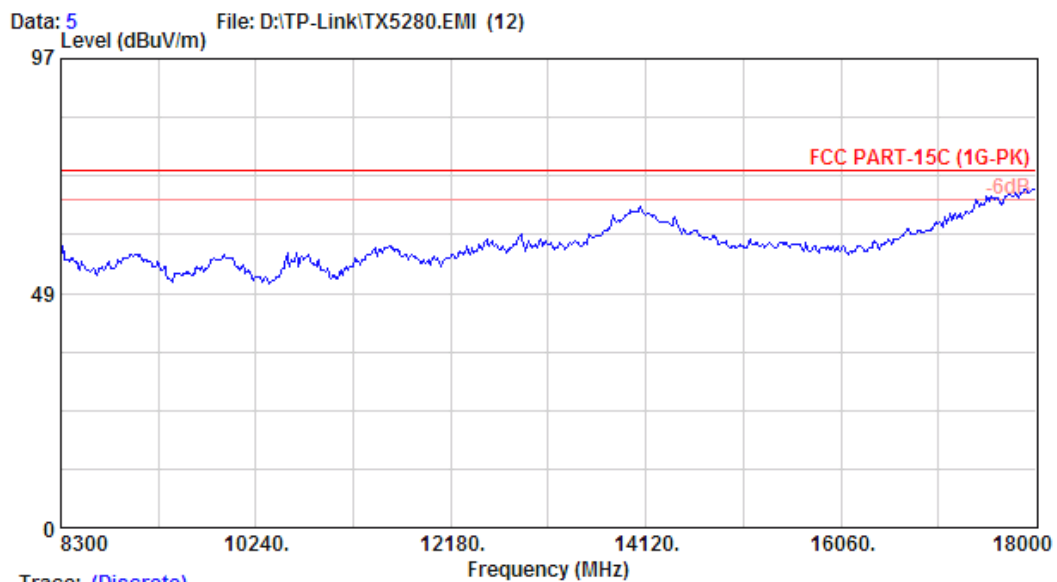


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Trace: (Discrete)

Site no. : A/C Chamber	Data no. : 6
Dis. / Ant. : 3m 3115	Ant. pol. : HORIZONTAL
Limit : FCC PART-15C (1G-PK)	
Env. / Ins. : E7405A 26°C/49%	Engineer : Jarwei Wang
EUT : Wireless Cardbus Adapter	
Power Rating : 120Vac/60Hz M/N:SMC2536W-AG2	
Test Mode : TX5280	

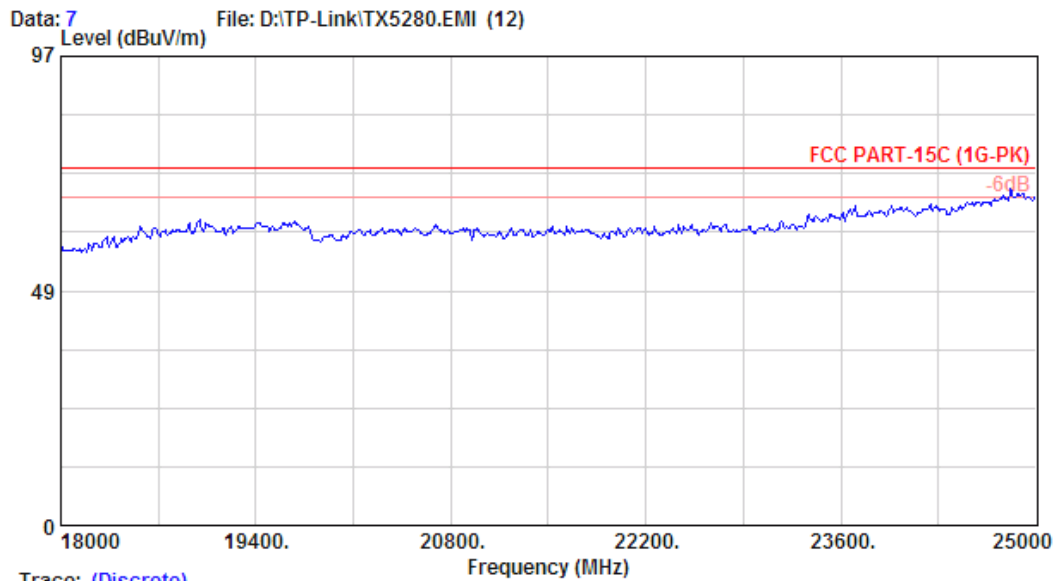


Trace: (Discrete)

Site no. : A/C Chamber	Data no. : 5
Dis. / Ant. : 3m 3115	Ant. pol. : VERTICAL
Limit : FCC PART-15C (1G-PK)	
Env. / Ins. : E7405A 26°C/49%	Engineer : Jarwei Wang
EUT : Wireless Cardbus Adapter	
Power Rating : 120Vac/60Hz M/N:SMC2536W-AG2	
Test Mode : TX5280	

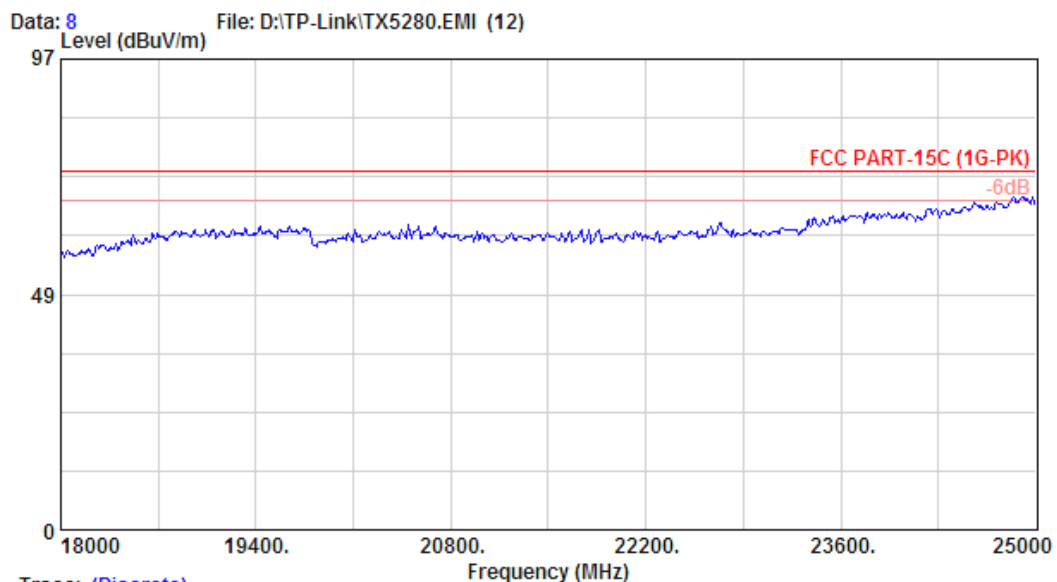


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Trace: (Discrete)

Site no. : site	Data no. : 7
Dis. / Ant. : 3m 3116	Ant. pol. : HORIZONTAL
Limit : FCC PART-15C (1G-PK)	
Env. / Ins. : E7405A 26°C/49%	Engineer : Jarwei Wang
EUT : Wireless Cardbus Adapter	
Power Rating : 120Vac/60Hz M/N:SMC2536W-AG2	
Test Mode : TX5280	

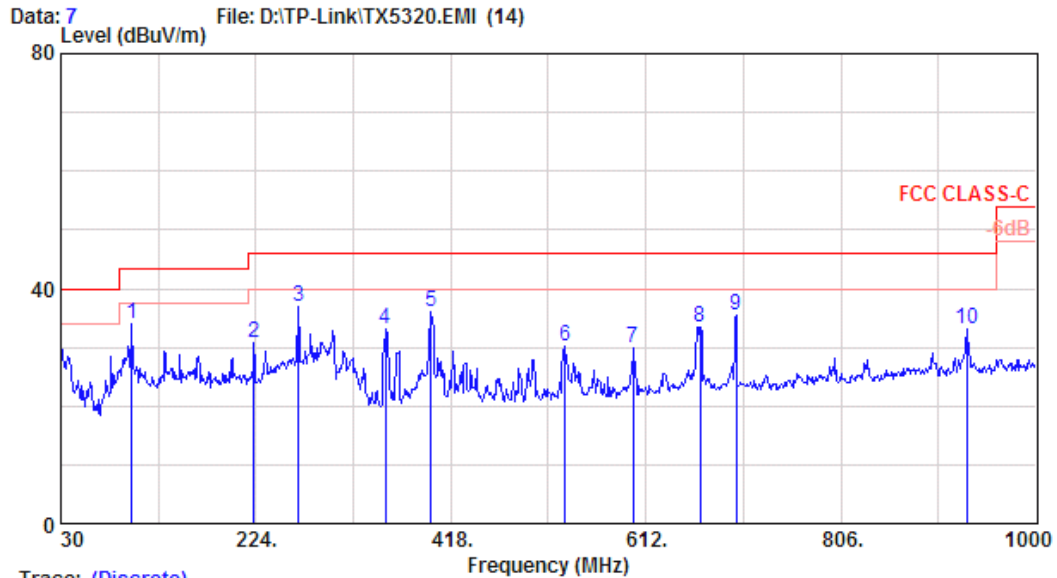


Trace: (Discrete)

Site no. : site	Data no. : 8
Dis. / Ant. : 3m 3116	Ant. pol. : VERTICAL
Limit : FCC PART-15C (1G-PK)	
Env. / Ins. : E7405A 26°C/49%	Engineer : Jarwei Wang
EUT : Wireless Cardbus Adapter	
Power Rating : 120Vac/60Hz M/N:SMC2536W-AG2	
Test Mode : TX5280	

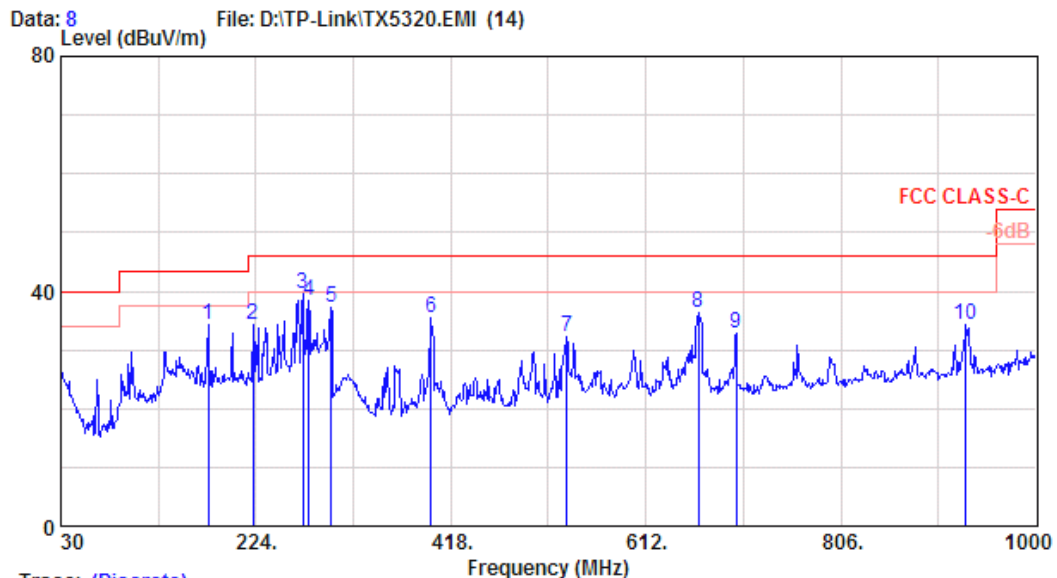


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Trace: (Discrete)

Site no. : A/C Chamber	Data no. : 7
Dis. / Ant. : 3m VBA6106A/UHALP9108A	Ant. pol. : HORIZONTAL
Limit : FCC CLASS-C	
Env. / Ins. : E7405A 26°C/49%	Engineer : Jarwei Wang
EUT : Wireless Cardbus Adapter	
Power Rating : 120Vac/60Hz M/N:SMC2536W-AG2	
Test Mode : TX5320MHz	

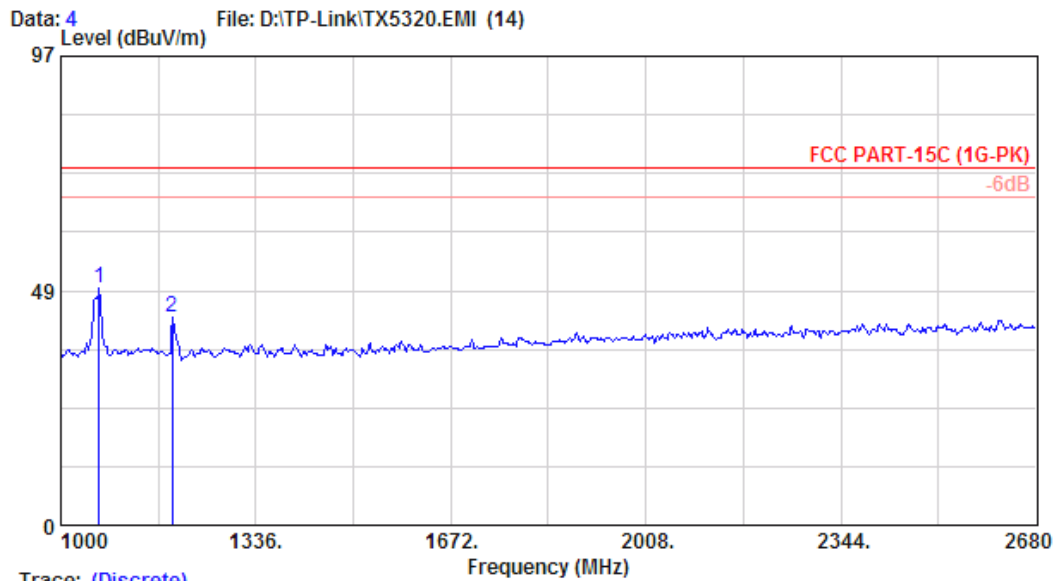


Trace: (Discrete)

Site no. : A/C Chamber	Data no. : 8
Dis. / Ant. : 3m VBA6106A/UHALP9108A	Ant. pol. : VERTICAL
Limit : FCC CLASS-C	
Env. / Ins. : E7405A 26°C/49%	Engineer : Jarwei Wang
EUT : Wireless Cardbus Adapter	
Power Rating : 120Vac/60Hz M/N:SMC2536W-AG2	
Test Mode : TX5320MHz	

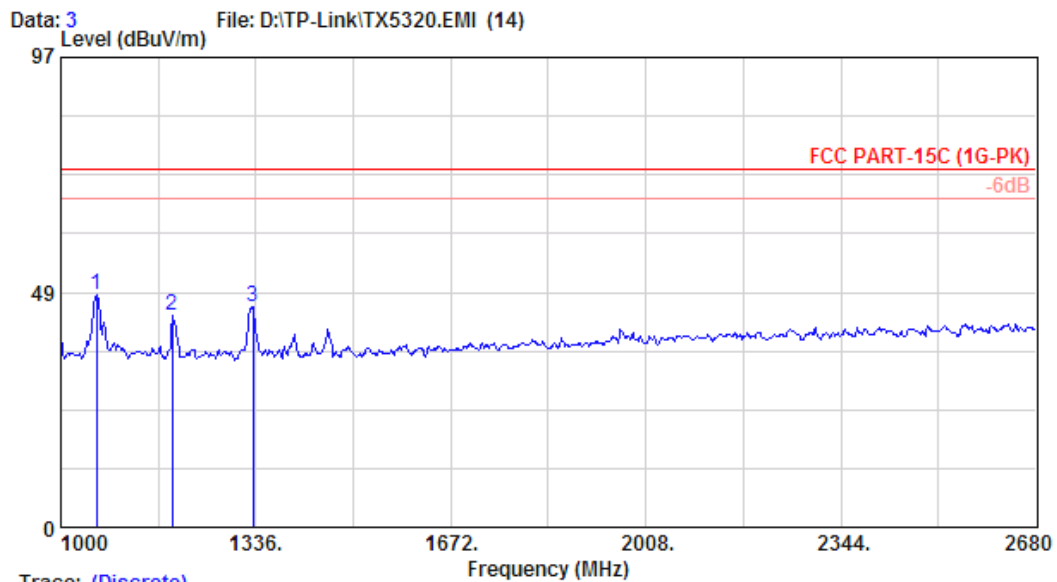


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Trace: (Discrete)

Site no. : A/C Chamber	Data no. : 4
Dis. / Ant. : 3m 3115	Ant. pol. : HORIZONTAL
Limit : FCC PART-15C (1G-PK)	
Env. / Ins. : E7405A 26°C/49%	Engineer : Jarwei Wang
EUT : Wireless Cardbus Adapter	
Power Rating : 120Vac/60Hz M/N:SMC2536W-AG2	
Test Mode : TX5320MHz	

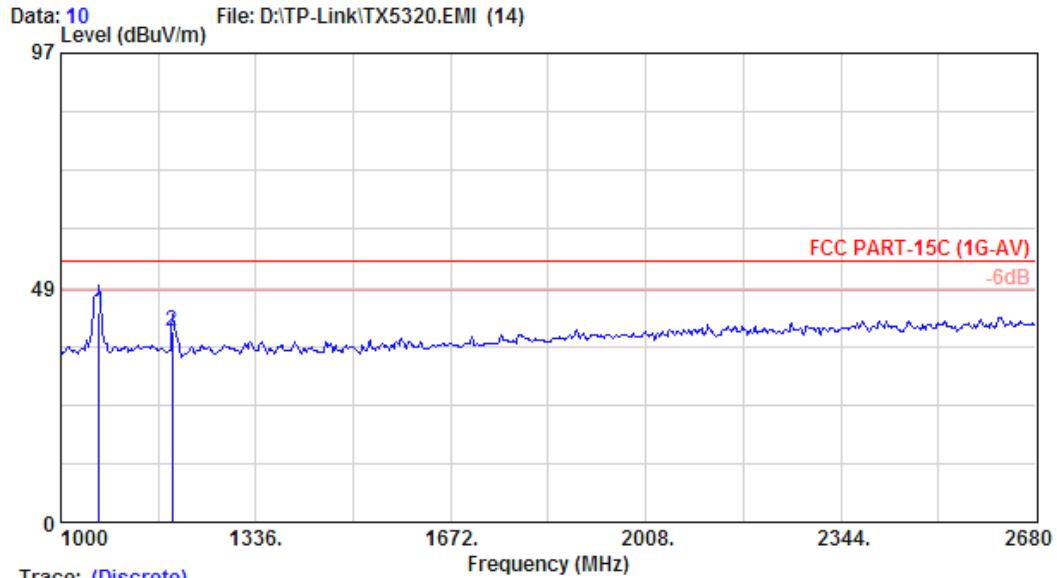


Trace: (Discrete)

Site no. : A/C Chamber	Data no. : 3
Dis. / Ant. : 3m 3115	Ant. pol. : VERTICAL
Limit : FCC PART-15C (1G-PK)	
Env. / Ins. : E7405A 26°C/49%	Engineer : Jarwei Wang
EUT : Wireless Cardbus Adapter	
Power Rating : 120Vac/60Hz M/N:SMC2536W-AG2	
Test Mode : TX5320MHz	

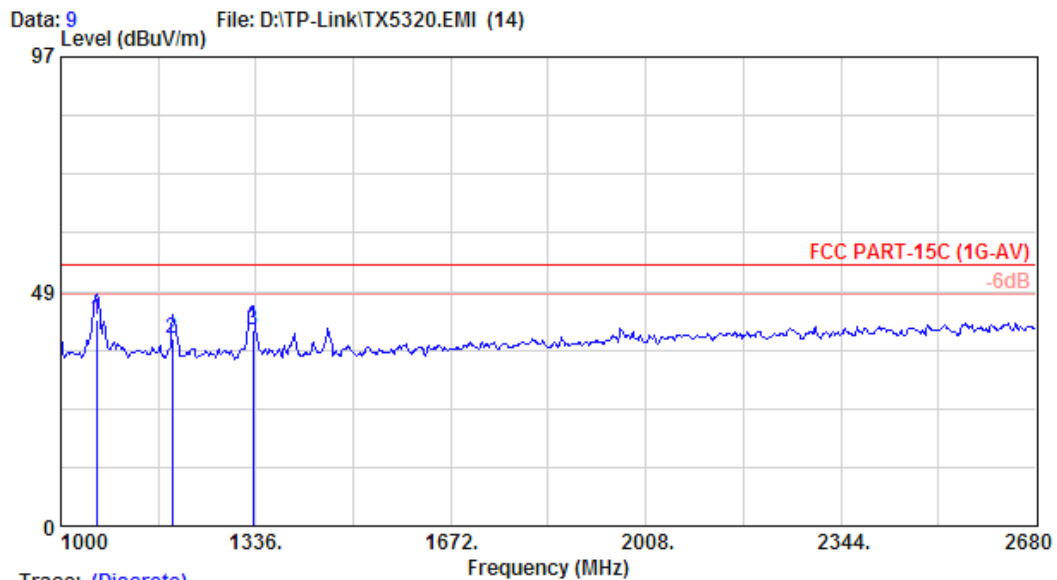


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Trace: (Discrete)

Site no. : A/C Chamber	Data no. : 10
Dis. / Ant. : 3m 3115	Ant. pol. : HORIZONTAL
Limit : FCC PART-15C (1G-AV)	
Env. / Ins. : E7405A 26°C/49%	Engineer : Jarwei Wang
EUT : Wireless Cardbus Adapter	
Power Rating : 120Vac/60Hz M/N:SMC2536W-AG2	
Test Mode : TX5320MHz	

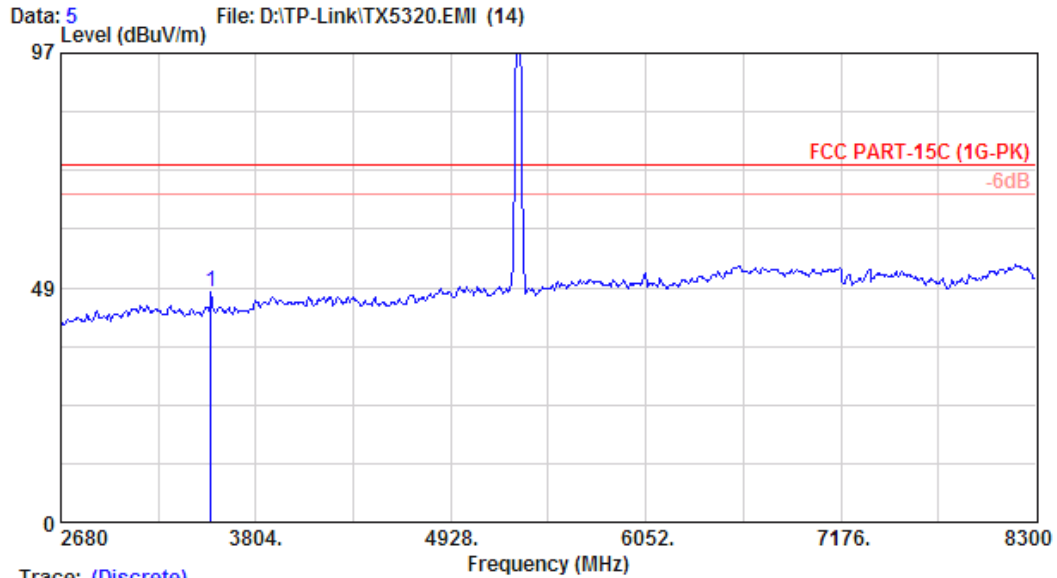


Trace: (Discrete)

Site no. : A/C Chamber	Data no. : 9
Dis. / Ant. : 3m 3115	Ant. pol. : VERTICAL
Limit : FCC PART-15C (1G-AV)	
Env. / Ins. : E7405A 26°C/49%	Engineer : Jarwei Wang
EUT : Wireless Cardbus Adapter	
Power Rating : 120Vac/60Hz M/N:SMC2536W-AG2	
Test Mode : TX5320MHz	

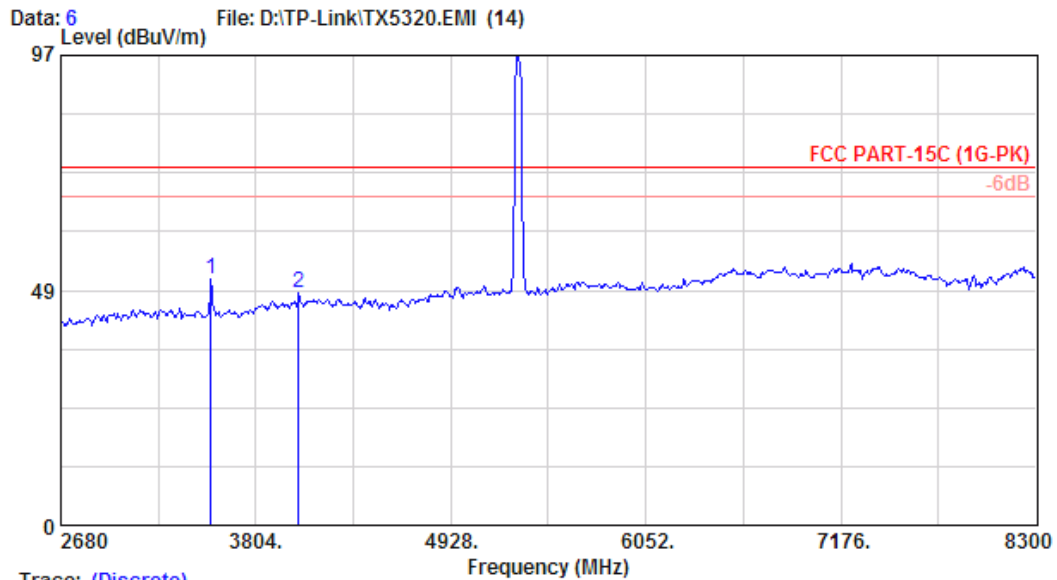


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Trace: (Discrete)

Site no. : A/C Chamber	Data no. : 5
Dis. / Ant. : 3m 3115	Ant. pol. : HORIZONTAL
Limit : FCC PART-15C (1G-PK)	
Env. / Ins. : E7405A 26°C/49%	Engineer : Jarwei Wang
EUT : Wireless Cardbus Adapter	
Power Rating : 120Vac/60Hz M/N:SMC2536W-AG2	
Test Mode : TX5320MHz	

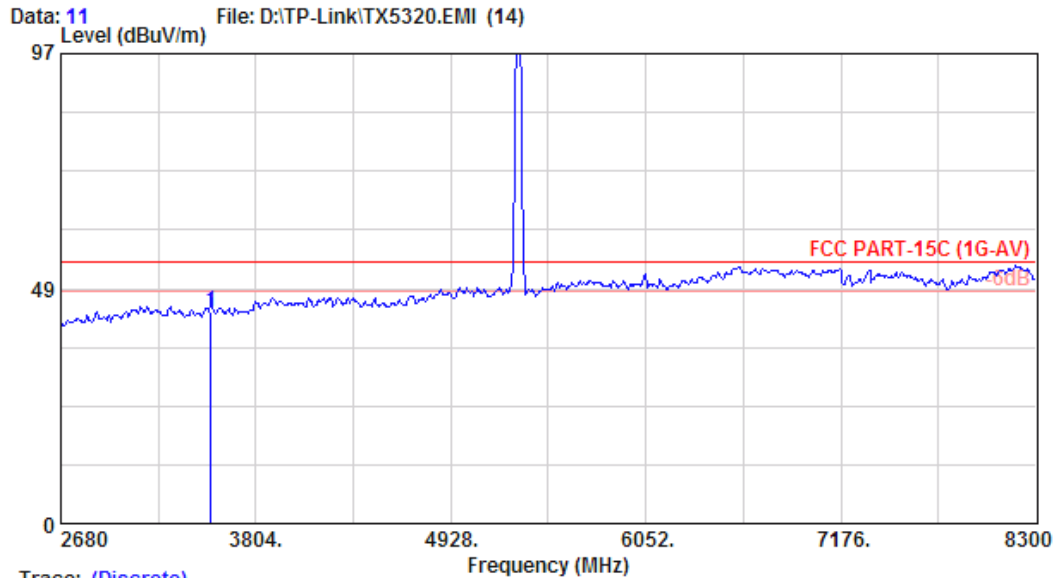


Trace: (Discrete)

Site no. : A/C Chamber	Data no. : 6
Dis. / Ant. : 3m 3115	Ant. pol. : VERTICAL
Limit : FCC PART-15C (1G-PK)	
Env. / Ins. : E7405A 26°C/49%	Engineer : Jarwei Wang
EUT : Wireless Cardbus Adapter	
Power Rating : 120Vac/60Hz M/N:SMC2536W-AG2	
Test Mode : TX5320MHz	

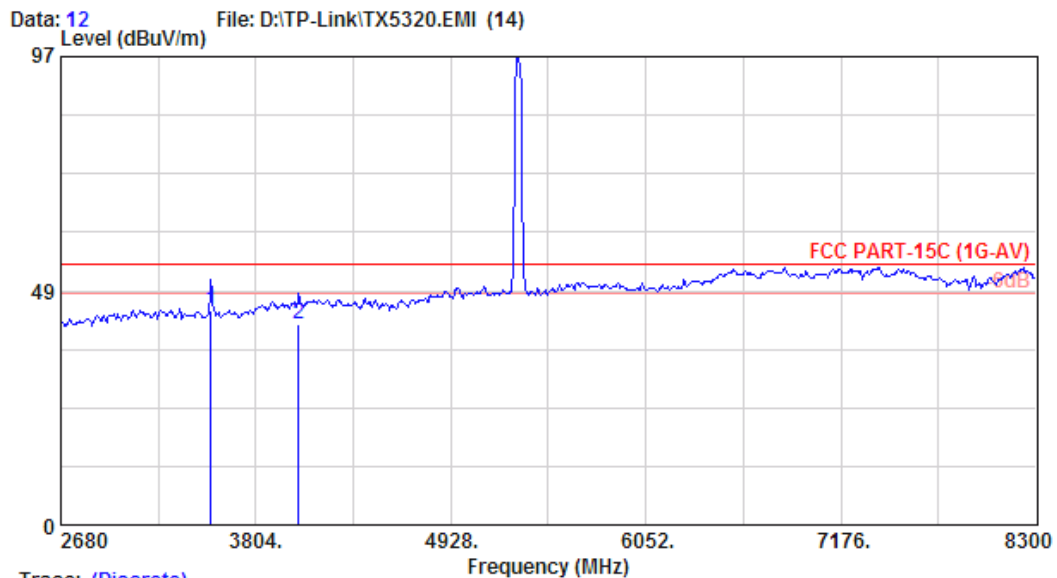


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 Email:ttemc@ttemc.



Trace: (Discrete)

Site no. : A/C Chamber	Data no. : 11
Dis. / Ant. : 3m 3115	Ant. pol. : HORIZONTAL
Limit : FCC PART-15C (1G-AV)	
Env. / Ins. : E7405A 26°C/49%	Engineer : Jarwei Wang
EUT : Wireless Cardbus Adapter	
Power Rating : 120Vac/60Hz M/N:SMC2536W-AG2	
Test Mode : TX5320MHz	

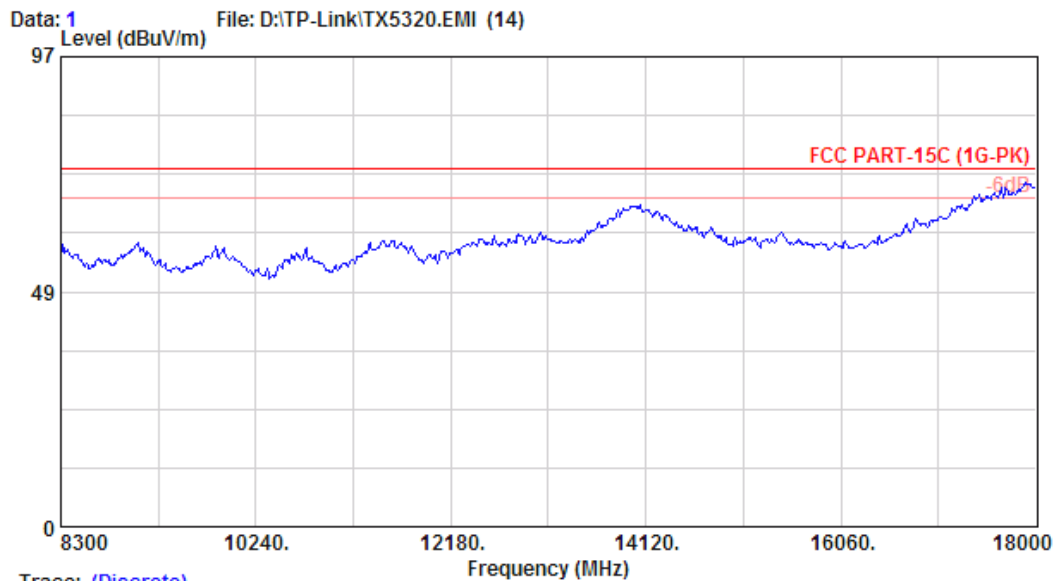


Trace: (Discrete)

Site no. : A/C Chamber	Data no. : 12
Dis. / Ant. : 3m 3115	Ant. pol. : VERTICAL
Limit : FCC PART-15C (1G-AV)	
Env. / Ins. : E7405A 26°C/49%	Engineer : Jarwei Wang
EUT : Wireless Cardbus Adapter	
Power Rating : 120Vac/60Hz M/N:SMC2536W-AG2	
Test Mode : TX5320MHz	

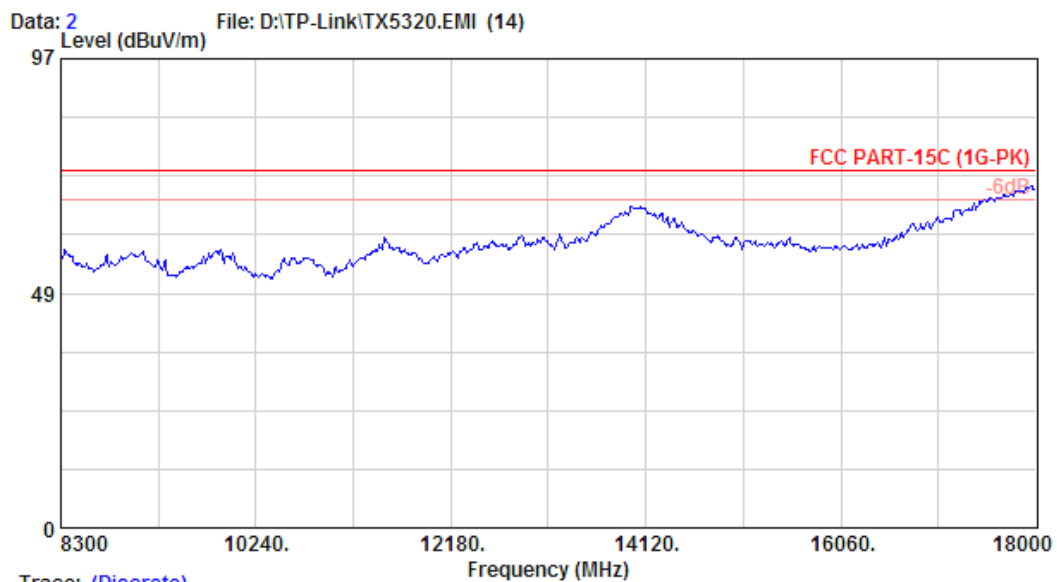


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 Email:ttemc@ttemc.



Trace: (Discrete)

Site no. : A/C Chamber	Data no. : 1
Dis. / Ant. : 3m 3115	Ant. pol. : HORIZONTAL
Limit : FCC PART-15C (1G-PK)	
Env. / Ins. : E7405A 26°C/49%	Engineer : Jarwei Wang
EUT : Wireless Cardbus Adapter	
Power Rating : 120Vac/60Hz M/N:SMC2536W-AG2	
Test Mode : TX5320MHz	



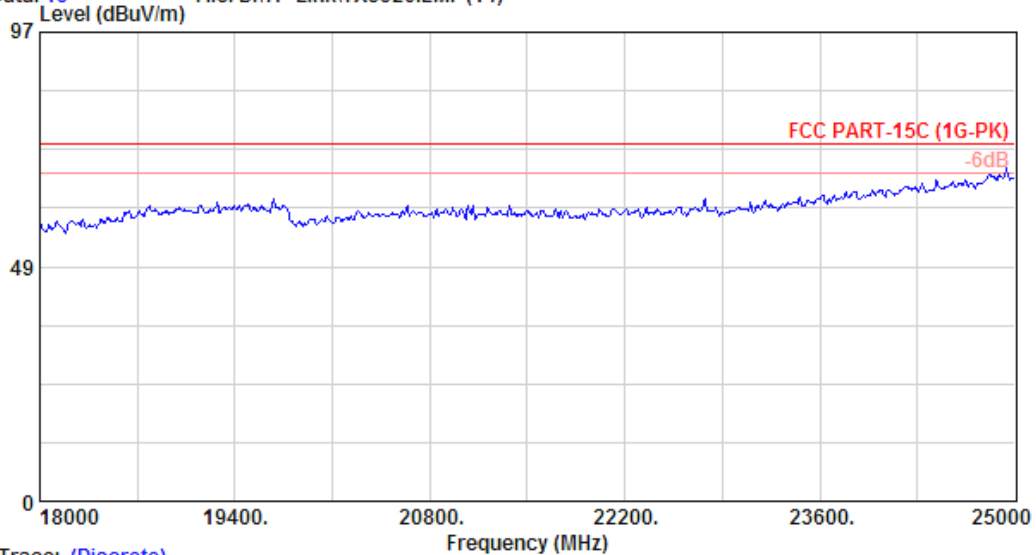
Trace: (Discrete)

Site no. : A/C Chamber	Data no. : 2
Dis. / Ant. : 3m 3115	Ant. pol. : VERTICAL
Limit : FCC PART-15C (1G-PK)	
Env. / Ins. : E7405A 26°C/49%	Engineer : Jarwei Wang
EUT : Wireless Cardbus Adapter	
Power Rating : 120Vac/60Hz M/N:SMC2536W-AG2	
Test Mode : TX5320MHz	



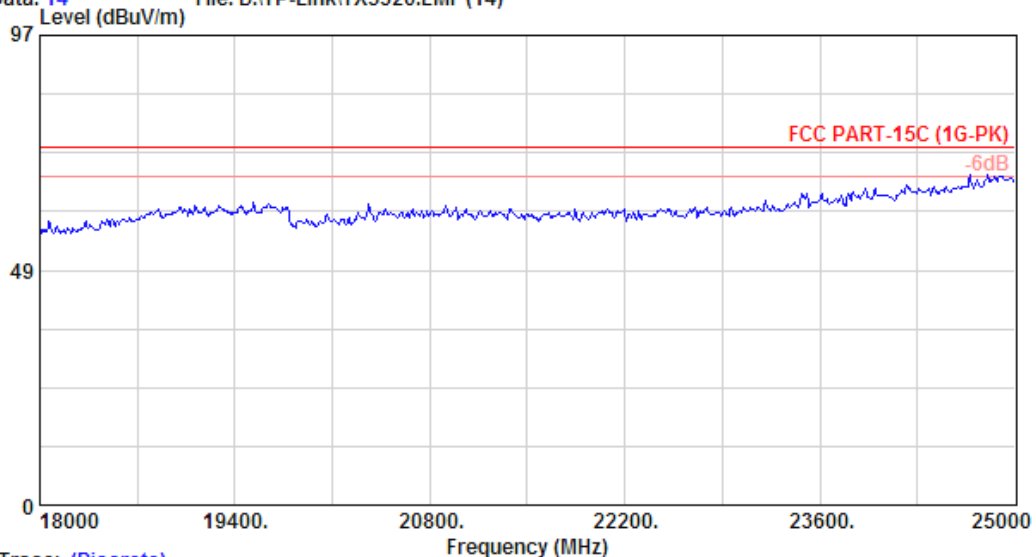
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Data: 13 File: D:\TP-Link\TX5320.EMI (14)



Trace: (Discrete)
 Site no. : site Data no. : 13
 Dis. / Ant. : 3m 3116 Ant. pol. : HORIZONTAL
 Limit : FCC PART-15C (1G-PK)
 Env. / Ins. : E7405A 26°C/49% Engineer : Jarwei Wang
 EUT : Wireless Cardbus Adapter
 Power Rating : 120Vac/60Hz M/N:SMC2536W-AG2
 Test Mode : TX5320MHz

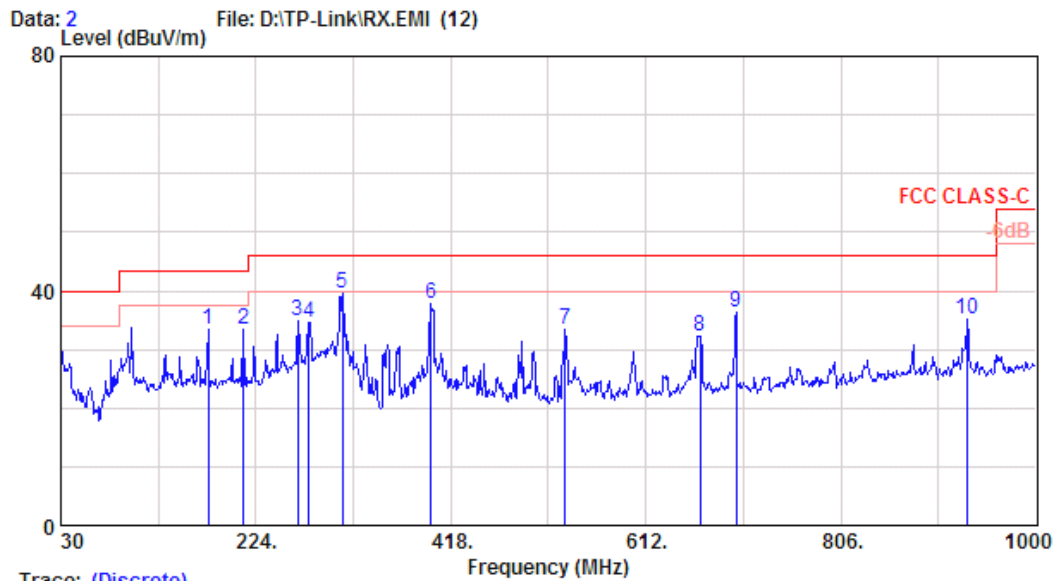
Data: 14 File: D:\TP-Link\TX5320.EMI (14)



Trace: (Discrete)
 Site no. : site Data no. : 14
 Dis. / Ant. : 3m 3116 Ant. pol. : VERTICAL
 Limit : FCC PART-15C (1G-PK)
 Env. / Ins. : E7405A 26°C/49% Engineer : Jarwei Wang
 EUT : Wireless Cardbus Adapter
 Power Rating : 120Vac/60Hz M/N:SMC2536W-AG2
 Test Mode : TX5320MHz

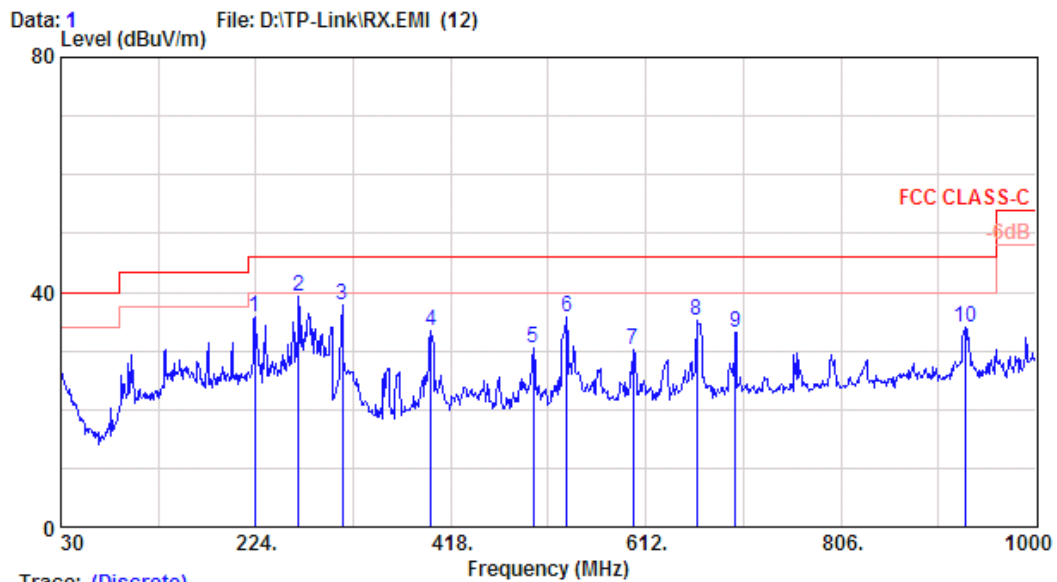


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Trace: (Discrete)

Site no. : A/C Chamber	Data no. : 2
Dis. / Ant. : 3m VBA6106A/UHALP9108A	Ant. pol. : HORIZONTAL
Limit : FCC CLASS-C	
Env. / Ins. : E7405A 26°C/49%	Engineer : Jarwei Wang
EUT : Wireless Cardbus Adapter	
Power Rating : 120Vac/60Hz M/N:SMC2536W-AG2	
Test Mode : RX5200	

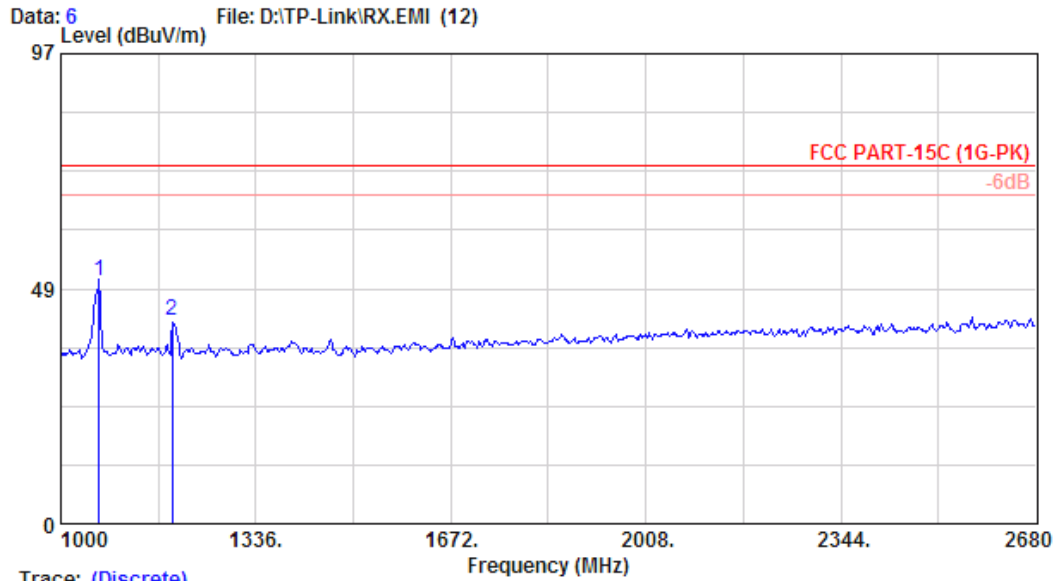


Trace: (Discrete)

Site no. : A/C Chamber	Data no. : 1
Dis. / Ant. : 3m VBA6106A/UHALP9108A	Ant. pol. : VERTICAL
Limit : FCC CLASS-C	
Env. / Ins. : E7405A 26°C/49%	Engineer : Jarwei Wang
EUT : Wireless Cardbus Adapter	
Power Rating : 120Vac/60Hz M/N:SMC2536W-AG2	
Test Mode : RX5200	

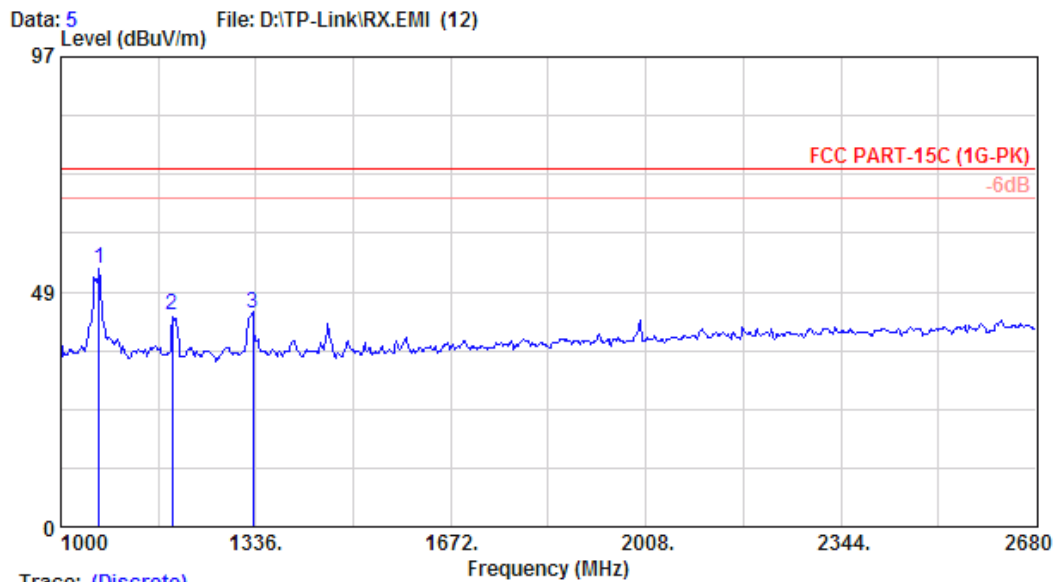


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Trace: (Discrete)

Site no.	: A/C Chamber	Data no.	: 6
Dis. / Ant.	: 3m 3115	Ant. pol.	: HORIZONTAL
Limit	: FCC PART-15C (1G-PK)		
Env. / Ins.	: E7405A 26°C/49%	Engineer	: Jarwei Wang
EUT	: Wireless Cardbus Adapter		
Power Rating	: 120Vac/60Hz M/N:SMC2536W-AG2		
Test Mode	: RX5200		

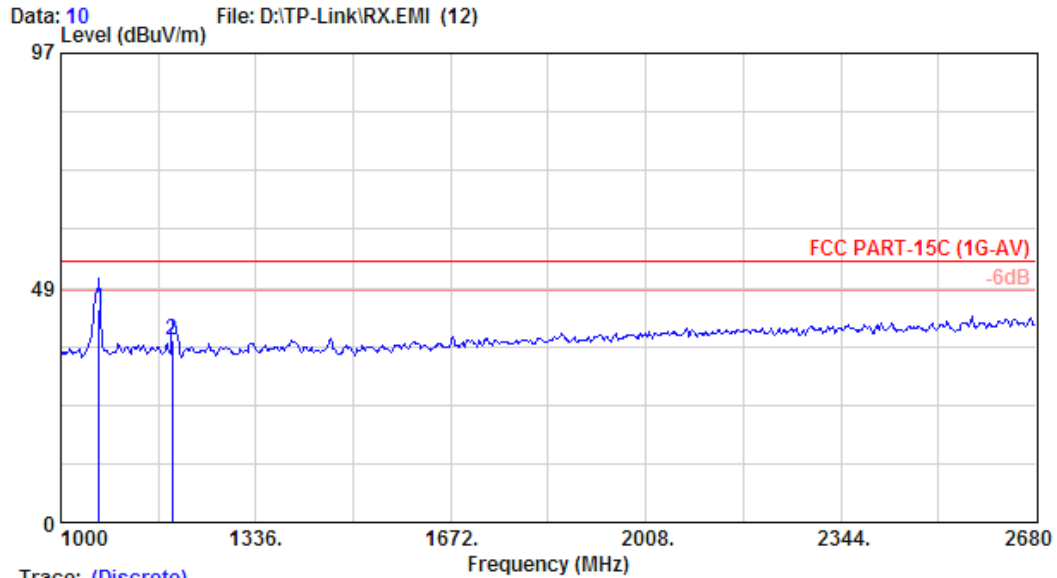


Trace: (Discrete)

Site no.	: A/C Chamber	Data no.	: 5
Dis. / Ant.	: 3m 3115	Ant. pol.	: VERTICAL
Limit	: FCC PART-15C (1G-PK)		
Env. / Ins.	: E7405A 26°C/49%	Engineer	: Jarwei Wang
EUT	: Wireless Cardbus Adapter		
Power Rating	: 120Vac/60Hz M/N:SMC2536W-AG2		
Test Mode	: RX5200		

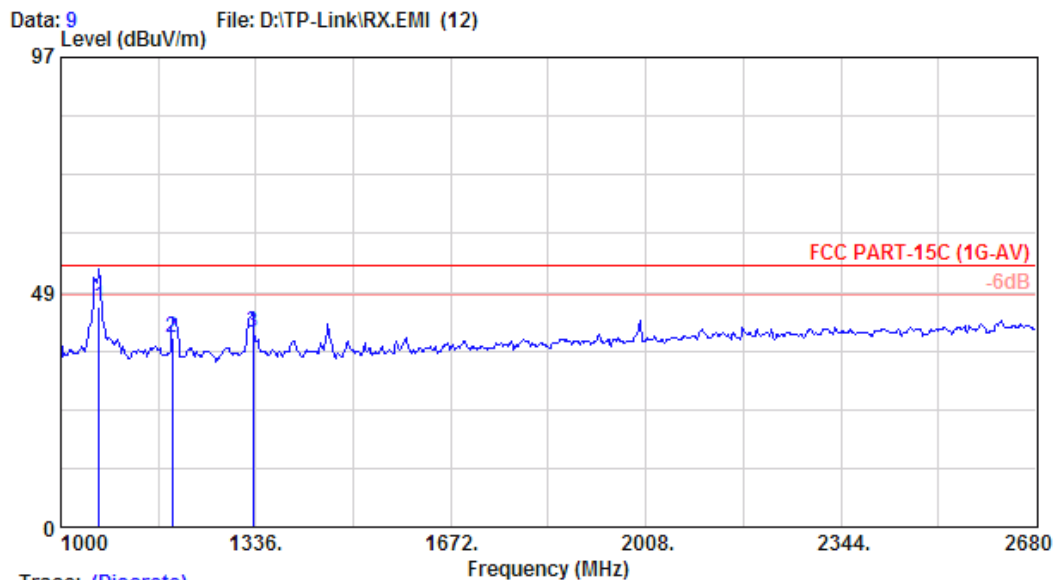


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Trace: (Discrete)

Site no. : A/C Chamber	Data no. : 10
Dis. / Ant. : 3m 3115	Ant. pol. : HORIZONTAL
Limit : FCC PART-15C (1G-AV)	
Env. / Ins. : E7405A 26°C/49%	Engineer : Jarwei Wang
EUT : Wireless Cardbus Adapter	
Power Rating : 120Vac/60Hz M/N:SMC2536W-AG2	
Test Mode : RX5200	

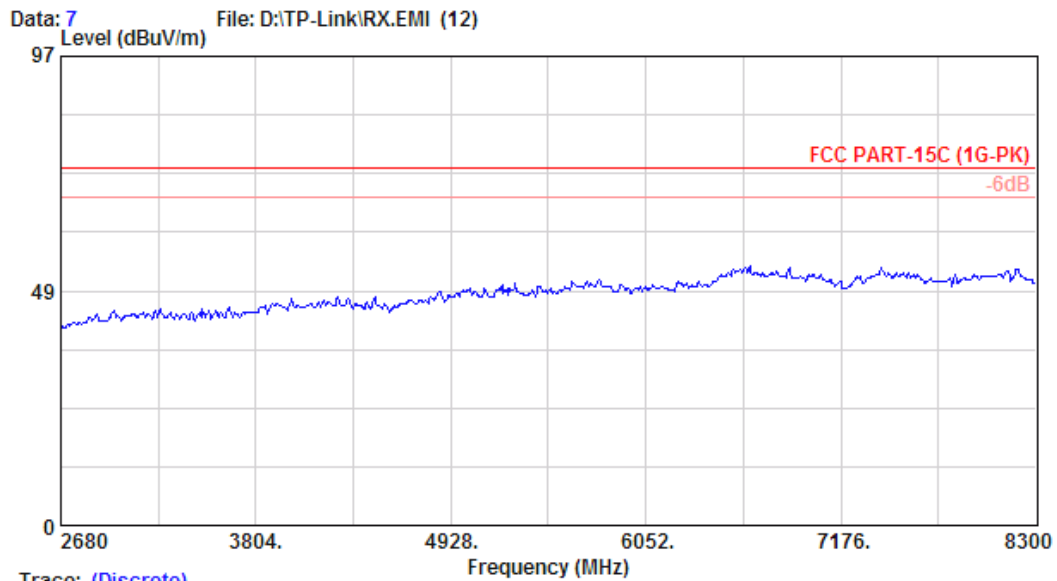


Trace: (Discrete)

Site no. : A/C Chamber	Data no. : 9
Dis. / Ant. : 3m 3115	Ant. pol. : VERTICAL
Limit : FCC PART-15C (1G-AV)	
Env. / Ins. : E7405A 26°C/49%	Engineer : Jarwei Wang
EUT : Wireless Cardbus Adapter	
Power Rating : 120Vac/60Hz M/N:SMC2536W-AG2	
Test Mode : RX5200	

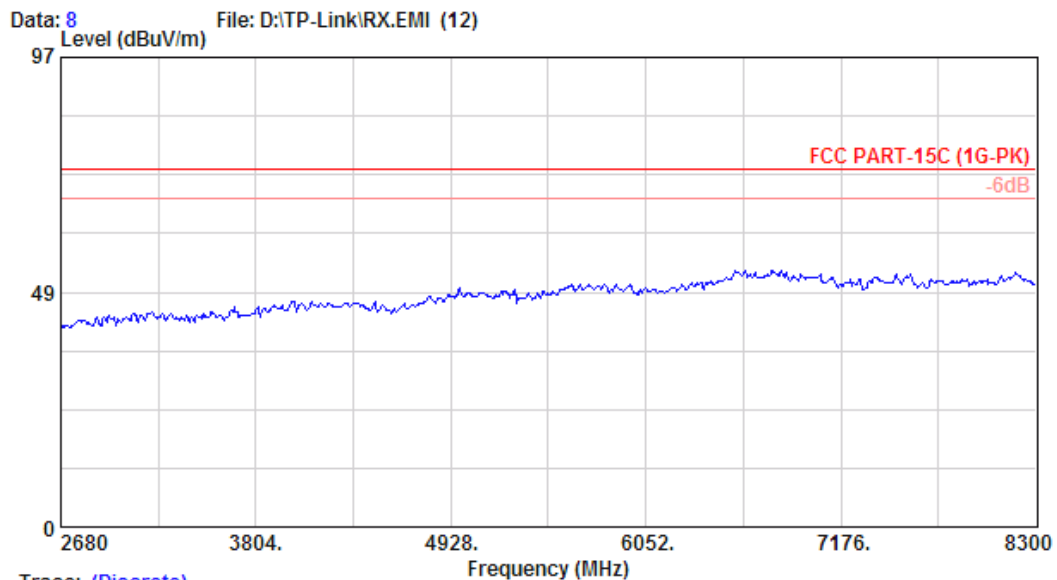


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Trace: (Discrete)

Site no. : A/C Chamber	Data no. : 7
Dis. / Ant. : 3m 3115	Ant. pol. : HORIZONTAL
Limit : FCC PART-15C (1G-PK)	
Env. / Ins. : E7405A 26°C/49%	Engineer : Jarwei Wang
EUT : Wireless Cardbus Adapter	
Power Rating : 120Vac/60Hz M/N:SMC2536W-AG2	
Test Mode : RX5200	

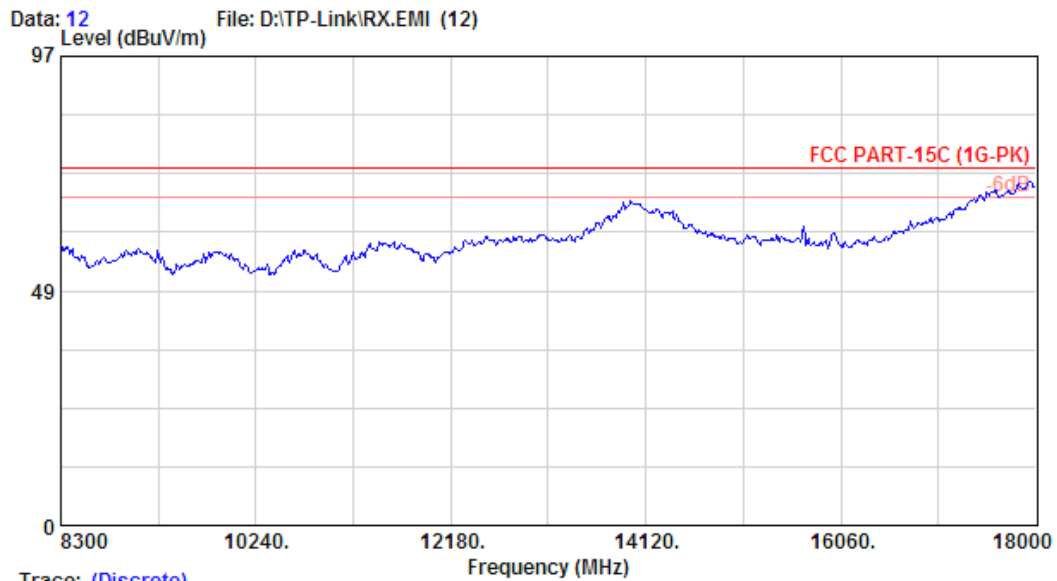


Trace: (Discrete)

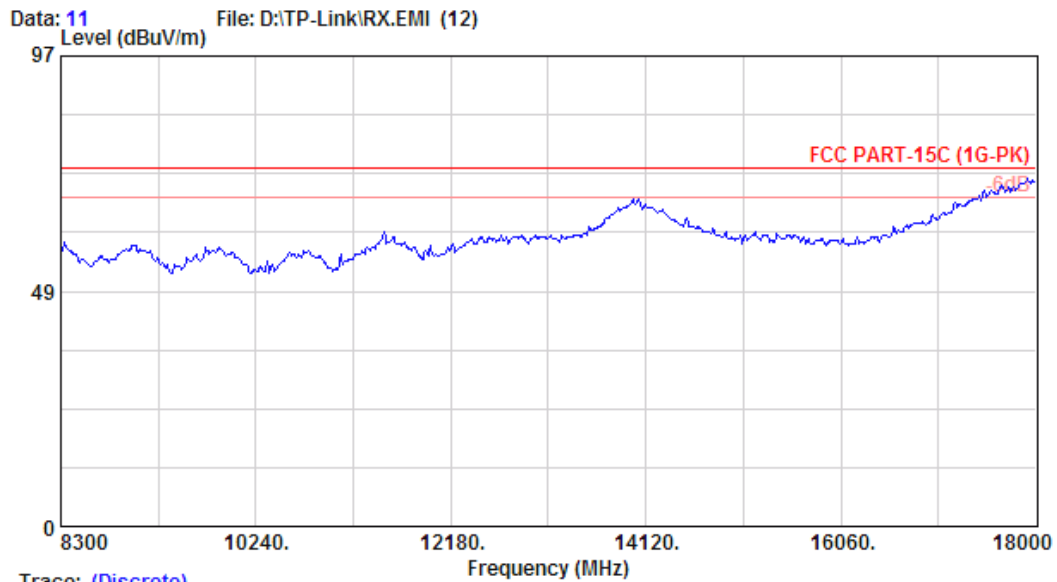
Site no. : A/C Chamber	Data no. : 8
Dis. / Ant. : 3m 3115	Ant. pol. : VERTICAL
Limit : FCC PART-15C (1G-PK)	
Env. / Ins. : E7405A 26°C/49%	Engineer : Jarwei Wang
EUT : Wireless Cardbus Adapter	
Power Rating : 120Vac/60Hz M/N:SMC2536W-AG2	
Test Mode : RX5200	



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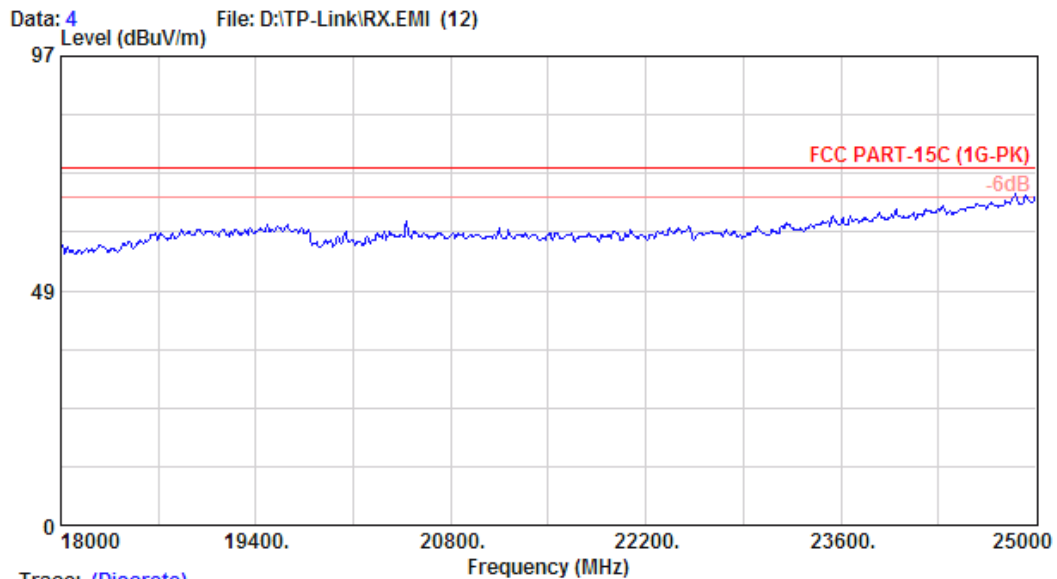
Site no.	: A/C Chamber	Data no.	: 12
Dis. / Ant.	: 3m 3115	Ant. pol.	: HORIZONTAL
Limit	: FCC PART-15C (1G-PK)		
Env. / Ins.	: E7405A 26°C/49%	Engineer	: Jarwei Wang
EUT	: Wireless Cardbus Adapter		
Power Rating	: 120Vac/60Hz M/N:SMC2536W-AG2		
Test Mode	: RX5200		



Site no.	: A/C Chamber	Data no.	: 11
Dis. / Ant.	: 3m 3115	Ant. pol.	: VERTICAL
Limit	: FCC PART-15C (1G-PK)		
Env. / Ins.	: E7405A 26°C/49%	Engineer	: Jarwei Wang
EUT	: Wireless Cardbus Adapter		
Power Rating	: 120Vac/60Hz M/N:SMC2536W-AG2		
Test Mode	: RX5200		

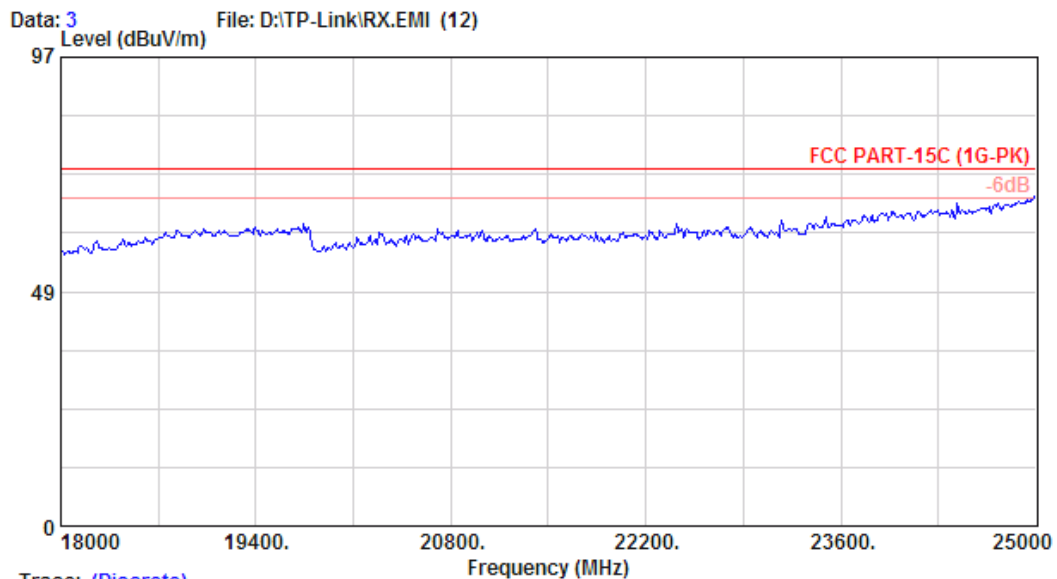


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Trace: (Discrete)

Site no. : site	Data no. : 4
Dis. / Ant. : 3m 3116	Ant. pol. : HORIZONTAL
Limit : FCC PART-15C (1G-PK)	
Env. / Ins. : E7405A 26*C/49%	Engineer : Jarwei Wang
EUT : Wireless Cardbus Adapter	
Power Rating : 120Vac/60Hz M/N:SMC2536W-AG2	
Test Mode : RX5200	

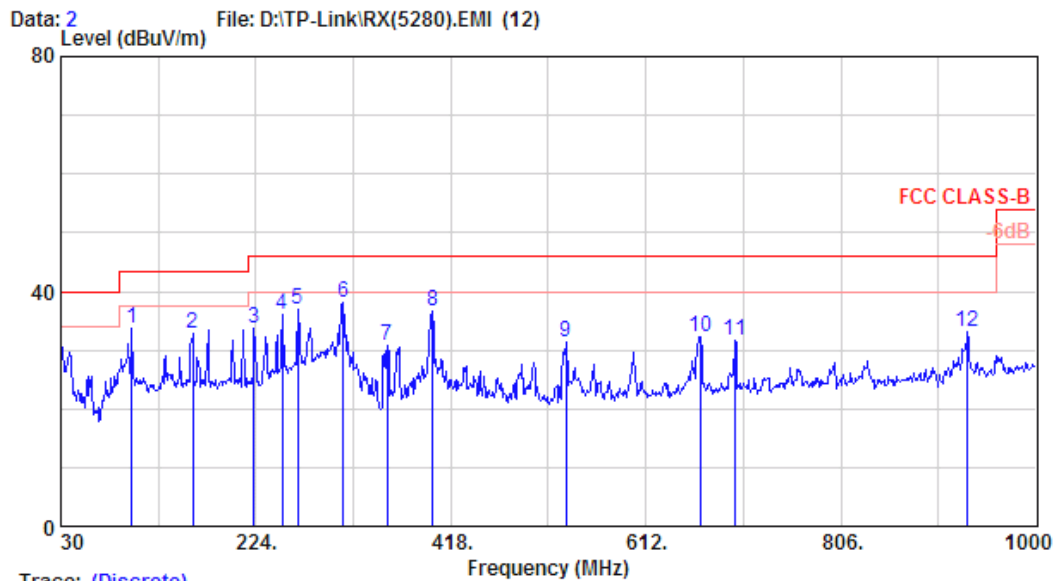


Trace: (Discrete)

Site no. : site	Data no. : 3
Dis. / Ant. : 3m 3116	Ant. pol. : VERTICAL
Limit : FCC PART-15C (1G-PK)	
Env. / Ins. : E7405A 26*C/49%	Engineer : Jarwei Wang
EUT : Wireless Cardbus Adapter	
Power Rating : 120Vac/60Hz M/N:SMC2536W-AG2	
Test Mode : RX5200	

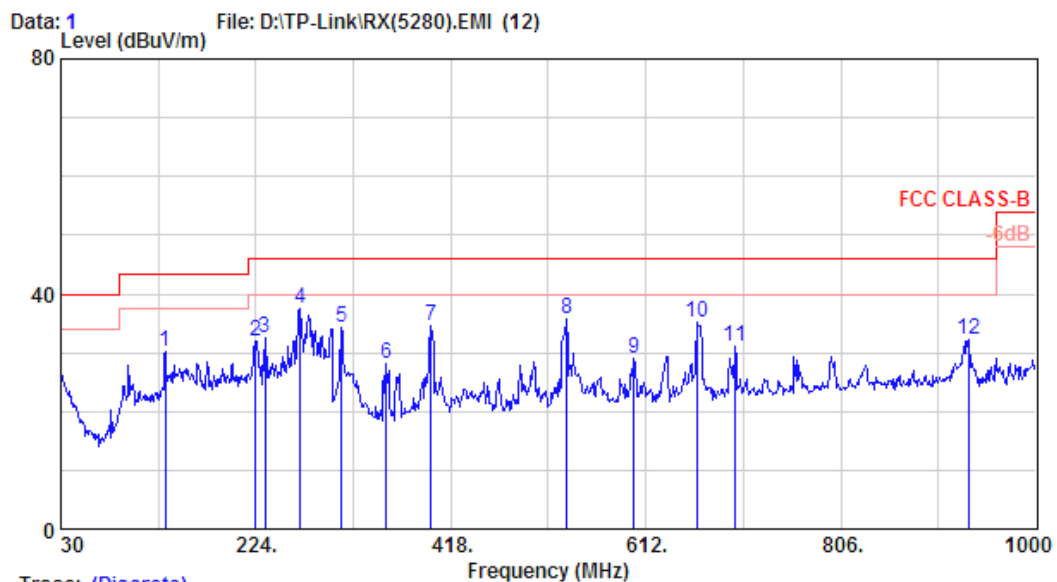


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 Email:ttemc@ttemc.



Trace: (Discrete)

Site no. : A/C Chamber	Data no. : 2
Dis. / Ant. : 3m VBA6106A/UHALP9108A	Ant. pol. : HORIZONTAL
Limit : FCC CLASS-B	
Env. / Ins. : E7405A 26°C/49%	Engineer : Jarwei Wang
EUT : Wireless Carbus Adapter	
Power Rating : 120Vac/60Hz M/NSMC2536W-AG2	
Test Mode : RX5280	

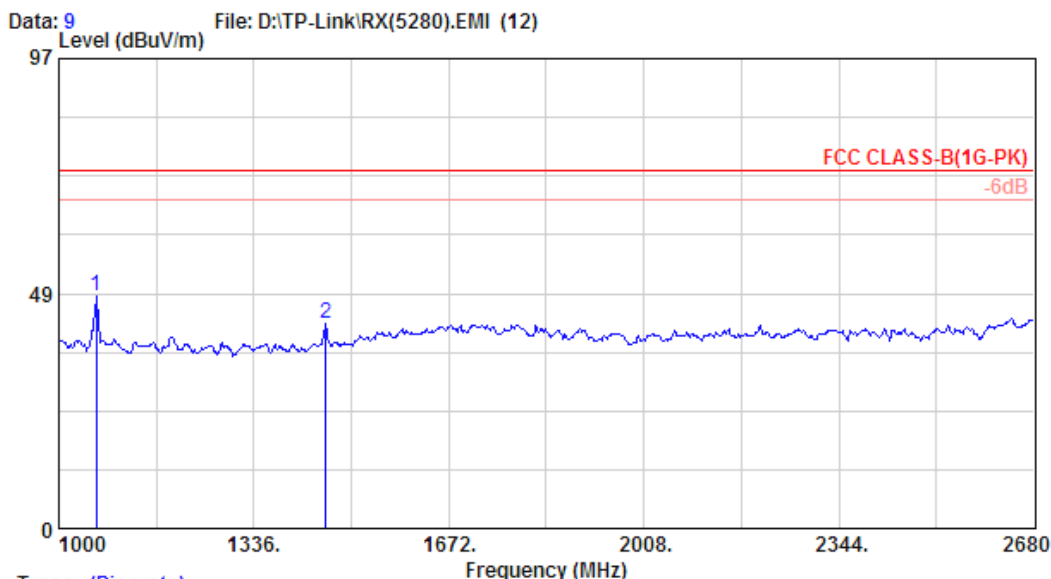


Trace: (Discrete)

Site no. : A/C Chamber	Data no. : 1
Dis. / Ant. : 3m VBA6106A/UHALP9108A	Ant. pol. : VERTICAL
Limit : FCC CLASS-B	
Env. / Ins. : E7405A 26°C/49%	Engineer : Jarwei Wang
EUT : Wireless Carbus Adapter	
Power Rating : 120Vac/60Hz M/NSMC2536W-AG2	
Test Mode : RX5280	

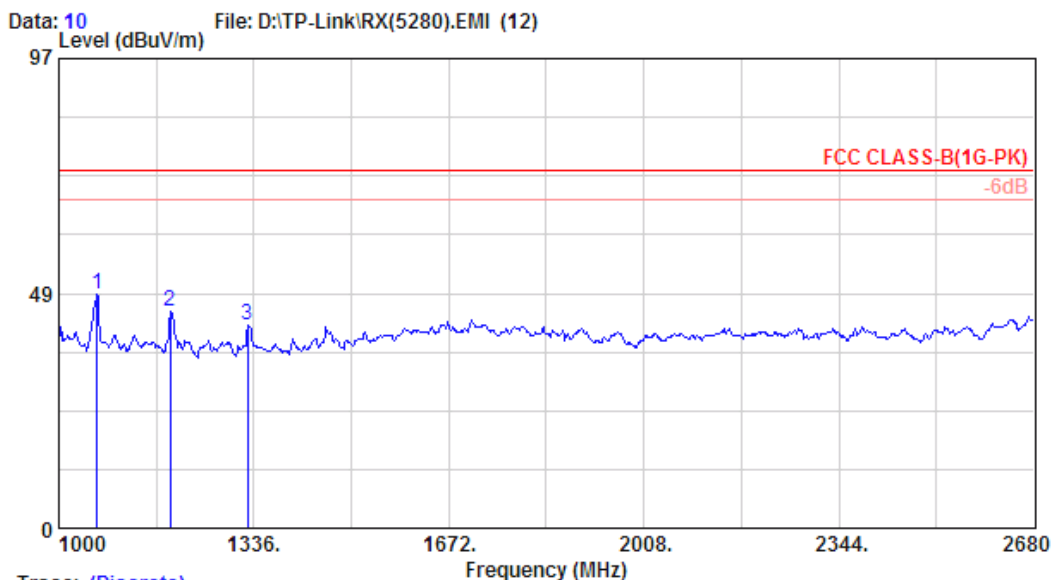


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Trace: (Discrete)

Site no. : A/C Chamber	Data no. : 9
Dis. / Ant. : 3m 3115	Ant. pol. : HORIZONTAL
Limit : FCC CLASS-B(1G-PK)	
Env. / Ins. : E7405A 26°C/49%	Engineer : Jarwei Wang
EUT : Wireless Carbus Adapter	
Power Rating : 120Vac/60Hz M/NSMC2536W-AG2	
Test Mode : RX5280	



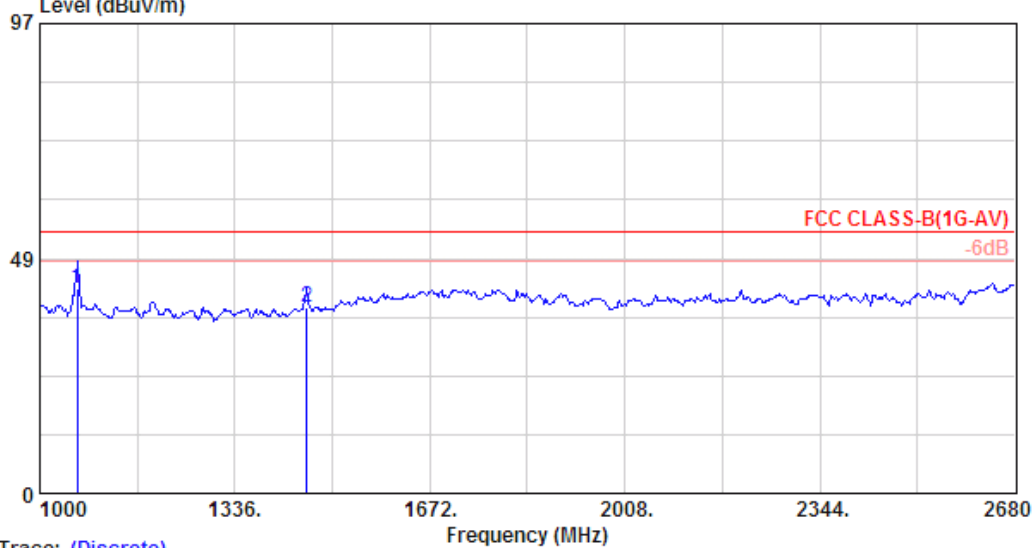
Trace: (Discrete)

Site no. : A/C Chamber	Data no. : 10
Dis. / Ant. : 3m 3115	Ant. pol. : VERTICAL
Limit : FCC CLASS-B(1G-PK)	
Env. / Ins. : E7405A 26°C/49%	Engineer : Jarwei Wang
EUT : Wireless Carbus Adapter	
Power Rating : 120Vac/60Hz M/NSMC2536W-AG2	
Test Mode : RX5280	



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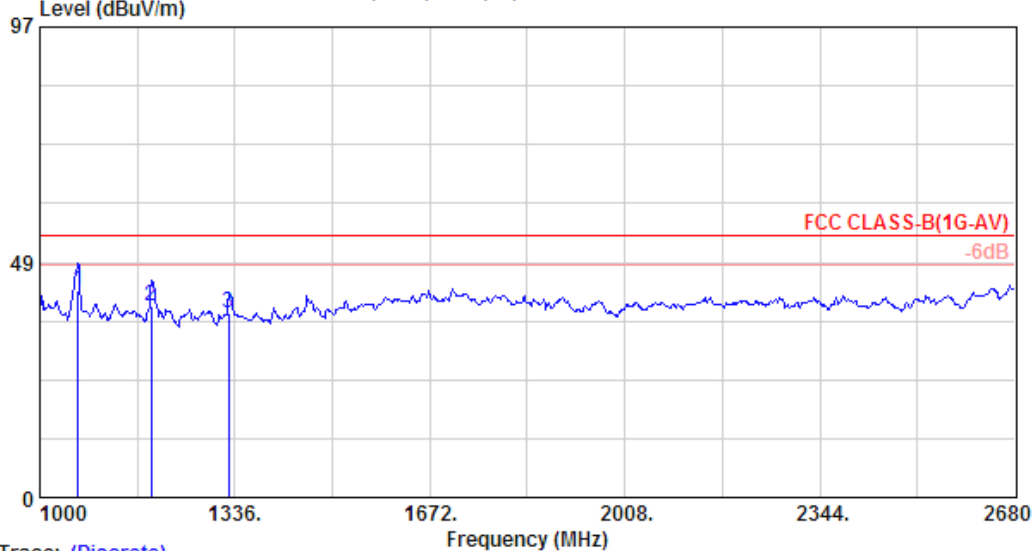
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Trace: (Discrete)

Site no. : A/C Chamber	Data no. : 12
Dis. / Ant. : 3m 3115	Ant. pol. : HORIZONTAL
Limit : FCC CLASS-B(1G-AV)	
Env. / Ins. : E7405A 26°C/49%	Engineer : Jarwei Wang
EUT : Wireless Carbus Adapter	
Power Rating : 120Vac/60Hz M/NSMC2536W-AG2	
Test Mode : RX5280	

Data: 11 File: D:\TP-Link\RX(5280).EMI (12)

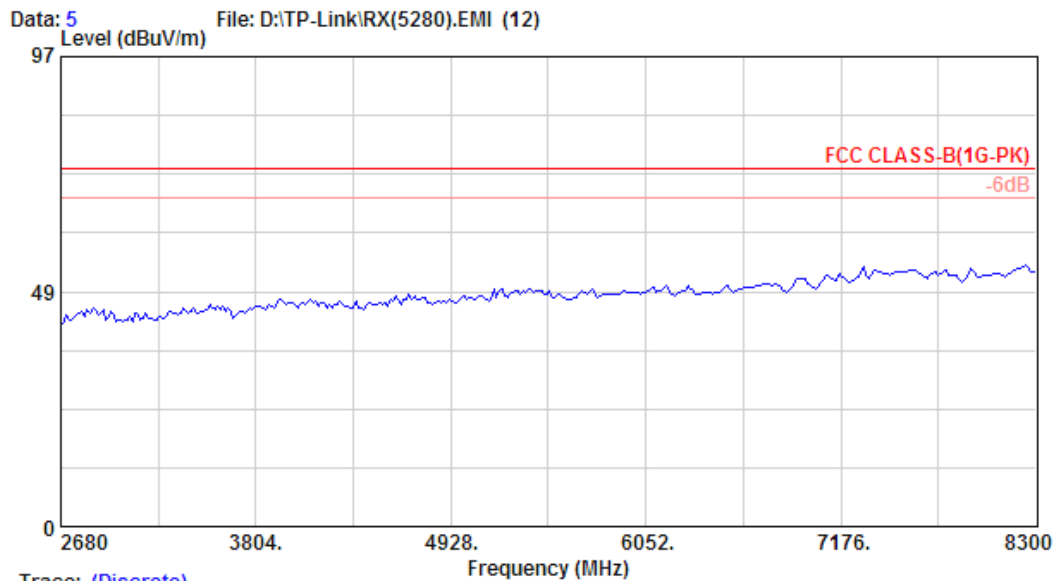


Trace: (Discrete)

Site no. : A/C Chamber	Data no. : 11
Dis. / Ant. : 3m 3115	Ant. pol. : VERTICAL
Limit : FCC CLASS-B(1G-AV)	
Env. / Ins. : E7405A 26°C/49%	Engineer : Jarwei Wang
EUT : Wireless Carbus Adapter	
Power Rating : 120Vac/60Hz M/NSMC2536W-AG2	
Test Mode : RX5280	

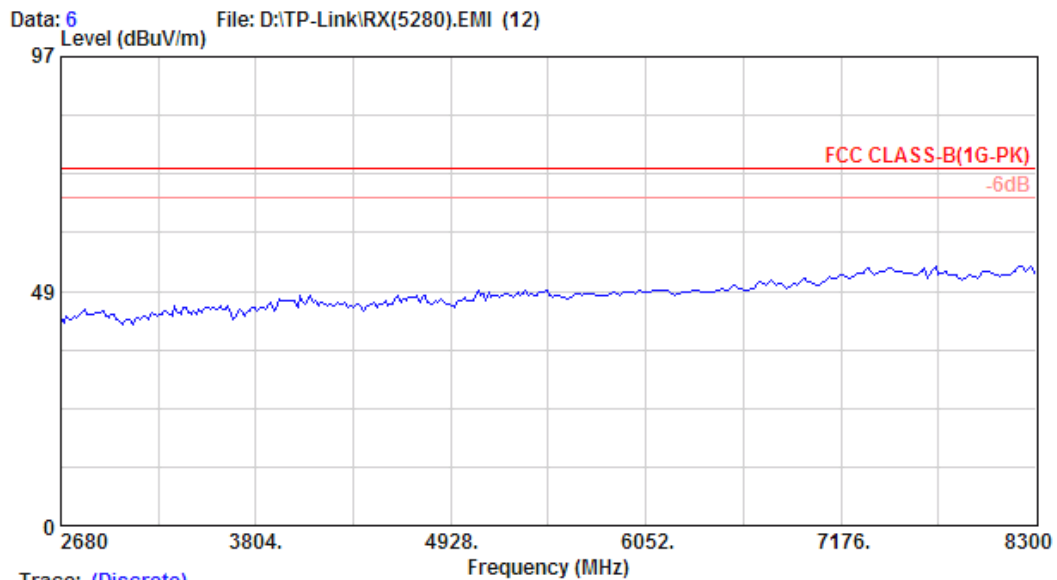


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 Email:ttemc@ttemc.



Trace: (Discrete)

Site no. : A/C Chamber	Data no. : 5
Dis. / Ant. : 3m 3115	Ant. pol. : HORIZONTAL
Limit : FCC CLASS-B(1G-PK)	
Env. / Ins. : E7405A 26°C/49%	Engineer : Jarwei Wang
EUT : Wireless Carbus Adapter	
Power Rating : 120Vac/60Hz M/NSMC2536W-AG2	
Test Mode : RX5280	

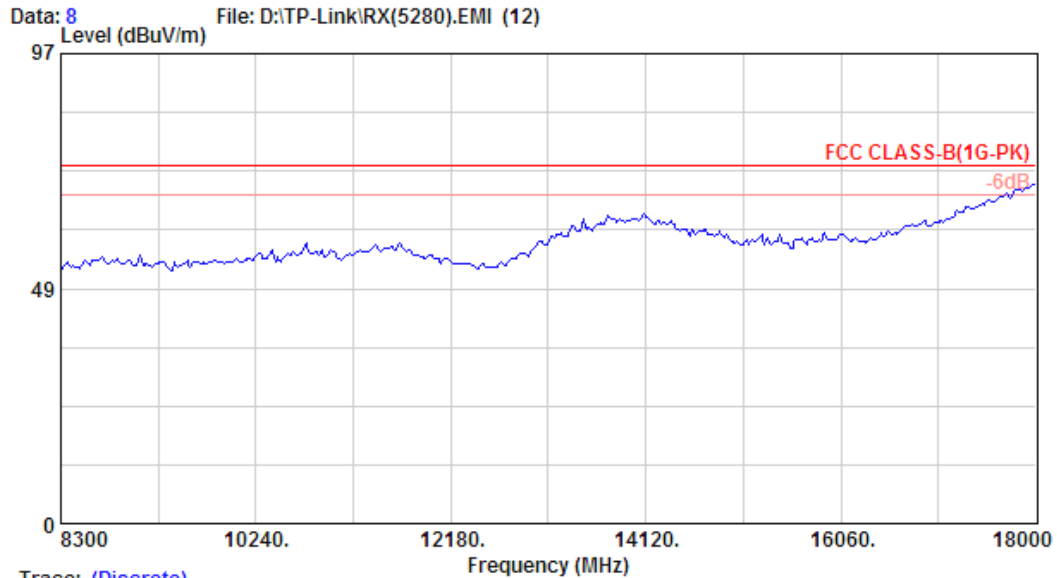


Trace: (Discrete)

Site no. : A/C Chamber	Data no. : 6
Dis. / Ant. : 3m 3115	Ant. pol. : VERTICAL
Limit : FCC CLASS-B(1G-PK)	
Env. / Ins. : E7405A 26°C/49%	Engineer : Jarwei Wang
EUT : Wireless Carbus Adapter	
Power Rating : 120Vac/60Hz M/NSMC2536W-AG2	
Test Mode : RX5280	

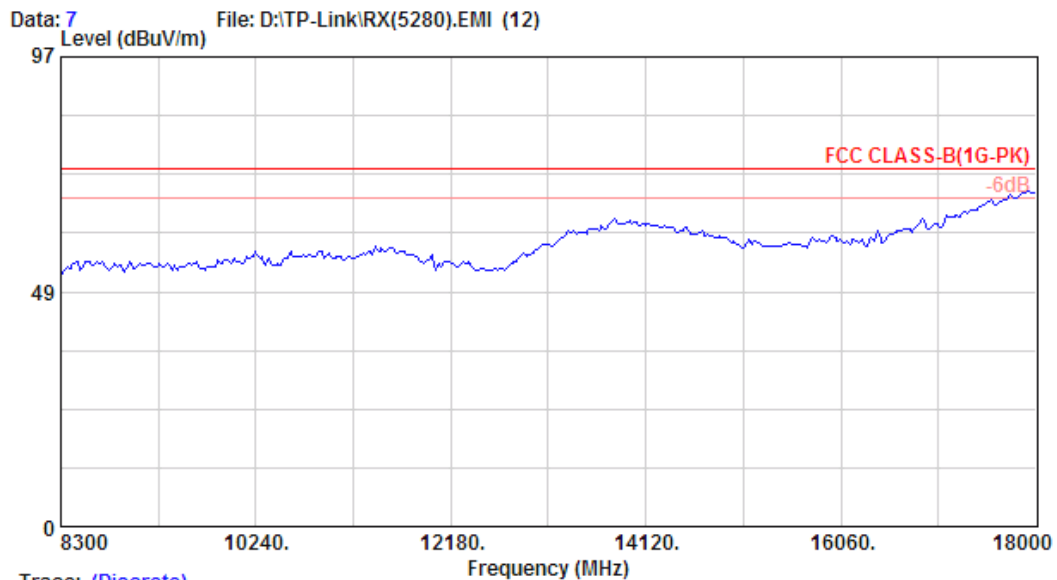


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 Email:ttemc@ttemc.



Trace: (Discrete)

Site no. : A/C Chamber	Data no. : 8
Dis. / Ant. : 3m 3115	Ant. pol. : HORIZONTAL
Limit : FCC CLASS-B(1G-PK)	
Env. / Ins. : E7405A 26°C/49%	Engineer : Jarwei Wang
EUT : Wireless Carbus Adapter	
Power Rating : 120Vac/60Hz M/NSMC2536W-AG2	
Test Mode : RX5280	

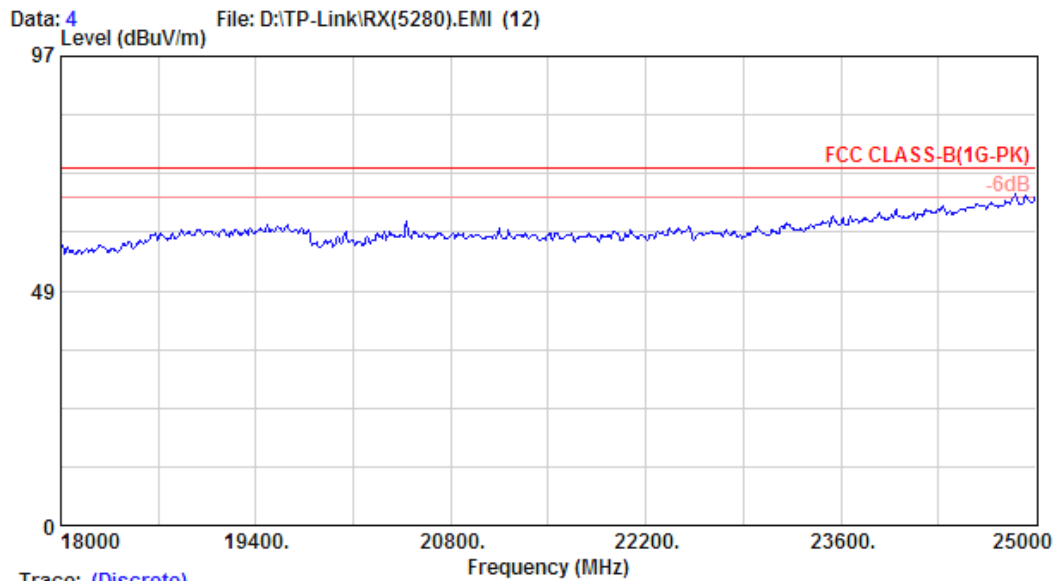


Trace: (Discrete)

Site no. : A/C Chamber	Data no. : 7
Dis. / Ant. : 3m 3115	Ant. pol. : VERTICAL
Limit : FCC CLASS-B(1G-PK)	
Env. / Ins. : E7405A 26°C/49%	Engineer : Jarwei Wang
EUT : Wireless Carbus Adapter	
Power Rating : 120Vac/60Hz M/NSMC2536W-AG2	
Test Mode : RX5280	

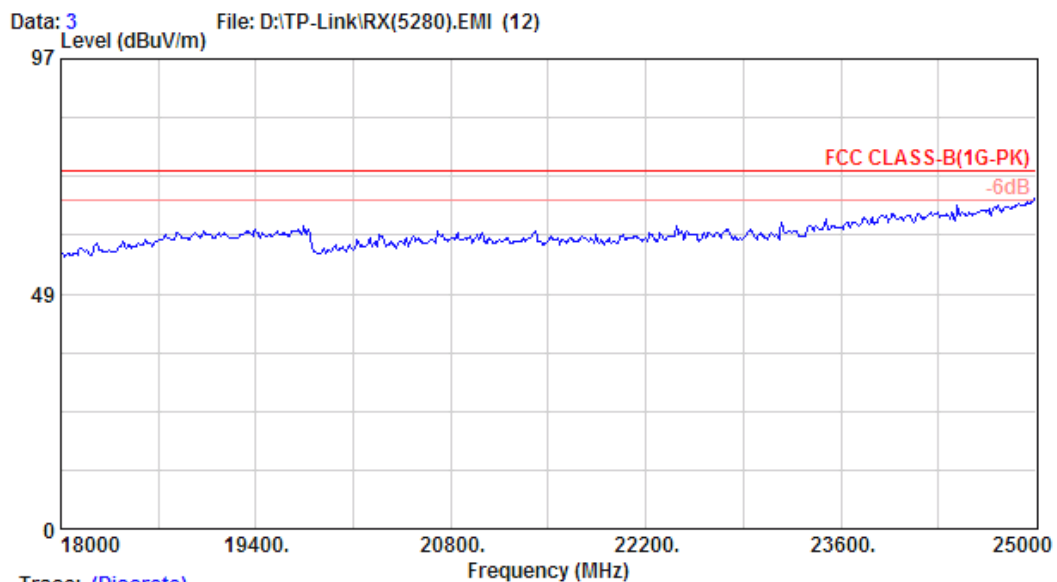


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 Email:ttemc@ttemc.



Trace: (Discrete)

Site no. : site	Data no. : 4
Dis. / Ant. : 3m 3116	Ant. pol. : HORIZONTAL
Limit : FCC CLASS-B(1G-PK)	
Env. / Ins. : E7405A 26°C/49%	Engineer : Jarwei Wang
EUT : Wireless Carbus Adapter	
Power Rating : 120Vac/60Hz M/NSMC2536W-AG2	
Test Mode : RX5280	



Trace: (Discrete)

Site no. : site	Data no. : 3
Dis. / Ant. : 3m 3116	Ant. pol. : VERTICAL
Limit : FCC CLASS-B(1G-PK)	
Env. / Ins. : E7405A 26°C/49%	Engineer : Jarwei Wang
EUT : Wireless Carbus Adapter	
Power Rating : 120Vac/60Hz M/NSMC2536W-AG2	
Test Mode : RX5280	

APPENDIX II

(Photos of EUT)

Total Pages: 3 Pages

Figure 1
General Appearance (Front View)



Figure 2
General Appearance (Back View)



Figure 3
General Appearance (Label View)



Figure 4
Internal View (Removed Covers)



Figure 5
Internal View (Main Board, Front View)

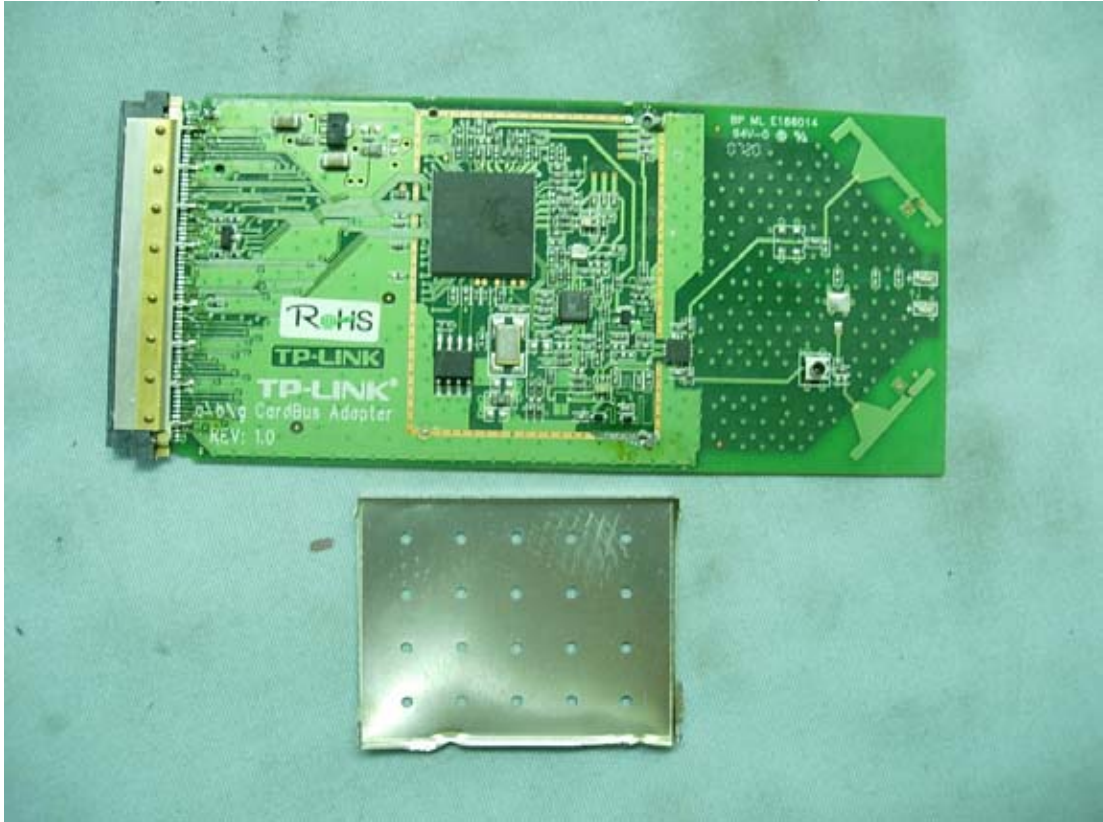


Figure 6
Internal View (Main Board, Back View)

