

APPENDIX 2: Data of EMI test

Conducted Emission

11a Tx Lower Band/Lch(5180MHz), 54Mbps, Used Antenna for Tx: Antenna 1

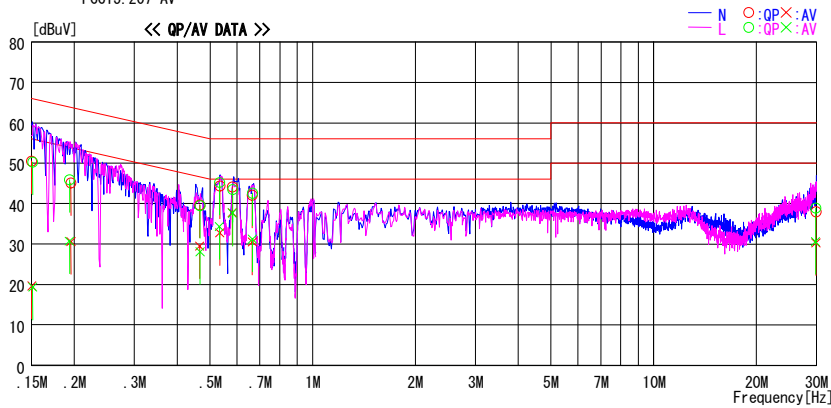
DATA OF CONDUCTED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No. 4 Semi Anechoic Chamber
Date : 2008/06/04

Company : silex technology, Inc. Report No. : 28IE0116-HO-02
Kind of EUT : MiniPCI Wireless LAN Board Power : DC3.3V (PC input AC120V/60Hz)
Model No. : SX-10WAN Temp./Humi. : 24 deg. C. / 67%
Serial No. : 008092011314 Operator : Satofumi Matsuyama

Mode / Remarks : Tx 5180MHz / 11a / Ant. 1

LIMIT : FCC15. 207 QP
FCC15. 207 AV



Frequency [MHz]	Reading Level		Corr. Factor [dB]	Results		Limit		Margin		Phase	Comment
	QP [dBuV]	AV [dBuV]		QP [dBuV]	AV [dBuV]	QP [dBuV]	AV [dBuV]	QP [dB]	AV [dB]		
0.15008	50.2	19.3	0.3	50.5	19.6	66.0	56.0	15.5	36.4	N	
0.19548	44.8	30.3	0.3	45.1	30.6	63.8	53.8	18.7	23.2	N	
0.46637	39.4	29.2	0.3	39.7	29.5	56.6	46.6	16.9	17.1	N	
0.53427	44.1	32.5	0.3	44.4	32.8	56.0	46.0	11.6	13.2	N	
0.58124	43.8	37.5	0.3	44.1	37.8	56.0	46.0	11.9	8.2	N	
0.66533	41.8	30.2	0.3	42.1	30.5	56.0	46.0	13.9	15.5	N	
29.92271	36.0	28.3	2.0	38.0	30.3	60.0	50.0	22.0	19.7	N	
0.15096	50.0	19.0	0.3	50.3	19.3	65.9	55.9	15.6	36.6	L	
0.19356	45.6	30.4	0.3	45.9	30.7	63.9	53.9	18.0	23.2	L	
0.46724	39.2	27.8	0.3	39.5	28.1	56.6	46.6	17.1	18.5	L	
0.53318	45.0	34.0	0.3	45.3	34.3	56.0	46.0	10.7	11.7	L	
0.58212	43.2	37.3	0.3	43.5	37.6	56.0	46.0	12.5	8.4	L	
0.66583	42.3	30.9	0.3	42.6	31.2	56.0	46.0	13.4	14.8	L	
29.82780	36.9	28.6	2.0	38.9	30.6	60.0	50.0	21.1	19.4	L	

CHART: WITH FACTOR, Peak hold data. CALCURATION: RESULT[dBuV]=READING[dBuV]+C.F[dB] (LISN LOSS+CABLE LOSS)
Except for the above table : adequate margin data below the limits.

*The test result is round off to one or two decimal places, so some differences might be observed.

Conducted Emission
11a Tx Lower Band/Mch(5200MHz), 54Mbps, Used Antenna for Tx: Antenna 1

DATA OF CONDUCTED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No. 4 Semi Anechoic Chamber
 Date : 2008/06/04

Company	: silex technology, Inc.	Report No.	: 28IE0116-HO-02
Kind of EUT	: MiniPCI Wireless LAN Board	Power	: DC3.3V (PC input AC120V/60Hz)
Model No.	: SX-10WAN	Temp./Humi.	: 24 deg. C. / 67%
Serial No.	: 008092011314	Operator	: Satofumi Matsuyama

Mode / Remarks : Tx 5200MHz / 11a / Ant. 1

LIMIT : FCC15.207 OP
FCC15.207 AV

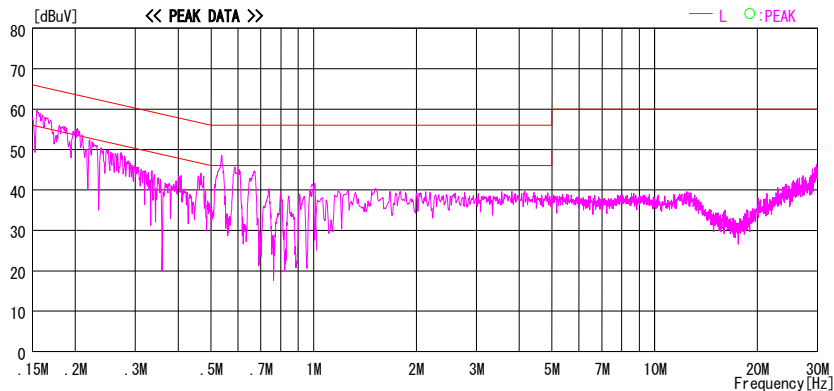
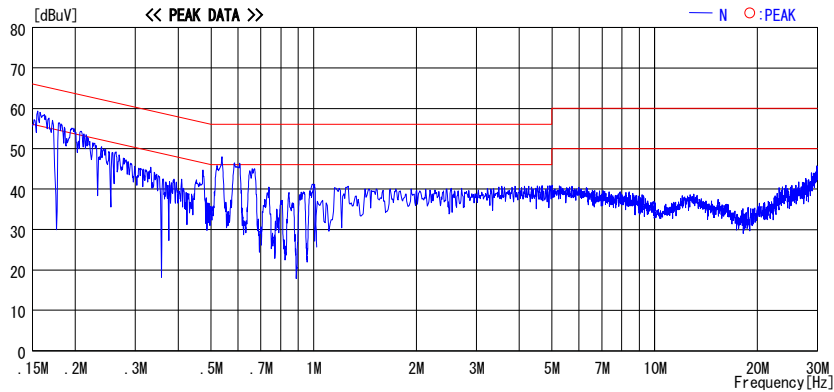


CHART: WITH FACTOR, Peak hold data. CALCURATION: RESULT[dBuV]=READING[dBuV]+C.F[dB] (LISN LOSS+CABLE LOSS)
 Except for the above table : adequate margin data below the limits.

Conducted Emission
11a Tx Lower Band/Hch(5240MHz), 54Mbps, Used Antenna for Tx: Antenna 1

DATA OF CONDUCTED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No. 4 Semi Anechoic Chamber
 Date : 2008/06/04

Company	: silex technology, Inc.	Report No.	: 28IE0116-HO-02
Kind of EUT	: MiniPCI Wireless LAN Board	Power	: DC3.3V (PC input AC120V/60Hz)
Model No.	: SX-10WAN	Temp./Humi.	: 24 deg. C. / 67%
Serial No.	: 008092011314	Operator	: Satofumi Matsuyama

Mode / Remarks : Tx 5240MHz / 11a / Ant. 1

LIMIT : FCC15.207 OP
FCC15.207 AV

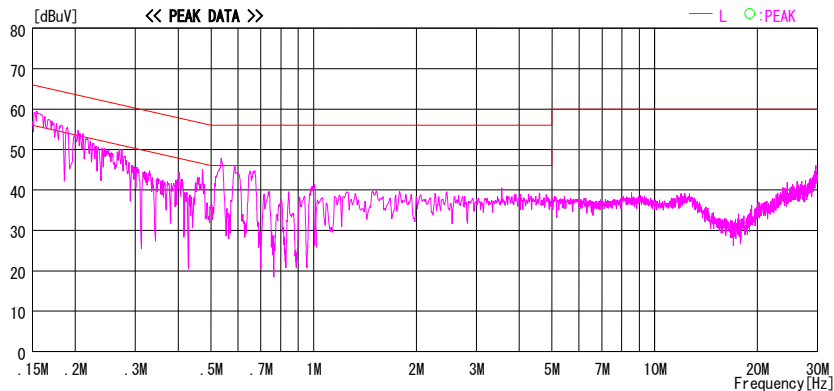
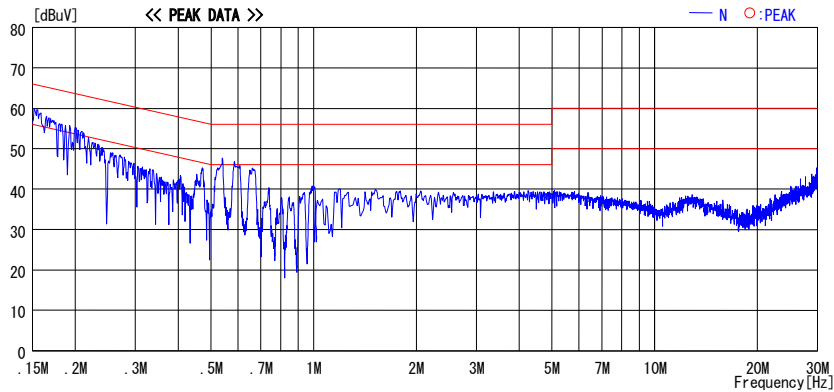


CHART: WITH FACTOR, Peak hold data. CALCURATION: RESULT[dBuV]=READING[dBuV]+C.F[dB] (LISN LOSS+CABLE LOSS)
 Except for the above table : adequate margin data below the limits.

Conducted Emission
11a Tx Middle Band/Lch(5260MHz), 54Mbps, Used Antenna for Tx: Antenna 1

DATA OF CONDUCTED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No. 4 Semi Anechoic Chamber
Date : 2008/06/04

Company : silex technology, Inc.
Kind of EUT : MiniPCI Wireless LAN Board
Model No. : SX-10WAN
Serial No. : 008092011314

Report No. : 28IE0116-HO-02
Power : DC3.3V (PC input AC120V/60Hz)
Temp./Humi. : 24 deg. C. / 67%
Operator : Satofumi Matsuyama

Mode / Remarks : Tx 5260MHz / 11a / Ant. 1

LIMIT : FCC15.207 OP
FCC15.207 AV

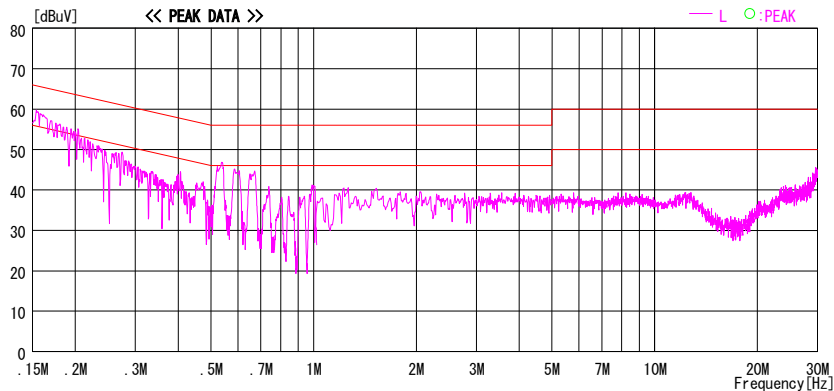
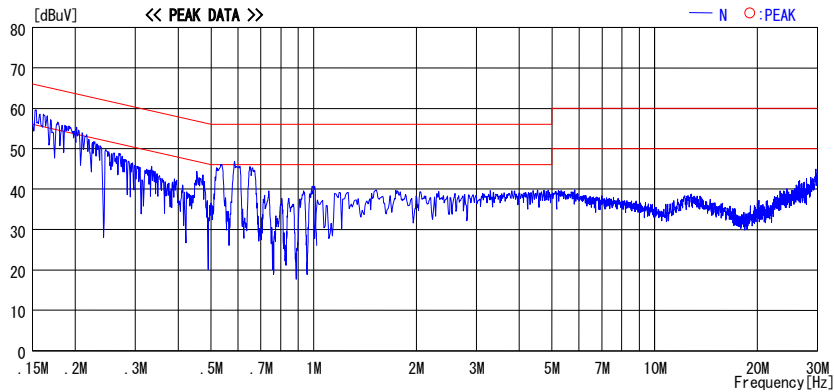


CHART: WITH FACTOR, Peak hold data. CALCURATION: RESULT[dBuV]=READING[dBuV]+C.F[dB] (LISN LOSS+CABLE LOSS)
Except for the above table : adequate margin data below the limits.

Conducted Emission
11a Tx Middle Band/Mch(5280MHz), 54Mbps, Used Antenna for Tx: Antenna 1

DATA OF CONDUCTED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No. 4 Semi Anechoic Chamber
Date : 2008/06/04

Company : silex technology, Inc.
Kind of EUT : MiniPCI Wireless LAN Board
Model No. : SX-10WAN
Serial No. : 008092011314

Report No. : 28IE0116-HO-02
Power : DC3.3V (PC input AC120V/60Hz)
Temp./Humi. : 24 deg. C. / 67%
Operator : Satofumi Matsuyama

Mode / Remarks : Tx 5280MHz / 11a / Ant. 1

LIMIT : FCC15.207 OP
FCC15.207 AV

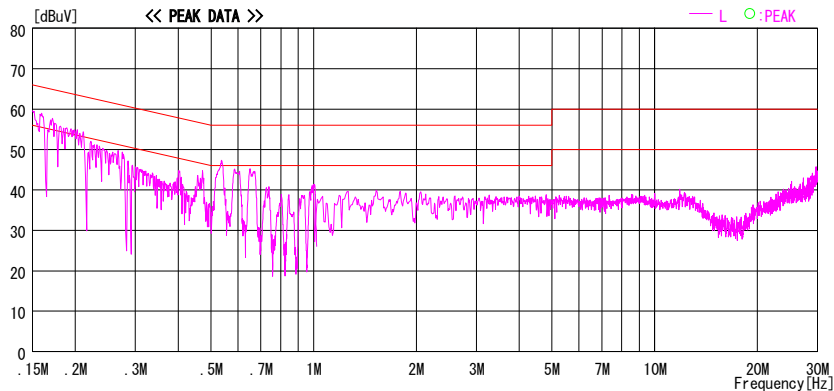
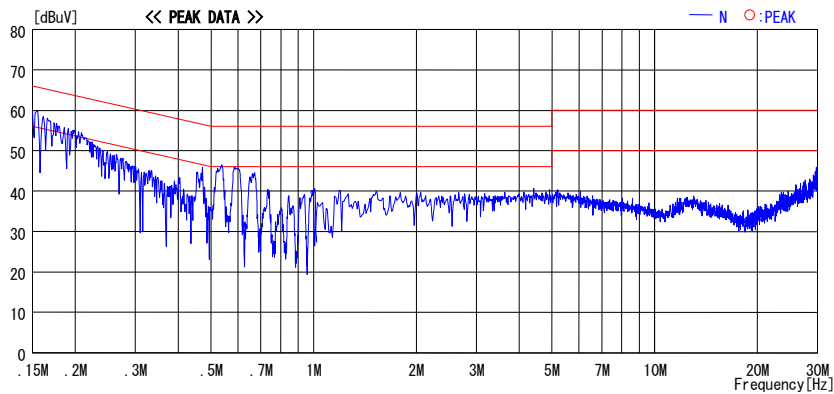


CHART: WITH FACTOR, Peak hold data. CALCURATION: RESULT[dBuV]=READING[dBuV]+C.F[dB] (LISN LOSS+CABLE LOSS)
Except for the above table : adequate margin data below the limits.

Conducted Emission
11a Tx Middle Band/Hch(5320MHz), 54Mbps, Used Antenna for Tx: Antenna 1

DATA OF CONDUCTED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No. 4 Semi Anechoic Chamber
 Date : 2008/06/04

Company	: silex technology, Inc.	Report No.	: 28IE0116-HO-02
Kind of EUT	: MiniPCI Wireless LAN Board	Power	: DC3.3V (PC input AC120V/60Hz)
Model No.	: SX-10WAN	Temp./Humi.	: 24 deg. C. / 67%
Serial No.	: 008092011314	Operator	: Satofumi Matsuyama

Mode / Remarks : Tx 5320MHz / 11a / Ant. 1

LIMIT : FCC15.207 OP
FCC15.207 AV

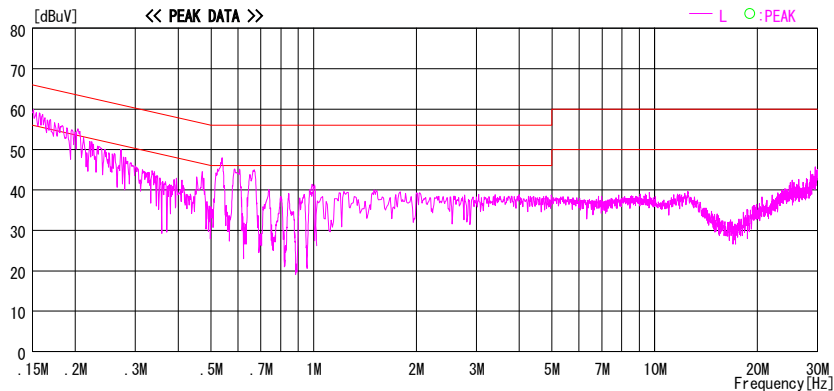
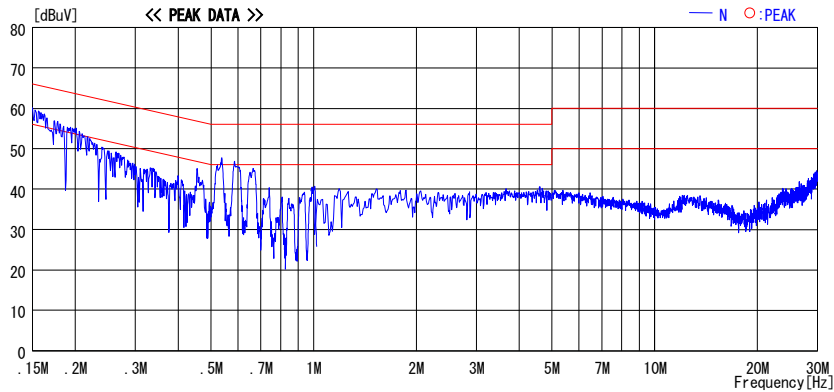


CHART: WITH FACTOR, Peak hold data. CALCURATION: RESULT[dBuV]=READING[dBuV]+C.F[dB] (LISN LOSS+CABLE LOSS)
 Except for the above table : adequate margin data below the limits.

Conducted Emission
11a Rx Lower Band/Mch(5200MHz), Used Antenna for Rx: Antenna 1

DATA OF CONDUCTED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No. 4 Semi Anechoic Chamber
Date : 2008/06/04

Company : silex technology, Inc.
Kind of EUT : MiniPCI Wireless LAN Board
Model No. : SX-10WAN
Serial No. : 008092011314

Report No. : 281E0116-HO-02
Power : DC3.3V (PC input AC120V/60Hz)
Temp./Humi. : 24 deg. C. / 67%
Operator : Satofumi Matsuyama

Mode / Remarks : Rx 5200MHz / 11a / Ant. 1

LIMIT : FCC15.207 OP
FCC15.207 AV

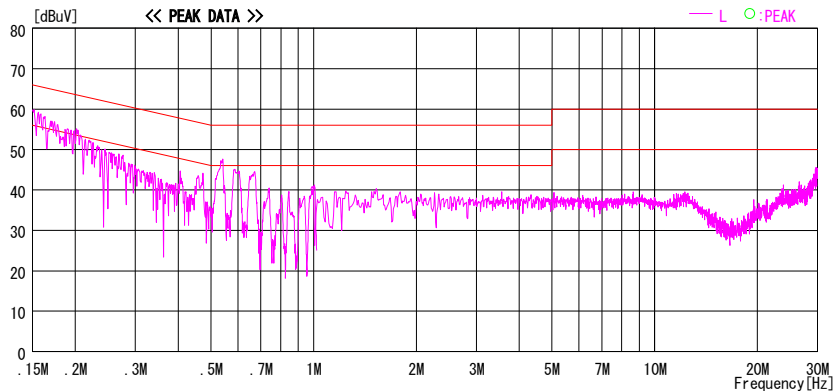
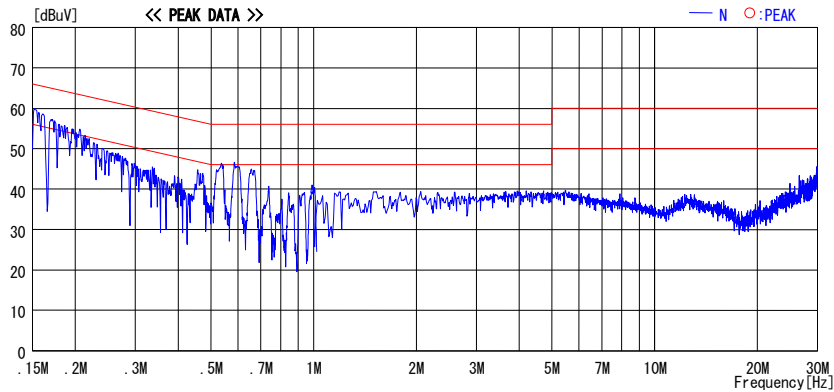


CHART: WITH FACTOR, Peak hold data. CALCURATION: RESULT[dBuV]=READING[dBuV]+C.F[dB] (LISN LOSS+CABLE LOSS)
Except for the above table : adequate margin data below the limits.

Conducted Emission
11a Rx Middle Band/Mch(5280MHz), Used Antenna for Rx: Antenna 1

DATA OF CONDUCTED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No. 4 Semi Anechoic Chamber
 Date : 2008/06/04

Company	: silex technology, Inc.	Report No.	: 281E0116-HO-02
Kind of EUT	: MiniPCI Wireless LAN Board	Power	: DC3.3V (PC input AC120V/60Hz)
Model No.	: SX-10WAN	Temp./Humi.	: 24 deg. C. / 67%
Serial No.	: 008092011314	Operator	: Satofumi Matsuyama

Mode / Remarks : Rx 5280MHz / 11a / Ant. 1

LIMIT : FCC15.207 OP
FCC15.207 AV

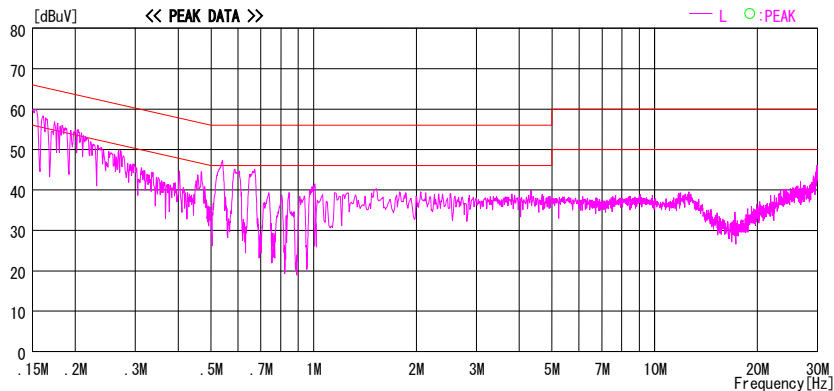
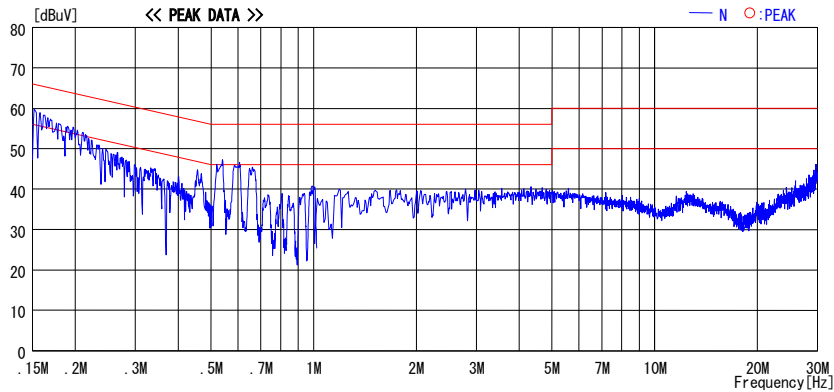


CHART: WITH FACTOR, Peak hold data. CALCURATION: RESULT[dBuV]=READING[dBuV]+C.F[dB] (LISN LOSS+CABLE LOSS)
 Except for the above table : adequate margin data below the limits.

Conducted Emission

11n(20HT) Tx Lower Band/Lch(5180MHz), 130Mbps, Used Antenna for Tx: Antenna 1 + 2 + 3

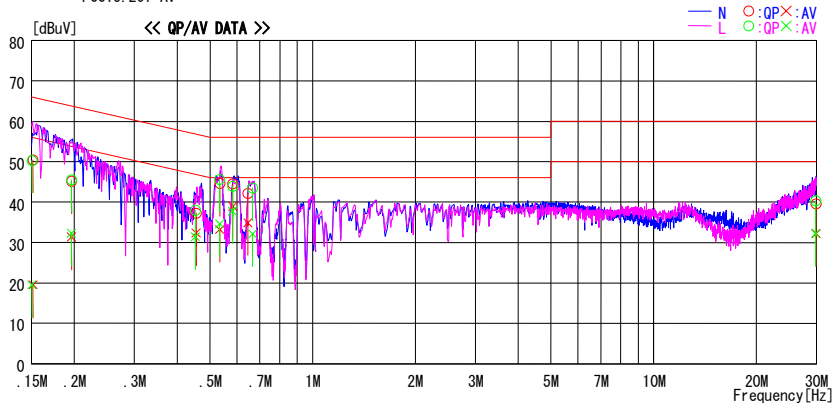
DATA OF CONDUCTED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No. 4 Semi Anechoic Chamber
Date : 2008/06/04

Company : silex technology, Inc. Report No. : 281E0116-HO-02
 Kind of EUT : MiniPCI Wireless LAN Board Power : DC3.3V (PC input AC120V/60Hz)
 Model No. : SX-10WAN Temp./Humi. : 24 deg. C. / 67%
 Serial No. : 008092011314 Operator : Satofumi Matsuyama

Mode / Remarks : Tx 5180MHz / 11n20HT / Ant. 1, 2, 3

LIMIT : FCC15.207 QP
FCC15.207 AV



Frequency [MHz]	Reading Level		Corr. Factor [dB]	Results		Limit		Margin		Phase	Comment
	QP [dBuV]	AV [dBuV]		QP [dBuV]	AV [dBuV]	QP [dBuV]	AV [dBuV]	QP [dB]	AV [dB]		
0.15136	50.1	19.2	0.3	50.4	19.5	65.9	55.9	15.5	36.4	N	
0.19645	44.9	31.0	0.3	45.2	31.3	63.8	53.8	18.6	22.5	N	
0.45577	37.0	32.1	0.3	37.3	32.4	56.8	46.8	19.5	14.4	N	
0.53422	44.3	32.9	0.3	44.6	33.2	56.0	46.0	11.4	12.8	N	
0.58269	44.2	38.6	0.3	44.5	38.9	56.0	46.0	11.5	7.1	N	
0.64593	41.9	34.6	0.3	42.2	34.9	56.0	46.0	13.8	11.1	N	
29.95720	37.6	30.2	2.0	39.6	32.2	60.0	50.0	20.4	17.8	N	
0.15029	50.0	19.2	0.3	50.3	19.5	66.0	56.0	15.7	36.5	L	
0.19625	45.2	32.0	0.3	45.5	32.3	63.8	53.8	18.3	21.5	L	
0.45267	37.7	31.1	0.3	38.0	31.4	56.8	46.8	18.8	15.4	L	
0.53352	45.3	34.3	0.3	45.6	34.6	56.0	46.0	10.4	11.4	L	
0.58205	43.6	37.5	0.3	43.9	37.8	56.0	46.0	12.1	8.2	L	
0.66663	43.2	31.8	0.3	43.5	32.1	56.0	46.0	12.5	13.9	L	
29.83538	38.3	30.2	2.0	40.3	32.2	60.0	50.0	19.7	17.8	L	

CHART: WITH FACTOR, Peak hold data. CALCULATION: RESULT[dBuV]=READING[dBuV]+C.F[dB] (LISN LOSS+CABLE LOSS)
Except for the above table : adequate margin data below the limits.

*The test result is round off to one or two decimal places, so some differences might be observed.

UL Japan, Inc.

Head Office EMC Lab.

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Conducted Emission

11n(20HT) Tx Lower Band/Mch(5200MHz), 130Mbps, Used Antenna for Tx: Antenna 1 + 2 + 3

DATA OF CONDUCTED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No. 4 Semi Anechoic Chamber
 Date : 2008/06/04

Company : silex technology, Inc. Kind of EUT : MiniPCI Wireless LAN Board Model No. : SX-10WAN Serial No. : 008092011314	Report No. : 28IE0116-HO-02 Power : DC3.3V (PC input AC120V/60Hz) Temp./Humi. : 24 deg. C. / 67% Operator : Satofumi Matsuyama
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Mode / Remarks : Tx 5200MHz / 11n20HT / Ant. 1, 2, 3

LIMIT : FCC15.207 OP
FCC15.207 AV

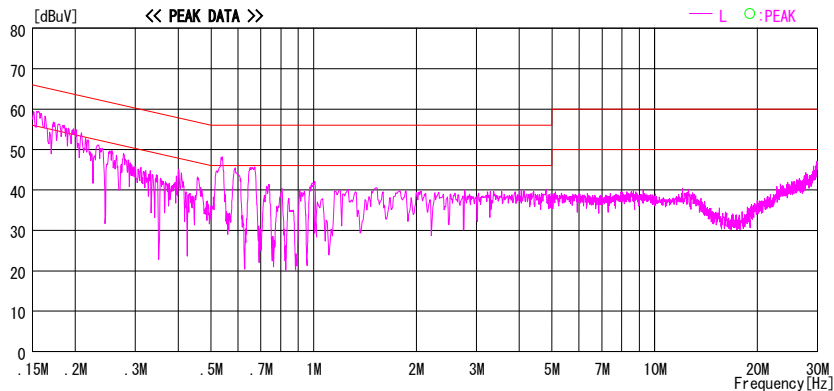
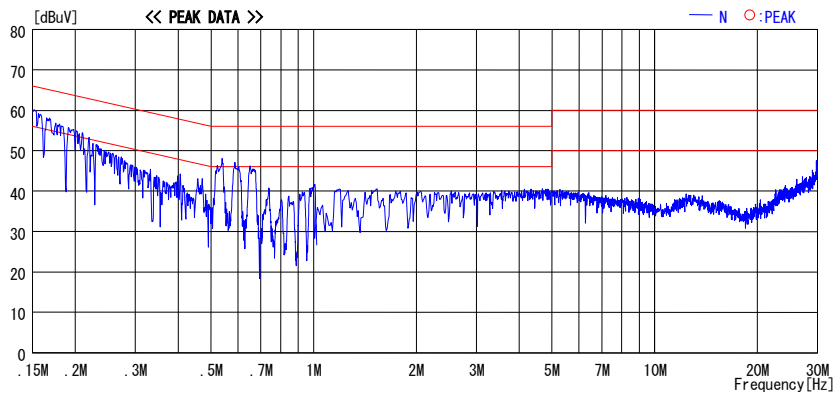


CHART: WITH FACTOR, Peak hold data. CALCURATION: RESULT[dBuV]=READING[dBuV]+C.F[dB] (LISN LOSS+CABLE LOSS)
 Except for the above table : adequate margin data below the limits.

Conducted Emission

11n(20HT) Tx Lower Band/Hch(5240MHz), 130Mbps, Used Antenna for Tx: Antenna 1 + 2 + 3

DATA OF CONDUCTED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No. 4 Semi Anechoic Chamber
 Date : 2008/06/04

Company : silex technology, Inc. Kind of EUT : MiniPCI Wireless LAN Board Model No. : SX-10WAN +TT98061 Serial No. : 008092011314 +001,002,003	Report No. : 28IE0116-HO-02 Power : DC3.3V (PC input AC120V/60Hz) Temp./Humi. : 24 deg. C. / 67% Operator : Satofumi Matsuyama
---	---

Mode / Remarks : Tx 5240MHz / 11n20HT / Ant:1,2,3

LIMIT : FCC15.207 OP
FCC15.207 AV

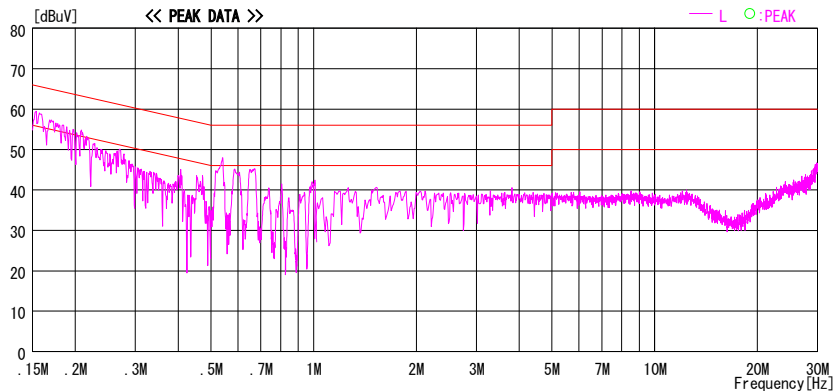
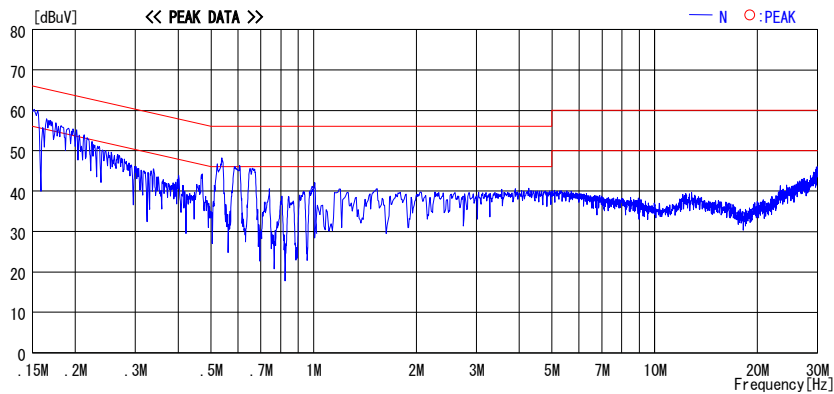


CHART: WITH FACTOR, Peak hold data. CALCURATION: RESULT[dBuV]=READING[dBuV]+C.F[dB] (LISN LOSS+CABLE LOSS)
 Except for the above table : adequate margin data below the limits.

UL Japan, Inc.

Head Office EMC Lab.

4383-326 Asama-cho, Ise-shi, Mie-ken 516-0021 JAPAN

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Facsimile : +81 596 24 8124

Conducted Emission

11n(20HT) Tx Middle Band/Lch(5260MHz), 130Mbps, Used Antenna for Tx: Antenna 1 + 2 +3

DATA OF CONDUCTED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No. 4 Semi Anechoic Chamber
 Date : 2008/06/04

Company	: silex technology, Inc.	Report No.	: 28IE0116-HO-02
Kind of EUT	: MiniPCI Wireless LAN Board	Power	: DC3.3V (PC input AC120V/60Hz)
Model No.	: SX-10WAN +TT98061	Temp./Humi.	: 24 deg. C. / 67%
Serial No.	: 008092011314 +001,002,003	Operator	: Satofumi Matsuyama

Mode / Remarks : Tx 5260MHz / 11n20HT / Ant:1,2,3

LIMIT : FCC15.207 OP
 FCC15.207 AV

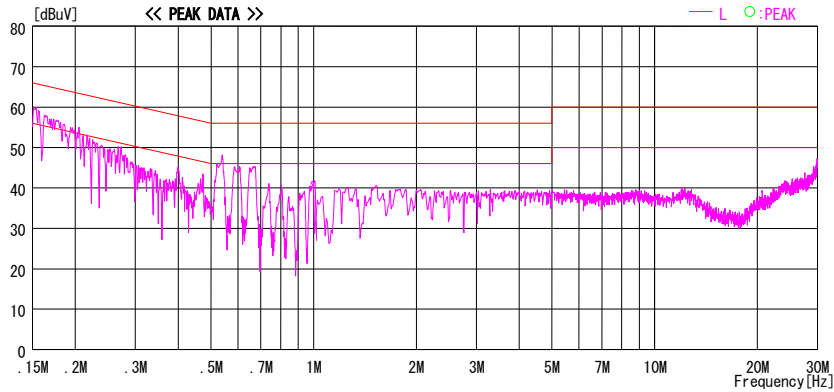
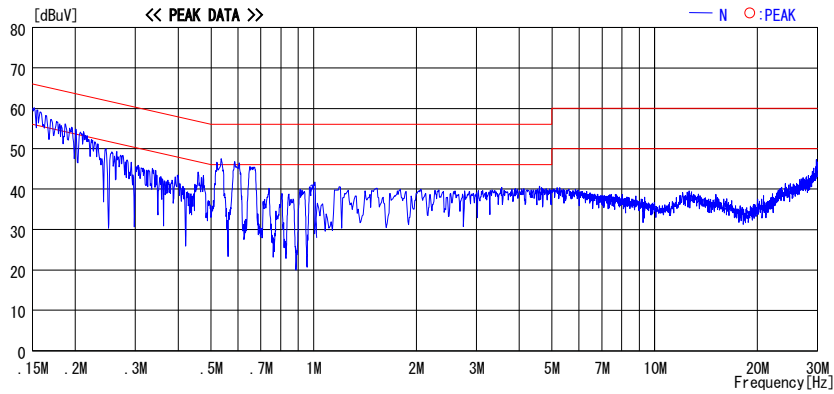


CHART: WITH FACTOR, Peak hold data. CALCURATION: RESULT[dBuV]=READING[dBuV]+C.F[dB] (LISN LOSS+CABLE LOSS)
 Except for the above table : adequate margin data below the limits.

Conducted Emission

11n(20HT) Tx Middle Band/Mch(5280MHz), 130Mbps, Used Antenna for Tx: Antenna 1 + 2+ 3

DATA OF CONDUCTED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No. 4 Semi Anechoic Chamber
 Date : 2008/06/04

Company : silex technology. Inc. Kind of EUT : MiniPCI Wireless LAN Board Model No. : SX-10WAN +TT98061 Serial No. : 008092011314 +001,002,003	Report No. : 281E0116-HO-02 Power : DC3.3V (PC input AC120V/60Hz) Temp./Humi. : 24 deg. C. / 67% Operator : Satofumi Matsuyama
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Mode / Remarks : Tx 5280MHz / 11n20HT / Ant:1, 2, 3

LIMIT : FCC15.207 QP
 FCC15.207 AV

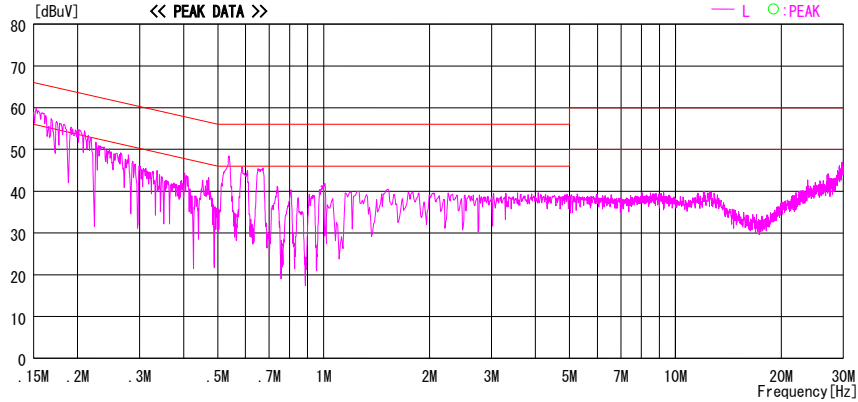
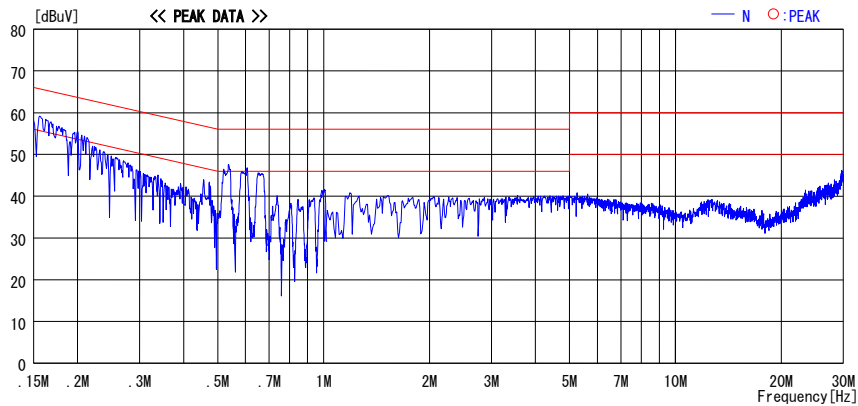


CHART: WITH FACTOR, Peak hold data. CALCURATION: RESULT[dBuV]=READING[dBuV]+C.F[dB] (LISN LOSS+CABLE LOSS)
 Except for the above table : adequate margin data below the limits.

UL Japan, Inc.
Head Office EMC Lab.
 4383-326 Asama-cho, Ise-shi, Mie-ken 516-0021 JAPAN
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 Facsimile : +81 596 24 8124

Conducted Emission

11n(20HT) Tx Middle Band/Hch(5320MHz), 130Mbps, Used Antenna for Tx: Antenna 1 + 2 +3

DATA OF CONDUCTED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No. 4 Semi Anechoic Chamber
 Date : 2008/06/04

Company : silex technology, Inc. Kind of EUT : MiniPCI Wireless LAN Board Model No. : SX-10WAN +TT98061 Serial No. : 008092011314 +001,002,003	Report No. : 281E0116-HO-02 Power : DC3.3V (PC input AC120V/60Hz) Temp./Humi. : 24 deg. C. / 67% Operator : Satofumi Matsuyama
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Mode / Remarks : Tx 5320MHz / 11n20HT / Ant:1,2,3

LIMIT : FCC15.207 QP
FCC15.207 AV

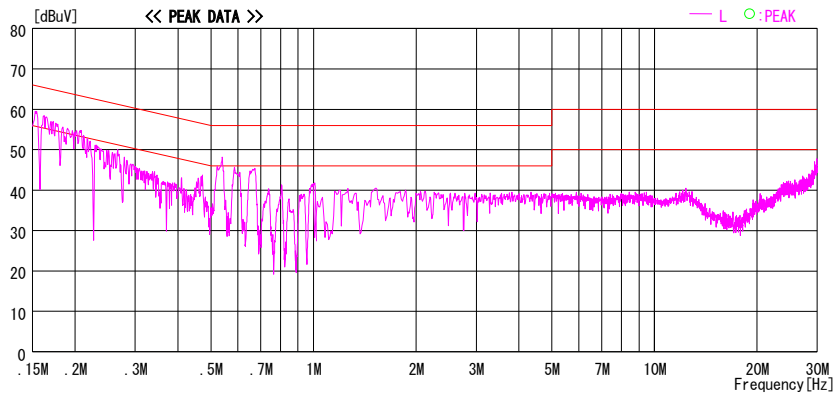
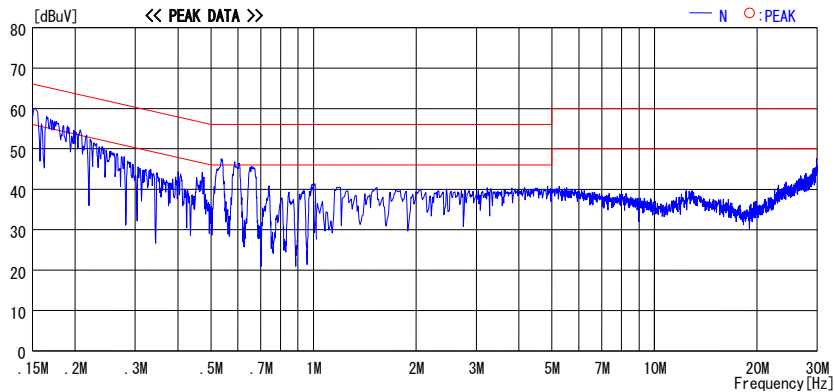


CHART: WITH FACTOR, Peak hold data. CALCURATION: RESULT[dBuV]=READING[dBuV]+C.F[dB] (LISN LOSS+CABLE LOSS)
 Except for the above table : adequate margin data below the limits.

Conducted Emission
11n(20HT) Rx Lower Band/Mch(5200MHz), Used Antenna for Rx: Antenna 1 + 2 + 3

DATA OF CONDUCTED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No. 4 Semi Anechoic Chamber
 Date : 2008/06/04

Company	: silex technology, Inc.	Report No.	: 281E0116-HO-02
Kind of EUT	: MiniPCI Wireless LAN Board	Power	: DC3.3V (PC input AC120V/60Hz)
Model No.	: SX-10WAN +TT98061	Temp./Humi.	: 23 deg. C. / 64%
Serial No.	: 008092011314 +001,002,003	Operator	: Takumi Shimada

Mode / Remarks : Rx 5200MHz / 11n20HT / Ant:1,2,3

LIMIT : FCC15.207 QP
FCC15.207 AV

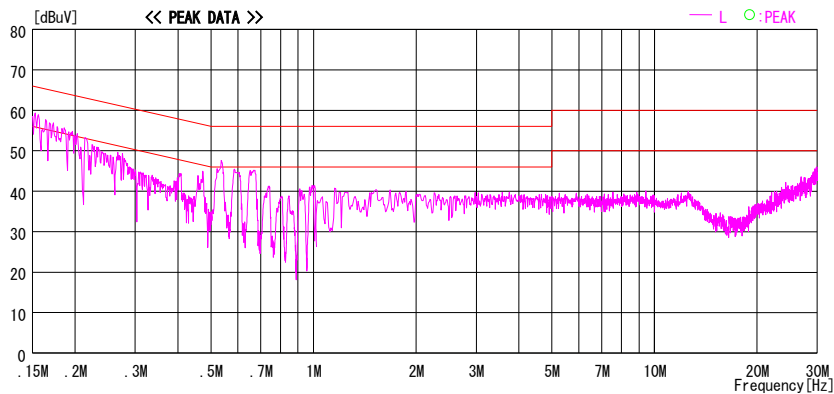
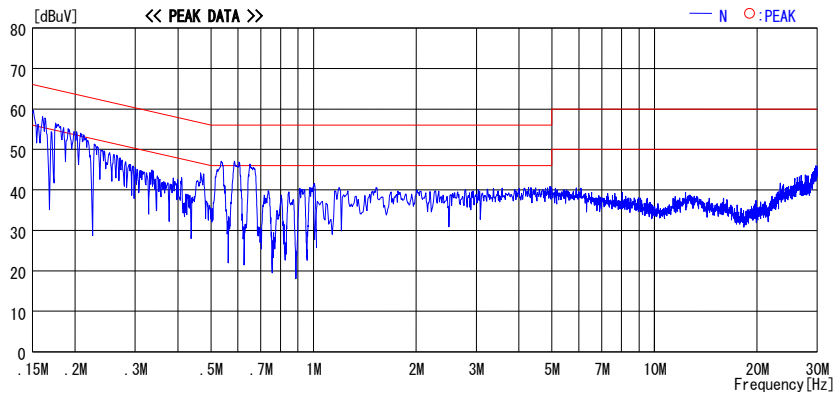


CHART: WITH FACTOR, Peak hold data. CALCULATION: RESULT[dBuV]=READING[dBuV]+C.F[dB] (LISN LOSS+CABLE LOSS)
 Except for the above table : adequate margin data below the limits.

Conducted Emission
11n(20HT) Rx Middle Band/Mch(5280MHz), Used Antenna for Rx: Antenna 1 + 2 + 3

DATA OF CONDUCTED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No. 4 Semi Anechoic Chamber
 Date : 2008/06/04

Company	: silex technology, Inc.	Report No.	: 281E0116-HO-02
Kind of EUT	: MiniPCI Wireless LAN Board	Power	: DC3.3V (PC input AC120V/60Hz)
Model No.	: SX-10WAN +TT98061	Temp./Humi.	: 23 deg. C. / 64%
Serial No.	: 008092011314 +001,002,003	Operator	: Takumi Shimada

Mode / Remarks : Rx 5280MHz / 11n20HT / Ant:1,2,3

LIMIT : FCC15.207 QP
FCC15.207 AV

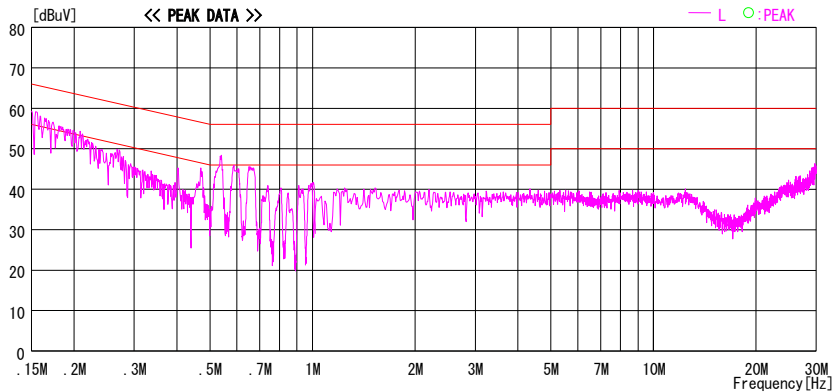
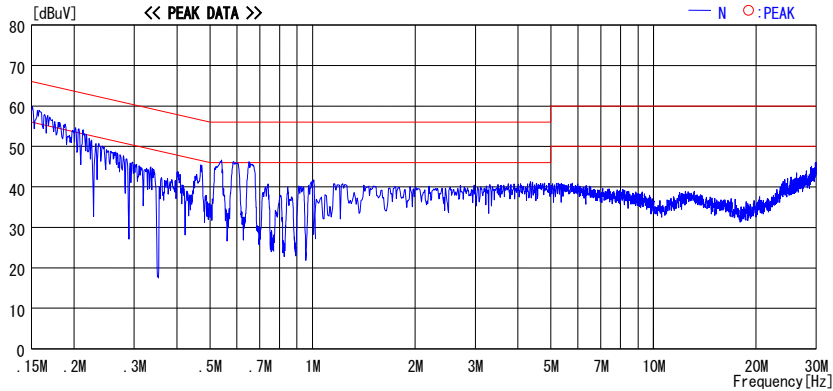


CHART: WITH FACTOR, Peak hold data. CALCURATION: RESULT[dBuV]=READING[dBuV]+C.F[dB] (LISN LOSS+CABLE LOSS)
 Except for the above table : adequate margin data below the limits.

Conducted Emission

11n(40HT) Tx Lower Band/Lch(5190MHz), 270Mbps, Used Antenna for Tx: Antenna 1 + 2+ 3

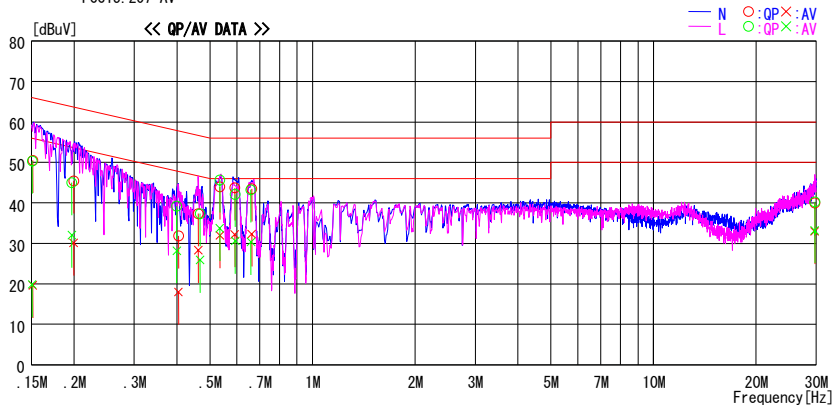
DATA OF CONDUCTED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No. 4 Semi Anechoic Chamber
Date : 2008/06/04

Company : silex technology, Inc. Report No. : 281E0116-HO-02
 Kind of EUT : MiniPCI Wireless LAN Board Power : DC3.3V (PC input AC120V/60Hz)
 Model No. : SX-10WAN +TT98061 Temp./Humi. : 23 deg. C. / 64%
 Serial No. : 008092011314 +001.002.003 Operator : Takumi Shimada

Mode / Remarks : Tx 5190MHz / 11n40HT / Ant:1,2,3

LIMIT : FCC15.207 QP
FCC15.207 AV



Frequency [MHz]	Reading Level		Corr. Factor	Results		Limit		Margin		Phase	Comment
	QP [dBuV]	AV [dBuV]		QP [dBuV]	AV [dBuV]	QP [dBuV]	AV [dBuV]	QP [dB]	AV [dB]		
0.15117	50.2	19.3	0.3	50.5	19.6	65.9	55.9	15.4	36.3	N	
0.15062	50.1	19.5	0.3	50.4	19.8	66.0	56.0	15.6	36.2	L	
0.19675	44.7	31.8	0.3	45.0	32.1	63.7	53.7	18.7	21.7	L	
0.19922	45.1	29.8	0.3	45.4	30.1	63.6	53.6	18.2	23.5	N	
0.40452	31.5	17.7	0.3	31.8	18.0	57.8	47.8	26.0	29.8	N	
0.39975	38.9	27.9	0.3	39.2	28.2	57.9	47.9	18.7	19.7	L	
0.46213	37.1	28.0	0.3	37.4	28.3	56.7	46.7	19.3	18.4	N	
0.46798	37.0	25.6	0.3	37.3	25.9	56.5	46.5	19.2	20.6	L	
0.53430	45.3	33.4	0.3	45.6	33.7	56.0	46.0	10.4	12.3	L	
0.53513	43.7	31.6	0.3	44.0	31.9	56.0	46.0	12.0	14.1	N	
0.59122	43.4	31.9	0.3	43.7	32.2	56.0	46.0	12.3	13.8	N	
0.59355	41.8	30.3	0.3	42.1	30.6	56.0	46.0	13.9	15.4	L	
0.66289	43.2	32.0	0.3	43.5	32.3	56.0	46.0	12.5	13.7	N	
0.65968	42.9	30.0	0.3	43.2	30.3	56.0	46.0	12.8	15.7	L	
29.71979	38.3	31.2	2.0	40.3	33.2	60.0	50.0	19.7	16.8	L	
29.72662	38.0	31.0	2.0	40.0	33.0	60.0	50.0	20.0	17.0	N	

CHART: WITH FACTOR, Peak hold data. CALCULATION: RESULT[dBuV]=READING[dBuV]+C.F[dB] (LISN LOSS+CABLE LOSS)
Except for the above table : adequate margin data below the limits.

*The test result is round off to one or two decimal places, so some differences might be observed.

Conducted Emission

11n(40HT) Tx Lower Band/Hch(5230MHz), 270Mbps, Used Antenna for Tx: Antenna 1 + 2+ 3

DATA OF CONDUCTED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No. 4 Semi Anechoic Chamber
 Date : 2008/06/04

Company	: silex technoly. Inc.	Report No.	: 281E0116-HO-02
Kind of EUT	: MiniPCI Wireless LAN Board	Power	: DC3.3V (PC input AC120V/60Hz)
Model No.	: SX-10WAN +TT98061	Temp./Humi.	: 23 deg. C. / 64%
Serial No.	: 008092011314 +001,002,003	Operator	: Takumi Shimada

Mode / Remarks : Tx 5230MHz / 11n40HT / Ant:1,2,3

LIMIT : FCC15.207 QP
FCC15.207 AV

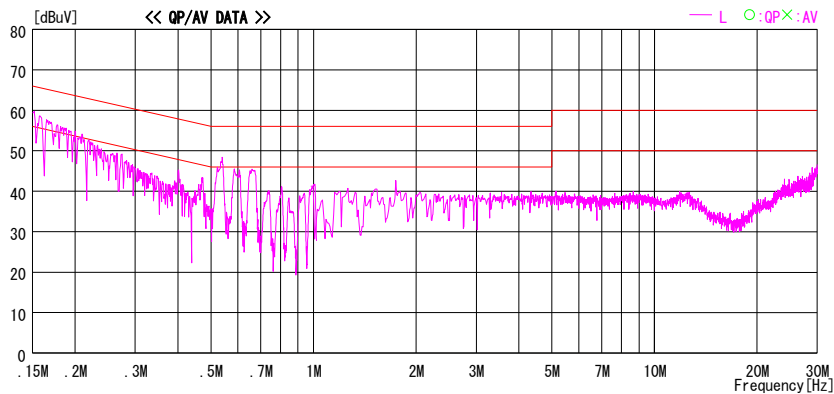
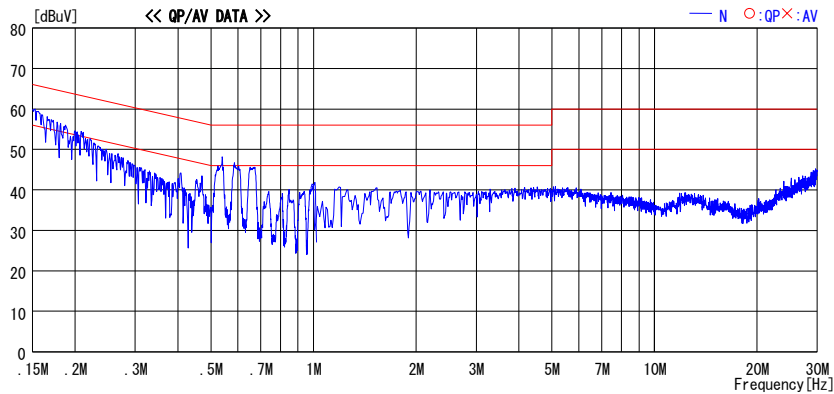


CHART: WITH FACTOR, Peak hold data. CALCURATION: RESULT[dBuV]=READING[dBuV]+C.F[dB] (LISN LOSS+CABLE LOSS)
 Except for the above table : adequate margin data below the limits.

UL Japan, Inc.

Head Office EMC Lab.

4383-326 Asama-cho, Ise-shi, Mie-ken 516-0021 JAPAN

Telephone : +81 596 24 8116

Facsimile : +81 596 24 8124

Conducted Emission

11n(40HT) Tx Middle Band/Lch(5270MHz), 270Mbps, Used Antenna for Tx: Antenna 1 + 2+ 3

DATA OF CONDUCTED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No. 4 Semi Anechoic Chamber
 Date : 2008/06/04

Company : silex technoly. Inc. Kind of EUT : MiniPCI Wireless LAN Board Model No. : SX-10WAN +TT98061 Serial No. : 008092011314 +001.002.003	Report No. : 28IE0116-HO-02 Power : DC3.3V (PC input AC120V/60Hz) Temp./Humi. : 23 deg. C. / 64% Operator : Takumi Shimada
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Mode / Remarks : Tx 5270MHz / 11n40HT / Ant:1,2,3

LIMIT : FCC15.207 QP
FCC15.207 AV

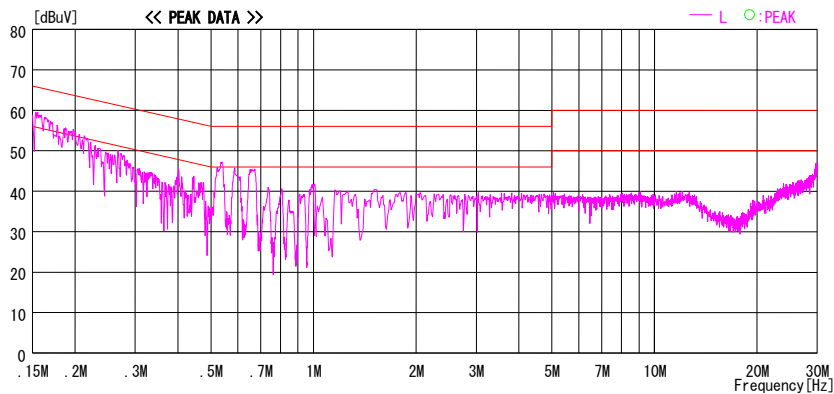
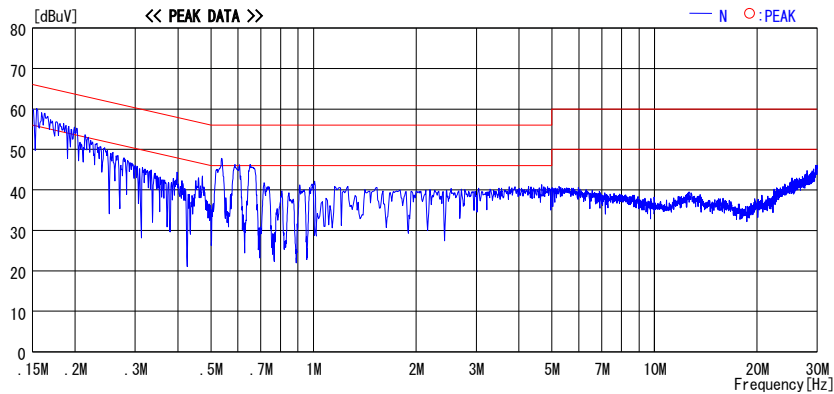


CHART: WITH FACTOR, Peak hold data. CALCURATION: RESULT[dBuV]=READING[dBuV]+C.F[dB] (LISN LOSS+CABLE LOSS)
 Except for the above table : adequate margin data below the limits.

UL Japan, Inc.

Head Office EMC Lab.

4383-326 Asama-cho, Ise-shi, Mie-ken 516-0021 JAPAN

Telephone : +81 596 24 8116

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Conducted Emission

11n(40HT) Tx Middle Band/Hch(5310MHz), 270Mbps, Used Antenna for Tx: Antenna 1 + 2+ 3

DATA OF CONDUCTED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No. 4 Semi Anechoic Chamber
 Date : 2008/06/04

Company	: silex technology, Inc.	Report No.	: 28IE0116-HO-02
Kind of EUT	: MiniPCI Wireless LAN Board	Power	: DC3.3V (PC input AC120V/60Hz)
Model No.	: SX-10WAN +TT98061	Temp./Humi.	: 23 deg. C. / 64%
Serial No.	: 008092011314 +001,002,003	Operator	: Takumi Shimada

Mode / Remarks : Tx 5310MHz / 11n40HT / Ant:1,2,3

LIMIT : FCC15.207 QP
FCC15.207 AV

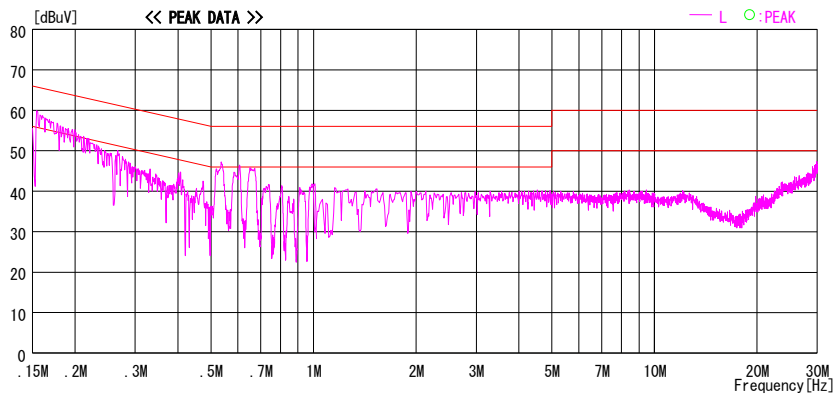
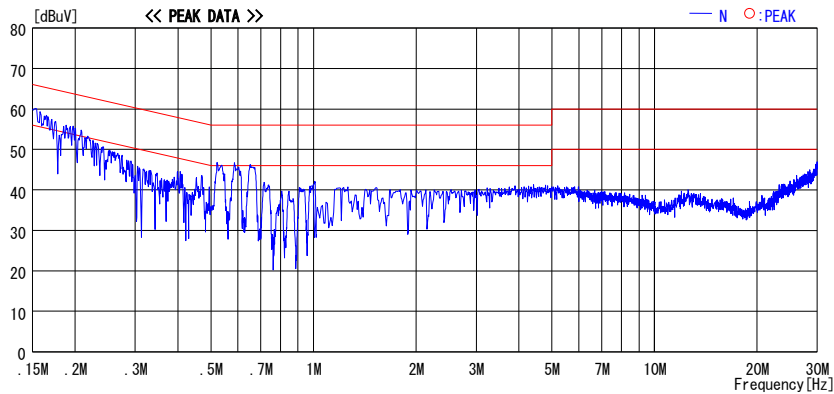


CHART: WITH FACTOR, Peak hold data. CALCURATION: RESULT[dBuV]=READING[dBuV]+C.F[dB] (LISN LOSS+CABLE LOSS)
 Except for the above table : adequate margin data below the limits.

Conducted Emission
11n(40HT) Rx Lower Band/Lch(5190MHz), Used Antenna for Rx: Antenna 1 + 2+ 3

DATA OF CONDUCTED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No. 4 Semi Anechoic Chamber
Date : 2008/06/04

Company : silex technology, Inc. Report No. : 281E0116-HO-02
Kind of EUT : MiniPCI Wireless LAN Board Power : DC3.3V (PC input AC120V/60Hz)
Model No. : SX-10WAN +TT98061 Temp./Humi. : 23 deg. C. / 64%
Serial No. : 008092011314 +001,002,003 Operator : Takumi Shimada

Mode / Remarks : Rx 5190MHz / 11n40HT / Ant:1,2,3

LIMIT : FCC15.207 QP
FCC15.207 AV

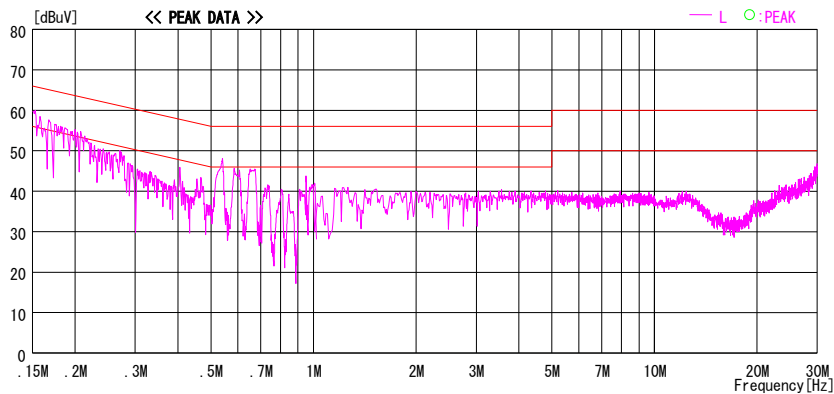
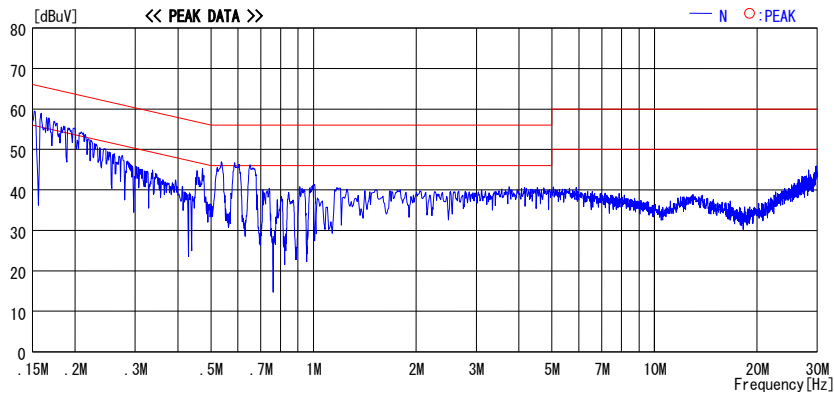


CHART: WITH FACTOR, Peak hold data. CALCULATION: RESULT[dBuV]=READING[dBuV]+C.F[dB] (LISN LOSS+CABLE LOSS)
Except for the above table : adequate margin data below the limits.

Conducted Emission
11n(40HT) Rx Middle Band/Hch(5310MHz), Used Antenna for Rx: Antenna 1 + 2 +3

DATA OF CONDUCTED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No. 4 Semi Anechoic Chamber
 Date : 2008/06/04

Company	: silex technoly. Inc.	Report No.	: 281E0116-HO-02
Kind of EUT	: MiniPCI Wireless LAN Board	Power	: DC3.3V (PC input AC120V/60Hz)
Model No.	: SX-10WAN +TT98061	Temp./Humi.	: 23 deg. C. / 64%
Serial No.	: 008092011314 +001,002,003	Operator	: Takumi Shimada

Mode / Remarks : Rx 5310MHz / 11n40HT / Ant:1,2,3

LIMIT : FCC15.207 QP
FCC15.207 AV

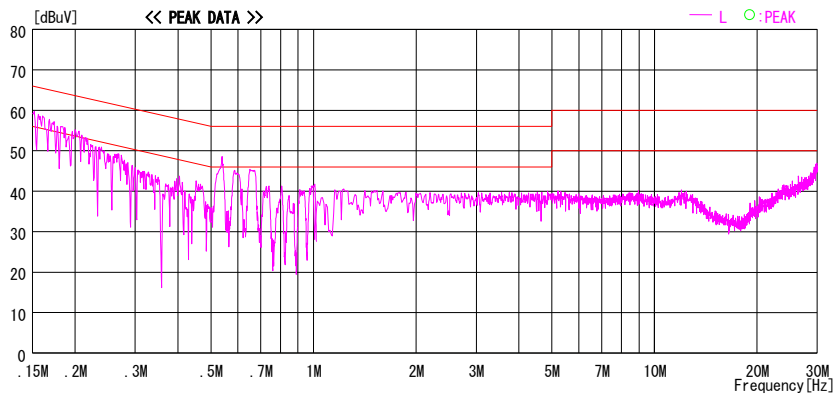
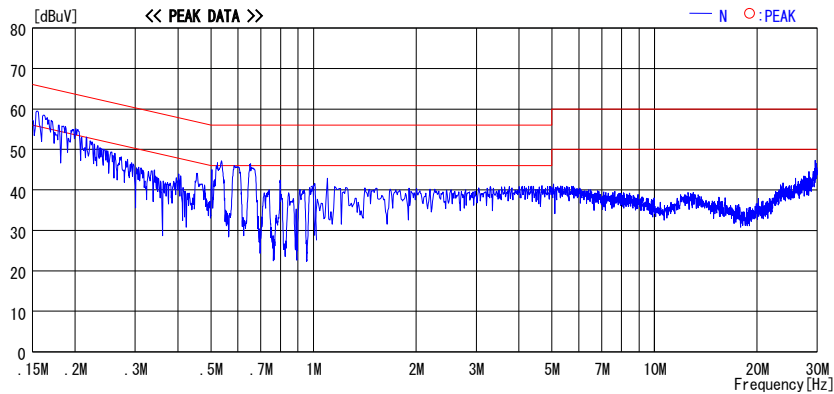


CHART: WITH FACTOR, Peak hold data. CALCURATION: RESULT[dBuV]=READING[dBuV]+C.F[dB] (LISN LOSS+CABLE LOSS)
 Except for the above table : adequate margin data below the limits.

26dB Emission Bandwidth and 99% Occupied Bandwidth

11a

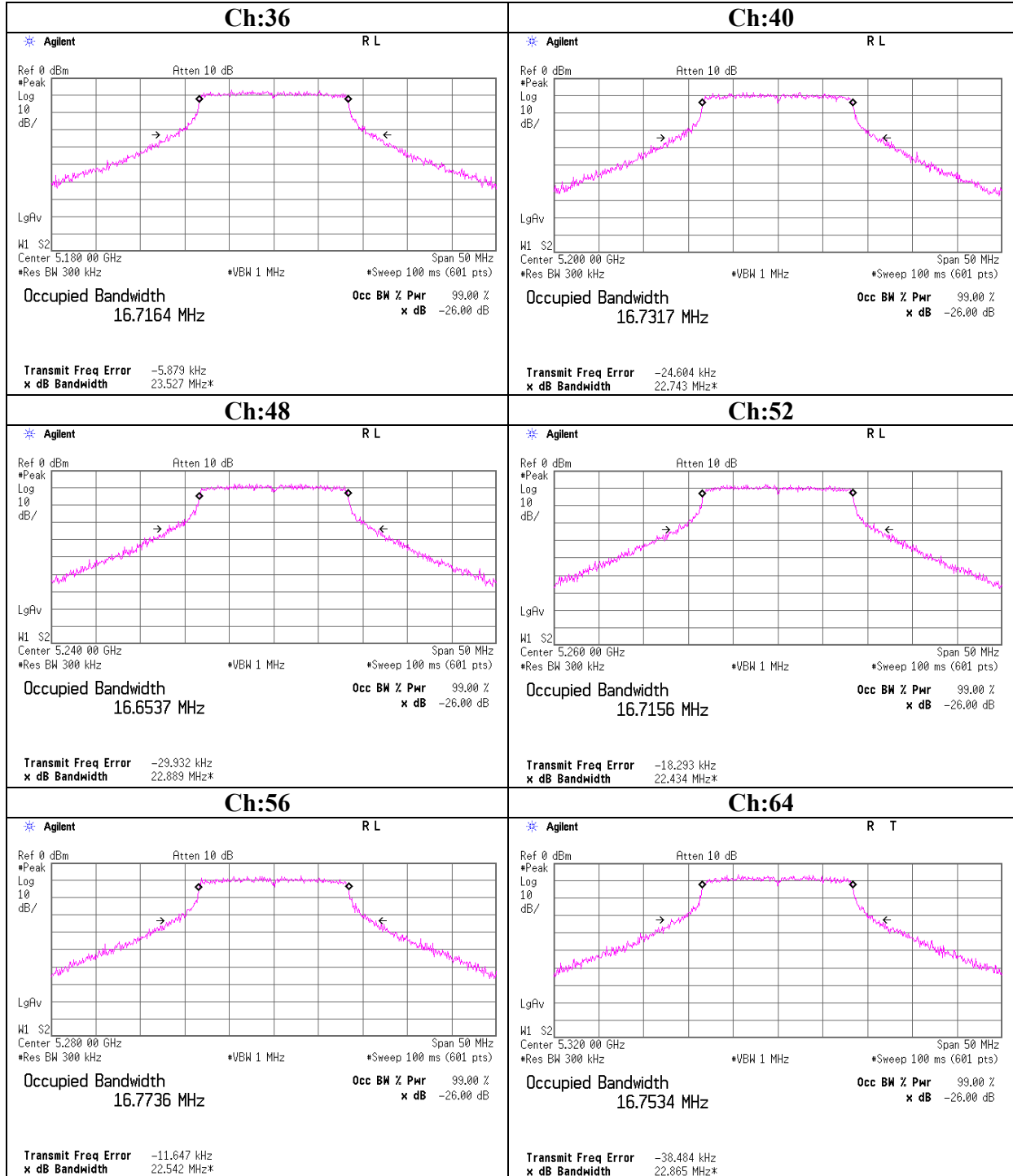
UL Japan, Inc
Head Office EMC Lab. No.11 measurement room

Company	silex technology, Inc.	Regulation	FCC Part15 Subpart E 15.407(a)(1)(2) / RSS-Gen 4.6.1
Equipment	MiniPCI Wireless LAN Board	Test Distance	-
Model	SX-10WAN	Date	May/22/2008
S/N	008092011316	Temperature	23 deg.C.
Power	DC 3.3V	Humidity	58 %
Mode	11a, Tx, 54Mbps, Ant. 3(Worst)	Engineer	Takahiro Hatakeda

Antenna Port	Ch	Freq. [MHz]	26dB Emission Bandwidth [MHz]	99% Occupied Bandwidth [MHz]
3	36	5180.0	23.527	17.388
	40	5200.0	22.743	17.357
	48	5240.0	22.889	17.379
	52	5260.0	22.434	17.384
	56	5280.0	22.542	17.370
	64	5320.0	22.865	17.374

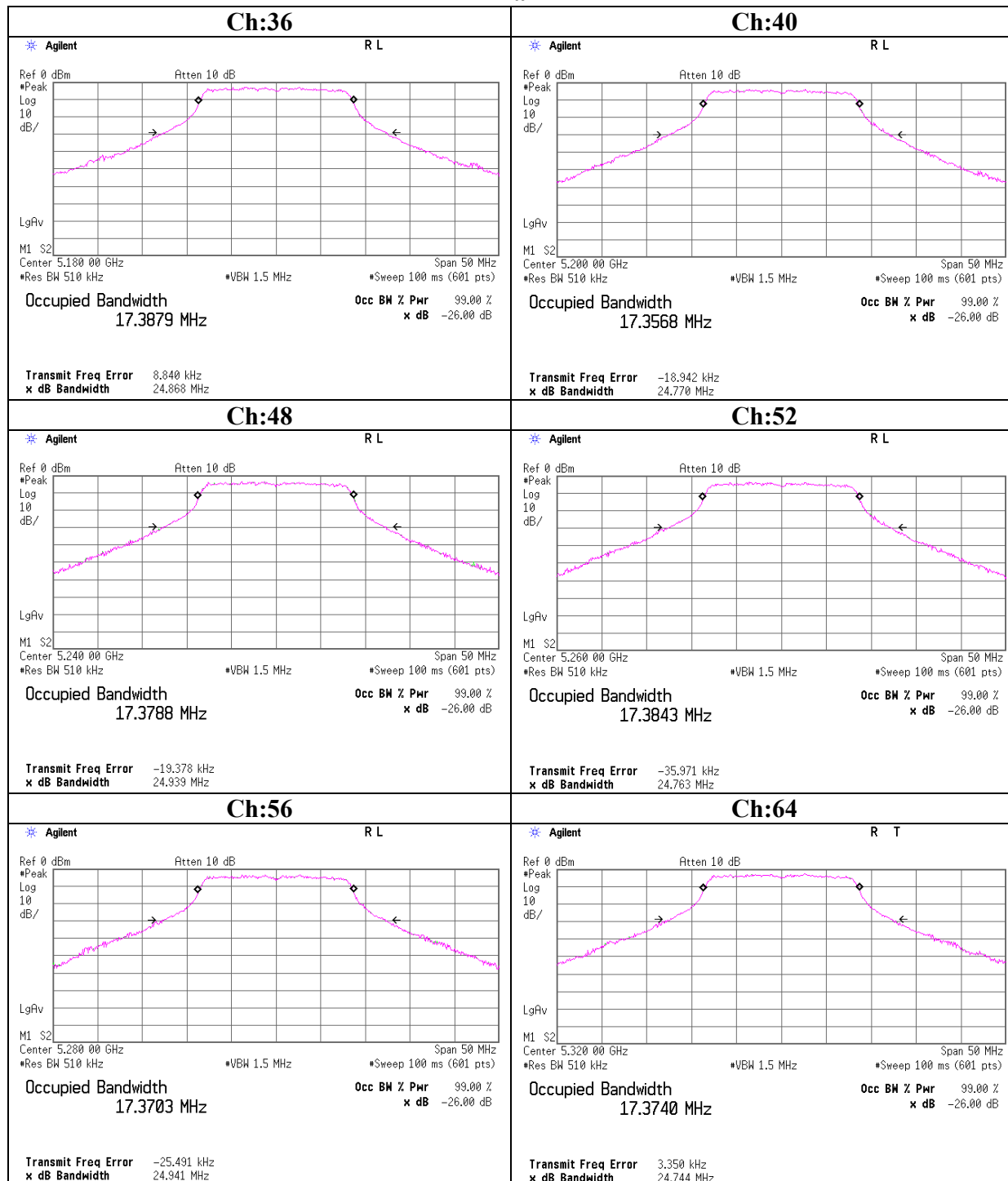
26dB Emission Bandwidth

11a



99% Occupied Bandwidth

11a



26dB Emission Bandwidth and 99% Occupied Bandwidth

11n(20HT)

UL Japan, Inc

Head Office EMC Lab. No.11 measurement room

Company : silex technology, Inc.
Equipment : MiniPCI Wireless LAN Board
Model : SX-10WAN
S/N : 008092011316 (Ant. 1, Ant. 2, Ant. 3),
008092011314 (Ant. 1+Ant. 2+Ant. 3)
Power : DC 3.3V
Mode : 11n, 20HT, Tx, 130Mbps

Regulation : FCC Part15 Subpart E 15.407(a)(1)(2) / RSS-Gen 4.6.1
Test Distance : -
Date : May/22/2008 June/07/2008
Temperature : 23 deg.C. 24deg.C.
Humidity : 58 % 64%
Engineer : Takahiro Hatakeda Takahiro Hatakeda

Antenna Port	Ch	Freq. [MHz]	26dB Emission Bandwidth [MHz]	99% Occupied Bandwidth [MHz]
1+2+3	36	5180.0	22.721	18.369
	40	5200.0	21.982	18.331
	48	5240.0	22.372	18.175
	52	5260.0	22.503	18.330
	56	5280.0	22.017	18.182
	64	5320.0	21.183	18.347
1	36	5180.0	23.273	18.280
	40	5200.0	23.484	18.317
	48	5240.0	23.275	18.288
	52	5260.0	22.485	18.312
	56	5280.0	22.984	18.308
	64	5320.0	23.053	18.315
2	36	5180.0	23.136	18.312
	40	5200.0	22.953	18.308
	48	5240.0	22.020	18.292
	52	5260.0	22.787	18.302
	56	5280.0	22.489	18.267
	64	5320.0	22.057	18.256
3	36	5180.0	23.085	18.434
	40	5200.0	23.761	18.380
	48	5240.0	22.272	18.333
	52	5260.0	23.158	18.362
	56	5280.0	22.654	18.360
	64	5320.0	23.443	18.431

UL Japan, Inc.

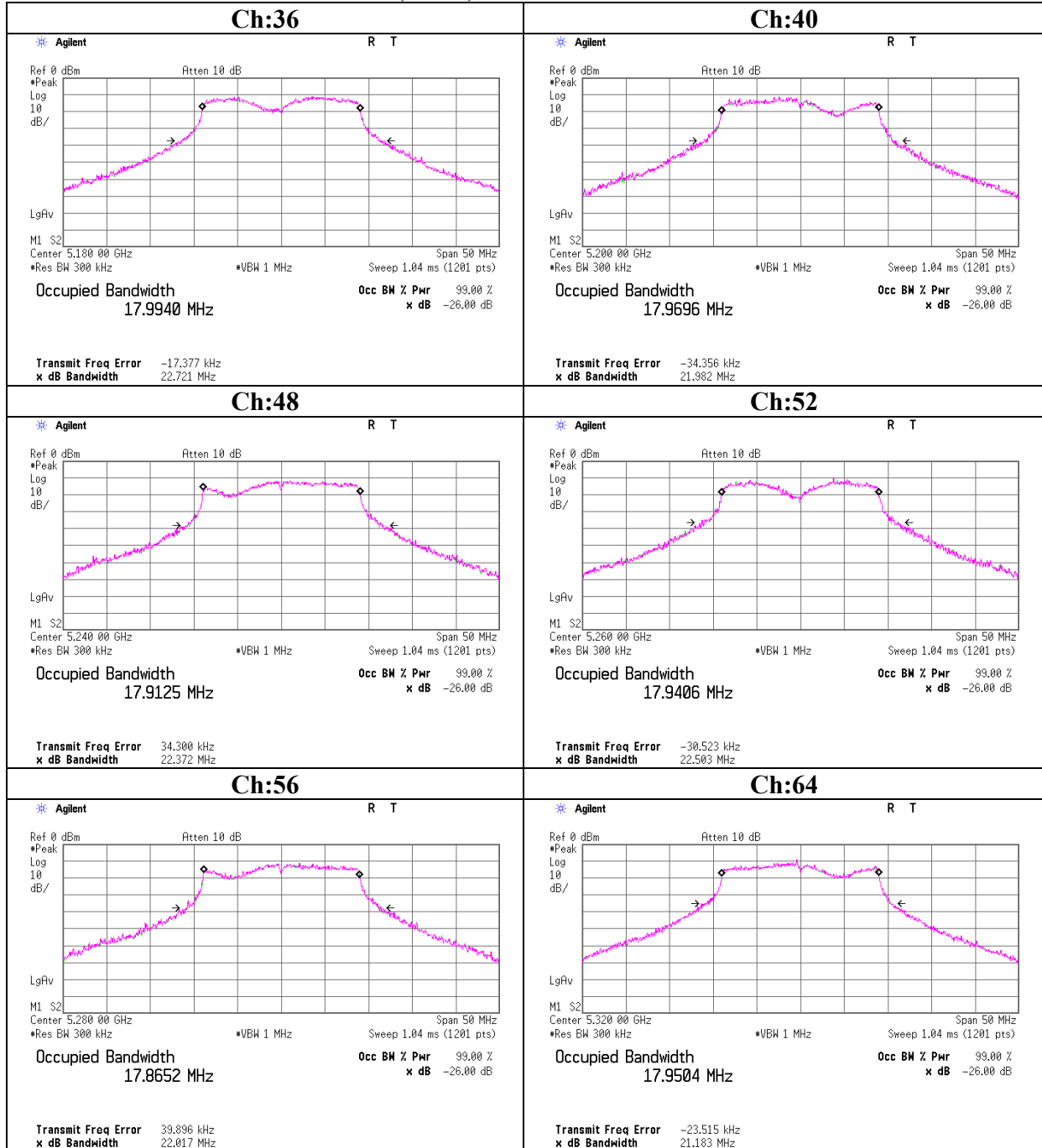
Head Office EMC Lab.

4383-326 Asama-cho, Ise-shi, Mie-ken 516-0021 JAPAN

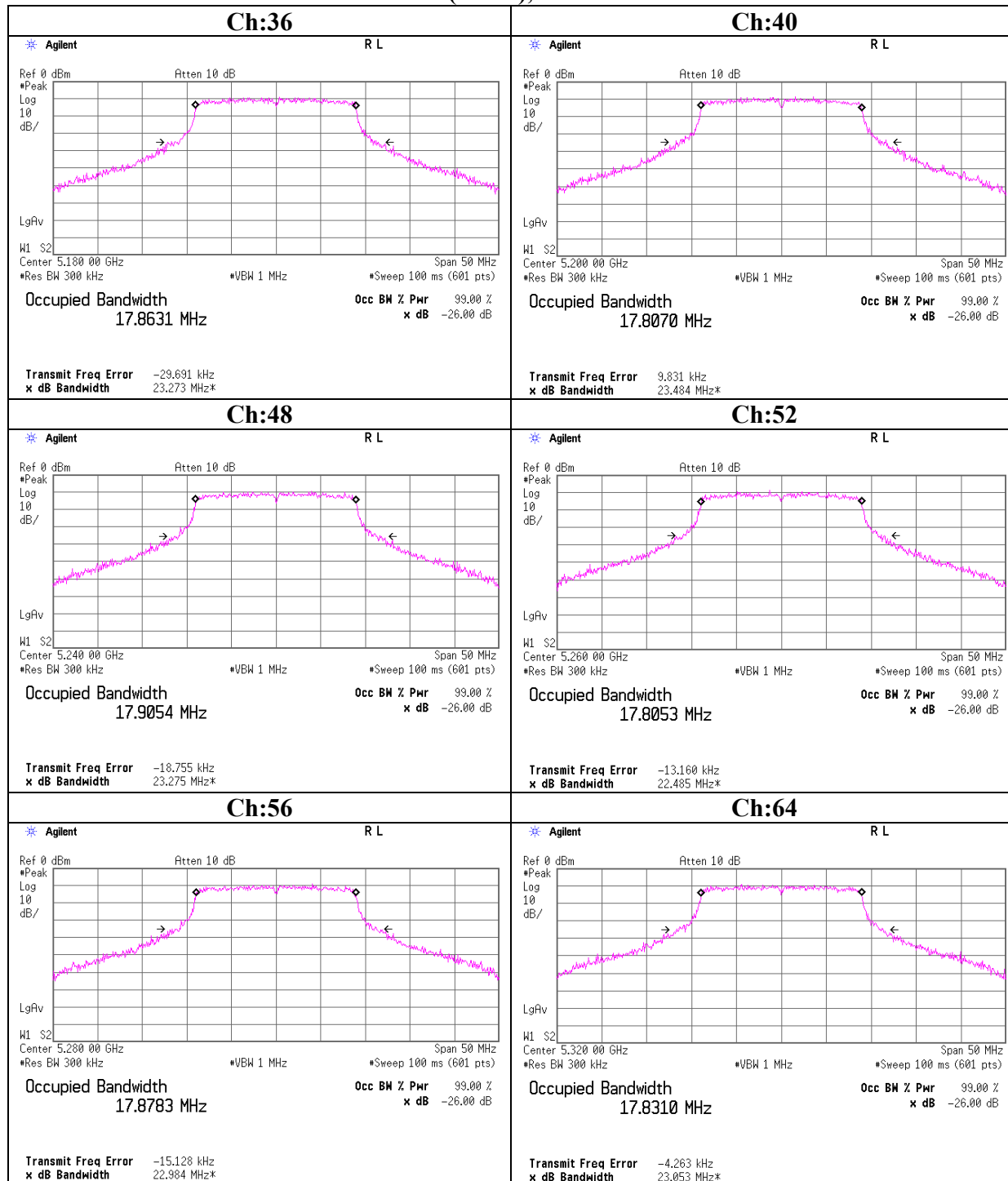
Telephone : +81 596 24 8116

Facsimile : +81 596 24 8124

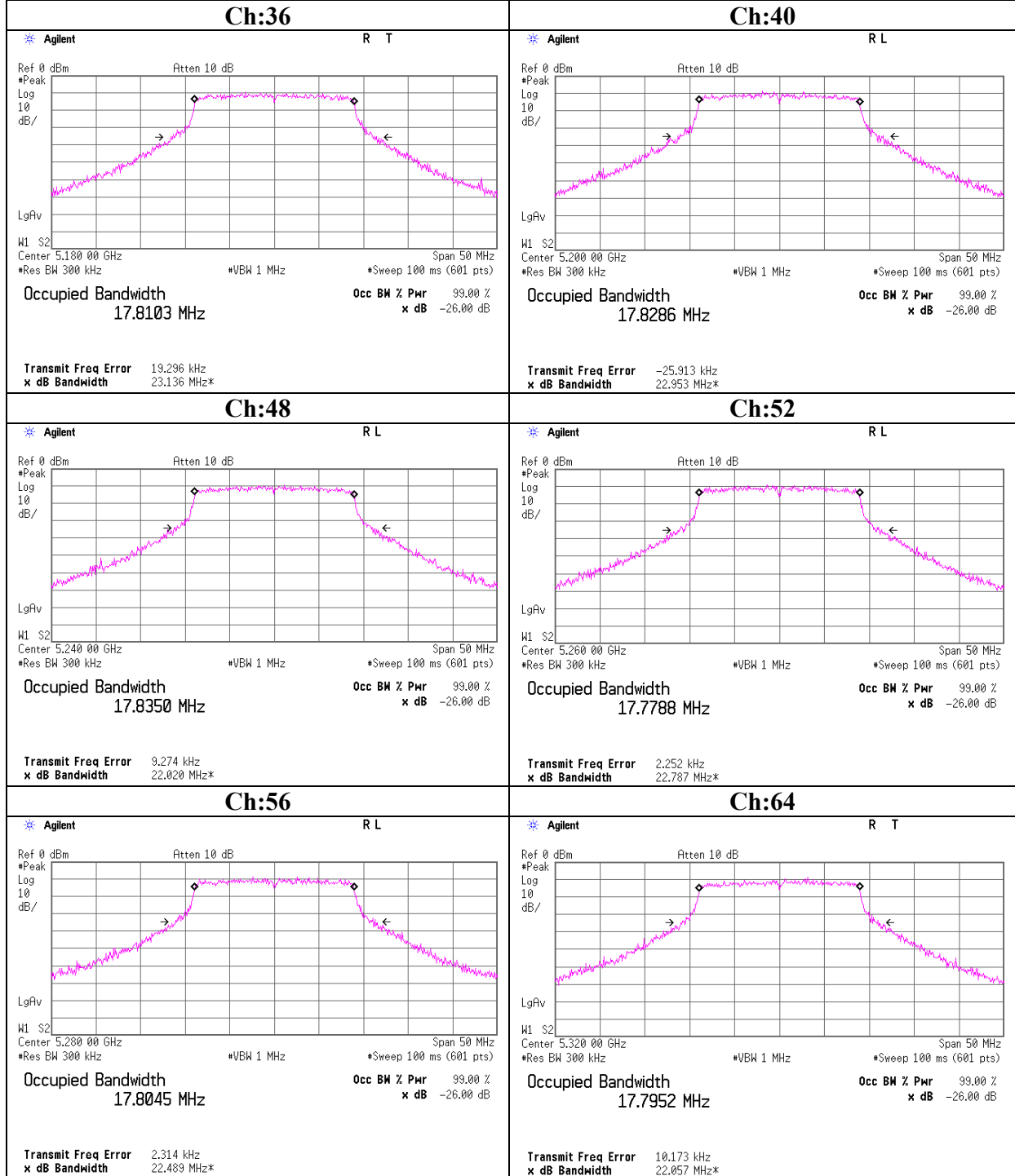
26dB Emission Bandwidth
11n(20HT), Ant1+Ant2+Ant3



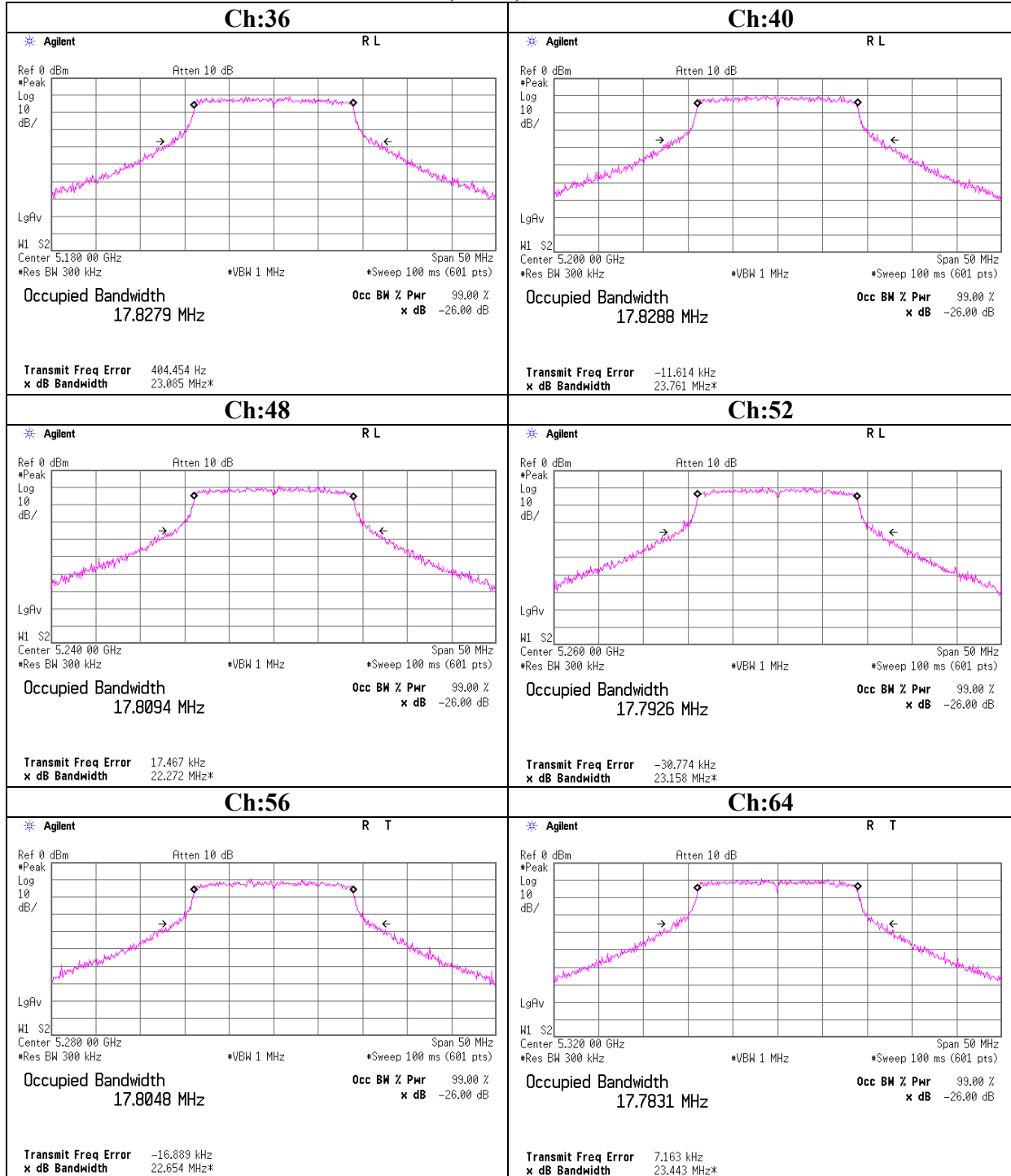
26dB Emission Bandwidth
11n(20HT), Ant. 1



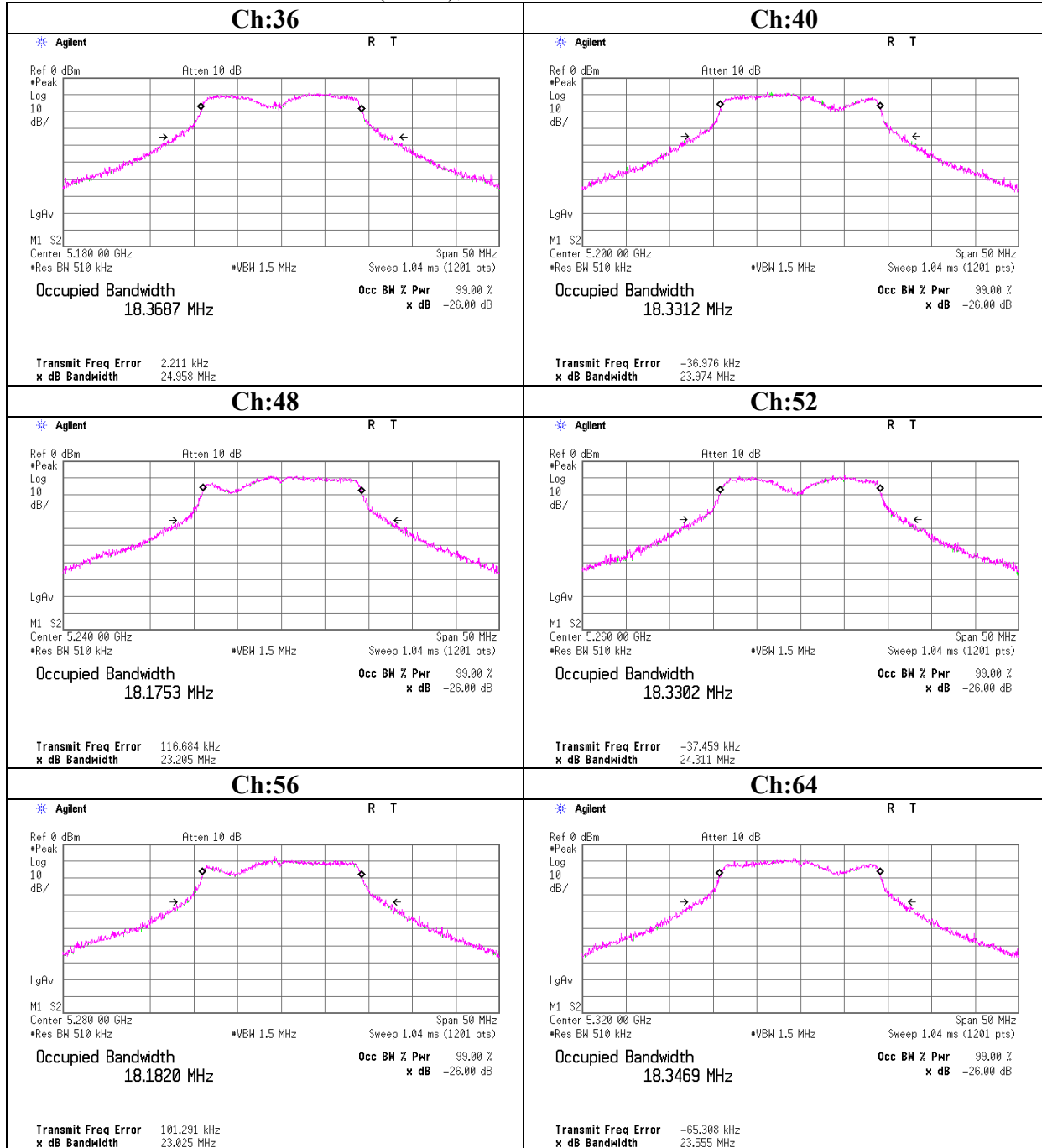
26dB Emission Bandwidth
11n(20HT), Ant. 2



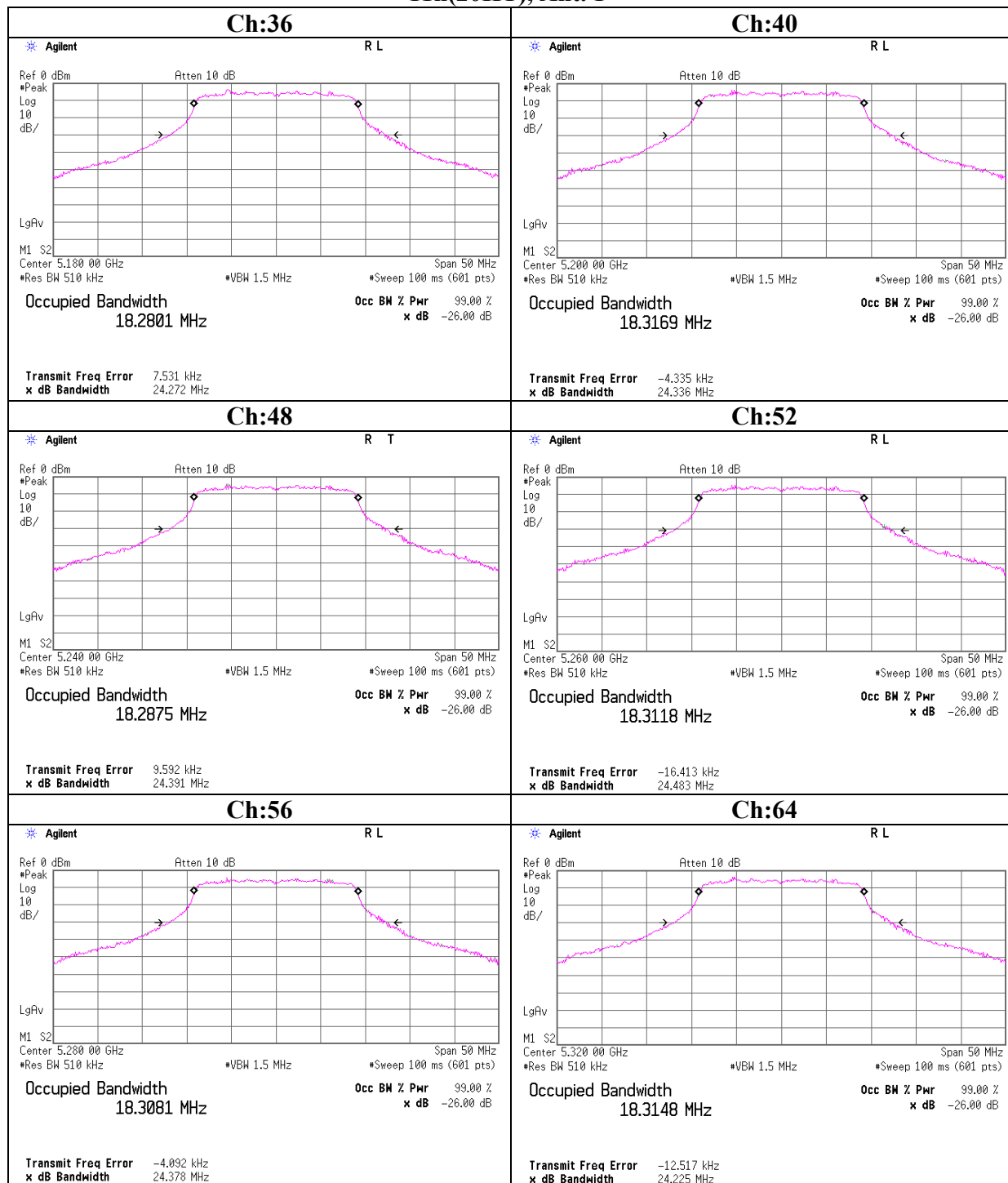
26dB Emission Bandwidth
11n(20HT), Ant. 3



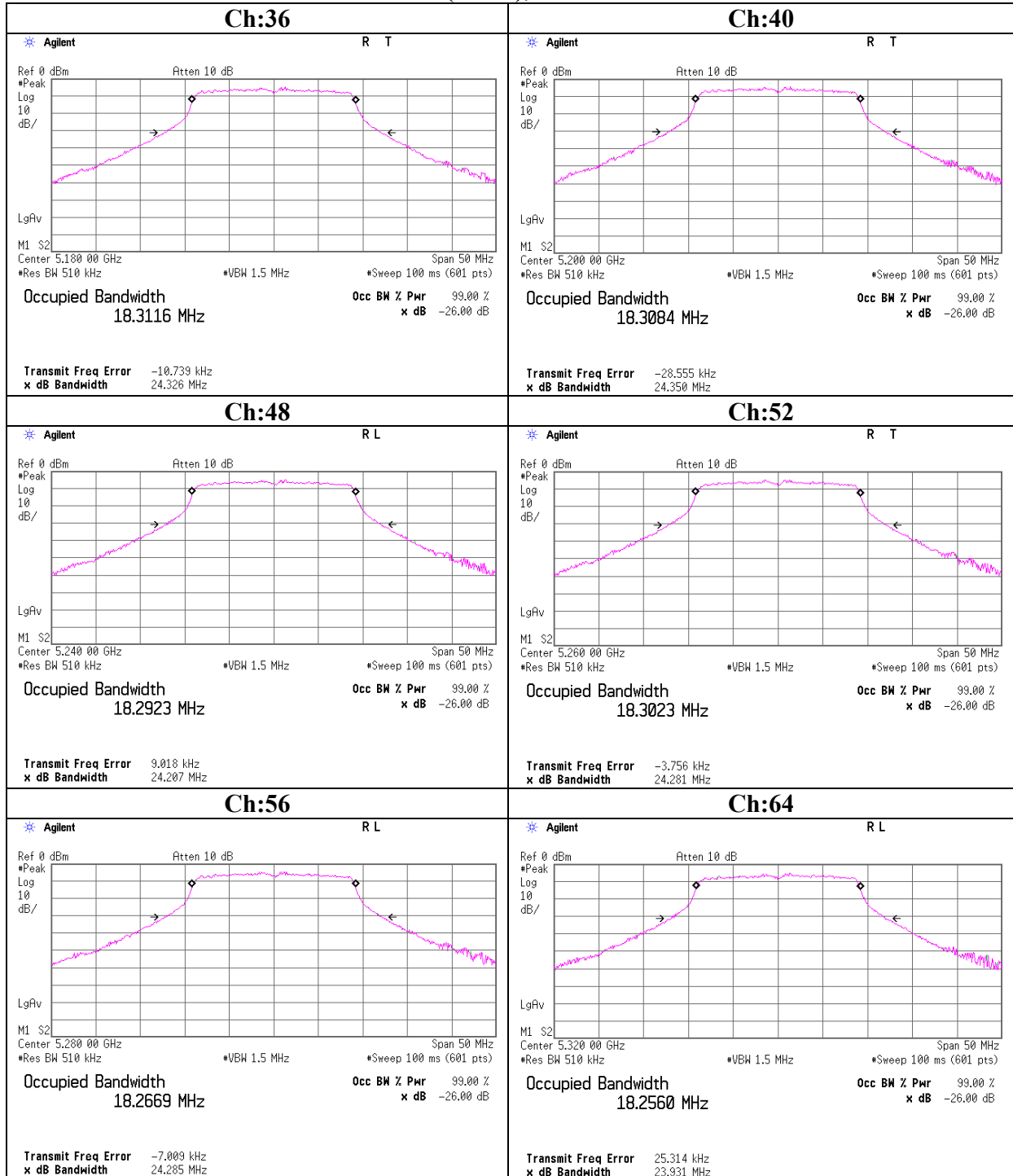
99% Occupied Bandwidth
11n(20HT), Ant. 1+Ant. 2+Ant. 3



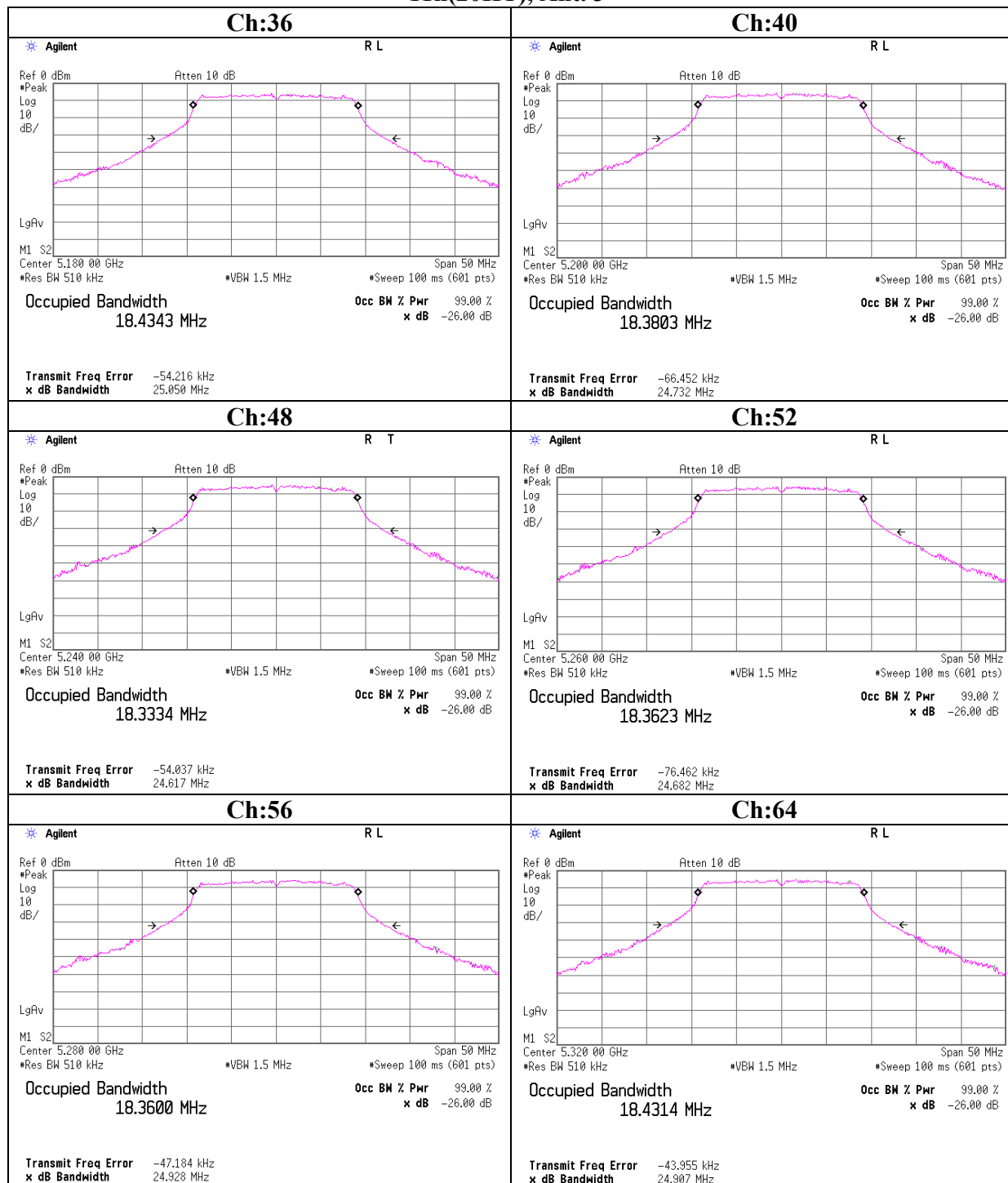
99% Occupied Bandwidth
11n(20HT), Ant. 1



99% Occupied Bandwidth
11n(20HT), Ant. 2



99% Occupied Bandwidth
11n(20HT), Ant. 3



26dB Emission Bandwidth and 99% Occupied Bandwidth

11n(40HT)

UL Japan, Inc

Head Office EMC Lab. No.11 measurement room

Company : silex technology, Inc.
Equipment : MiniPCI Wireless LAN Board
Model : SX-10WAN
S/N : 008092011316 (Ant1, Ant2, Ant3),
008092011314 (Ant1+Ant2+Ant3)
Power : DC 3.3V
Mode : 11n(40HT), Tx, 270Mbps

Regulation : FCC Part15 Subpart E 15.407(a)(1)(2) / RSS-Gen 4.6.1
Test Distance : -
Date : May/22/2008 June/07/2008
Temperature : 23 deg.C. 24deg.C.
Humidity : 58 % 64%
Engineer : Takahiro Hatakeda Takahiro Hatakeda

Antenna Port	Ch	Freq. [MHz]	26dB Emission Bandwidth [MHz]	99% Occupied Bandwidth [MHz]
1+2+3	38	5190.0	40.698	37.026
	46	5230.0	41.904	36.972
	54	5270.0	44.573	37.312
	62	5310.0	41.225	37.092
1	38	5190.0	42.433	37.453
	46	5230.0	43.831	37.417
	54	5270.0	42.229	37.444
	62	5310.0	43.050	37.548
2	38	5190.0	43.231	37.510
	46	5230.0	42.114	37.437
	54	5270.0	42.470	37.469
	62	5310.0	42.899	37.353
3	38	5190.0	42.173	37.357
	46	5230.0	42.472	37.403
	54	5270.0	42.487	37.400
	62	5310.0	41.990	36.644

UL Japan, Inc.

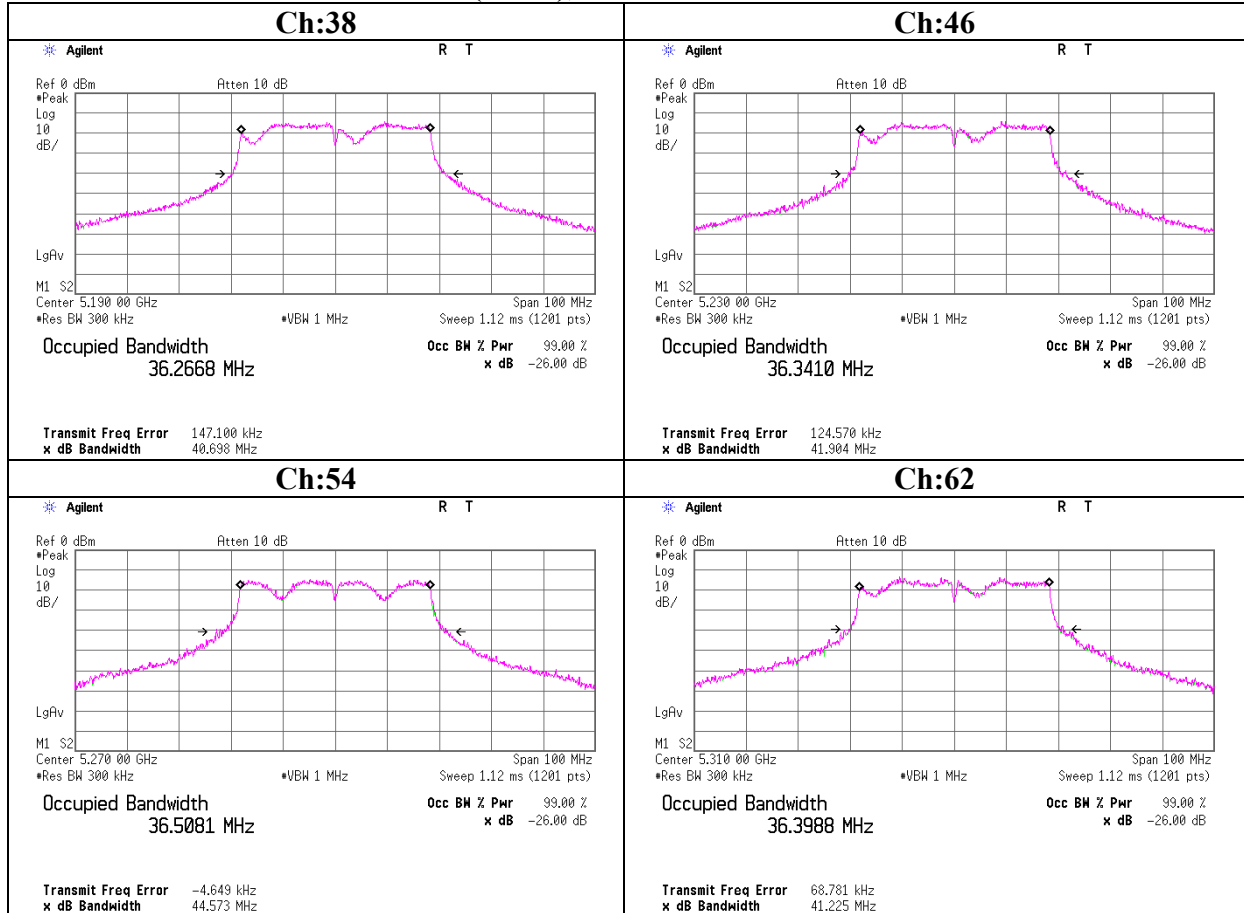
Head Office EMC Lab.

4383-326 Asama-cho, Ise-shi, Mie-ken 516-0021 JAPAN

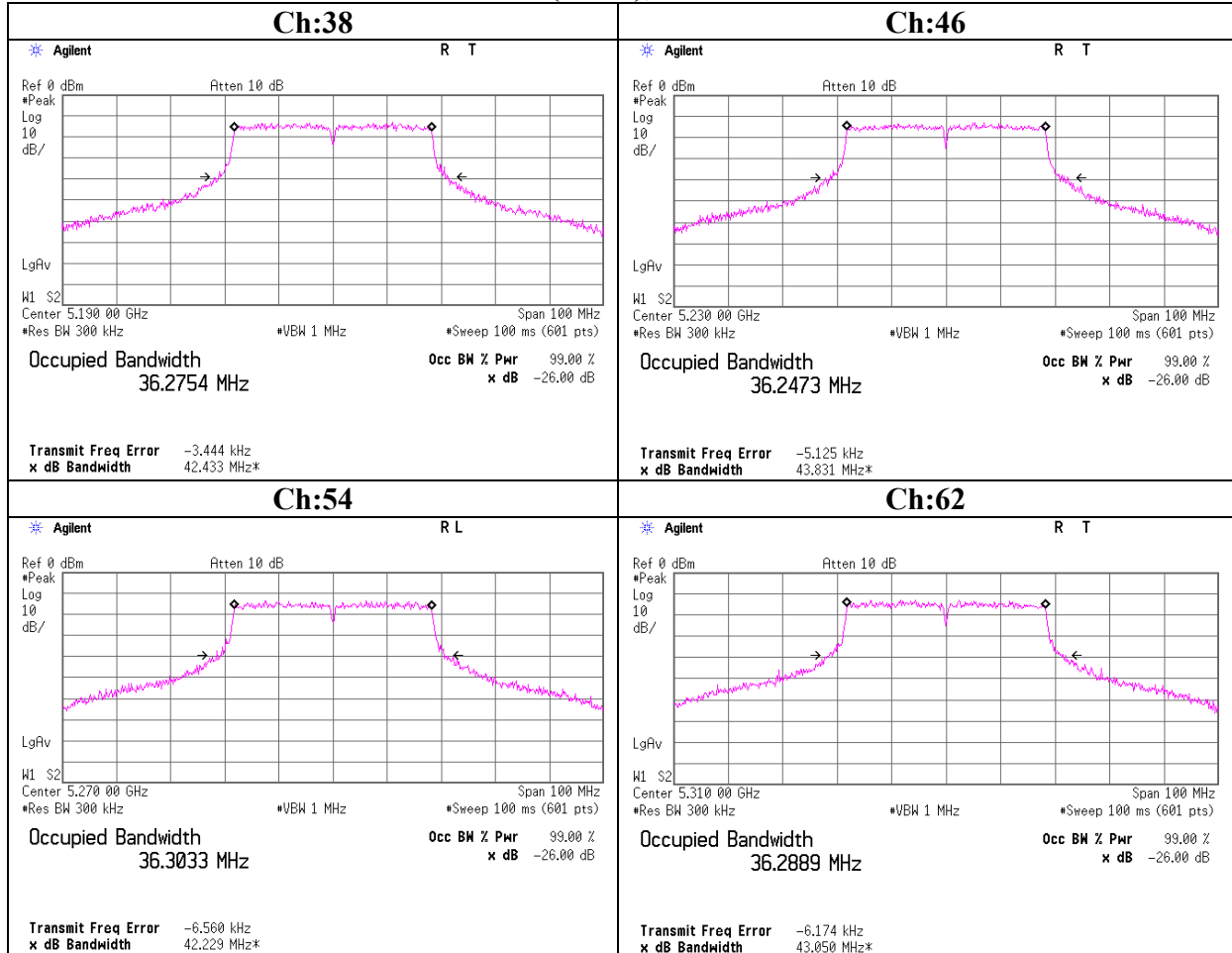
Telephone : +81 596 24 8116

Facsimile : +81 596 24 8124

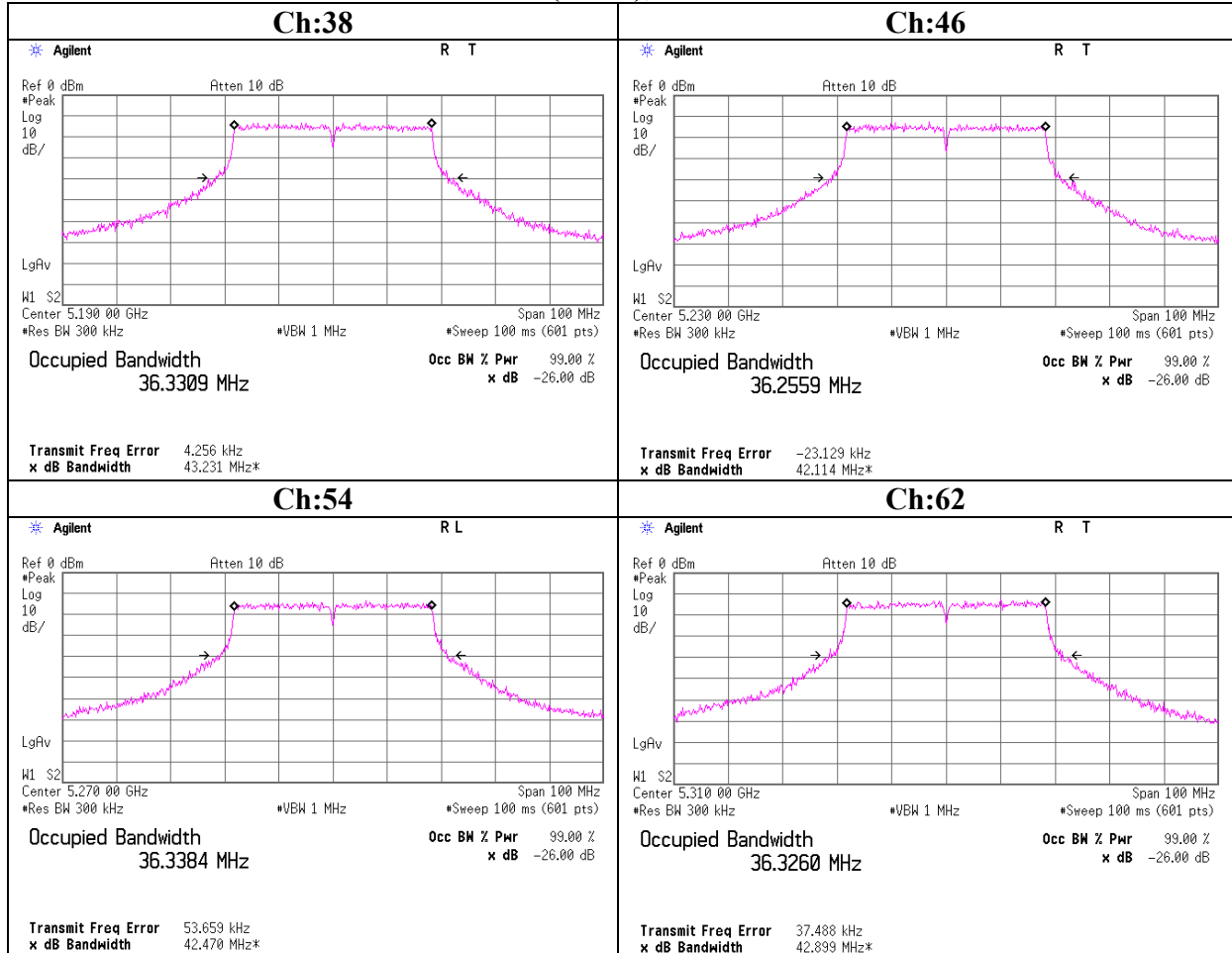
26dB Emission Bandwidth
11n(40HT), Ant1+Ant2+Ant3



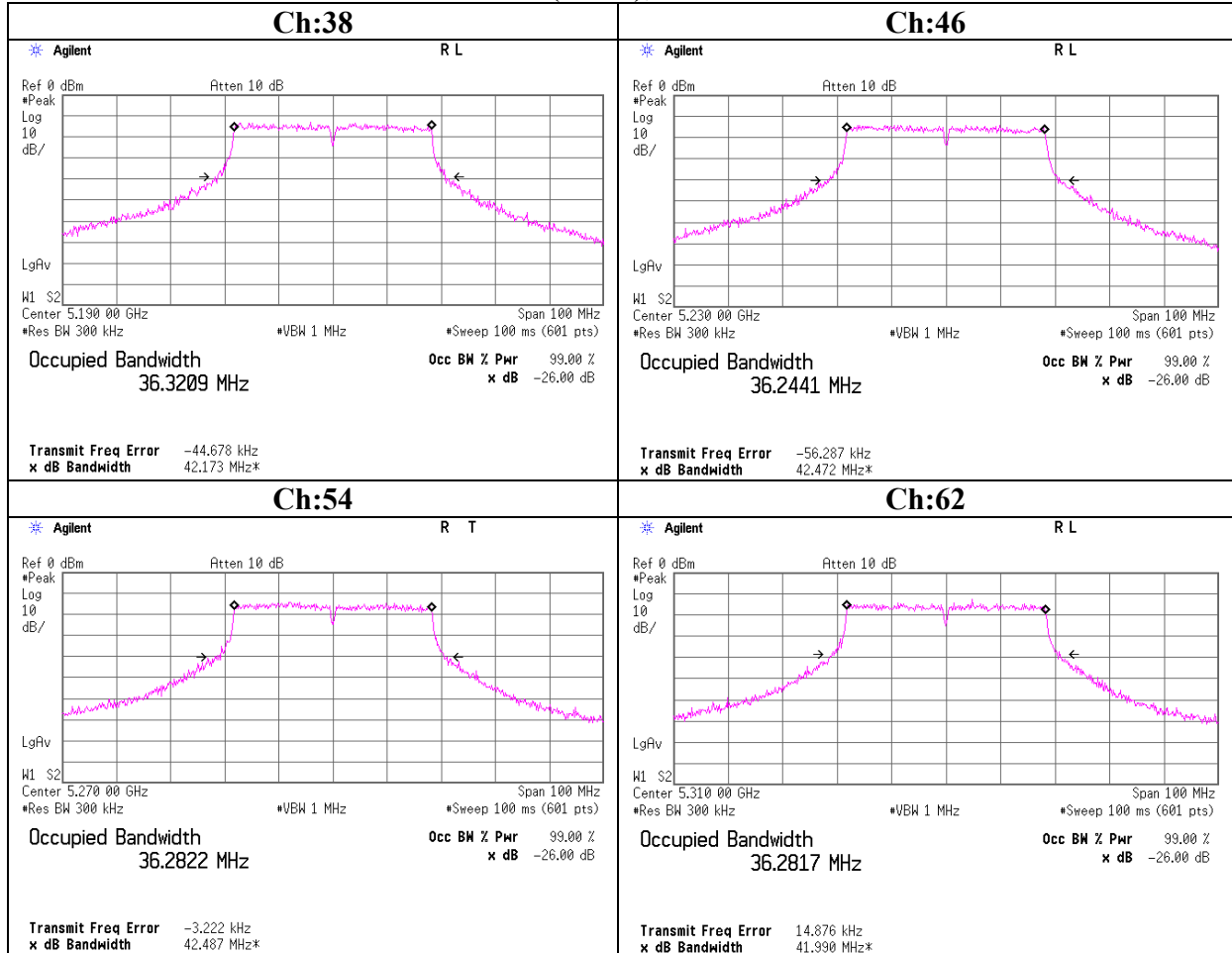
26dB Emission Bandwidth
11n(40HT), Ant1



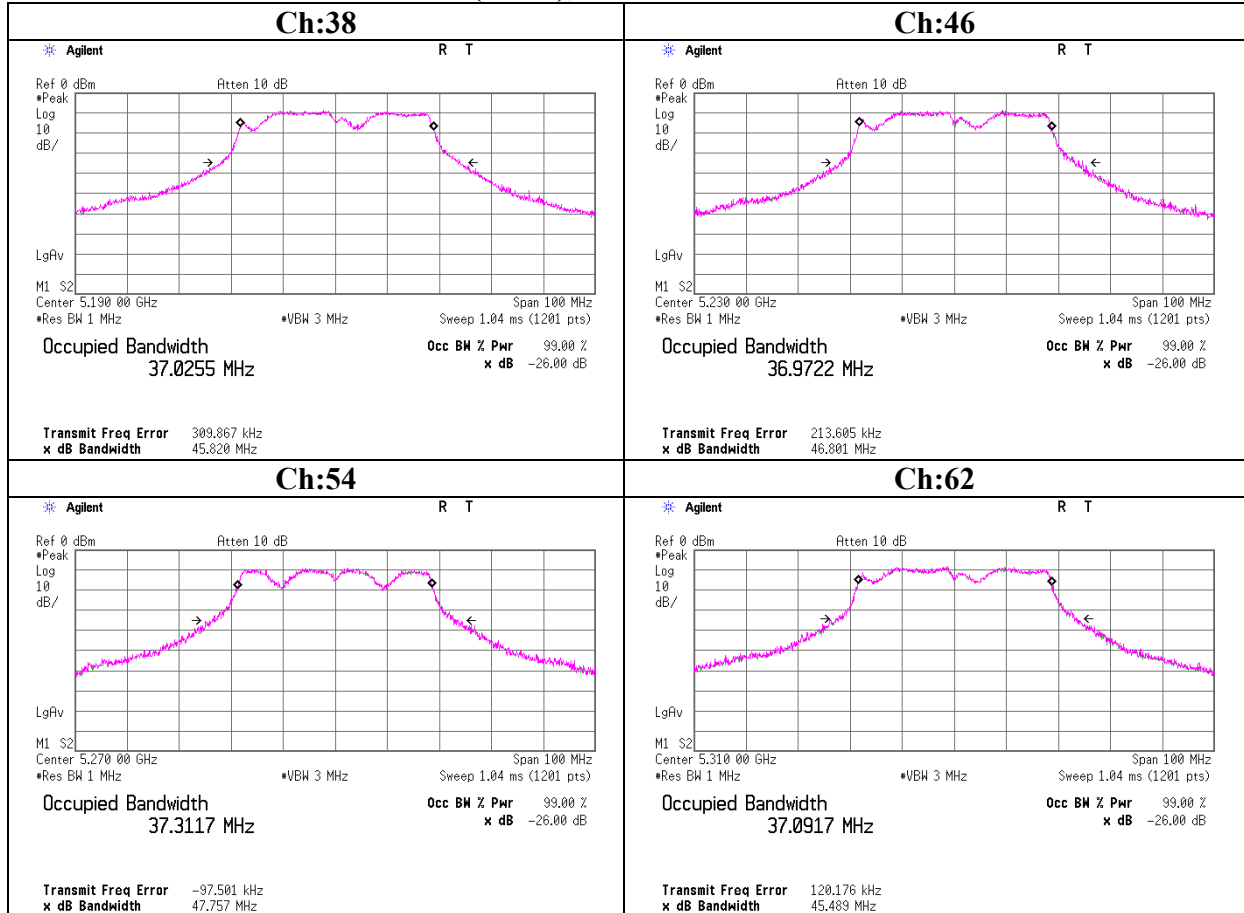
26dB Emission Bandwidth
11n(40HT), Ant2



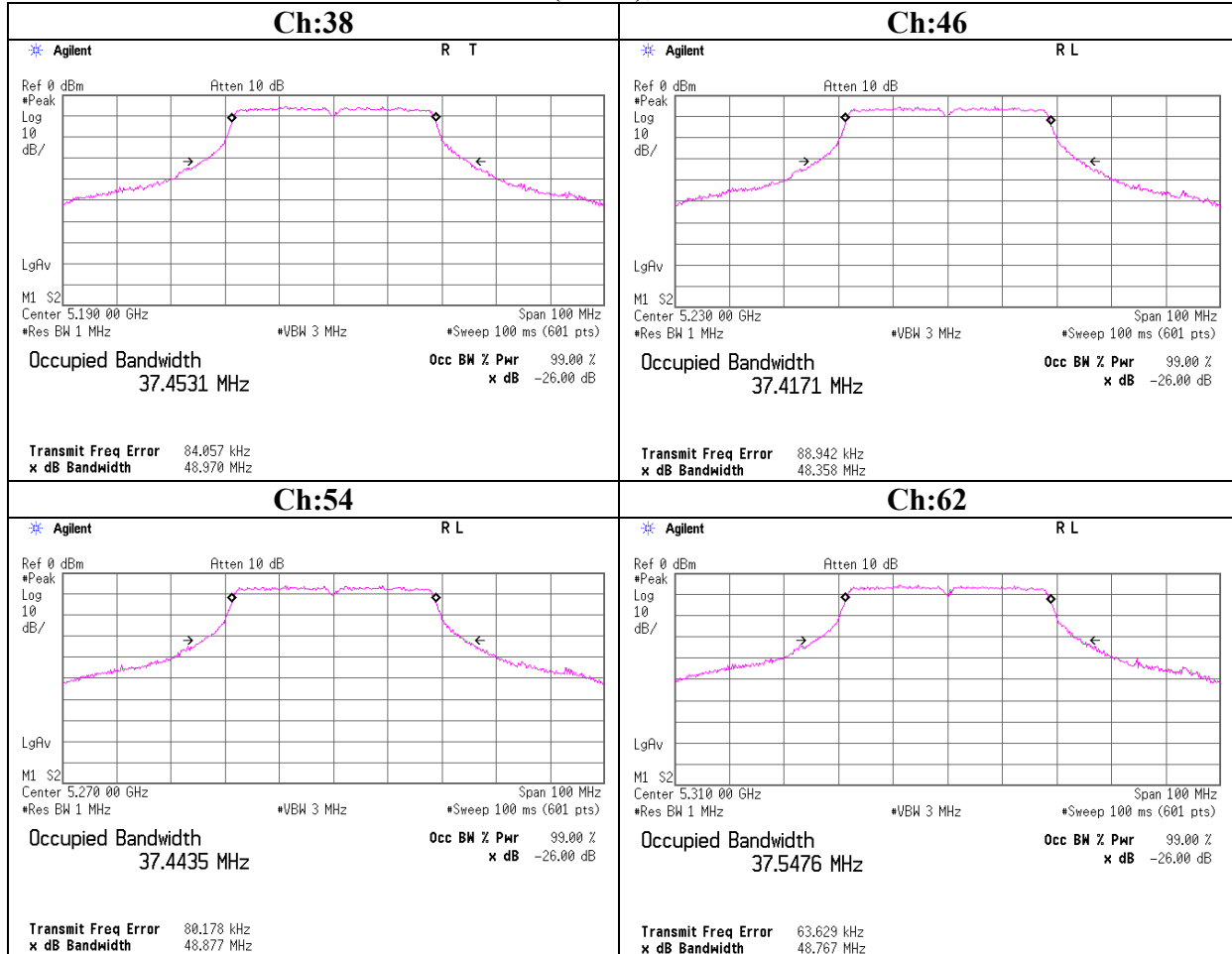
26dB Emission Bandwidth
11n(40HT), Ant3



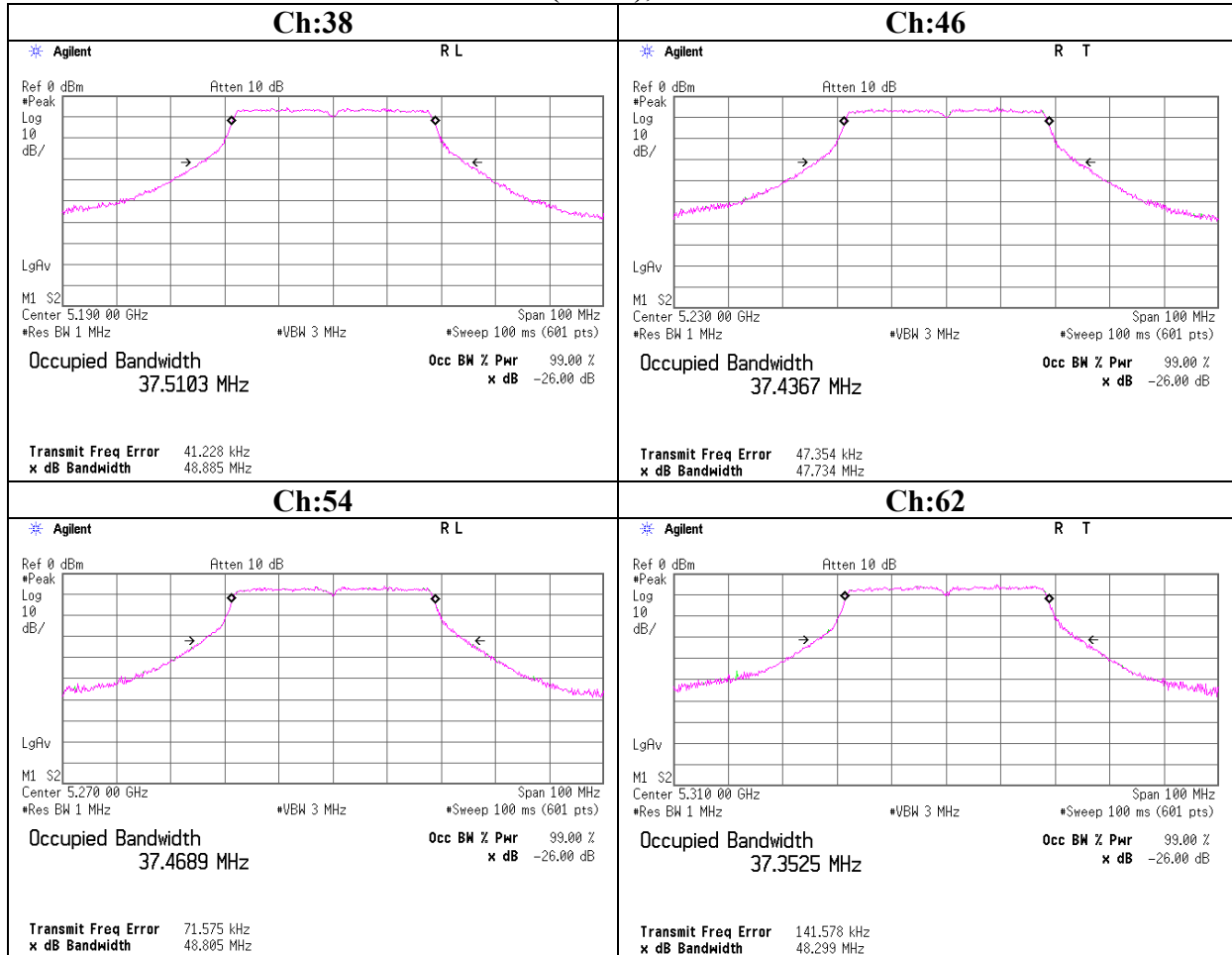
99% Occupied Bandwidth
11n(40HT), Ant1+Ant2+Ant3



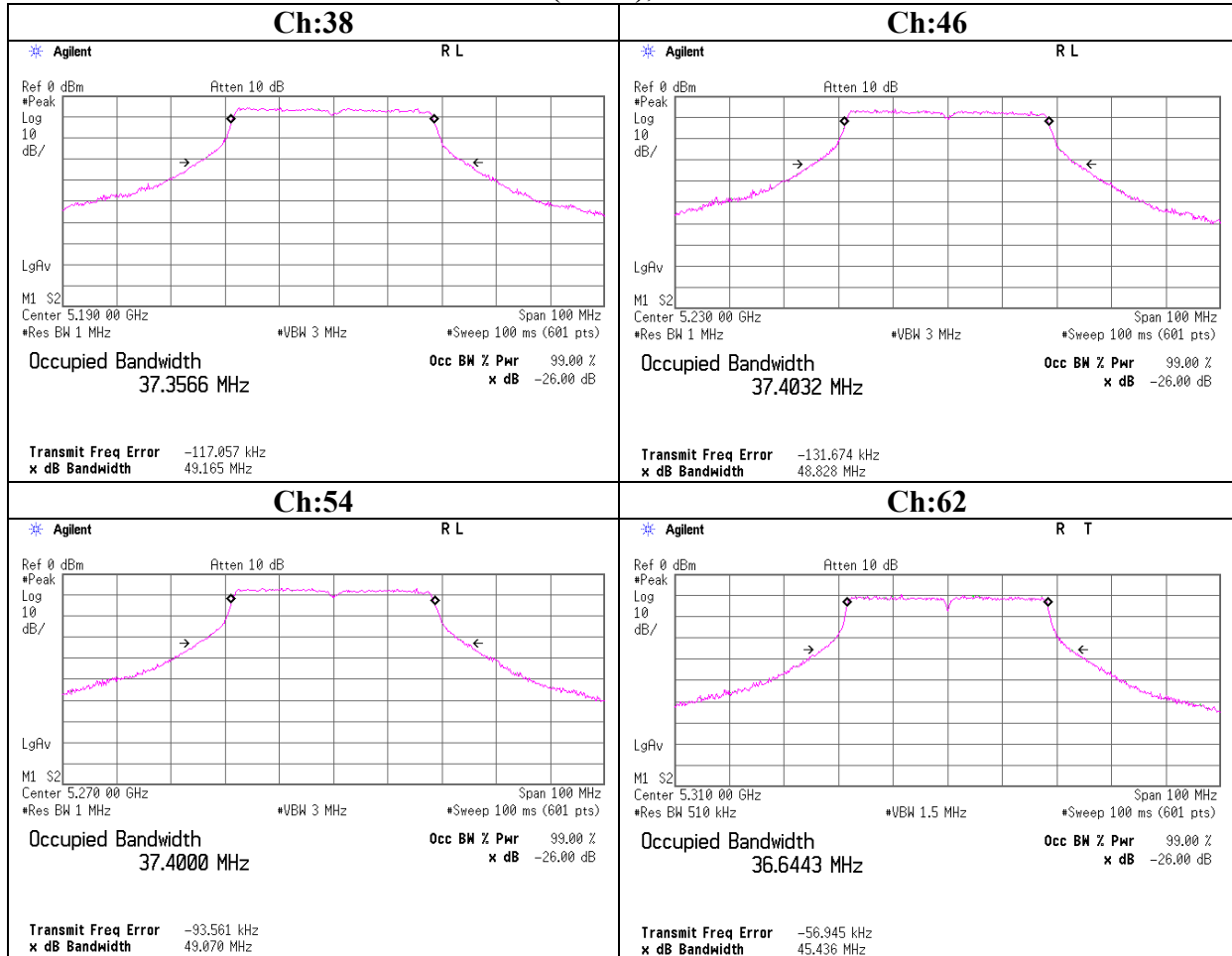
99% Occupied Bandwidth
11n(40HT), Ant1



99% Occupied Bandwidth
11n(40HT), Ant2



99% Occupied Bandwidth
11n(40HT), Ant3



Fundamental 20dBc bandedge points

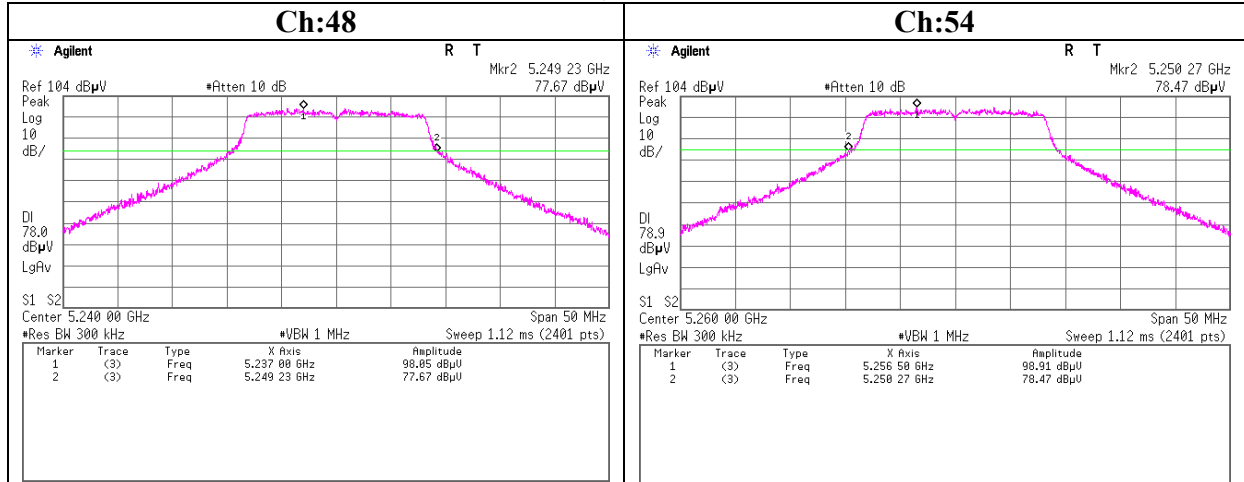
	UL Japan, Inc
	Head Office EMC Lab. No.7 measurement room
Company	silex technology, Inc.
Equipment	MiniPCI Wireless LAN Board
Model	SX-10WAN
S/N	008092011316 (Ant. 1, Ant. 2, Ant. 3), 008092011314 (Ant1+Ant2+Ant3)
Power	DC 3.3V
Mode	11a, Tx, 54Mbps 11n, 20HT, Tx, 130Mbps 11n, 40HT, Tx, 270Mbps
	Regulation FCC Part15 Subpart C 15.215(c)
	Test Distance -
	Date May/13/2009
	Temperature 24 deg.C.
	Humidity 49 %
	Engineer Tomotaka Sasagawa

	Antenna Port	Ch	Freq. [MHz]	20dBc EBW Lower Frequency [MHz]	Limit [MHz]	Margin [MHz]
11a	3	48	5240.0	5249.230	5250.000	0.770
11n(20HT)	1	48	5240.0	5249.710	5250.000	0.290
	2	48	5240.0	5249.850	5250.000	0.150
	3	48	5240.0	5249.850	5250.000	0.150
	1+2+3	48	5240.0	5249.188	5250.000	0.812
11n(40HT)	1	46	5230.0	5249.700	5250.000	0.300
	2	46	5230.0	5249.700	5250.000	0.300
	3	46	5230.0	5249.500	5250.000	0.500
	1+2+3	46	5230.0	5249.420	5250.000	0.580

	Antenna Port	Ch	Freq. [MHz]	20dBc EBW Upper Frequency [MHz]	Limit [MHz]	Margin [MHz]
11a	3	52	5260.0	5250.270	5250.000	0.270
11n(20HT)	1	52	5260.0	5250.380	5250.000	0.380
	2	52	5260.0	5250.100	5250.000	0.100
	3	52	5260.0	5250.080	5250.000	0.080
	1+2+3	52	5260.0	5250.417	5250.000	0.417
11n(40HT)	1	54	5270.0	5250.200	5250.000	0.200
	2	54	5270.0	5250.600	5250.000	0.600
	3	54	5270.0	5250.300	5250.000	0.300
	1+2+3	54	5270.0	5250.620	5250.000	0.620

Fundamental 20dBc bandedge points

11a, Ant3



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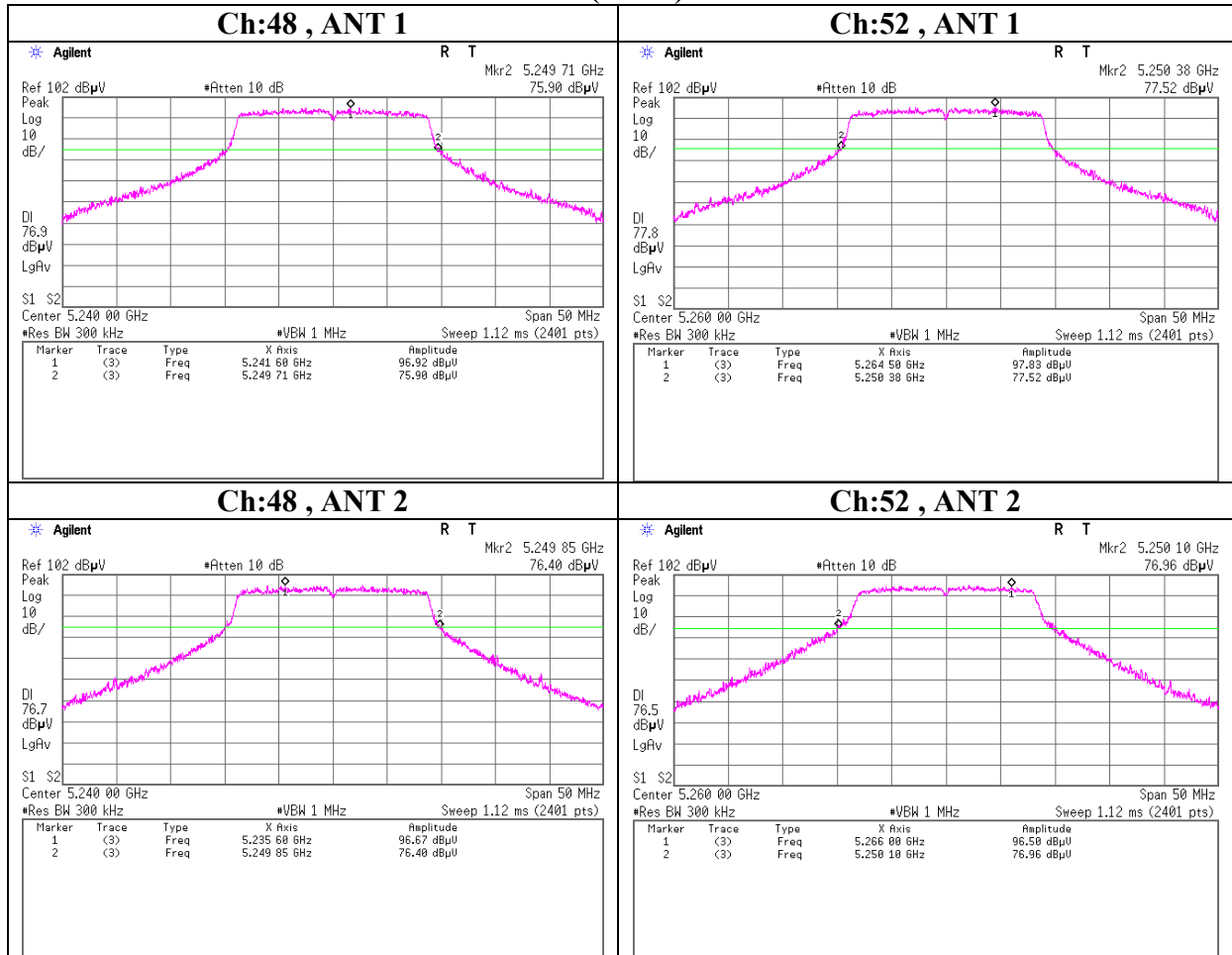
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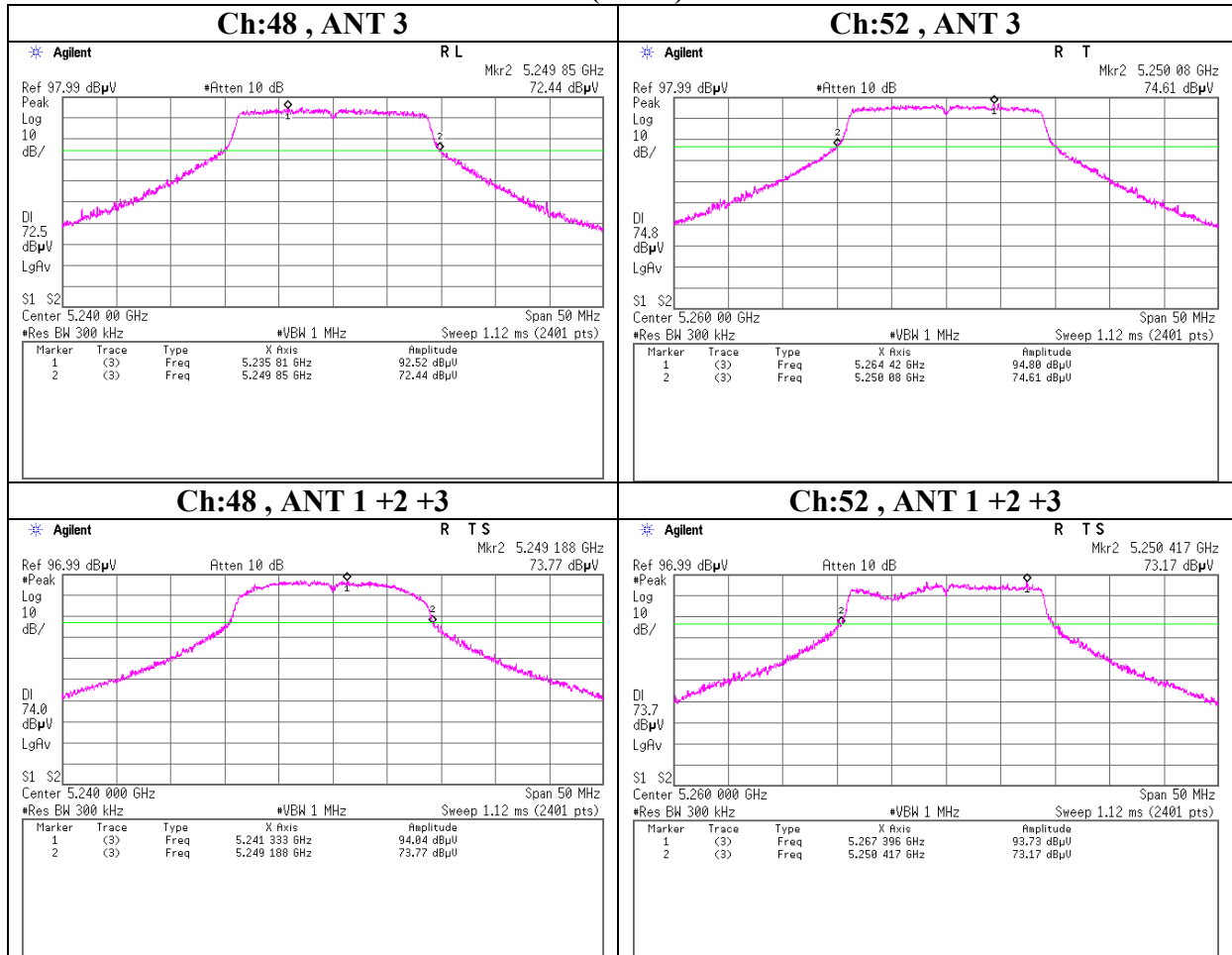
Fundamental 20dBc bandedge points

11n(20HT)



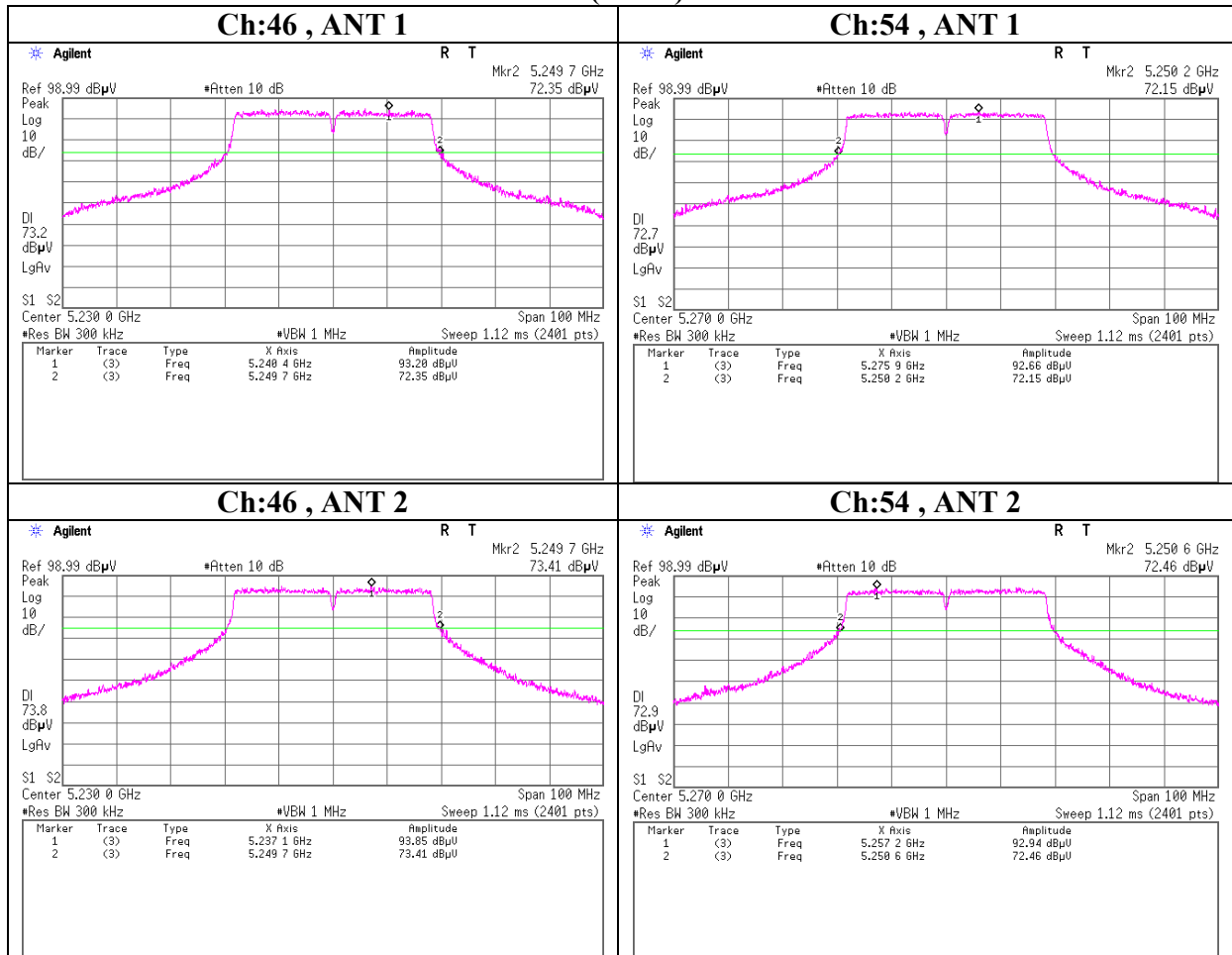
Fundamental 20dBc bandedge points

11n(20HT)



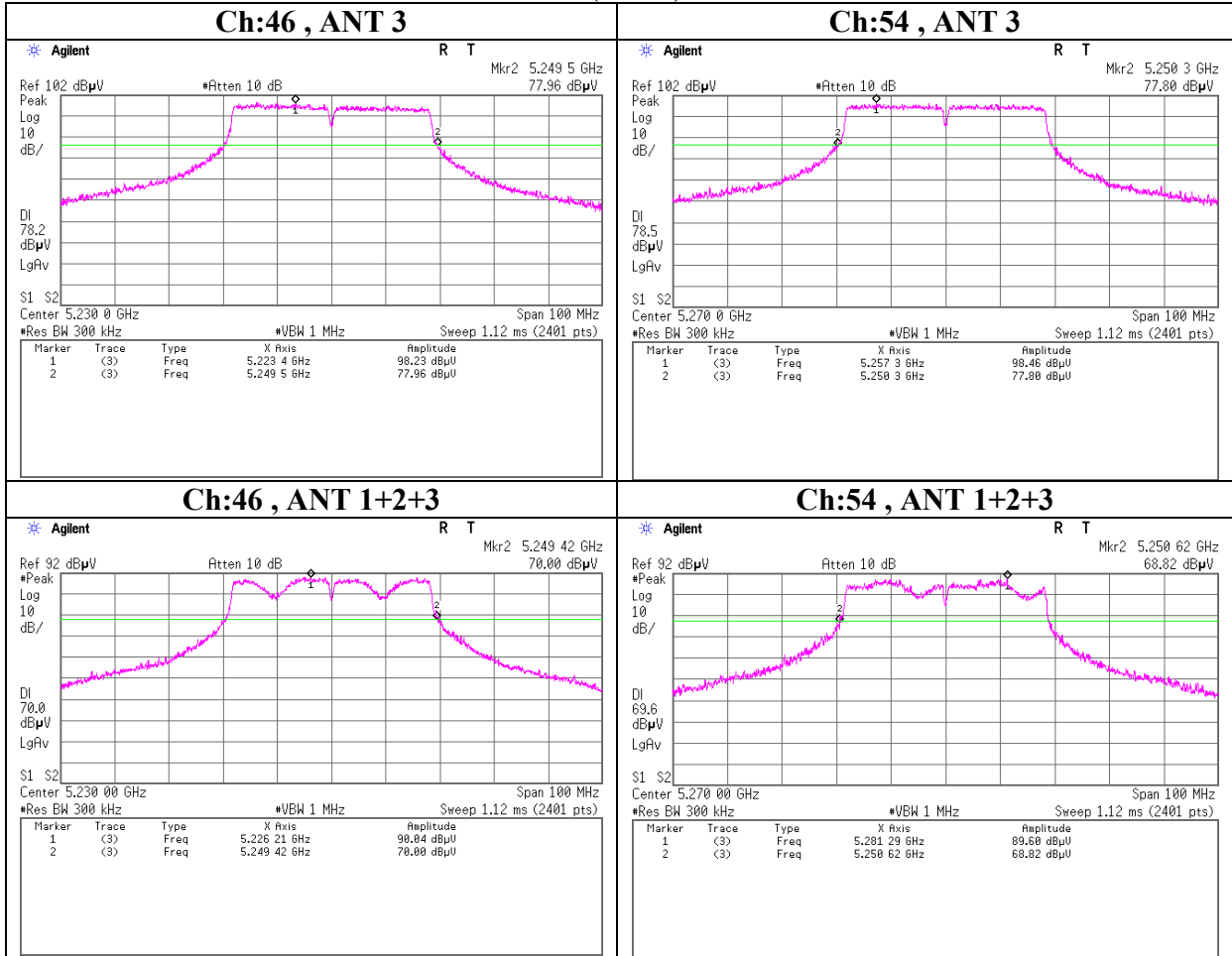
Fundamental 20dBc bandedge points

11n(40HT)



Fundamental 20dBc bandedge points

11n(40HT)



Maximum Peak Output Power

11a

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Head Office EMC Lab. No.4 measurement room

Company	silex technology, Inc.	Regulation	FCC Part15 Subpart E 15.407(a)(1)(2) / RSS-210 A9.2(1)(2)
Equipment	MiniPCI Wireless LAN Board	Test Distance	-
Model	SX-10WAN	Date	May/30/2008
S/N	008092011316	Temperature	26deg.C.
Power	DC 3.3V	Humidity	56%
Mode	11a, Tx, 54Mbps, Ant 3 (Worst)	Engineer	Kazufumi Nakai

[IEEE 802.11a] 54Mbps, Ant: 3(Worst)

Ch	Freq. [MHz]	S/A Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Result		Limit		Margin [dB]
					[dBm]	[mW]	[dBm]	[mW]	
36	5180.0	-0.38	2.87	10.06	12.55	17.99	16.99	50.00	4.44
40	5200.0	0.64	2.88	10.06	13.58	22.80	16.99	50.00	3.41
48	5240.0	0.64	2.89	10.07	13.60	22.91	16.99	50.00	3.39
52	5260.0	0.47	2.90	10.07	13.44	22.08	23.98	250.00	10.54
56	5280.0	0.27	2.90	10.07	13.24	21.09	23.98	250.00	10.74
64	5320.0	0.57	2.91	10.08	13.56	22.70	23.98	250.00	10.42

(Reference data)

[IEEE 802.11a] 54Mbps, Ant: 1

Ch	Freq. [MHz]	S/A Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Result		Limit		Margin [dB]
					[dBm]	[mW]	[dBm]	[mW]	
36	5180.0	-0.48	2.87	10.06	12.45	17.58	16.99	50.00	4.54
40	5200.0	0.38	2.88	10.06	13.32	21.48	16.99	50.00	3.67
48	5240.0	0.44	2.89	10.07	13.40	21.88	16.99	50.00	3.59
52	5260.0	0.35	2.90	10.07	13.32	21.48	23.98	250.00	10.66
56	5280.0	0.10	2.90	10.07	13.07	20.28	23.98	250.00	10.91
64	5320.0	0.29	2.91	10.08	13.28	21.28	23.98	250.00	10.70

[IEEE 802.11a] 54Mbps, Ant: 2

Ch	Freq. [MHz]	S/A Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Result		Limit		Margin [dB]
					[dBm]	[mW]	[dBm]	[mW]	
36	5180.0	-0.40	2.87	10.06	12.53	17.91	16.99	50.00	4.46
40	5200.0	0.45	2.88	10.06	13.39	21.83	16.99	50.00	3.60
48	5240.0	0.50	2.89	10.07	13.46	22.18	16.99	50.00	3.53
52	5260.0	0.41	2.90	10.07	13.38	21.78	23.98	250.00	10.60
56	5280.0	0.19	2.90	10.07	13.16	20.70	23.98	250.00	10.82
64	5320.0	0.38	2.91	10.08	13.37	21.73	23.98	250.00	10.61

[IEEE802.11a] : Ant. 3

Rate [Mbps]	Freq. [MHz]	P/M (PK) Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Result	
					[dBm]	[mW]
6	5260.0	0.40	2.90	10.07	13.37	21.73
9	5260.0	0.31	2.90	10.07	13.28	21.28
12	5260.0	0.42	2.90	10.07	13.39	21.83
18	5260.0	0.37	2.90	10.07	13.34	21.58
24	5260.0	0.39	2.90	10.07	13.36	21.68
36	5260.0	0.34	2.90	10.07	13.31	21.43
48	5260.0	0.45	2.90	10.07	13.42	21.98
54	5260.0	0.47	2.90	10.07	13.44	22.08

Sample Calculation:

Result [dBm] = S/A Reading + Cable Loss+ Atten. Loss

Result [mW] = 10 ^ (Result [dBm] / 10)

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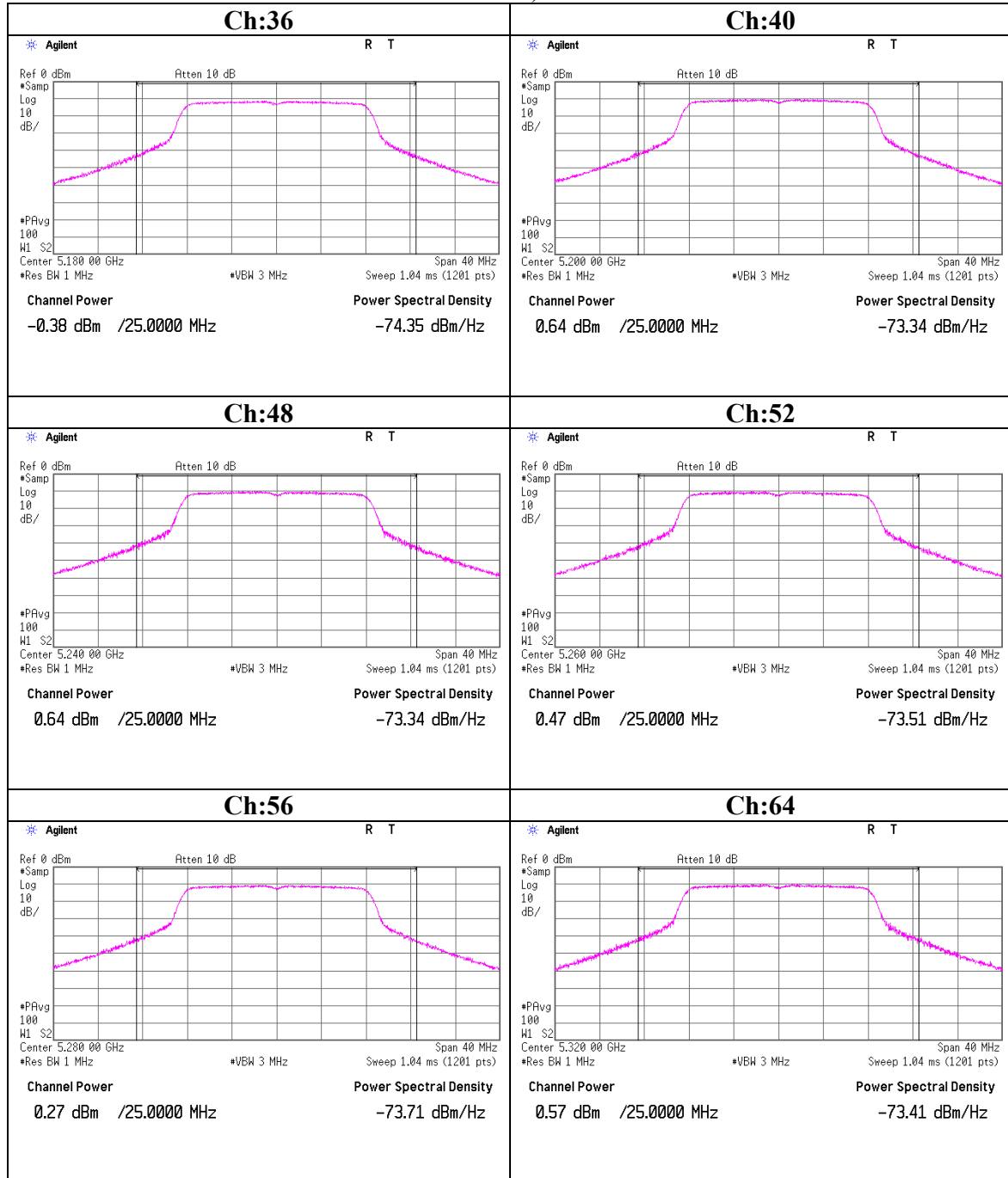
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Maximum Peak Output Power
11a, Ant3



Maximum Peak Output Power

11n(20HT)

UL Japan, Inc

Head Office EMC Lab. No.11 measurement room

Company	silex technology, Inc.	Regulation	FCC Part15 Subpart E 15.407(a)(1)(2) / RSS-210 A9.2(1)(2)
Equipment	MiniPCI Wireless LAN Board	Test Distance	-
Model	SX-10WAN	Date	June/07/2008 June/11/2008
S/N	008092011316	Temperature	24deg.C. 26deg.C.
Power	DC 3.3V	Humidity	64% 66%
Mode	11n(20HT), Tx, 130Mbps,	Engineer	Takahiro Hatakeda Satofumi Matsuyama

**[IEEE 802.11n, 20HT]
130Mbps, Ant1 + Ant2 + Ant3**

Ch	Freq. [MHz]	Ant1 Result [mW]	Ant2 Result [mW]	Ant3 Result [mW]	Result		Limit		Margin [dB]	26dB bandwidth [MHz]
					[dBm]	[mW]	[dBm]	[mW]		
36	5180.0	11.35	10.12	12.33	15.29	33.80	16.99	50.00	1.70	22.72
40	5200.0	11.07	9.38	7.35	14.44	27.79	16.99	50.00	2.55	21.98
48	5240.0	12.19	11.59	7.21	14.91	30.99	16.99	50.00	2.08	22.37
52	5260.0	12.65	14.72	12.39	15.99	39.76	23.98	250.00	7.99	22.50
56	5280.0	11.75	14.49	13.24	15.96	39.48	23.98	250.00	8.02	22.02
64	5320.0	12.91	15.85	13.21	16.23	41.97	23.98	250.00	7.75	21.18

Sample Calculation:

Ant1 + Ant2 + Ant3 Result [mW] = Ant1 Result [mW] + Ant2 Result [mW] + Ant3 Result [mW]

Ant1 + Ant2 + Ant3 Result [dBm] = 10 x log (Ant1+ Ant2 + Ant3 Result [mW])

130Mbps, Ant1

Ch	Freq. [MHz]	S/A Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Result		Limit		Margin [dB]	26dB bandwidth [MHz]
					[dBm]	[mW]	[dBm]	[mW]		
36	5180.0	-2.38	2.87	10.06	10.55	11.35	16.99	50.00	6.44	23.273
40	5200.0	-2.50	2.88	10.06	10.44	11.07	16.99	50.00	6.55	23.484
48	5240.0	-2.10	2.89	10.07	10.86	12.19	16.99	50.00	6.13	23.275
52	5260.0	-1.95	2.90	10.07	11.02	12.65	23.98	250.00	12.96	22.485
56	5280.0	-2.27	2.90	10.07	10.70	11.75	23.98	250.00	13.28	22.984
64	5320.0	-1.88	2.91	10.08	11.11	12.91	23.98	250.00	12.87	23.053

130Mbps, Ant2

Ch	Freq. [MHz]	S/A Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Result		Limit		Margin [dB]	26dB bandwidth [MHz]
					[dBm]	[mW]	[dBm]	[mW]		
36	5180.0	-2.88	2.87	10.06	10.05	10.12	16.99	50.00	6.94	23.136
40	5200.0	-3.22	2.88	10.06	9.72	9.38	16.99	50.00	7.27	22.953
48	5240.0	-2.32	2.89	10.07	10.64	11.59	16.99	50.00	6.35	22.020
52	5260.0	-1.29	2.90	10.07	11.68	14.72	23.98	250.00	12.30	22.787
56	5280.0	-1.36	2.90	10.07	11.61	14.49	23.98	250.00	12.37	22.489
64	5320.0	-0.99	2.91	10.08	12.00	15.85	23.98	250.00	11.98	22.057

130Mbps, Ant3

Ch	Freq. [MHz]	S/A Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Result		Limit		Margin [dB]	26dB bandwidth [MHz]
					[dBm]	[mW]	[dBm]	[mW]		
36	5180.0	-2.02	2.87	10.06	10.91	12.33	16.99	50.00	6.08	23.085
40	5200.0	-4.28	2.88	10.06	8.66	7.35	16.99	50.00	8.33	23.761
48	5240.0	-4.38	2.89	10.07	8.58	7.21	16.99	50.00	8.41	22.272
52	5260.0	-2.04	2.90	10.07	10.93	12.39	23.98	250.00	13.05	23.158
56	5280.0	-1.75	2.90	10.07	11.22	13.24	23.98	250.00	12.76	22.654
64	5320.0	-1.78	2.91	10.08	11.21	13.21	23.98	250.00	12.77	23.443

Sample Calculation:

Result [dBm] = S/A Reading + Cable Loss+ Atten. Loss

Result [mW] = 10 ^ (Result [dBm] / 10)

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(Reference data)

[IEEE802.11n(20HT)] Ant2

Rate [Mbps]	Freq. [MHz]	P/M (PK) Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Result	
					[dBm]	[mW]
6.5 (MCS 0)	5260.0	-1.34	2.90	10.07	11.63	14.55
13.0 (MCS 1)	5260.0	-1.45	2.90	10.07	11.52	14.19
19.5 (MCS 2)	5260.0	-1.39	2.90	10.07	11.58	14.39
26.0 (MCS 3)	5260.0	-1.40	2.90	10.07	11.57	14.35
39.0 (MCS 4)	5260.0	-1.30	2.90	10.07	11.67	14.69
52.0 (MCS 5)	5260.0	-1.35	2.90	10.07	11.62	14.52
58.5 (MCS 6)	5260.0	-1.39	2.90	10.07	11.58	14.39
65.0 (MCS 7)	5260.0	-1.41	2.90	10.07	11.56	14.32
13.0 (MCS 8)	5260.0	-1.32	2.90	10.07	11.65	14.62
26.0 (MCS 9)	5260.0	-1.42	2.90	10.07	11.55	14.29
39.0 (MCS 10)	5260.0	-1.34	2.90	10.07	11.63	14.55
52.0 (MCS 11)	5260.0	-1.38	2.90	10.07	11.59	14.42
78.0 (MCS 12)	5260.0	-1.40	2.90	10.07	11.57	14.35
104.0 (MCS 13)	5260.0	-1.35	2.90	10.07	11.62	14.52
117.0 (MCS 14)	5260.0	-1.31	2.90	10.07	11.66	14.66
130.0 (MCS 15)	5260.0	-1.29	2.90	10.07	11.68	14.72

Sample Calculation:

Result [dBm] = S/A Reading + Cable Loss+ Atten. Loss

Result [mW] = 10 ^ (Result [dBm] / 10)

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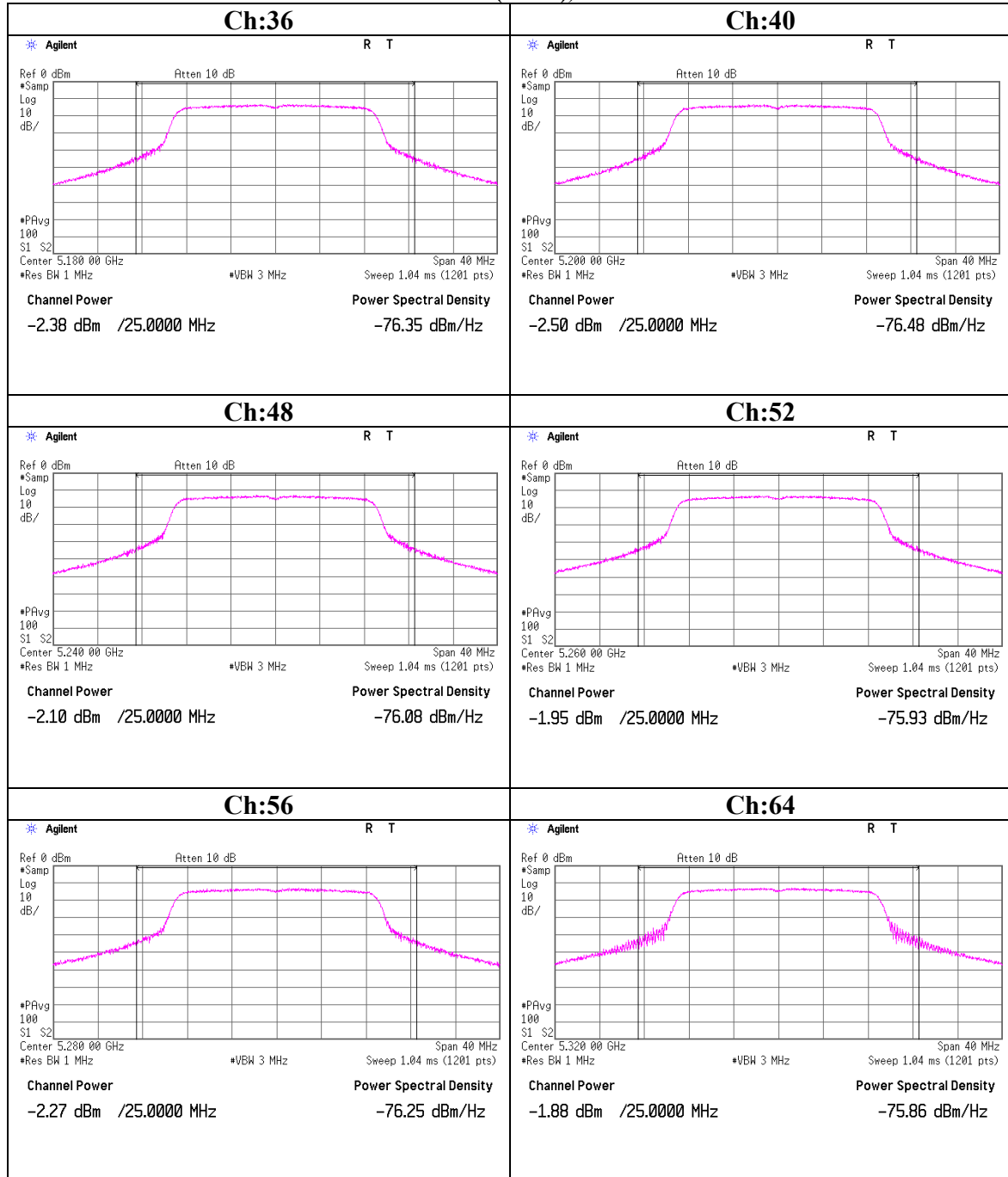
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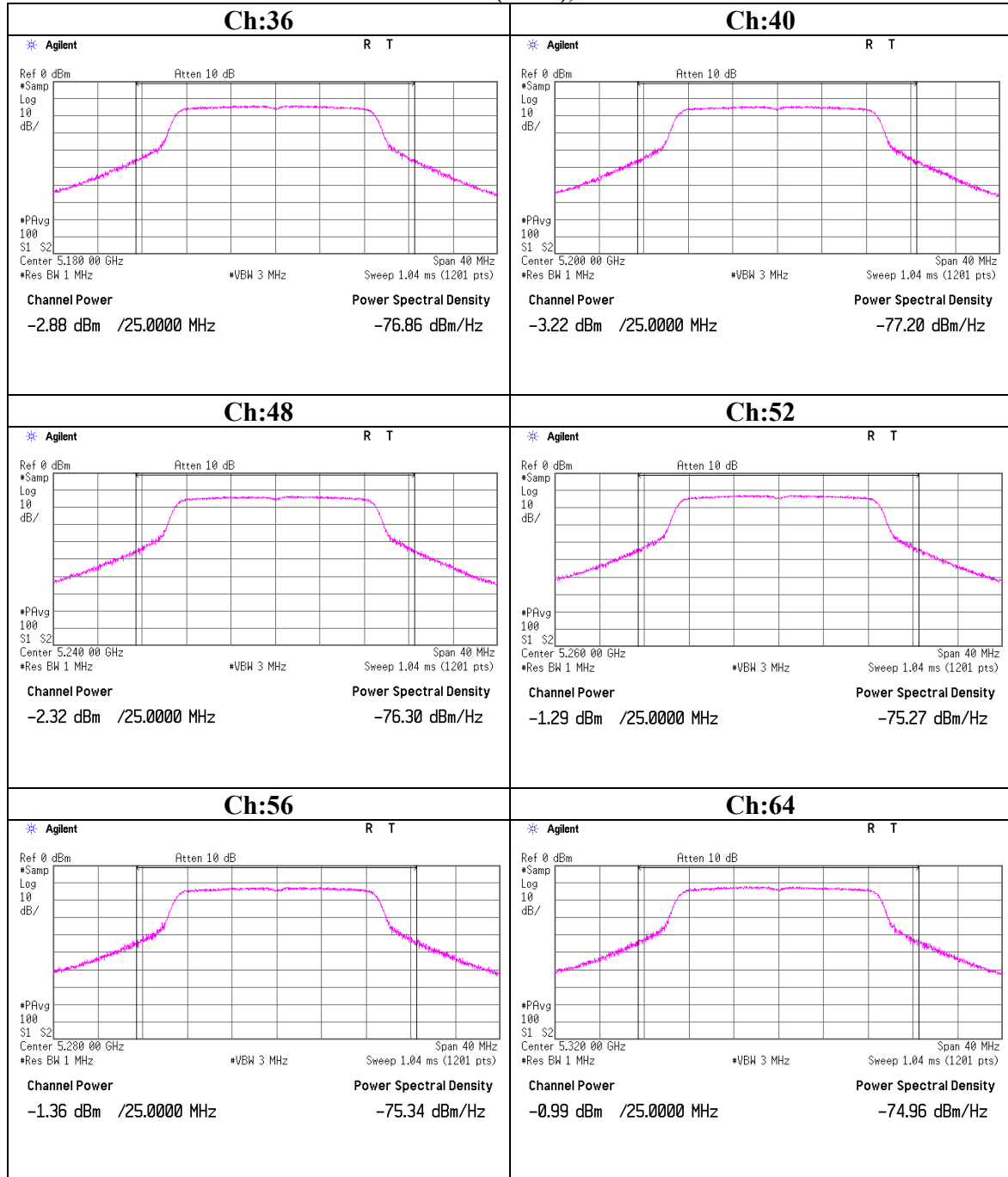
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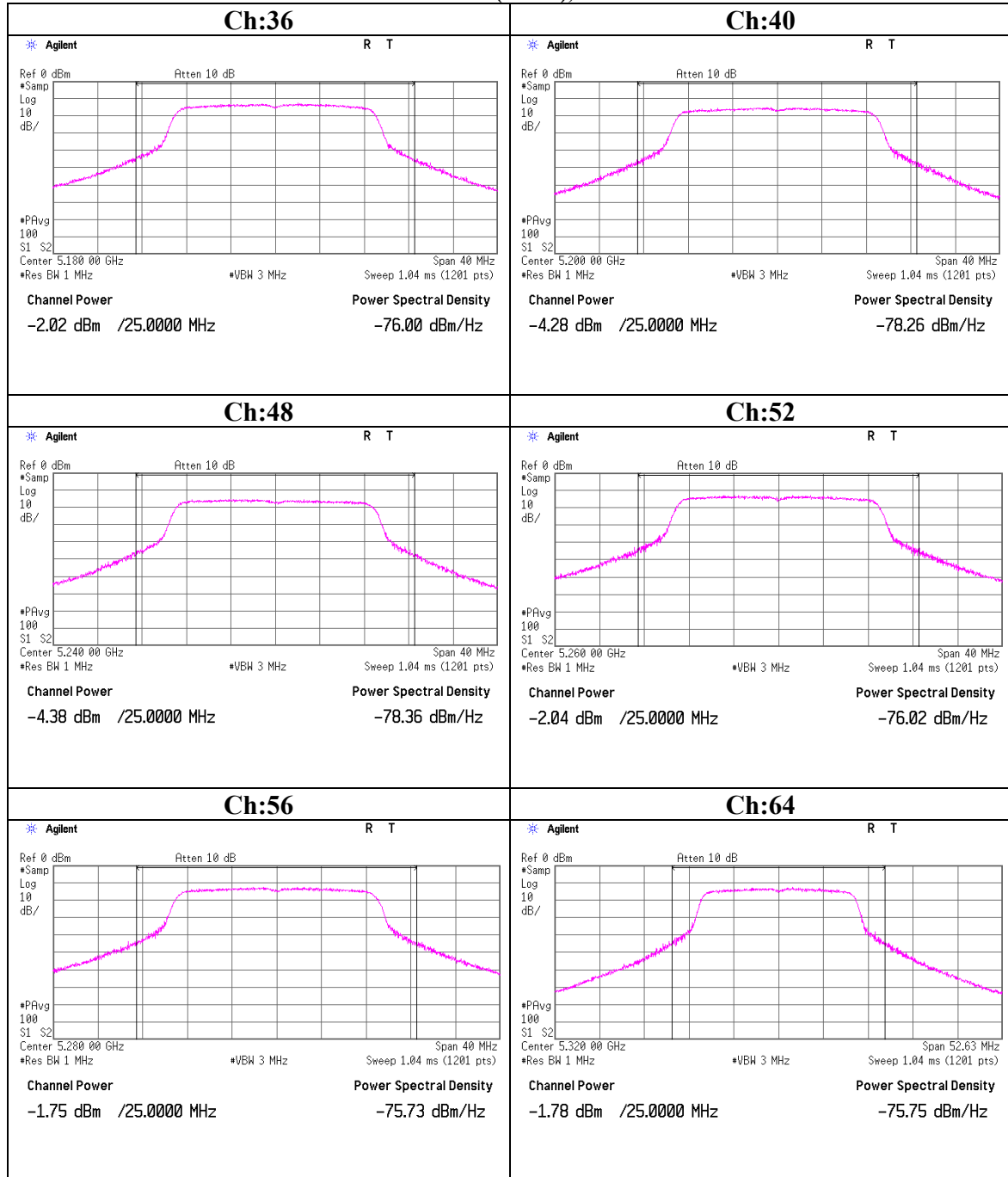
Maximum Peak Output Power
11n(20HT), Ant1



Maximum Peak Output Power
11n(20HT), Ant2



Maximum Peak Output Power
11n(20HT), Ant3



Maximum Peak Output Power

11n(40HT)

UL Japan, Inc
Head Office EMC Lab. No.11 measurement room

Company : silex technology, Inc.
Equipment : MiniPCI Wireless LAN Board
Model : SX-10WAN
S/N : 008092011316
Power : DC 3.3V
Mode : 11n(40HT), Tx, 270Mbps

Regulation : FCC Part15 Subpart E 15.407(a)(1)(2) / RSS-210 A9.2(1)(2)
Test Distance : -
Date : June/07/2008
Temperature : 24deg.C.
Humidity : 64%
Engineer : Takahiro Hatakeda

**[IEEE 802.11n, 40HT]
270Mbps, Ant1 + Ant2 + Ant3**

Ch	Freq. [MHz]	Ant1 Result [mW]	Ant2 Result [mW]	Ant3 Result [mW]	Result		Limit		Margin [dB]	26dB bandwidth [MHz]
					[dBm]	[mW]	[dBm]	[mW]		
38	5190.0	10.72	10.67	10.79	15.07	32.17	16.99	50.00	1.92	40.70
46	5230.0	9.84	11.14	9.82	14.89	30.80	16.99	50.00	2.10	41.90
54	5270.0	9.42	10.62	9.40	14.69	29.43	23.98	250.00	9.29	44.57
62	5310.0	9.82	12.62	10.23	15.14	32.67	23.98	250.00	8.84	41.23

Sample Calculation:

Result [mW] = Ant1 Result [mW] + Ant2 Result [mW] + Ant3 Result [mW]

Result [dBm] = 10 x log (Ant1 Result [mW] + Ant2 Result [mW] + Ant3 Result [mW])

270Mbps, Ant1

Ch	Freq. [MHz]	S/A Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Result		Limit		Margin [dB]	26dB bandwidth [MHz]
					[dBm]	[mW]	[dBm]	[mW]		
38	5190.0	-2.63	2.87	10.06	10.30	10.72	16.99	50.00	6.69	42.43
46	5230.0	-3.01	2.88	10.06	9.93	9.84	16.99	50.00	7.06	43.83
54	5270.0	-3.23	2.90	10.07	9.74	9.42	23.98	250.00	14.24	42.23
62	5310.0	-3.07	2.91	10.08	9.92	9.82	23.98	250.00	14.06	43.05

270Mbps, Ant2

Ch	Freq. [MHz]	S/A Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Result		Limit		Margin [dB]	26dB bandwidth [MHz]
					[dBm]	[mW]	[dBm]	[mW]		
38	5190.0	-2.65	2.87	10.06	10.28	10.67	16.99	50.00	6.71	43.23
46	5230.0	-2.47	2.88	10.06	10.47	11.14	16.99	50.00	6.52	42.11
54	5270.0	-2.71	2.90	10.07	10.26	10.62	23.98	250.00	13.72	42.47
62	5310.0	-1.98	2.91	10.08	11.01	12.62	23.98	250.00	12.97	42.90

270Mbps, Ant3

Ch	Freq. [MHz]	S/A Reading [dBm]	Cable Loss [dB]	Atten. Loss [dB]	Result		Limit		Margin [dB]	26dB bandwidth [MHz]
					[dBm]	[mW]	[dBm]	[mW]		
38	5190.0	-2.60	2.87	10.06	10.33	10.79	16.99	50.00	6.66	42.17
46	5230.0	-3.02	2.88	10.06	9.92	9.82	16.99	50.00	7.07	42.47
54	5270.0	-3.24	2.90	10.07	9.73	9.40	23.98	250.00	14.25	42.49
62	5310.0	-2.89	2.91	10.08	10.10	10.23	23.98	250.00	13.88	41.99

Sample Calculation:

Result [dBm] = S/A Reading + Cable Loss+ Atten. Loss

Result [mW] = 10 ^ (Result [dBm] / 10)

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(Reference data)

[IEEE802.11n(40HT)]: Ant. 2

Rate [Mbps]	Freq. [MHz]	P/M (PK) Reading [dBm]	Cable Loss [dB]	Atten. [dB]	Result	
					[dBm]	[mW]
13.5 (MCS 0)	5270.0	-2.80	2.90	10.07	10.17	10.40
27.0 (MCS 1)	5270.0	-2.91	2.90	10.07	10.06	10.14
40.5 (MCS 2)	5270.0	-2.77	2.90	10.07	10.20	10.47
54.0 (MCS 3)	5270.0	-2.82	2.90	10.07	10.15	10.35
81.0 (MCS 4)	5270.0	-2.73	2.90	10.07	10.24	10.57
108.0 (MCS 5)	5270.0	-2.80	2.90	10.07	10.17	10.40
121.5 (MCS 6)	5270.0	-2.76	2.90	10.07	10.21	10.50
135.0 (MCS 7)	5270.0	-2.73	2.90	10.07	10.24	10.57
27.0 (MCS 8)	5270.0	-2.77	2.90	10.07	10.20	10.47
54.0 (MCS 9)	5270.0	-2.81	2.90	10.07	10.16	10.38
81.0 (MCS 10)	5270.0	-2.74	2.90	10.07	10.23	10.54
108.0 (MCS 11)	5270.0	-2.79	2.90	10.07	10.18	10.42
162.0 (MCS 12)	5270.0	-2.82	2.90	10.07	10.15	10.35
216.0 (MCS 13)	5270.0	-2.76	2.90	10.07	10.21	10.50
243.0 (MCS 14)	5270.0	-2.73	2.90	10.07	10.24	10.57
270.0 (MCS 15)	5270.0	-2.71	2.90	10.07	10.26	10.62

Sample Calculation:

Result = Reading + Cable Loss + Attenuator Loss

*The equipment and cables were not used for factor 0.0dB of the above table.

*The test result is rounded off to one or two decimal places, so some differences might be observed.

UL Japan, Inc.

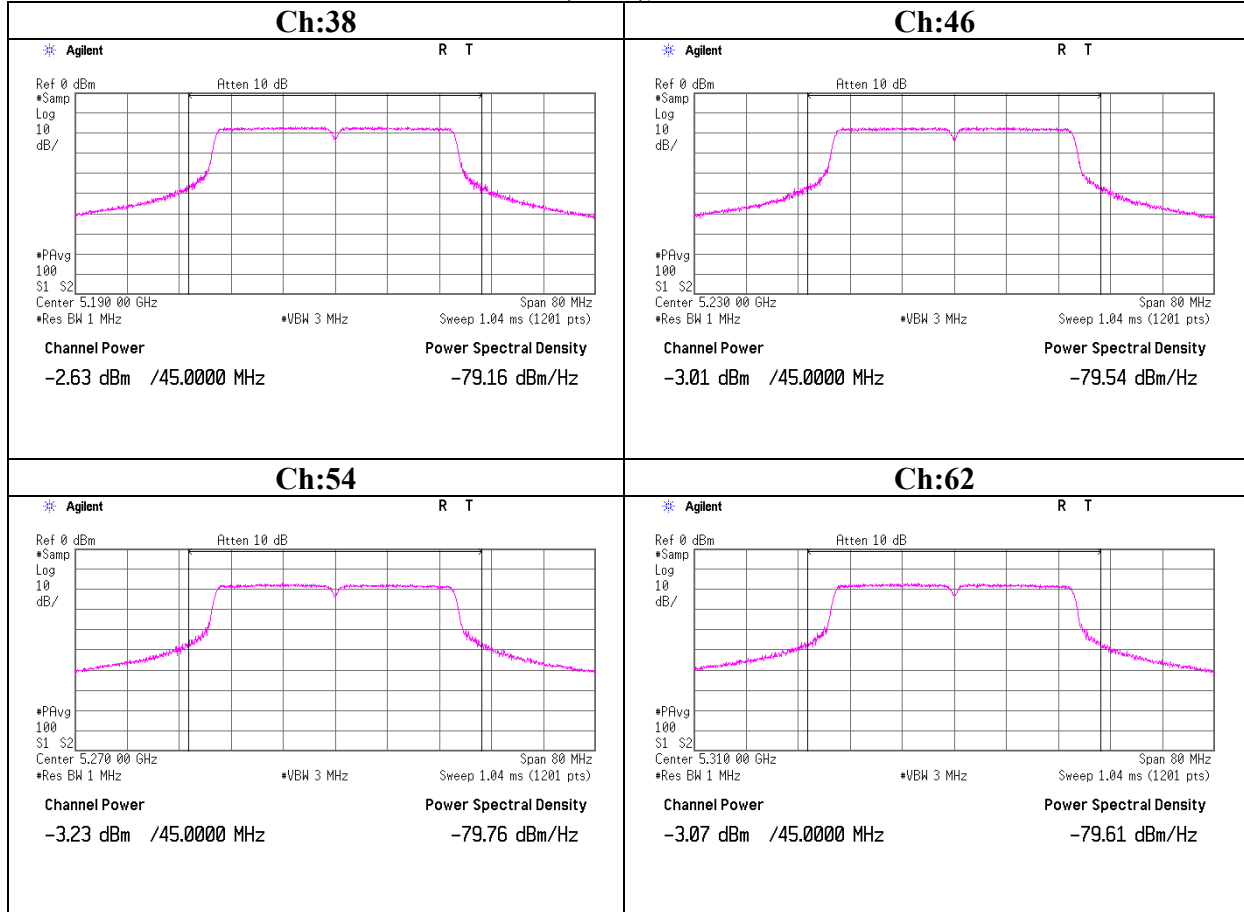
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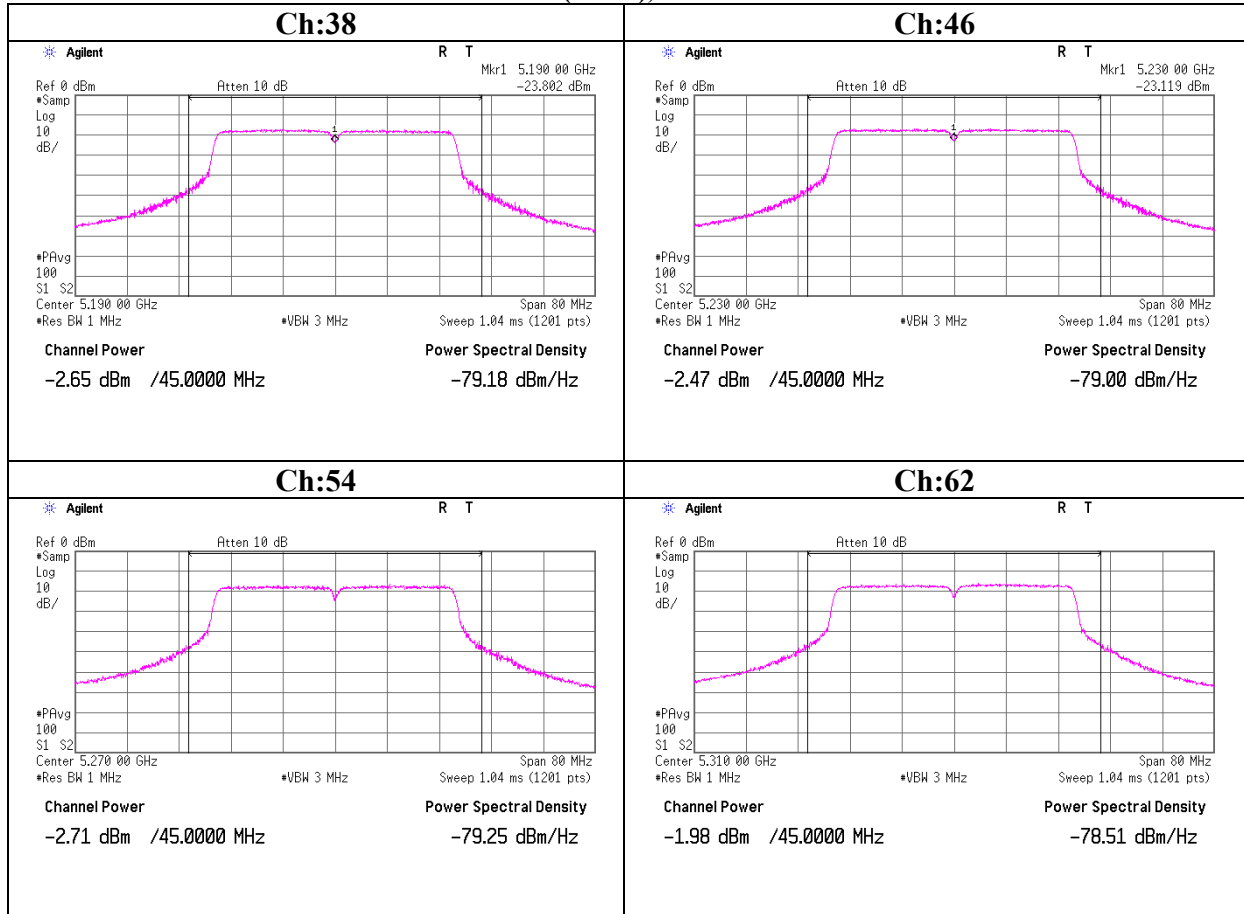
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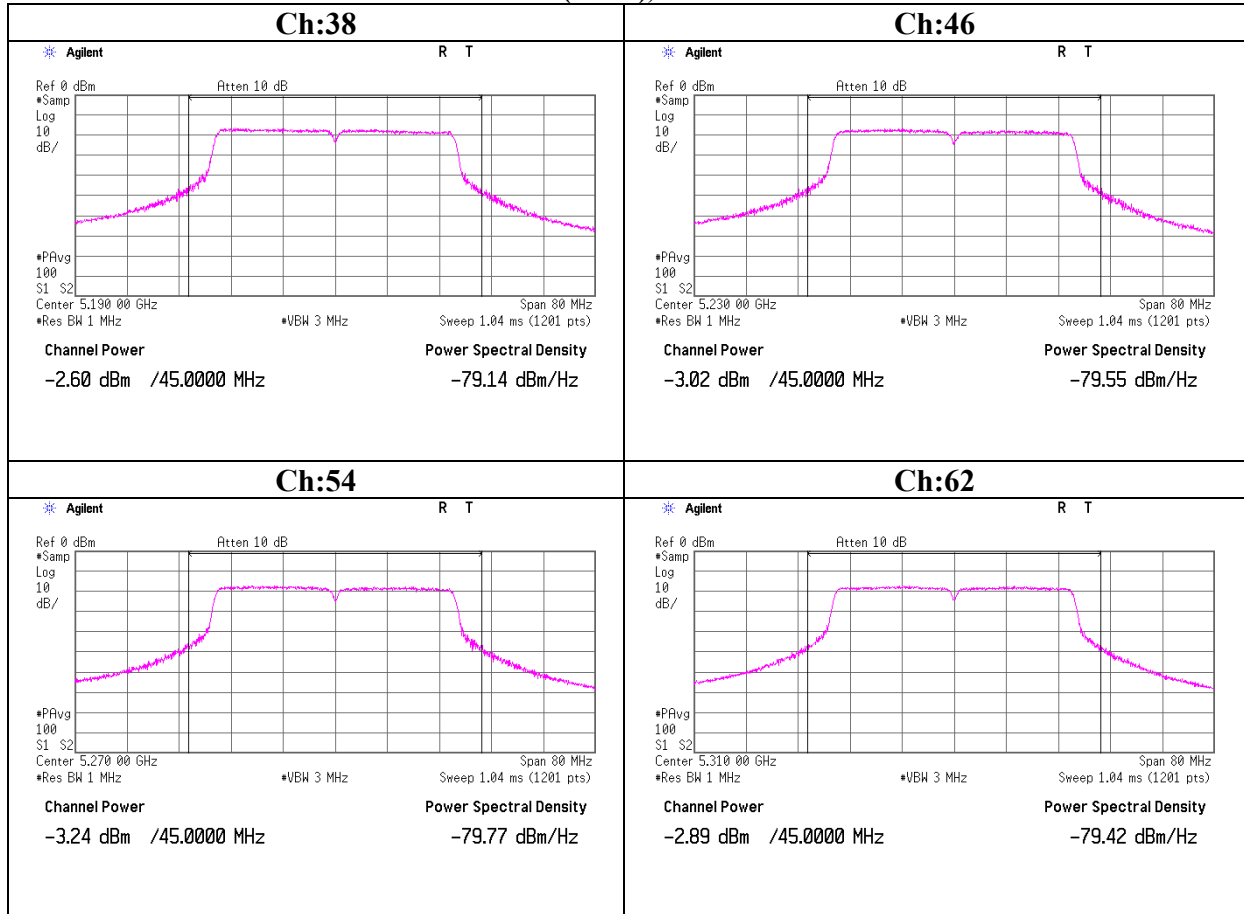
Maximum Peak Output Power
11n(40HT), Ant1



Maximum Peak Output Power
11n(40HT), Ant2



Maximum Peak Output Power
11n(40HT), Ant3



Radiated Spurious Emission (below 1GHz)
11a Tx Lower Band/Mch(5200MHz), 54Mbps, Used Antenna for Tx: Antenna 3

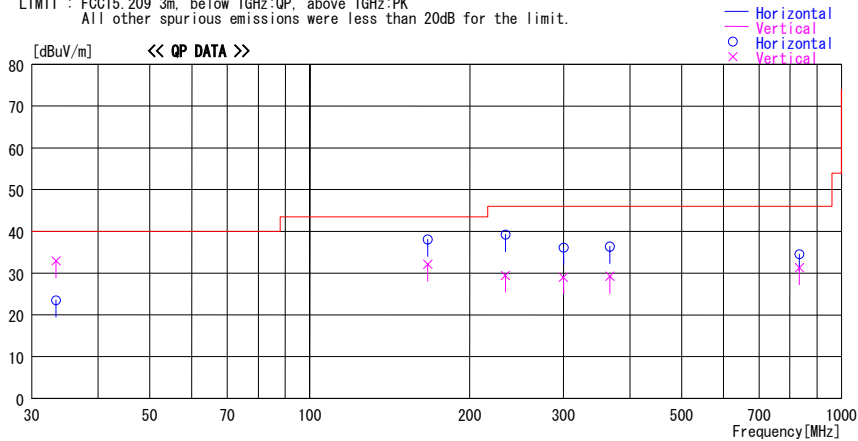
DATA OF RADIATED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No.2 Semi Anechoic Chamber
 Date : 2009/04/07

Company : silex technology, Inc. Report No. : 28IE0116-HO-02
 Kind of EUT : MiniPCI Wireless LAN Board Power : DC3.3V (Jig input AC120V / 60Hz)
 Model No. : SX-10WAN + TT98061 Temp./Humi. : 20 deg. C. / 42 %
 Serial No. : 008092011314 + 001, 002, 003 Engineer : Kazufumi Nakai

Mode / Remarks : WLAN 11a, Tx, 5200MHz, 54Mbps, Ant3 / Module-axis H:Y, V:Y / Antenna-axis H:X0, V:X90

LIMIT : FCC15.209 3m, below 1GHz:QP, above 1GHz:PK
 All other spurious emissions were less than 20dB for the limit.



Frequency [MHz]	Reading [dBuV]	DET	Antenna		Level [dBuV/m]	Angle [Deg]	Height [cm]	Polar.	Limit [dBuV/m]	Margin [dB]	Comment
			Factor [dB/m]	Loss Gain [dB]							
33.337	37.1	QP	17.6	-21.8	32.9	260	100	Vert.	40.0	7.1	
33.339	27.7	QP	17.6	-21.8	23.5	160	298	Hori.	40.0	16.5	
166.666	42.6	QP	15.8	-20.3	38.1	316	177	Hori.	43.5	5.4	
166.669	36.6	QP	15.8	-20.3	32.1	133	100	Vert.	43.5	11.4	
233.330	32.0	QP	17.0	-19.5	29.5	117	100	Vert.	46.0	16.5	
233.333	41.7	QP	17.0	-19.5	39.2	187	148	Hori.	46.0	6.8	
300.003	42.2	QP	12.8	-18.9	36.1	359	100	Hori.	46.0	9.9	
300.004	35.1	QP	12.8	-18.9	29.0	297	100	Vert.	46.0	17.0	
366.655	39.3	QP	16.1	-19.0	36.4	359	100	Hori.	46.0	9.6	
366.665	32.1	QP	16.1	-19.0	29.2	225	100	Vert.	46.0	16.8	
833.326	26.9	QP	21.7	-17.3	31.3	250	100	Vert.	46.0	14.7	
833.337	30.1	QP	21.7	-17.3	34.5	131	100	Hori.	46.0	11.5	

CHART: WITH FACTOR ANT TYPE: -30MHz: LOOP, 30-300MHz: BICONICAL, 300MHz-1000MHz: LOGPERIODIC, 1000MHz--: HORN
 CALCULATION: RESULT = READING + ANT FACTOR + LOSS (CABLE+ATTEN.) - GAIN (AMP)

*The test result is rounded off to one or two decimal places, so some differences might be observed.

Radiated Spurious Emission (below 1GHz)

11a Tx Lower Band/Lch(5180MHz), 54Mbps, Used Antenna for Tx: Antenna 3

The noise level for this mode was equivalence noise level with 11a Tx Lower Band/Mch(5200MHz) 54Mbps and it was verified to be satisfied section 15.209 limit.

Radiated Spurious Emission (below 1GHz)

11a Tx Lower Band/Hch(5240MHz), 54Mbps, Used Antenna for Tx: Antenna 3

The noise level for this mode was equivalence noise level with 11a Tx Lower Band/Mch(5200MHz) 54Mbps and it was verified to be satisfied section 15.209 limit.

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Radiated Spurious Emission (below 1GHz)
11a Tx Middle Band/Mch(5280MHz), 54Mbps, Used Antenna for Tx: Antenna 3

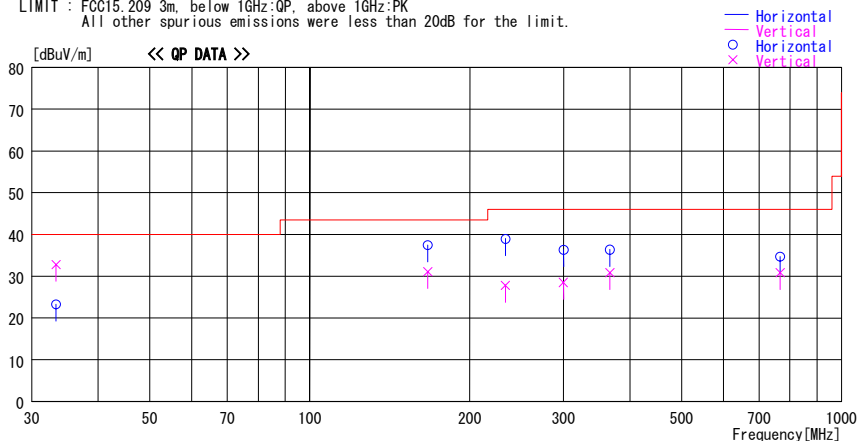
DATA OF RADIATED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No. 2 Semi Anechoic Chamber
Date : 2009/04/07

Company : silex technology, Inc. Report No. : 281E0116-HO-02
Kind of EUT : MiniPCI Wireless LAN Board Power : DC3.3V (Jig input AC120V / 60Hz)
Model No. : SX-10WAN + TT98061 Temp./Humi. : 20 deg. C. / 42 %
Serial No. : 008092011314 + 001, 002, 003 Engineer : Kazufumi Nakai

Mode / Remarks : WLAN 11a, Tx, 5280MHz, 54Mbps, Ant3 / Module-axis H:Y, V:Y / Antenna-axis H:X0, V:X90

LIMIT : FCC15.209 3m, below 1GHz:QP, above 1GHz:PK
All other spurious emissions were less than 20dB for the limit.



Frequency [MHz]	Reading [dBuV]	DET	Antenna	Loss&	Level	Angle	Height	Polar.	Limit	Margin	Comment
			Factor	Gain					[dBuV/m]	[dB]	
33.338	27.5	QP	17.6	-21.8	23.3	175	273	Hori.	40.0	16.7	
33.339	37.0	QP	17.6	-21.8	32.8	200	100	Vert.	40.0	7.2	
166.657	35.6	QP	15.8	-20.3	31.1	93	100	Vert.	43.5	12.4	
166.669	41.9	QP	15.8	-20.3	37.4	318	187	Hori.	43.5	6.1	
233.335	41.5	QP	17.0	-19.5	39.0	179	141	Hori.	46.0	7.0	
233.339	30.3	QP	17.0	-19.5	27.8	126	100	Vert.	46.0	18.2	
300.001	42.4	QP	12.8	-18.9	36.3	359	100	Hori.	46.0	9.7	
300.002	34.6	QP	12.8	-18.9	28.5	280	100	Vert.	46.0	17.5	
366.663	39.3	QP	16.1	-19.0	36.4	359	100	Hori.	46.0	9.6	
366.673	33.7	QP	16.1	-19.0	30.8	210	126	Vert.	46.0	15.2	
766.650	31.4	QP	21.1	-17.8	34.7	125	100	Hori.	46.0	11.3	
766.653	27.5	QP	21.1	-17.8	30.8	191	119	Vert.	46.0	15.2	

CHART: WITH FACTOR ANT TYPE: -30MHz: LOOP, 30-300MHz: BICONICAL, 300MHz-1000MHz: LOGPERIODIC, 1000MHz-: HORN
CALCULATION: RESULT = READING + ANT FACTOR + LOSS (CABLE+ATTEN.) - GAIN (AMP)

*The test result is rounded off to one or two decimal places, so some differences might be observed.

Radiated Spurious Emission (below 1GHz)

11a Tx Middle Band/Lch(5260MHz), 54Mbps, Used Antenna for Tx: Antenna 3

The noise level for this mode was equivalence noise level with 11a Tx Middle Band/Mch(5280MHz) 54Mbps and it was verified to be satisfied section 15.209 limit.

Radiated Spurious Emission (below 1GHz)

11a Tx Middle Band/Hch(5320MHz), 54Mbps, Used Antenna for Tx: Antenna 3

The noise level for this mode was equivalence noise level with 11a Tx Middle Band/Mch(5280MHz) 54Mbps and it was verified to be satisfied section 15.209 limit.

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Radiated Spurious Emission (below 1GHz)
11n(20HT) Tx Lower Band/Mch(5200MHz), 130Mbps, Used Antenna for Tx: Antenna 1 + 2 + 3

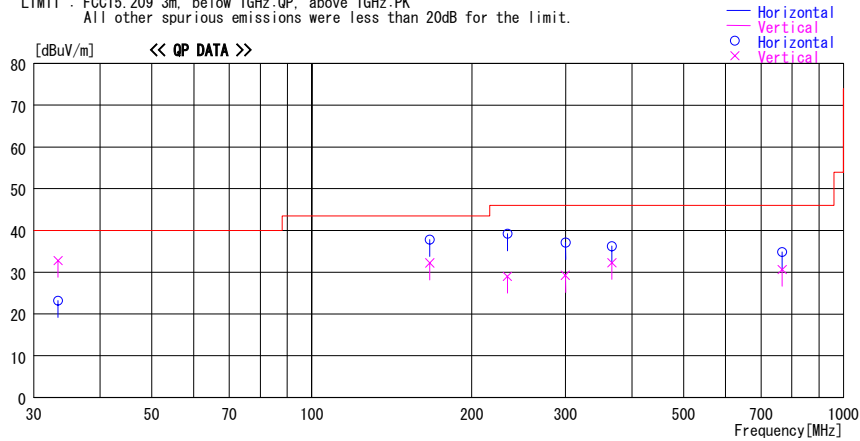
DATA OF RADIATED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No. 2 Semi Anechoic Chamber
Date : 2009/04/07

Company : silex technology, Inc. Report No. : 281E0116-HO-02
Kind of EUT : MiniPCI Wireless LAN Board Power : DC3.3V (Jig input AC120V / 60Hz)
Model No. : SX-10WAN + TT98061 Temp./Humi. : 20 deg. C. / 42 %
Serial No. : 008092011314 + 001, 002, 003 Engineer : Kazufumi Nakai

Mode / Remarks : WLAN 11n20, Tx, 5200MHz, 130Mbps, Ant1, 2, 3 / Module-axis H:Y, V:Y / Antenna-axis H:X0, V:X90

LIMIT : FCC15.209 3m, below 1GHz:QP, above 1GHz:PK
All other spurious emissions were less than 20dB for the limit.



Frequency [MHz]	Reading [dBuV]	DET	Antenna	Loss&	Level	Angle	Height	Polar.	Limit	Margin	Comment
			Factor	Gain					[dBuV/m]	[dB]	
33.324	27.4	QP	17.6	-21.8	23.2	180	305	Hori.	40.0	16.8	
33.330	37.0	QP	17.6	-21.8	32.8	272	100	Vert.	40.0	7.2	
166.663	36.7	QP	15.8	-20.3	32.2	86	100	Vert.	43.5	11.3	
166.668	42.3	QP	15.8	-20.3	37.8	297	157	Hori.	43.5	5.7	
233.325	41.7	QP	17.0	-19.5	39.2	184	138	Hori.	46.0	6.8	
233.331	31.5	QP	17.0	-19.5	29.0	136	100	Vert.	46.0	17.0	
300.001	43.2	QP	12.8	-18.9	37.1	0	100	Hori.	46.0	8.9	
300.004	35.3	QP	12.8	-18.9	29.2	297	100	Vert.	46.0	16.8	
366.499	39.1	QP	16.1	-19.0	36.2	4	100	Hori.	46.0	9.8	
366.667	35.2	QP	16.1	-19.0	32.3	199	123	Vert.	46.0	13.7	
766.661	31.5	QP	21.1	-17.8	34.8	123	100	Hori.	46.0	11.2	
766.665	27.3	QP	21.1	-17.8	30.6	169	100	Vert.	46.0	15.4	

CHART: WITH FACTOR ANT TYPE: -30MHz: LOOP, 30-300MHz: BICONICAL, 300MHz-1000MHz: LOGPERIODIC, 1000MHz-: HORN
CALCULATION: RESULT = READING + ANT FACTOR + LOSS (CABLE+ATTEN.) - GAIN (AMP)

*The test result is rounded off to one or two decimal places, so some differences might be observed.

Radiated Spurious Emission (below 1GHz)

11n(20HT) Tx Lower Band/Lch(5180MHz), 130Mbps, Used Antenna for Tx: Antenna 1 + 2 + 3

The noise level for this mode was equivalence noise level with 11n(20HT) Tx Lower Band/Mch(5200MHz) 130Mbps and it was verified to be satisfied section 15.209 limit.

Radiated Spurious Emission (below 1GHz)

11n(20HT) Tx Lower Band/Hch(5240MHz), 130Mbps, Used Antenna for Tx: Antenna 1 + 2 + 3

The noise level for this mode was equivalence noise level with 11n(20HT) Tx Lower Band/Mch(5200MHz) 130Mbps and it was verified to be satisfied section 15.209 limit.

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Radiated Spurious Emission (below 1GHz)
11n(20HT) Tx Middle Band/Mch(5280MHz), 130Mbps, Used Antenna for Tx: Antenna 1 + 2+ 3

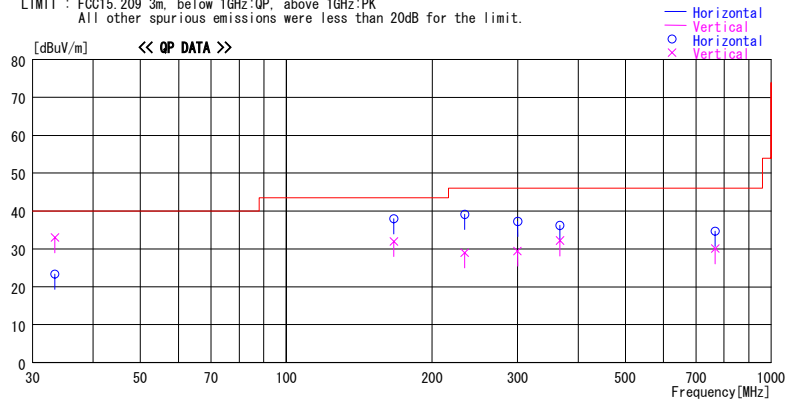
DATA OF RADIATED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No.2 Semi Anechoic Chamber
Date : 2009/04/07

Company : silex technology Inc. Report No. : 281E0116-HO-02
 Kind of EUT : MiniPCI Wireless LAN Board Power : DC3.3V (Jig input AC120V / 60Hz)
 Model No. : SX-10WAN + TT98061 Temp./Humi. : 20 deg.C. / 42 %
 Serial No. : 008092011314 + 001, 002, 003 Engineer : Kazufumi Nakai

Mode / Remarks : WLAN 11n20, Tx, 5280MHz, 130Mbps, Ant1, 2, 3 / Module-axis H:Y, V:Y / Antenna-axis H:X0, V:X90

LIMIT : FCC15.209 3m, below 1GHz:QP, above 1GHz:PK
 All other spurious emissions were less than 20dB for the limit.



Frequency [MHz]	Reading [dBuV]	DET	Antenna		Level [dBuV/m]	Angle [Deg]	Height [cm]	Polar.	Limit [dBuV/m]	Margin [dB]	Comment
			Factor [dB/m]	Loss & Gain [dB]							
33.339	27.6	QP	17.6	-21.8	23.4	175	269	Hori.	40.0	16.6	
33.339	37.2	QP	17.6	-21.8	33.0	281	100	Vert.	40.0	7.0	
166.669	42.5	QP	15.8	-20.3	38.0	318	169	Hori.	43.5	5.5	
166.674	36.5	QP	15.8	-20.3	32.0	89	100	Vert.	43.5	11.5	
233.327	31.5	QP	17.0	-19.5	29.0	132	100	Vert.	46.0	17.0	
233.339	41.6	QP	17.0	-19.5	39.1	155	137	Hori.	46.0	6.9	
300.004	43.4	QP	12.8	-18.9	37.3	359	100	Hori.	46.0	8.7	
300.005	35.6	QP	12.8	-18.9	29.5	244	100	Vert.	46.0	16.5	
366.665	39.1	QP	16.1	-19.0	36.2	0	100	Hori.	46.0	9.8	
366.666	35.1	QP	16.1	-19.0	32.2	205	128	Vert.	46.0	13.8	
766.663	31.4	QP	21.1	-17.8	34.7	154	100	Hori.	46.0	11.3	
766.669	26.8	QP	21.1	-17.8	30.1	287	100	Vert.	46.0	15.9	

CHART: WITH FACTOR ANT. TYPE: -30MHz: LOOP, 30-300MHz: BICONICAL, 300MHz-1000MHz: LOGPERIODIC, 1000MHz-: HORN
 CALCULATION: RESULT = READING + ANT FACTOR + LOSS (CABLE+ATTEN.) - GAIN (AMP)

*The test result is rounded off to one or two decimal places, so some differences might be observed.

Radiated Spurious Emission (below 1GHz)

11n(20HT) Tx Middle Band/Lch(5260MHz), 130Mbps, Used Antenna for Tx: Antenna 1 + 2 +3

The noise level for this mode was equivalence noise level with 11n(20HT) Tx Middle Band/Mch(5280MHz) 130Mbps and it was verified to be satisfied section 15.209 limit.

Radiated Spurious Emission (below 1GHz)

11n(20HT) Tx Middle Band/Hch(5320MHz), 130Mbps, Used Antenna for Tx: Antenna 1 + 2 +3

The noise level for this mode was equivalence noise level with 11n(20HT) Tx Middle Band/Mch(5280MHz) 130Mbps and it was verified to be satisfied section 15.209 limit.

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Radiated Spurious Emission (below 1GHz)
11n(40HT) Tx Lower Band/Lch(5190MHz), 270Mbps, Used Antenna for Tx: Antenna 1 + 2+ 3

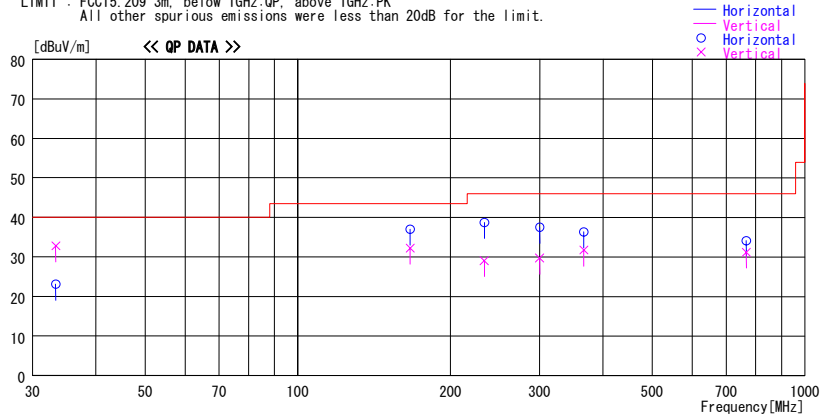
DATA OF RADIATED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No.2 Semi Anechoic Chamber
Date : 2009/04/07

Company : silex technology, Inc. Report No. : 28IE0116-HO-02
Kind of EUT : MiniPCI Wireless LAN Board Power : DC3.3V (Jig input AC120V / 60Hz)
Model No. : SX-10WAN + TT98061 Temp./Humi. : 23 deg.C / 42 %
Serial No. : 008092011314 + 001, 002, 003 Engineer : Takeshi Choda

Mode / Remarks : WLAN 11n40, Tx, 5190MHz, 270Mbps, Ant1, 2, 3 / Module-axis H:Y, V:Y / Antenna-axis H:X0, V:X90

LIMIT : FCC15, 209 3m, below 1GHz:QP, above 1GHz:PK
All other spurious emissions were less than 20dB for the limit.



Frequency [MHz]	Reading [dBuV]	DET	Antenna	Loss&	Level [dBuV/m]	Angle [Deg]	Height [cm]	Polar.	Limit [dBuV/m]	Margin [dB]	Comment
			Factor [dB/m]	Gain [dB]							
33.333	27.3	QP	17.6	-21.8	23.1	132	254	Hori.	40.0	16.9	
33.333	37.0	QP	17.6	-21.8	32.8	241	100	Vert.	40.0	7.2	
166.665	41.5	QP	15.8	-20.3	37.0	316	186	Hori.	43.5	6.5	
166.665	36.7	QP	15.8	-20.3	32.2	130	100	Vert.	43.5	11.3	
233.332	41.2	QP	17.0	-19.5	38.7	6	148	Hori.	46.0	7.3	
233.331	31.6	QP	17.0	-19.5	29.1	127	111	Vert.	46.0	16.9	
300.000	35.8	QP	12.8	-18.9	29.7	292	100	Vert.	46.0	16.3	
300.000	43.6	QP	12.8	-18.9	37.5	194	100	Hori.	46.0	8.5	
366.663	34.6	QP	16.1	-19.0	31.7	199	127	Vert.	46.0	14.3	
366.664	39.3	QP	16.1	-19.0	36.4	199	100	Hori.	46.0	9.6	
766.659	30.8	QP	21.1	-17.8	34.1	126	114	Hori.	46.0	11.9	
766.660	27.9	QP	21.1	-17.8	31.2	192	120	Vert.	46.0	14.8	

CHART: WITH FACTOR ANT TYPE: -30MHz: LOOP, 30-300MHz: BICONICAL, 300MHz-1000MHz: LOGPERIODIC, 1000MHz-: HORN
CALCULATION: RESULT = READING + ANT FACTOR + LOSS (CABLE+ATTEN.) - GAIN (AMP)

*The test result is rounded off to one or two decimal places, so some differences might be observed.

Test report No. : 28IE0116-HO-02-C-R1
Page : 93 of 203
Issued date : April 24, 2009
Revised date : May 15, 2009
FCC ID : N6C-SX10WAN

Radiated Spurious Emission (below 1GHz)

11n(40HT) Tx Lower Band/Hch(5230MHz), 270Mbps, Used Antenna for Tx: Antenna 1 + 2+ 3

The noise level for this mode was equivalence noise level with 11n(40HT) Tx Lower Band/Lch(5190MHz) 270Mbps and it was verified to be satisfied section 15.209 limit.

UL Japan, Inc.

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Radiated Spurious Emission (below 1GHz)
11n(40HT) Tx Middle Band/Hch(5310MHz), 270Mbps, Used Antenna for Tx: Antenna 1 + 2+ 3

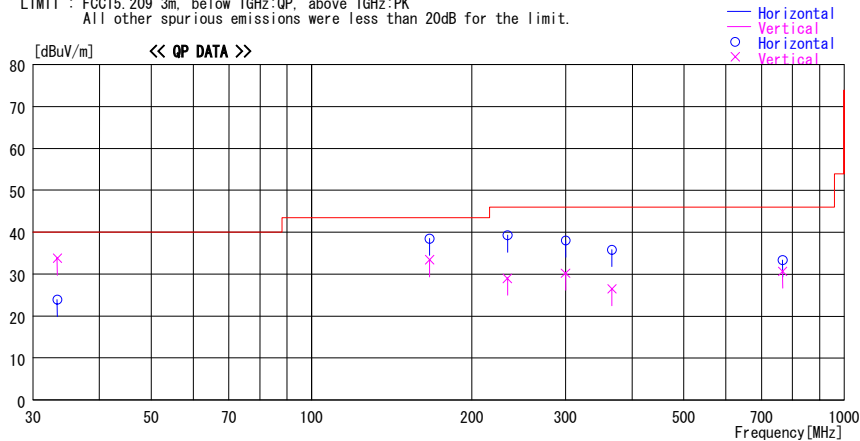
DATA OF RADIATED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No. 2 Semi Anechoic Chamber
Date : 2009/04/07

Company : silex technology, Inc. Report No. : 281E0116-HO-02
Kind of EUT : MiniPCI Wireless LAN Board Power : DC3.3V (Jig input AC120V / 60Hz)
Model No. : SX-10WAN + TT98061 Temp./Humi. : 23 deg. C. / 42 %
Serial No. : 008092011314 + 001, 002, 003 Engineer : Takeshi Choda

Mode / Remarks : WLAN 11n40, Tx, 5310MHz, 270Mbps, Ant1, 2, 3 / Module-axis H:Y, V:Y / Antenna-axis H:X0, V:X90

LIMIT : FCC15 209 3m, below 1GHz:QP, above 1GHz:PK
All other spurious emissions were less than 20dB for the limit.



Frequency [MHz]	Reading [dBuV]	DET	Antenna	Loss	Level	Angle	Height	Polar.	Limit	Margin	Comment
			Factor [dB/m]	Gain [dB]					[dBuV/m]	[dB]	
33.333	28.1	QP	17.6	-21.8	23.9	170	294	Hori.	40.0	16.1	
33.333	38.0	QP	17.6	-21.8	33.8	245	100	Vert.	40.0	6.2	
166.665	43.0	QP	15.8	-20.3	38.5	317	181	Hori.	43.5	5.0	
166.666	37.9	QP	15.8	-20.3	33.4	124	100	Vert.	43.5	10.1	
233.331	41.8	QP	17.0	-19.5	39.3	2	145	Hori.	46.0	6.7	
233.331	31.5	QP	17.0	-19.5	29.0	129	107	Vert.	46.0	17.0	
300.000	36.3	QP	12.8	-18.9	30.2	296	100	Vert.	46.0	15.8	
300.000	44.2	QP	12.8	-18.9	38.1	197	115	Hori.	46.0	7.9	
366.663	29.4	QP	16.1	-19.0	26.5	153	141	Vert.	46.0	19.5	
366.664	38.7	QP	16.1	-19.0	35.8	193	100	Hori.	46.0	10.2	
766.659	30.1	QP	21.1	-17.8	33.4	117	108	Hori.	46.0	12.6	
766.659	27.4	QP	21.1	-17.8	30.7	191	125	Vert.	46.0	15.3	

CHART: WITH FACTOR ANT TYPE: -30MHz: LOOP, 30-300MHz: BICONICAL, 300MHz-1000MHz: LOGPERIODIC, 1000MHz-: HORN
CALCULATION: RESULT = READING + ANT FACTOR + LOSS (CABLE+ATTEN.) - GAIN (AMP)

*The test result is rounded off to one or two decimal places, so some differences might be observed.

Test report No. : 28IE0116-HO-02-C-R1
Page : 95 of 203
Issued date : April 24, 2009
Revised date : May 15, 2009
FCC ID : N6C-SX10WAN

Radiated Spurious Emission (below 1GHz)

11n(40HT) Tx Middle Band/Lch(5270MHz), 270Mbps, Used Antenna for Tx: Antenna 1 + 2+ 3

The noise level for this mode was equivalence noise level with 11n(40HT) Tx Middle Band/Hch(5310MHz) 270Mbps and it was verified to be satisfied section 15.209 limit.

UL Japan, Inc.

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Radiated Spurious Emission (below 1GHz)
11a Rx Lower Band/Mch(5200MHz), Used Antenna for Rx: Antenna 3

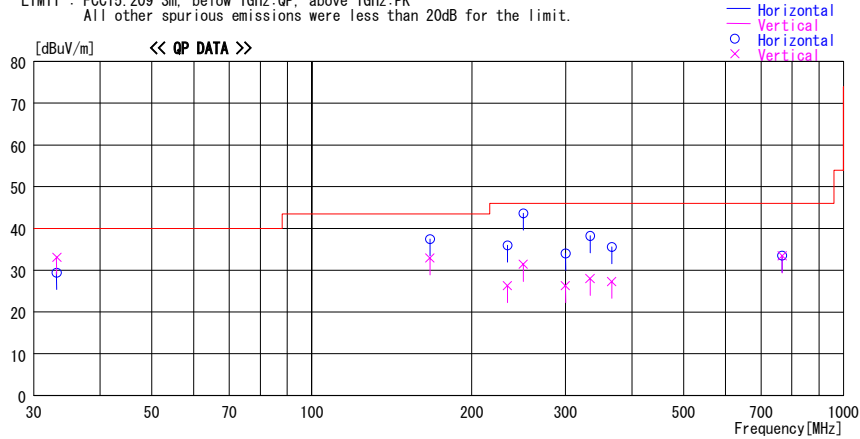
DATA OF RADIATED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No.2 Semi Anechoic Chamber
 Date : 2009/04/08

Company : silex technology, Inc. Report No. : 281E0116-H0-02
 Kind of EUT : MiniPCI Wireless LAN Board Power : DC3.3V (Jig input AC120V / 60Hz)
 Model No. : SX-10WAN + TT98061 Temp./Humi. : 24 deg. C. / 38 %
 Serial No. : 008092011314 + 003 Engineer : Hisayoshi Sato

Mode / Remarks : WLAN 11a, Rx, 5200MHz, Ant3 / Module-axis H:Y, V:Y / Antenna-axis H:X0, V:X90

LIMIT : FCC15.209 3m, below 1GHz:QP, above 1GHz:PK
 All other spurious emissions were less than 20dB for the limit.



Frequency	Reading	DET	Antenna Factor	Loss& Gain	Level	Angle	Height	Polar.	Limit	Margin	Comment
[MHz]	[dBuV]		[dB/m]	[dB]	[dBuV/m]	[Deg]	[cm]		[dBuV/m]	[dB]	
33.150	33.5	QP	17.7	-21.8	29.4	201	210	Hori.	40.0	10.6	
33.150	37.2	QP	17.7	-21.8	33.1	67	100	Vert.	40.0	6.9	
166.799	41.9	QP	15.8	-20.3	37.4	329	184	Hori.	43.5	6.1	
166.799	37.4	QP	15.8	-20.3	32.9	122	100	Vert.	43.5	10.6	
233.399	38.5	QP	17.0	-19.5	36.0	184	141	Hori.	46.0	10.0	
233.399	28.8	QP	17.0	-19.5	26.3	126	100	Vert.	46.0	19.7	
249.992	45.9	QP	17.2	-19.4	43.7	186	129	Hori.	46.0	2.3	
249.993	33.6	QP	17.2	-19.4	31.4	141	133	Vert.	46.0	14.6	
300.012	40.1	QP	12.8	-18.9	34.0	186	110	Hori.	46.0	12.0	
333.833	42.5	QP	14.6	-18.9	38.2	193	100	Hori.	46.0	7.8	
300.010	32.4	QP	12.8	-18.9	26.3	294	100	Vert.	46.0	19.7	
333.833	32.3	QP	14.6	-18.9	28.0	280	290	Vert.	46.0	18.0	
366.499	38.5	QP	16.1	-19.0	35.6	191	100	Hori.	46.0	10.4	
366.499	30.2	QP	16.1	-19.0	27.3	292	271	Vert.	46.0	18.7	
766.669	30.2	QP	21.1	-17.8	33.5	125	104	Hori.	46.0	12.5	
766.669	30.1	QP	21.1	-17.8	33.4	125	104	Vert.	46.0	12.6	

CHART: WITH FACTOR ANT TYPE: -30MHz: LOOP, 30-300MHz: BICONICAL, 300MHz-1000MHz: LOGPERIODIC, 1000MHz-: HORN
 CALCULATION: RESULT = READING + ANT FACTOR + LOSS (CABLE+ATTEN.) - GAIN (AMP)

*The test result is rounded off to one or two decimal places, so some differences might be observed.

Radiated Spurious Emission (below 1GHz)
11a Rx Middle Band/Mch(5280MHz), Used Antenna for Rx: Antenna 3

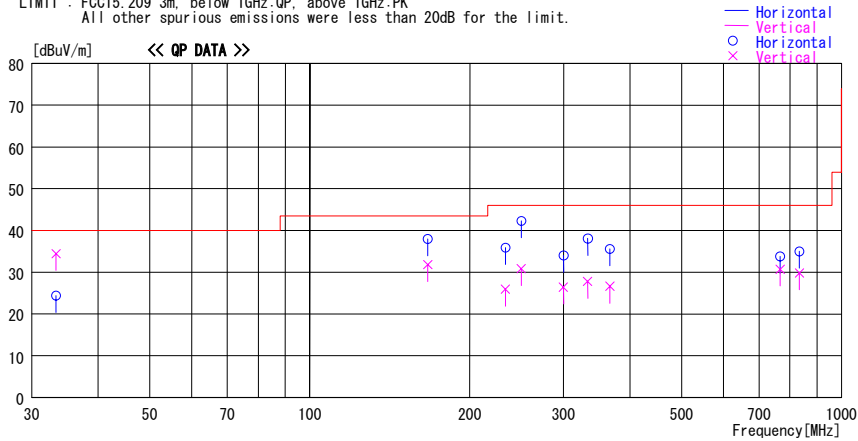
DATA OF RADIATED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No.2 Semi Anechoic Chamber
Date : 2009/04/08

Company : silex technology, Inc. Report No. : 281E0116-HO-02
Kind of EUT : MiniPCI Wireless LAN Board Power : DC3.3V (Jig input AC120V / 60Hz)
Model No. : SX-10WAN + TT98061 Temp./Humi. : 24 deg. C. / 38 %
Serial No. : 008092011314 + 003 Engineer : Hisayoshi Sato

Mode / Remarks : WLAN 11a, Rx, 5280MHz, Ant3 / Module-axis H:Y, V:Y / Antenna-axis H:X0, V:X90

LIMIT : FCC15.209 3m, below 1GHz:QP, above 1GHz:PK
All other spurious emissions were less than 20dB for the limit.



Frequency [MHz]	Reading [dBUV]	DET	Antenna	Loss	Level	Angle	Height	Polar.	Limit	Margin	Comment
			Factor	Gain							
			[dB/m]	[dB]	[dBUV/m]	[Deg]	[cm]		[dBUV/m]	[dB]	
33.321	28.6	QP	17.6	-21.8	24.4	173	311	Hori.	40.0	15.6	
33.328	38.6	QP	17.6	-21.8	34.4	63	100	Vert.	40.0	5.6	
166.657	36.3	QP	15.8	-20.3	31.8	127	100	Vert.	43.5	11.7	
166.671	42.5	QP	15.8	-20.3	38.0	328	186	Hori.	43.5	5.5	
233.344	28.4	QP	17.0	-19.5	25.9	131	100	Vert.	46.0	20.1	
233.329	38.4	QP	17.0	-19.5	35.9	184	146	Hori.	46.0	10.1	
250.001	33.0	QP	17.2	-19.4	30.8	146	131	Vert.	46.0	15.2	
249.999	44.5	QP	17.2	-19.4	42.3	185	129	Hori.	46.0	3.7	
300.000	32.5	QP	12.8	-18.9	26.4	294	100	Vert.	46.0	19.6	
300.006	40.1	QP	12.8	-18.9	34.0	190	112	Hori.	46.0	12.0	
333.329	42.5	QP	14.5	-18.9	38.1	194	100	Hori.	46.0	7.9	
333.324	32.2	QP	14.5	-18.9	27.8	289	344	Vert.	46.0	18.2	
366.657	29.5	QP	16.1	-19.0	26.6	300	266	Vert.	46.0	19.4	
366.671	38.5	QP	16.1	-19.0	35.6	192	100	Hori.	46.0	10.4	
766.643	27.4	QP	21.1	-17.8	30.7	192	117	Vert.	46.0	15.3	
766.657	30.5	QP	21.1	-17.8	33.8	121	113	Hori.	46.0	12.2	
833.170	30.6	QP	21.7	-17.3	35.0	118	100	Hori.	46.0	11.0	
833.170	25.4	QP	21.7	-17.3	29.8	208	100	Vert.	46.0	16.2	

CHART:WITH FACTOR ANT TYPE:-30MHz:LOOP, 30-300MHz:BICONICAL, 300MHz-1000MHz:LOGPERIODIC, 1000MHz--:HORN
CALCULATION:RESULT = READING + ANT FACTOR + LOSS(CABLE+ATTEN.) - GAIN(AMP)

*The test result is rounded off to one or two decimal places, so some differences might be observed.

Radiated Spurious Emission (below 1GHz)
11n(20HT) Rx Lower Band/Mch(5200MHz), Used Antenna for Rx: Antenna 1 + 2 + 3

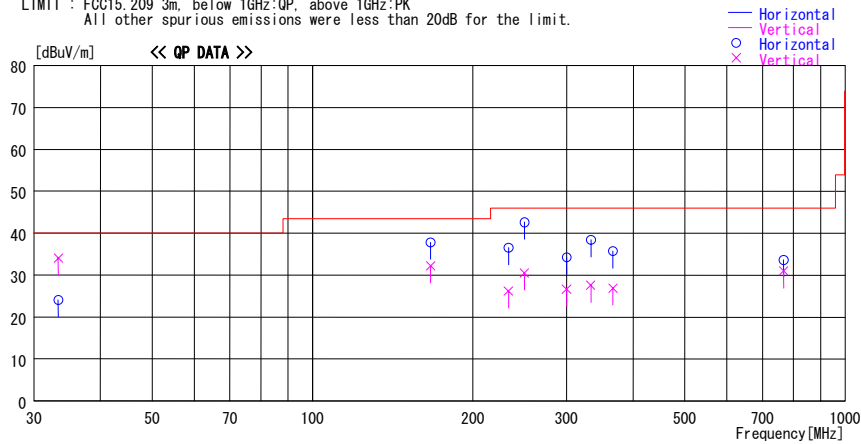
DATA OF RADIATED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No. 2 Semi Anechoic Chamber
Date : 2009/04/08

Company : silex technology, Inc. Report No. : 281E0116-HO-02
Kind of EUT : MiniPCI Wireless LAN Board Power : DC3.3V (Jig input AC120V / 60Hz)
Model No. : SX-10WAN + TT98061 Temp./Humi. : 23 deg. C. / 42 %
Serial No. : 008092011314 + 001, 002, 003 Engineer : Takeshi Choda

Mode / Remarks : WLAN 11n20, Rx, 5200MHz, Ant1, 2, 3 / Module-axis H:Y, V:Y / Antenna-axis H:X0, V:X90

LIMIT : FCC15.209 3m, below 1GHz:QP, above 1GHz:PK
All other spurious emissions were less than 20dB for the limit.



Frequency [MHz]	Reading [dBuV]	DET	Antenna		Level [dBuV/m]	Angle [Deg]	Height [cm]	Polar.	Limit [dBuV/m]	Margin [dB]	Comment
			Factor [dB/m]	Loss& Gain [dB]							
33.334	28.3	QP	17.6	-21.8	24.1	173	311	Hori.	40.0	15.9	
33.334	38.3	QP	17.6	-21.8	34.1	63	100	Vert.	40.0	5.9	
166.665	36.7	QP	15.8	-20.3	32.2	127	100	Vert.	43.5	11.3	
166.665	42.3	QP	15.8	-20.3	37.8	328	186	Hori.	43.5	5.7	
233.332	28.7	QP	17.0	-19.5	26.2	131	100	Vert.	46.0	19.8	
233.332	39.0	QP	17.0	-19.5	36.5	184	146	Hori.	46.0	9.5	
249.997	32.7	QP	17.2	-19.4	30.5	146	131	Vert.	46.0	15.5	
249.998	44.8	QP	17.2	-19.4	42.6	185	129	Hori.	46.0	3.4	
300.000	32.7	QP	12.8	-18.9	26.6	294	100	Vert.	46.0	19.4	
300.000	40.4	QP	12.8	-18.9	34.3	190	112	Hori.	46.0	11.7	
333.331	42.8	QP	14.5	-18.9	38.4	194	100	Hori.	46.0	7.6	
333.330	32.0	QP	14.5	-18.9	27.6	289	344	Vert.	46.0	18.4	
366.665	29.8	QP	16.1	-19.0	26.9	300	266	Vert.	46.0	19.1	
366.663	38.6	QP	16.1	-19.0	35.7	192	100	Hori.	46.0	10.3	
766.658	27.7	QP	21.1	-17.8	31.0	192	117	Vert.	46.0	15.0	
766.660	30.3	QP	21.1	-17.8	33.6	121	113	Hori.	46.0	12.4	

CHART: WITH FACTOR ANT TYPE: -30MHz: LOOP, 30-300MHz: BICONICAL, 300MHz-1000MHz: LOGPERIODIC, 1000MHz-: HORN
CALCULATION: RESULT = READING + ANT FACTOR + LOSS (CABLE+ATTEN.) - GAIN (AMP)

*The test result is rounded off to one or two decimal places, so some differences might be observed.

Radiated Spurious Emission (below 1GHz)
11n(20HT) Rx Middle Band/Mch(5280MHz), Used Antenna for Rx: Antenna 1 + 2 + 3

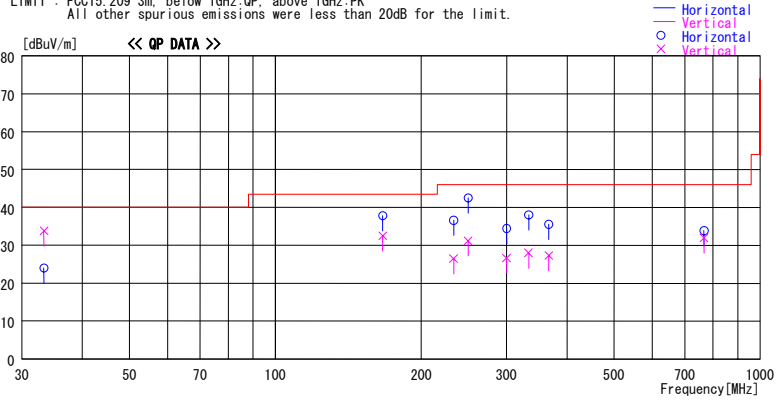
DATA OF RADIATED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No.2 Semi Anechoic Chamber
Date : 2009/04/08

Company : silex technology, Inc. Report No. : 281E0116-HO-02
 Kind of EUT : MiniPCI Wireless LAN Board Power : DC3.3V (Jig input AC120V / 60Hz)
 Model No. : SX-10WAN + TT98061 Temp./Humi. : 23 deg.C. / 42 %
 Serial No. : 008092011314 + 001, 002, 003 Engineer : Takeshi Choda

Mode / Remarks : WLAN 11n20, Rx, 5280MHz, Ant1, 2, 3 / Module-axis H:Y, V:Y / Antenna-axis H:X0, V:X90

LIMIT : FCC15.209 3m, below 1GHz:QP, above 1GHz:PK
 All other spurious emissions were less than 20dB for the limit.



Frequency [MHz]	Reading [dBUV]	DET	Antenna		Level [dBUV/m]	Angle [Deg]	Height [cm]	Polar.	Limit [dBUV/m]	Margin [dB]	Comment
			Factor [dB/m]	Loss& Gain [dB]							
33.334	28.2	QP	17.6	-21.8	24.0	169	273	Hori.	40.0	16.0	
33.333	38.0	QP	17.6	-21.8	33.8	60	100	Vert.	40.0	6.2	
166.665	37.0	QP	15.8	-20.3	32.5	128	100	Vert.	43.5	11.0	
166.665	42.3	QP	15.8	-20.3	37.8	327	189	Hori.	43.5	5.7	
233.332	29.0	QP	17.0	-19.5	26.5	147	100	Vert.	46.0	19.5	
233.331	39.1	QP	17.0	-19.5	36.6	181	143	Hori.	46.0	9.4	
249.998	33.4	QP	17.2	-19.4	31.2	145	151	Vert.	46.0	14.8	
249.998	44.7	QP	17.2	-19.4	42.5	191	129	Hori.	46.0	3.5	
300.000	32.7	QP	12.8	-18.9	26.6	294	100	Vert.	46.0	19.4	
300.000	40.5	QP	12.8	-18.9	34.4	193	107	Hori.	46.0	11.6	
333.330	42.5	QP	14.5	-18.9	38.1	196	100	Hori.	46.0	7.9	
333.331	32.4	QP	14.5	-18.9	28.0	281	291	Vert.	46.0	18.0	
366.662	30.2	QP	16.1	-19.0	27.3	274	263	Vert.	46.0	18.7	
366.664	38.5	QP	16.1	-19.0	35.6	190	100	Hori.	46.0	10.4	
766.658	28.7	QP	21.1	-17.8	32.0	188	123	Vert.	46.0	14.0	
766.660	30.6	QP	21.1	-17.8	33.9	124	107	Hori.	46.0	12.1	

CHART: WITH FACTOR ANT TYPE: -30MHz: LOOP, 30-300MHz: BICONICAL, 300MHz-1000MHz: LOGPERIODIC, 1000MHz--HORN
 CALCULATION: RESULT = READING + ANT FACTOR + LOSS (CABLE+ATTEN.) - GAIN (AMP)

*The test result is rounded off to one or two decimal places, so some differences might be observed.

Radiated Spurious Emission (below 1GHz)
11n(40HT) Rx Lower Band/Lch(5190MHz), Used Antenna for Rx: Antenna 1 + 2+ 3

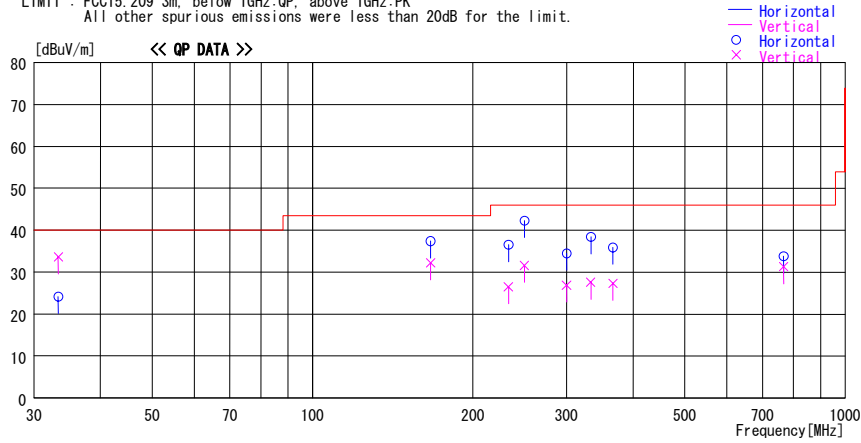
DATA OF RADIATED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No. 2 Semi Anechoic Chamber
Date : 2009/04/07

Company : silex technology, Inc. Report No. : 281E0116-HO-02
Kind of EUT : MiniPCI Wireless LAN Board Power : DC3.3V (Jig input AC120V / 60Hz)
Model No. : SX-10WAN + TT98061 Temp./Humi. : 23 deg. C. / 42 %
Serial No. : 008092011314 + 001, 002, 003 Engineer : Takeshi Choda

Mode / Remarks : WLAN 11n40, Rx, 5190MHz, Ant1, 2, 3 / Module-axis H:Y, V:Y / Antenna-axis H:X0, V:X90

LIMIT : FCC15.209 3m, below 1GHz:QP, above 1GHz:PK
All other spurious emissions were less than 20dB for the limit.



Frequency [MHz]	Reading [dBuV]	DET	Antenna		Level [dBuV/m]	Angle [Deg]	Height [cm]	Polar.	Limit [dBuV/m]	Margin [dB]	Comment
			Factor [dB/m]	Loss& Gain [dB]							
33.333	28.4	QP	17.6	-21.8	24.2	152	266	Hori.	40.0	15.8	
33.333	37.8	QP	17.6	-21.8	33.6	64	100	Vert.	40.0	6.4	
166.665	36.7	QP	15.8	-20.3	32.2	123	100	Vert.	43.5	11.3	
166.666	41.9	QP	15.8	-20.3	37.4	325	191	Hori.	43.5	6.1	
233.331	29.0	QP	17.0	-19.5	26.5	144	100	Vert.	46.0	19.5	
233.331	39.0	QP	17.0	-19.5	36.5	0	148	Hori.	46.0	9.5	
249.998	33.8	QP	17.2	-19.4	31.6	143	140	Vert.	46.0	14.4	
249.998	44.5	QP	17.2	-19.4	42.3	191	128	Hori.	46.0	3.7	
300.000	33.0	QP	12.8	-18.9	26.9	291	100	Vert.	46.0	19.1	
300.000	40.6	QP	12.8	-18.9	34.5	193	113	Hori.	46.0	11.5	
333.330	42.8	QP	14.5	-18.9	38.4	196	100	Hori.	46.0	7.6	
333.330	32.0	QP	14.5	-18.9	27.6	263	366	Vert.	46.0	18.4	
366.663	30.2	QP	16.1	-19.0	27.3	291	262	Vert.	46.0	18.7	
366.663	38.8	QP	16.1	-19.0	35.9	188	100	Hori.	46.0	10.1	
766.659	28.0	QP	21.1	-17.8	31.3	190	118	Vert.	46.0	14.7	
766.660	30.5	QP	21.1	-17.8	33.8	127	113	Hori.	46.0	12.2	

CHART: WITH FACTOR ANT TYPE: -30MHz: LOOP, 30-300MHz: BICONICAL, 300MHz-1000MHz: LOGPERIODIC, 1000MHz-: HORN
CALCULATION: RESULT = READING + ANT FACTOR + LOSS (CABLE+ATTEN.) - GAIN (AMP)

*The test result is rounded off to one or two decimal places, so some differences might be observed.

Radiated Spurious Emission (below 1GHz)
11n(40HT) Rx Middle Band/Hch(5310MHz), Used Antenna for Rx: Antenna 1 + 2 +3

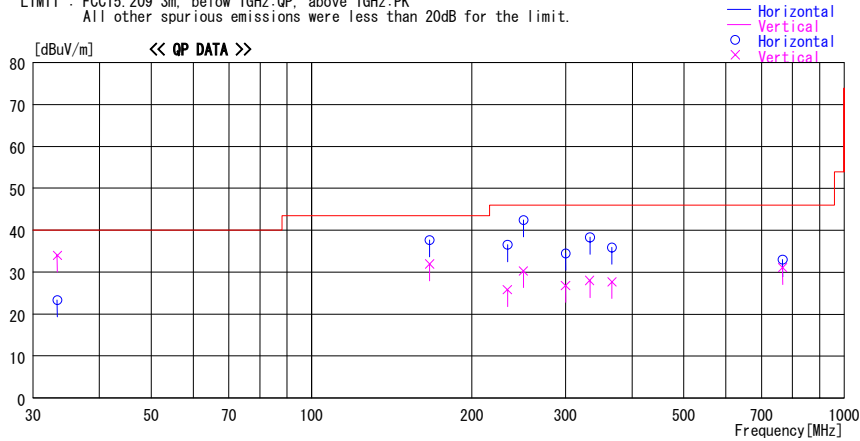
DATA OF RADIATED EMISSION TEST

UL Japan, Inc. Head Office EMC Lab. No. 2 Semi Anechoic Chamber
 Date : 2009/04/07

Company : silix technology, Inc. Report No. : 281E0116-HO-02
 Kind of EUT : MiniPCI Wireless LAN Board Power : DC3.3V (Jig input AC120V / 60Hz)
 Model No. : SX-10WAN + TT98061 Temp./Humi. : 23 deg. C. / 42 %
 Serial No. : 008092011314 + 001, 002, 003 Engineer : Takeshi Choda

Mode / Remarks : WLAN 11n40, Rx, 5310MHz, Ant1, 2, 3 / Module-axis H:Y, V:Y / Antenna-axis H:X0, V:X90

LIMIT : FCC15, 209 3m, below 1GHz:QP, above 1GHz:PK
 All other spurious emissions were less than 20dB for the limit.



Frequency [MHz]	Reading [dBuV]	DET	Antenna Factor [dB/m]	Loss& Gain [dB]	Level [dBuV/m]	Angle [Deg]	Height [cm]	Polar.	Limit [dBuV/m]	Margin [dB]	Comment
33.335	27.6	QP	17.6	-21.8	23.4	153	298	Hori.	40.0	16.6	
33.333	38.2	QP	17.6	-21.8	34.0	63	100	Vert.	40.0	6.0	
166.665	36.5	QP	15.8	-20.3	32.0	120	100	Vert.	43.5	11.5	
166.666	42.2	QP	15.8	-20.3	37.7	325	187	Hori.	43.5	5.8	
233.332	28.3	QP	17.0	-19.5	25.8	141	100	Vert.	46.0	20.2	
233.332	39.0	QP	17.0	-19.5	36.5	359	142	Hori.	46.0	9.5	
249.998	32.5	QP	17.2	-19.4	30.3	141	138	Vert.	46.0	15.7	
249.997	44.6	QP	17.2	-19.4	42.4	187	131	Hori.	46.0	3.6	
300.000	32.9	QP	12.8	-18.9	26.8	292	100	Vert.	46.0	19.2	
300.000	40.6	QP	12.8	-18.9	34.5	195	106	Hori.	46.0	11.5	
333.330	42.7	QP	14.5	-18.9	38.3	197	100	Hori.	46.0	7.7	
333.330	32.4	QP	14.5	-18.9	28.0	276	300	Vert.	46.0	18.0	
366.663	30.6	QP	16.1	-19.0	27.7	277	266	Vert.	46.0	18.3	
366.663	38.8	QP	16.1	-19.0	35.9	190	100	Hori.	46.0	10.1	
766.660	27.8	QP	21.1	-17.8	31.1	188	118	Vert.	46.0	14.9	
766.659	29.7	QP	21.1	-17.8	33.0	122	114	Hori.	46.0	13.0	

CHART: WITH FACTOR ANT TYPE: -30MHz: LOOP, 30-300MHz: BICONICAL, 300MHz-1000MHz: LOGPERIODIC, 1000MHz-: HORN
 CALCULATION: RESULT = READING + ANT FACTOR + LOSS (CABLE+ATTEN.) - GAIN (AMP)

*The test result is rounded off to one or two decimal places, so some differences might be observed.