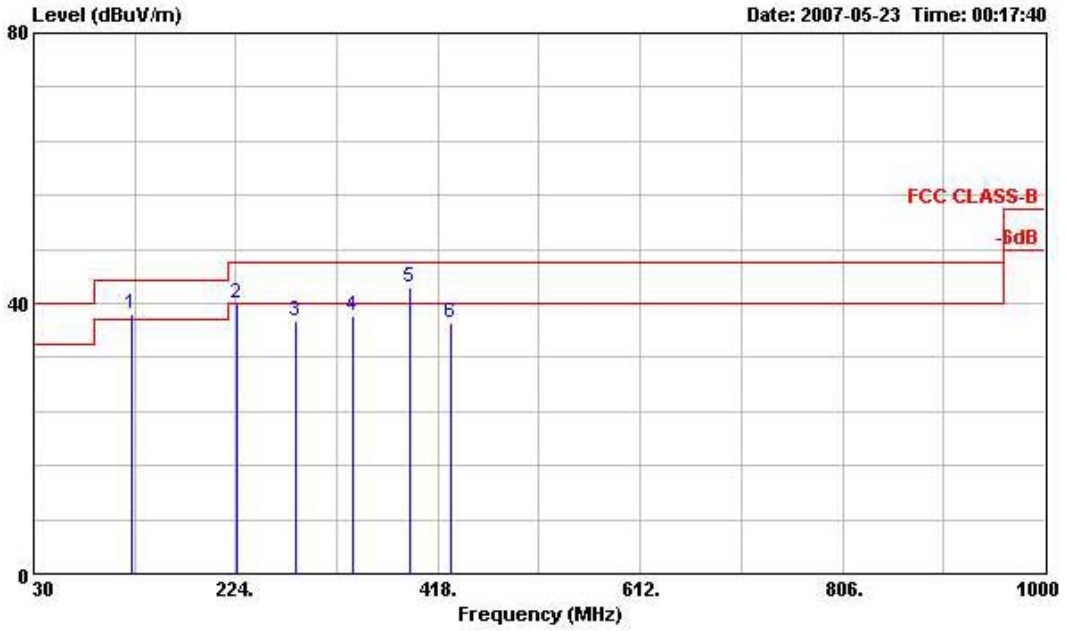
➢ Test Mode : Mode 7

- Temperature : 27℃
- Relative Humidity :58%
- Test Engineer : Anderson
- Polarization : Horizontal

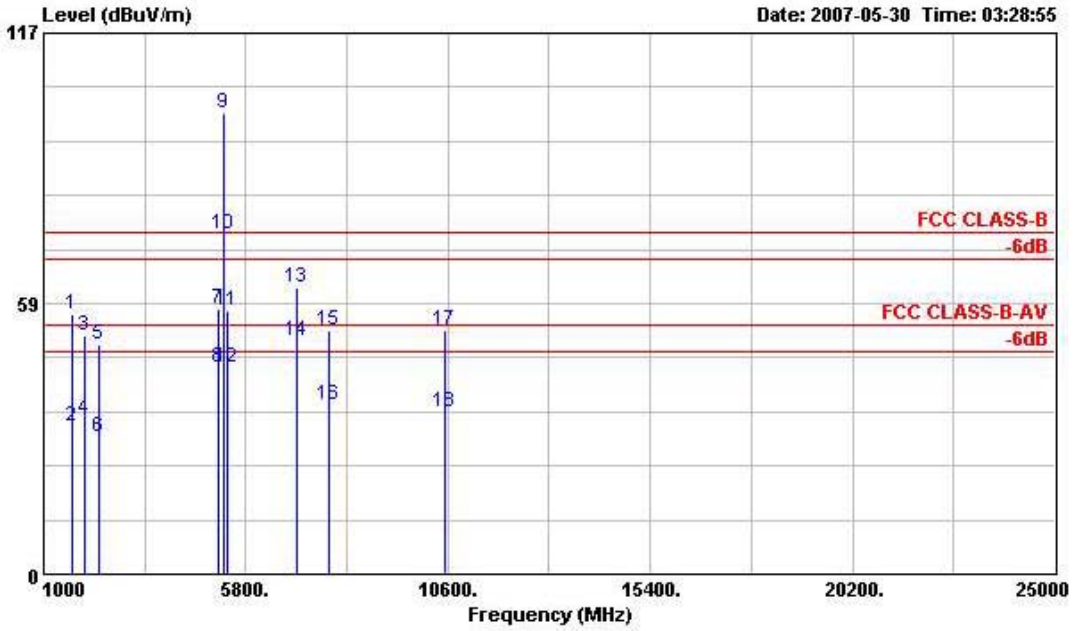
■ **The test that passed at minimum margin was marked by the boldface in the following table.**



Site :03CH04-HY
Condition:FCC CLASS-B 3m ANT2724 HORIZONTAL
EUT :Notebook
POWER :120Vac/60Hz
MODEL :FR 6D2906
MOME :11a TX_CH52_5260MHz(20MHz Turbo mode)

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1 !	124.770	38.51	-4.99	43.50	58.18	11.90	1.28	32.85	---	---	Peak
2	224.940	39.96	-6.04	46.00	60.38	10.65	1.75	32.82	100	106	QP
3	281.100	37.39	-8.61	46.00	55.84	12.41	1.98	32.84	---	---	Peak
4	335.700	38.20	-7.80	46.00	55.38	13.55	2.10	32.82	---	---	Peak
5 @	391.000	42.47	-3.53	46.00	57.58	15.45	2.29	32.85	---	---	Peak
6	430.900	37.20	-8.80	46.00	51.45	16.11	2.43	32.78	---	---	Peak

Remark: Frequency from 9KHz to 30MHz, the emission emitted by the EUT is too low to be measured.



Site :03CH04-HY
Condition:FCC CLASS-B 3m HF-ANT HORIZONTAL
EUT :Notebook
POWER :120Vac/60Hz
MODEL :FR 6D2906
MOME :11a TX_CH52_5260MHz(20MHz Turbo mode)

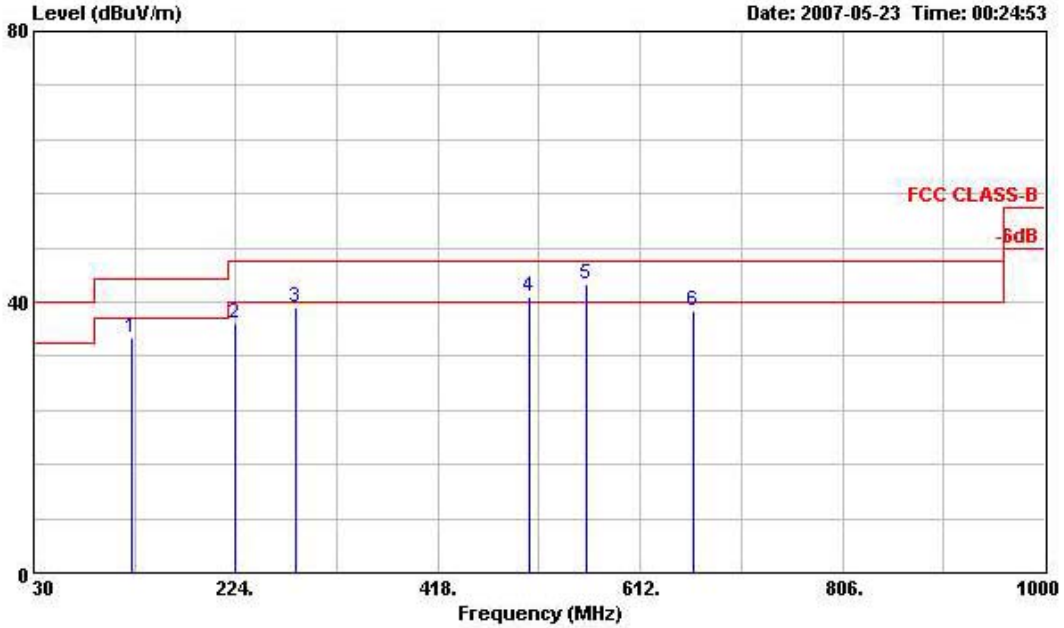
		Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
		MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1		1660.000	56.10	-17.90	74.00	58.26	28.57	2.97	33.70	100	0	Peak
2		1660.000	32.08	-21.92	54.00	34.24	28.57	2.97	33.70	100	27	Average
3		1990.000	51.45	-22.55	74.00	50.67	31.16	3.31	33.70	100	0	Peak
4		1990.000	33.65	-20.35	54.00	32.87	31.16	3.31	33.70	100	175	Average
5		2324.000	49.61	-24.39	74.00	49.00	30.71	3.66	33.77	100	0	Peak
6		2324.000	29.48	-24.52	54.00	28.87	30.71	3.66	33.77	100	241	Average
7		5150.000	57.33	-16.67	74.00	51.61	33.96	6.00	34.24	100	0	Peak
8		5150.000	44.66	-9.34	54.00	38.94	33.96	6.00	34.24	100	29	Average
9	@	5260.000	99.53			93.72	34.00	6.00	34.19	100	0	Peak
10	@	5260.000	73.40			67.59	34.01	6.00	34.19	100	29	Average
11		5350.000	56.82	-17.18	74.00	50.93	34.04	6.00	34.15	100	0	Peak
12		5350.000	44.60	-9.40	54.00	38.71	34.04	6.00	34.15	100	29	Average
13		6996.000	62.00	-12.00	74.00	50.44	37.70	6.36	32.50	100	0	Peak
14	!	6996.000	50.27	-3.73	54.00	38.71	37.70	6.36	32.50	100	274	Average
15		7782.000	52.87	-21.13	74.00	40.56	39.33	6.67	33.69	100	0	Peak
16		7782.000	36.54	-17.46	54.00	24.23	39.33	6.67	33.69	100	102	Average
17		10518.000	52.57	-21.43	74.00	87.76	-8.49	7.80	34.50	100	0	Peak
18		10518.000	35.07	-18.93	54.00	70.26	-8.49	7.80	34.50	100	325	Average

Remark: #9 and #10 Fundamental Signal

Remark: Frequency from 25GHz to 40GHz, the emission emitted by the EUT is too low to be measured.

- Polarization : Vertical

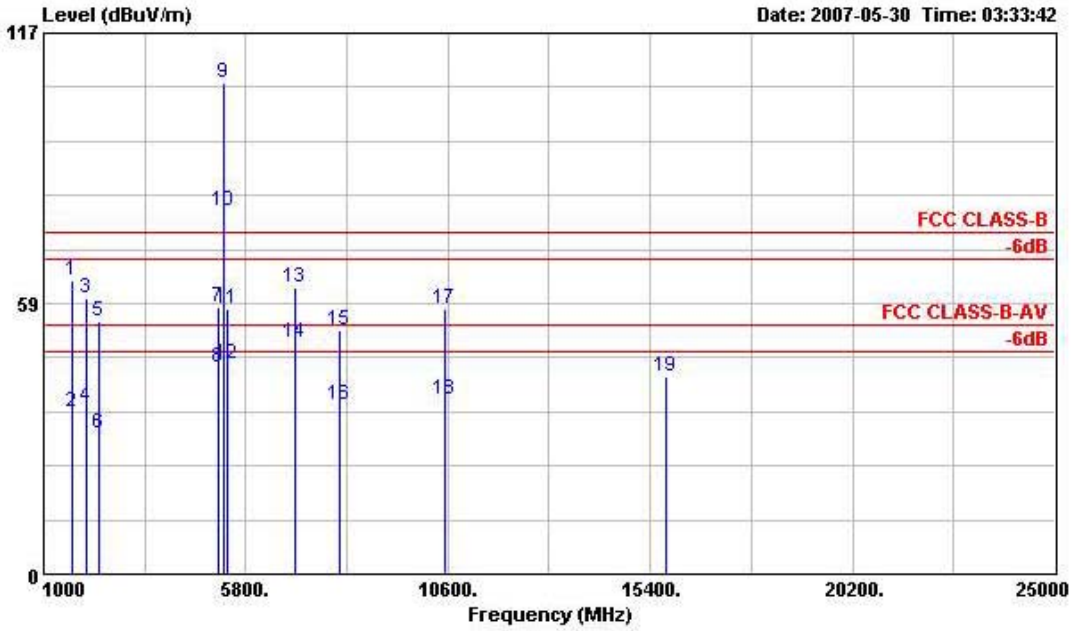
■ The test that passed at minimum margin was marked by the boldface in the following table.



Site :03CH04-HY
Condition:FCC CLASS-B 3m ANT2724 VERTICAL
EUT :Notebook
POWER :120Vac/60Hz
MODEL :FR 6D2906
MOME :11a TX_CH52_5260MHz(20MHz Turbo mode)

		Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
		MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1		124.770	34.61	-8.89	43.50	54.28	11.90	1.28	32.85	---	---	Peak
2		224.130	36.91	-9.09	46.00	57.40	10.57	1.75	32.81	100	208	QP
3		281.100	39.22	-6.78	46.00	57.67	12.41	1.98	32.84	---	---	Peak
4	!	505.800	40.76	-5.24	46.00	53.65	17.08	2.62	32.60	---	---	Peak
5	@	559.700	42.59	-3.41	46.00	53.46	18.68	2.78	32.33	---	---	Peak
6		663.300	38.56	-7.44	46.00	47.43	20.05	3.12	32.04	---	---	Peak

Remark: Frequency from 9KHz to 30MHz, the emission emitted by the EUT is too low to be measured.



Site :03CH04-HY
Condition:FCC CLASS-B 3m HF-ANT VERTICAL
EUT :Notebook
POWER :120Vac/60Hz
MODEL :FR 6D2906
MOME :11a TX_CH52_5260MHz(20MHz Turbo mode)

		Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
		MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1		1662.000	63.57	-10.43	74.00	65.73	28.57	2.97	33.70	100	0	Peak
2		1662.000	35.03	-18.97	54.00	37.19	28.57	2.97	33.70	100	117	Average
3		1998.000	59.81	-14.19	74.00	58.87	31.30	3.34	33.70	100	0	Peak
4		1998.000	36.21	-17.79	54.00	35.27	31.30	3.34	33.70	100	320	Average
5		2324.000	54.60	-19.40	74.00	53.99	30.71	3.66	33.77	100	0	Peak
6		2324.000	30.48	-23.52	54.00	29.87	30.71	3.66	33.77	100	117	Average
7		5150.000	57.68	-16.32	74.00	51.96	33.96	6.00	34.24	100	0	Peak
8		5150.000	44.68	-9.32	54.00	38.96	33.96	6.00	34.24	100	360	Average
9	@	5260.000	106.15			100.35	34.00	6.00	34.19	100	0	Peak
10	@	5260.000	78.44			72.63	34.01	6.00	34.19	100	360	Average
11		5350.000	57.31	-16.69	74.00	51.42	34.04	6.00	34.15	100	0	Peak
12		5350.000	45.23	-8.77	54.00	39.34	34.04	6.00	34.15	100	360	Average
13		6964.000	62.00	-12.00	74.00	50.68	37.50	6.34	32.52	---	---	Peak
14	!	6964.000	50.14	-3.86	54.00	38.82	37.50	6.34	32.52	100	102	Average
15		8020.000	52.60	-21.40	74.00	39.95	39.49	6.76	33.60	100	0	Peak
16		8020.000	36.49	-17.51	54.00	23.84	39.49	6.76	33.60	100	314	Average
17		10521.000	57.47	-16.53	74.00	92.66	-8.49	7.80	34.50	100	0	Peak
18		10521.000	37.63	-16.37	54.00	72.82	-8.49	7.80	34.50	100	142	Average
19		15774.000	42.67	-31.33	74.00	74.15	-5.51	8.74	34.71	---	---	Peak

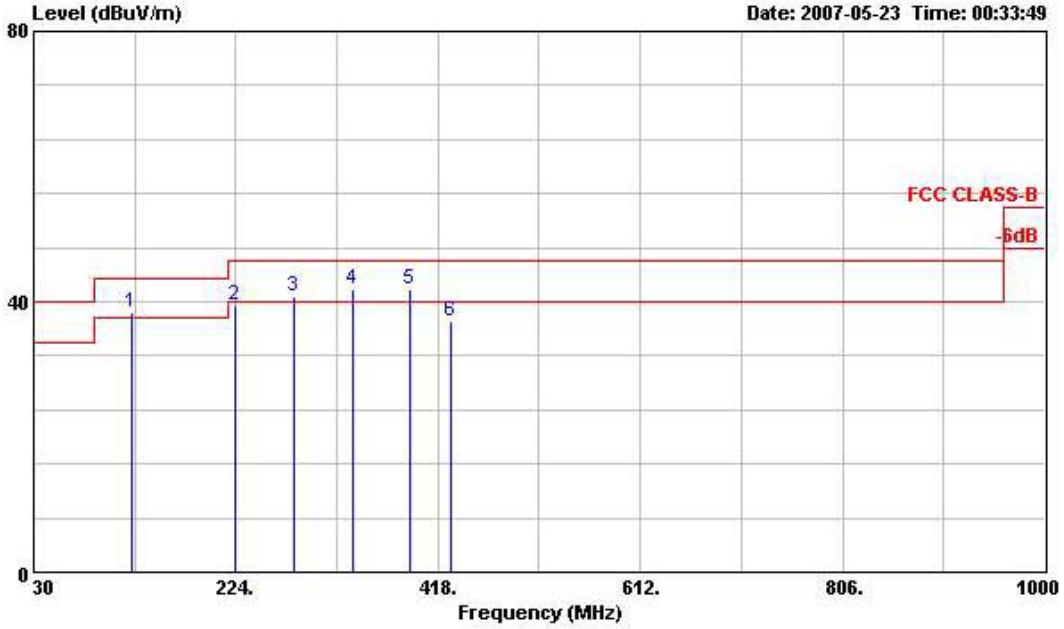
Remark: #9 and #10 Fundamental Signal

Remark: Frequency from 25GHz to 40GHz, the emission emitted by the EUT is too low to be measured.

➢ Test Mode : Mode 8

- Temperature : 27℃
- Relative Humidity :58%
- Test Engineer : Anderson
- Polarization : Horizontal

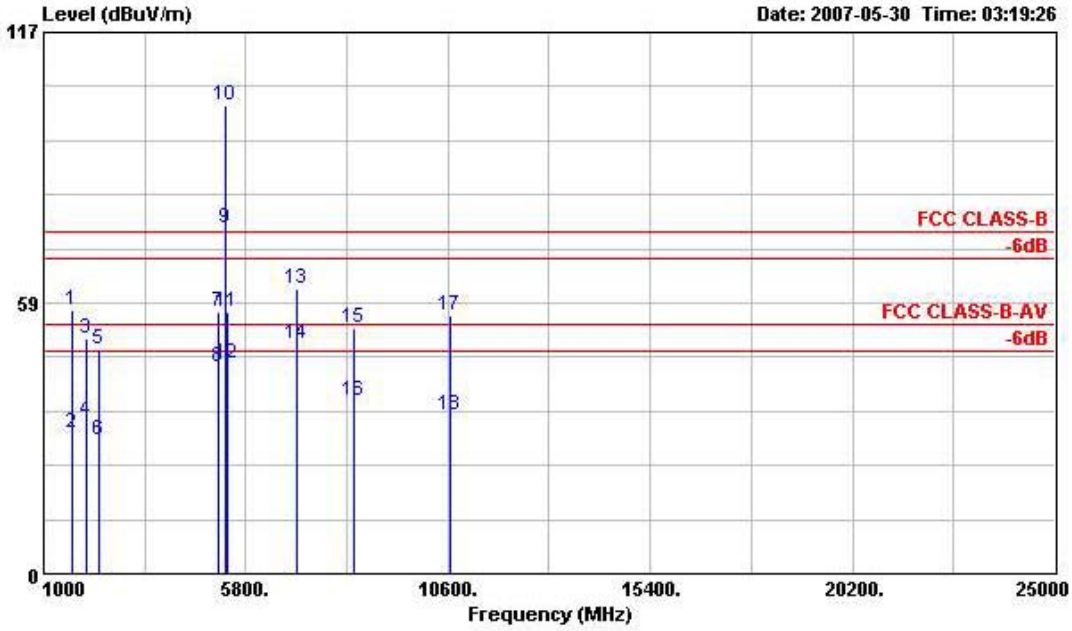
■ **The test that passed at minimum margin was marked by the boldface in the following table.**



Site :03CH04-HY
Condition:FCC CLASS-B 3m ANT2724 HORIZONTAL
EUT :Notebook
POWER :120Vac/60Hz
MODEL :FR 6D2906
MOME :11n TX_CH64_5320MHz(20MHz Turbo mode)

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1 !	124.770	38.43	-5.07	43.50	58.10	11.90	1.28	32.85	---	---	Peak
2	223.860	39.42	-6.58	46.00	59.91	10.57	1.75	32.81	100	101	QP
3 !	280.290	40.87	-5.13	46.00	59.32	12.41	1.98	32.84	---	---	Peak
4 !	335.700	41.72	-4.28	46.00	58.90	13.55	2.10	32.82	---	---	Peak
5 !	391.000	41.75	-4.25	46.00	56.86	15.45	2.29	32.85	---	---	Peak
6	430.900	37.10	-8.90	46.00	51.35	16.11	2.43	32.78	---	---	Peak

Remark: Frequency from 9KHz to 30MHz, the emission emitted by the EUT is too low to be measured.



Site :03CH04-HY
Condition:FCC CLASS-B 3m HF-ANT HORIZONTAL
EUT :Notebook
POWER :120Vac/60Hz
MODEL :FR 6D2906
MOME :11n TX_CH64_5320MHz(20MHz Turbo mode)

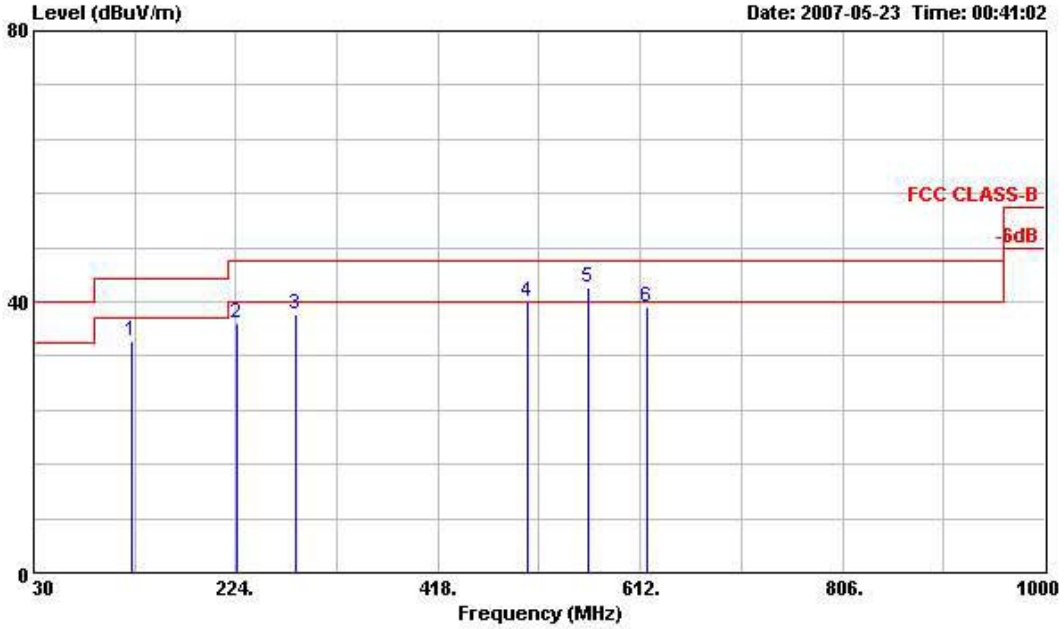
		Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
		MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1		1660.000	56.97	-17.03	74.00	59.13	28.57	2.97	33.70	100	0	Peak
2		1660.000	30.39	-23.61	54.00	32.55	28.57	2.97	33.70	100	28	Average
3		1998.000	50.75	-23.25	74.00	49.81	31.30	3.34	33.70	100	0	Peak
4		1998.000	33.01	-20.99	54.00	32.07	31.30	3.34	33.70	100	170	Average
5		2324.000	48.64	-25.36	74.00	48.03	30.71	3.66	33.77	100	0	Peak
6		2324.000	28.75	-25.25	54.00	28.14	30.71	3.66	33.77	100	244	Average
7		5150.000	56.52	-17.48	74.00	50.80	33.96	6.00	34.24	100	0	Peak
8		5150.000	44.65	-9.35	54.00	38.93	33.96	6.00	34.24	100	356	Average
9	X	5320.000	74.82			68.96	34.03	6.00	34.17	100	356	Average
10	X	5320.000	101.25			95.39	34.03	6.00	34.17	100	0	Peak
11		5350.000	56.74	-17.26	74.00	50.85	34.04	6.00	34.15	100	0	Peak
12		5350.000	45.57	-8.43	54.00	39.68	34.04	6.00	34.15	100	356	Average
13		6996.000	61.45	-12.55	74.00	49.89	37.70	6.36	32.50	100	0	Peak
14	!	6996.000	49.78	-4.22	54.00	38.22	37.70	6.36	32.50	100	296	Average
15		8364.000	53.25	-20.75	74.00	41.14	39.36	6.95	34.19	100	0	Peak
16		8364.000	37.21	-16.79	54.00	25.10	39.36	6.95	34.19	100	308	Average
17		10650.000	55.76	-18.24	74.00	90.82	-8.44	7.80	34.42	100	0	Peak
18		10650.000	34.15	-19.85	54.00	69.21	-8.44	7.80	34.42	100	330	Average

Remark: #9 and #10 Fundamental Signal

Remark: Frequency from 25GHz to 40GHz, the emission emitted by the EUT is too low to be measured.

- Polarization : Vertical

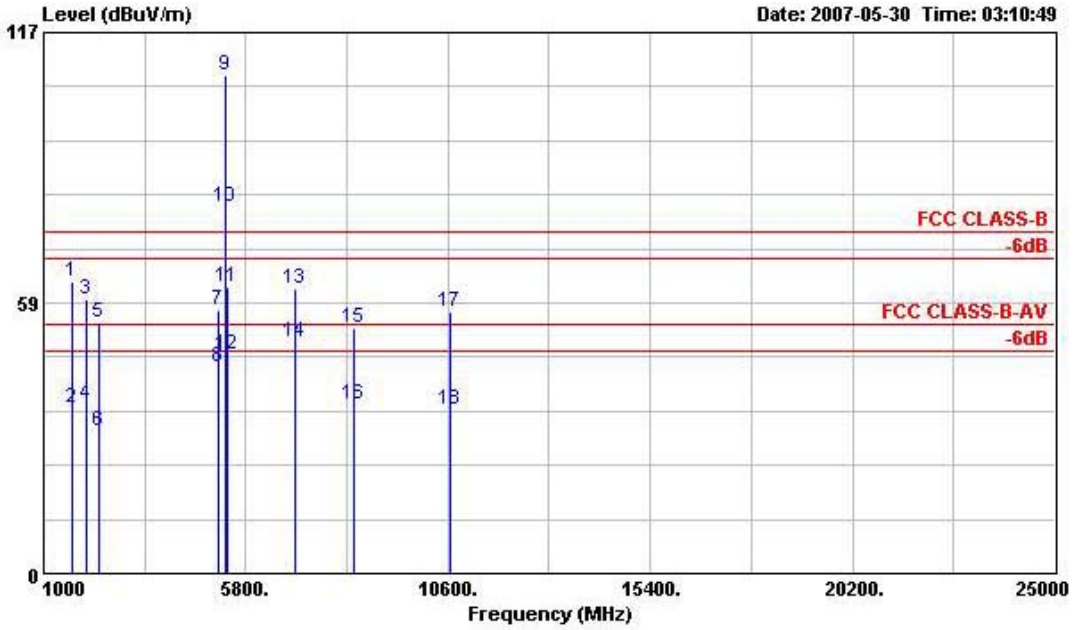
■ **The test that passed at minimum margin was marked by the boldface in the following table.**



Site :03CH04-HY
Condition:FCC CLASS-B 3m ANT2724 VERTICAL
EUT :Notebook
POWER :120Vac/60Hz
MODEL :FR 6D2906
MOME :11n TX_CH64_5320MHz(20MHz Turbo mode)

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	124.770	34.24	-9.26	43.50	53.91	11.90	1.28	32.85	---	---	Peak
2	224.940	36.79	-9.21	46.00	57.21	10.65	1.75	32.82	100	208	QP
3	281.100	38.21	-7.79	46.00	56.66	12.41	1.98	32.84	---	---	Peak
4 !	503.700	40.03	-5.97	46.00	53.04	17.00	2.61	32.62	---	---	Peak
5 !	561.800	42.09	-3.91	46.00	52.91	18.74	2.78	32.34	---	---	Peak
6	617.800	39.17	-6.83	46.00	48.61	19.94	2.92	32.31	---	---	Peak

Remark: Frequency from 9KHz to 30MHz, the emission emitted by the EUT is too low to be measured.



Site :03CH04-HY
Condition:FCC CLASS-B 3m HF-ANT VERTICAL
EUT :Notebook
POWER :120Vac/60Hz
MODEL :FR 6D2906
MODE :11n TX_CH64_5320MHz(20MHz Turbo mode)

		Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
		MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1		1662.000	63.14	-10.86	74.00	65.30	28.57	2.97	33.70	100	0	Peak
2		1662.000	35.84	-18.16	54.00	38.00	28.57	2.97	33.70	100	126	Average
3		1996.000	59.42	-14.58	74.00	58.48	31.30	3.34	33.70	100	0	Peak
4		1996.000	36.71	-17.29	54.00	35.77	31.30	3.34	33.70	100	330	Average
5		2326.000	54.30	-19.70	74.00	53.69	30.71	3.66	33.77	100	0	Peak
6		2326.000	30.88	-23.12	54.00	30.27	30.71	3.66	33.77	100	120	Average
7		5150.000	57.08	-16.92	74.00	51.36	33.96	6.00	34.24	100	0	Peak
8		5150.000	44.70	-9.30	54.00	38.98	33.96	6.00	34.24	100	3	Average
9	@	5320.000	107.87			102.00	34.03	6.00	34.16	100	0	Peak
10	X	5320.000	79.23			73.37	34.03	6.00	34.17	100	3	Average
11		5350.000	62.08	-11.92	74.00	56.19	34.04	6.00	34.15	100	0	Peak
12		5350.000	47.31	-6.69	54.00	41.42	34.04	6.00	34.15	100	3	Average
13		6988.000	61.46	-12.54	74.00	50.00	37.60	6.36	32.50	100	0	Peak
14	!	6988.000	50.14	-3.86	54.00	38.68	37.60	6.36	32.50	100	332	Average
15		8350.000	53.09	-20.91	74.00	40.94	39.36	6.93	34.15	100	0	Peak
16		8350.000	36.53	-17.47	54.00	24.38	39.36	6.93	34.15	100	79	Average
17		10650.000	56.67	-17.33	74.00	91.73	-8.44	7.80	34.42	100	0	Peak
18		10650.000	35.30	-18.70	54.00	70.36	-8.44	7.80	34.42	100	320	Average

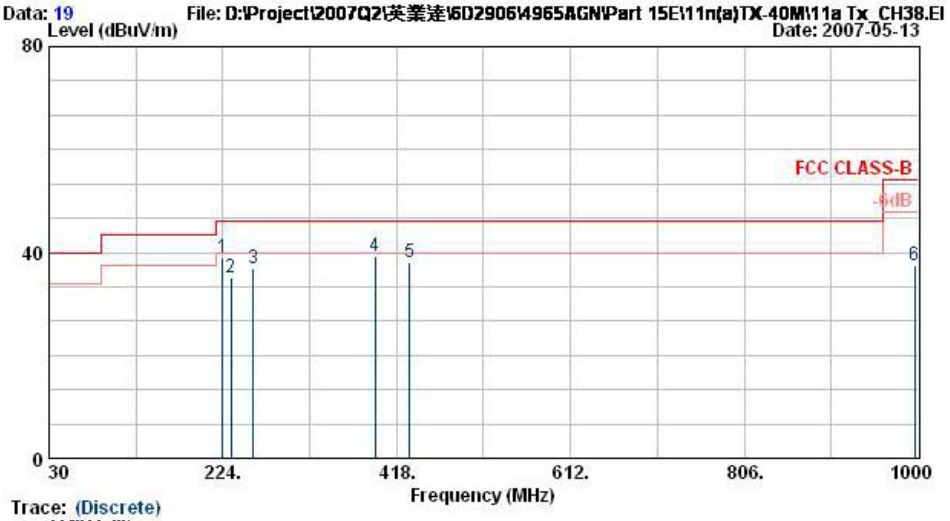
Remark: #9 and #10 Fundamental Signal

Remark: Frequency from 25GHz to 40GHz, the emission emitted by the EUT is too low to be measured.

➢ Test Mode : Mode 9

- Temperature : 27℃
- Relative Humidity :58%
- Test Engineer : Anderson
- Polarization : Horizontal

■ **The test that passed at minimum margin was marked by the boldface in the following table.**

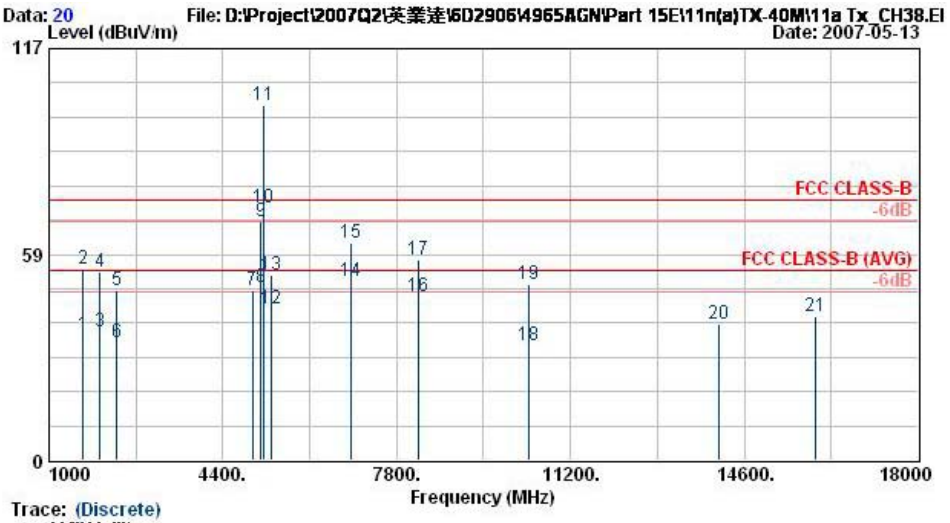


Trace: (Discrete)

Site : 03CH06-HY
Condition : LF-ANT(95112)_HORIZONTAL
EUT : Notebook
Power : 120Vac/60Hz
Model : FR 6D2906
Memo : 11n(a) Tx_CH38;5190MHz
Data Rate : 40

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	224.13	38.85	-7.15	46.00	56.95	10.73	2.16	30.99	---	---	Peak
2	233.04	35.21	-10.79	46.00	52.66	11.24	2.24	30.93	---	---	Peak
3	257.88	36.81	-9.19	46.00	52.87	12.42	2.47	30.94	---	---	Peak
4 @	393.80	39.15	-6.85	46.00	51.33	15.61	3.07	30.87	100	208	Peak
5	432.30	38.09	-7.91	46.00	49.35	16.31	3.26	30.83	---	---	Peak
6	995.80	37.60	-16.40	54.00	41.53	21.21	5.13	30.27	---	---	Peak

Remark: Frequency from 9KHz to 30MHz, the emission emitted by the EUT is too low to be measured.



Site : 03CH06-HY
Condition : HF-ANT(8-18)-060918 HORIZONTAL
EUT : Notebook
Power : 120Vac/60Hz
Model : FR 6D2906
Memo : 11n(a) Tx_CH38;5190MHz
Data Rate : 40

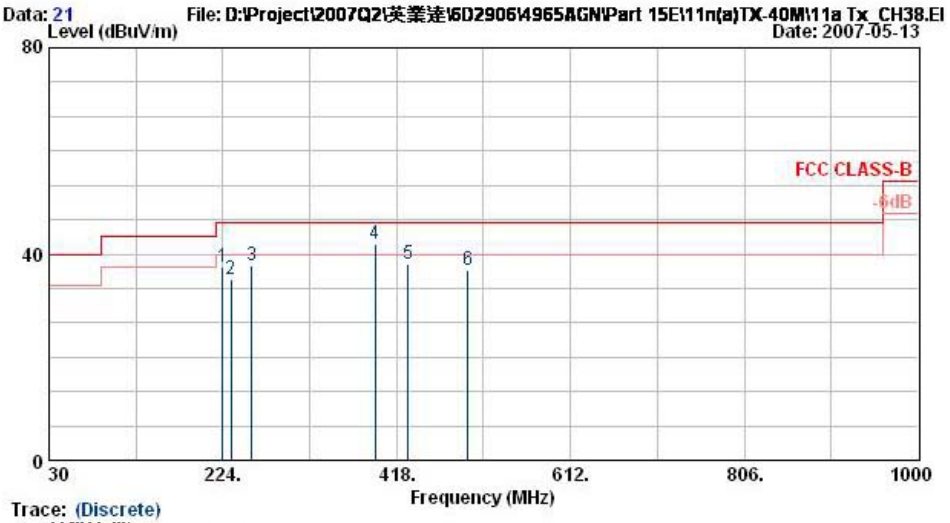
		Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
		MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1		1664.00	35.51	-18.49	54.00	40.58	27.43	3.03	35.53	100	4	Average
2		1664.00	54.48	-19.52	74.00	59.56	27.43	3.03	35.53	100	0	Peak
3		1994.00	36.71	-17.29	54.00	38.46	30.10	3.32	35.17	100	160	Average
4		1994.00	53.39	-20.61	74.00	55.29	29.97	3.30	35.17	100	0	Peak
5		2324.00	48.18	-25.82	74.00	49.67	30.23	3.69	35.40	100	0	Peak
6		2324.00	33.29	-20.71	54.00	34.78	30.23	3.69	35.40	100	323	Average
7		4984.00	48.48	-25.52	74.00	45.24	33.53	5.96	36.25	---	---	Peak
8	@	5150.00	49.31	-4.69	54.00	45.69	33.60	6.21	36.19	100	318	Average
9	@	5150.00	67.96	-6.04	74.00	64.34	33.60	6.21	36.19	100	0	Peak
10	@	5190.00	71.85			68.11	33.60	6.32	36.18	100	318	Average
11	@	5190.00	100.69			96.96	33.60	6.32	36.18	100	0	Peak
12		5350.00	42.84	-11.16	54.00	38.73	33.60	6.59	36.08	100	318	Average
13		5350.00	52.52	-21.48	74.00	48.41	33.60	6.59	36.08	100	0	Peak
14	@	6918.00	51.09	-2.91	54.00	41.71	37.33	7.79	35.74	164	37	Average
15		6918.00	61.62	-12.38	74.00	52.24	37.33	7.79	35.74	100	0	Peak
16		8234.00	46.51	-7.49	54.00	35.03	39.41	8.06	35.98	100	200	Average
17		8234.00	56.85	-17.15	74.00	45.36	39.41	8.06	35.98	100	0	Peak
18		10377.00	32.49	-21.51	54.00	68.35	-8.69	9.43	36.60	145	79	Average
19		10377.00	50.14	-23.86	74.00	86.00	-8.69	9.43	36.60	100	0	Peak
20		14112.00	38.86	-35.14	74.00	68.16	-6.21	11.65	34.73	---	---	Peak
21		16002.00	40.86	-33.14	74.00	69.41	-3.90	11.77	36.42	---	---	Peak

Remark: #10 and #11 Fundamental Signal

Remark: Frequency from 18GHz to 40GHz, the emission emitted by the EUT is too low to be measured.

- Polarization : Vertical

■ The test that passed at minimum margin was marked by the boldface in the following table.

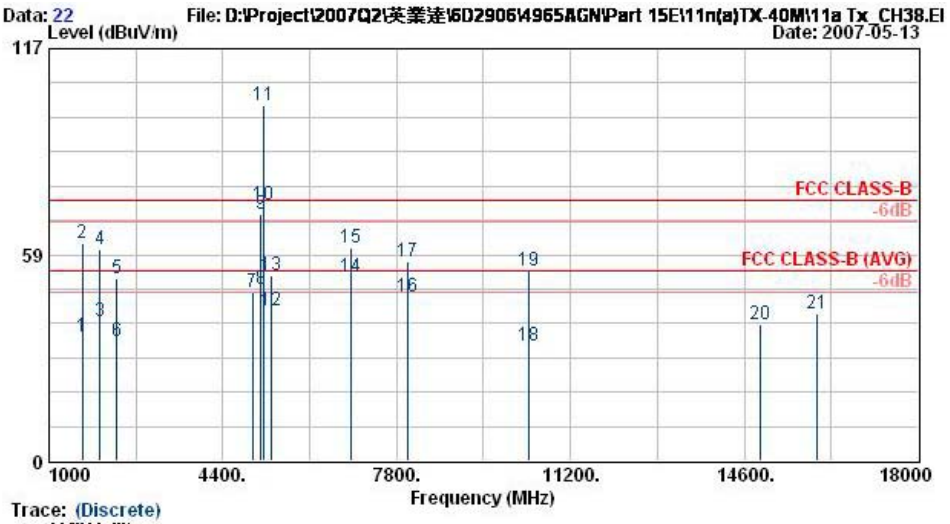


Trace: (Discrete)

Site : 03CH06-HY
Condition : LF-ANT(95[12]) VERTICAL
EUT : Notebook
Power : 120Vac/60Hz
Model : FR 6D2906
Memo : 11n(a) Tx_CH38;5190MHz
Data Rate : 40

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	223.59	37.51	-8.49	46.00	55.61	10.73	2.16	30.99	---	---	Peak
2	233.04	34.95	-11.05	46.00	52.39	11.24	2.24	30.93	---	---	Peak
3	256.53	37.77	-8.23	46.00	53.84	12.40	2.46	30.94	---	---	Peak
4 @	393.80	42.03	-3.97	46.00	54.21	15.61	3.07	30.87	100	341	Peak
5	430.90	38.09	-7.91	46.00	49.39	16.27	3.26	30.83	---	---	Peak
6	497.40	36.87	-9.13	46.00	46.78	17.38	3.50	30.79	---	---	Peak

Remark: Frequency from 9KHz to 30MHz, the emission emitted by the EUT is too low to be measured.



Site : 03CH06-HY
Condition : HF-ANT(8-18)-060918 VERTICAL
EUT : Notebook
Power : 120Vac/60Hz
Model : FR 6D2906
Memo : 11n(a) Tx_CH38;5190MHz
Data Rate : 40

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	1658.00	35.31	-18.69	54.00	40.38	27.43	3.03	35.53	100	249	Average
2	1658.00	61.89	-12.11	74.00	66.96	27.43	3.03	35.53	100	360	Peak
3	1994.00	39.45	-14.55	54.00	41.35	29.97	3.30	35.17	100	83	Average
4	1994.00	59.83	-14.17	74.00	61.73	29.97	3.30	35.17	100	360	Peak
5	2328.00	51.78	-22.22	74.00	53.27	30.23	3.69	35.40	100	360	Peak
6	2328.00	33.74	-20.26	54.00	35.23	30.23	3.69	35.40	100	260	Average
7	4978.00	47.96	-26.04	74.00	44.73	33.53	5.94	36.25	---	---	Peak
8 @	5150.00	48.74	-5.26	54.00	45.12	33.60	6.21	36.19	112	284	Average
9 @	5150.00	70.03	-3.97	74.00	66.41	33.60	6.21	36.19	100	0	Peak
10 @	5190.00	72.64			68.90	33.60	6.32	36.18	112	284	Average
11 @	5190.00	100.83			97.07	33.60	6.32	36.16	100	0	Peak
12	5350.00	42.78	-11.22	54.00	38.67	33.60	6.59	36.08	112	284	Average
13	5350.00	52.42	-21.58	74.00	48.31	33.60	6.59	36.08	100	0	Peak
14 @	6918.00	52.14	-1.86	54.00	42.76	37.33	7.79	35.74	197	6	Average
15	6918.00	60.64	-13.36	74.00	51.27	37.33	7.79	35.74	100	0	Peak
16	8014.00	46.58	-7.42	54.00	35.04	39.59	7.81	35.86	100	48	Average
17	8014.00	56.74	-17.26	74.00	45.20	39.59	7.81	35.86	100	360	Peak
18	10386.00	32.75	-21.25	54.00	68.60	-8.68	9.43	36.60	138	177	Average
19	10386.00	54.09	-19.91	74.00	89.93	-8.68	9.43	36.60	100	360	Peak
20	14901.00	38.61	-35.39	74.00	69.47	-6.28	11.34	35.93	---	---	Peak
21	16032.00	41.81	-32.19	74.00	70.43	-4.27	11.78	36.13	---	---	Peak

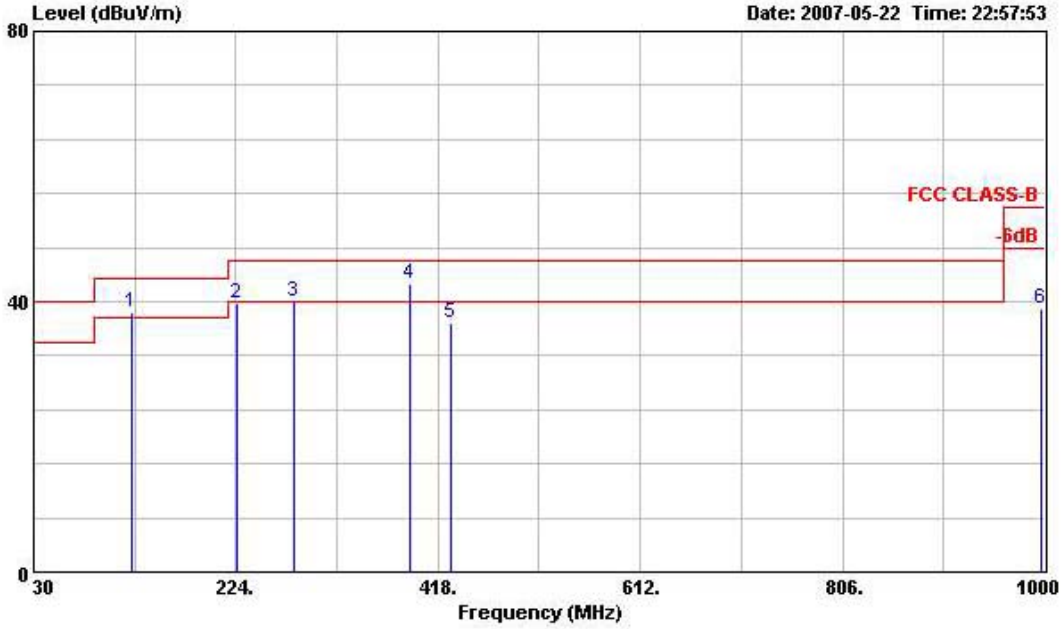
Remark: #10 and #11 Fundamental Signal

Remark: Frequency from 18GHz to 40GHz, the emission emitted by the EUT is too low to be measured.

➢ Test Mode : Mode 10

- Temperature : 27℃
- Relative Humidity :58%
- Test Engineer : Anderson
- Polarization : Horizontal

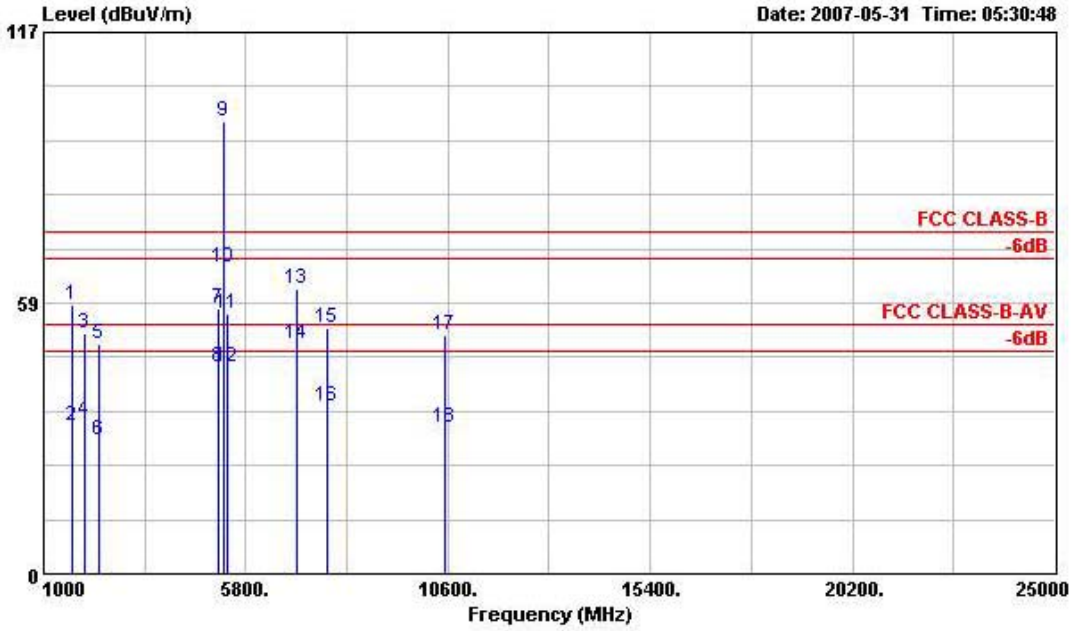
■ **The test that passed at minimum margin was marked by the boldface in the following table.**



Site :03CH04-HY
Condition:FCC CLASS-B 3m ANT2724 HORIZONTAL
EUT :Notebook
POWER :120Vac/60Hz
MODEL :FR 6D2906
MOME :11a TX_CH54_5270MHz(40MHz Turbo mode)

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1 !	124.770	38.43	-5.07	43.50	58.10	11.90	1.28	32.85	---	---	Peak
2 !	224.940	39.86	-3.64	43.50	59.53	11.90	1.28	32.85	100	101	QP
3 !	280.290	40.02	-5.98	46.00	58.47	12.41	1.98	32.84	---	---	Peak
4 !	391.000	42.76	-3.24	46.00	57.87	15.45	2.29	32.85	---	---	Peak
5	430.900	36.91	-9.09	46.00	51.16	16.11	2.43	32.78	---	---	Peak
6	995.800	38.92	-15.08	54.00	40.22	25.95	3.74	31.00	---	---	Peak

Remark: Frequency from 9KHz to 30MHz, the emission emitted by the EUT is too low to be measured.



Site :03CH04-HY
Condition:FCC CLASS-B 3m HF-ANT HORIZONTAL
EUT :Notebook
POWER :120Vac/60Hz
MODEL :FR 6D2906
MODE :11a TX_CH54_5270MHz(40MHz Turbo mode)

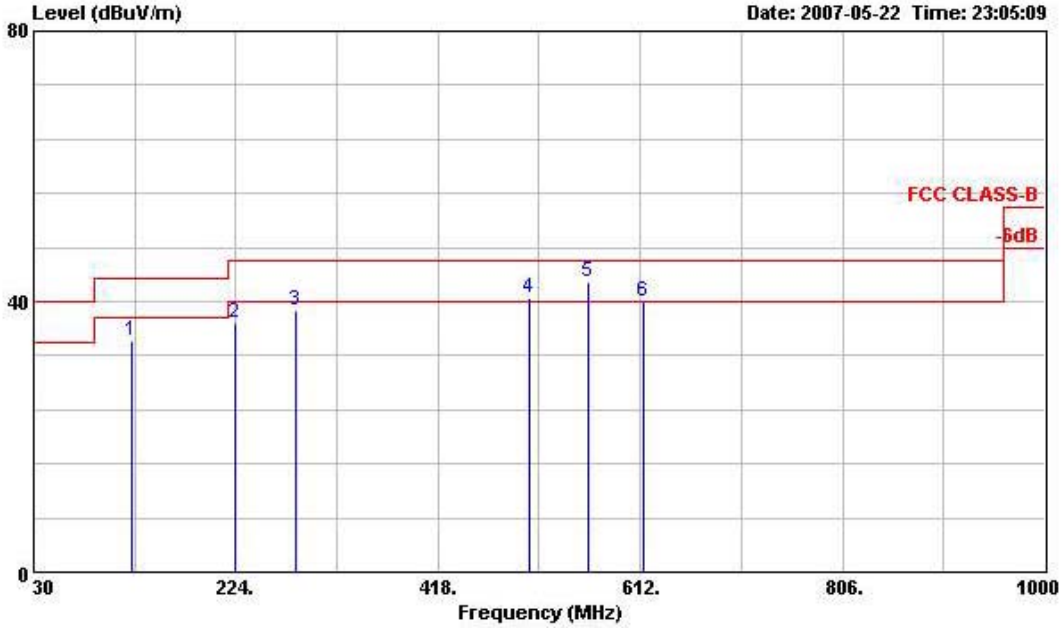
		Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
		MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1		1660.000	58.20	-15.80	74.00	60.36	28.57	2.97	33.70	100	0	Peak
2		1660.000	31.84	-22.16	54.00	34.00	28.57	2.97	33.70	100	43	Average
3		1990.000	52.00	-22.00	74.00	51.22	31.16	3.31	33.70	100	0	Peak
4		1990.000	33.05	-20.95	54.00	32.27	31.16	3.31	33.70	100	183	Average
5		2332.000	49.82	-24.18	74.00	49.19	30.71	3.69	33.77	100	0	Peak
6		2332.000	28.93	-25.07	54.00	28.30	30.71	3.69	33.77	100	227	Average
7		5150.000	57.28	-16.72	74.00	51.56	33.96	6.00	34.24	100	0	Peak
8		5150.000	44.66	-9.34	54.00	38.94	33.96	6.00	34.24	100	27	Average
9	X	5270.000	97.91			92.10	34.00	6.00	34.19	100	0	Peak
10	X	5270.000	66.12			60.31	34.01	6.00	34.19	100	27	Average
11		5350.000	56.05	-17.95	74.00	50.16	34.04	6.00	34.15	100	0	Peak
12		5350.000	44.78	-9.22	54.00	38.89	34.04	6.00	34.15	100	27	Average
13		6998.000	61.44	-12.56	74.00	49.88	37.70	6.36	32.50	100	0	Peak
14	!	6998.000	49.83	-4.17	54.00	38.27	37.70	6.36	32.50	100	275	Average
15		7724.000	52.95	-21.05	74.00	40.73	39.29	6.65	33.71	100	0	Peak
16		7724.000	36.21	-17.79	54.00	23.99	39.29	6.65	33.71	100	128	Average
17		10521.000	51.55	-22.45	74.00	86.74	-8.49	7.80	34.50	100	0	Peak
18		10521.000	31.42	-22.58	54.00	66.61	-8.49	7.80	34.50	100	323	Average

Remark: #9 and #10 Fundamental Signal

Remark: Frequency from 25GHz to 40GHz, the emission emitted by the EUT is too low to be measured.

- Polarization : Vertical

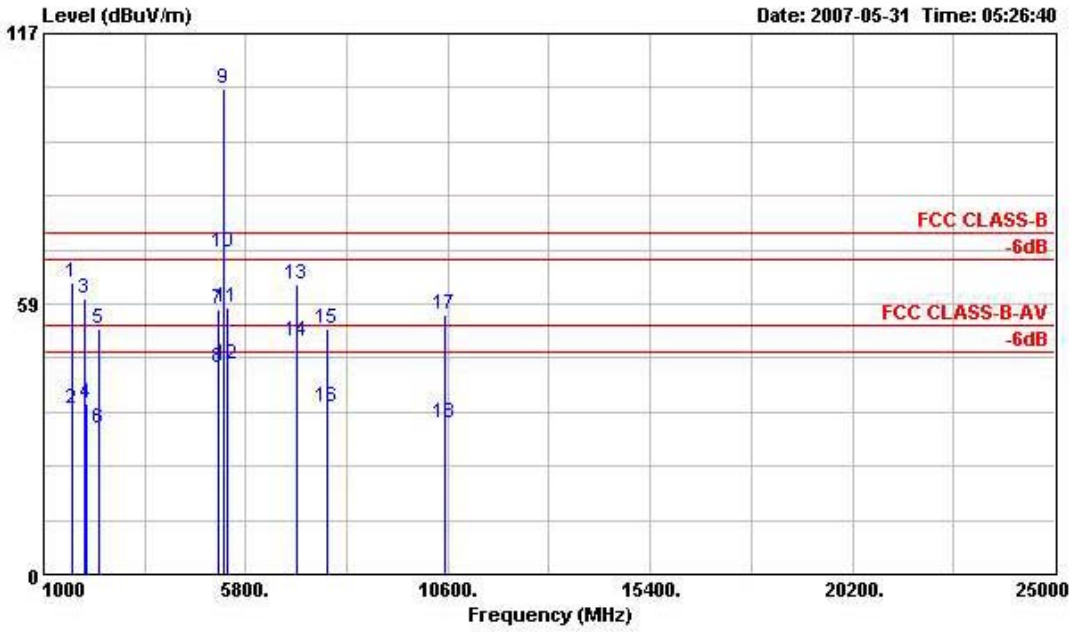
■ The test that passed at minimum margin was marked by the boldface in the following table.



Site :03CH04-HY
Condition:FCC CLASS-B 3m ANT2724 VERTICAL
EUT :Notebook
POWER :120Vac/60Hz
MODEL :FR 6D2906
MOME :11a TX_CH54_5270MHz(40MHz Turbo mode)

		Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
		MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1		124.770	34.19	-9.31	43.50	53.86	11.90	1.28	32.85	---	---	Peak
2		224.120	36.88	-9.12	46.00	57.37	10.57	1.75	32.81	100	208	QP
3		281.100	38.67	-7.33	46.00	57.12	12.41	1.98	32.84	---	---	Peak
4	!	505.800	40.43	-5.57	46.00	53.32	17.08	2.62	32.60	---	---	Peak
5	!	561.800	42.90	-3.10	46.00	53.72	18.74	2.78	32.34	---	---	Peak
6	!	615.700	40.13	-5.87	46.00	49.61	19.94	2.91	32.33	---	---	Peak

Remark: Frequency from 9KHz to 30MHz, the emission emitted by the EUT is too low to be measured.



Site :03CH04-HY
Condition:FCC CLASS-B 3m HF-ANT VERTICAL
EUT :Notebook
POWER :120Vac/60Hz
MODEL :FR 6D2906
MOME :11a TX_CH54_5270MHz(40MHz Turbo mode)

		Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
		MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1		1662.000	62.98	-11.02	74.00	65.14	28.57	2.97	33.70	100	0	Peak
2		1662.000	35.84	-18.16	54.00	38.00	28.57	2.97	33.70	100	116	Average
3		1990.000	59.70	-14.30	74.00	58.92	31.16	3.31	33.70	100	0	Peak
4		1996.000	36.78	-17.22	54.00	35.84	31.30	3.34	33.70	100	341	Average
5		2326.000	53.26	-20.74	74.00	52.65	30.71	3.66	33.77	100	0	Peak
6		2326.000	31.56	-22.44	54.00	30.95	30.71	3.66	33.77	100	122	Average
7		5150.000	57.36	-16.64	74.00	51.64	33.96	6.00	34.24	100	0	Peak
8		5150.000	44.64	-9.36	54.00	38.92	33.96	6.00	34.24	100	2	Average
9	@	5270.000	105.20			99.37	34.01	6.00	34.18	100	0	Peak
10	X	5270.000	69.82			64.01	34.01	6.00	34.19	100	2	Average
11		5350.000	57.78	-16.22	74.00	51.89	34.04	6.00	34.15	100	0	Peak
12		5350.000	45.50	-8.50	54.00	39.61	34.04	6.00	34.15	100	2	Average
13		6998.000	62.69	-11.31	74.00	51.13	37.70	6.36	32.50	100	0	Peak
14	!	6998.000	50.46	-3.54	54.00	38.90	37.70	6.36	32.50	100	127	Average
15		7724.000	52.95	-21.05	74.00	40.73	39.29	6.65	33.71	100	0	Peak
16		7724.000	36.21	-17.79	54.00	23.99	39.29	6.65	33.71	100	128	Average
17		10533.000	56.05	-17.95	74.00	91.22	-8.49	7.80	34.48	100	0	Peak
18		10533.000	32.89	-21.11	54.00	68.06	-8.49	7.80	34.48	100	190	Average

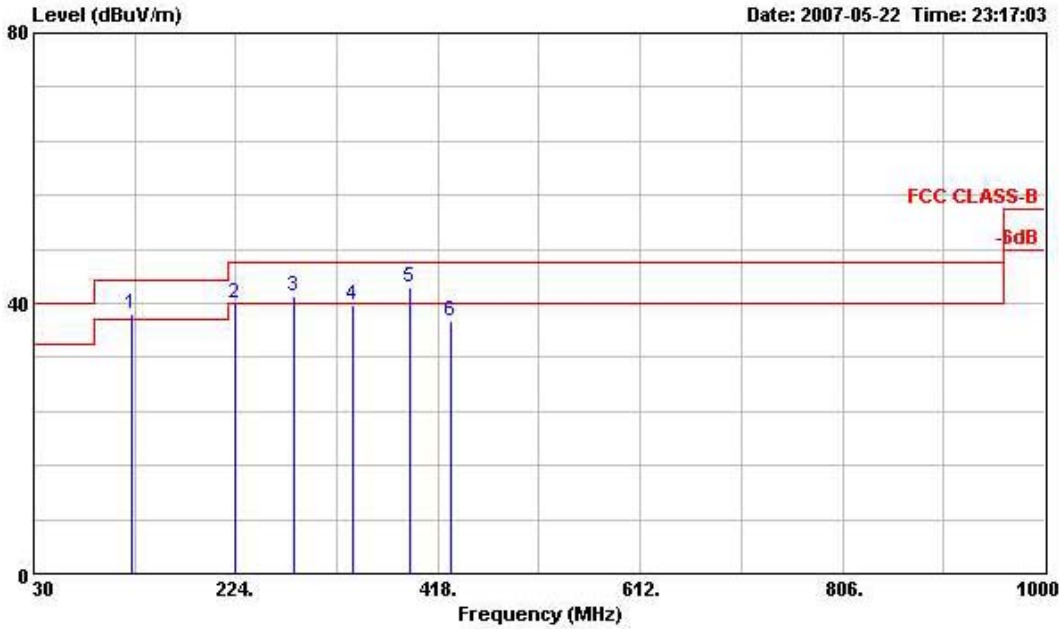
Remark: #9 and #10 Fundamental Signal

Remark: Frequency from 25GHz to 40GHz, the emission emitted by the EUT is too low to be measured.

➢ Test Mode : Mode 11

- Temperature : 27℃
- Relative Humidity :58%
- Test Engineer : Anderson
- Polarization : Horizontal

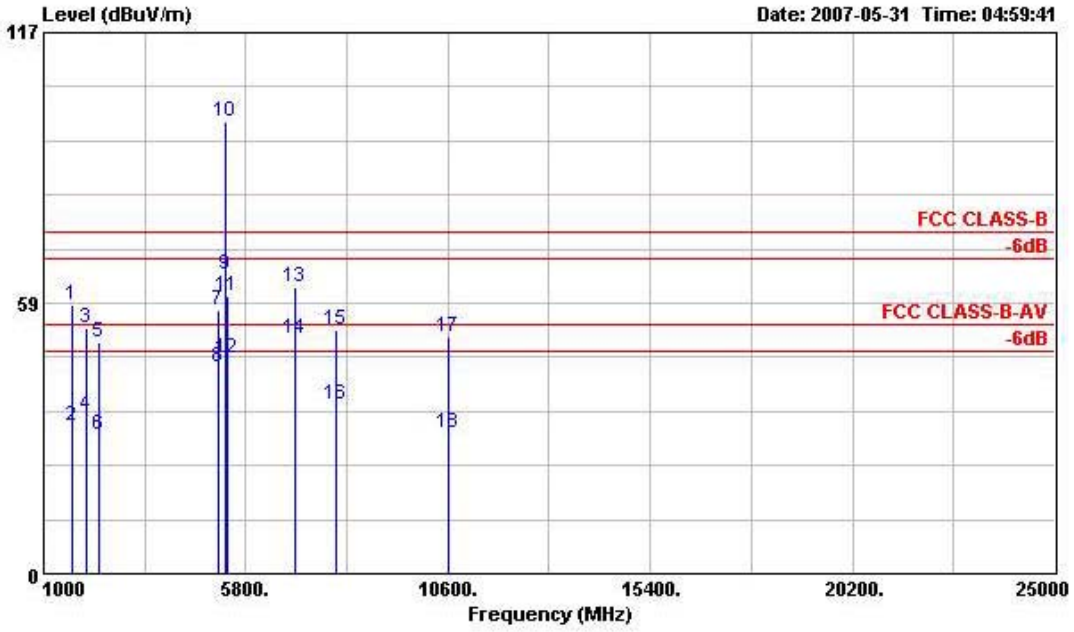
■ **The test that passed at minimum margin was marked by the boldface in the following table.**



Site :03CH04-HY
Condition:FCC CLASS-B 3m ANT2724 HORIZONTAL
EUT :Notebook
POWER :120Vac/60Hz
MODEL :FR 6D2906
MOME :11a TX_CH62_5310MHz(40MHz Turbo mode)

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1 !	124.770	38.36	-5.14	43.50	58.03	11.90	1.28	32.85	---	---	Peak
2	224.130	39.91	-6.09	46.00	60.40	10.57	1.75	32.81	100	106	QP
3 !	280.290	40.95	-5.05	46.00	59.40	12.41	1.98	32.84	---	---	Peak
4	335.700	39.84	-6.16	46.00	57.02	13.55	2.10	32.82	---	---	Peak
5 !	391.000	42.40	-3.60	46.00	57.51	15.45	2.29	32.85	---	---	Peak
6	430.900	37.38	-8.62	46.00	51.63	16.11	2.43	32.78	---	---	Peak

Remark: Frequency from 9KHz to 30MHz, the emission emitted by the EUT is too low to be measured.



Site :03CH04-HY
Condition:FCC CLASS-B 3m HF-ANT HORIZONTAL
EUT :Notebook
POWER :120Vac/60Hz
MODEL :FR 6D2906
MOME :11a TX_CH62_5310MHz(40MHz Turbo mode)

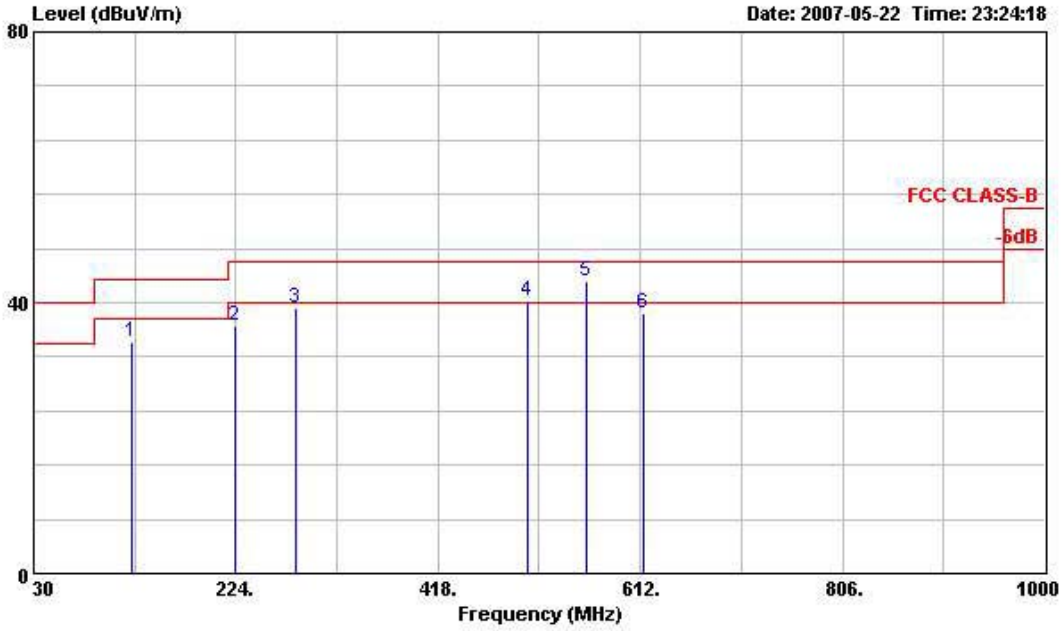
	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	1660.000	57.97	-16.03	74.00	60.13	28.57	2.97	33.70	100	0	Peak
2	1660.000	31.79	-22.21	54.00	33.95	28.57	2.97	33.70	100	28	Average
3	1996.000	53.30	-20.70	74.00	52.36	31.30	3.34	33.70	100	0	Peak
4	1996.000	34.16	-19.84	54.00	33.22	31.30	3.34	33.70	100	166	Average
5	2326.000	49.90	-24.10	74.00	49.29	30.71	3.66	33.77	100	0	Peak
6	2326.000	30.17	-23.83	54.00	29.56	30.71	3.66	33.77	100	225	Average
7	5150.000	56.78	-17.22	74.00	51.06	33.96	6.00	34.24	100	0	Peak
8	5150.000	44.72	-9.28	54.00	39.00	33.96	6.00	34.24	100	357	Average
9 X	5310.000	64.64			58.87	33.99	6.00	34.22	100	357	Average
10 X	5310.000	97.84			91.98	34.03	6.00	34.17	100	0	Peak
11	5350.000	59.88	-14.12	74.00	53.99	34.04	6.00	34.15	100	0	Peak
12	5350.000	46.48	-7.52	54.00	40.59	34.04	6.00	34.15	100	357	Average
13	6988.000	62.14	-11.86	74.00	50.68	37.60	6.36	32.50	100	0	Peak
14 !	6988.000	50.96	-3.04	54.00	39.50	37.60	6.36	32.50	100	63	Average
15	7924.000	52.88	-21.12	74.00	40.35	39.43	6.72	33.63	100	0	Peak
16	7924.000	36.59	-17.41	54.00	24.06	39.43	6.72	33.63	100	174	Average
17	10626.000	51.12	-22.88	74.00	86.20	-8.45	7.80	34.44	100	0	Peak
18	10626.000	30.47	-23.53	54.00	65.55	-8.45	7.80	34.44	100	325	Average

Remark: #9 and #10 Fundamental Signal

Remark: Frequency from 25GHz to 40GHz, the emission emitted by the EUT is too low to be measured.

- Polarization : Vertical

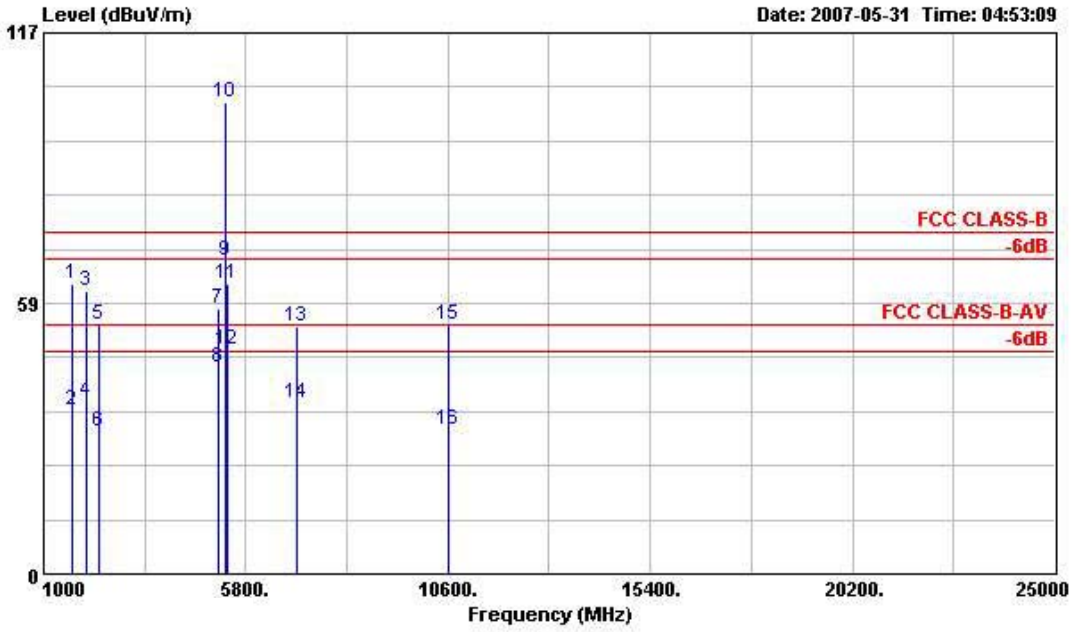
■ The test that passed at minimum margin was marked by the boldface in the following table.



Site :03CH04-HY
Condition:FCC CLASS-B 3m ANT2724 VERTICAL
EUT :Notebook
POWER :120Vac/60Hz
MODEL :FR 6D2906
MOME :11a TX_CH62_5310MHz(40MHz Turbo mode)

		Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
		MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1		124.770	34.29	-9.21	43.50	53.96	11.90	1.28	32.85	---	---	Peak
2		224.130	36.71	-9.29	46.00	57.20	10.57	1.75	32.81	100	204	QP
3		281.100	39.23	-6.77	46.00	57.68	12.41	1.98	32.84	---	---	Peak
4	!	503.700	40.21	-5.79	46.00	53.22	17.00	2.61	32.62	---	---	Peak
5	!	559.700	43.08	-2.92	46.00	53.95	18.68	2.78	32.33	---	---	Peak
6		615.700	38.37	-7.63	46.00	47.85	19.94	2.91	32.33	---	---	Peak

Remark: Frequency from 9KHz to 30MHz, the emission emitted by the EUT is too low to be measured.



Site :03CH04-HY
Condition:FCC CLASS-B 3m HF-ANT VERTICAL
EUT :Notebook
POWER :120Vac/60Hz
MODEL :FR 6D2906
MODE :11a TX_CH62_5310MHz(40MHz Turbo mode)

		Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
		MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1		1662.000	62.80	-11.20	74.00	64.96	28.57	2.97	33.70	100	0	Peak
2		1662.000	35.27	-18.73	54.00	37.43	28.57	2.97	33.70	100	115	Average
3		1996.000	61.23	-12.77	74.00	60.29	31.30	3.34	33.70	100	0	Peak
4		1996.000	37.14	-16.86	54.00	36.20	31.30	3.34	33.70	100	336	Average
5		2324.000	53.97	-20.03	74.00	53.36	30.71	3.66	33.77	100	0	Peak
6		2324.000	30.86	-23.14	54.00	30.25	30.71	3.66	33.77	100	110	Average
7		5150.000	57.47	-16.53	74.00	51.75	33.96	6.00	34.24	100	0	Peak
8		5150.000	44.79	-9.21	54.00	39.07	33.96	6.00	34.24	102	2	Average
9	X	5310.000	67.82			61.96	34.03	6.00	34.17	102	2	Average
10	@	5310.000	102.12			96.26	34.03	6.00	34.17	100	0	Peak
11		5350.000	62.63	-11.37	74.00	56.74	34.04	6.00	34.15	100	0	Peak
12	!	5350.000	48.55	-5.45	54.00	42.66	34.04	6.00	34.15	102	2	Average
13		7012.000	53.57	-20.43	74.00	42.03	37.75	6.36	32.57	100	0	Peak
14		7012.000	36.94	-17.06	54.00	25.40	37.75	6.36	32.57	100	93	Average
15		10617.000	54.01	-19.99	74.00	89.10	-8.45	7.80	34.44	100	0	Peak
16		10617.000	31.10	-22.90	54.00	66.19	-8.45	7.80	34.44	100	144	Average

Remark: #9 and #10 Fundamental Signal

Remark: Frequency from 25GHz to 40GHz, the emission emitted by the EUT is too low to be measured.

5.6.4 E.I.R.P. Power

Frequency (MHz)	Field Strength (dBuV/m)	EIRP (dBm)	Over Limit (dB)	Limit (EIPR dBm)
5150.00 MHz	69.07 dBuV/m	-30.93	-3.93	-27.00
5350.00 MHz	67.82 dBuV/m	-32.18	-5.18	-27.00
5150.00 MHz	64.50 dBuV/m	-35.50	-8.50	-27.00
5350.00 MHz	62.08 dBuV/m	-37.92	-10.92	-27.00
5150.00 MHz	70.03 dBuV/m	-29.97	-2.97	-27.00
5350.00 MHz	62.63 dBuV/m	-37.37	-10.37	-27.00

Remark: EIRP=10*Log({10^[(Field Strength-120)/20]*distance}^2/{30*[10^(Antenna Gain/10)]}/0.001)

5.7 Band Edges Measurement

5.7.1 Measuring Instruments：

As described in chapter 6 of this test report.

5.7.2 Test Procedure：

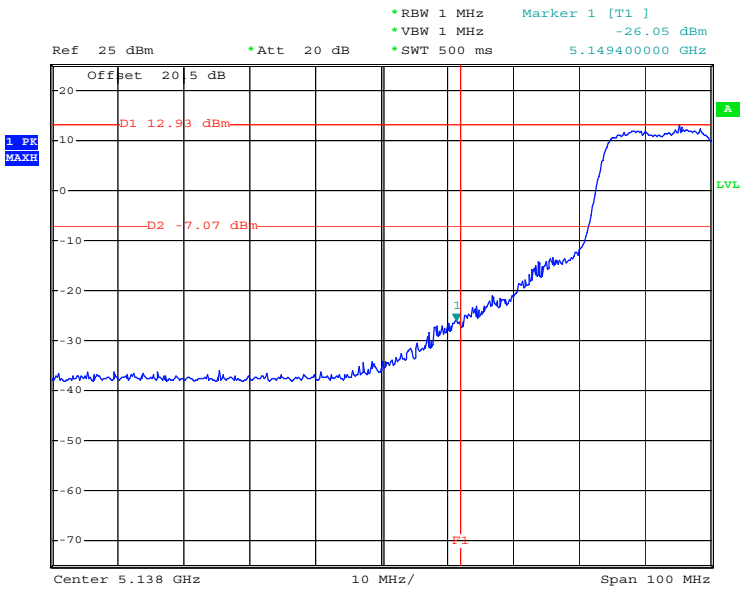
1. Set both RBW and VBW of spectrum analyzer to 1MHz with convenient frequency span including 1MHz bandwidth from band edge.
2. The band edges was measured and recorded.

5.7.3 Test Result：

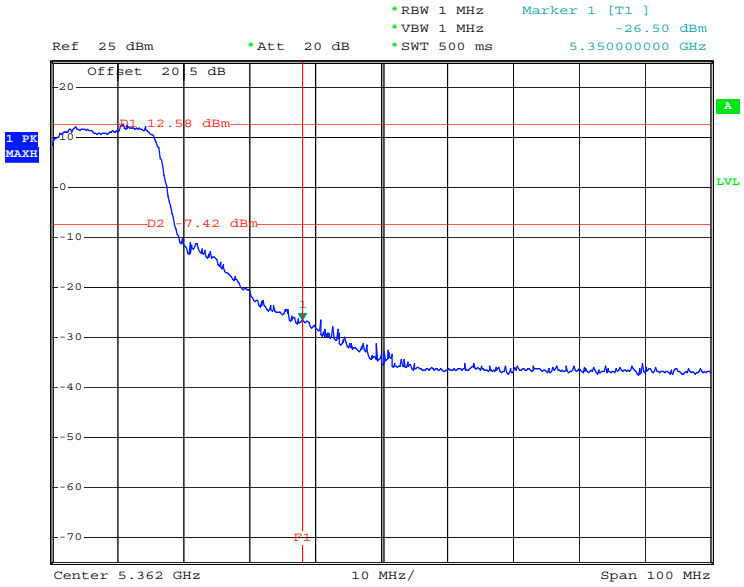
- Temperature : 27°C
- Relative Humidity :58%

Test Result Mode		Verdict
Test Result for 802.11a band I,II	:	PASS

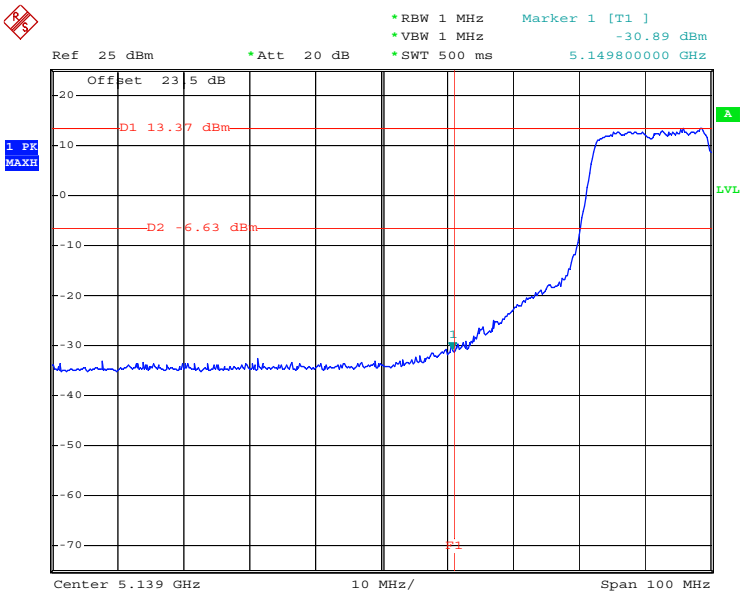
5.7.4 Test Data



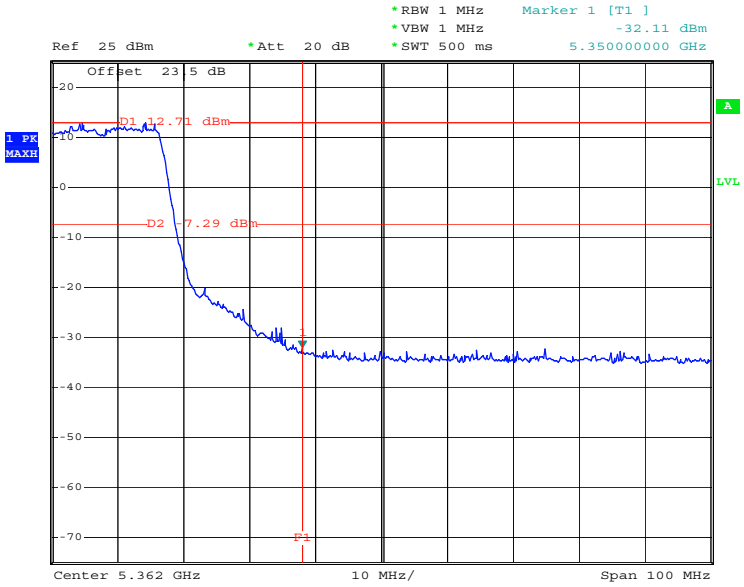
802.11a CH36



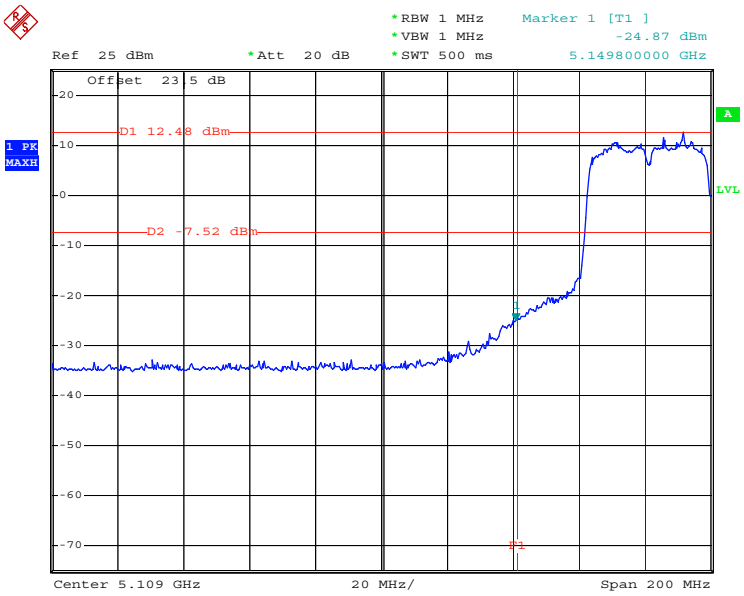
802.11a CH64



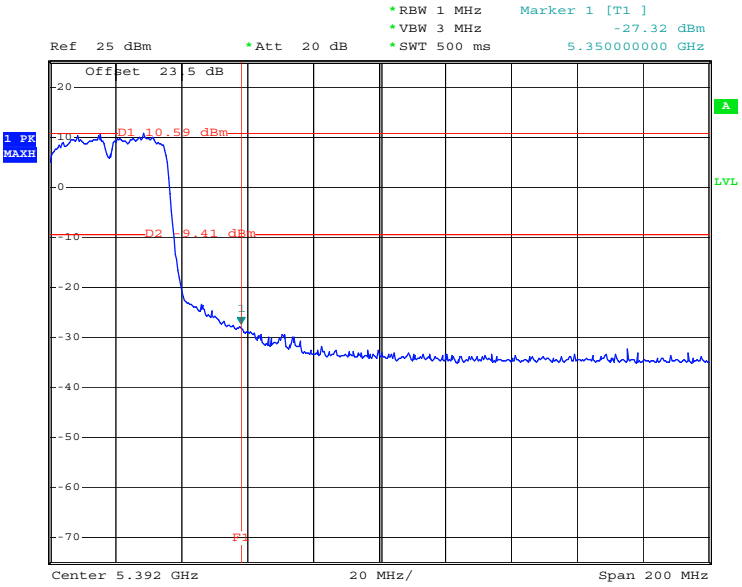
802.11n 20M CH36



802.11n 20M CH64



802.11n 40M CH38



802.11n 40M CH62

5.8 Peak Excursion Ratio Measurement

5.8.1 Measuring Instruments：

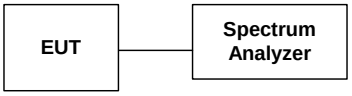
As described in chapter 6 of this test report.

5.8.2 Test Procedure：

The transmitter output is connected to the spectrum analyzer. The resolution bandwidth is set to and maintained at 1 MHz. The video bandwidth is set to 3 MHz. Trace A is set peak detector and to Max Hold, then to View. Then the detector is readjusted to sample detector, max hold to run for 60 seconds, and the signal under this measurement condition is captured in Trace B in Accordance with the method 3 of DA-02-2138.

The difference between the traces is investigated. The marker is placed at the frequency which shows the largest difference. The amplitude delta between the traces at this frequency is the peak excursion.

5.8.3 Test Setup Layout：



5.8.4 Test Result：

- Temperature : 27℃
- Relative Humidity :58%

➢ 802.11a Normal mode

Channel	Frequency (MHz)	Peak Excursion (dB)	Limits (dB)	Mode Ref. No.
36	5180	7.30	13	1
48	5240	6.09	13	2
52	5260	6.95	13	3
64	5320	7.43	13	4

➢ 802.11n(a) 20M mode

Channel	Frequency (MHz)	Peak Excursion (dB)	Limits (dB)	Mode Ref. No.
36	5180	8.13	13	5
48	5240	6.80	13	6
52	5260	8.53	13	7
64	5320	7.97	13	8

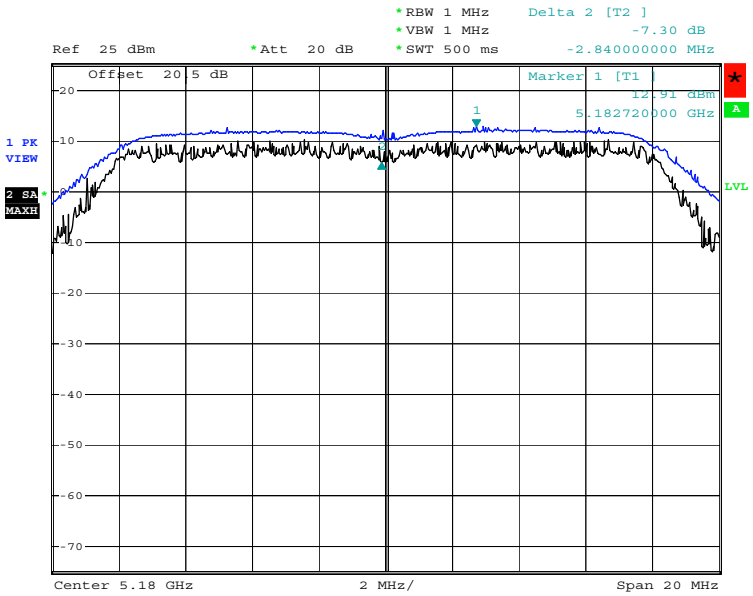
➢ 802.11n(a) 40M mode

Channel	Frequency (MHz)	Peak Excursion (dBm)	Limits (dBm)	Mode Ref. No.
38	5190	9.69	13	9
54	5270	12.38	13	10
62	5310	11.89	13	11

5.8.5 Test Data

Mode Ref. No.

1



Date: 5.JUN.2007 18:22:06

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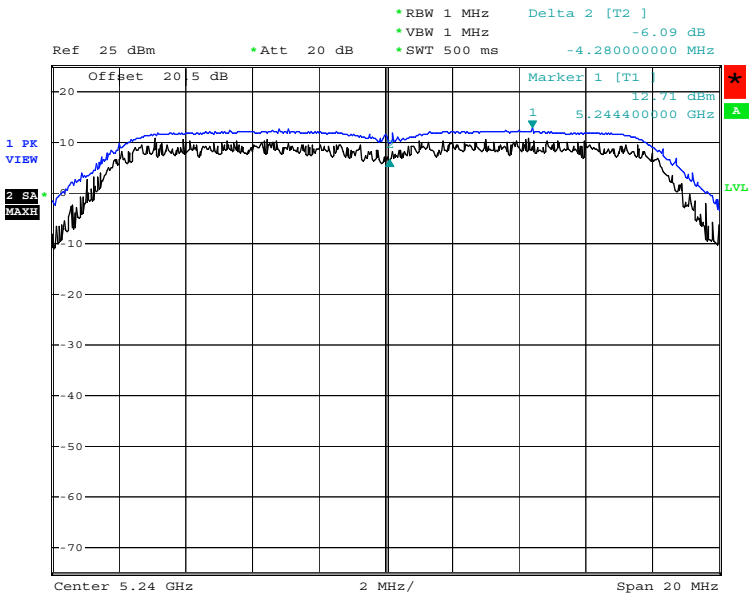

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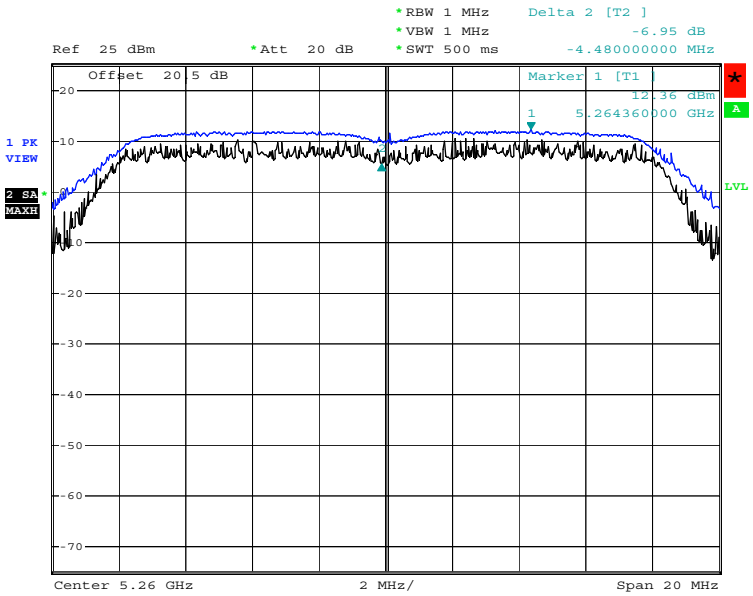

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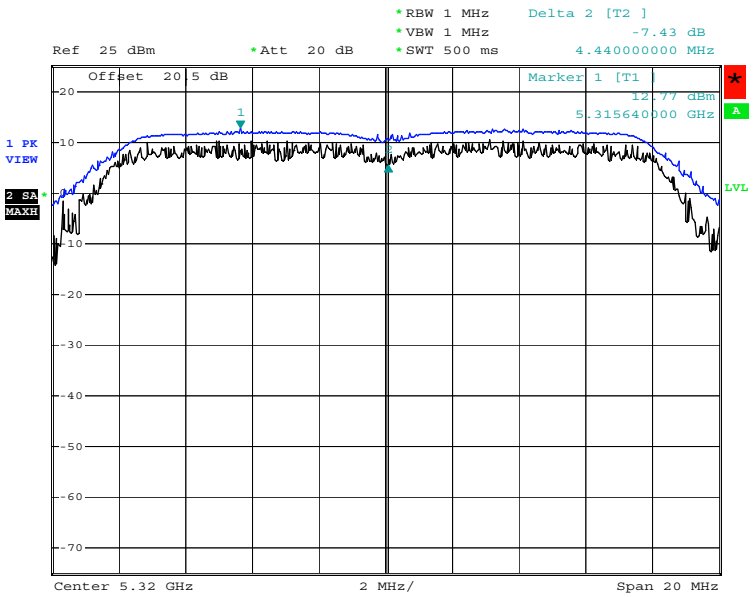
4



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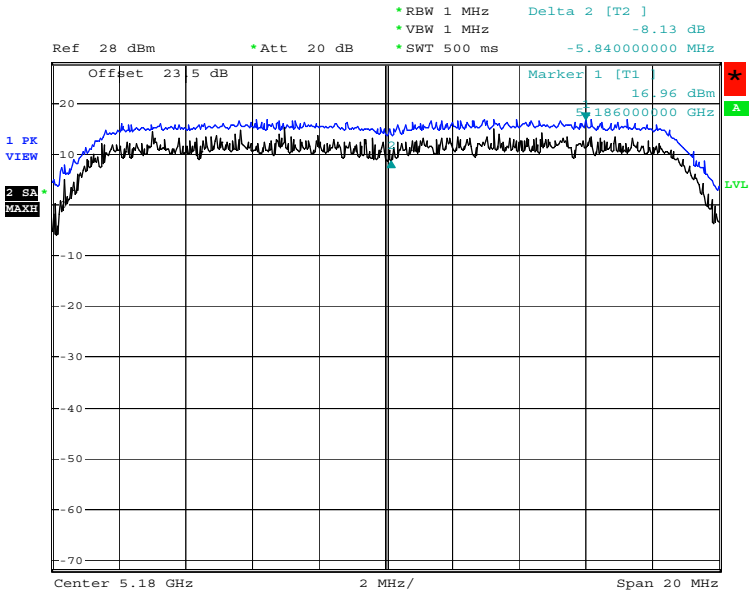
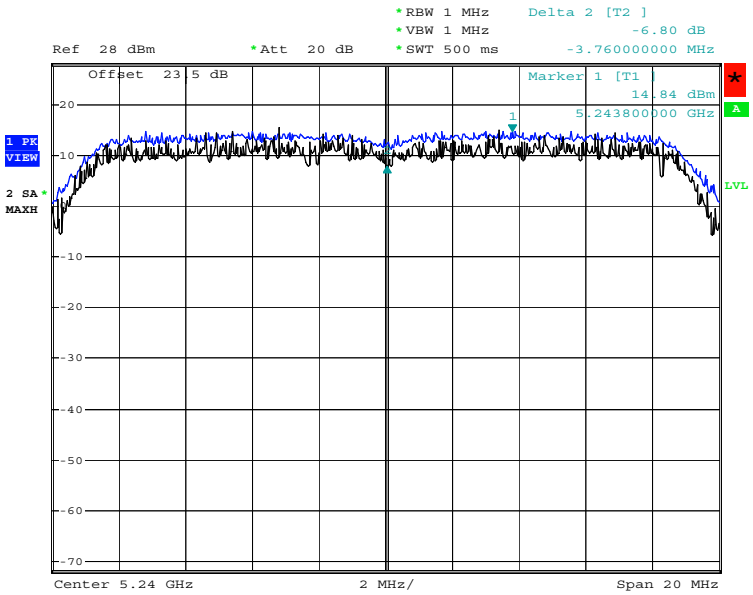
5



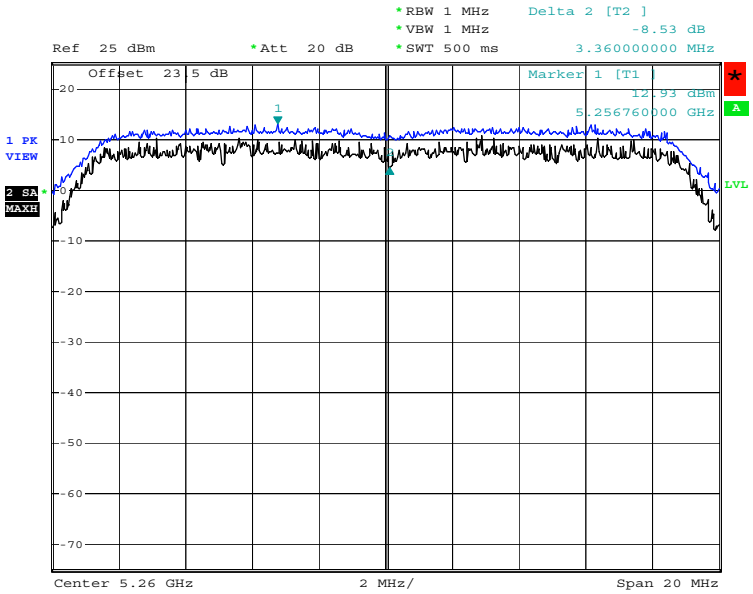
Date: 11.JUN.2007 18:09:25

6



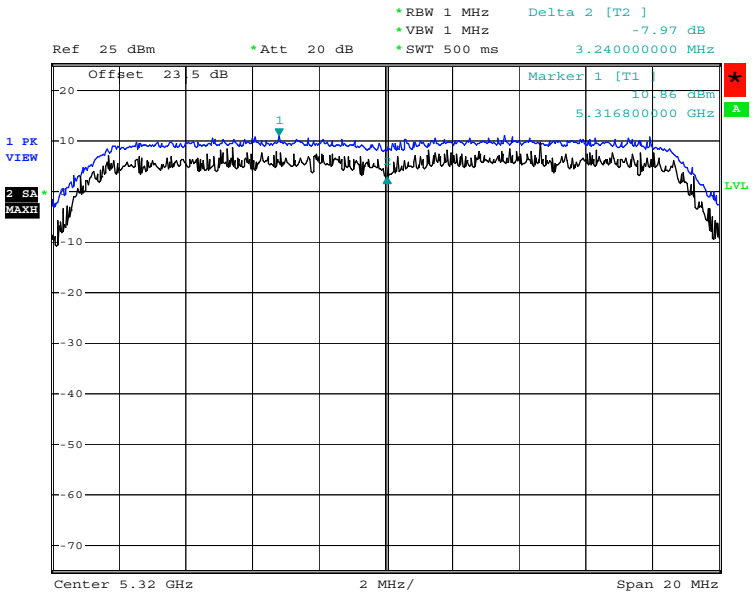
Date: 11.JUN.2007 18:10:11

7



Date: 5.JUN.2007 20:59:18

8



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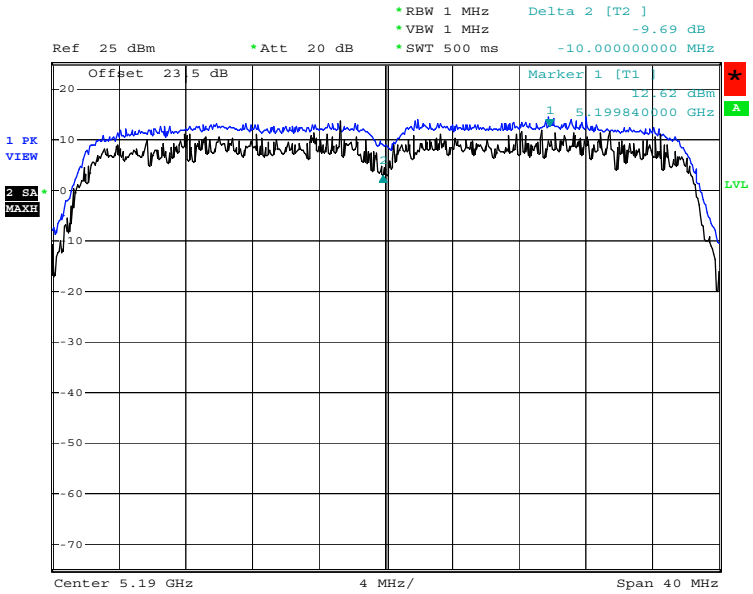
9



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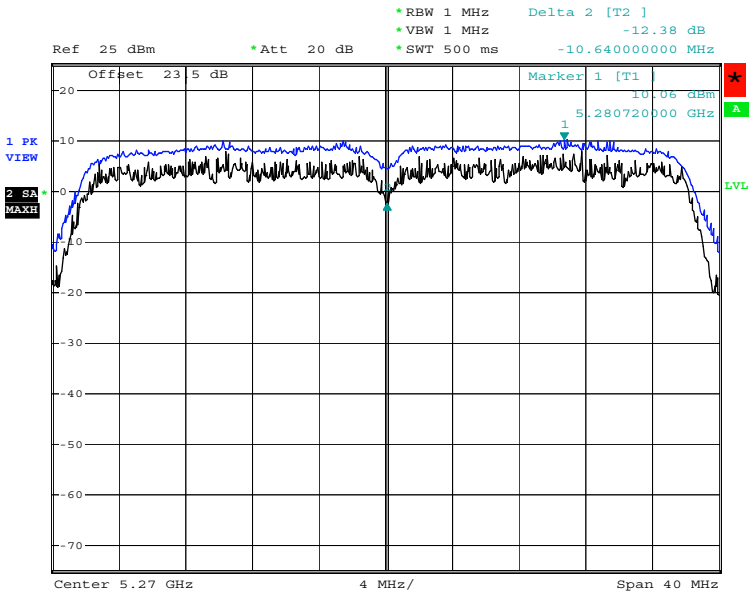
10



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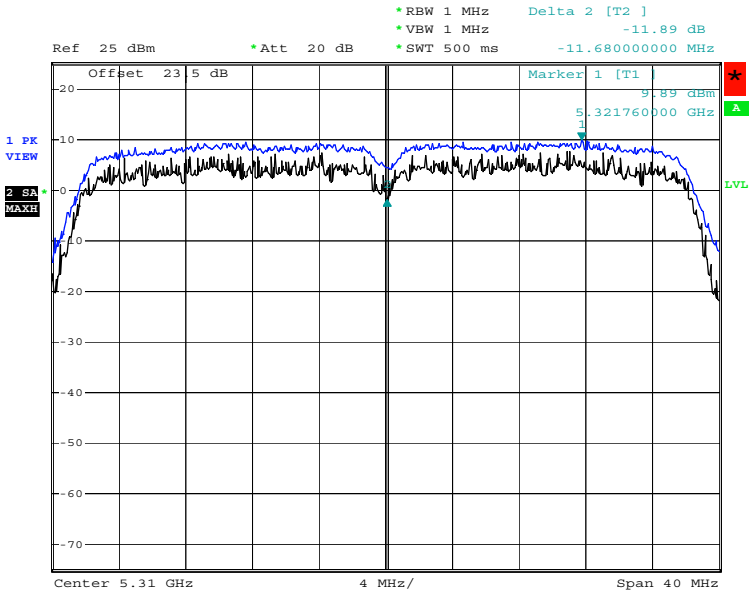
11



Date: 5.JUN.2007 21:30:14

5.9 Frequency Stability

To ensure emission at the band edge is maintained within the authorized band, those values shall be measured by radiation emissions at upper and lower frequency points, and finally compensated by frequency deviation as procedures below.

The EUT was operated at the maximum output power, and connected to the spectrum analyzer which is set to maximum hold function and peak detector. The peak value of the power envelope was measured and noted. The upper and lower frequency points were respectively measured relatively 10dB lower than the measured peak value. The frequency deviation was calculated by adding the upper frequency point and the lower frequency point divided by two. Those detailed values of frequency deviation are provided in table below.

Normal mode

Frequency(MHz)	Low Frequency (Fl)	High Frequency (Fh)	Center Frequency (Fc)	Frequency Staility (ppm)
5180	5171.72	5188.28	5180	0.00
5240	5231.72	5248.32	5240.02	0.02
5260	5250.56	5269.52	5260.04	0.04
5320	5310.72	5329.44	5320.08	0.08

11n(a) 20M mode

Frequency(MHz)	Low Frequency (Fl)	High Frequency (Fh)	Center Frequency (Fc)	Frequency Staility (ppm)
5180	5171.08	5188.92	5180	0.00
5240	5231.08	5248.92	5240	0.00
5260	5250.56	5269.5	5260.03	0.03
5320	5310.7	5329.4	5320.05	0.05

11n(a) 40M mode

Frequency(MHz)	Low Frequency (Fl)	High Frequency (Fh)	Center Frequency (Fc)	Frequency Staility (ppm)
5190	5171.76	5208.24	5190	0.00
5270	5251.64	5288.48	5270.06	0.06
5310	5291.64	5328.48	5310.06	0.06

5.10 Automatically discontinue transmission

During no any information transmission, the EUT can automatically discontinue transmission and become standby mode for power saving .The EUT can detect the controlling signal of ACK message transmitting from remote device and verify whether it shall resend or discontinue transmission .

5.11 Antenna Requirements

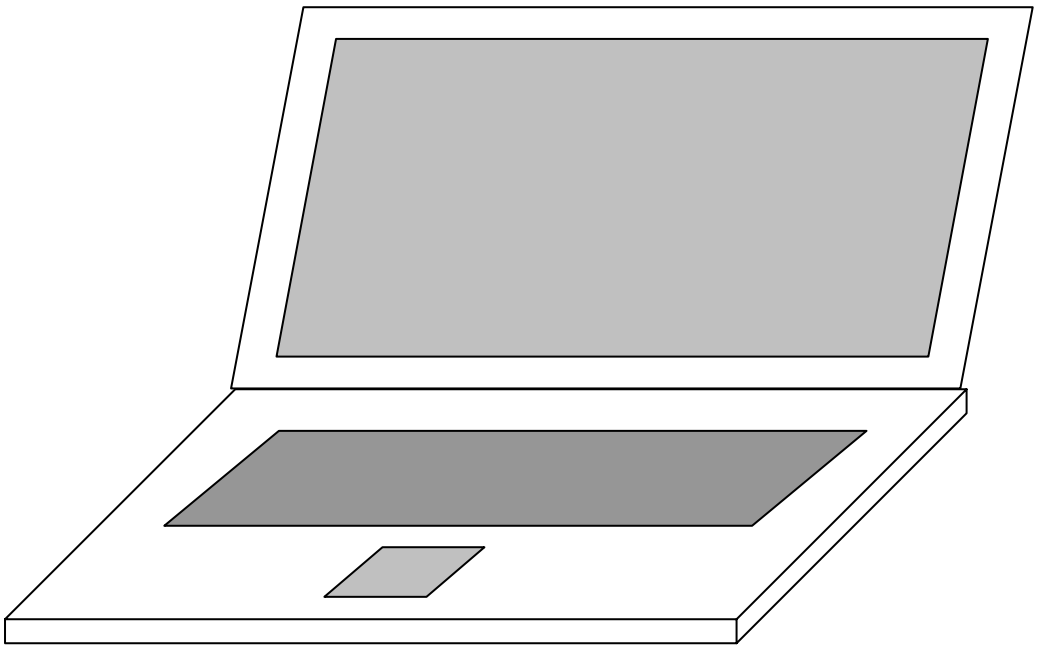
The EUT meets antenna requirement of FCC for the following reasons.

5.11.1 Standard Applicable

According to FCC 47 CFR Section 15.407(a)(1)(2) ,if transmitting antennas of directional gain greater than 6 dBi are used, both the peak transmit power and the peak power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

5.11.2 Antenna Connected Construction

The antenna used in this product is PIFA for both WLAN and BT. The connector is I-PEX on antenna port and it is considered to meet antenna requirement of FCC.



5 List of Measuring Equipments Used

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Due Date	Remark
EMC Receiver	R&S	ESCS 30	100359	9kHz – 2.75GHz	Mar. 01, 2007	Mar. 01, 2008	Conduction (CO04-HY)
LISN	MessTec	NNB-2/16Z	99079	9kHz – 30MHz	Mar. 31, 2007	Mar. 31, 2008	Conduction (CO04-HY)
LISN (Support Unit)	EMCO	3810/2NM	9703-1839	9kHz – 30MHz	Mar. 22, 2007	Mar. 22, 2008	Conduction (CO04-HY)
RF Cable-CON	UTIFLEX	3102-26886-4	CB049	9kHz – 30MHz	Apr. 20, 2007	Apr. 20, 2008	Conduction (CO04-HY)
EMI Filter	LINDGREN	LRE-2030	2651	< 450 Hz	N/A	N/A	Conduction (CO04-HY)
Isolation Transformer	Erika Fiedler OHG	D-65396 Walluf	58	45MHz-2.15GHz	N/A	N/A	Conduction (CO04-HY)
Spectrum analyzer	Agilent	E4408B	MY44211030	9KHz-26.5GHz	Oct. 05, 2006	Oct. 04, 2007	Radiation (03CH06-HY)
EMI Test Receiver	R&S	ESCS30	100356	9KHz-2.75GHz	Jul. 13, 2006	Jul. 12, 2007	Radiation (03CH06-HY)
Bilog Antenna	SCHAFFNER	CBL6112B	2885	30MHz -2GHz	Nov. 20, 2006	Nov. 19, 2007	Radiation (03CH06-HY)
Double Ridge Horn Antenna	Com-Power	AH118	10094	1G~18G	Dec. 26, 2006	Dec. 25, 2007	Radiation (03CH06-HY)
SHF-EHF Horn	SCHWARZBECK	BBHA 9170	9170-249	14G - 40G	Nov. 20, 2006	Nov. 19, 2008	Radiation (03CH06-HY)
Pre Amplifier	Agilent	8449B	3008A01917	1G - 26.5G	Nov. 15, 2006	Nov. 14, 2007	Radiation (03CH06-HY)
Pre Amplifier	Mini Circuits	ZKL-2	D092004-1	10~2500MHz	Nov. 15, 2006	Nov. 14, 2007	Radiation (03CH06-HY)
Base Station Simulator	R & S	CMU200	106656	WCDMA	Nov. 20, 2006	Nov. 19, 2007	Radiation (03CH06-HY)
Amplifier	MITEQ	AMF-6F-260400	923364	26.5GHz - 40GHz	Jan. 22, 2007	Jan. 22, 2008	Radiation (03CH06-HY)
Spectrum	R&S	FSP40	100055	9KHz – 40GHz	Jun. 23, 2006	Jun. 23, 2007	Radiation (03CH06-HY)

3m Semi Anechoic	TDK	SAC-3M	03CH04-HY	30 MHz - 1 GHz 3m	Oct. 30, 2006	Oct. 30, 2007	Radiation (03CH04-HY)
Amplifier	Schaffner	CPA9231A	3564	9 kHz - 2 GHz	Aug.31, 2006	Aug.31, 2007	Radiation (03CH04-HY)
Spectrum Analyzer	R&S	FSP7	100641	9 kHz – 7GHz	Sep. 08, 2006	Sep. 08, 2007	Radiation (03CH04-HY)
Bilog Antenna	SCHAFFNER	CBL6112B	2724	30 MHz - 1 GHz	Aug. 14, 2006	Aug. 14, 2007	Radiation (03CH04-HY)
Turn Table	HD	Deis HD 2000	420/610	0 - 360 degree	N/A	N/A	Radiation (03CH04-HY)
Antenna Mast	Chaintek	3000		1 m - 4 m	N/A	N/A	Radiation (03CH04-HY)
RF Cable-R03m	Suhner Switzerland +	RG223/U +RG8/U	CB024	30 MHz - 1 GHz	Sep. 21, 2006	Sep. 21, 2007	Radiation (03CH04-HY)

6 Uncertainty of Test Site

Uncertainty of Conducted Emission Measurement (150kHz ~ 30MHz)

Contribution	Uncertainty of x_i		$u(x_i)$
	dB	Probability Distribution	
Receiver reading	0.10	Normal(k=2)	0.05
Cable loss	0.10	Normal(k=2)	0.05
AMN insertion loss	2.50	Rectangular	0.63
Receiver Spec	1.50	Rectangular	0.43
Site imperfection	1.39	Rectangular	0.80
Mismatch	+0.34/-0.35	U-shape	0.24
combined standard uncertainty Uc(y)	**1.13**		
Measuring uncertainty for a level of confidence of 95% U=2Uc(y)	**2.26**		

Uncertainty of Radiated Emission Measurement (30MHz ~ 1000MHz)

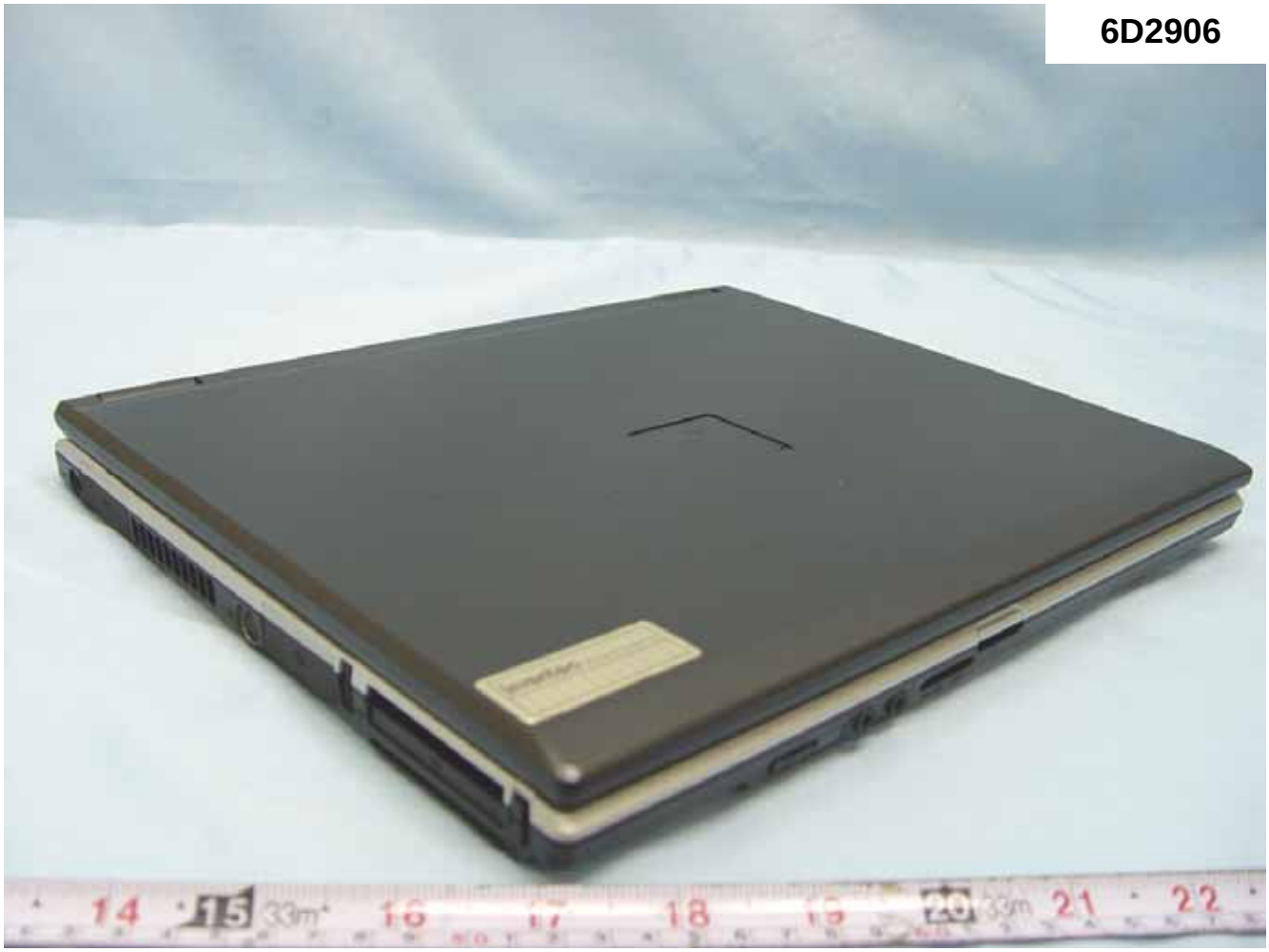
Contribution	Uncertainty of x_i		$u(x_i)$
	dB	Probability Distribution	
Receiver reading	0.41	Normal(k=2)	0.21
Antenna factor calibration	0.83	Normal(k=2)	0.42
Cable loss calibration	0.25	Normal(k=2)	0.13
Pre Amplifier Gain calibration	0.27	Normal(k=2)	0.14
RCV/SPA specification	2.50	Rectangular	0.72
Antenna Factor Interpolation for Frequency	1.00	Rectangular	0.29
Site imperfection	1.43	Rectangular	0.83
Mismatch	+0.39/-0.41	U-shaped	0.28
combined standard uncertainty Uc(y)	**1.27**		
Measuring uncertainty for a level of confidence of 95% U=2Uc(y)	**2.54**		

Uncertainty of Radiated Emission Measurement (1GHz ~ 40GHz)

Contribution	Uncertainty of x_i		$u(x_i)$	Ci	$Ci*u(x_i)$
	dB	Probability Distribution			
Receiver reading	±0.10	Normal(k=1)	0.10	1	0.10
Antenna factor calibration	±1.70	Normal(k=2)	0.85	1	0.85
Cable loss calibration	±0.50	Normal(k=2)	0.25	1	0.25
Receiver Correction	±2.00	Rectangular	1.15	1	1.15
Antenna Factor Directional	±1.50	Rectangular	0.87	1	0.87
Site imperfection	±2.80	Triangular	1.14	1	1.14
Mismatch Receiver VSWR Γ1= 0.197 Antenna VSWR Γ2= 0.194 Uncertainty=20log(1-Γ1*Γ2*Γ3)	+0.34/-0.35	U-shaped	0.244	1	0.244
Combined standard uncertainty Uc(y)	**2.36**				
Measuring uncertainty for a level of confidence of 95% U=2Ue(y)	**4.72**				

APPENDIX A. External Photographs of EUT

6D2906



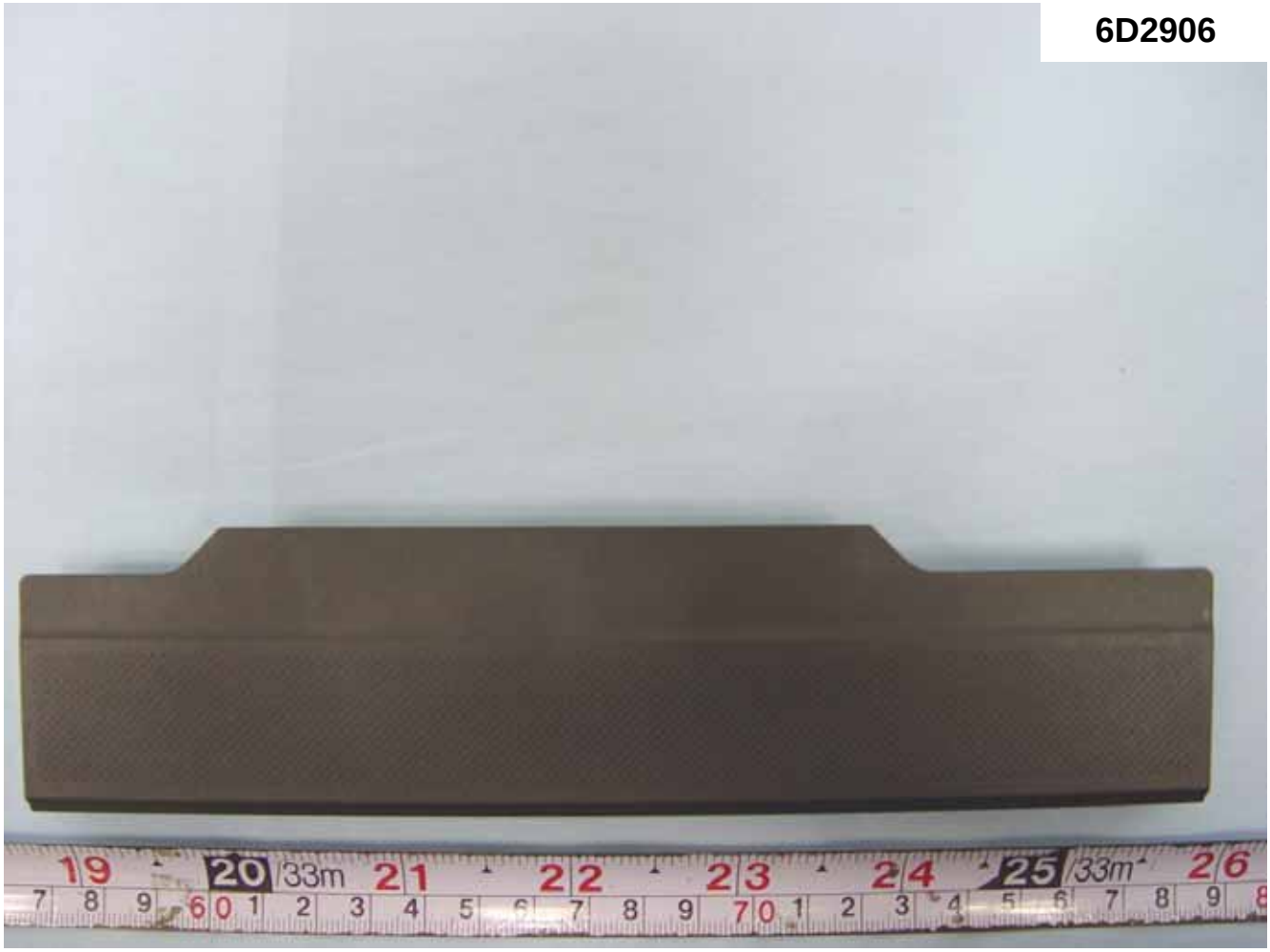
SPORTON International Inc.
TEL : 886-2-2696-2468
FAX : 886-2-2696-2255

6D2906

SPORTON International Inc.
TEL : 886-2-2696-2468
FAX : 886-2-2696-2255

SPORTON International Inc.
TEL : 886-2-2696-2468
FAX : 886-2-2696-2255

6D2906



6D2906

6D2906


LITHIUM ION BATTERY PACK
Product No. : FPCBP145
10.8V 5200mAh
FUJITSU LIMITED MADE IN JAPAN
DANGER
· Do not incinerate. Do not disassemble. · Do not expose to high temperatures(140F/60C).
· Do not impact, pierce or crush the battery. · Use specified charger only. · Dispose of properly.
May cause overheating, fire or bursting.

6D2906


6D2906
AC ADAPTER
CAUTION


6D2906
AC ADAPTER 电源适配器 交換式電源供應器 FUJITSU LIMITED
CAUTION!
FOR INDOOR USE ONLY.
RISK OF ELECTRIC SHOCK.
DRY LOCATION USE ONLY.
SHOCK HAZARD-DO NOT OPEN.
注意:屋内専用
ZUR BEACHTUNG!
Nur zur Verwendung
in geschlossenen Räumen.
FOR USE WITH INFORMATION TECHNOLOGY EQUIPMENT.
型号 型號 : SEC100P2-19.0 MADE IN INDONESIA E
制造地 : 印度尼西亚
製造地 : 印度尼西亞
SANKEN ELECTRIC CO.,LTD.
INPUT(輸入)(輸入) 100-240V~ 1.2-0.6A 50-60Hz
OUTPUT(輸出)(輸出) 19V ⎓ 4.22A
EFFICIENCY LEVEL: V
2007.01
I.T.E.
POWER SUPPLY
7L87
E142327
LISTED
V05762
R33261
SAFETY
MARK
0 6 0 1 7 1 - 1 1
EMI/EMS
KETI
세조지 : PT. Sanken Indonesia
수입및 A/S : Fujitsu Korea .Ltd ☎1588-0179
FMV-AC322
FPCAC51
P/N: CP293662-01
07103885B

APPENDIX B. Internal Photographs of EUT

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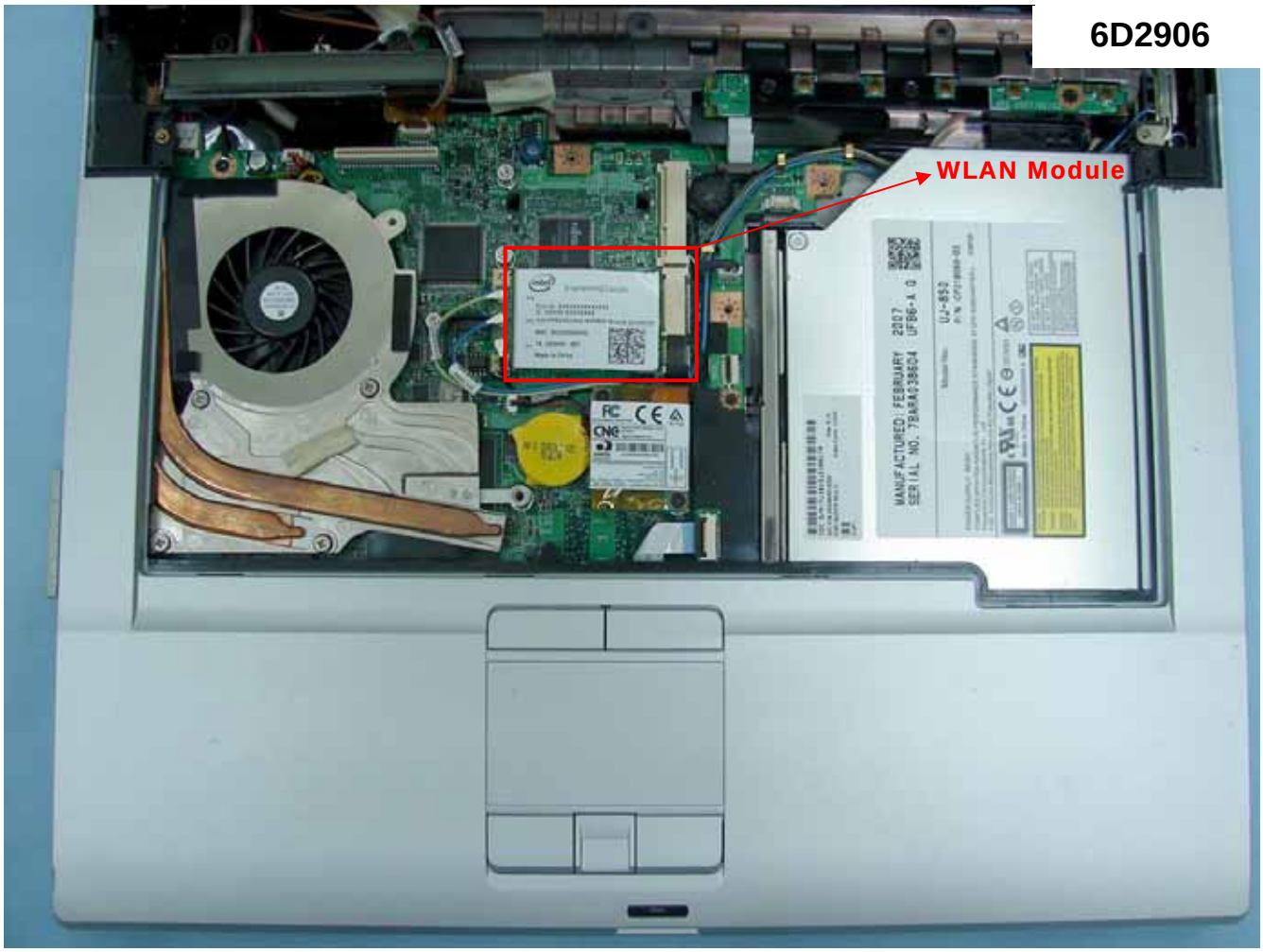
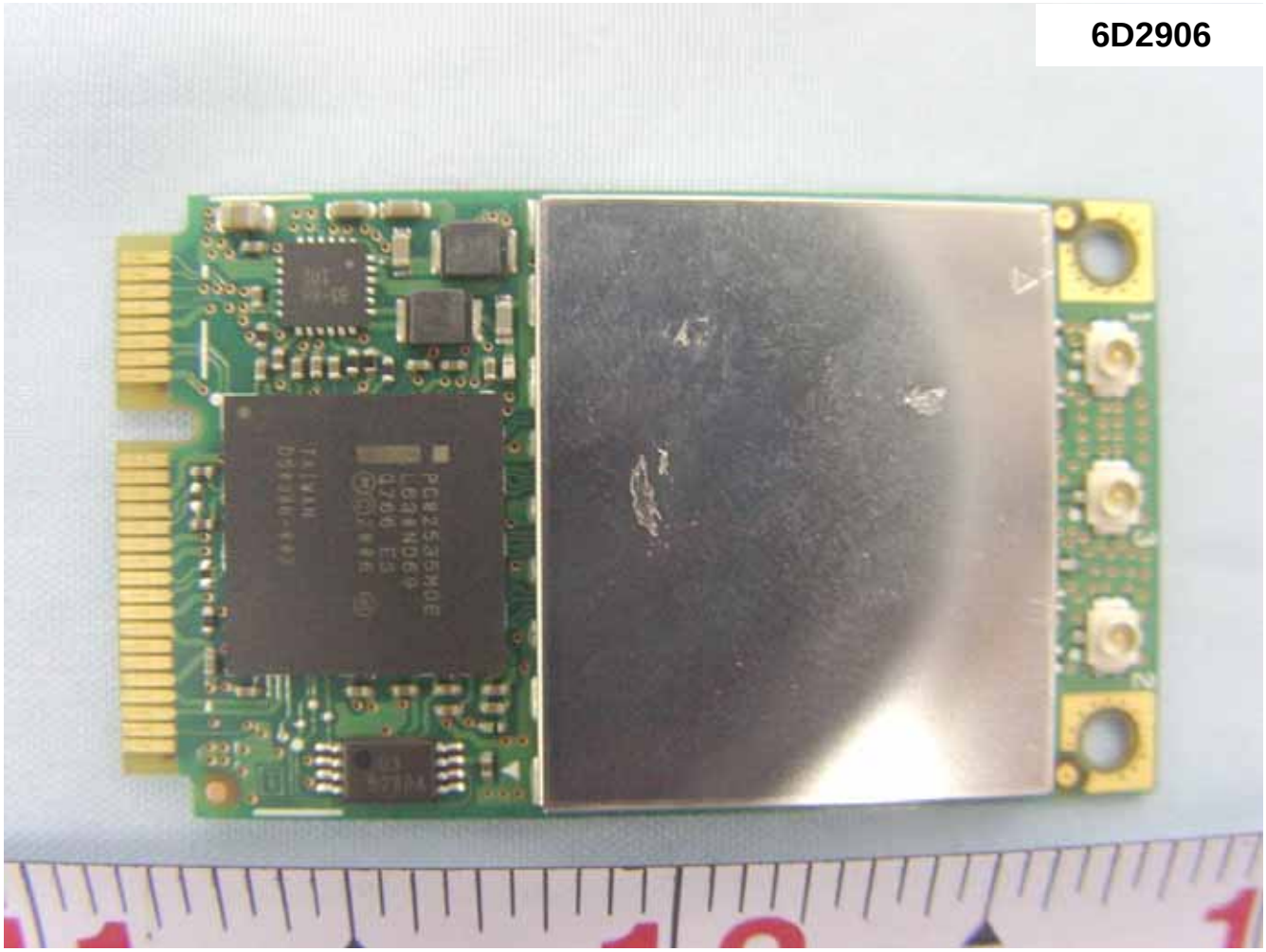
6D2906



SPORTON International Inc.
TEL : 886-2-2696-2468
FAX : 886-2-2696-2255

6D2906


intel
ENGINEERING SAMPLE
Model: 4965AGN MM1
Intel® Wireless WiFi Link 4965AGN
FCC ID: XXXXXXXXXXXX
IC: XXXXX-XXXXXXX
MAC: 0013E8055483
TA: D73379 – 004
Made in China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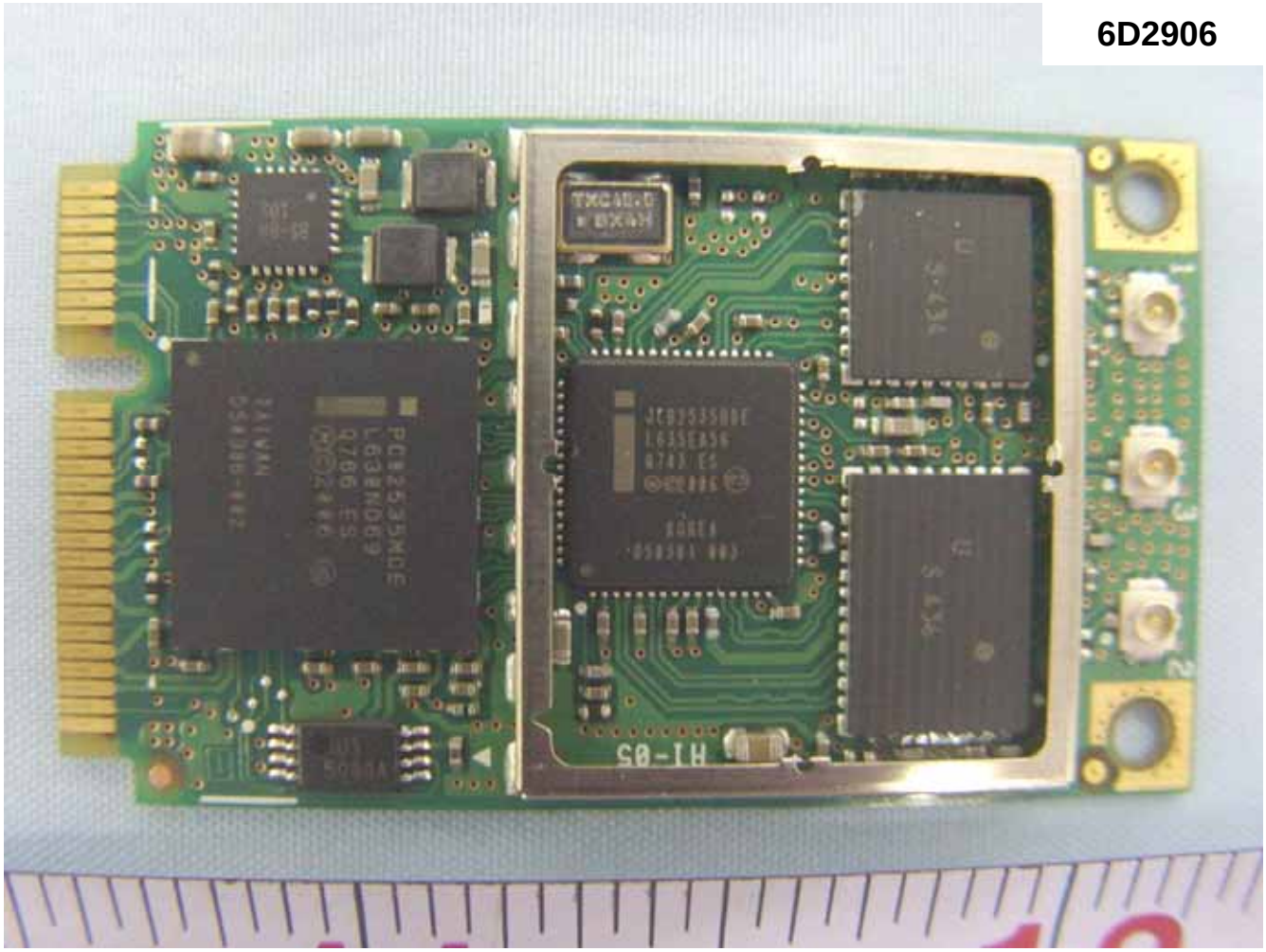

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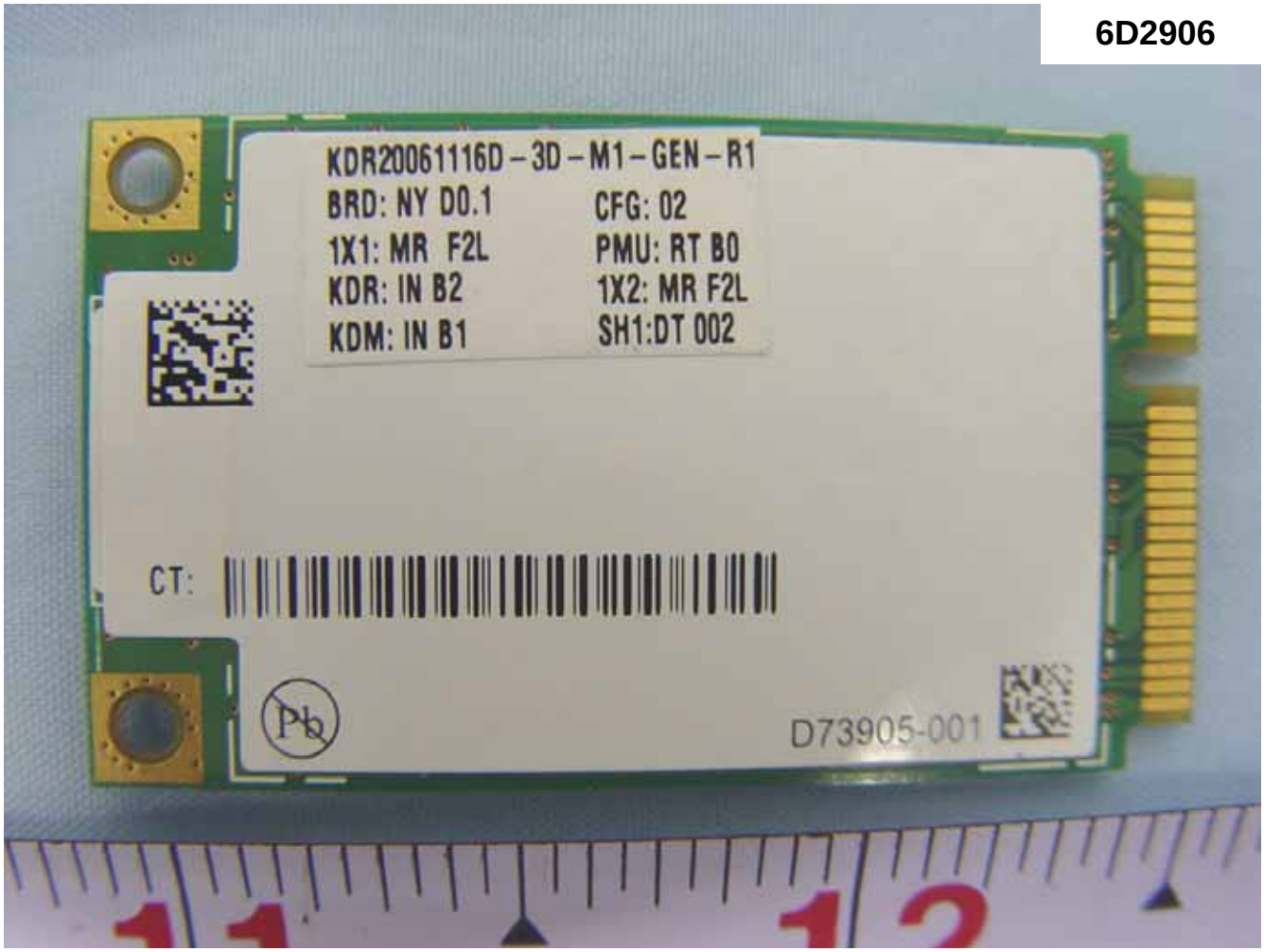
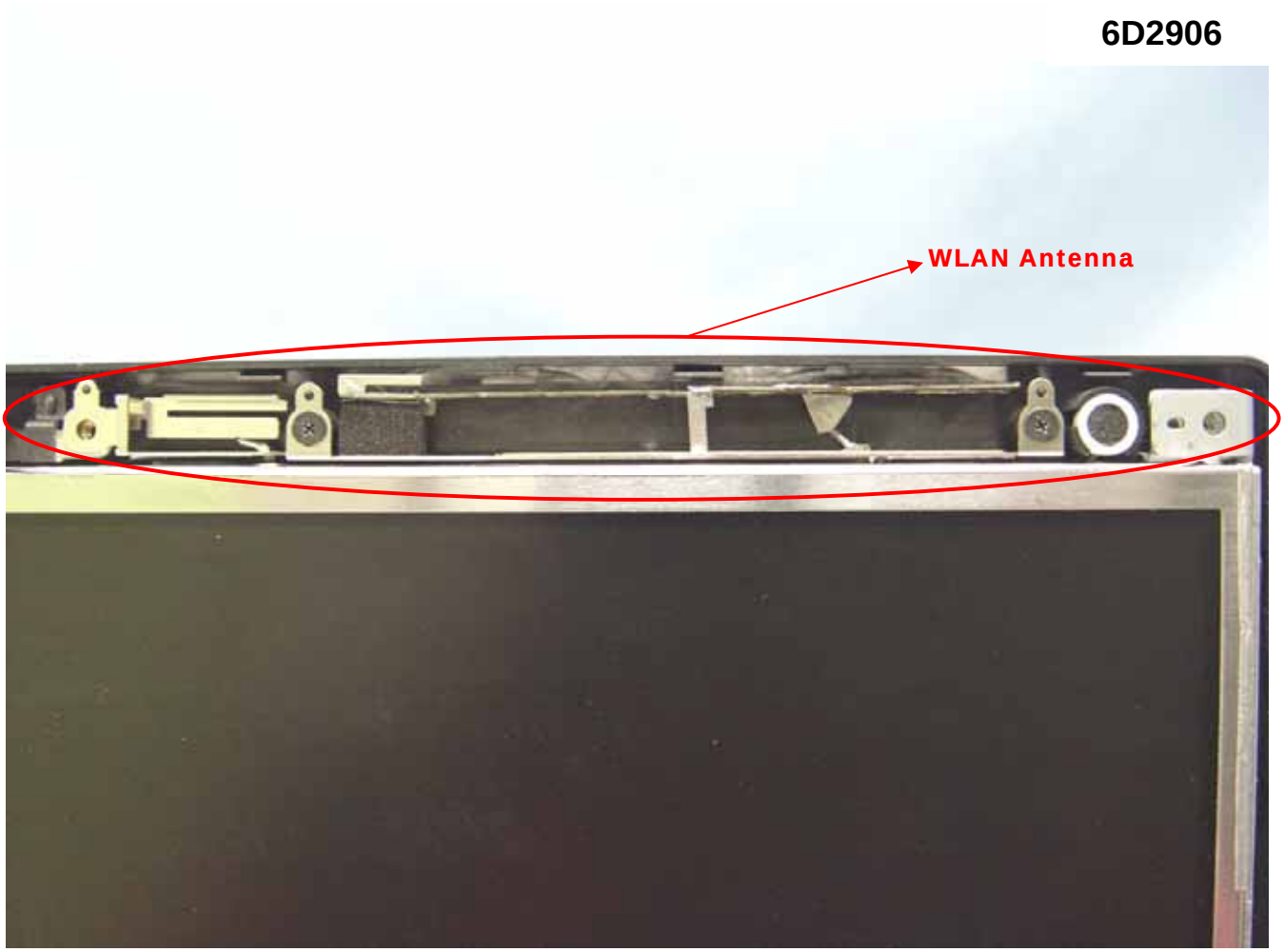

KDR20061116D-3D-M1-GEN-R1
BRD: NY D0.1
CFG: 02
1X1: MR F2L
PMU: RT B0
KDR: IN B2
1X2: MR F2L
KDM: IN B1
SH1:DT 002
CT:
Pb
D73905-001


6D2906

6D2906

6D2906



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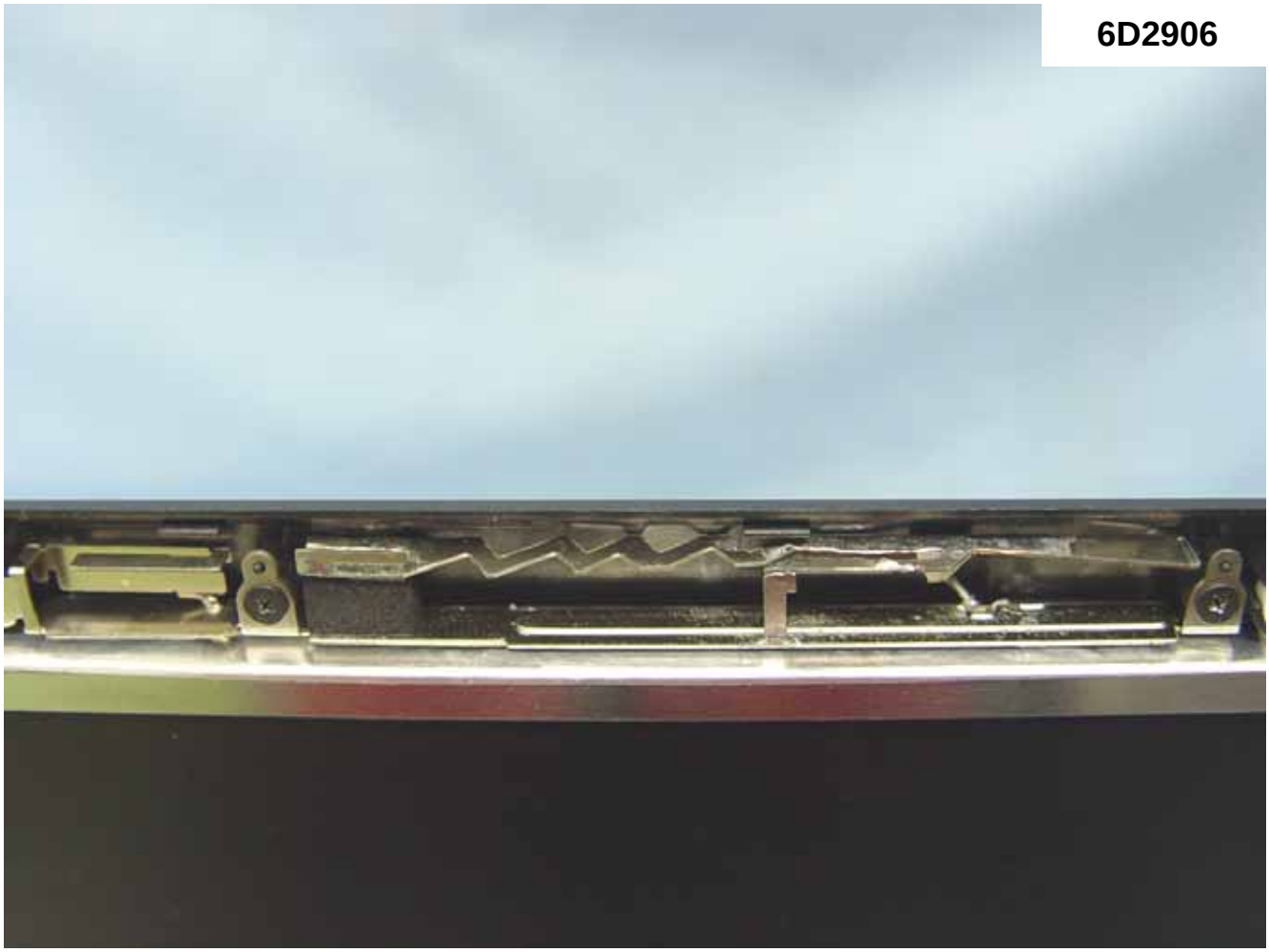

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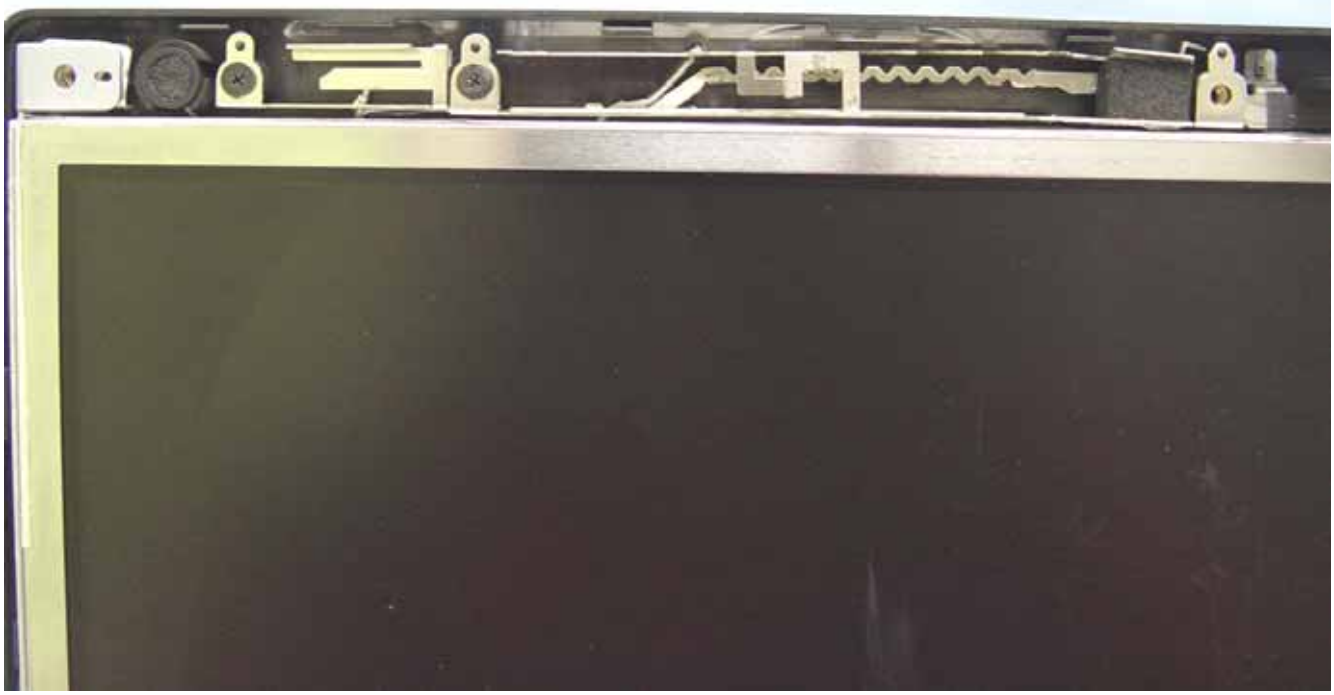

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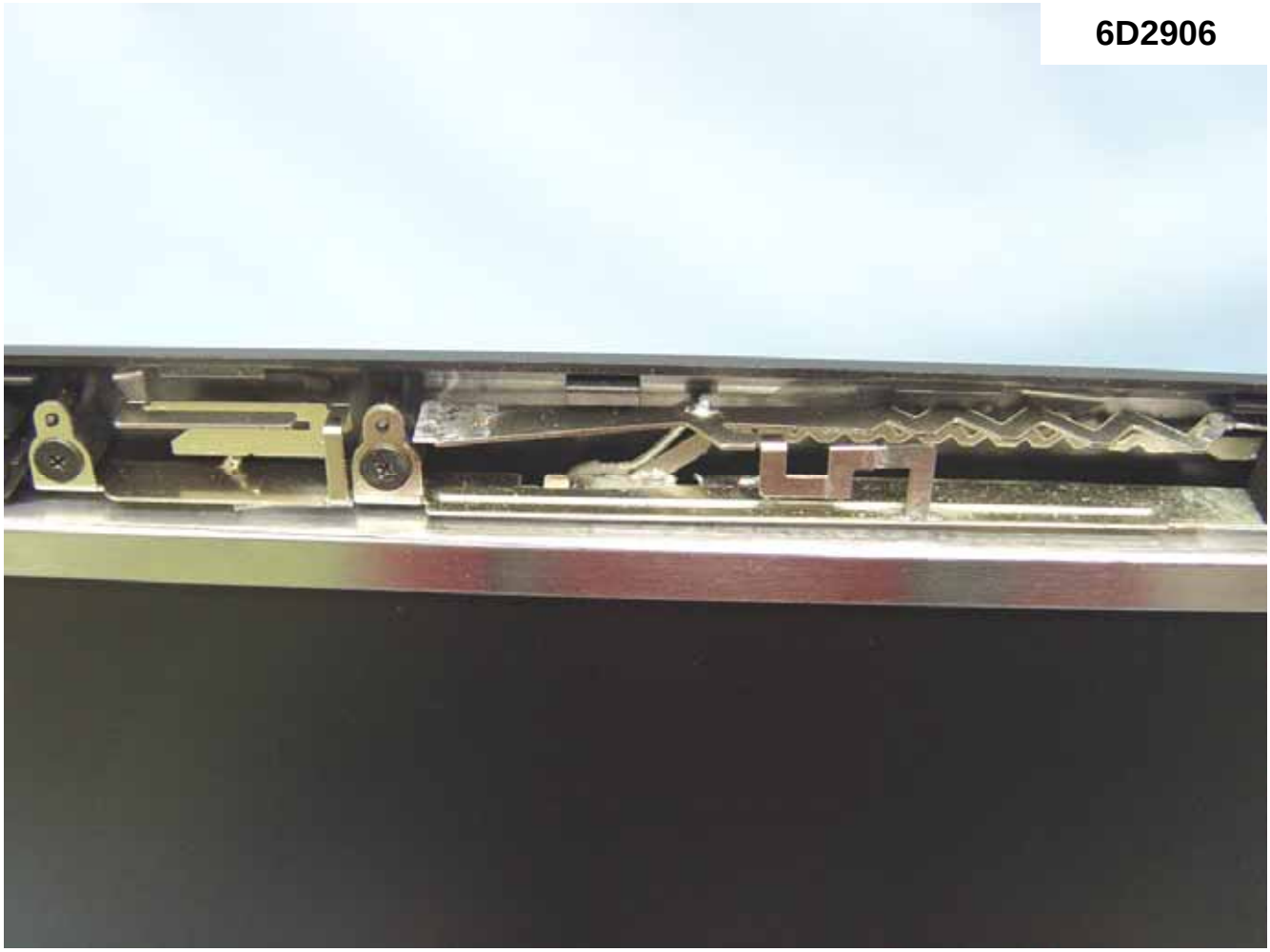

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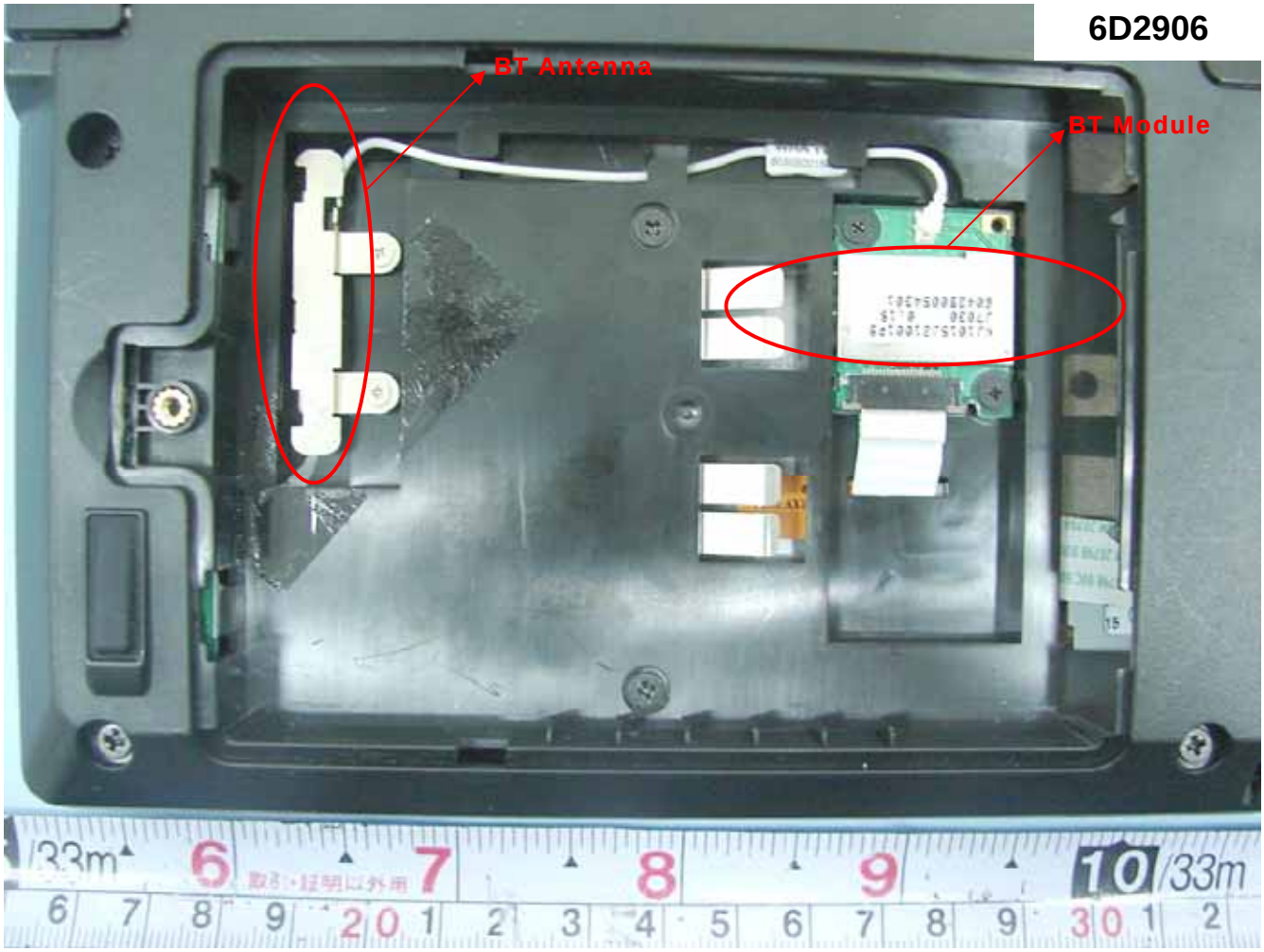

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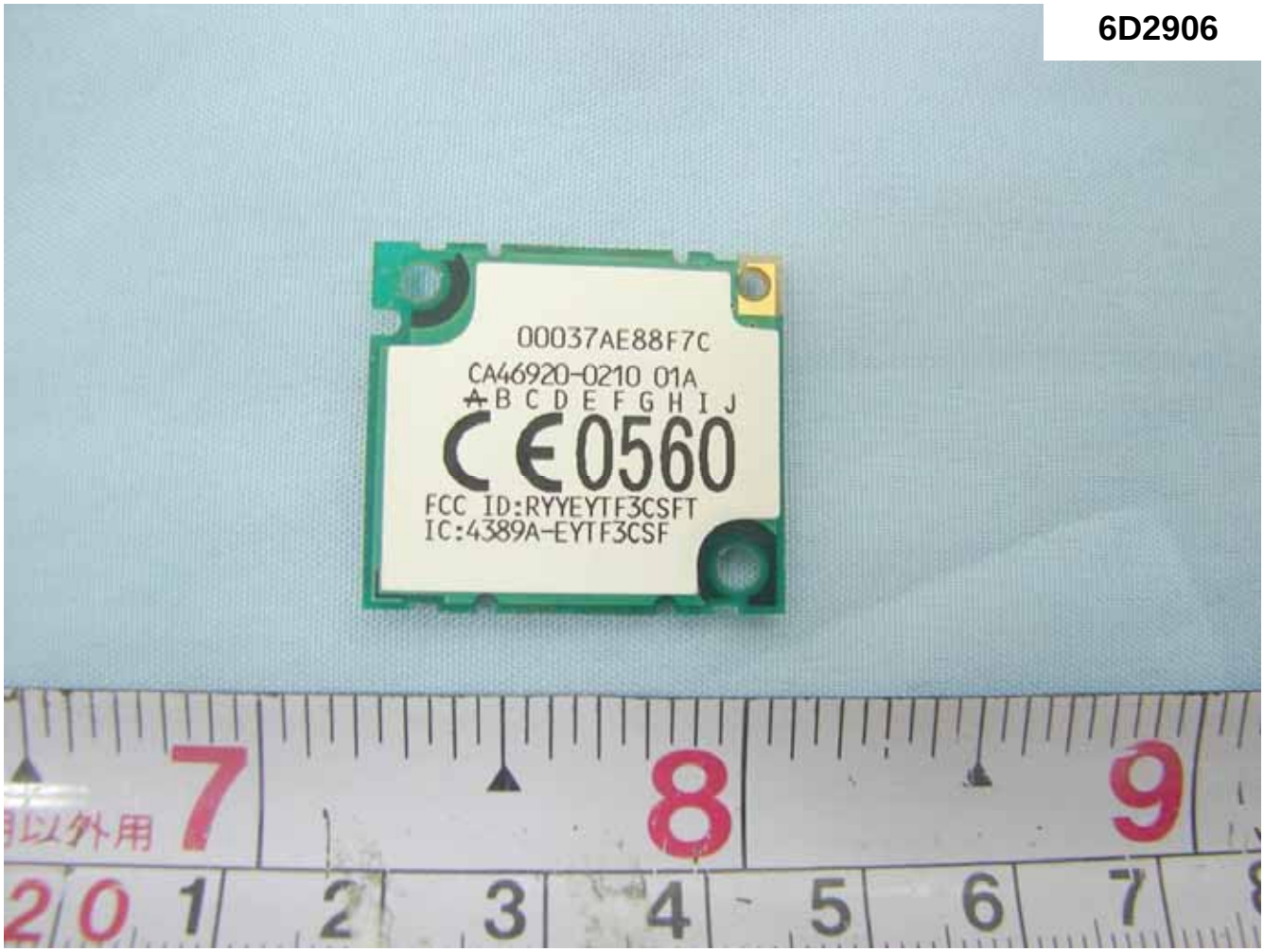
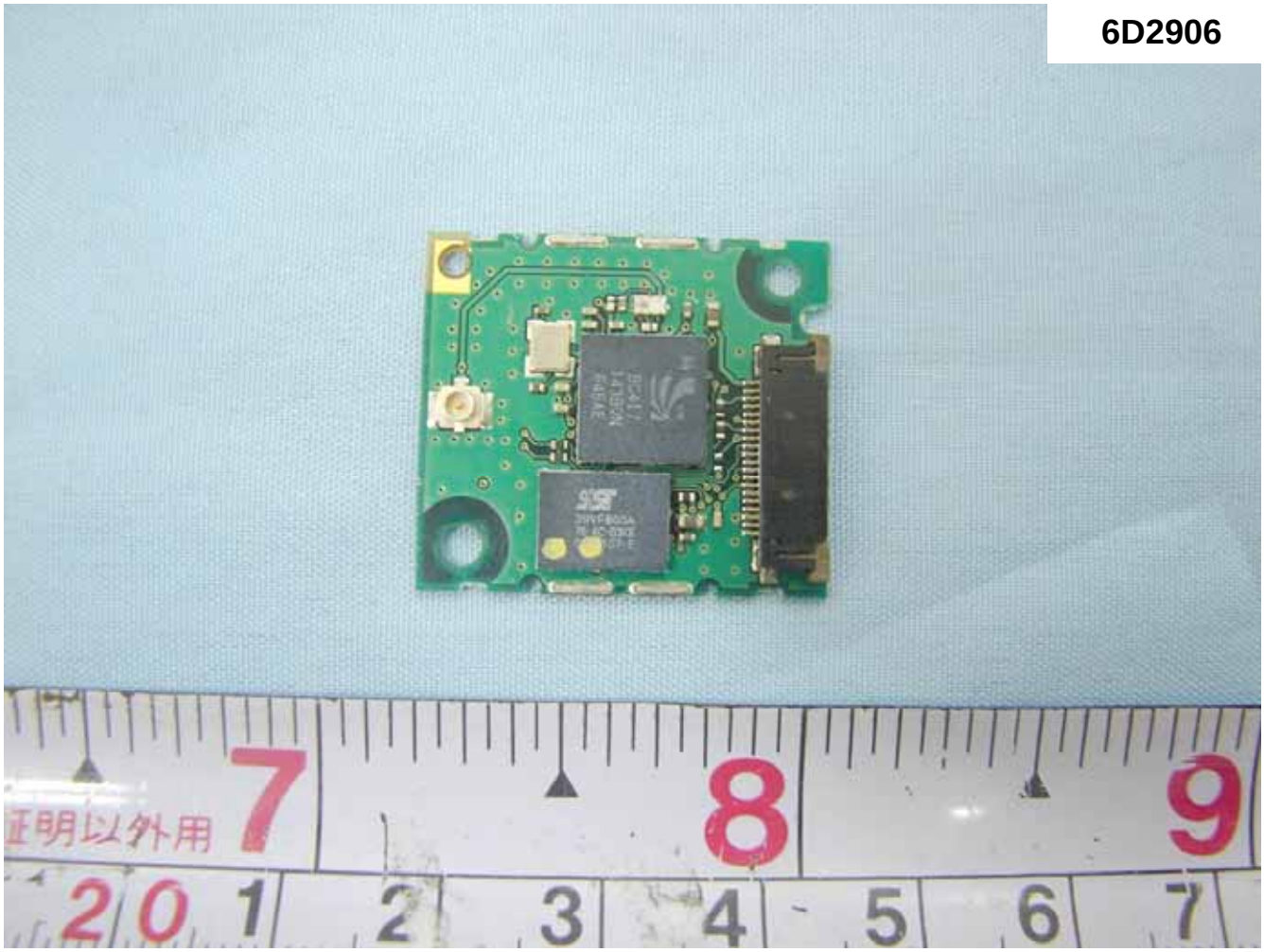

00037AE88F7C
CA46920-0210 01A
A B C D E F G H I J
CE0560
FCC ID:RYYEYTF3CSFT
IC:4389A-EYTF3CSF

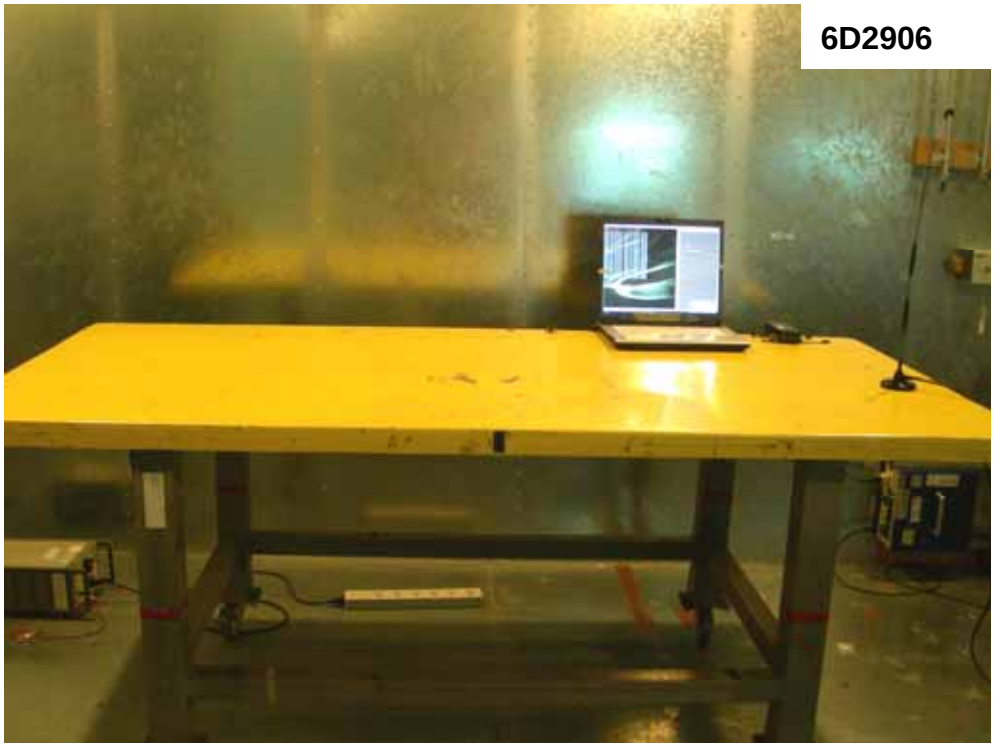
6D2906



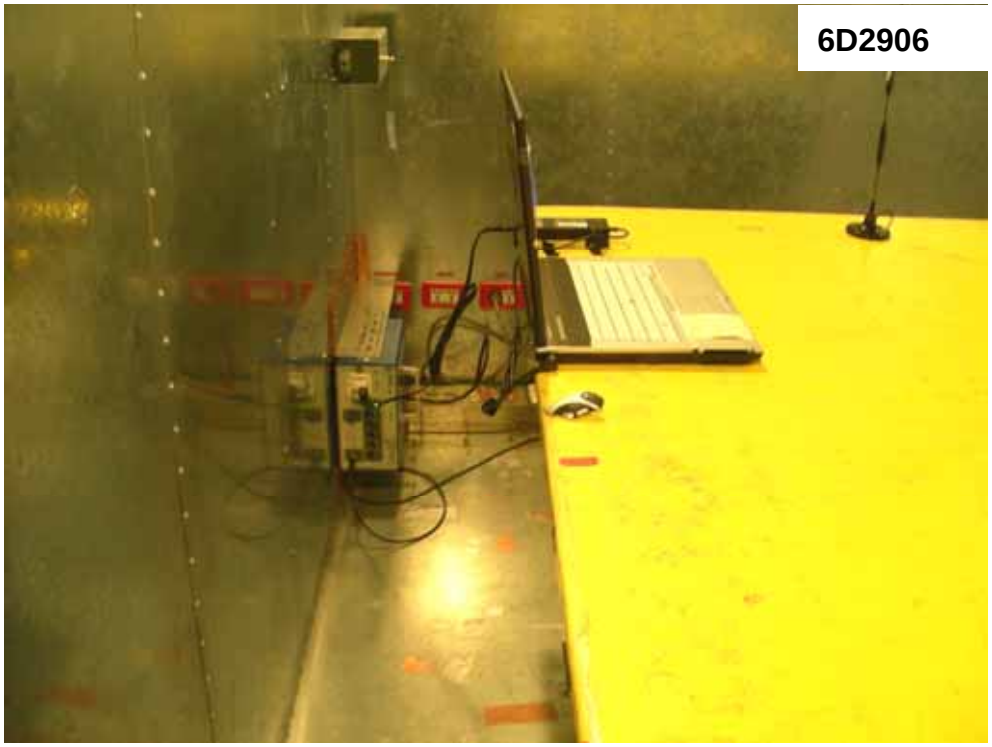
Appendix C. Set up Photograph

Conducted Emission

FRONT VIEW



REAR VIEW



SIDE VIEW

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Radiation Emission

FRONT VIEW

REAR VIEW