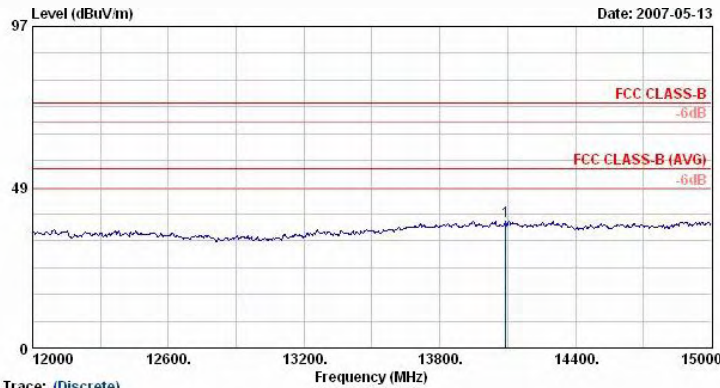


Site : 03CH06-HY
 Condition : HF-ANT(8-18)-060918 VERTICAL
 EUT : Notebook+PCDMA
 Power : 120Vac/60Hz
 Model : FR 6D2906
 Memo : 11n(a) Tx_CH36;5180MHz
 Data Rate : 20

Trace: (Discrete)

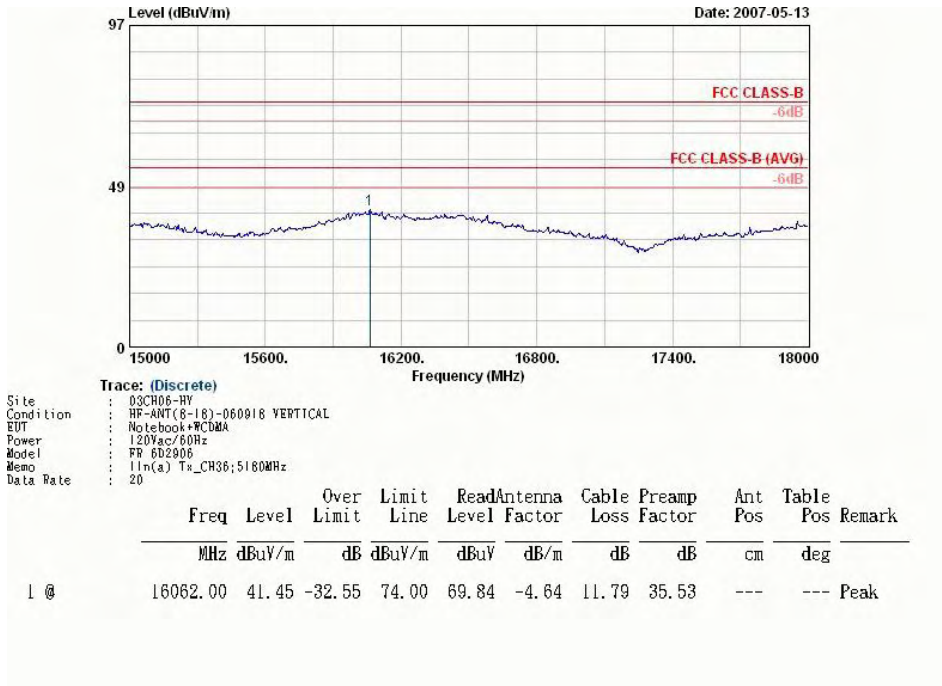
	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	Ant	Table	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1 @	10356.00	54.17	-19.83	74.00	90.07	-8.72	9.41	36.59	100	360 Peak
2 @	10356.00	35.52	-18.48	54.00	71.42	-8.72	9.41	36.59	100	196 Average



Site : 03CH06-HY
 Condition : HF-ANT(8-18)-060918 VERTICAL
 EUT : Notebook+PCDMA
 Power : 120Vac/60Hz
 Model : FR 6D2906
 Memo : 11n(a) Tx_CH36;5180MHz
 Data Rate : 20

Trace: (Discrete)

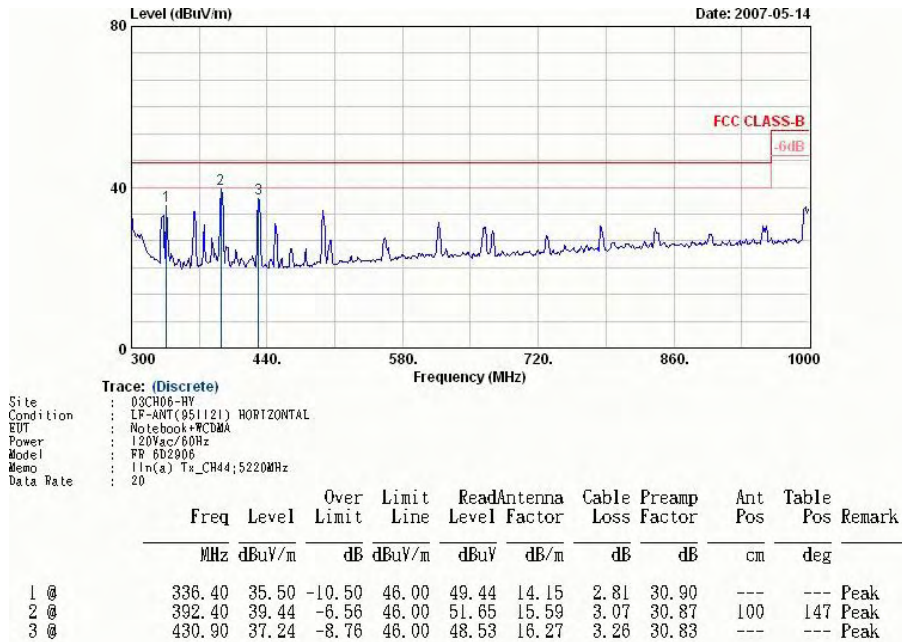
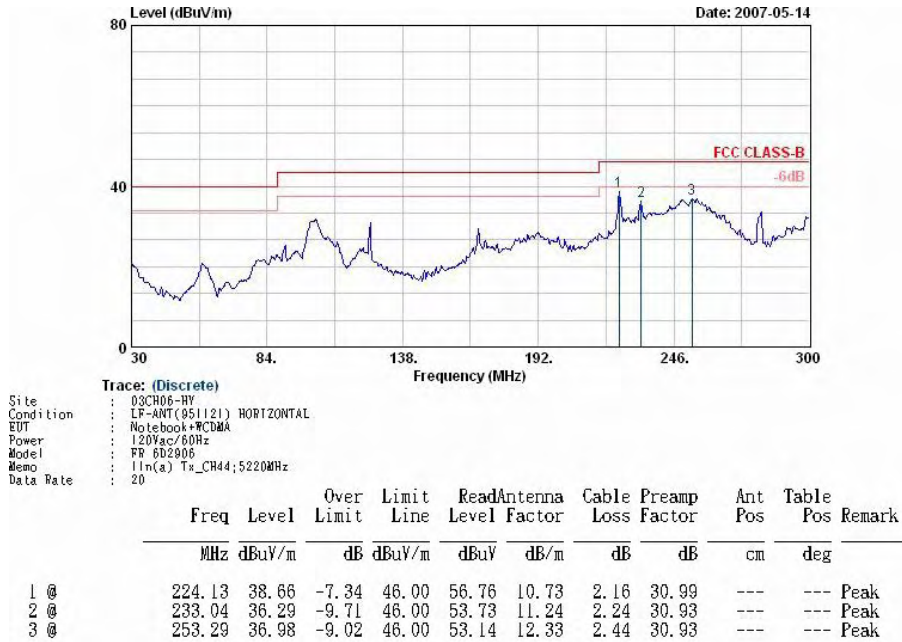
	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	Ant	Table	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1	14091.00	38.34	-35.66	74.00	67.57	-6.19	11.65	34.68	---	---

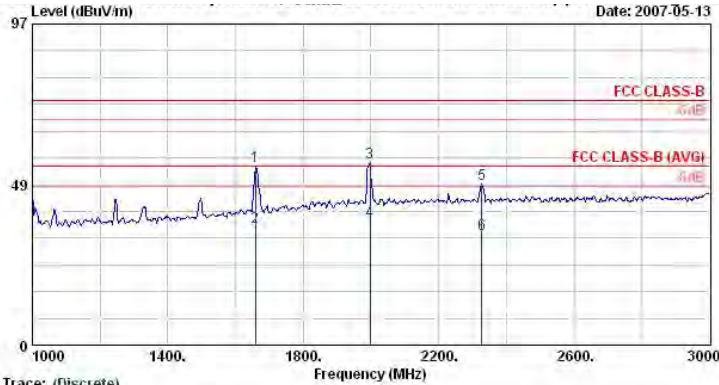


Remark : Frequency from 18GHz to 40GHz, the emission emitted by the EUT is too low to be measured.

- Test Mode : Mode 5
 - Temperature : 24°C
 - Relative Humidity :53%
 - Test Engineer : Andrew
 - Polarization : Horizontal

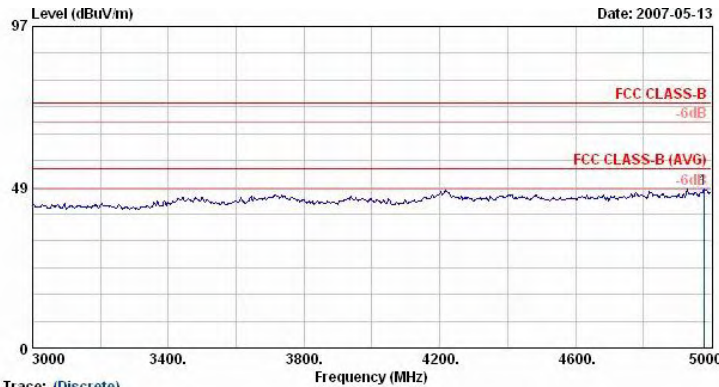
■ The test that passed at minimum margin was marked by the frame in the following table.





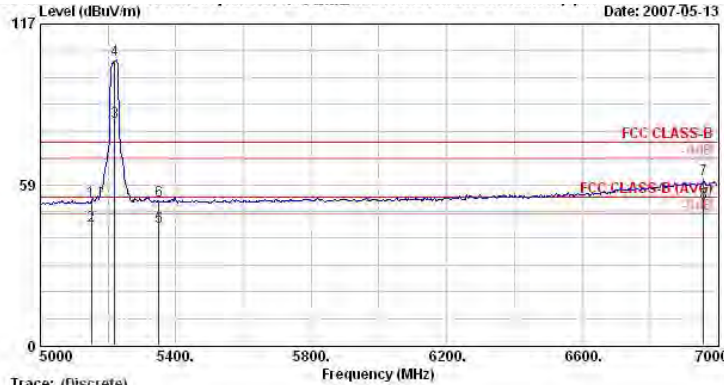
Trace: (Discrete)
 Site : 03CR06-HY
 Condition : RF-ANT-060410 HORIZONTAL
 EUT : Notebook+PCDMA
 Power : 120Vac/60Hz
 Model : FR 6D2906
 Memo : 11n(a) Tx_CH44;5220MHz
 Data Rate : 20

	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	Ant	Table	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1 @	1658.00	54.08	-19.92	74.00	59.15	27.43	3.03	35.53	100	0 Peak
2 @	1658.00	35.78	-18.22	54.00	40.85	27.43	3.03	35.53	100	6 Average
3 @	1998.00	55.02	-18.98	74.00	56.77	30.10	3.32	35.17	100	0 Peak
4 @	1998.00	37.46	-16.54	54.00	39.21	30.10	3.32	35.17	100	158 Average
5 @	2328.00	48.77	-25.23	74.00	50.26	30.23	3.69	35.40	100	0 Peak
6 @	2328.00	33.61	-20.39	54.00	35.10	30.23	3.69	35.40	100	319 Average



Trace: (Discrete)
 Site : 03CR06-HY
 Condition : RF-ANT-060410 HORIZONTAL
 EUT : Notebook+PCDMA
 Power : 120Vac/60Hz
 Model : FR 6D2906
 Memo : 11n(a) Tx_CH44;5220MHz
 Data Rate : 20

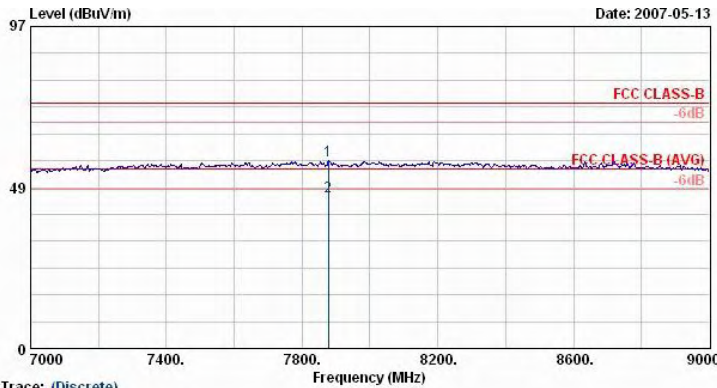
	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	Ant	Table	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1 @	4978.00	47.88	-26.12	74.00	44.65	33.53	5.94	36.25	---	---



Trace: (Discrete)
 Site : 03CR06-HY
 Condition : HF-ANT-060410 HORIZONTAL
 EUT : Notebook+WCDMA
 Power : 120Vac/60Hz
 Model : FR 6D2906
 Memo : 11n(a) Tx_CH44;5220MHz
 Data Rate : 20

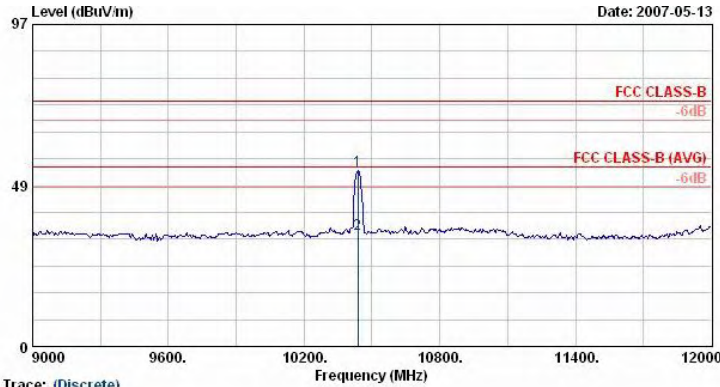
	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	Ant	Table	
	MHz	dBuV/m	Limit	Line	Level	Loss	Factor	Pos	Pos	Remark
			dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1 @	5150.00	52.48	-21.52	74.00	48.86	33.60	6.21	36.19	100	0 Peak
2 @	5150.00	43.60	-10.40	54.00	39.98	33.60	6.21	36.19	112	299 Average
3 @	5220.00	81.24			77.45	33.60	6.35	36.16	112	299 Average
4 @	5220.00	104.06			100.26	33.60	6.35	36.15	100	0 Peak
5 @	5350.00	43.22	-10.78	54.00	39.11	33.60	6.59	36.08	112	299 Average
6 @	5350.00	52.48	-21.52	74.00	48.36	33.60	6.59	36.08	100	0 Peak
7 @	6958.00	60.44	-13.56	74.00	50.79	37.52	7.87	35.73	100	0 Peak
8 @	6958.00	51.68	-2.32	54.00	42.02	37.52	7.87	35.73	162	0 Average

Remark: #3 and #4 Fundamental Signal



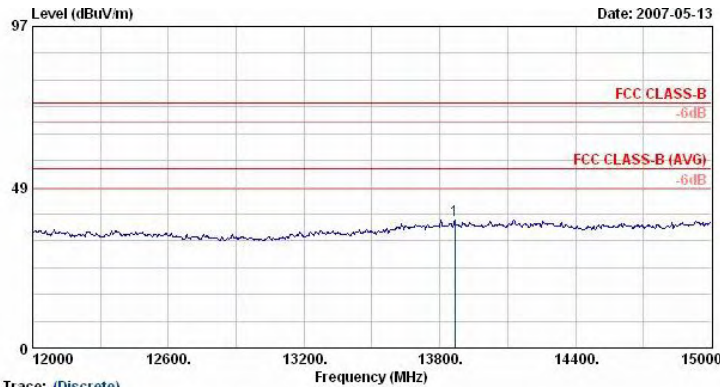
Trace: (Discrete)
 Site : 03CR06-HY
 Condition : HF-ANT-060410 HORIZONTAL
 EUT : Notebook+WCDMA
 Power : 120Vac/60Hz
 Model : FR 6D2906
 Memo : 11n(a) Tx_CH44;5220MHz
 Data Rate : 20

	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	Ant	Table	
	MHz	dBuV/m	Limit	Line	Level	Loss	Factor	Pos	Pos	Remark
			dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1 @	7878.00	56.54	-17.46	74.00	45.24	39.44	7.75	35.89	100	0 Peak
2 @	7878.00	45.66	-8.34	54.00	34.37	39.44	7.75	35.89	100	184 Average



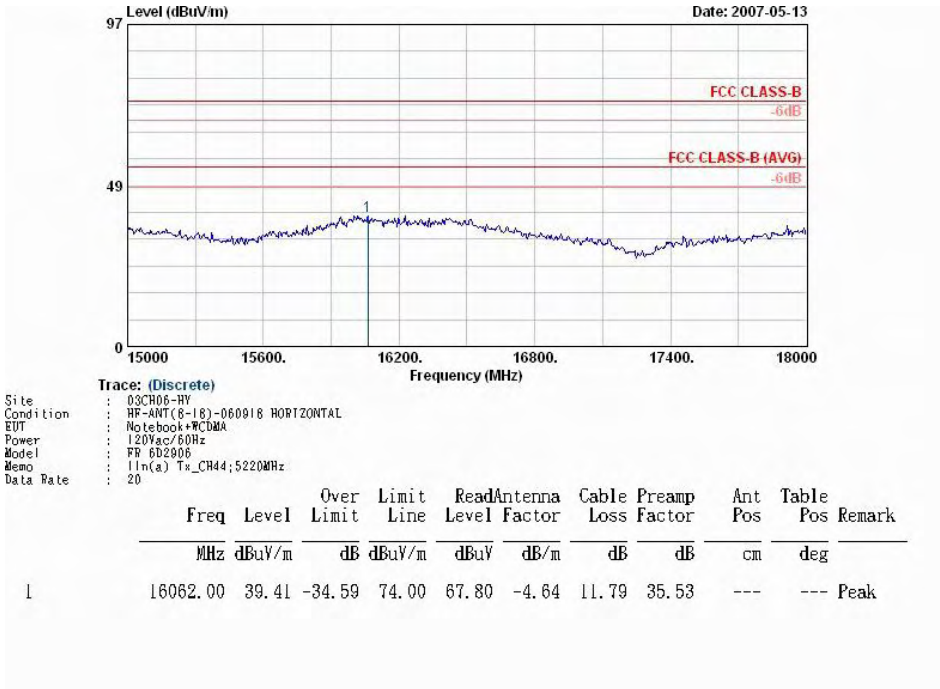
Trace: (Discrete)
 Site : 03CH06-HY
 Condition : HF-ANT(8-18)-060918 HORIZONTAL
 EUT : Notebook+PCDMA
 Power : 120Vac/60Hz
 Model : FR 6D2906
 Memo : 11n(a) Tx_CH44;5220MHz
 Data Rate : 20

	Freq MHz	Level dBuV/m	Over Limit dB	Limit Line dBuV/m	Read Level dBuV	Antenna Factor dB/m	Cable Loss dB	Preamp Factor dB	Ant Pos cm	Table Pos deg	Remark
1 @	10437.00	52.84	-21.16	74.00	88.59	-8.60	9.46	36.62	100	360	Peak
2 @	10437.00	33.76	-20.24	54.00	69.51	-8.60	9.46	36.62	100	73	Average



Trace: (Discrete)
 Site : 03CH06-HY
 Condition : HF-ANT(8-18)-060918 HORIZONTAL
 EUT : Notebook+PCDMA
 Power : 120Vac/60Hz
 Model : FR 6D2906
 Memo : 11n(a) Tx_CH44;5220MHz
 Data Rate : 20

	Freq MHz	Level dBuV/m	Over Limit dB	Limit Line dBuV/m	Read Level dBuV	Antenna Factor dB/m	Cable Loss dB	Preamp Factor dB	Ant Pos cm	Table Pos deg	Remark
1	13886.00	38.64	-35.36	74.00	68.59	-6.96	11.50	34.48	---	---	Peak

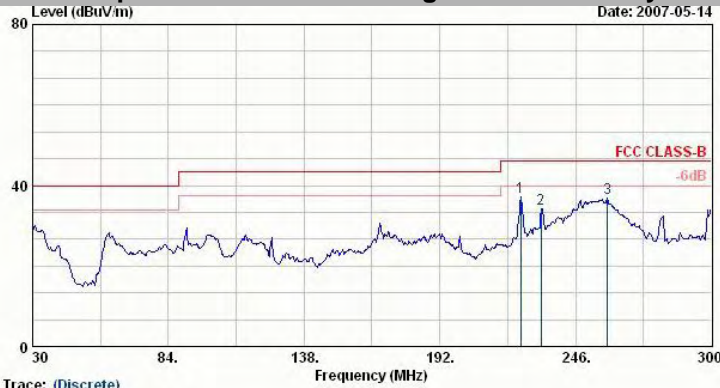


Trace: (Discrete)
 Site : 03CH06-HY
 Condition : HF-ANT(8-18)-060918 HORIZONTAL
 EUT : Notebook+WCDMA
 Power : 120Vac/60Hz
 Model : FR 6D2906
 Memo : 11n(a) Tx_CH44;5220MHz
 Data Rate : 20

	Freq	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	
	MHz	dBuV/m	dB	dBuV/m	Level	Factor	Loss	Factor	Pos	Pos	Remark
					dBuV	dB/m	dB	dB	cm	deg	
1	16062.00	39.41	-34.59	74.00	67.80	-4.64	11.79	35.53	---	---	Peak

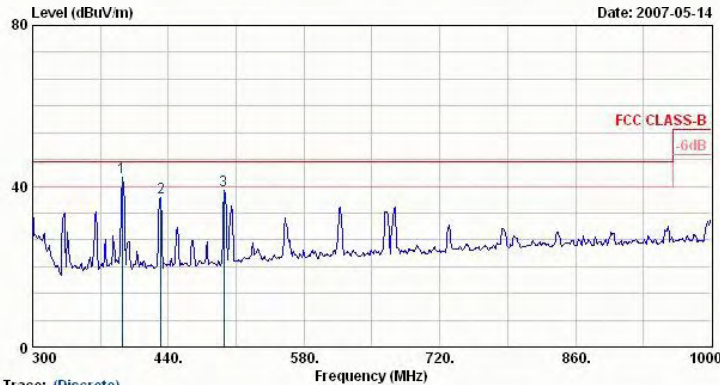
- Polarization : Vertical

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



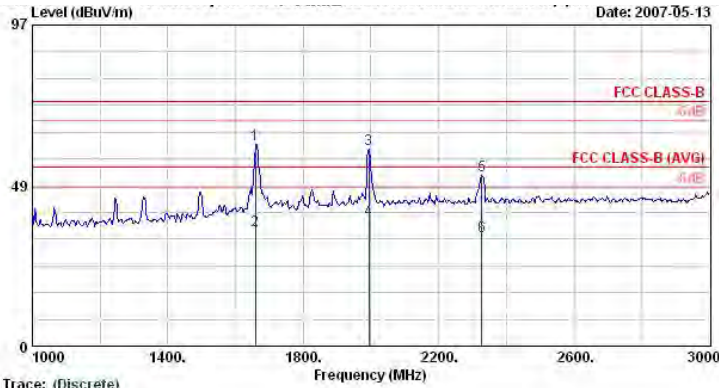
Trace: (Discrete)
 Site : 03CH06-HY
 Condition : LP-ANT(951121) VERTICAL
 EUT : Notebook+WCDMA
 Power : 120Vac/60Hz
 Model : FR 6D2906
 Memo : 11n(a) Tx_CR44;5220MHz
 Data Rate : 20

	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	Ant	Table	Remark	
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1 @	224.13	37.24	-8.76	46.00	55.34	10.73	2.16	30.99	---	---	Peak
2 @	232.23	34.21	-11.79	46.00	51.72	11.18	2.23	30.93	---	---	Peak
3 @	258.69	36.89	-9.11	46.00	52.93	12.44	2.47	30.95	---	---	Peak



Trace: (Discrete)
 Site : 03CH06-HY
 Condition : LP-ANT(951121) VERTICAL
 EUT : Notebook+WCDMA
 Power : 120Vac/60Hz
 Model : FR 6D2906
 Memo : 11n(a) Tx_CR44;5220MHz
 Data Rate : 20

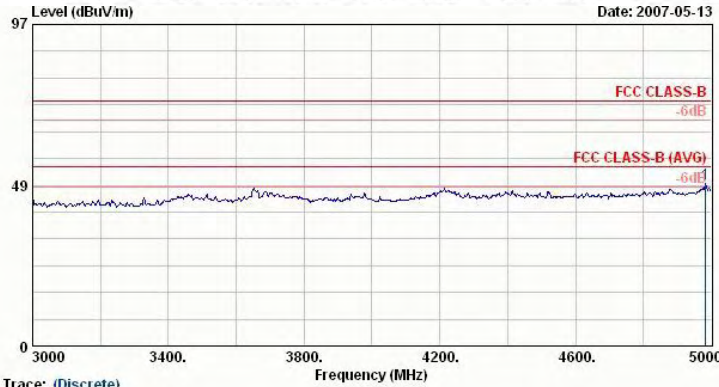
	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	Ant	Table	Remark	
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1 @	392.40	42.11	-3.89	46.00	54.32	15.59	3.07	30.87	100	308	Peak
2 @	432.30	37.20	-8.80	46.00	48.46	16.31	3.26	30.83	---	---	Peak
3 @	497.40	38.91	-7.09	46.00	48.82	17.38	3.50	30.79	---	---	Peak



Site : 03CH06-HY
 Condition : HF-ANT-060410 VERTICAL
 EUT : Notebook+RCDMA
 Power : 120Vac/60Hz
 Model : FR 6D2906
 Memo : 11n(a) Tx_CH44;5220MHz
 Data Rate : 20

Trace: (Discrete)

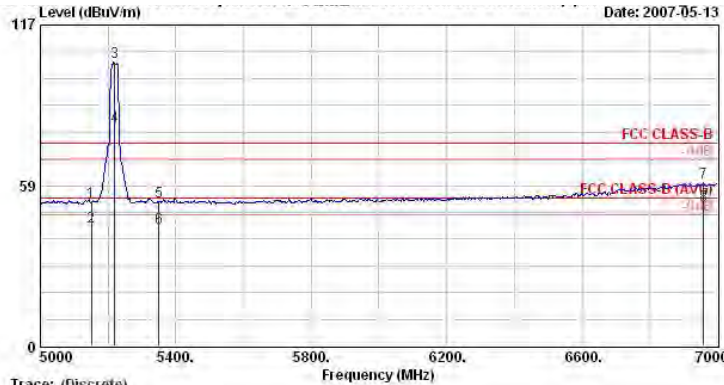
	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	Ant	Table	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1 @	1658.00	60.82	-13.18	74.00	65.89	27.43	3.03	35.53	100	360 Peak
2 @	1658.00	35.12	-18.88	54.00	40.19	27.43	3.03	35.53	100	232 Average
3 @	1994.00	59.37	-14.63	74.00	61.28	29.97	3.30	35.17	100	360 Peak
4 @	1994.00	38.34	-15.66	54.00	40.24	29.97	3.30	35.17	100	93 Average
5 @	2328.00	51.48	-22.52	74.00	52.96	30.23	3.69	35.40	100	360 Peak
6 @	2328.00	33.24	-20.76	54.00	34.73	30.23	3.69	35.40	100	269 Average



Site : 03CH06-HY
 Condition : HF-ANT-060410 VERTICAL
 EUT : Notebook+RCDMA
 Power : 120Vac/60Hz
 Model : FR 6D2906
 Memo : 11n(a) Tx_CH44;5220MHz
 Data Rate : 20

Trace: (Discrete)

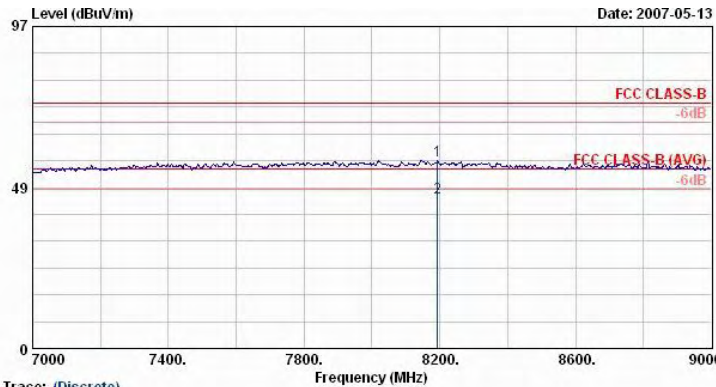
	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	Ant	Table	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1 @	4984.00	49.00	-25.00	74.00	45.76	33.53	5.96	36.25	---	---



Trace: (Discrete)
 Site : 03CH06-HY
 Condition : HF-ANT-060410 VERTICAL
 EUT : Notebook+WCDMA
 Power : 120Vac/60Hz
 Model : FR 6D2906
 Memo : 11n(a) Tx_CH44;5220MHz
 Data Rate : 20

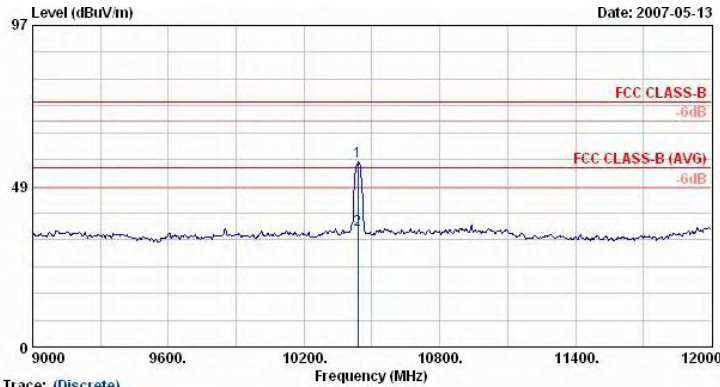
	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	Ant	Table	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1 @	5150.00	52.55	-21.45	74.00	48.93	33.60	6.21	36.19	100	360 Peak
2 @	5150.00	43.49	-10.51	54.00	39.87	33.60	6.21	36.19	100	280 Average
3 @	5220.00	103.33			99.54	33.60	6.35	36.16	100	360 Peak
4 @	5220.00	80.18			76.39	33.60	6.35	36.16	100	280 Average
5 @	5350.00	52.75	-21.25	74.00	48.63	33.60	6.59	36.08	100	360 Peak
6 @	5350.00	42.98	-11.02	54.00	38.87	33.60	6.59	36.08	100	280 Average
7 @	6958.00	59.38	-14.62	74.00	49.72	37.52	7.87	35.73	100	360 Peak
8 @	6958.00	51.33	-2.67	54.00	41.67	37.52	7.87	35.73	196	6 Average

Remark: #3 and #4 Fundamental Signal



Trace: (Discrete)
 Site : 03CH06-HY
 Condition : HF-ANT-060410 VERTICAL
 EUT : Notebook+WCDMA
 Power : 120Vac/60Hz
 Model : FR 6D2906
 Memo : 11n(a) Tx_CH44;5220MHz
 Data Rate : 20

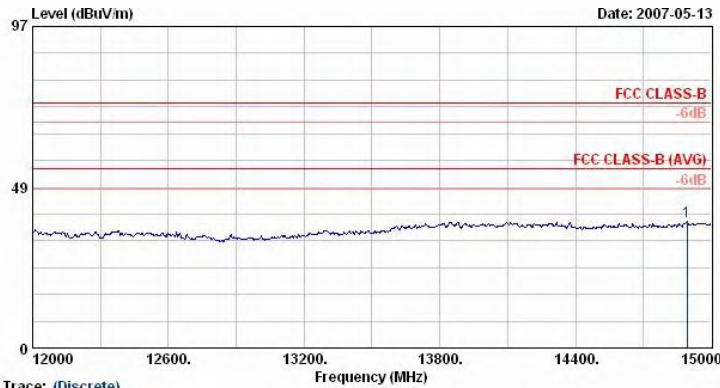
	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	Ant	Table	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1 @	8194.00	56.51	-17.49	74.00	45.00	39.45	8.02	35.96	100	360 Peak
2 @	8194.00	45.49	-8.51	54.00	33.98	39.45	8.02	35.96	100	56 Average



Site : 03CH06-HY
 Condition : RF-ANT(8-18)-060918 VERTICAL
 EUT : Notebook+PCDMA
 Power : 120Vac/60Hz
 Model : FR 6D2906
 Memo : 11n(a) Tx_CH44;5220MHz
 Data Rate : 20

Trace: (Discrete)

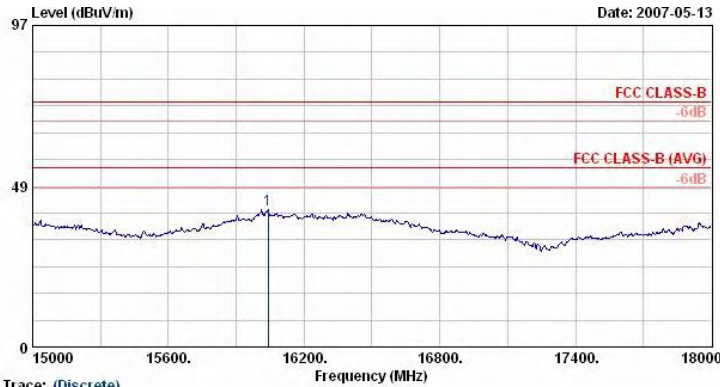
	Freq	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1 @	10437.00	55.72	-18.28	74.00	91.47	-8.60	9.46	36.62	100	360	Peak
2 @	10437.00	35.49	-18.51	54.00	71.24	-8.60	9.46	36.62	100	200	Average



Site : 03CH06-HY
 Condition : RF-ANT(8-18)-060918 VERTICAL
 EUT : Notebook+PCDMA
 Power : 120Vac/60Hz
 Model : FR 6D2906
 Memo : 11n(a) Tx_CH44;5220MHz
 Data Rate : 20

Trace: (Discrete)

	Freq	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	14892.00	38.22	-35.78	74.00	69.07	-6.29	11.36	35.93	---	---	Peak



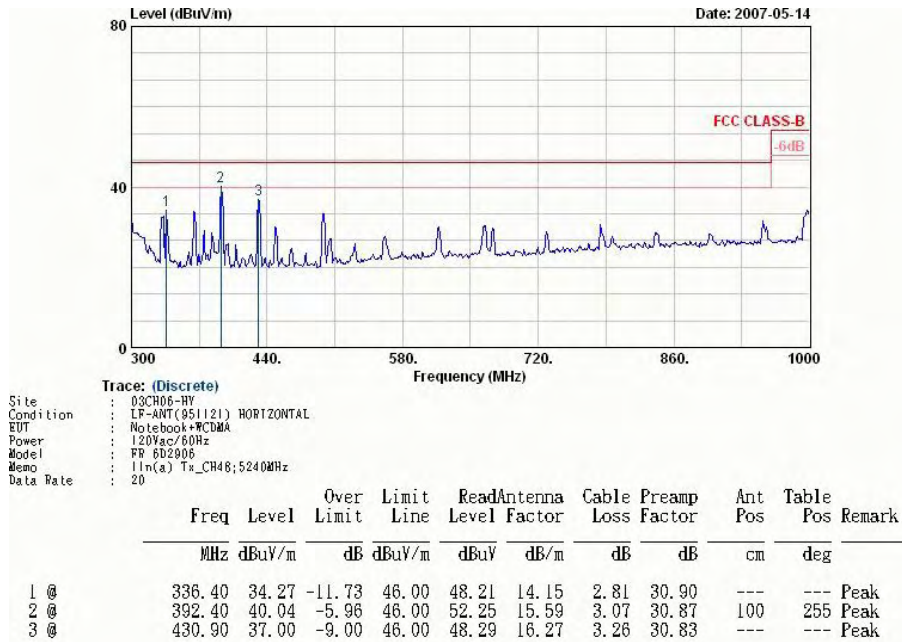
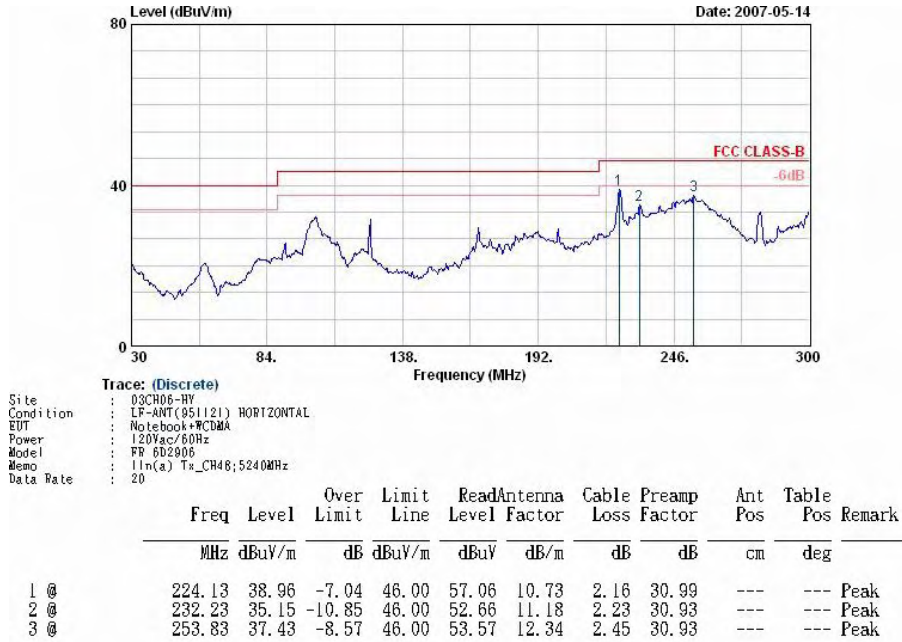
Trace: (Discrete)
 Site : 03CH06-HY
 Condition : HF-ANT(8-18)-060918 VERTICAL
 EUT : Notebook+PCDMA
 Power : 120Vac/60Hz
 Model : FR 6D2906
 Memo : 11n(a) Tx_CH44;5220MHz
 Data Rate : 20

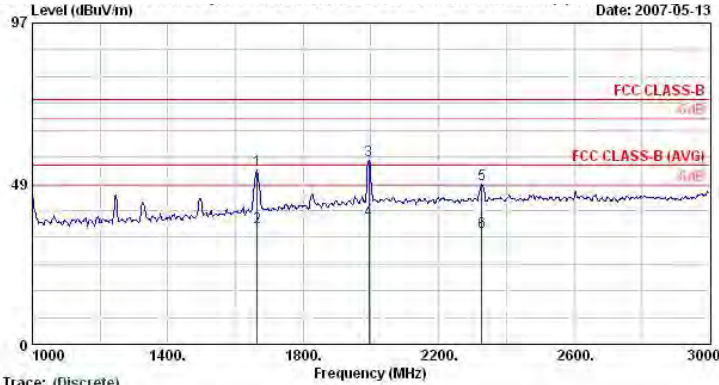
	Freq	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1 @	16041.00	41.45	-32.55	74.00	69.89	-4.40	11.78	35.83	---	---	Peak

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

- Test Mode : Mode 6
 - Temperature : 24°C
 - Relative Humidity :53%
 - Test Engineer : Andrew
 - Polarization : Horizontal

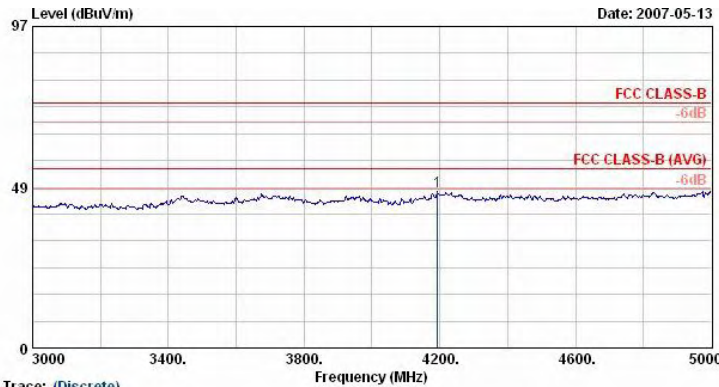
■ The test that passed at minimum margin was marked by the frame in the following table.





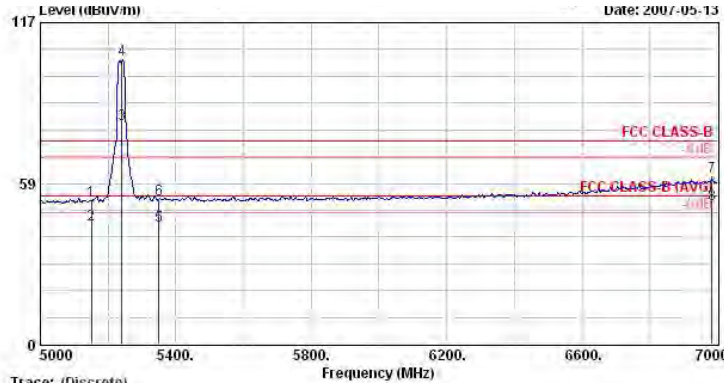
Trace: (Discrete)
 Site : 03CR06-HY
 Condition : RF-ANT-060410 HORIZONTAL
 EUT : Notebook+PCDMA
 Power : 120Vac/60Hz
 Model : FR 6D2906
 Memo : 11n(a) Tx_CH48;5240MHz
 Data Rate : 20

	Freq	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1 @	1664.00	52.67	-21.33	74.00	57.74	27.43	3.03	35.53	100	0	Peak
2 @	1664.00	35.25	-18.75	54.00	40.32	27.43	3.03	35.53	100	5	Average
3 @	1994.00	55.42	-18.58	74.00	57.32	29.97	3.30	35.17	100	0	Peak
4 @	1994.00	37.38	-16.62	54.00	39.13	30.10	3.32	35.17	100	173	Average
5 @	2328.00	48.31	-25.69	74.00	49.80	30.23	3.69	35.40	100	0	Peak
6 @	2328.00	33.72	-20.28	54.00	35.21	30.23	3.69	35.40	100	330	Average



Trace: (Discrete)
 Site : 03CR06-HY
 Condition : RF-ANT-060410 HORIZONTAL
 EUT : Notebook+PCDMA
 Power : 120Vac/60Hz
 Model : FR 6D2906
 Memo : 11n(a) Tx_CH48;5240MHz
 Data Rate : 20

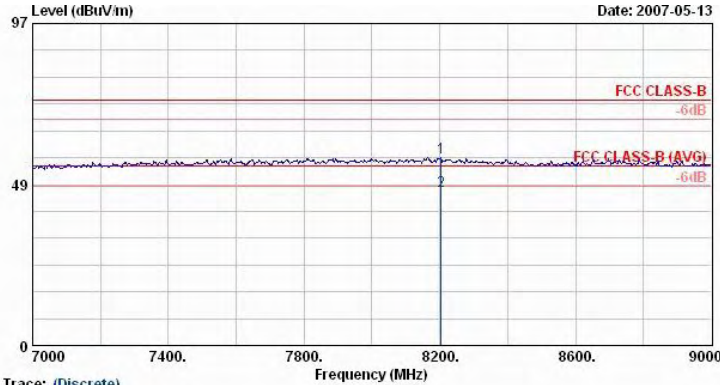
	Freq	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1 @	4194.00	47.16	-26.84	74.00	46.29	31.28	5.31	35.72	---	---	Peak



Trace: (Discrete)
 Site : 03CH06-HY
 Condition : HF-ANT-060410 HORIZONTAL
 EUT : Notebook+PCDMA
 Power : 120Vac/60Hz
 Model : FR 6D2906
 Memo : 11n(a) Tx_CH48;5240MHz
 Data Rate : 20

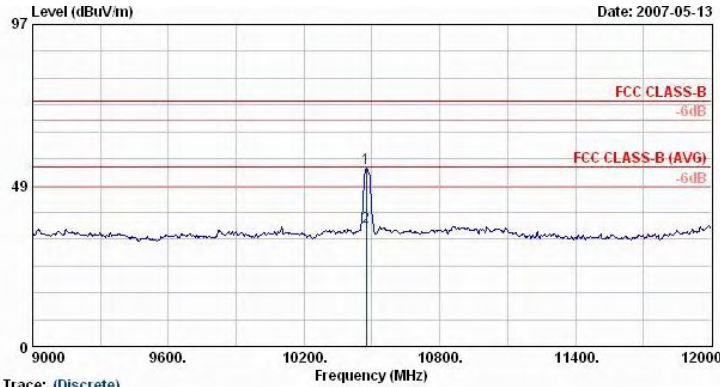
	Freq	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	
	MHz	dBuV/m	Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Remark
			dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1 @	5150.00	52.10	-21.90	74.00	48.48	33.60	6.21	36.19	100	0	Peak
2 @	5150.00	43.43	-10.57	54.00	39.81	33.60	6.21	36.19	100	300	Average
3 @	5240.00	80.06			76.22	33.60	6.39	36.15	100	300	Average
4 @	5240.00	103.45			99.82	33.60	6.39	36.15	100	0	Peak
5 @	5350.00	43.17	-10.83	54.00	39.06	33.60	6.59	36.08	100	300	Average
6 @	5350.00	52.74	-21.26	74.00	48.63	33.60	6.59	36.08	100	0	Peak
7 @	6984.00	60.85	-13.15	74.00	51.00	37.71	7.89	35.75	100	0	Peak
8 @	6984.00	50.86	-3.14	54.00	41.01	37.71	7.89	35.75	162	0	Average

Remark: #3 and #4 Fundamental Signal



Trace: (Discrete)
 Site : 03CH06-HY
 Condition : HF-ANT-060410 HORIZONTAL
 EUT : Notebook+PCDMA
 Power : 120Vac/60Hz
 Model : FR 6D2906
 Memo : 11n(a) Tx_CH48;5240MHz
 Data Rate : 20

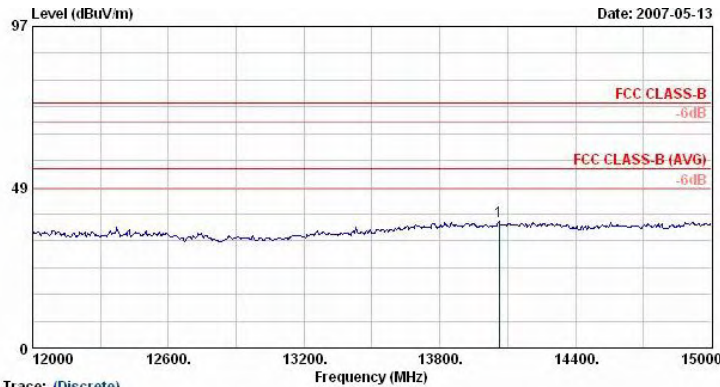
	Freq	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	
	MHz	dBuV/m	Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Remark
			dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1 @	8204.00	56.74	-17.26	74.00	45.25	39.43	8.02	35.97	100	360	Peak
2 @	8204.00	46.64	-7.36	54.00	35.16	39.43	8.02	35.97	100	181	Average



Trace: (Discrete)

Site : 03CH06-HY
 Condition : HF-ANT(8-18)-060918 HORIZONTAL
 EUT : Notebook+PCDMA
 Power : 120Vac/60Hz
 Model : FR 6D2906
 Memo : 11n(a) Tx_CH48;5240MHz
 Data Rate : 20

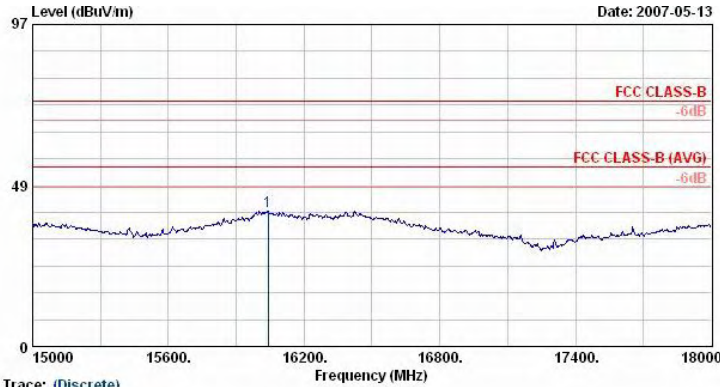
	Freq MHz	Level dBuV/m	Over Limit dB	Limit Line dBuV/m	Read Level dBuV	Antenna Factor dB/m	Cable Loss dB	Preamp Factor dB	Ant Pos cm	Table Pos deg	Remark
1 @	10476.00	53.71	-20.29	74.00	89.39	-8.53	9.48	36.64	100	0	Peak
2 @	10476.00	36.10	-17.90	54.00	71.79	-8.53	9.48	36.64	100	68	Average



Trace: (Discrete)

Site : 03CH06-HY
 Condition : HF-ANT(8-18)-060918 HORIZONTAL
 EUT : Notebook+PCDMA
 Power : 120Vac/60Hz
 Model : FR 6D2906
 Memo : 11n(a) Tx_CH48;5240MHz
 Data Rate : 20

	Freq MHz	Level dBuV/m	Over Limit dB	Limit Line dBuV/m	Read Level dBuV	Antenna Factor dB/m	Cable Loss dB	Preamp Factor dB	Ant Pos cm	Table Pos deg	Remark
1	14081.00	38.16	-35.84	74.00	67.31	-6.16	11.64	34.63	---	---	Peak

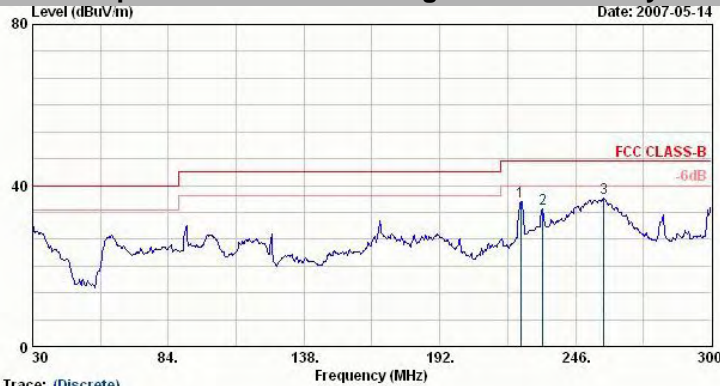


Trace: (Discrete)
 Site : 03CH06-HY
 Condition : HF-ANT(8-18)-060918 HORIZONTAL
 EUT : Notebook+PCDMA
 Power : 120Vac/60Hz
 Model : FR 6D2906
 Memo : 11n(a) Tx_CH48;5240MHz
 Data Rate : 20

	Freq	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	
	MHz	dBuV/m	dB	dBuV/m	Level	Factor	Loss	Factor	Pos	Pos	Remark
					dBuV	dB/m	dB	dB	cm	deg	
1	16041.00	40.86	-33.14	74.00	69.30	-4.40	11.78	35.83	---	---	Peak

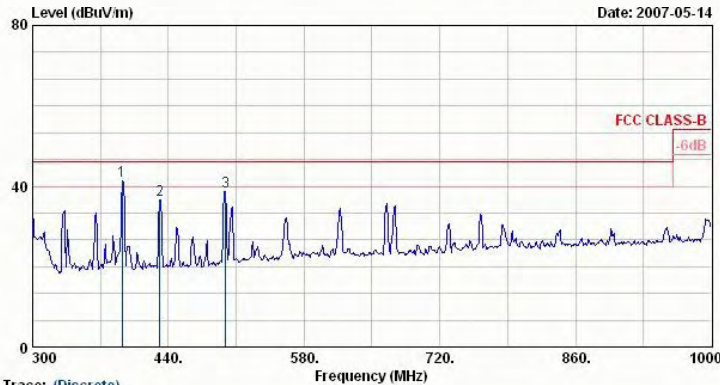
- Polarization : Vertical

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



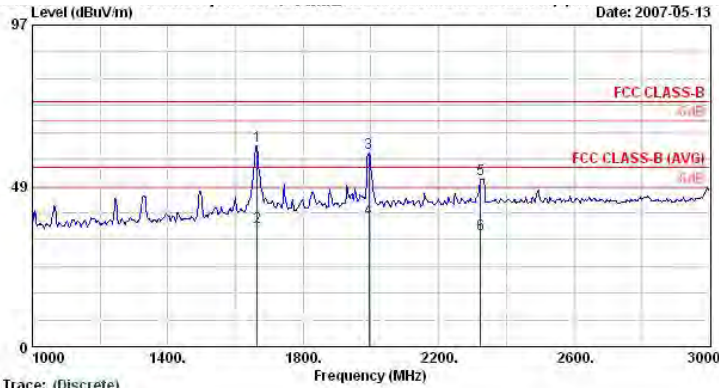
Trace: (Discrete)
 Site : 03CH06-HY
 Condition : LF-ANT(951121) VERTICAL
 EUT : Notebook+WCDMA
 Power : 120Vac/60Hz
 Model : FR 6D2906
 Memo : 11n(a) Tx_CH48;5240MHz
 Data Rate : 20

	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	Ant	Table	Remark	
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1 @	224.13	36.12	-9.88	46.00	54.22	10.73	2.16	30.99	---	---	Peak
2 @	233.04	34.32	-11.68	46.00	51.77	11.24	2.24	30.93	---	---	Peak
3 @	257.34	36.83	-9.17	46.00	52.90	12.40	2.46	30.94	---	---	Peak



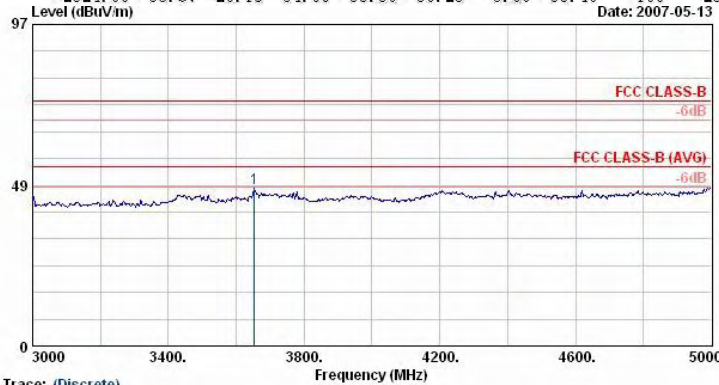
Trace: (Discrete)
 Site : 03CH06-HY
 Condition : LF-ANT(951121) VERTICAL
 EUT : Notebook+WCDMA
 Power : 120Vac/60Hz
 Model : FR 6D2906
 Memo : 11n(a) Tx_CH48;5240MHz
 Data Rate : 20

	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	Ant	Table	Remark	
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1 @	392.40	41.46	-4.54	46.00	53.68	15.59	3.07	30.87	100	132	Peak
2 @	430.90	36.63	-9.37	46.00	47.93	16.27	3.26	30.83	---	---	Peak
3 @	498.80	38.79	-7.21	46.00	48.68	17.40	3.50	30.79	---	---	Peak



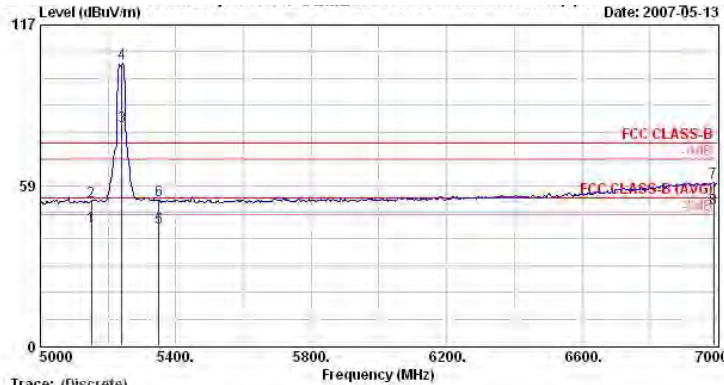
Trace: (Discrete)
 Site : 03CR06-HY
 Condition : HF-ANT-060410 VERTICAL
 EUT : Notebook+RCDMA
 Power : 120Vac/60Hz
 Model : FR 6D2906
 Memo : 11n(a) Tx_CH48;5240MHz
 Data Rate : 20

	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	Ant	Table	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1 @	1664.00	60.72	-18.28	74.00	65.79	27.43	3.03	35.53	100	360 Peak
2 @	1664.00	35.98	-18.02	54.00	41.05	27.43	3.03	35.53	100	227 Average
3 @	1994.00	58.50	-15.50	74.00	60.40	29.97	3.30	35.17	100	360 Peak
4 @	1994.00	38.46	-15.54	54.00	40.36	29.97	3.30	35.17	100	102 Average
5 @	2324.00	50.60	-23.40	74.00	52.09	30.23	3.69	35.40	100	360 Peak
6 @	2324.00	33.87	-20.13	54.00	35.36	30.23	3.69	35.40	100	258 Average



Trace: (Discrete)
 Site : 03CR06-HY
 Condition : HF-ANT-060410 VERTICAL
 EUT : Notebook+RCDMA
 Power : 120Vac/60Hz
 Model : FR 6D2906
 Memo : 11n(a) Tx_CH48;5240MHz
 Data Rate : 20

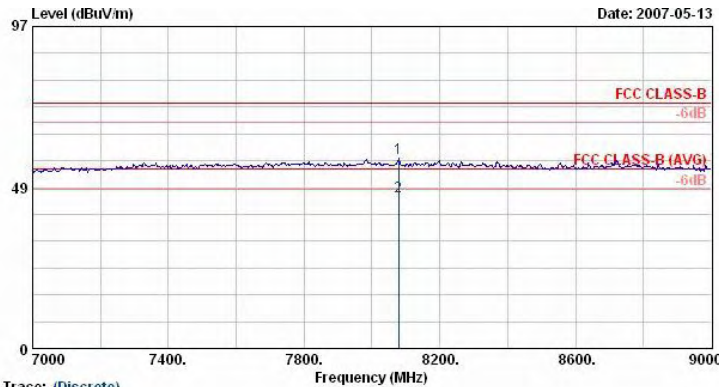
	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	Ant	Table	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1 @	3654.00	47.77	-26.23	74.00	48.40	30.24	4.77	35.64	---	---



Trace: (Discrete)
 Site : 03CH06-RY
 Condition : HF-ANT-060410 VERTICAL
 EUT : Notebook+CDMA
 Power : 120Vac/60Hz
 Model : FR 6D2906
 Memo : 11n(a) Tx_CH48;5240MHz
 Data Rate : 20

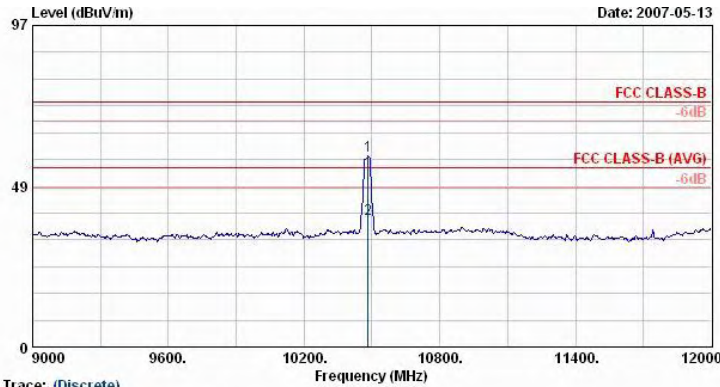
	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	Ant	Table	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1 @	5150.00	43.49	-10.51	54.00	39.87	33.60	6.21	36.19	100	283 Average
2 @	5150.00	52.75	-21.25	74.00	49.13	33.60	6.21	36.19	100	360 Peak
3 @	5240.00	80.23			76.39	33.60	6.39	36.15	100	283 Average
4 @	5240.00	103.09			99.25	33.60	6.39	36.15	100	360 Peak
5 @	5350.00	42.93	-11.07	54.00	38.82	33.60	6.59	36.08	100	283 Average
6 @	5350.00	52.91	-21.09	74.00	48.80	33.60	6.59	36.08	100	360 Peak
7 @	6988.00	59.74	-14.26	74.00	49.88	37.71	7.89	35.75	100	360 Peak
8 @	6988.00	49.90	-4.10	54.00	40.05	37.71	7.89	35.75	200	3 Average

Remark: #3 and #4 Fundamental Signal



Trace: (Discrete)
 Site : 03CH06-RY
 Condition : HF-ANT-060410 VERTICAL
 EUT : Notebook+CDMA
 Power : 120Vac/60Hz
 Model : FR 6D2906
 Memo : 11n(a) Tx_CH48;5240MHz
 Data Rate : 20

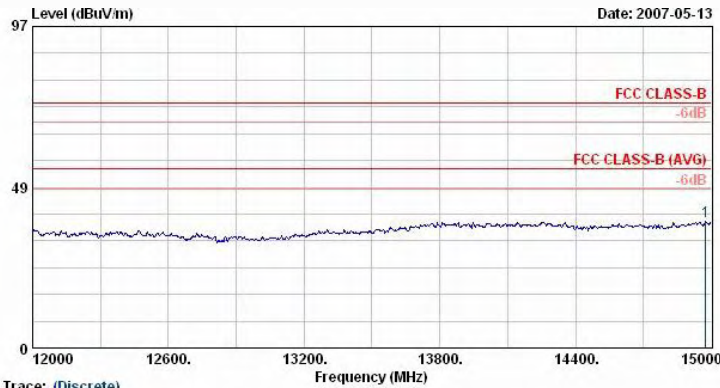
	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	Ant	Table	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1 @	8078.00	57.27	-16.73	74.00	45.73	39.54	7.89	35.90	100	360 Peak
2 @	8078.00	45.65	-8.35	54.00	34.11	39.54	7.89	35.90	100	62 Average



Site : 03CH06-HY
 Condition : RF-ANT(8-18)-060918 VERTICAL
 EUT : Notebook+PCDMA
 Power : 120Vac/60Hz
 Model : FR 6D2906
 Memo : 11n(a) Tx_CH48;5240MHz
 Data Rate : 20

Trace: (Discrete)

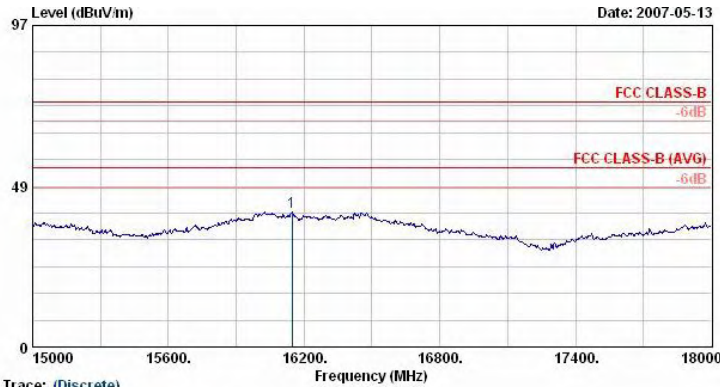
	Freq	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1 @	10482.00	57.80	-16.20	74.00	93.49	-8.53	9.48	36.64	100	360	Peak
2 @	10482.00	38.69	-15.31	54.00	74.38	-8.53	9.48	36.64	100	193	Average



Site : 03CH06-HY
 Condition : RF-ANT(8-18)-060918 VERTICAL
 EUT : Notebook+PCDMA
 Power : 120Vac/60Hz
 Model : FR 6D2906
 Memo : 11n(a) Tx_CH48;5240MHz
 Data Rate : 20

Trace: (Discrete)

	Freq	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	14976.00	38.06	-35.94	74.00	69.01	-6.22	11.27	36.01	---	---	Peak



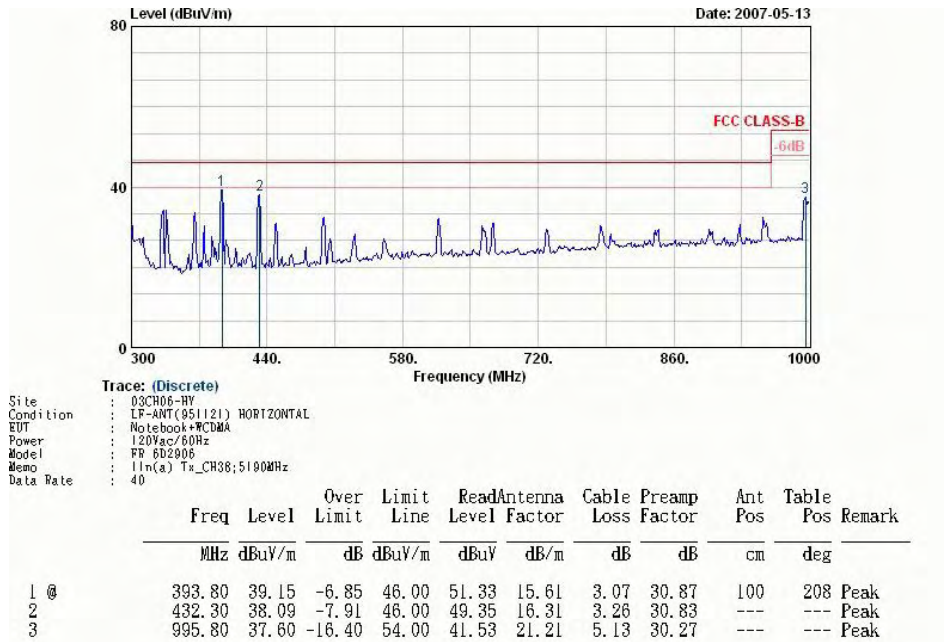
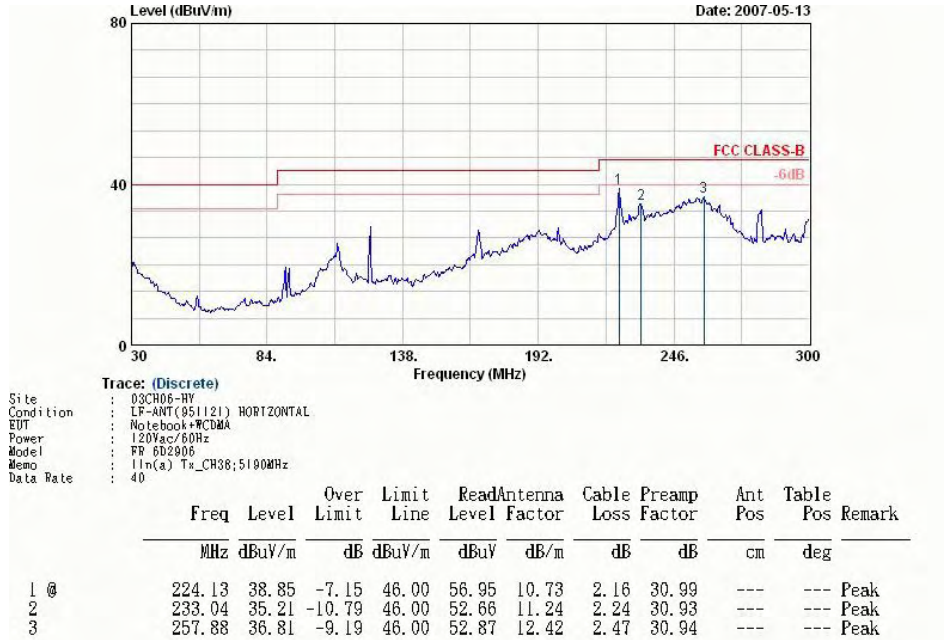
Trace: (Discrete)
 Site : 03CH06-HY
 Condition : HF-ANT(8-18)-060918 VERTICAL
 EUT : Notebook+PCDMA
 Power : 120Vac/60Hz
 Model : FR 6D2906
 Memo : 11n(a) Tx_CH48;5240MHz
 Data Rate : 20

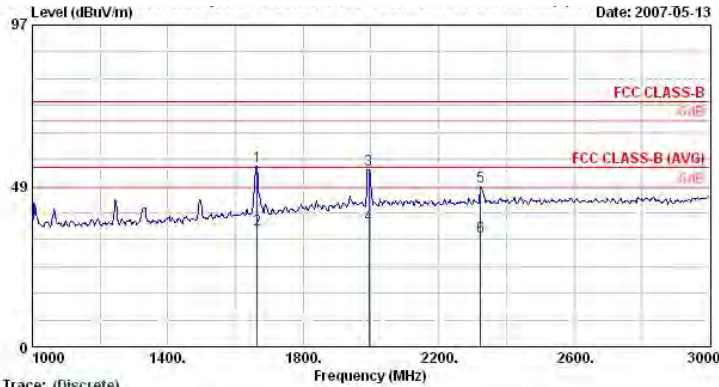
	Freq	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1 @	16146.00	40.86	-33.14	74.00	69.47	-5.76	11.80	34.65	---	---	Peak

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

- Test Mode : Mode 7
 - Temperature : 24°C
 - Relative Humidity :53%
 - Test Engineer : Andrew
 - Polarization : Horizontal

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

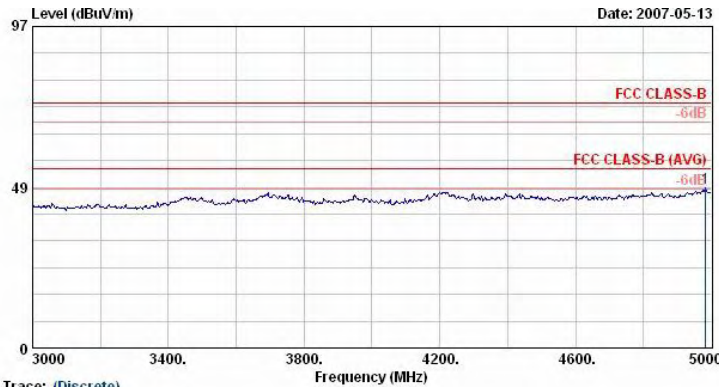




Site : 03CH06-HY
 Condition : HF-ANT-060410 HORIZONTAL
 EUT : Notebook+PCDMA
 Power : 120Vac/60Hz
 Model : FR 6D2906
 Memo : 11n(a) Tx_CH38;5190MHz
 Data Rate : 40

Trace: (Discrete)

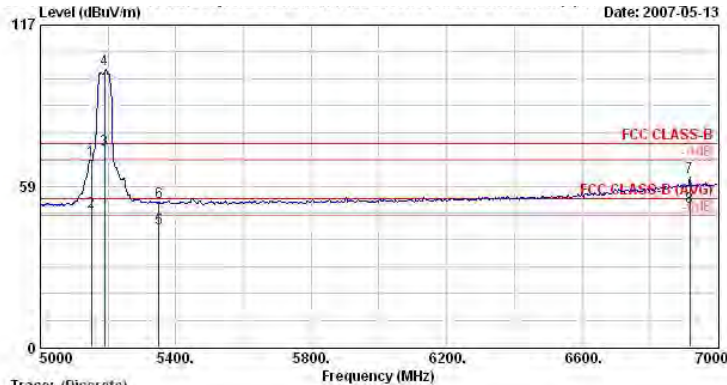
	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	Ant	Table	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1	1664.00	54.48	-19.52	74.00	59.56	27.43	3.03	35.53	100	0 Peak
2	1664.00	35.51	-18.49	54.00	40.58	27.43	3.03	35.53	100	4 Average
3	1994.00	53.39	-20.61	74.00	55.29	29.97	3.30	35.17	100	0 Peak
4	1994.00	36.71	-17.29	54.00	38.46	30.10	3.32	35.17	100	160 Average
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



Site : 03CH06-HY
 Condition : HF-ANT-060410 HORIZONTAL
 EUT : Notebook+PCDMA
 Power : 120Vac/60Hz
 Model : FR 6D2906
 Memo : 11n(a) Tx_CH38;5190MHz
 Data Rate : 40

Trace: (Discrete)

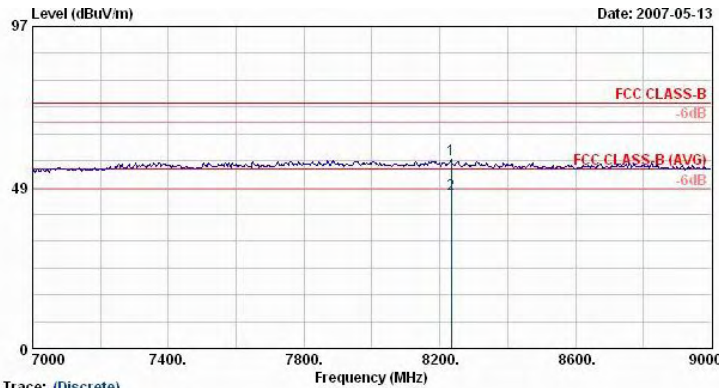
	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	Ant	Table	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1	4984.00	48.48	-25.52	74.00	45.24	33.53	5.96	36.25	---	---



Trace: (Discrete)
 Site : 03CR06-HY
 Condition : HF-ANT-060410 HORIZONTAL
 EUT : Notebook+WCDMA
 Power : 120Vac/60Hz
 Model : FR 6D2906
 Memo : 11n(a) Tx_CH38;5190MHz
 Data Rate : 40

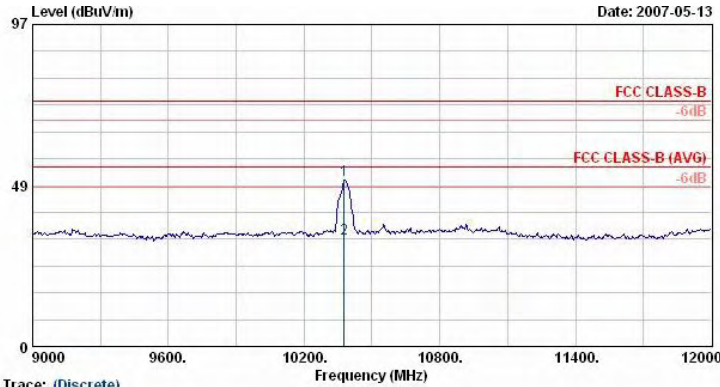
	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	Ant	Table	
	MHz	dBuV/m	Limit	Line	Level	Loss	Factor	Pos	Pos	Remark
			dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1 @	5150.00	67.96	-6.04	74.00	64.34	33.60	6.21	36.19	100	0 Peak
2 @	5150.00	49.31	-4.69	54.00	45.69	33.60	6.21	36.19	100	318 Average
3 @	5190.00	71.85			68.11	33.60	6.32	36.18	100	318 Average
4 @	5190.00	100.69			96.96	33.60	6.32	36.18	100	0 Peak
5	5350.00	42.84	-11.16	54.00	38.73	33.60	6.59	36.08	100	318 Average
6	5350.00	52.52	-21.48	74.00	48.41	33.60	6.59	36.08	100	0 Peak
7	6918.00	61.62	-12.38	74.00	52.24	37.33	7.79	35.74	100	0 Peak
8 @	6918.00	51.09	-2.91	54.00	41.71	37.33	7.79	35.74	164	37 Average

Remark: #3 and #4 Fundamental Signal



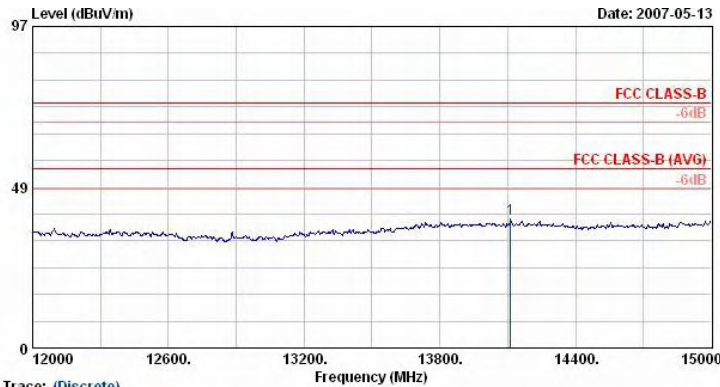
Trace: (Discrete)
 Site : 03CR06-HY
 Condition : HF-ANT-060410 HORIZONTAL
 EUT : Notebook+WCDMA
 Power : 120Vac/60Hz
 Model : FR 6D2906
 Memo : 11n(a) Tx_CH38;5190MHz
 Data Rate : 40

	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	Ant	Table	
	MHz	dBuV/m	Limit	Line	Level	Loss	Factor	Pos	Pos	Remark
			dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1	8234.00	56.85	-17.15	74.00	45.36	39.41	8.06	35.98	100	0 Peak
2	8234.00	46.51	-7.49	54.00	35.03	39.41	8.06	35.98	100	200 Average



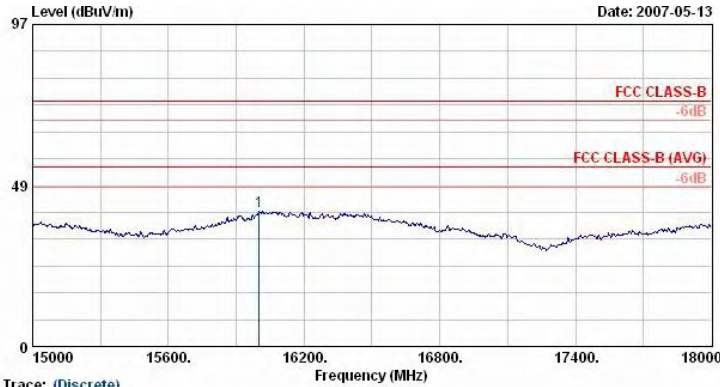
Trace: (Discrete)
 Site : 03CH06-HY
 Condition : HF-ANT(8-18)-060918 HORIZONTAL
 EUT : Notebook+PCDMA
 Power : 120Vac/60Hz
 Model : FR 6D2906
 Memo : 11n(a) Tx_CH38;5190MHz
 Data Rate : 40

	Freq MHz	Level dBuV/m	Over Limit dB	Limit Line dBuV/m	ReadAntenna Level dBuV	Antenna Factor dB/m	Cable Loss dB	Preamp Factor dB	Ant Pos cm	Table Pos deg	Remark
1	10377.00	50.14	-23.86	74.00	86.00	-8.69	9.43	36.60	100	0	Peak
2	10377.00	32.49	-21.51	54.00	68.35	-8.69	9.43	36.60	145	79	Average



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

	Freq MHz	Level dBuV/m	Over Limit dB	Limit Line dBuV/m	ReadAntenna Level dBuV	Antenna Factor dB/m	Cable Loss dB	Preamp Factor dB	Ant Pos cm	Table Pos deg	Remark
1	14112.00	38.86	-35.14	74.00	68.16	-6.21	11.65	34.73	---	---	Peak



Date: 2007-05-13

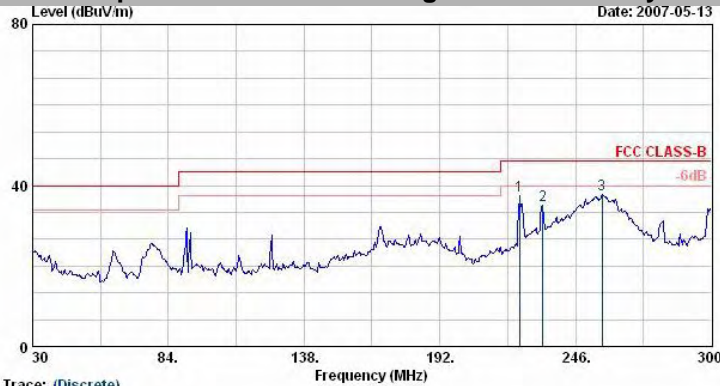
Trace: (Discrete)

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

	Freq MHz	Level dBuV/m	Over Limit dB	Limit Line dBuV/m	ReadAntenna		Cable Preamp		Ant Pos cm	Table Pos deg	Remark
					Level dBuV	Factor dB/m	Loss dB	Factor dB			
1	16002.00	40.86	-33.14	74.00	69.41	-3.90	11.77	36.42	---	---	Peak

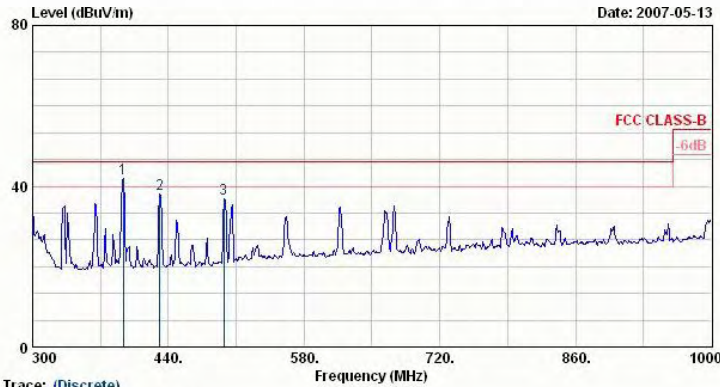
- Polarization : Vertical

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



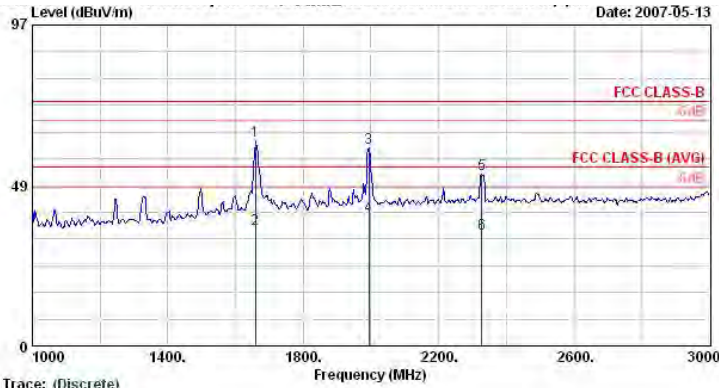
Trace: (Discrete)
 Site : 03CH06-HY
 Condition : LF-ANT(951121) VERTICAL
 EUT : Notebook+WCDMA
 Power : 120Vac/60Hz
 Model : FR 6D2906
 Memo : 11n(a) Tx_CH38;5190MHz
 Data Rate : 40

	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	Ant	Table	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



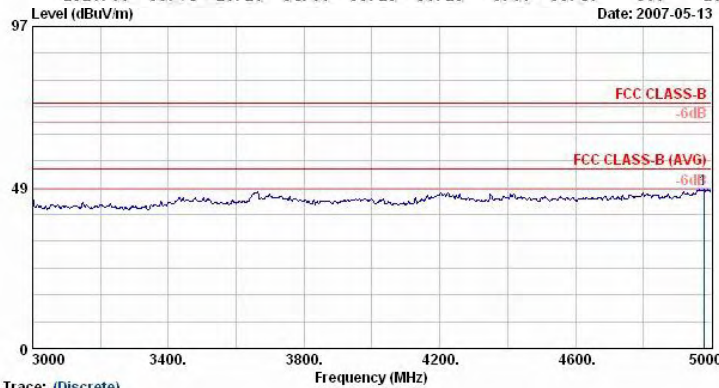
Trace: (Discrete)
 Site : 03CH06-HY
 Condition : LF-ANT(951121) VERTICAL
 EUT : Notebook+WCDMA
 Power : 120Vac/60Hz
 Model : FR 6D2906
 Memo : 11n(a) Tx_CH38;5190MHz
 Data Rate : 40

	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	Ant	Table	Remark	
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1 @	393.80	42.03	-3.97	46.00	54.21	15.61	3.07	30.87	100	341	Peak
2	430.90	38.09	-7.91	46.00	49.39	16.27	3.26	30.83	---	---	Peak
3	497.40	36.87	-9.13	46.00	46.78	17.38	3.50	30.79	---	---	Peak



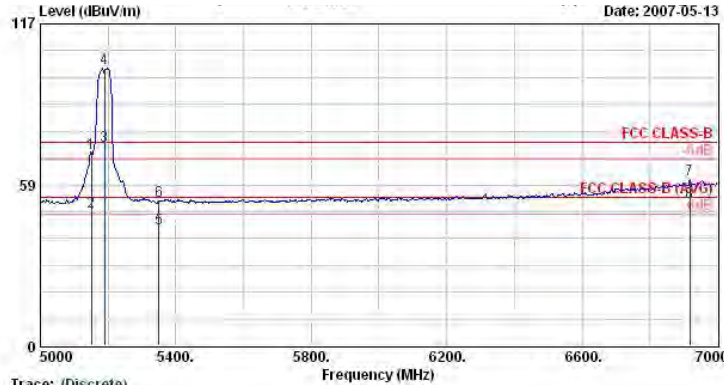
Trace: (Discrete)
 Site : 03CR06-HY
 Condition : HF-ANT-060410 VERTICAL
 EUT : Notebook+WCDMA
 Power : 120Vac/60Hz
 Model : FR 6D2906
 Memo : 11n(a) Tx_CH38;5190MHz
 Data Rate : 40

	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	Ant	Table	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1	1658.00	61.89	-12.11	74.00	66.96	27.43	3.03	35.53	100	360 Peak
2	1658.00	35.31	-18.69	54.00	40.38	27.43	3.03	35.53	100	249 Average
3	1994.00	59.83	-14.17	74.00	61.73	29.97	3.30	35.17	100	360 Peak
4	1994.00	39.45	-14.55	54.00	41.35	29.97	3.30	35.17	100	83 Average
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



Trace: (Discrete)
 Site : 03CR06-HY
 Condition : HF-ANT-060410 VERTICAL
 EUT : Notebook+WCDMA
 Power : 120Vac/60Hz
 Model : FR 6D2906
 Memo : 11n(a) Tx_CH38;5190MHz
 Data Rate : 40

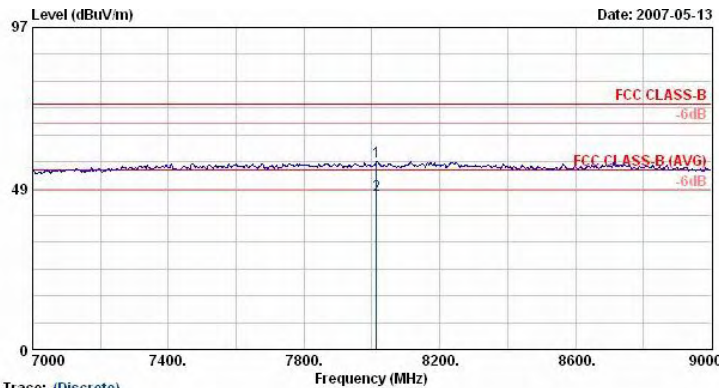
	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	Ant	Table	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1	4978.00	47.96	-26.04	74.00	44.73	33.53	5.94	36.25	---	---



Trace: (Discrete)
 Site : 03CR06-HY
 Condition : RF-ANT-060410 VERTICAL
 EUT : Notebook+WCDMA
 Power : 120Vac/60Hz
 Model : FR 6D2906
 Memo : 11n(a) Tx_CH38;5190MHz
 Data Rate : 40

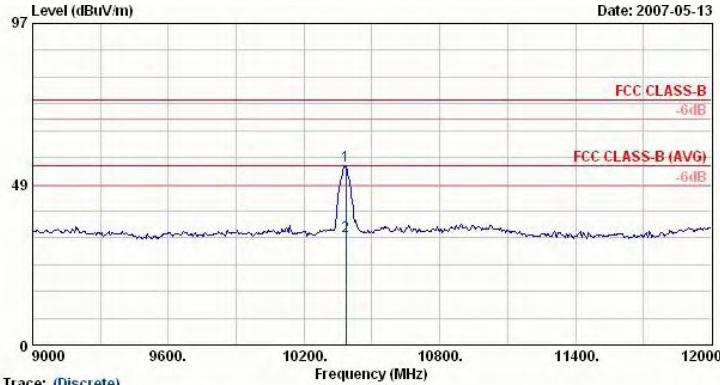
	Freq	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	
	MHz	dBuV/m	Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Remark
			dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1 @	5150.00	70.03	-3.97	74.00	66.41	33.60	6.21	36.19	100	0	Peak
2 @	5150.00	48.74	-5.26	54.00	45.12	33.60	6.21	36.19	112	284	Average
3 @	5190.00	72.64			68.90	33.60	6.32	36.18	112	284	Average
4 @	5190.00	100.83			97.07	33.60	6.32	36.16	100	0	Peak
5	5350.00	42.78	-11.22	54.00	38.67	33.60	6.59	36.08	112	284	Average
6	5350.00	52.42	-21.58	74.00	48.31	33.60	6.59	36.08	100	0	Peak
7	6918.00	60.64	-13.36	74.00	51.27	37.33	7.79	35.74	100	0	Peak
8 @	6918.00	52.14	-1.86	54.00	42.76	37.33	7.79	35.74	197	6	Average

Remark: #3 and #4 Fundamental Signal



Trace: (Discrete)
 Site : 03CR06-HY
 Condition : RF-ANT-060410 VERTICAL
 EUT : Notebook+WCDMA
 Power : 120Vac/60Hz
 Model : FR 6D2906
 Memo : 11n(a) Tx_CH38;5190MHz
 Data Rate : 40

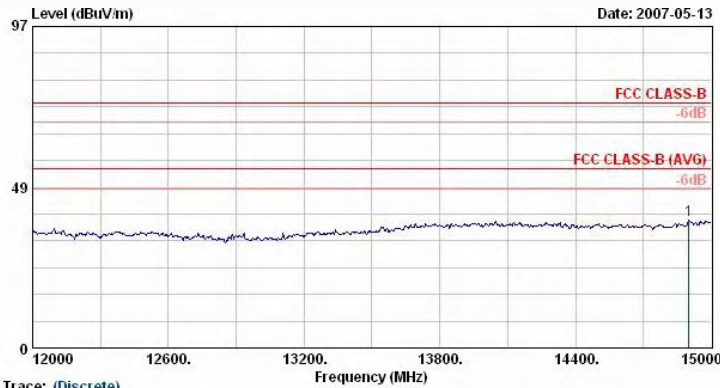
	Freq	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	
	MHz	dBuV/m	Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Remark
			dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	8014.00	56.74	-17.26	74.00	45.20	39.59	7.81	35.86	100	360	Peak
2	8014.00	46.58	-7.42	54.00	35.04	39.59	7.81	35.86	100	48	Average



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

Trace: (Discrete)

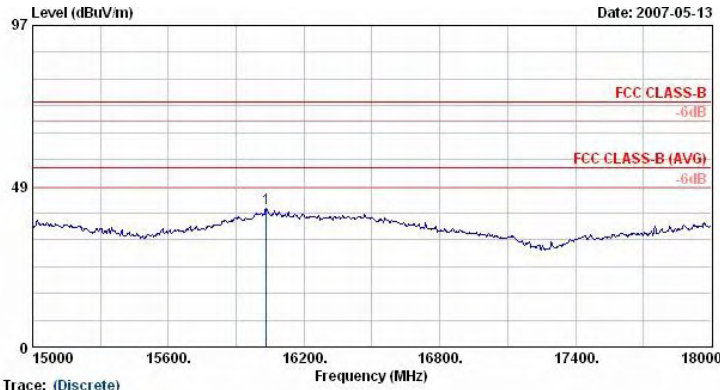
	Freq	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	10386.00	54.09	-19.91	74.00	89.93	-8.68	9.43	36.60	100	360	Peak
2	10386.00	32.75	-21.25	54.00	68.60	-8.68	9.43	36.60	138	177	Average



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

Trace: (Discrete)

	Freq	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	14901.00	38.61	-35.39	74.00	69.47	-6.28	11.34	35.93	---	---	Peak



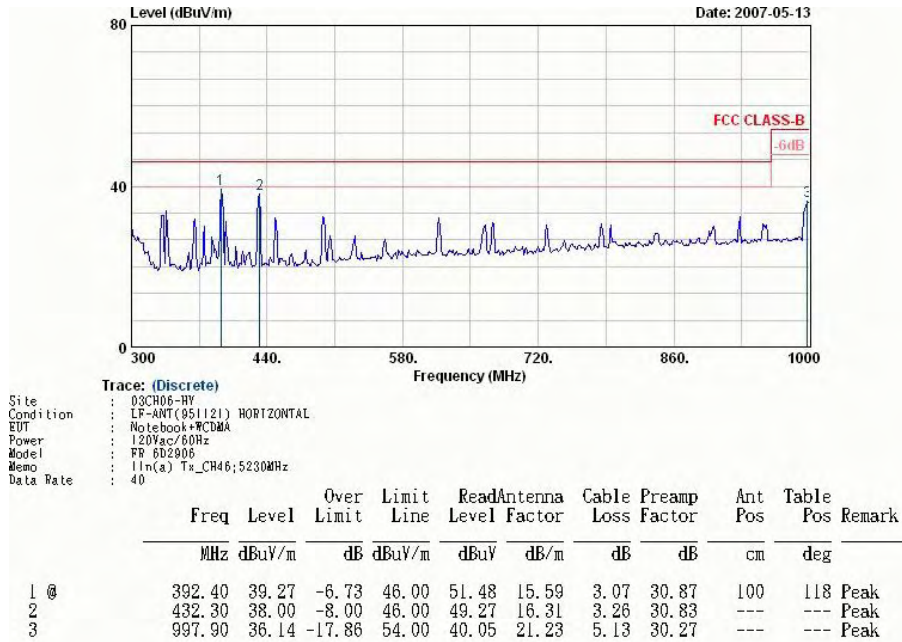
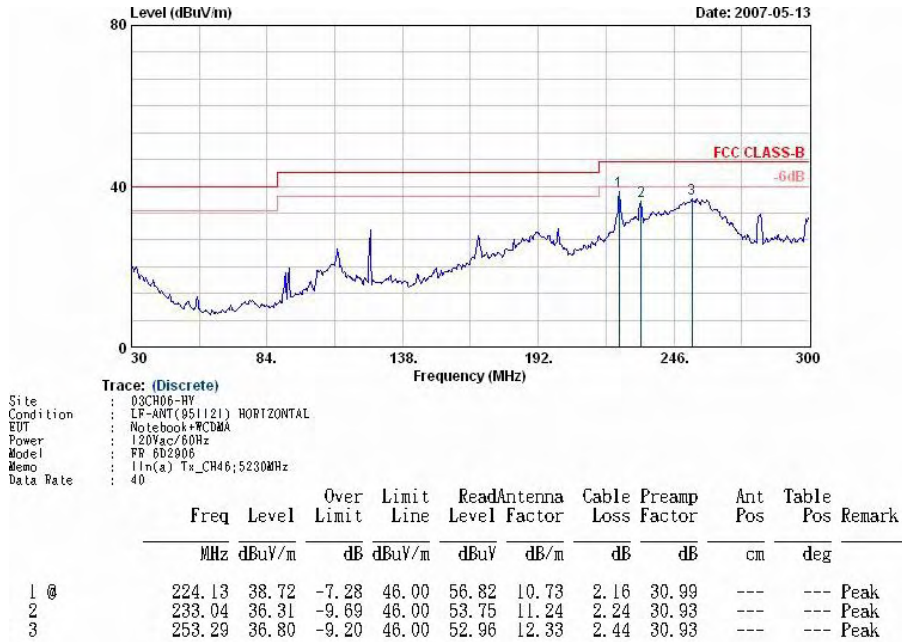
Trace: (Discrete)
 Site : 03CH06-HY
 Condition : HF-ANT(8-18)-060918 VERTICAL
 EUT : Notebook+PCDMA
 Power : 120Vac/60Hz
 Model : FR 6D2906
 Memo : 11n(a) Tx_CH38;5190MHz
 Data Rate : 40

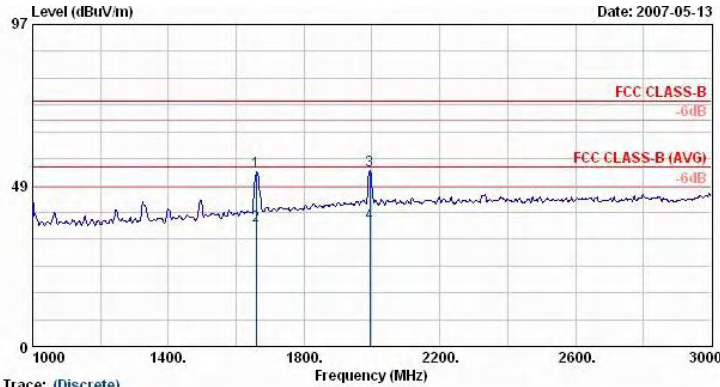
	Freq	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	16032.00	41.81	-32.19	74.00	70.43	-4.27	11.78	36.13	---	---	Peak

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

- Test Mode : Mode 8
 - Temperature : 24°C
 - Relative Humidity :53%
 - Test Engineer : Andrew
 - Polarization : Horizontal

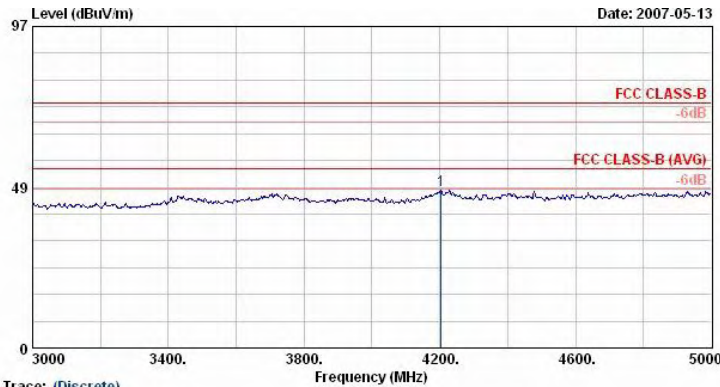
■ The test that passed at minimum margin was marked by the frame in the following table.





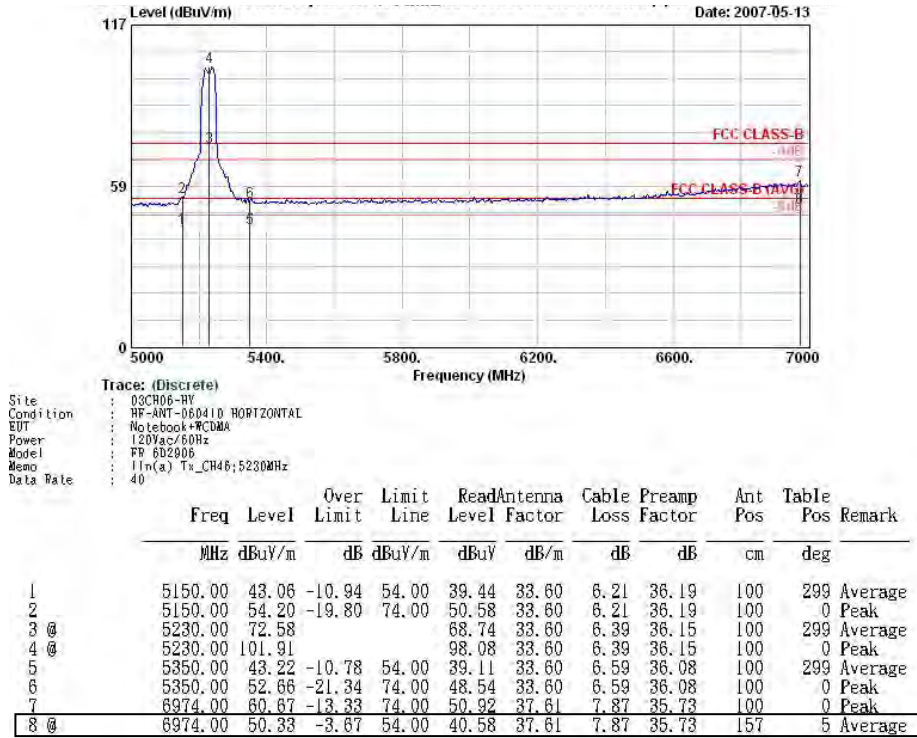
Trace: (Discrete)
 Site : 03CH06-HY
 Condition : HF-ANT-060410 HORIZONTAL
 EUT : Notebook+RCDMA
 Power : 120Vac/60Hz
 Model : FR 6D2906
 Memo : 11n(a) Tx_CH46;5230MHz
 Data Rate : 40

	Freq	Level	Over	Limit	Limit	Read	Antenna	Cable	Preamp	Ant	Table	
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	dB	cm	deg	Remark
1	1658.00	52.78	-21.22	74.00	57.86	27.43	3.03	35.53	100		0	Peak
2	1658.00	36.31	-17.69	54.00	41.38	27.43	3.03	35.53	100		11	Average
3	1994.00	53.02	-20.98	74.00	54.92	29.97	3.30	35.17	100		0	Peak
4	1994.00	37.22	-16.78	54.00	39.12	29.97	3.30	35.17	100		183	Average

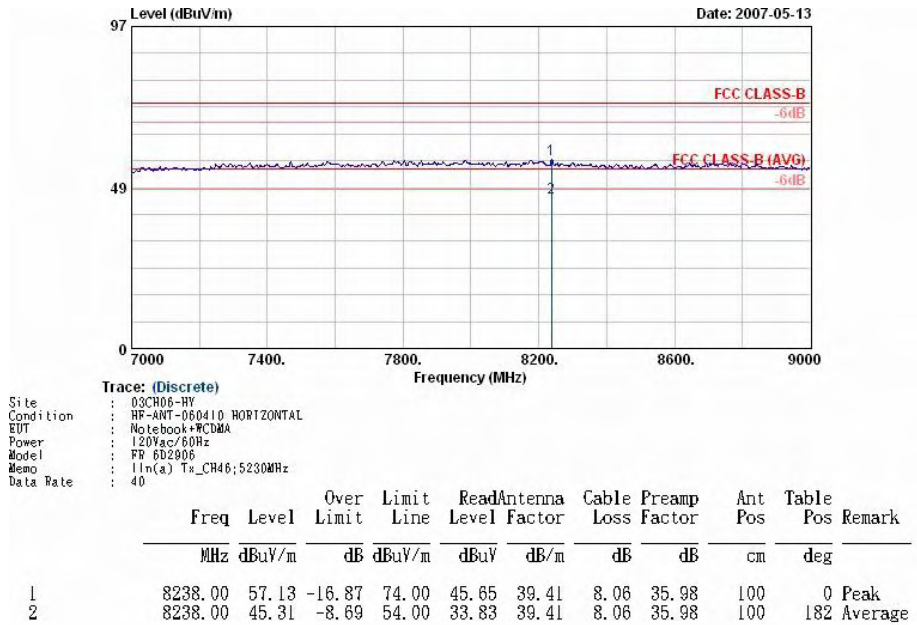


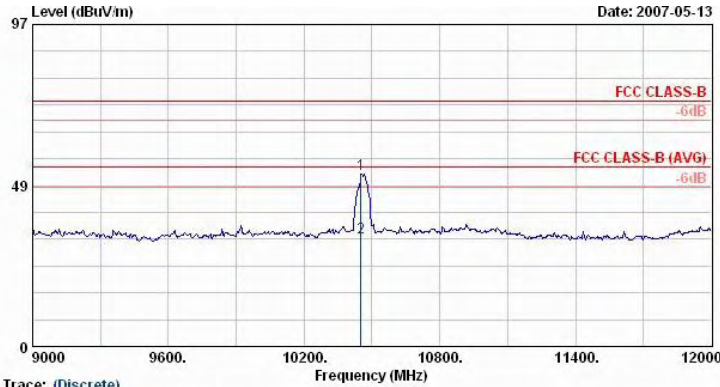
Trace: (Discrete)
 Site : 03CH06-HY
 Condition : HF-ANT-060410 HORIZONTAL
 EUT : Notebook+RCDMA
 Power : 120Vac/60Hz
 Model : FR 6D2906
 Memo : 11n(a) Tx_CH46;5230MHz
 Data Rate : 40

	Freq	Level	Over	Limit	Limit	Read	Antenna	Cable	Preamp	Ant	Table	
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	dB	cm	deg	Remark
1	4204.00	47.74	-26.26	74.00	46.86	31.28	5.33	35.73	---	---	---	Peak



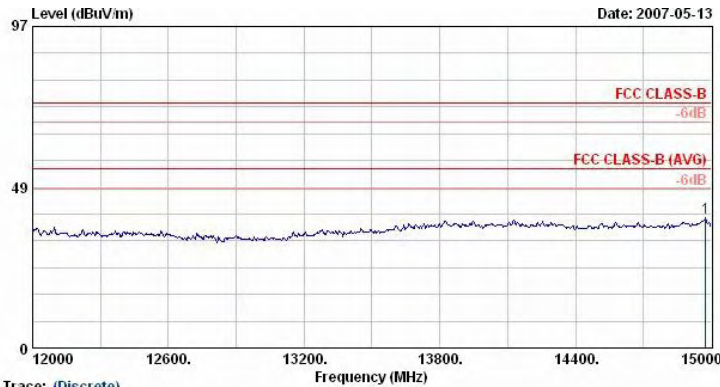
Remark: #3 and #4 Fundamental Signal





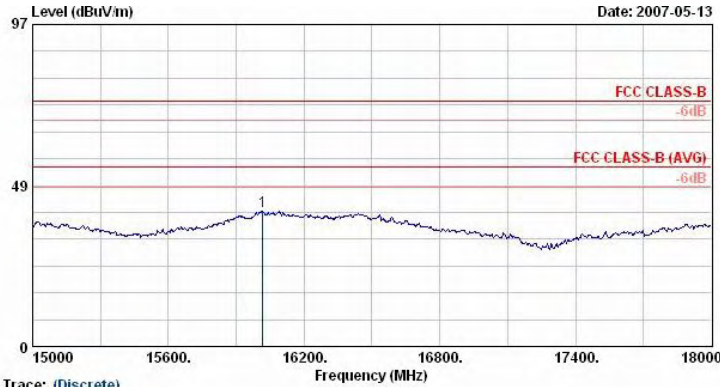
Trace: (Discrete)
 Site : 03CH06-HY
 Condition : HF-ANT(8-18)-060918 HORIZONTAL
 EUT : Notebook+PCDMA
 Power : 120Vac/60Hz
 Model : FR 6D2906
 Memo : 11n(a) Tx_CH46;5230MHz
 Data Rate : 40

	Freq MHz	Level dBuV/m	Over Limit dB	Limit Line dBuV/m	Read Level dBuV	Antenna Factor dB/m	Cable Loss dB	Preamp Factor dB	Ant Pos cm	Table Pos deg	Remark
1	10452.00	51.99	-22.01	74.00	87.74	-8.58	9.46	36.63	100	0	Peak
2	10452.00	32.83	-21.17	54.00	68.58	-8.58	9.46	36.63	100	63	Average



Trace: (Discrete)
 Site : 03CH06-HY
 Condition : HF-ANT(8-18)-060918 HORIZONTAL
 EUT : Notebook+PCDMA
 Power : 120Vac/60Hz
 Model : FR 6D2906
 Memo : 11n(a) Tx_CH46;5230MHz
 Data Rate : 40

	Freq MHz	Level dBuV/m	Over Limit dB	Limit Line dBuV/m	Read Level dBuV	Antenna Factor dB/m	Cable Loss dB	Preamp Factor dB	Ant Pos cm	Table Pos deg	Remark
1	14976.00	39.19	-34.81	74.00	70.14	-6.22	11.27	36.01	---	---	Peak

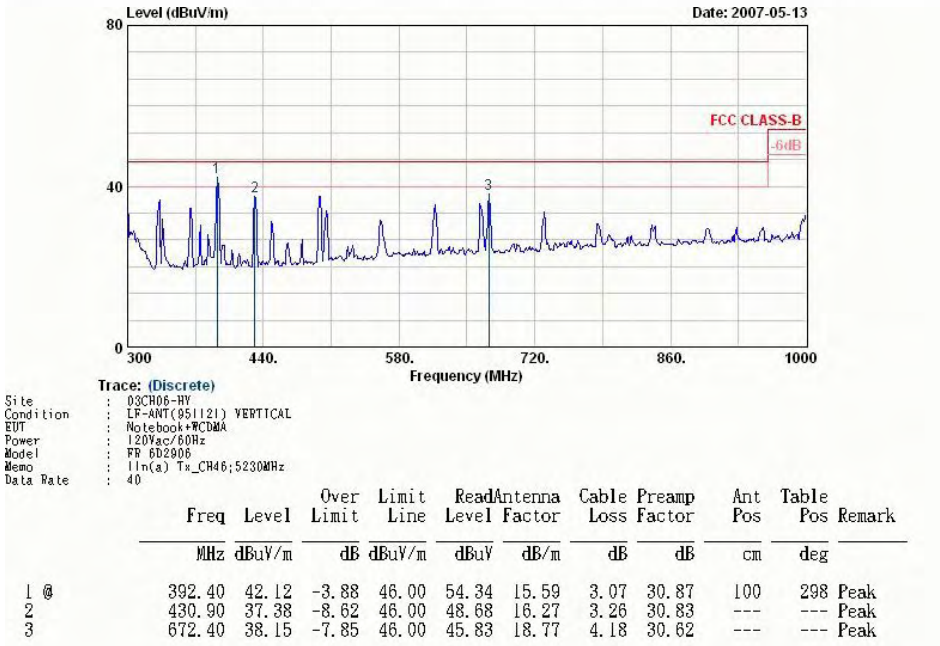
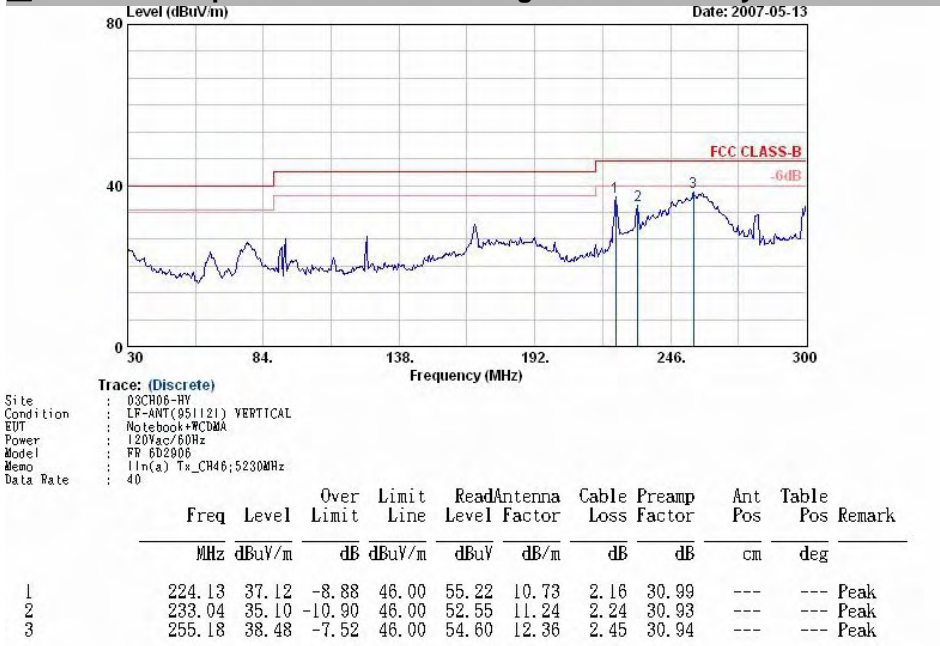


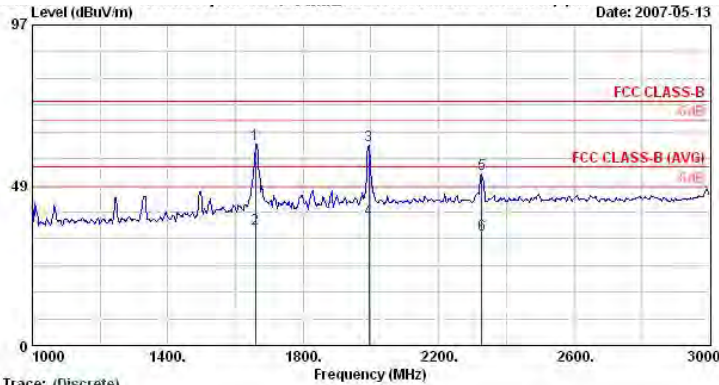
Trace: (Discrete)
 Site : 03CH06-HY
 Condition : HF-ANT(8-18)-060918 HORIZONTAL
 EUT : Notebook+WCDMA
 Power : 120Vac/60Hz
 Model : FR 6D2906
 Memo : 11n(a) Tx_CH46;5230MHz
 Data Rate : 40

	Freq MHz	Level dBuV/m	Over Limit dB	Limit Line dBuV/m	ReadAntenna		Cable Preamp		Ant Pos cm	Table Pos deg	Remark
					Level	Factor	Loss	Factor			
1	16017.00	40.77	-33.23	74.00	69.27	-4.15	11.77	36.13	---	---	Peak

- Polarization : Vertical

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

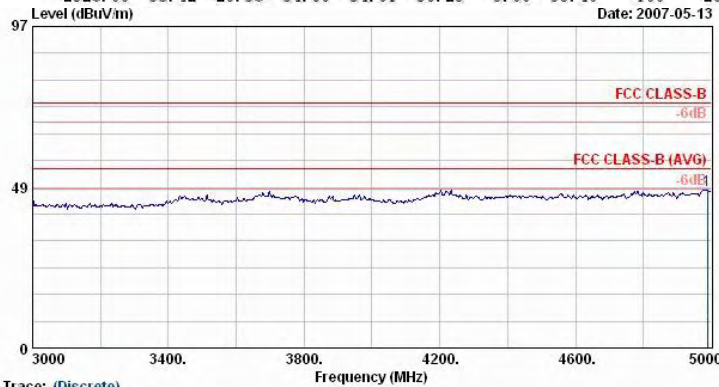




Site : 03CR06-HY
 Condition : HF-ANT-060410 VERTICAL
 EUT : Notebook+PCDMA
 Power : 120Vac/50Hz
 Model : FR 6D2906
 Memo : 11n(a) Tx_CH46;5230MHz
 Data Rate : 40

Trace: (Discrete)

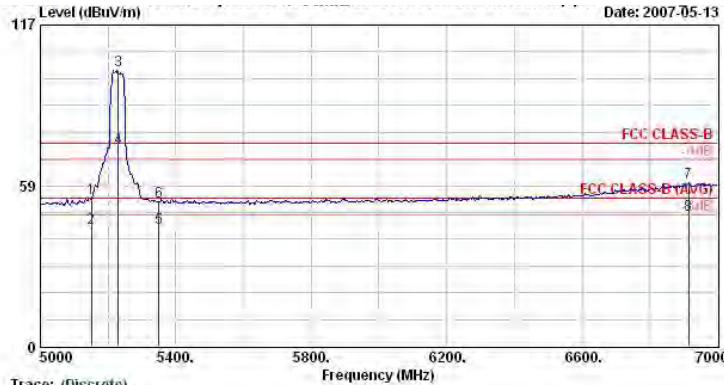
	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	Ant	Table	Remark
	MHz	dBuV/m	Limit	Line	Level	Factor	Loss	Pos	Pos	
			dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1	1658.00	60.89	-13.11	74.00	65.97	27.43	3.03	35.53	100	0 Peak
2	1658.00	35.46	-18.54	54.00	40.53	27.43	3.03	35.53	100	239 Average
3	1994.00	60.59	-13.41	74.00	62.49	29.97	3.30	35.17	100	0 Peak
4	1994.00	38.39	-15.61	54.00	40.29	29.97	3.30	35.17	100	95 Average
5	2328.00	52.03	-21.97	74.00	53.51	30.23	3.69	35.40	100	0 Peak
6	2328.00	33.42	-20.58	54.00	34.91	30.23	3.69	35.40	100	262 Average



Site : 03CR06-HY
 Condition : HF-ANT-060410 VERTICAL
 EUT : Notebook+PCDMA
 Power : 120Vac/50Hz
 Model : FR 6D2906
 Memo : 11n(a) Tx_CH46;5230MHz
 Data Rate : 40

Trace: (Discrete)

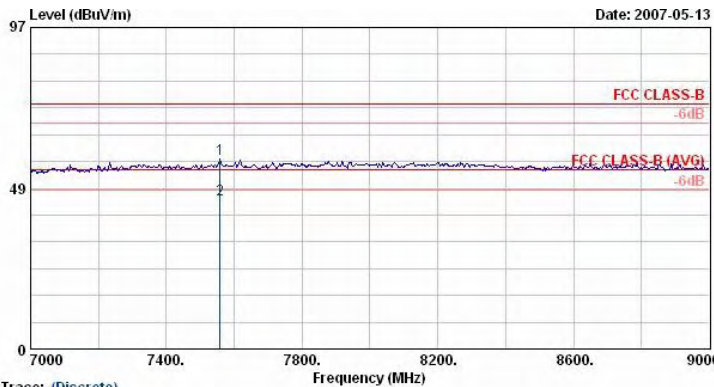
	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	Ant	Table	Remark
	MHz	dBuV/m	Limit	Line	Level	Factor	Loss	Pos	Pos	
			dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1	4988.00	47.67	-26.33	74.00	44.37	33.60	5.96	36.25	---	---



Trace: (Discrete)
 Site : 03CH06-HY
 Condition : HF-ANT-060410 VERTICAL
 EUT : Notebook+RCDMA
 Power : 120Vac/60Hz
 Model : FR 6D2906
 Memo : 11n(a) Tx_CH46;5230MHz
 Data Rate : 40

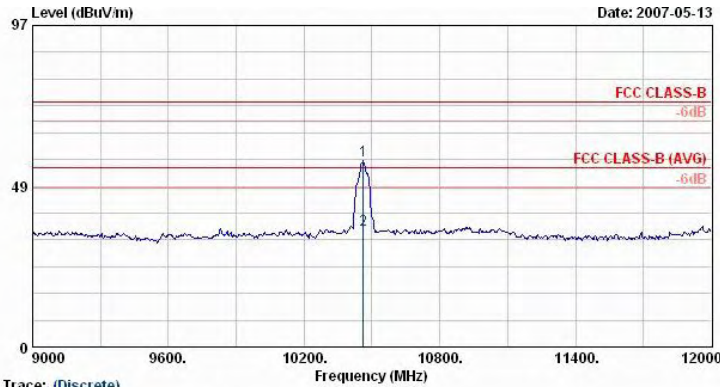
	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	Ant	Table	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1	5150.00	53.76	-20.24	74.00	50.14	33.60	6.21	36.19	100	360 Peak
2	5150.00	42.91	-11.09	54.00	39.29	33.60	6.21	36.19	109	284 Average
3 @	5230.00	100.66			96.87	33.60	6.35	36.16	100	360 Peak
4 @	5230.00	72.25			68.41	33.60	6.39	36.15	109	284 Average
5	5350.00	42.99	-11.01	54.00	38.88	33.60	6.59	36.08	109	284 Average
6	5350.00	52.71	-21.29	74.00	48.60	33.60	6.59	36.08	100	360 Peak
7	6914.00	59.47	-14.53	74.00	50.10	37.33	7.79	35.74	100	360 Peak
8 @	6914.00	48.05	-5.95	54.00	38.67	37.33	7.79	35.74	100	213 Average

Remark: #3 and #4 Fundamental Signal



Trace: (Discrete)
 Site : 03CH06-HY
 Condition : HF-ANT-060410 VERTICAL
 EUT : Notebook+RCDMA
 Power : 120Vac/60Hz
 Model : FR 6D2906
 Memo : 11n(a) Tx_CH46;5230MHz
 Data Rate : 40

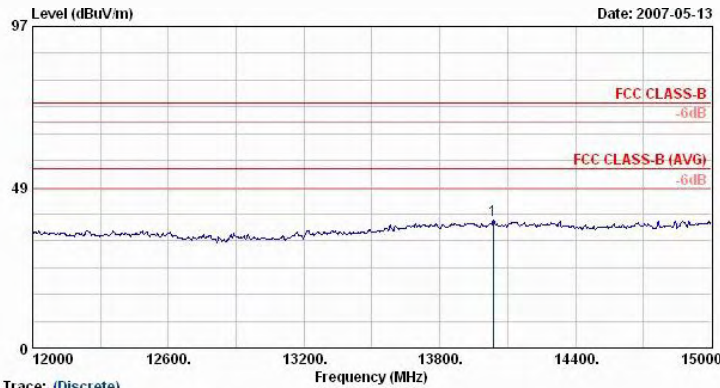
	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	Ant	Table	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1	7558.00	57.28	-16.72	74.00	46.69	38.99	7.63	36.04	100	360 Peak
2	7558.00	45.20	-8.80	54.00	34.61	38.99	7.63	36.04	100	56 Average



Site : 03CH06-HY
 Condition : RF-ANT(8-18)-060918 VERTICAL
 EUT : Notebook+PCDMA
 Power : 120Vac/60Hz
 Model : FR 6D2906
 Memo : 11n(a) Tx_CH46;5230MHz
 Data Rate : 40

Trace: (Discrete)

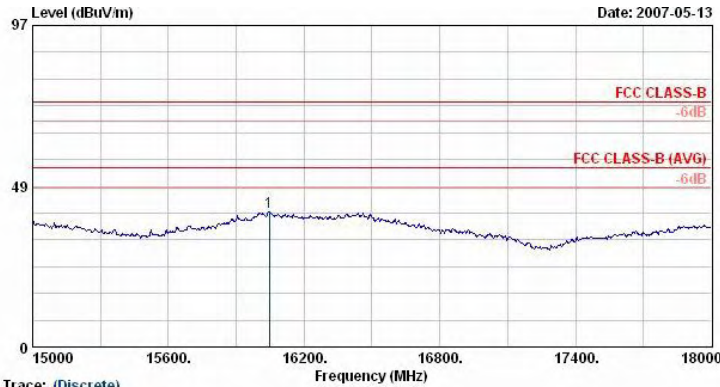
	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	Ant	Table	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1	10461.00	56.08	-17.92	74.00	91.80	-8.56	9.47	36.63	100	360 Peak
2	10461.00	35.30	-18.70	54.00	71.02	-8.56	9.47	36.63	100	188 Average



Site : 03CH06-HY
 Condition : RF-ANT(8-18)-060918 VERTICAL
 EUT : Notebook+PCDMA
 Power : 120Vac/60Hz
 Model : FR 6D2906
 Memo : 11n(a) Tx_CH46;5230MHz
 Data Rate : 40

Trace: (Discrete)

	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	Ant	Table	Remark	
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	14037.00	38.63	-35.37	74.00	67.72	-6.14	11.64	34.58	---	---	Peak



Trace: (Discrete)
 Site : 03CH06-HY
 Condition : HF-ANT(8-18)-060918 VERTICAL
 EUT : Notebook+PCDMA
 Power : 120Vac/60Hz
 Model : FR 6D2906
 Memo : 11n(a) Tx_CH46;5230MHz
 Data Rate : 40

	Freq	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	Remark
1	16047.00	40.64	-33.36	74.00	69.21	-4.52	11.78	35.83	---	---	Peak

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

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.

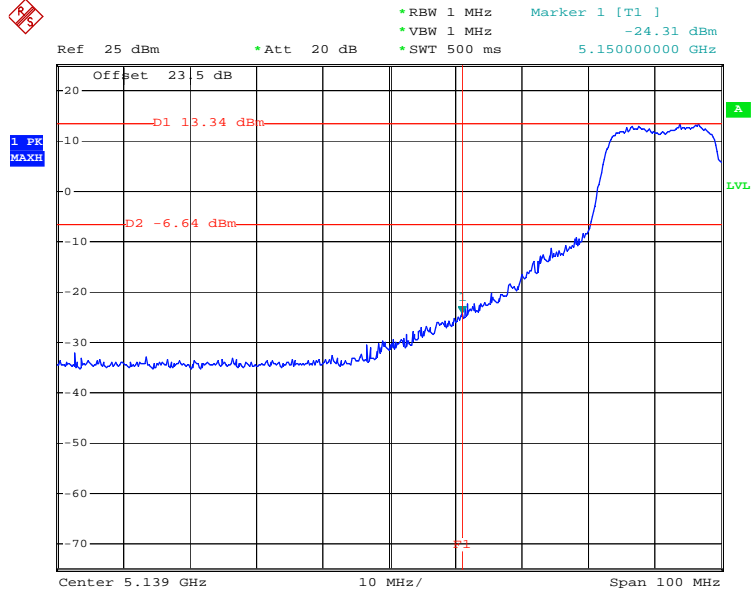
5.7.3 Test Result :

- Temperature : 23°C
- Relative Humidity :47%

Test Result Mode	Verdict
Test Result for 802.11a band I	: PASS
Test Result for 802.11n (BW 20M)	: PASS
Test Result for 802.11n (BW 40M)	: PASS

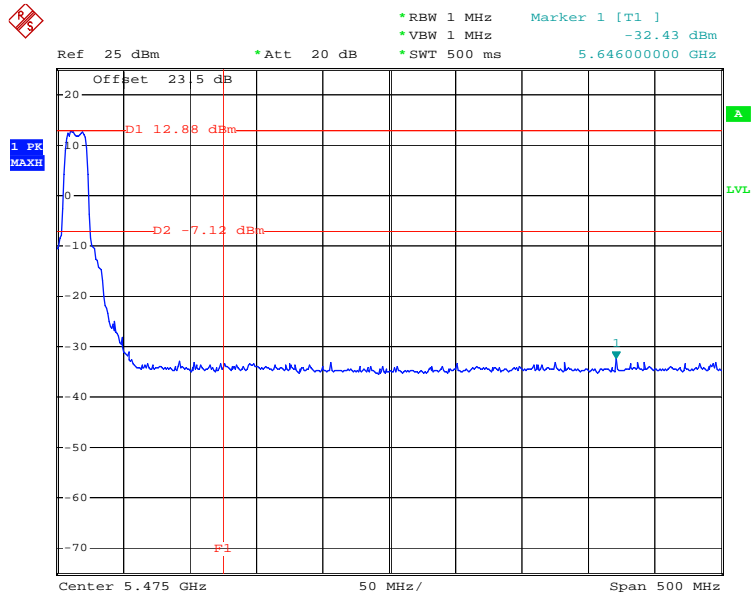
5.7.4 Test Data

802.11a CH36



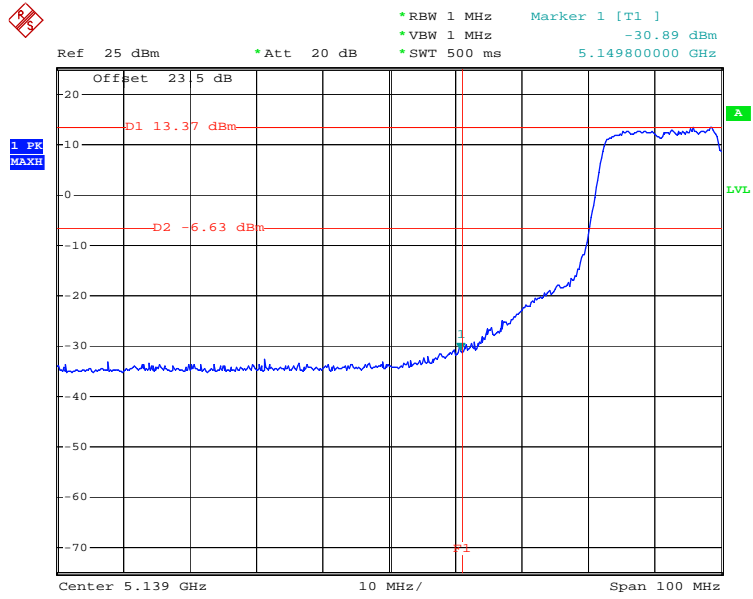
Date: 1.MAY.2007 20:22:35

802.11a CH48



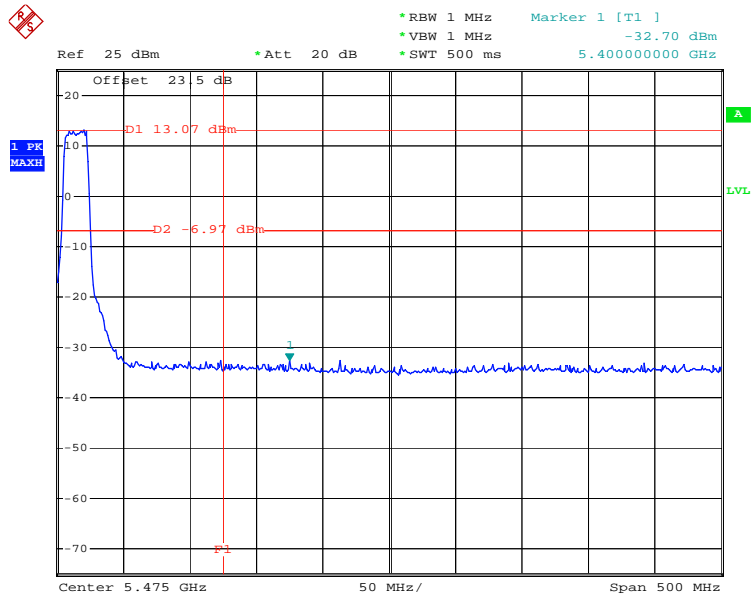
Date: 2.MAY.2007 12:15:03

802.11n CH36(BW 20M)



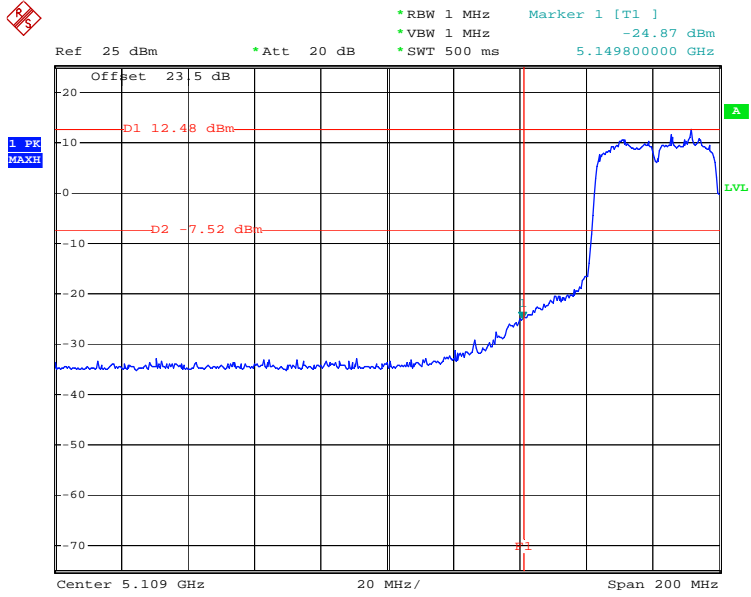
Date: 2.MAY.2007 11:42:28

802.11n CH48(BW 20M)



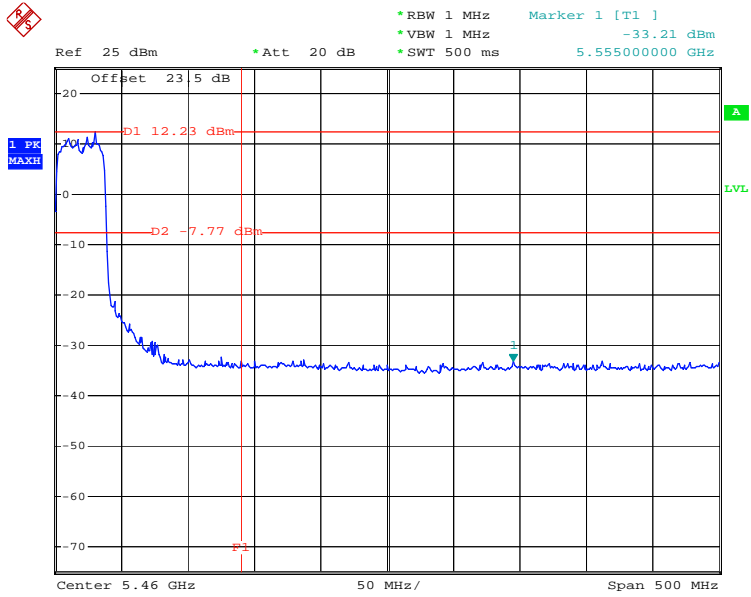
Date: 2.MAY.2007 12:22:48

802.11n CH38(BW 40M)



Date: 2.MAY.2007 11:51:07

802.11n CH46(BW 40M)



Date: 2.MAY.2007 12:17:25

5.7.5 EIRP Power

For transmitters operating in the 5150-5250 MHz band: all emissions outside of the 5150-5350 MHz band shall not exceed an EIRP of -27 dBm/MHz.

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
5150.00 MHz	64.50 dBuV/m	-35.50	-8.50	-27.00
5150.00 MHz	70.03 dBuV/m	-29.97	-2.97	-27.00
5350.00 MHz	50.58 dBuV/m	-49.42	-22.42	-27.00
5350.00 MHz	52.74 dBuV/m	-47.26	-20.26	-27.00
5350.00 MHz	52.66 dBuV/m	-47.34	-20.34	-27.00
5150.00 MHz	69.07 dBuV/m	-30.93	-3.93	-27.00

5.8 Peak Excursion Ratio Measurement

5.8.1 Measuring Instruments :

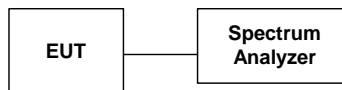
As described in chapter 6 of this test report.

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. First the video bandwidth is set to 1 MHz, Trace A is set to Max Hold, then to View. Then the video bandwidth is readjusted to 300 KHz, and the signal under this measurement condition is captured in Trace B.

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 : 23°C
- Relative Humidity :47%

➤ Application: 802.11a

Channel	Frequency (MHz)	Peak Excursion (dB)	Limits (dB)	Mode Ref. No.
36	5180	-8.63	13	1
44	5220	-9.04	13	2
48	5240	-9.43	13	3

➤ Application: 802.11n(20MHz)

Channel	Frequency (MHz)	Peak Excursion (dB)	Limits (dB)	Mode Ref. No.
36	5180	-9.56	13	4
44	5220	-10.95	13	5
48	5240	-12.32	13	6

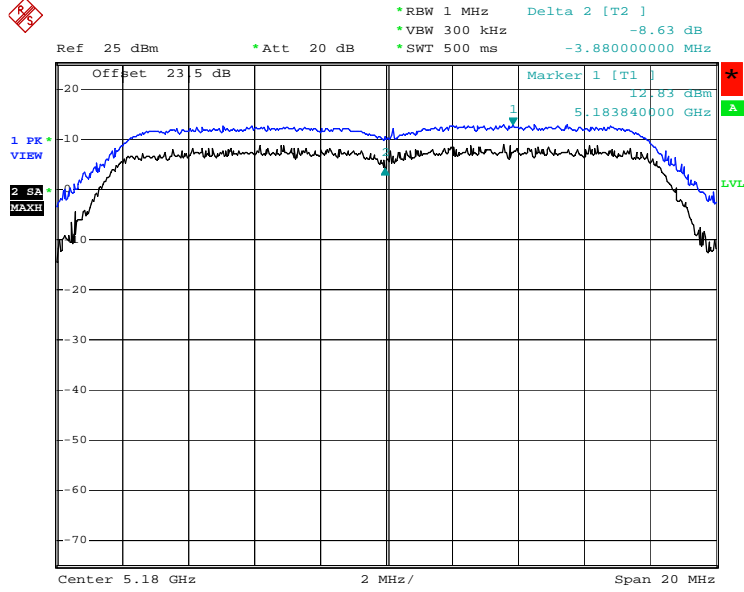
➤ Application: 802.11n(40MHz)

Channel	Frequency (MHz)	Peak Excursion (dB)	Limits (dB)	Mode Ref. No.
38	5190	-13.49	13	7
46	5230	-15.13	13	8

5.8.5 Test Data

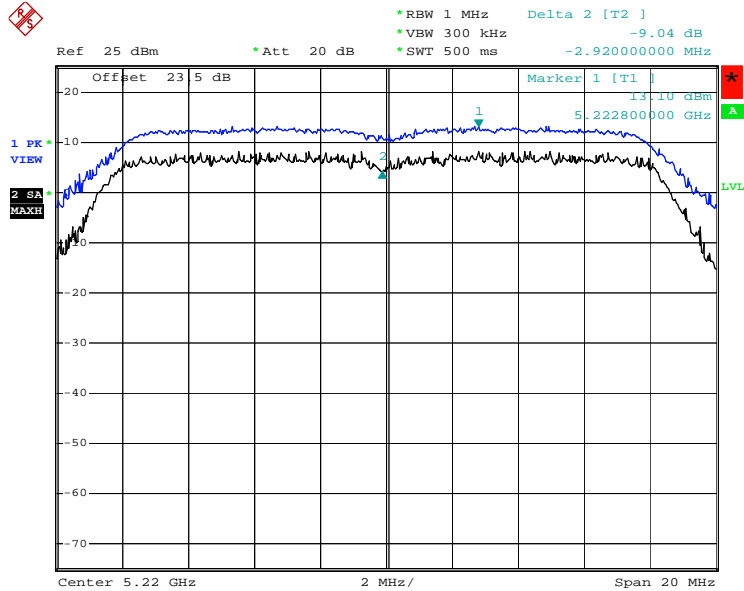
Mode Ref. No.

1



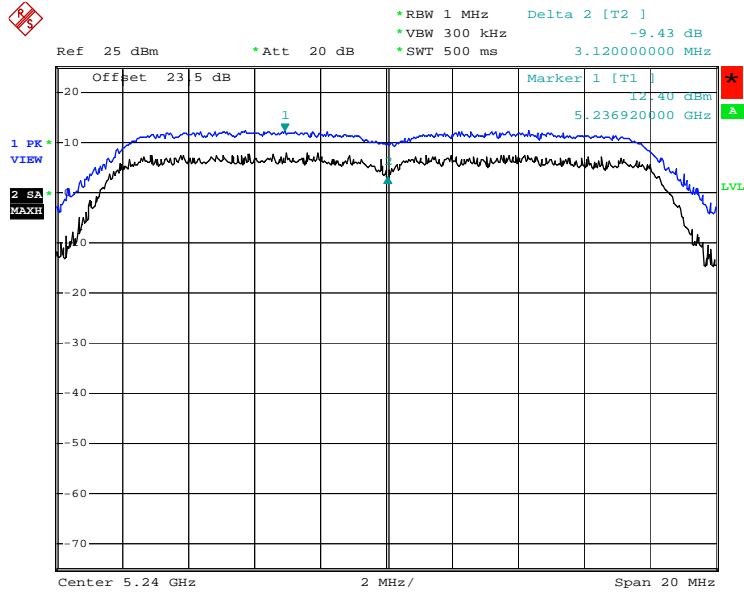
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2



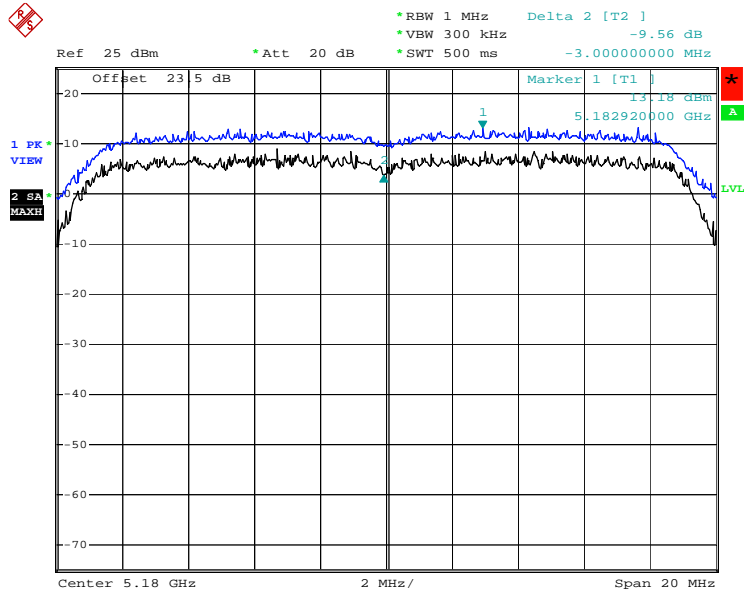
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3



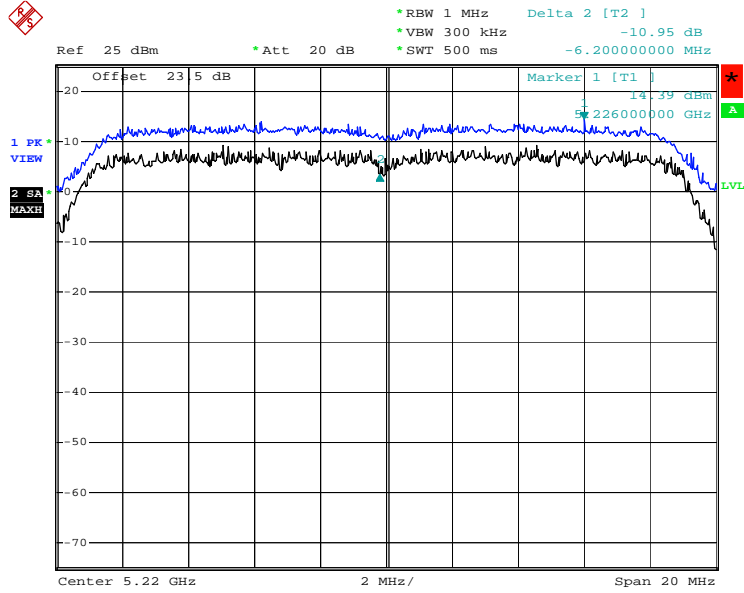
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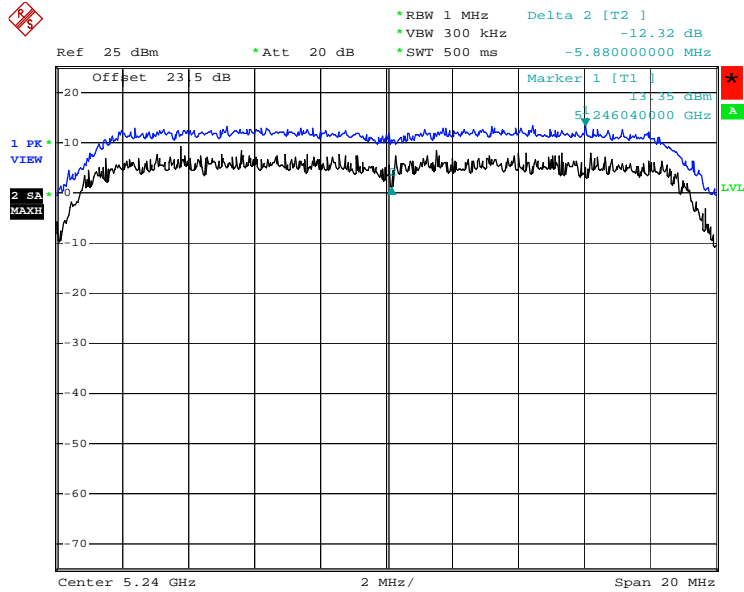
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5



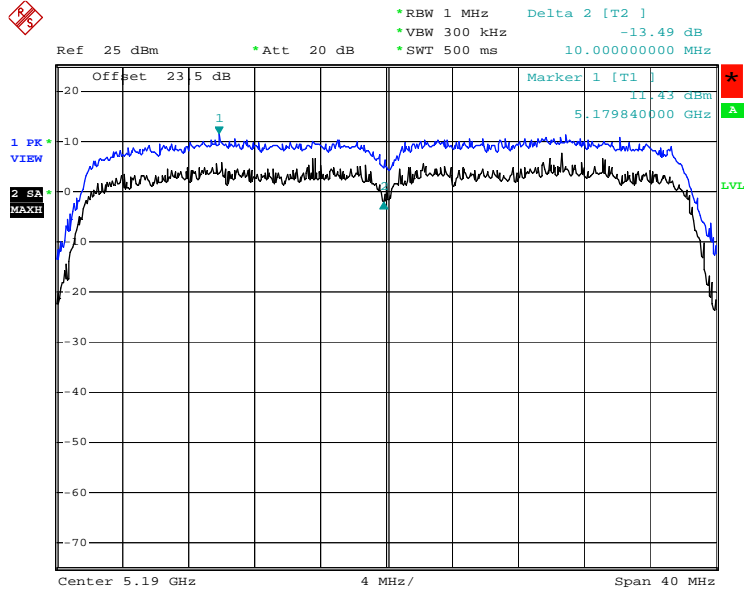
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6



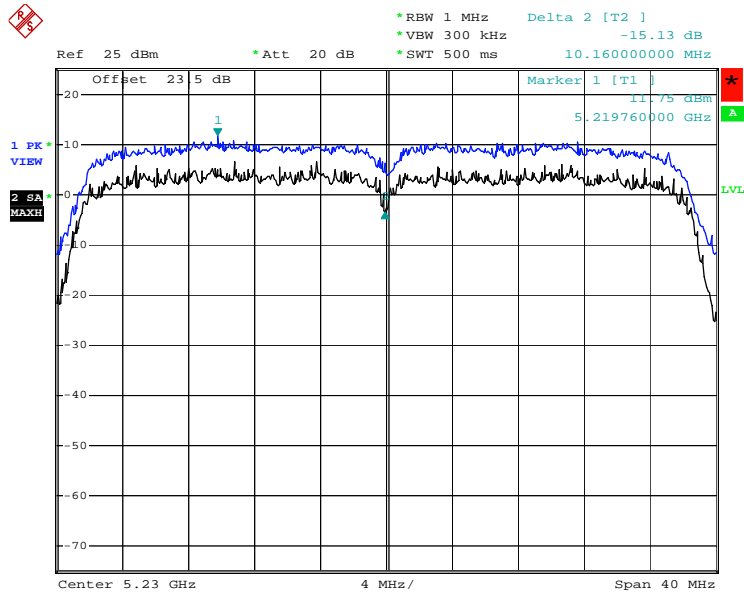
Date: 1.MAY.2007 20:13:51

7



Date: 1.MAY.2007 20:15:32

8



Date: 1.MAY.2007 20:16:42

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.

➤ Application: 802.11a

Frequency(MHz)	Low Frequency (Fl)	High Frequency (Fh)	Center Frequency (Fc)	Frequency Stability (ppm)
5180	5171.72	5188.28	5180	0.00
5220	5211.68	5228.32	5220	0.00
5240	5231.72	5248.32	5240.02	0.02

➤ Application: 802.11n(20MHz)

Frequency(MHz)	Low Frequency (Fl)	High Frequency (Fh)	Center Frequency (Fc)	Frequency Stability (ppm)
5180	5171.08	5188.92	5180	0.00
5220	5211.08	5228.92	5220	0.00
5240	5231.08	5248.92	5240	0.00

➤ Application: 802.11n(40MHz)

Frequency(MHz)	Low Frequency (Fl)	High Frequency (Fh)	Center Frequency (Fc)	Frequency Stability (ppm)
5190	5171.76	5208.24	5190	0.00
5230	5211.76	5248.24	5230	0.00

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)
ISN	SCHAFFNER	ISN T400	21653	9kHz –30MHz	Mar. 27, 2007	Mar. 27, 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)

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		$u(x_i)$	C_i	$C_i * u(x_i)$
	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 $\Gamma_1 = 0.197$ Antenna VSWR $\Gamma_2 = 0.194$ Uncertainty = $20 \log(1 - \Gamma_1 * \Gamma_2 * \Gamma_3)$	+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				