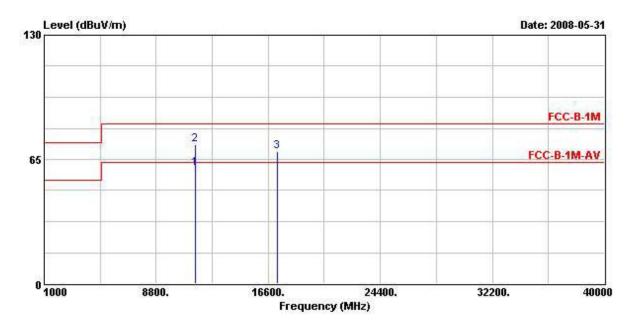
### For Two Chain:

Test date	May 31, 2008	Test Site No.	03CH03-HY
Temperature	26	Humidity	54%
Test Engineer	Duncan	Configuration	5G 802.11n CH 149 (20MHz)

#### Horizontal



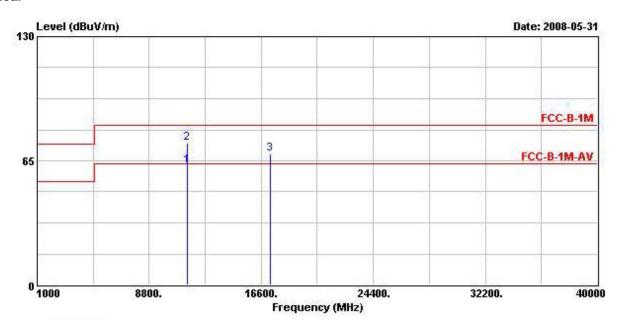
			Over	Limit	Readi	Antenna	Cable	Preamp	
	Freq	Level	Limit	Line	Level	Factor	Loss	Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	3
10	11489.560	60.25	-3.29	63.54	46.11	39.68	6.78	32.31	AVERAGE
2	11489.560	72.86	-10 68	83.54	58.72	39.68	6.78	32.31	Peak
3	17235.000	69.33			46.81	43.26	7.80	28.55	PEAK

Note: An item 3 is on un-restricted band, so the limit is -20dB for the field strength of the fundamental emissions (see section 3.6.7).

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	Freq	Level	Over Limit			Antenna Factor			Remark
	-		A SCHOOL STATE	A ANGERGA	USES SELECTED				
	MHz	dBuV/m	<b>dB</b>	dBuV/m	dBuV	dB/m	dB	dB	
10	11489.120	62.18	-1.36	63.54	48.04	39.68	6.78	32.31	AVERAGE
2	11489.120	74.22	-9.32	83.54	60.08	39.68	6.78	32.31	Peak
3	17235.000	68.73			46.21	43.26	7.80	28.55	PEAK

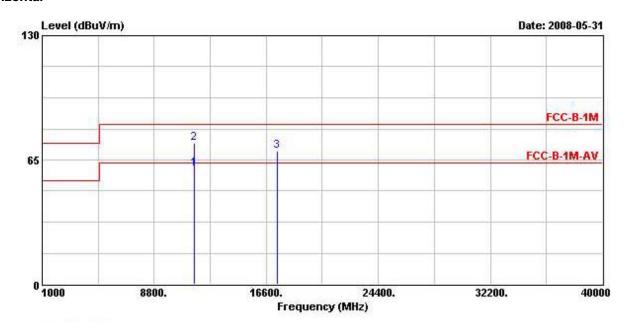
Note: An item 3 is on un-restricted band, so the limit is -20dB for the field strength of the fundamental emissions (see section 3.6.7).

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Test date	May 31, 2008	Test Site No.	03CH03-HY
Temperature	26	Humidity	54%
Test Engineer	Duncan	Configuration	5G 802.11n CH 157 (20MHz)



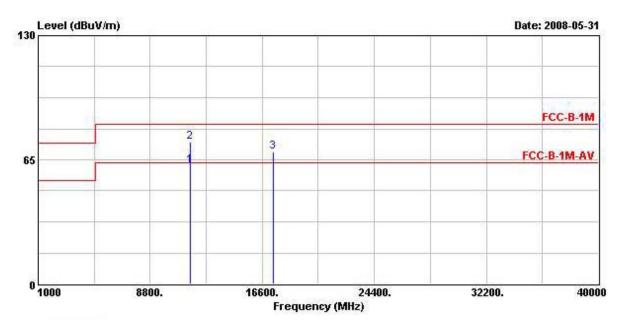
			Over	Limit	Readi	Antenna	Cable	Preamp	
	Freq	Level	Limit	Line	Level	Factor	Loss	Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
10	11570.800	60.59	-2.95	63.54	46.80	39.63	6.68	32.52	AVERAGE
2	11570.800	73.65	-9.89	83.54	59.86	39.63	6.68	32.52	Peak
3	17355.000	69.58			46.08	44.24	7.82	28.56	PEAK

Note: An item 3 is on un-restricted band, so the limit is -20dB for the field strength of the fundamental emissions (see section 3.6.7).

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		No.	Over			Antenna			
	Freq	Level	Limit	Line	Level	Factor	Loss	Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	-
1 @	11569.760	61.73	-1.81	63.54	47.94	39.63	6.68	32.52	AVERAGE
2	11569.760	74.10	-9.44	83.54	60.31	39.63	6.68	32.52	Peak
3	17355.000	69.08			45.58	44.24	7.82	28.56	PEAK

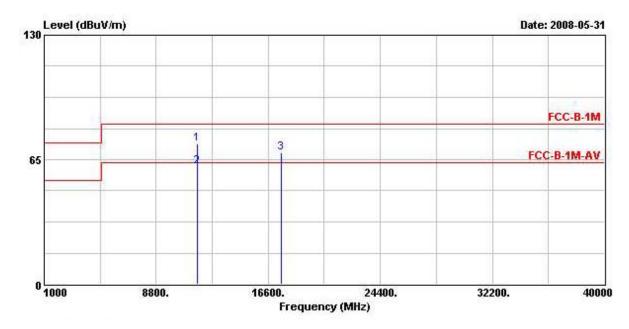
Note: An item 3 is on un-restricted band, so the limit is -20dB for the field strength of the fundamental emissions (see section 3.6.7).

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Test date	May 31, 2008	Test Site No.	03CH03-HY
Temperature	26	Humidity	54%
Test Engineer	Duncan	Configuration	5G 802.11n CH 165 (20MHz)



		Over	Limit	Readi	Antenna	Cable	Preamp	
Freq	Level	Limit	Line	Level	Factor	Loss	Factor	Remark
MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	-
11653.920	73.39	-10.15	83.54	59.86	39.54	6.57	32.59	PEAK
11653.920	61.60	-1.94	63.54	48.08	39.54	6.57	32.59	Average
17475.000	68.40			43.91	45.22	7.84	28.57	PEAK
	MHz 11653.920 11653.920	MHz dBuV/m 11653.920 73.39 11653.920 61.60	MHz dBuV/m dB  11653.920 73.39 -10.15 11653.920 61.60 -1.94	Hreq Level Limit Line  MHz dBuV/m dB dBuV/m  11653.920 73.39 -10.15 83.54 11653.920 61.60 -1.94 63.54	Hreq Level Limit Line Level  MHz dBuV/m dB dBuV/m dBuV  11653.920 73.39 -10.15 83.54 59.86 11653.920 61.60 -1.94 63.54 48.08	Hreq Level Limit Line Level Factor  MHz dBuV/m dB dBuV/m dBuV dB/m  11653.920 73.39 -10.15 83.54 59.86 39.54 11653.920 61.60 -1.94 63.54 48.08 39.54	Freq         Level         Limit         Line         Level         Factor         Loss           MHz         dBuV/m         dB         dBuV/m         dBuV dB/m         dB/m         dB           11653.920         73.39         -10.15         83.54         59.86         39.54         6.57           11653.920         61.60         -1.94         63.54         48.08         39.54         6.57	11653.920 73.39 -10.15 83.54 59.86 39.54 6.57 32.59 11653.920 61.60 -1.94 63.54 48.08 39.54 6.57 32.59

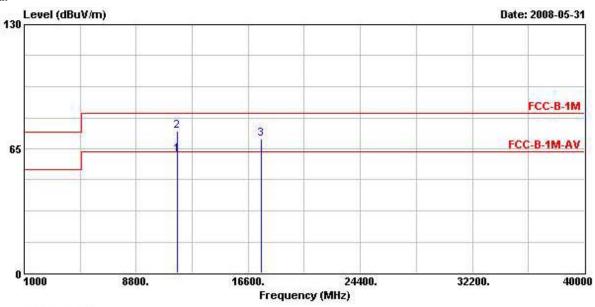
Note: An item 3 is on un-restricted band, so the limit is -20dB for the field strength of the fundamental emissions (see section 3.6.7).

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			Over	Limit	Readi	Antenna	Cable	Preamp	
	Freq	Level	Limit	Line	Level	Factor	Loss	Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	S.
10	11648.220	61.92	-1.62	63.54	48.38	39.56	6.57	32.59	AVERAGE
2	11648.220	74.08	-9.46	83.54	60.54	39.56	6.57	32.59	Peak
3	17475.000	70.00			45.51	45.22	7.84	28.57	PEAK

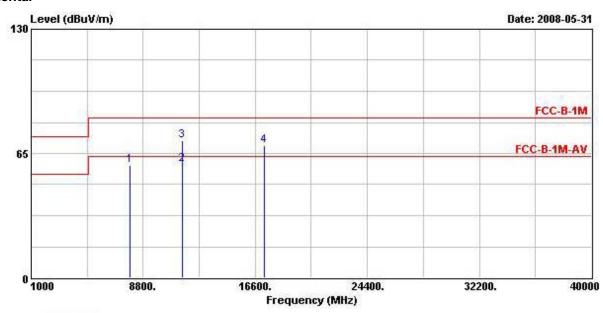
Note: An item 3 is on un-restricted band, so the limit is -20dB for the field strength of the fundamental emissions (see section 3.6.7).

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Test date	May 31, 2008	Test Site No.	03CH03-HY
Temperature	26	Humidity	54%
Test Engineer	Duncan	Configuration	5G 802.11n CH 151 (40MHz)



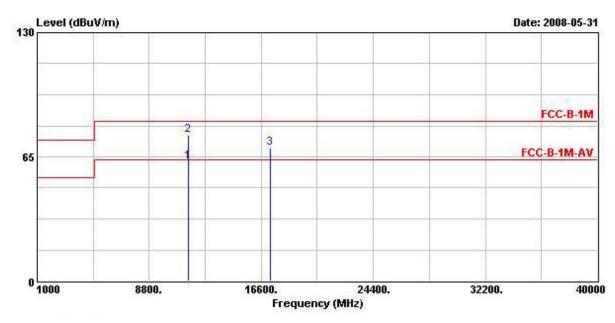
			0ver	Limit	Readi	Antenna	Cable	Preamp	
	Freq	Level	Limit	Line	Level	Factor	Loss	Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dВ	dB	4
1	7863.000	58.88			49.41	37.67	4.65	32.85	PEAK
2 @	11510.700	59.08	-4.46	63.54	45.10	39.70	6.73	32.45	AVERAGE
3	11510.700	71.86	-11.68	83.54	57.88	39.70	6.73	32.45	Peak
4	17265.000	68.88			46.08	43.54	7.81	28.55	PEAK

Note: An item 1 and 4 are on un-restricted band, so the limit is -20dB for the field strength of the fundamental emissions (see section 3.6.7).

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		Level	Over Limit	Control of the last of the las		Antenna Factor			Remark
	MHz	dBuV/m	dB dB	dBuV/m	dBuV	dB/m	dB	dB	
1 @	11510.500	62.34	-1.20	63.54	48.36	39.70	6.73	32.45	AVERAGE
2	11510.500	76.15	-7.39	83.54	62.17	39.70	6.73	32.45	Peak
3	17265.100	69.67			46.87	43.54	7.81	28.55	PEAK

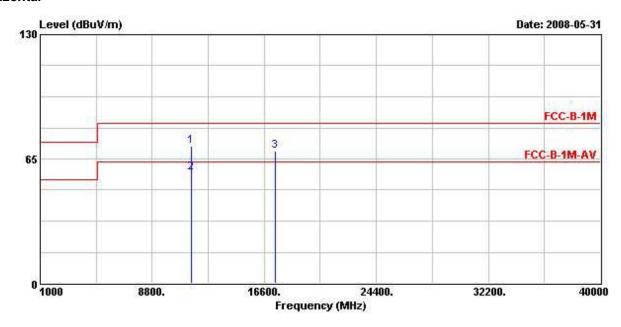
Note: An item 3 is on un-restricted band, so the limit is -20dB for the field strength of the fundamental emissions (see section 3.6.7).

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Test date	May 31, 2008	Test Site No.	03CH03-HY
Temperature	26	Humidity	54%
Test Engineer	Duncan	Configuration	5G 802.11n CH 159 (40MHz)



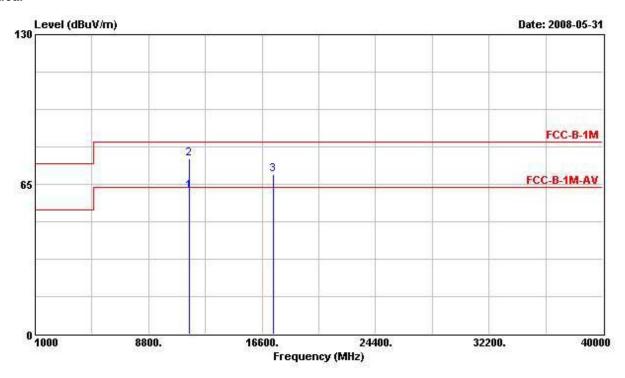
			Over	Limit	Readi	Antenna	Cable	Preamp	
	Freq	Level	Limit	Line	Level	Factor	Loss	Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	дв	<b>дв</b>	
1	11510.500	71.67	-11.87	83.54	57.69	39.70	6.73	32.45	PEAK
2 @	11510.500	57.86	-5.68	63.54	43.88	39.70	6.73	32.45	Average
3	17385.000	69.13			45.35	44.52	7.83	28.57	PEAK

Note: An item 3 is on un-restricted band, so the limit is -20dB for the field strength of the fundamental emissions (see section 3.6.7).

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	Freq	Level	Over Limit	Limit Line		Antenna Factor			Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	1
10	11590.400	61.84	-1.70	63.54	48.12	39.61	6.62	32.52	AVERAGE
2	11590.400	75.91	-7.63	83.54	62.19	39.61	6.62	32.52	Peak
3	17385.100	69.25			45.47	44.52	7.83	28.57	PEAK

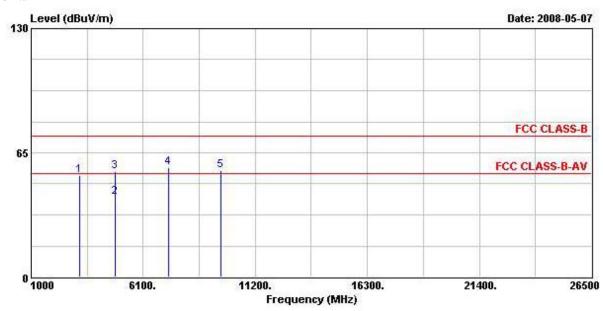
Note: An item 3 is on un-restricted band, so the limit is -20dB for the field strength of the fundamental emissions (see section 3.6.7).

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Test date	May 07, 2008	Test Site No.	03CH03-HY
Temperature	26	Humidity	54%
Test Engineer	Duncan	Configuration	2.4G 802.11n CH 1 (20MHz)



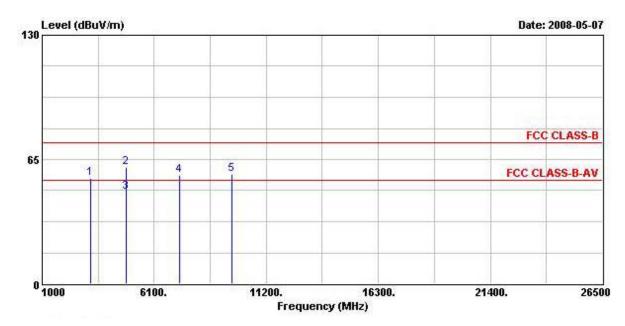
	Freq	Level	Over Limit	Limit Line		Antenna Factor			Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dВ	dB	45
1	3216.000	53.05			52.97	30.51	2.47	32.91	PEAK
2	4823.900	41.75	-12.25	54.00	37.14	33.06	4.03	32.47	Average
3	4823.900	54.99	-19.01	74.00	50.38	33.06	4.03	32.47	PEAK
4	7242.500	57.49			50.86	35.78	3.67	32.82	PEAK
5	9644.000	55.88			45.25	38.38	5.21	32.95	PEAK

Note: An item 1, 4 and 5 are on un-restricted band, so the limit is -20dB for the field strength of the fundamental emissions (see section 3.6.7).

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			Over	Limit	Readi	Antenna	Cable	Preamp	
	Freq	Level	Limit	Line	Level	Factor	Loss	Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	3216.000	55.43			55.35	30.51	2.47	32.91	PEAK
2	4823.000	60.62	-13.38	74.00	56.01	33.06	4.03	32.47	Peak
3 @	4823.000	47.99	-6.01	54.00	43.38	33.06	4.03	32.47	AVERAGE
4	7240.000	56.88			50.25	35.78	3.67	32.82	PEAK
<b>4</b> 5	9644.000	57.29			46.66	38.38	5.21	32.95	PEAK

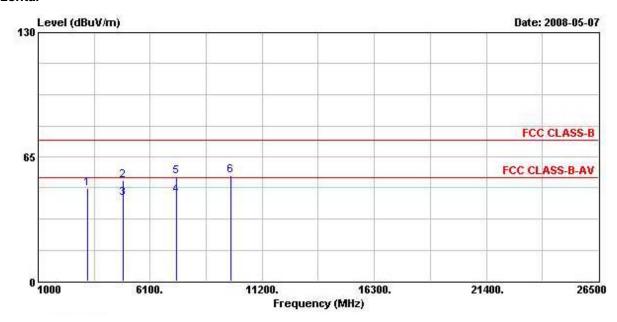
Note: An item 1, 4 and 5 are on un-restricted band, so the limit is -20dB for the field strength of the fundamental emissions (see section 3.6.7).

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Test date	May 07, 2008	Test Site No.	03CH03-HY
Temperature	26	Humidity	54%
Test Engineer	Duncan	Configuration	2.4G 802.11n CH 6 (20MHz)



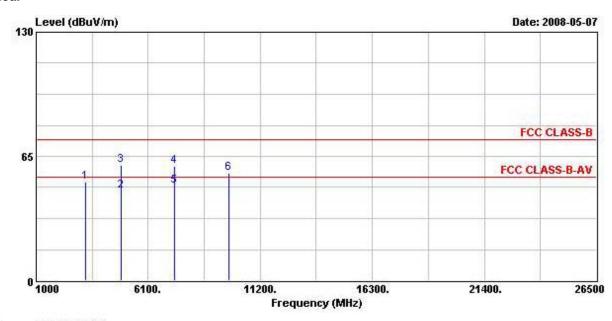
	Freq	Level	Over Limit			Antenna Factor			Remark
		dBuV/m		dBuV/m	dBuV	.V dB/m	dB	dB	
	ME	CID (LV ) JIL	ш,	CD CV/III	шы	CD / JIL			
1	3248.000	48.61			48.45	30.58	2.48	32.91	PEAK
2	4876.000	52.62	-21.38	74.00	47.91	33.16	4.02	32.47	PEAK
2 3 4	4876.000	43.53	-10.47	54.00	38.81	33.16	4.02	32.47	Average
4	7308.000	44.92	-9.08	54.00	37.91	35.94	3.91	32.85	Average
5	7308.000	54.80	-19.20	74.00	47.79	35.94	3.91	32.85	PEAK
6	9752.000	55.37			44.36	38.62	5.31	32.92	PEAK

Note: An item 1 and 6 are on un-restricted band, so the limit is -20dB for the field strength of the fundamental emissions (see section 3.6.7).

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	Freq	Level	Over Limit	5 (1995)		Antenna Factor			Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	3248.000	51.58			51.42	30.58	2.48	32.91	PEAK
2 @	4874.000	47.11	-6.89	54.00	42.40	33.16	4.02	32.47	AVERAGE
3 4	4874.000	60.16	-13.84	74.00	55.44	33.16	4.02	32.47	Peak
4	7304.000	59.62	-14.38	74.00	52.61	35.94	3.91	32.85	PEAK
5 @	7304.000	49.67	-4.33	54.00	42.66	35.94	3.91	32.85	Average
6	9752.000	56.42			45.41	38.62	5.31	32.92	PEAK

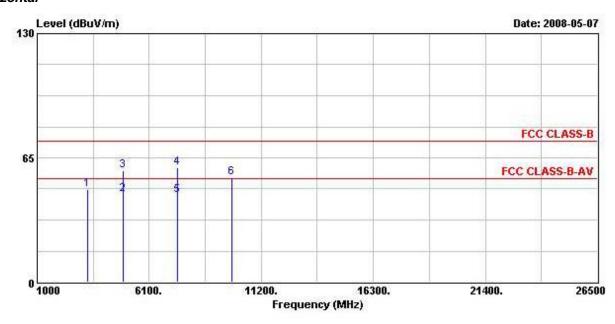
Note: An item 1 and 6 are on un-restricted band, so the limit is -20dB for the field strength of the fundamental emissions (see section 3.6.7).

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Test date	May 07, 2008	Test Site No.	03CH03-HY
Temperature	26	Humidity	54%
Test Engineer	Duncan	Configuration	2.4G 802.11n CH 11 (20MHz)



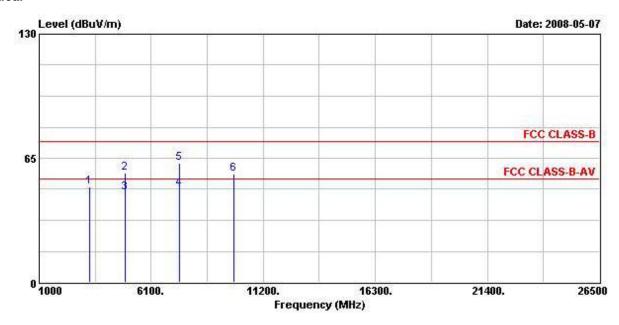
			Over	Limit	Readi	Antenna	Cable	Preamp	
	Freq	Level	Limit	Line	Level	Factor	Loss	Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	Si-
1	3280.000	48.30			48.08	30.65	2.48	32.91	PEAK
2 @	4923.000	46.07	-7.93	54.00	41.26	33.26	4.02	32.46	AVERAGE
3	4923.000	58.52	-15.48	74.00	53.71	33.26	4.02	32.46	Peak
4	7387.500	59.88	-14.12	74.00	52.47	36.15	4.16	32.90	Peak
5	7387.500	45.37	-8.63	54.00	37.96	36.15	4.16	32.90	AVERAGE
6	9852.000	54.58			43.19	38.82	5.47	32.89	PEAK

Note: An item 1 and 6 are on un-restricted band, so the limit is -20dB for the field strength of the fundamental emissions (see section 3.6.7).

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			Over	Limit	Readi	Antenna	Cable	Preamp	
	Freq	Level	Limit	Line	Level	Factor	Loss	Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	3280.000	50.04			49.82	30.65	2.48	32.91	PEAK
2	4924.000	57.43	-16.57	74.00	52.61	33.26	4.02	32.46	PEAK
3 @	4924.000	46.75	-7.25	54.00	41.94	33.26	4.02	32.46	Average
4 @	7385.200	49.14	-4.86	54.00	41.73	36.15	4.16	32.90	AVERAGE
5	7385.200	62.59	-11.41	74.00	55.18	36.15	4.16	32.90	Peak
6	9852.000	56.79			45.39	38.82	5.47	32.89	PEAK

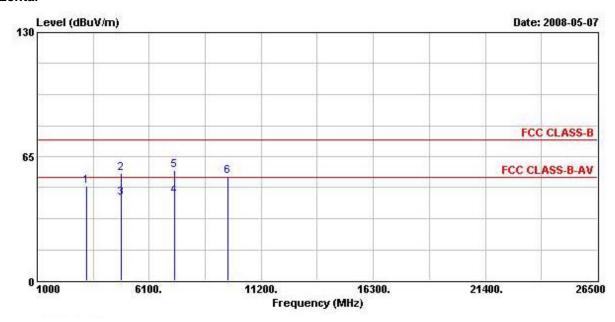
Note: An item 1 and 6 are on un-restricted band, so the limit is -20dB for the field strength of the fundamental emissions (see section 3.6.7).

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Test date	May 07, 2008	Test Site No.	03CH03-HY
Temperature	26	Humidity	54%
Test Engineer	Duncan	Configuration	2.4G 802.11n CH 3 (40MHz)



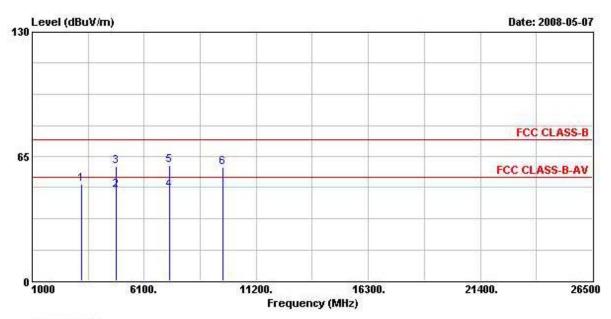
	Freq	Level	Over Limit			Intenna Factor		Preamp Factor	Remark
	MKz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	3228.000	49.42			49.31	30.55	2.47	32.91	PEAK
2	4838.200	56.07	-17.93	74.00	51.42	33.09	4.03	32.47	Peak
3	4838.200	43.21	-10.79	54.00	38.56	33.09	4.03	32.47	AVERAGE
4	7259.200	44.53	-9.47	54.00	37.73	35.82	3.79	32.82	AVERAGE
5	7259.200	57.96	-16.04	74.00	51.16	35.82	3.79	32.82	Peak
6	9688.000	54.49			43.68	38.48	5.26	32.94	PEAK

Note: An item 1 and 6 are on un-restricted band, so the limit is -20dB for the field strength of the fundamental emissions (see section 3.6.7).

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	Freq	Level	Over Limit			Antenna Factor		Preamp Factor	Remark
	MHz	dBuV/m	dВ	dBuV/m	dBuV	dB/m	dB		À
1	3228.000	50.58			50.47	30.55	2.47	32.91	PEAK
2 @	4844.200	47.49	-6.51	54.00	42.85	33.09	4.02	32.47	AVERAGE
2 @ 3	4844.200	59.98	-14.02	74.00	55.34	33.09	4.02	32.47	Peak
4 @	7271.400	47.69	-6.31	54.00	40.87	35.86	3.79	32.83	AVERAGE
5	7271.400	60.50	-13.50	74.00	53.68	35.86	3.79	32.83	Peak
6	9688.000	59.50			48.69	38.48	5.26	32.94	PEAK

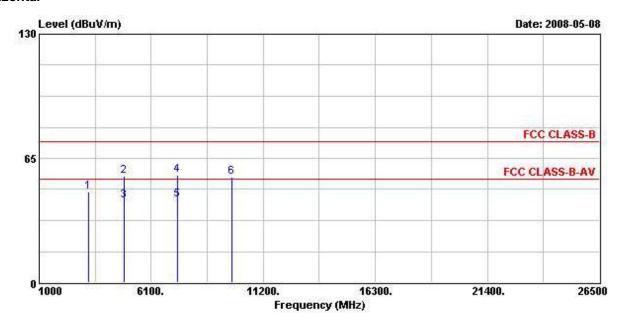
Note: An item 1 and 6 are on un-restricted band, so the limit is -20dB for the field strength of the fundamental emissions (see section 3.6.7).

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 TEL: 886-2-2696-2468
 Issued Date : Oct. 13, 2008

 FAX: 886-2-2696-2255
 FCC ID : TOR-SS300AT

Test date	May 08, 2008	Test Site No.	03CH03-HY
Temperature	26	Humidity	54%
Test Engineer	Duncan	Configuration	2.4G 802.11n CH 6 (40MHz)



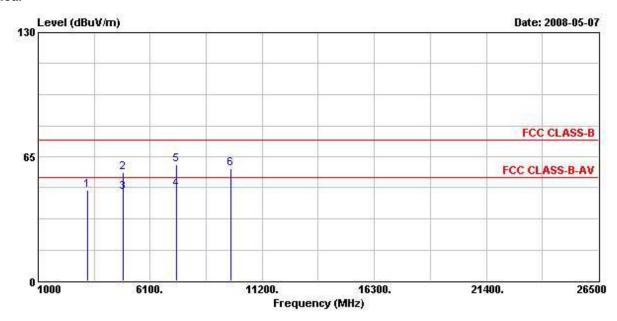
			Over	Limit	Readi	Antenna	Cable	Preamp	
	Freq	Level	Limit	Line	Level	Factor	Loss	Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	į.
1	3248.000	47.23			47.07	30.58	2.48	32.91	PEAK
2	4875.400	55.64	-18.36	74.00	50.92	33.16	4.02	32.47	Peak
2 3	4875.400	42.73	-11.27	54.00	38.01	33.16	4.02	32.47	AVERAGE
4 5	7316.400	56.23	-17.77	74.00	49.20	35.99	3.91	32.87	Peak
5	7316.400	43.20	-10.80	54.00	36.17	35.99	3.91	32.87	AVERAGE
6	9748.000	55.30			44.29	38.62	5.31	32.92	PEAK

Note: An item 1 and 6 are on un-restricted band, so the limit is -20dB for the field strength of the fundamental emissions (see section 3.6.7).

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 TEL: 886-2-2696-2468
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			Over			Intenna			
	Freq	Level	Limit	Line	Level	Factor	Loss	Factor	Remark
	MHz	dBuV/m	qB	dBuV/m	dBuV	dB/m	dB	dB	
1	3248.000	47.58			47.43	30.58	2.48	32.91	PEAK
2	4876.000	56.97	-17.03	74.00	52.26	33.16	4.02	32.47	PEAK
3 @	4876.000	46.46	-7.54	54.00	41.74	33.16	4.02	32.47	Average
4 @	7304.000	48.09	-5.91	54.00	41.08	35.94	3.91	32.85	AVERAGE
5	7304.000	60.76	-13.24	74.00	53.75	35.94	3.91	32.85	Peak
6	9748.000	58.94			47.93	38.62	5.31	32.92	PEAK

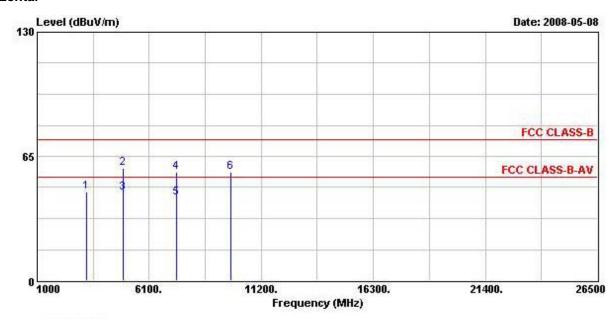
Note: An item 1 and 6 are on un-restricted band, so the limit is -20dB for the field strength of the fundamental emissions (see section 3.6.7).

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 TEL: 886-2-2696-2468
 Issued Date : Oct. 13, 2008

 FAX: 886-2-2696-2255
 FCC ID : TOR-SS300AT

Test date	May 08, 2008	Test Site No.	03CH03-HY
Temperature	26	Humidity	54%
Test Engineer	Duncan	Configuration	2.4G 802.11n CH 9 (40MHz)



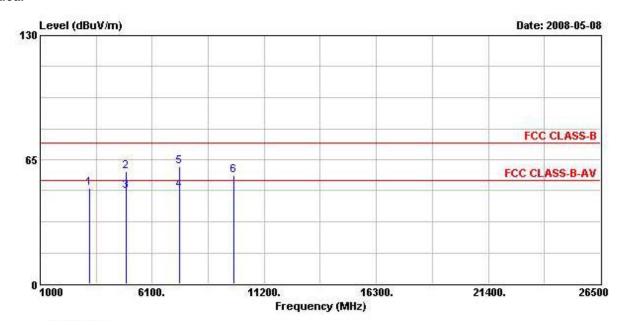
	128		Over			Intenna			
	Freq	Level	Limit	Line	Level	Factor	Loss	Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	3
1	3268.000	46.63			46.44	30.62	2.48	32.91	PEAK
2	4903.400	58.77	-15.23	74.00	53.99	33.23	4.02	32.47	Peak
3 @	4903.400	46.03	-7.97	54.00	41.25	33.23	4.02	32.47	AVERAGE
<b>4</b> 5	7359.000	56.62	-17.38	74.00	49.40	36.07	4.03	32.88	Peak
5	7359.000	43.32	-10.68	54.00	36.10	36.07	4.03	32.88	AVERAGE
6	9808.000	56.57			45.34	38.72	5.42	32.91	PEAK

Note: An item 1 and 6 are on un-restricted band, so the limit is -20dB for the field strength of the fundamental emissions (see section 3.6.7).

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	Freq	Level	Over Limit			Antenna Factor			Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	St.
1	3268.000	50.24			50.05	30.62	2.48	32.91	PEAK
2	4904.000	58.57	-15.43	74.00	53.79	33.23	4.02	32.47	PEAK
3 @	4904.000	48.44	-5.56	54.00	43.66	33.23	4.02	32.47	Average
4 @	7363.400	49.12	-4.88	54.00	41.91	36.07	4.03	32.90	AVERAGE
5	7363.400	61.31	-12.69	74.00	54.11	36.07	4.03	32.90	Peak
6	9808.000	56.85			45.63	38.72	5.42	32.91	PEAK

Note: An item 1 and 6 are on un-restricted band, so the limit is -20dB for the field strength of the fundamental emissions (see section 3.6.7).

The amplitude of spurious emissions that are attenuated by more than 20dB below the permissible value has no need to be reported.

Emission level (dBuV/m) = 20 log Emission level (uV/m).

Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

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 TEL: 886-2-2696-2468
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 FAX: 886-2-2696-2255
 FCC ID : TOR-SS300AT

# 3.6 Band Edge and Fundamental Emissions Measurement

#### 3.6.1 Limit

20dBc in any 100 kHz bandwidth outside the operating frequency band. In case the emission fall within the restricted band specified on 15.205(a), then the 15.209(a) limit in the table below has to be followed.

Report No.: FR843032-05AN

Frequencies	Field Strength	Measurement Distance
(MHz)	(micorvolts/meter)	(meters)
0.009~0.490	2400/F(KHz)	300
0.490~1.705	24000/F(KHz)	30
1.705~30.0	30	30
30~88	100	3
88~216	150	3
216~960	200	3
Above 960	500	3

### 3.6.2 Measuring Instruments and Setting

Please refer to section 4 of equipments list in this report. The following table is the setting of the spectrum analyzer.

Spectrum Parameter	Setting
Attenuation	Auto
Span Frequency	100 MHz
RB / VB (Emission in restricted band)	1MHz / 1MHz for Peak, 1 MHz / 10Hz for Average
RB / VB (Emission in non-restricted band)	100 KHz /100 KHz for Peak

### 3.6.3 Test Procedures

- 1. The test procedure is the same as section 3.5.3; only the frequency range investigated is limited to 100MHz around bandedges.
- 2. In case the emission is fail due to the used RB/VB is too wide, marker-delta method of FCC Public Notice DA00-705 will be followed.

#### 3.6.4 Test Setup Layout

This test setup layout is the same as that shown in section 3.5.4.

### 3.6.5 Test Deviation

There is no deviation with the original standard.

## 3.6.6 EUT Operation during Test

The EUT was programmed to be in continuously transmitting mode.

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 FCC ID : TOR-SS300AT

# Report No.: FR843032-05AN

# 3.6.7 Test Result of Band Edge and Fundamental Emissions

# For Single Chain:

Test date	May 23, 2008	Test Site No.	03CH03-HY
Temperature	26	Humidity	54%
Test Engineer	Duncan	Configuration	2.4G 802.11n CH 1, 6, 11
rest Engineer	Duncan	Comiguration	(20MHz)

## Channel 1

			Over	Limit	Readi	Antenna	Cable	Preamp	
	Freq	Level	Limit	Line	Level	Factor	Loss	Factor	Remark
	MKz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1 @	2389.420	68.54	-5.46	74.00	38.06	28.29	2.19	0.00	Peak
2 @	2411.650	114.16			83.65	28.33	2.19	0.00	Peak
1 0	2390.000	52.61	-1.39	54.00	22.13	28.29	2.19	0.00	Average
2 @	2411.650	103.91			73.40	28.33	2.19	0.00	Average

An item 2 is Fundamental Emissions.

## Channel 6

				Over		Limit ReadAn		Cable	Preamp	
		Freq	Level	Limit	imit Line	Level	Factor	Loss Facto		Remark
		MKz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	e d
1		2386.570	63.22	-10.78	74.00	32.74	28.29	2.19	0.00	Peak
2	0	2436.540	118.07			87.46	28.40	2.22	0.00	Peak
3		2486.130	63.45	-10.55	74.00	32.74	28.47	2.25	0.00	Peak
1	0	2390.000	51.75	-2.25	54.00	21.27	28.29	2.19	0.00	Average
2	0	2436.540	107.68			77.07	28.40	2.22	0.00	Average
3	0	2484.420	51.93	-2.07	54.00	21.22	28.47	2.25	0.00	Average

An item 2 is Fundamental Emissions.

## Channel 11

			Over	Limit	Readi	intenna	Cable	Preamp	
	Freq	Level	Limit	Line	Level	Factor	Loss	Factor	Remark
	MKz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1 @	2461.810	110.69			80.04	28.43	2.22	0.00	Peak
2 @	2483.500	67.85	-6.15	74.00	37.14	28.47	2.25	0.00	Peak
1 @	2461.810	103.12			72.47	28.43	2.22	0.00	Average
2 @	2483.500	51.42	-2.58	54.00	20.71	28.47	2.25	0.00	Average

An item 1 is Fundamental Emissions.

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 Issued Date : Oct. 13, 2008

 FAX: 886-2-2696-2255
 FCC ID : TOR-SS300AT

Test date	May 23, 2008	Test Site No.	03CH03-HY
Temperature	26	Humidity	54%
Toot Engineer	Duncan	Configuration	2.4G 802.11n CH 3, 6, 9
Test Engineer	Duncan Configuration		(40MHz)

#### Channel 3

			Over	Limit	Readi	Antenna	Cable	Preamp	
	Freq	Level	Limit	Line	Level	Factor	Loss	Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	10
1	2390.000	65.34	-8.66	74.00	34.86	28.29	2.19	0.00	Peak
2 @	2425.330	103.17			72.59	28.36	2.22	0.00	Peak
1 @	2381.820	52.05	-1.95	54.00	21.64	28.26	2.16	0.00	Average
2 @	2425.330	93.51			62.93	28.36	2.22	0.00	Average

An item 2 is Fundamental Emissions.

#### **Channel 6**

			Over	Limit	it ReadAntenna		Cable	Preamp	
	Freq	Level	Limit	Line	Level	Factor	Loss	Factor	Remark
	MKz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	9.
1	2390.000	63.25	-10.75	74.00	32.77	28.29	2.19	0.00	Peak
2 @	2426.090	108.70			78.12	28.36	2.22	0.00	Peak
3	2483.850	64.25	-9.75	74.00	33.54	28.47	2.25	0.00	Peak
1 @	2390.000	52.09	-1.91	54.00	21.61	28.29	2.19	0.00	Average
2 @	2426.090	98.82			68.24	28.36	2.22	0.00	Average
3 @	2484.420	52.74	-1.26	54.00	22.03	28.47	2.25	0.00	Average

An item 2 is Fundamental Emissions.

## Channel 9

			Over	Limit	Readi	Antenna	Cable	Preamp	
	Freq	Level	Limit	Line	Level	Factor	Loss	Factor	Remark
	Mz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	e.
1 0	2454.970	102.21			71.56	28.43	2.22	0.00	Peak
2 @	2483.500	66.82	-7.18	74.00	36.11	28.47	2.25	0.00	Peak
1 @	2454.970	92.63			61.98	28.43	2.22	0.00	Average
2 @	2492.020	52.22	-1.78	54.00	21.47	28.50	2.25	0.00	Average

An item 1 is Fundamental Emissions.

Note:

Emission level (dBuV/m) = 20 log Emission level (uV/m).

Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

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 Issued Date
 : Oct. 13, 2008

 FAX: 886-2-2696-2255
 FCC ID
 : TOR-SS300AT

# Report No.: FR843032-05AN

## For Two Chain:

Test date	May 27, 2008	Test Site No.	03CH03-HY
Temperature	26	Humidity	54%
			2.4G 802.11n Ant. A & B
Test Engineer	Duncan	Configuration	CH 1, 6, 11
			(20MHz)

## Channel 1

			Over	Limit	Readi	Antenna	Cable	Preamp	
	Freq	Level	Limit	Line	Level	Factor	Loss	Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1 @	2389.420	67.43	-6.57	74.00	36.95	28.29	2.19	0.00	Peak
2 @	2416.210	115.16			84.65	28.33	2.19	0.00	Peak
1 @	2390.000	52.79	-1.21	54.00	22.31	28.29	2.19	0.00	Average
2 @	2416.210	104.46			73.95	28.33	2.19	0.00	Average

An item 2 is Fundamental Emissions.

### **Channel 6**

	Freq	Freq Level		Over Limit Level Limit Line		ReadAntenna Level Factor			Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	e e
1	2388.660	63.72	-10.28	74.00	33.24	28.29	2.19	0.00	Peak
2 @	2433.690	117.88			87.30	28.36	2.22	0.00	Peak
3	2484.610	63.33	-10.67	74.00	32.62	28.47	2.25	0.00	Peak
1 @	2388.850	51.34	-2.66	54.00	20.86	28.29	2.19	0.00	Average
2 @	2433.690	107.05			76.47	28.36	2.22	0.00	Average
3 @	2486.130	51.87	-2.13	54.00	21.16	28.47	2.25	0.00	Average

An item 2 is Fundamental Emissions.

## Channel 11

				Over	Limit	Readi	Antenna	Cable	Preamp	
		Freq	Level	Limit	Line	Level	Factor	Loss	Factor	Remark
		MXz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	0	2460.860	112.38			81.73	28.43	2.22	0.00	Peak
2	9	2483.500	67.54	-6.46	74.00	36.83	28.47	2.25	0.00	Peak
1	0	2460.860	102.16			71.51	28.43	2.22	0.00	Average
2	0	2483.500	52.85	-1.15	54.00	22.14	28.47	2.25	0.00	Average

An item 1 is Fundamental Emissions.

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 Issued Date
 : Oct. 13, 2008

 FAX: 886-2-2696-2255
 FCC ID
 : TOR-SS300AT

Test date	Apr. 26, 2008	Test Site No.	03CH03-HY
Temperature	26	Humidity	54%
			2.4G 802.11n Ant. A & B
Test Engineer	Duncan	Configuration	CH 3, 6, 9
			(40MHz)

## Channel 3

			0ver	Limit	Readi	Antenna	Cable	Preamp	
	Freq	Level	Limit	Line	Level	Factor	Loss	Factor	Remark
	Mtz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1 @	2390.000	67.52	-6.48	74.00	37.04	28.29	2.19	0.00	Peak
2 @	2429.130	106.32			75.74	28.36	2.22	0.00	Peak
1 @	2390.000	52.74	-1.26	54.00	22.26	28.29	2.19	0.00	Average
2 @	2429.130	95.53			64.95	28.36	2.22	0.00	Average

An item 2 is Fundamental Emissions.

### **Channel 6**

			Over	Limit	Readi	Antenna	Cable	Preamp	
	Freq	Level	Limit	Line	Level	Factor	Loss	Factor	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1	2389.610	63.82	-10.18	74.00	33.34	28.29	2.19	0.00	Peak
2 @	2427.610	110.75			80.17	28.36	2.22	0.00	Peak
3	2484.610	64.17	-9.83	74.00	33.46	28.47	2.25	0.00	Peak
1 0	2390.000	51.45	-2.55	54.00	20.97	28.29	2.19	0.00	Average
2 @	2427.610	99.12			68.54	28.36	2.22	0.00	Average
3 @	2483.500	52.71	-1.29	54.00	22.00	28.47	2.25	0.00	Average

An item 2 is Fundamental Emissions.

## **Channel 9**

		Freq	Level	Over Limit	900000000000000000000000000000000000000		intenna Factor		Preamp Factor	Remark
		MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	
1 @	9	2441.860	106.12			75.51	28.40	2.22	0.00	Peak
2 @	9	2483.500	67.73	-6.27	74.00	37.02	28.47	2.25	0.00	Peak
1 @	9	2441.860	94.10			63.49	28.40	2.22	0.00	Average
2 @	9	2483.500	52.85	-1.15	54.00	22.14	28.47	2.25	0.00	Average

An item 1 is Fundamental Emissions.

Note:

Emission level (dBuV/m) = 20 log Emission level (uV/m).

Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

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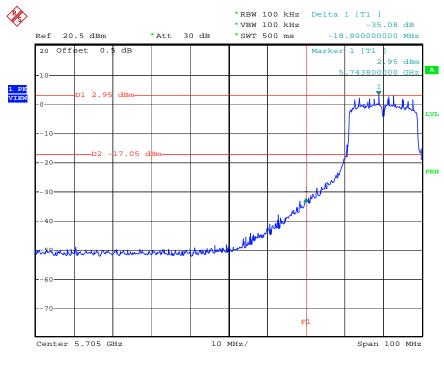
 TEL: 886-2-2696-2468
 Issued Date : Oct. 13, 2008

 FAX: 886-2-2696-2255
 FCC ID : TOR-SS300AT

## For Single Chain:

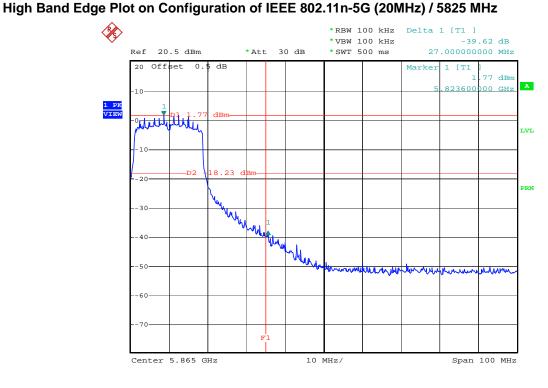
## For Emission not in Restricted Band

# Low Band Edge Plot on Configuration of IEEE 802.11n-5G (20MHz) / 5745 MHz



#### DI ( 0 (' (' (IEEE 000 (4 EO (001111 ) (

31.MAY.2008 18:18:10



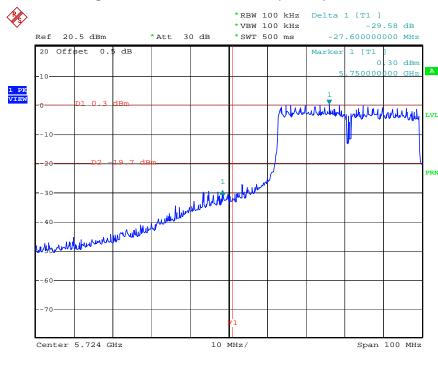
Date: 31.MAY.2008 19:12:18

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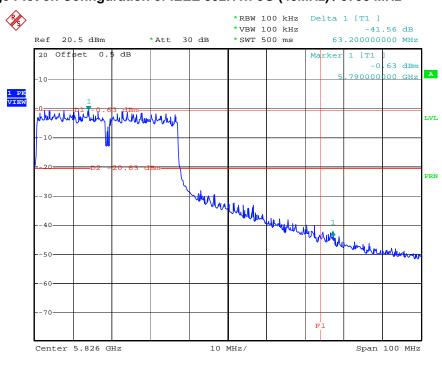
 FAX: 886-2-2696-2255
 FCC ID
 : TOR-SS300AT

## Low Band Edge Plot on Configuration of IEEE 802.11n-5G (40MHz) / 5755 MHz



Date: 31.MAY.2008 19:45:25

## High Band Edge Plot on Configuration of IEEE 802.11n-5G (40MHz) / 5795 MHz



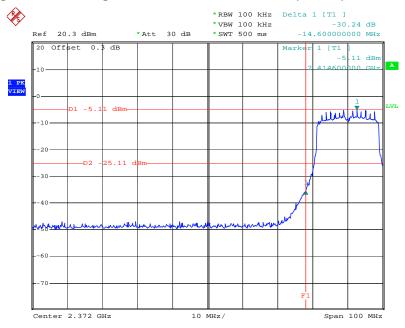
Date: 31.MAY.2008 19:40:32

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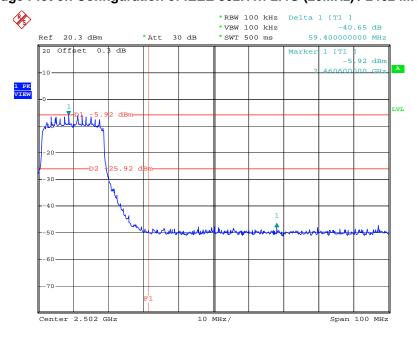
 FAX: 886-2-2696-2255
 FCC ID
 : TOR-SS300AT

## Low Band Edge Plot on Configuration of IEEE 802.11n-2.4G (20MHz) / 2412 MHz



Date: 26.MAY.2008 16:40:49

## High Band Edge Plot on Configuration of IEEE 802.11n-2.4G (20MHz) / 2462 MHz



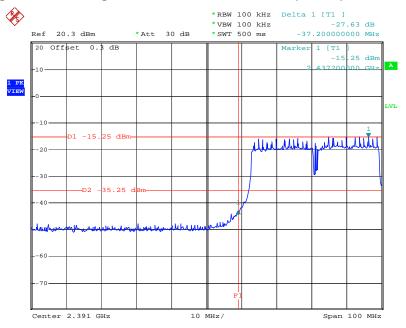
Date: 26.MAY.2008 15:57:50

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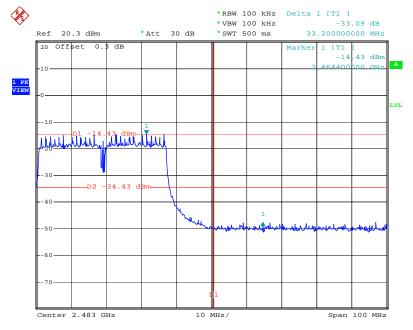
 FAX: 886-2-2696-2255
 FCC ID : TOR-SS300AT

## Low Band Edge Plot on Configuration of IEEE 802.11n-2.4G (40MHz) / 2422 MHz



Date: 26.MAY.2008 16:55:49

# High Band Edge Plot on Configuration of IEEE 802.11n-2.4G (40MHz) / 2452 MHz



Date: 26.MAY.2008 16:54:36

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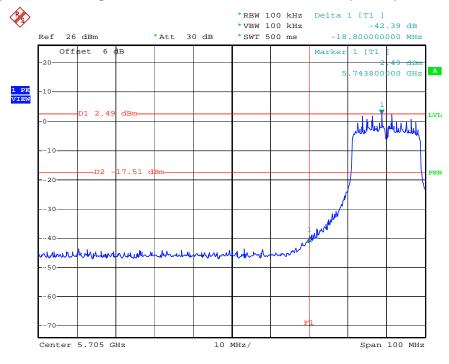
 TEL: 886-2-2696-2468
 Issued Date
 : Oct. 13, 2008

 FAX: 886-2-2696-2255
 FCC ID
 : TOR-SS300AT

### For Two Chain:

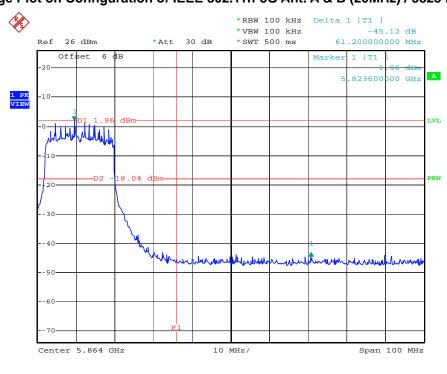
### For Emission not in Restricted Band

## Low Band Edge Plot on Configuration of IEEE 802.11n-5G Ant. A & B (20MHz) / 5745 MHz



# High Band Edge Plot on Configuration of IEEE 802.11n-5G Ant. A & B (20MHz) / 5825 MHz

31.MAY.2008 21:02:40



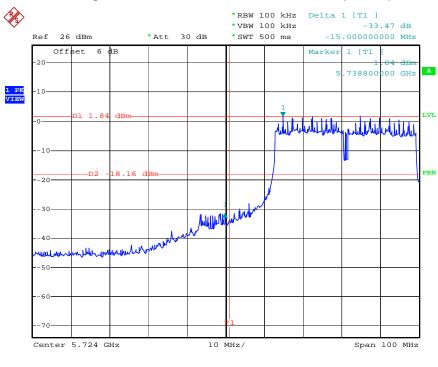
Date: 31.MAY.2008 20:43:03

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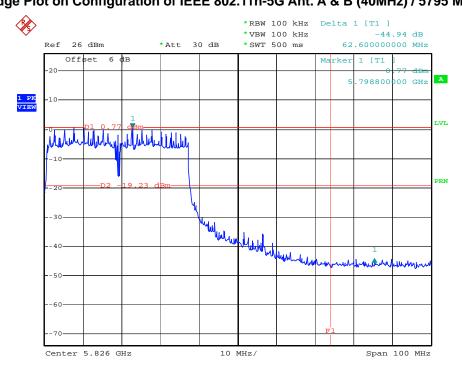
## Low Band Edge Plot on Configuration of IEEE 802.11n-5G Ant. A & B (40MHz) / 5755 MHz



High Band Edge Plot on Configuration of IEEE 802.11n-5G Ant. A & B (40MHz) / 5795 MHz

31.MAY.2008 22:00:22

Date:



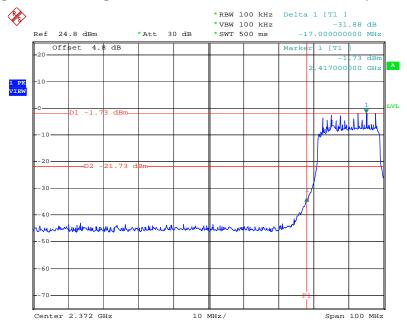
Date: 31.MAY.2008 21:54:39

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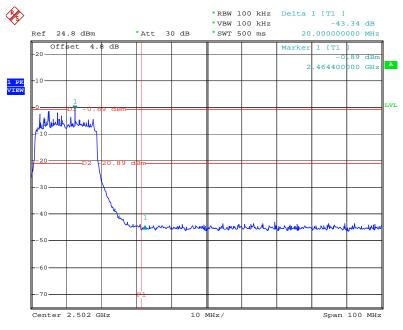
 FAX: 886-2-2696-2255
 FCC ID
 : TOR-SS300AT

## Low Band Edge Plot on Configuration of IEEE 802.11n-2.4G Ant. A & B (20MHz) / 2412 MHz



Date: 26.MAY.2008 18:19:45

# High Band Edge Plot on Configuration of IEEE 802.11n-2.4G Ant. A & B (20MHz) / 2462 MHz



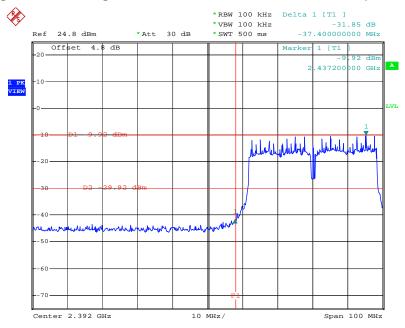
Date: 26.MAY.2008 18:18:26

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 TEL: 886-2-2696-2468
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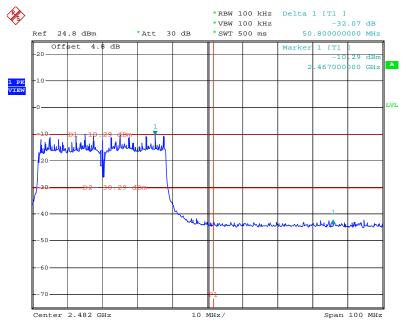
 FAX: 886-2-2696-2255
 FCC ID : TOR-SS300AT

## Low Band Edge Plot on Configuration of IEEE 802.11n-2.4G Ant. A & B (40MHz) / 2422 MHz



Date: 27.MAY.2008 17:38:04

# High Band Edge Plot on Configuration of IEEE 802.11n-2.4G Ant. A & B (40MHz) / 2452 MHz



Date: 27.MAY.2008 17:46:10

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 FAX: 886-2-2696-2255
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FCC TEST REPORT Report No.: FR843032-05AN

## 3.7 Antenna Requirements

### 3.7.1 Limit

Except for special regulations, the Low-power Radio-frequency Devices must not be equipped with any jacket for installing an antenna with extension cable. An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this Section. The manufacturer may design the unit so that the user can replace a broken antenna, but the use of a standard antenna jack or electrical connector is prohibited. Further, this requirement does not apply to intentional radiators that must be professionally installed.

### 3.7.2 Antenna Connector Construction

Please refer to section 2.3 in this test report; antenna connector complied with the requirements.

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# **4 LIST OF MEASURING EQUIPMENTS**

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Remark
Receiver	R&S	ESCS 30	836858/024	9 kHz - 2.75 GHz	Sep. 11, 2007	Conduction (CO01-LK)
						Conduction
LISN	SCHAFFNER	NNB-41	98087	9 kHz - 30 MHz	Sep. 21, 2007	(CO01-LK)
RF Cable-CON	Suhner	RG223/U	CB017	9 kHz - 30 MHz	Nov. 30, 2007	Conduction
THE GUDIC-COIN	Switzerland	110220/0	05017	O KI IZ OO WII IZ	1404. 00, 2007	(CO01-LK)

Note: Calibration Interval of instruments listed above is one year.

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Remark
Spectrum Analyzer	R&S	FSP30	100023	9kHz ~ 30GHz	Jan. 10, 2008	Conducted (TH01-HY)
Power Meter	R&S	NRVS	100444	DC ~ 40GHz	Jun. 27, 2007	Conducted (TH01-HY)
Power Sensor	R&S	NRV-Z51	100458	DC ~ 30GHz	Jun. 27, 2007	Conducted (TH01-HY)
Power Sensor	R&S	NRV-Z32	100057	30MHz ~ 6GHz	Jun. 27, 2007	Conducted (TH01-HY)
DC Power Source	G.W.	GPC-6030D	C671845	DC 1V ~ 60V	Mar. 13, 2008	Conducted (TH01-HY)
Temp. and Humidity Chamber	KSON	THS-C3L	612	N/A	Oct. 01, 2007	Conducted (TH01-HY)
RF CABLE-1m	Jye Bao	RG142	CB034-1m	20MHz ~ 7GHz	Dec. 01, 2007	Conducted (TH01-HY)
RF CABLE-2m	Jye Bao	RG142	CB035-2m	20MHz ~ 1GHz	Dec. 01, 2007	Conducted (TH01-HY)
Vector Signal Generator	R&S	SMU200A	102098	100kHz ~ 6GHz	Nov. 14, 2007	Conducted (TH01-HY)
Signal Generator R&S		SMR40	100116	10MHz ~ 40GHz	Mar. 10, 2008	Conducted (TH01-HY)

Note: Calibration Interval of instruments listed above is one year.

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Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Remark
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	SAC-3M 03CH03-HY		Jun. 14, 2007	Radiation (03CH03-HY)
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH03-HY	30 MHz - 1 GHz 3m	Jun. 13, 2008	Radiation (03CH03-HY)
Amplifier	SCHAFFNER	COA9231A	18667	9 kHz - 2 GHz	Jan. 14, 2008	Radiation (03CH03-HY)
Amplifier	Agilent	8449B	3008A02120	1 GHz - 26.5 GHz	Jun. 07, 2007	Radiation (03CH03-HY)
Amplifier	Agilent	8449B	3008A02120	1 GHz - 26.5 GHz	Jul. 21, 2008	Radiation (03CH03-HY)
Spectrum Analyzer	R&S	FSP30	100023	9 kHz - 30 GHz	Jan. 10, 2008	Radiation (03CH03-HY)
Bilog Antenna	SCHAFFNER	CBL 6112D	22237	30 MHz – 1 GHz	Jul. 21, 2007	Radiation (03CH03-HY)
Bilog Antenna	SCHAFFNER	CBL 6112D	22237	30 MHz – 1 GHz	Jul. 12, 2008	Radiation (03CH03-HY)
Horn Antenna	EMCO	3115	6741	1GHz ~ 18GHz	Mar. 04, 2008	Radiation (03CH03-HY)
Horn Antenna	SCHWARZBECK	BBHA9170	BBHA9170154	15 GHz - 40 GHz	Jan.18, 2008	Radiation (03CH03-HY)
RF Cable-R03m	Jye Bao	RG142	CB021	30 MHz - 1 GHz	Dec. 03, 2007	Radiation (03CH03-HY)
RF Cable-HIGH	SUHNER	SUCOFLEX 106	03CH03-HY	1 GHz - 40 GHz	Dec. 03, 2007	Radiation (03CH03-HY)
Turn Table	Turn Table HD		420/650/00	0 – 360 degree	N/A	Radiation (03CH03-HY)
Antenna Mast	HD	MA 240	240/560/00	1 m - 4 m	N/A	Radiation (03CH03-HY)

Note: Calibration Interval of instruments listed above is one year.

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Remark
AC Power Source	HPC	HPA-500W	HPA-9100024	AC 0 ~ 300V	May 04, 2007*	Conducted (TH01-HY)
Amplifier	MITEQ	AMF-6F-260400	9121372	26.5 GHz - 40 GHz	Jan. 22, 2007*	Radiation (03CH03-HY)
Loop Antenna	R&S	HFH2-Z2	860004/001	9 kHz - 30 MHz	May 22, 2008*	Radiation (03CH03-HY)

Note: Calibration Interval of instruments listed above is two year.

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# Report No.: FR843032-05AN

# **5 TEST LOCATION**

SHIJR         ADD         :         6FI., No. 106, Sec. 1, Shintai 5th Rd., Shijr City, Taipei, Taiwan 221, R.O.C.           TEL         :         886-2-2696-2468           FAX         :         886-2-2696-2255           HWA YA         ADD         :         No. 52, Hwa Ya 1st Rd., Kwei-Shan Hsiang, Tao Yuan Hsien, Taiwan, R.O.C.           TEL         :         886-3-327-3456         FAX         :           FAX         :         886-3-318-0055         Image: No. 30-2, Dingfu Tsuen, Linkou Shiang, Taipei, Taiwan 244, R.O.C         TEL         :           TEL         :         886-2-2601-1695         Image: No. 3, Lane 238, Kangle St., Neihu Chiu, Taipei, Taiwan 114, R.O.C.         Image: No. 3, Lane 238, Kangle St., Neihu Chiu, Taipei, Taiwan 114, R.O.C.         Image: No. 3, Lane 238, Kangle St., Neihu Chiu, Taipei, Taiwan 235, R.O.C.         Image: No. 3, Lane 234, Kangle St., Junghe City, Taipei, Taiwan 235, R.O.C.         Image: No. 3, Lane 234, Lane 234, Lane 234, Lane 234, Lane 235, R.O.C.         Image: No. 3, Lane 234, Lan				
FAX : 886-2-2696-2255  HWA YA ADD : No. 52, Hwa Ya 1st Rd., Kwei-Shan Hsiang, Tao Yuan Hsien, Taiwan, R.O.C.  TEL : 886-3-327-3456  FAX : 886-3-318-0055  LINKOU ADD : No. 30-2, Dingfu Tsuen, Linkou Shiang, Taipei, Taiwan 244, R.O.C  TEL : 886-2-2601-1640  FAX : 886-2-2601-1695  DUNGHU ADD : No. 3, Lane 238, Kangle St., Neihu Chiu, Taipei, Taiwan 114, R.O.C.  TEL : 886-2-2631-4739  FAX : 886-2-2631-9740  JUNGHE ADD : 7FI., No. 758, Jungjeng Rd., Junghe City, Taipei, Taiwan 235, R.O.C.  TEL : 886-2-8227-2020  FAX : 886-2-8227-2626  NEIHU ADD : 4FI., No. 339, Hsin Hu 2 <sup>nd</sup> Rd., Taipei 114, Taiwan, R.O.C.  TEL : 886-2-2794-8886  FAX : 886-2-2794-9777  JHUBEI ADD : No.8, Lane 724, Bo-ai St., Jhubei City, HsinChu County 302, Taiwan, R.O.C.	SHIJR	ADD	:	6Fl., No. 106, Sec. 1, Shintai 5th Rd., Shijr City, Taipei, Taiwan 221, R.O.C.
HWA YA ADD : No. 52, Hwa Ya 1st Rd., Kwei-Shan Hsiang, Tao Yuan Hsien, Taiwan, R.O.C. TEL : 886-3-327-3456 FAX : 886-3-318-0055  LINKOU ADD : No. 30-2, Dingfu Tsuen, Linkou Shiang, Taipei, Taiwan 244, R.O.C TEL : 886-2-2601-1640 FAX : 886-2-2601-1695  DUNGHU ADD : No. 3, Lane 238, Kangle St., Neihu Chiu, Taipei, Taiwan 114, R.O.C. TEL : 886-2-2631-4739 FAX : 886-2-2631-9740  JUNGHE ADD : 7FI., No. 758, Jungjeng Rd., Junghe City, Taipei, Taiwan 235, R.O.C. TEL : 886-2-8227-2020 FAX : 886-2-8227-2020 FAX : 886-2-8227-2626  NEIHU ADD : 4FI., No. 339, Hsin Hu 2 <sup>nd</sup> Rd., Taipei 114, Taiwan, R.O.C. TEL : 886-2-2794-8886 FAX : 886-2-2794-8886 FAX : 886-2-2794-9777  JHUBEI ADD : No.8, Lane 724, Bo-ai St., Jhubei City, HsinChu County 302, Taiwan, R.O.C. TEL : 886-3-656-9065		TEL	:	886-2-2696-2468
TEL : 886-3-327-3456 FAX : 886-3-318-0055  LINKOU ADD : No. 30-2, Dingfu Tsuen, Linkou Shiang, Taipei, Taiwan 244, R.O.C TEL : 886-2-2601-1640 FAX : 886-2-2601-1695  DUNGHU ADD : No. 3, Lane 238, Kangle St., Neihu Chiu, Taipei, Taiwan 114, R.O.C. TEL : 886-2-2631-4739 FAX : 886-2-2631-9740  JUNGHE ADD : 7FI., No. 758, Jungjeng Rd., Junghe City, Taipei, Taiwan 235, R.O.C. TEL : 886-2-8227-2020 FAX : 886-2-8227-2020 FAX : 886-2-8227-2626  NEIHU ADD : 4FI., No. 339, Hsin Hu 2 <sup>nd</sup> Rd., Taipei 114, Taiwan, R.O.C. TEL : 886-2-2794-8886 FAX : 886-2-2794-9777  JHUBEI ADD : No.8, Lane 724, Bo-ai St., Jhubei City, HsinChu County 302, Taiwan, R.O.C. TEL : 886-3-656-9065		FAX	:	886-2-2696-2255
FAX   :   886-3-318-0055	HWA YA	ADD	:	No. 52, Hwa Ya 1st Rd., Kwei-Shan Hsiang, Tao Yuan Hsien, Taiwan, R.O.C.
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TEL : 886-2-2601-1640  FAX : 886-2-2601-1695  DUNGHU ADD : No. 3, Lane 238, Kangle St., Neihu Chiu, Taipei, Taiwan 114, R.O.C.  TEL : 886-2-2631-4739  FAX : 886-2-2631-9740  JUNGHE ADD : 7FI., No. 758, Jungjeng Rd., Junghe City, Taipei, Taiwan 235, R.O.C.  TEL : 886-2-8227-2020  FAX : 886-2-8227-2626  NEIHU ADD : 4FI., No. 339, Hsin Hu 2 <sup>nd</sup> Rd., Taipei 114, Taiwan, R.O.C.  TEL : 886-2-2794-8886  FAX : 886-2-2794-9777  JHUBEI ADD : No.8, Lane 724, Bo-ai St., Jhubei City, HsinChu County 302, Taiwan, R.O.C.  TEL : 886-3-656-9065		FAX	:	886-3-318-0055
DUNGHU       ADD       :       886-2-2601-1695         DUNGHU       ADD       :       No. 3, Lane 238, Kangle St., Neihu Chiu, Taipei, Taiwan 114, R.O.C.         TEL       :       886-2-2631-4739         FAX       :       886-2-2631-9740         JUNGHE       ADD       :       7Fl., No. 758, Jungjeng Rd., Junghe City, Taipei, Taiwan 235, R.O.C.         TEL       :       886-2-8227-2020         FAX       :       886-2-8227-2626         NEIHU       ADD       :       4Fl., No. 339, Hsin Hu 2 <sup>nd</sup> Rd., Taipei 114, Taiwan, R.O.C.         TEL       :       886-2-2794-8886         FAX       :       886-2-2794-9777         JHUBEI       ADD       :       No.8, Lane 724, Bo-ai St., Jhubei City, HsinChu County 302, Taiwan, R.O.C.         TEL       :       886-3-656-9065	LINKOU	ADD	:	No. 30-2, Dingfu Tsuen, Linkou Shiang, Taipei, Taiwan 244, R.O.C
DUNGHU       ADD       : No. 3, Lane 238, Kangle St., Neihu Chiu, Taipei, Taiwan 114, R.O.C.         TEL       : 886-2-2631-4739         FAX       : 886-2-2631-9740         JUNGHE       ADD       : 7Fl., No. 758, Jungjeng Rd., Junghe City, Taipei, Taiwan 235, R.O.C.         TEL       : 886-2-8227-2020         FAX       : 886-2-8227-2626         NEIHU       ADD       : 4Fl., No. 339, Hsin Hu 2 <sup>nd</sup> Rd., Taipei 114, Taiwan, R.O.C.         TEL       : 886-2-2794-8886         FAX       : 886-2-2794-9777         JHUBEI       ADD       : No.8, Lane 724, Bo-ai St., Jhubei City, HsinChu County 302, Taiwan, R.O.C.         TEL       : 886-3-656-9065		TEL	:	886-2-2601-1640
TEL : 886-2-2631-4739  FAX : 886-2-2631-9740  JUNGHE ADD : 7FI., No. 758, Jungjeng Rd., Junghe City, Taipei, Taiwan 235, R.O.C.  TEL : 886-2-8227-2020  FAX : 886-2-8227-2626  NEIHU ADD : 4FI., No. 339, Hsin Hu 2 <sup>nd</sup> Rd., Taipei 114, Taiwan, R.O.C.  TEL : 886-2-2794-8886  FAX : 886-2-2794-9777  JHUBEI ADD : No.8, Lane 724, Bo-ai St., Jhubei City, HsinChu County 302, Taiwan, R.O.C.  TEL : 886-3-656-9065		FAX	:	886-2-2601-1695
FAX : 886-2-2631-9740  JUNGHE ADD : 7FI., No. 758, Jungjeng Rd., Junghe City, Taipei, Taiwan 235, R.O.C.  TEL : 886-2-8227-2020  FAX : 886-2-8227-2626  NEIHU ADD : 4FI., No. 339, Hsin Hu 2 <sup>nd</sup> Rd., Taipei 114, Taiwan, R.O.C.  TEL : 886-2-2794-8886  FAX : 886-2-2794-9777  JHUBEI ADD : No.8, Lane 724, Bo-ai St., Jhubei City, HsinChu County 302, Taiwan, R.O.C.  TEL : 886-3-656-9065	DUNGHU	ADD	:	No. 3, Lane 238, Kangle St., Neihu Chiu, Taipei, Taiwan 114, R.O.C.
JUNGHE ADD : 7Fl., No. 758, Jungjeng Rd., Junghe City, Taipei, Taiwan 235, R.O.C.  TEL : 886-2-8227-2020  FAX : 886-2-8227-2626  NEIHU ADD : 4Fl., No. 339, Hsin Hu 2 <sup>nd</sup> Rd., Taipei 114, Taiwan, R.O.C.  TEL : 886-2-2794-8886  FAX : 886-2-2794-9777  JHUBEI ADD : No.8, Lane 724, Bo-ai St., Jhubei City, HsinChu County 302, Taiwan, R.O.C.  TEL : 886-3-656-9065		TEL	:	886-2-2631-4739
TEL : 886-2-8227-2020  FAX : 886-2-8227-2626  NEIHU ADD : 4FI., No. 339, Hsin Hu 2 <sup>nd</sup> Rd., Taipei 114, Taiwan, R.O.C.  TEL : 886-2-2794-8886  FAX : 886-2-2794-9777  JHUBEI ADD : No.8, Lane 724, Bo-ai St., Jhubei City, HsinChu County 302, Taiwan, R.O.C.  TEL : 886-3-656-9065		FAX	:	886-2-2631-9740
FAX : 886-2-8227-2626  NEIHU ADD : 4FI., No. 339, Hsin Hu 2 <sup>nd</sup> Rd., Taipei 114, Taiwan, R.O.C.  TEL : 886-2-2794-8886  FAX : 886-2-2794-9777  JHUBEI ADD : No.8, Lane 724, Bo-ai St., Jhubei City, HsinChu County 302, Taiwan, R.O.C.  TEL : 886-3-656-9065	JUNGHE	ADD	:	7FI., No. 758, Jungjeng Rd., Junghe City, Taipei, Taiwan 235, R.O.C.
NEIHU       ADD : 4Fl., No. 339, Hsin Hu 2 <sup>nd</sup> Rd., Taipei 114, Taiwan, R.O.C.         TEL : 886-2-2794-8886         FAX : 886-2-2794-9777         JHUBEI       ADD : No.8, Lane 724, Bo-ai St., Jhubei City, HsinChu County 302, Taiwan, R.O.C.         TEL : 886-3-656-9065		TEL	:	886-2-8227-2020
TEL : 886-2-2794-8886  FAX : 886-2-2794-9777  JHUBEI ADD : No.8, Lane 724, Bo-ai St., Jhubei City, HsinChu County 302, Taiwan, R.O.C.  TEL : 886-3-656-9065		FAX	:	886-2-8227-2626
FAX : 886-2-2794-9777  JHUBEI ADD : No.8, Lane 724, Bo-ai St., Jhubei City, HsinChu County 302, Taiwan, R.O.C.  TEL : 886-3-656-9065	NEIHU	ADD	:	4FI., No. 339, Hsin Hu 2 <sup>nd</sup> Rd., Taipei 114, Taiwan, R.O.C.
JHUBEI ADD : No.8, Lane 724, Bo-ai St., Jhubei City, HsinChu County 302, Taiwan, R.O.C. TEL : 886-3-656-9065		TEL	:	886-2-2794-8886
TEL : 886-3-656-9065		FAX	:	886-2-2794-9777
	JHUBEI	ADD	:	No.8, Lane 724, Bo-ai St., Jhubei City, HsinChu County 302, Taiwan, R.O.C.
FAX : 886-3-656-9085		TEL	:	886-3-656-9065
		FAX	:	886-3-656-9085

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 : TOR-SS300AT

FCC TEST REPORT Report No.: FR843032-05AN

## 6 TAF CERTIFICATE OF ACCREDITATION



Certificate No. : L1190-070110

## 財團法人全國認證基金會 Taiwan Accreditation Foundation

# Certificate of Accreditation

This is to certify that

# Sporton International Inc.

EMC & Wireless Communications Laboratory

No.52, Hwa Ya 1st Rd., Hwa Ya Technology Park, Kwei-Shan Hsiang, Tao Yuan Hsien, Taiwan, R.O.C.

## is accredited in respect of laboratory

Accreditation Criteria

: ISO/IEC 17025:2005

Accreditation Number

1190

Originally Accredited

December 15, 2003

Effective Period

January 10, 2007 to January 09, 2010

Accredited Scope

: Testing Field, see described in the Appendix

.....

Accreditation Program for Designated Testing Laboratory

Specific Accreditation

for Commodities Inspection

Program

Accreditation Program for Telecommunication Equipment

Testing Laboratory

Jay-San Chen

President, Taiwan Accreditation Foundation

Date : January 10, 2007

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The Appendix forms an integral part of this Certificate, which shall be invalid when used without the Appendix.

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