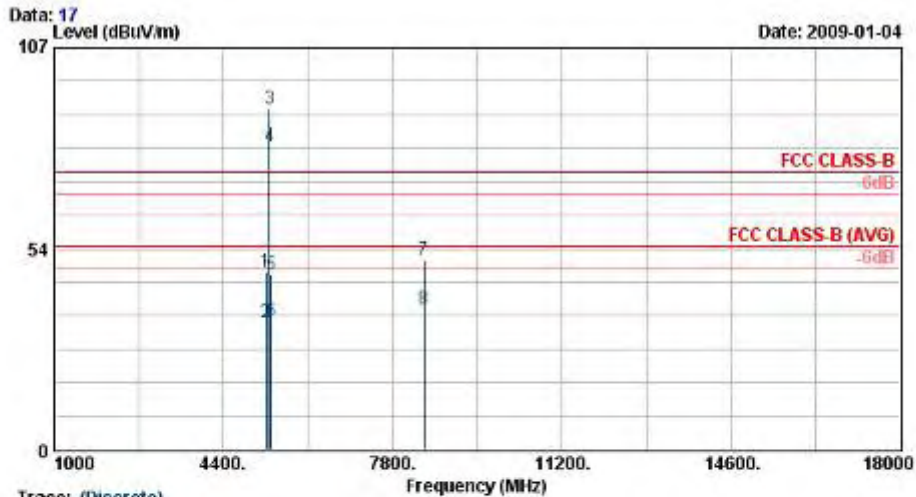




Test Mode :	Mode 11	Temperature :	21~24°C
Test Channel :	64 802.11n (BW 20M, SISO)	Relative Humidity :	41~49%
Test Engineer :	Sun Wang	Polarization :	Horizontal
Remark :	#3 and #4 are Fundamental Signals		



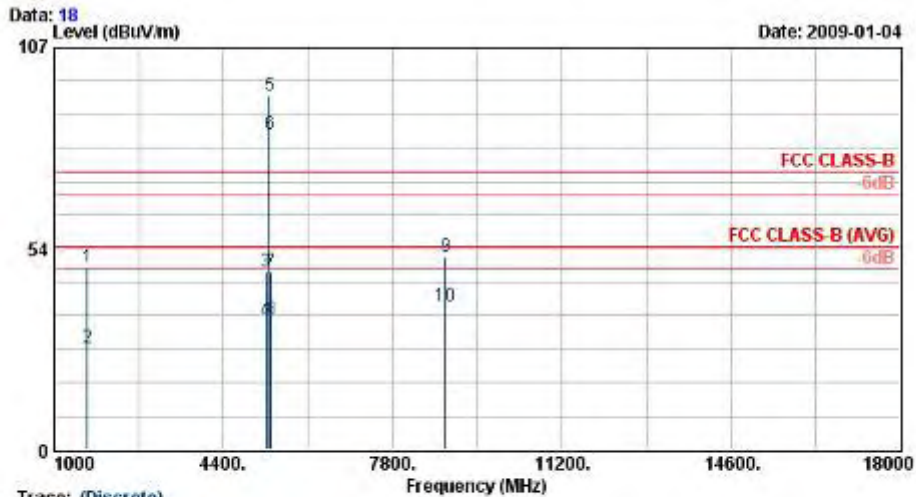
Trace: (Discrete)

Site : 00CH06-RV  
Condition : FCC CLASS-B 3m RF-ANT(8-18C)\_081001 HORIZONTAL  
Model : FR 8N2104  
Mode : 11n (20M) , Ant C , Tx\_CH64

	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	Ant	Table	Remark
	MHz	dBUV/m	dB	dBUV/m	dBUV	dB/m	dB	dB	cm	deg
1	5250.00	47.18	-26.82	74.00	42.69	34.55	6.04	36.10	100	0 Peak
2	5250.00	33.87	-20.13	54.00	29.38	34.55	6.04	36.10	100	343 Average
3 X	5320.00	90.82			86.28	34.56	6.08	36.10	100	0 Peak
4 X	5320.00	80.73			76.19	34.56	6.08	36.10	100	343 Average
5	5350.00	46.65	-27.35	74.00	42.09	34.57	6.09	36.10	100	0 Peak
6	5350.00	34.07	-19.93	54.00	29.51	34.57	6.09	36.10	100	343 Average
7	8422.00	50.67	-23.33	74.00	44.44	35.70	7.23	36.70	100	0 Peak
8	8422.00	37.54	-16.46	54.00	31.31	35.70	7.23	36.70	100	233 Average



Test Mode :	Mode 11	Temperature :	21~24°C
Test Channel :	64 802.11n (BW 20M, SISO)	Relative Humidity :	41~49%
Test Engineer :	Sun Wang	Polarization :	Vertical
Remark :	#5 and #6 are Fundamental Signals		



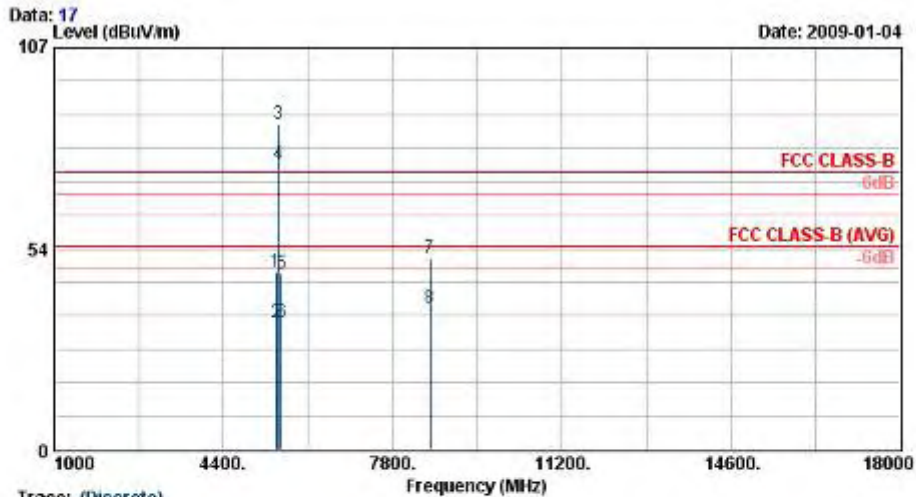
Site : 09CH06-HY  
 Condition : FCC CLASS-B 3m HF-ANT(8-18C)\_081001 VERTICAL  
 Model : FR 8N2104  
 Mode : 11n (20M) , Ant C , Tx\_CH64

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	1662.00	48.37	-25.63	74.00	52.59	29.17	3.01	36.41	100	0 Peak
2	1662.00	27.24	-26.76	54.00	31.47	29.17	3.01	36.41	100	337 Average
3	5250.00	47.21	-26.79	74.00	42.73	34.55	6.04	36.10	100	0 Peak
4	5250.00	34.05	-19.95	54.00	29.56	34.55	6.04	36.10	108	72 Average
5 X	5320.00	94.35			89.81	34.56	6.08	36.10	100	0 Peak
6 @	5320.00	83.92			79.38	34.56	6.08	36.10	108	72 Average
7	5350.00	47.36	-26.64	74.00	42.80	34.57	6.09	36.10	100	0 Peak
8	5350.00	34.66	-19.34	54.00	30.10	34.57	6.09	36.10	108	72 Average
9	8860.00	51.19	-22.81	74.00	44.33	36.05	7.65	36.84	100	0 Peak
10	8860.00	38.18	-15.82	54.00	31.32	36.05	7.65	36.84	100	50 Average



Test Mode :	Mode 12	Temperature :	21~24°C
Test Channel :	100 802.11n (BW 20M, SISO)	Relative Humidity :	41~49%
Test Engineer :	Sun Wang	Polarization :	Horizontal
Remark :	#3 and #4 are Fundamental Signals		



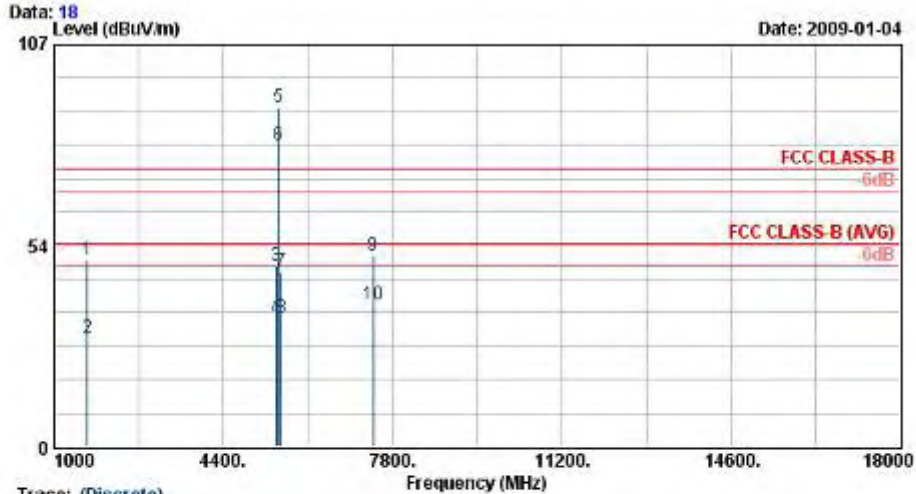
Trace: (Discrete)

Site : 00CH06-RV  
Condition : FCC CLASS-B 3m RF-ANT(B-18C)\_081001 HORIZONTAL  
Model : FR 8N2104  
Mode : 11n (20M) , Ant B , Tx\_CH100

	Freq	Level	Over Limit	Limit Line	ReadAntenna	Cable	Preamp	Ant	Table	Remark
	MHz	dBUV/m	dB	dBUV/m	dBUV	dB/m	dB	dB	cm	deg
1	5460.00	47.23	-26.77	74.00	42.58	34.59	6.16	36.10	100	0 Peak
2	5460.00	33.81	-20.19	54.00	29.16	34.59	6.16	36.10	100	298 Average
3 X	5500.00	88.76			82.07	34.60	6.19	36.11	100	0 Peak
4 @	5500.00	76.12			71.43	34.60	6.19	36.10	100	298 Average
5	5560.00	46.77	-27.23	74.00	41.98	34.67	6.24	36.12	100	0 Peak
6	5560.00	33.96	-20.04	54.00	29.17	34.67	6.24	36.12	100	298 Average
7	8550.00	50.77	-23.23	74.00	44.47	35.75	7.27	36.72	100	0 Peak
8	8550.00	37.67	-16.33	54.00	31.37	35.75	7.27	36.72	100	21 Average



Test Mode :	Mode 12	Temperature :	21~24°C
Test Channel :	100 802.11n (BW 20M, SISO)	Relative Humidity :	41~49%
Test Engineer :	Sun Wang	Polarization :	Vertical
Remark :	#5 and #6 are Fundamental Signals		



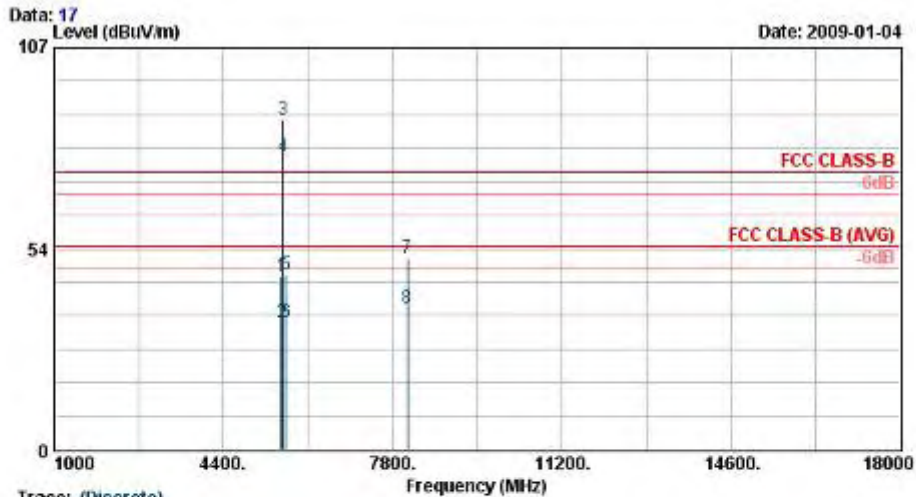
Trace: (Discrete)

Site : 03CH06-HY  
Condition : FCC CLASS-B 3m HF-ANT(8-16C)\_081001 VERTICAL  
Model : FR 8N2104  
Mode : 11n (20M) , Ant B , Tx\_CH100

	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	Ant	Table	Remark
	MHz	dBUV/m	dB	dBUV/m	dBUV	dB/m	dB	dB	cm	deg
1	1668.00	49.92	-24.08	74.00	54.14	29.17	3.01	36.41	100	0 Peak
2	1668.00	28.86	-25.14	54.00	33.09	29.17	3.01	36.41	100	312 Average
3	5460.00	48.23	-25.77	74.00	43.58	34.59	6.16	36.10	100	0 Peak
4	5460.00	34.40	-19.60	54.00	29.75	34.59	6.16	36.10	148	10 Average
5 X	5500.00	90.30			85.71	34.60	6.18	36.10	100	0 Peak
6 @	5500.00	80.30			75.81	34.60	6.19	36.10	148	10 Average
7	5560.00	46.48	-27.52	74.00	41.69	34.67	6.24	36.12	100	0 Peak
8	5560.00	34.21	-19.79	54.00	29.42	34.67	6.24	36.12	148	10 Average
9	7404.00	50.76	-23.24	74.00	44.55	35.53	7.24	36.56	100	0 Peak
10	7404.00	37.81	-16.19	54.00	31.60	35.53	7.24	36.56	100	291 Average



Test Mode :	Mode 13	Temperature :	21~24°C
Test Channel :	120 802.11n (BW 20M, SISO)	Relative Humidity :	41~49%
Test Engineer :	Sun Wang	Polarization :	Horizontal
Remark :	#3 and #4 are Fundamental Signals		

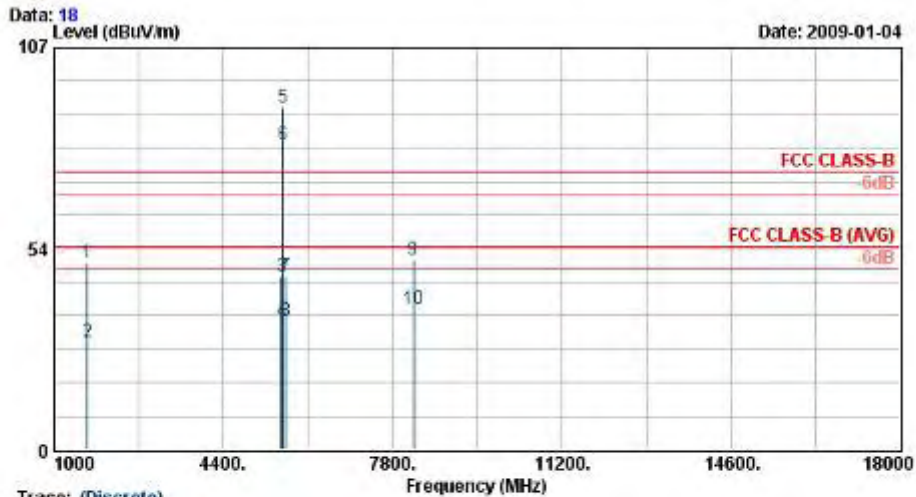


Site : 00CH06-RV  
Condition : FCC CLASS-B 3m RF-ANT(8-18C)\_081001 HORIZONTAL  
Model : FR 8N2104  
Mode : 11n (20M) , Ant B , Tx\_CH120

	Freq	Level	Over Limit	Limit Line	ReadAntenna	Cable	Preamp	Ant	Table	Remark
	MHz	dBUV/m	dB	dBUV/m	dBUV	dB/m	dB	dB	cm	deg
1	5560.00	46.02	-27.98	74.00	41.23	34.67	6.24	36.12	100	0 Peak
2	5560.00	33.91	-20.09	54.00	29.12	34.67	6.24	36.12	100	298 Average
3 X	5600.00	88.06			83.18	34.72	6.28	36.12	100	0 Peak
4 @	5600.00	77.82			72.91	34.74	6.28	36.12	100	298 Average
5	5660.00	46.61	-27.39	74.00	41.60	34.82	6.33	36.14	100	0 Peak
6	5660.00	33.93	-20.07	54.00	28.92	34.82	6.33	36.14	100	298 Average
7	8102.00	50.85	-23.15	74.00	44.40	35.70	7.45	36.70	100	0 Peak
8	8102.00	37.65	-16.35	54.00	31.20	35.70	7.45	36.70	100	288 Average



Test Mode :	Mode 13	Temperature :	21~24°C
Test Channel :	120 802.11n (BW 20M, SISO)	Relative Humidity :	41~49%
Test Engineer :	Sun Wang	Polarization :	Vertical
Remark :	#5 and #6 are Fundamental Signals		



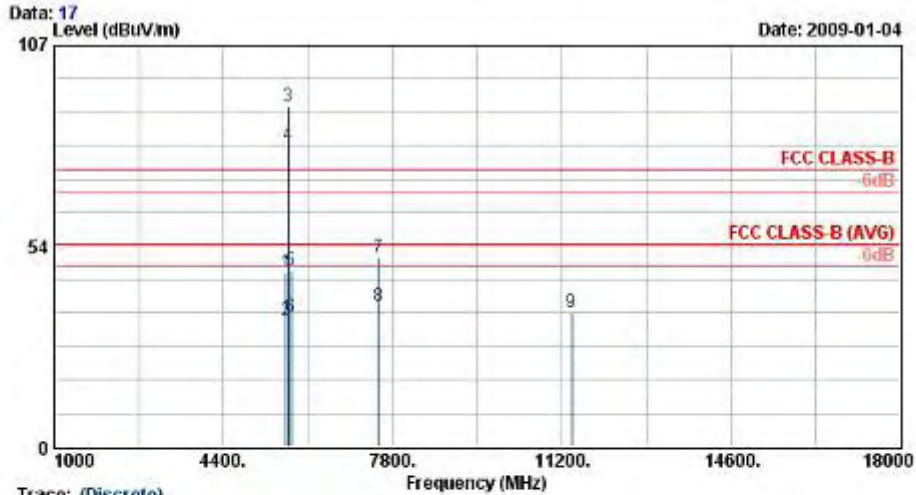
Site : 03CH06-HY  
 Condition : FCC CLASS-B 3m HF-ANT(8-18C)\_081001 VERTICAL  
 Model : FR 8N2104  
 Mode : 11n (20M) , Ant B , Tx\_CH120

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	1662.00	49.64	-24.36	74.00	53.87	29.17	3.01	36.41	100	0 Peak
2	1662.00	28.56	-25.44	54.00	32.79	29.17	3.01	36.41	100	230 Average
3	5560.00	46.28	-27.72	74.00	41.49	34.67	6.24	36.12	100	0 Peak
4	5560.00	34.21	-19.79	54.00	29.42	34.67	6.24	36.12	108	9 Average
5 X	5800.00	91.13			88.24	34.72	6.28	36.12	100	0 Peak
6 @	5800.00	80.97			76.06	34.74	6.28	36.12	108	9 Average
7	5860.00	46.19	-27.81	74.00	41.18	34.82	6.33	36.14	100	0 Peak
8	5860.00	34.11	-19.89	54.00	29.10	34.82	6.33	36.14	108	9 Average
9	8214.00	50.52	-23.48	74.00	44.15	35.70	7.37	36.70	100	0 Peak
10	8214.00	37.47	-16.53	54.00	31.10	35.70	7.37	36.70	100	68 Average



Test Mode :	Mode 14	Temperature :	21~24°C
Test Channel :	140 802.11n (BW 20M, SISO)	Relative Humidity :	41~49%
Test Engineer :	Sun Wang	Polarization :	Horizontal
Remark :	#3 and #4 are Fundamental Signals		

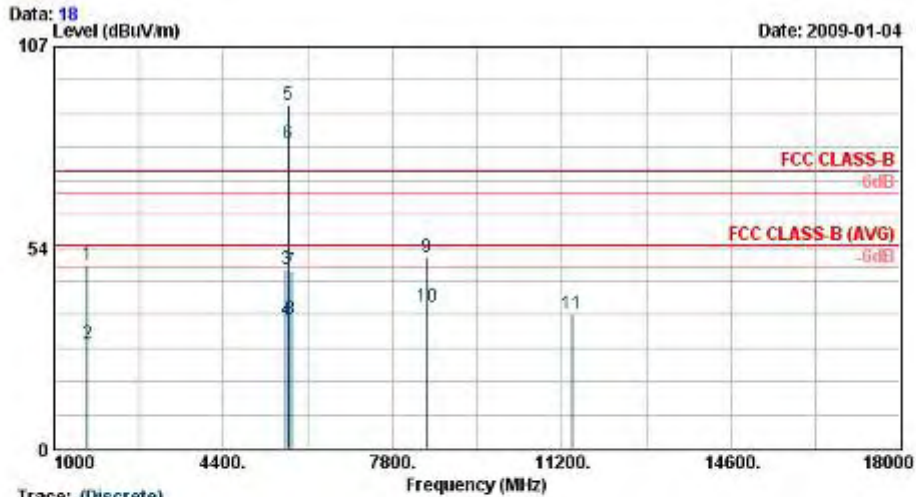


Trace: (Discrete)  
Site : 03CH06-RV  
Condition : FCC CLASS-B 3m HF-ANT(6-16G)\_081031 HORIZONTAL  
Model : FR 8N2104  
Mode : 11n (20M) , Ant B , Tx\_CH140

	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	Ant	Table	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1	5660.00	46.71	-27.29	74.00	41.70	34.82	6.33	36.14	100	0 Peak
2	5660.00	33.97	-20.03	54.00	28.96	34.82	6.33	36.14	107	298 Average
3 X	5700.00	80.64			85.54	34.87	6.37	36.14	100	0 Peak
4 X	5700.00	80.44			75.34	34.87	6.37	36.14	107	298 Average
5	5780.00	46.99	-27.01	74.00	41.76	34.96	6.42	36.16	100	0 Peak
6	5780.00	34.57	-19.43	54.00	29.34	34.96	6.42	36.16	107	298 Average
7	7516.00	50.55	-23.45	74.00	44.37	35.51	7.28	36.61	100	0 Peak
8	7516.00	37.42	-18.58	54.00	31.24	35.51	7.28	36.61	100	348 Average
9	11400.00	35.80	-38.20	74.00	73.19	-9.84	8.79	36.34	100	0 Peak



Test Mode :	Mode 14	Temperature :	21~24°C
Test Channel :	140 802.11n (BW 20M, SISO)	Relative Humidity :	41~49%
Test Engineer :	Sun Wang	Polarization :	Vertical
Remark :	#5 and #6 are Fundamental Signals		



Trace: (Discrete)

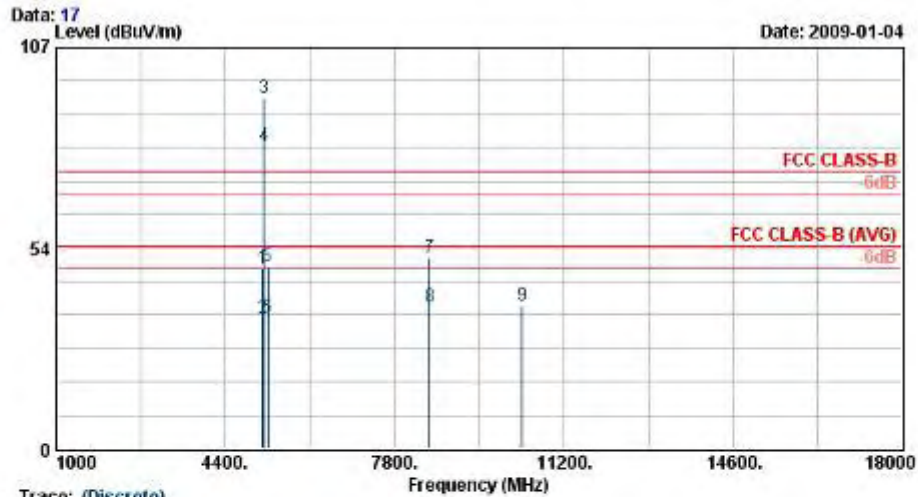
Site : 03CH06-RY  
Condition : FCC CLASS-B 3m RF-ANT(8-18C)\_081031 VERTICAL  
Model : FR 8N2104  
Mode : 11n (20M), Ant B, Tx\_CH140

	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	1662.00	49.06	-24.94	74.00	53.28	29.17	3.01	36.41	100	0	Peak
2	1662.00	27.97	-26.03	54.00	32.20	29.17	3.01	36.41	100	151	Average
3	5660.00	47.59	-26.41	74.00	42.58	34.82	6.33	36.14	100	0	Peak
4	5660.00	34.07	-19.93	54.00	29.06	34.82	6.33	36.14	100	43	Average
5 X	5700.00	91.44			88.32	34.89	6.37	36.15	100	0	Peak
6 @	5700.00	81.04			75.94	34.87	6.37	36.14	100	43	Average
7	5760.00	47.23	-26.77	74.00	42.00	34.96	6.42	36.16	100	0	Peak
8	5760.00	34.58	-19.42	54.00	29.35	34.96	6.42	36.16	100	43	Average
9	8486.00	50.84	-23.16	74.00	44.66	35.70	7.18	36.70	100	0	Peak
10	8486.00	37.77	-16.23	54.00	31.59	35.70	7.18	36.70	100	88	Average
11	11400.00	35.67	-38.33	74.00	73.06	-9.84	8.79	36.34	100	0	Peak





Test Mode :	Mode 15	Temperature :	21~24°C
Test Channel :	36 802.11n (BW 20M, 2Tx)	Relative Humidity :	41~49%
Test Engineer :	Sun Wang	Polarization :	Horizontal
Remark :	#3 and #4 are Fundamental Signals		



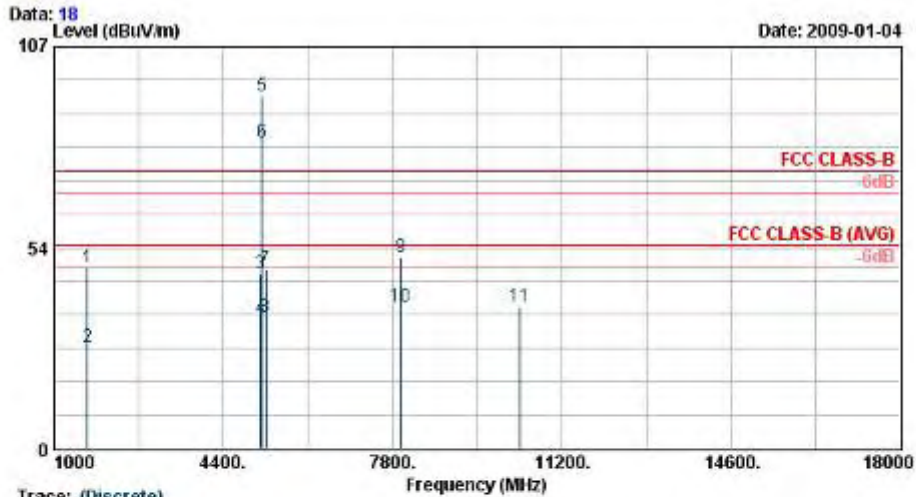
Trace: (Discrete)

Site : 03CH06-RV  
Condition : FCC CLASS-B 3m HF-ANT(6-16C)\_061031 HORIZONTAL  
Model : FR 802104  
Mode : 11n (20M) , Ant A+B , Tx\_CH36

	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	48.30	-25.70	74.00	43.89	34.53	5.98	36.10	100	0 Peak
2	5150.00	34.64	-19.36	54.00	30.23	34.53	5.98	36.10	195	262 Average
3 X	5180.00	93.38			88.95	34.54	6.00	36.10	100	0 Peak
4 X	5180.00	80.81			76.38	34.54	6.00	36.10	195	262 Average
5	5250.00	48.34	-25.66	74.00	43.85	34.55	6.04	36.10	100	0 Peak
6	5250.00	35.17	-18.83	54.00	30.88	34.55	6.04	36.10	195	262 Average
7	8508.00	50.83	-23.17	74.00	44.60	35.72	7.21	36.70	100	0 Peak
8	8508.00	37.64	-18.36	54.00	31.41	35.72	7.21	36.70	100	134 Average
9	10360.00	38.12	-35.88	74.00	75.88	-9.16	8.25	36.85	100	0 Peak



Test Mode :	Mode 15	Temperature :	21~24°C
Test Channel :	36 802.11n (BW 20M, 2Tx)	Relative Humidity :	41~49%
Test Engineer :	Sun Wang	Polarization :	Vertical
Remark :	#5 and #6 are Fundamental Signals		



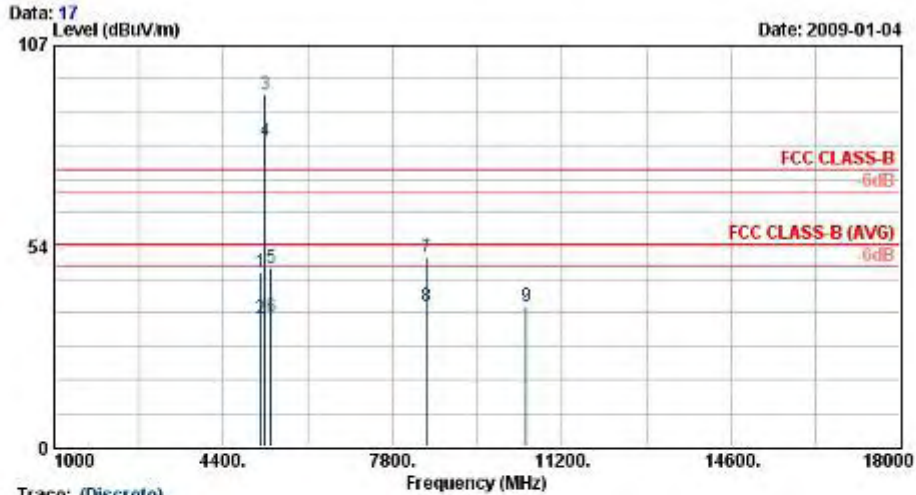
Trace: (Discrete)

Site : 03CH06-RY  
Condition : FCC CLASS-B 3m RF-ANT(8-18C)\_081031 VERTICAL  
Model : FR 8N2104  
Mode : 11n (20M) , Ant A+B , Tx\_CH36

	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	1662.00	48.13	-25.87	74.00	52.35	29.17	3.01	36.41	100	0	Peak
2	1662.00	27.08	-26.92	54.00	31.31	29.17	3.01	36.41	100	266	Average
3	5150.00	46.59	-27.41	74.00	42.18	34.53	5.98	36.10	100	0	Peak
4	5150.00	34.46	-19.54	54.00	30.05	34.53	5.98	36.10	102	294	Average
5 X	5180.00	93.97			89.54	34.54	6.00	36.10	100	0	Peak
6 @	5180.00	81.45			77.02	34.54	6.00	36.10	102	294	Average
7	5250.00	47.75	-26.25	74.00	43.26	34.55	6.04	36.10	100	0	Peak
8	5250.00	34.93	-19.07	54.00	30.44	34.55	6.04	36.10	102	294	Average
9	7966.00	51.09	-22.91	74.00	44.60	35.69	7.50	36.69	100	0	Peak
10	7966.00	37.93	-16.07	54.00	31.44	35.69	7.50	36.69	100	227	Average
11	10360.00	37.66	-36.34	74.00	75.42	-9.16	8.25	36.85	100	0	Peak



Test Mode :	Mode 16	Temperature :	21~24°C
Test Channel :	48 802.11n (BW 20M, 2Tx)	Relative Humidity :	41~49%
Test Engineer :	Sun Wang	Polarization :	Horizontal
Remark :	#3 and #4 are Fundamental Signals		



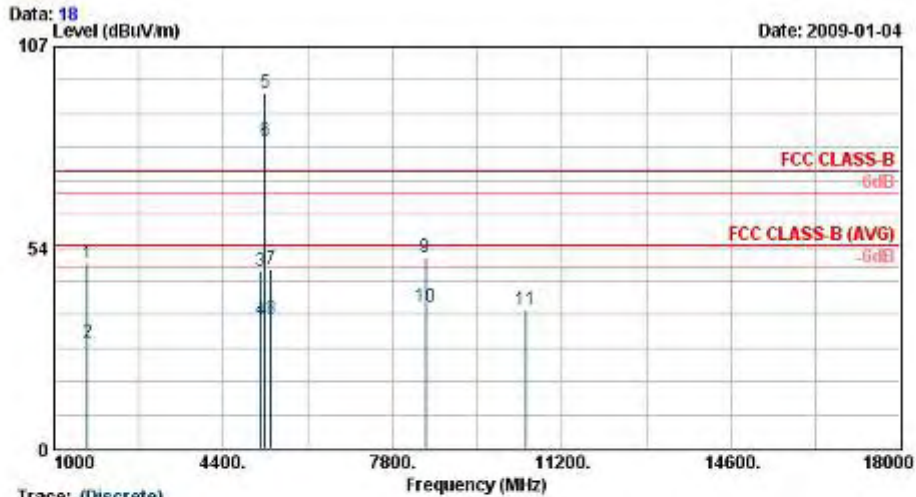
Trace: (Discrete)

Site : 03CH06-RV  
Condition : FCC CLASS-B 3m HF-ANT(8-18C)\_081031 HORIZONTAL  
Model : FR 8N2104  
Mode : 11n (20M) , Ant 4+8 , Tx\_CH48

	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	5150.00	46.67	-27.33	74.00	42.26	34.53	5.98	36.10	100	0	Peak
2	5150.00	34.17	-19.83	54.00	29.76	34.53	5.98	36.10	100	267	Average
3 X	5240.00	94.01			89.52	34.55	6.04	36.10	100	0	Peak
4 X	5240.00	81.52			77.04	34.55	6.04	36.10	100	267	Average
5	5350.00	47.73	-26.27	74.00	43.17	34.57	6.09	36.10	100	0	Peak
6	5350.00	34.58	-19.42	54.00	30.02	34.57	6.09	36.10	100	267	Average
7	8492.00	50.40	-23.60	74.00	44.22	35.70	7.18	36.70	100	0	Peak
8	8492.00	37.30	-16.70	54.00	31.12	35.70	7.18	36.70	100	66	Average
9	10480.00	37.47	-36.53	74.00	74.98	-9.08	8.30	36.73	100	0	Peak



Test Mode :	Mode 16	Temperature :	21~24°C
Test Channel :	48 802.11n (BW 20M, 2Tx)	Relative Humidity :	41~49%
Test Engineer :	Sun Wang	Polarization :	Vertical
Remark :	#5 and #6 are Fundamental Signals		



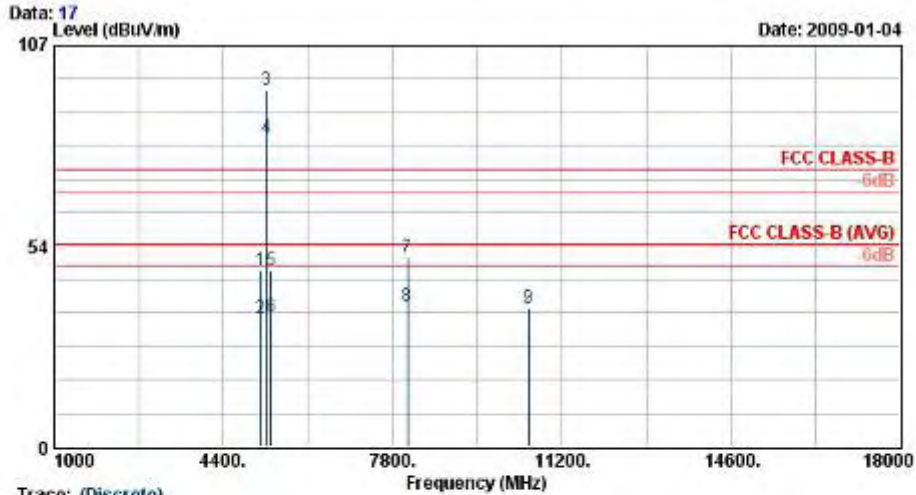
Trace: (Discrete)

Site : 03CH06-RY  
Condition : FCC CLASS-B 3m RF-ANT(8-18C)\_081031 VERTICAL  
Model : FR 8N2104  
Mode : 11n (20M) , Ant A+B , Tx\_CH48

	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	1668.00	49.36	-24.64	74.00	53.59	29.17	3.01	36.41	100	0	Peak
2	1668.00	28.18	-25.82	54.00	32.41	29.17	3.01	36.41	100	29	Average
3	5150.00	47.18	-26.82	74.00	42.77	34.53	5.98	36.10	100	0	Peak
4	5150.00	34.18	-19.82	54.00	29.77	34.53	5.98	36.10	114	285	Average
5 X	5240.00	94.62			90.14	34.55	6.04	36.10	100	0	Peak
6 @	5240.00	82.02			77.54	34.55	6.04	36.10	114	285	Average
7	5350.00	47.56	-26.44	74.00	43.00	34.57	6.09	36.10	100	0	Peak
8	5350.00	34.55	-19.45	54.00	29.99	34.57	6.09	36.10	114	285	Average
9	8460.00	50.88	-23.12	74.00	44.68	35.70	7.20	36.70	100	0	Peak
10	8460.00	37.72	-16.28	54.00	31.52	35.70	7.20	36.70	100	219	Average
11	10480.00	37.16	-36.84	74.00	74.67	-9.08	8.30	36.73	100	0	Peak



Test Mode :	Mode 17	Temperature :	21~24°C
Test Channel :	52 802.11n (BW 20M, 2Tx)	Relative Humidity :	41~49%
Test Engineer :	Sun Wang	Polarization :	Horizontal
Remark :	#3 and #4 are Fundamental Signals		



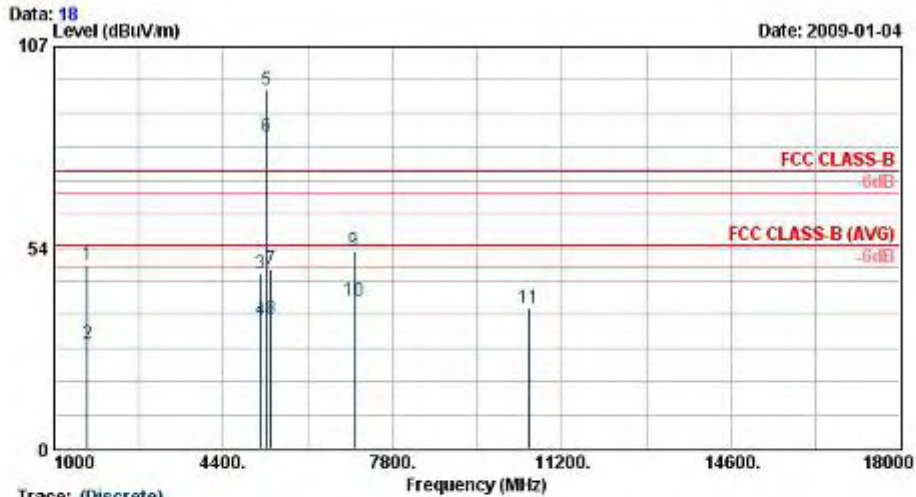
Trace: (Discrete)

Site : 03CH06-RV  
Condition : FCC CLASS-B 3m HF-ANT(6-16C)\_081031 HORIZONTAL  
Model : FR 8N2104  
Mode : 11n (20M) , Ant A+B , Tx\_CH52

	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	5150.00	46.97	-27.03	74.00	42.56	34.53	5.98	36.10	100	0	Peak
2	5150.00	34.04	-19.96	54.00	29.63	34.53	5.98	36.10	100	265	Average
3 X	5260.00	95.09			90.59	34.55	6.05	36.10	100	0	Peak
4 X	5260.00	82.33			77.82	34.55	6.05	36.10	100	265	Average
5	5350.00	46.97	-27.03	74.00	42.41	34.57	6.09	36.10	100	0	Peak
6	5350.00	34.54	-19.46	54.00	29.98	34.57	6.09	36.10	100	265	Average
7	8100.00	50.54	-23.46	74.00	44.09	35.70	7.45	36.70	100	0	Peak
8	8100.00	37.45	-16.55	54.00	31.00	35.70	7.45	36.70	100	20	Average
9	10520.00	37.15	-36.85	74.00	74.61	-9.09	8.34	36.70	100	0	Peak



Test Mode :	Mode 17	Temperature :	21~24°C
Test Channel :	52 802.11n (BW 20M, 2Tx)	Relative Humidity :	41~49%
Test Engineer :	Sun Wang	Polarization :	Vertical
Remark :	#5 and #6 are Fundamental Signals		



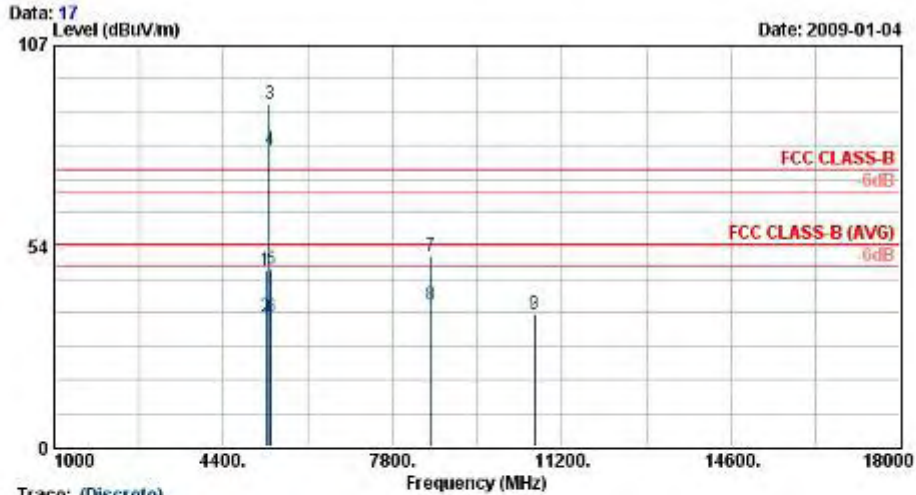
Trace: (Discrete)

Site : 03CH06-RY  
Condition : FCC CLASS-B 3m RF-ANT(B-18C)\_081031 VERTICAL  
Model : FR 8N2104  
Mode : 11n (20M) , Ant A+B , Tx\_CH52

	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	1668.00	49.04	-24.96	74.00	53.27	29.17	3.01	36.41	100	0	Peak
2	1668.00	27.95	-26.05	54.00	32.18	29.17	3.01	36.41	100	61	Average
3	5150.00	46.45	-27.55	74.00	42.04	34.53	5.98	36.10	100	0	Peak
4	5150.00	34.01	-19.99	54.00	29.80	34.53	5.98	36.10	100	290	Average
5 X	5260.00	95.36			90.86	34.55	6.05	36.10	100	0	Peak
6 @	5260.00	83.08			78.57	34.55	6.05	36.10	100	290	Average
7	5350.00	47.60	-26.40	74.00	43.04	34.57	6.09	36.10	100	0	Peak
8	5350.00	34.55	-19.45	54.00	29.99	34.57	6.09	36.10	100	290	Average
9	7012.00	52.50	-21.50	74.00	46.13	35.69	7.09	36.41	100	0	Peak
10	7012.00	39.36	-14.64	54.00	32.99	35.69	7.09	36.41	100	225	Average
11	10520.00	37.39	-36.61	74.00	74.85	-9.09	8.34	36.70	100	0	Peak



Test Mode :	Mode 18	Temperature :	21~24°C
Test Channel :	64 802.11n (BW 20M, 2Tx)	Relative Humidity :	41~49%
Test Engineer :	Sun Wang	Polarization :	Horizontal
Remark :	#3 and #4 are Fundamental Signals		

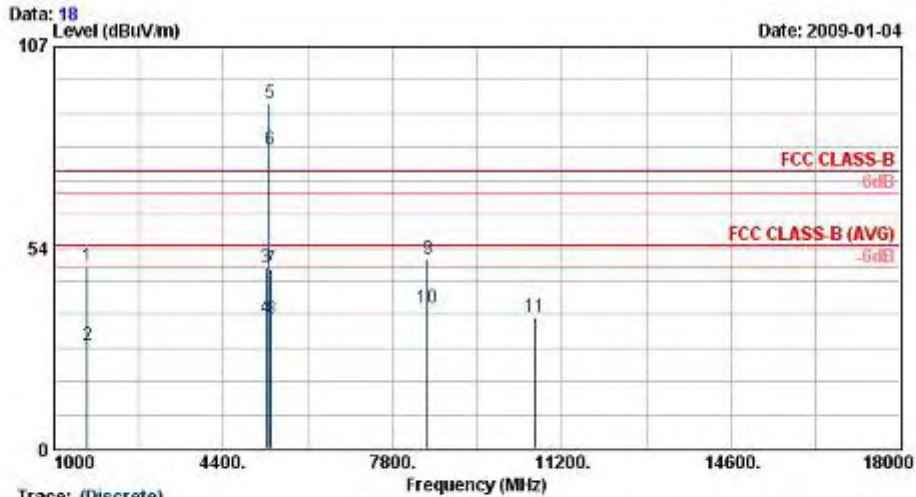


Trace: (Discrete)  
 Site : 03CH06-RV  
 Condition : FCC CLASS-B 3m HF-ANT(6-16C)\_061031 HORIZONTAL  
 Model : FR 802104  
 Mode : 11n (20M) , Ant 4+8 , Tx\_CH04

	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	5250.00	47.12	-26.88	74.00	42.63	34.55	6.04	36.10	100	0	Peak
2	5250.00	34.48	-19.52	54.00	28.99	34.55	6.04	36.10	174	350	Average
3 X	5320.00	91.40			86.86	34.56	6.08	36.10	100	0	Peak
4 X	5320.00	79.00			74.46	34.56	6.08	36.10	174	350	Average
5	5350.00	47.33	-26.67	74.00	42.77	34.57	6.09	36.10	100	0	Peak
6	5350.00	34.67	-19.33	54.00	30.11	34.57	6.09	36.10	174	350	Average
7	8556.00	50.84	-23.16	74.00	44.54	35.75	7.27	36.72	100	0	Peak
8	8556.00	37.67	-18.33	54.00	31.37	35.75	7.27	36.72	100	178	Average
9	10640.00	35.37	-38.63	74.00	72.79	-9.24	8.46	36.65	100	0	Peak



Test Mode :	Mode 18	Temperature :	21~24°C
Test Channel :	64 802.11n (BW 20M, 2Tx)	Relative Humidity :	41~49%
Test Engineer :	Sun Wang	Polarization :	Vertical
Remark :	#5 and #6 are Fundamental Signals		



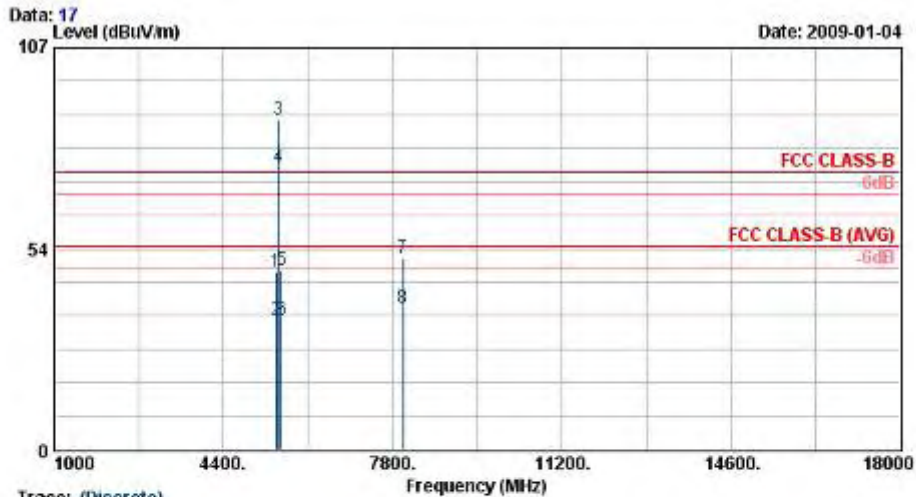
Trace: (Discrete)  
 Site : 03CH06-RY  
 Condition : FCC CLASS-B 3m RF-ANT(8-18C)\_081031 VERTICAL  
 Model : FR 8N2104  
 Mode : 11n (20M) , Ant A+B , Tx\_CH64

	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	Ant	Table	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	Loss	Factor	Pos	Pos	
					dB/m	dB	dB	cm	deg	
1	1662.00	48.59	-25.41	74.00	52.81	29.17	3.01	36.41	100	0 Peak
2	1662.00	27.51	-26.49	54.00	31.74	29.17	3.01	36.41	100	350 Average
3	5250.00	48.28	-25.72	74.00	43.79	34.55	6.04	36.10	100	0 Peak
4	5250.00	34.46	-19.54	54.00	29.97	34.55	6.04	36.10	100	335 Average
5 X	5320.00	91.69			87.15	34.56	6.08	36.10	100	0 Peak
6 @	5320.00	79.38			74.84	34.56	6.08	36.10	100	335 Average
7	5350.00	47.54	-26.46	74.00	42.98	34.57	6.09	36.10	100	0 Peak
8	5350.00	34.54	-19.46	54.00	29.98	34.57	6.09	36.10	100	335 Average
9	8510.00	50.45	-23.55	74.00	44.24	35.72	7.21	36.71	100	0 Peak
10	8510.00	37.52	-16.48	54.00	31.30	35.72	7.21	36.71	100	55 Average
11	10640.00	34.87	-39.13	74.00	72.29	-9.24	8.46	36.65	100	0 Peak





Test Mode :	Mode 19	Temperature :	21~24°C
Test Channel :	100 802.11n (BW 20M, 2Tx)	Relative Humidity :	41~49%
Test Engineer :	Sun Wang	Polarization :	Horizontal
Remark :	#3 and #4 are Fundamental Signals		

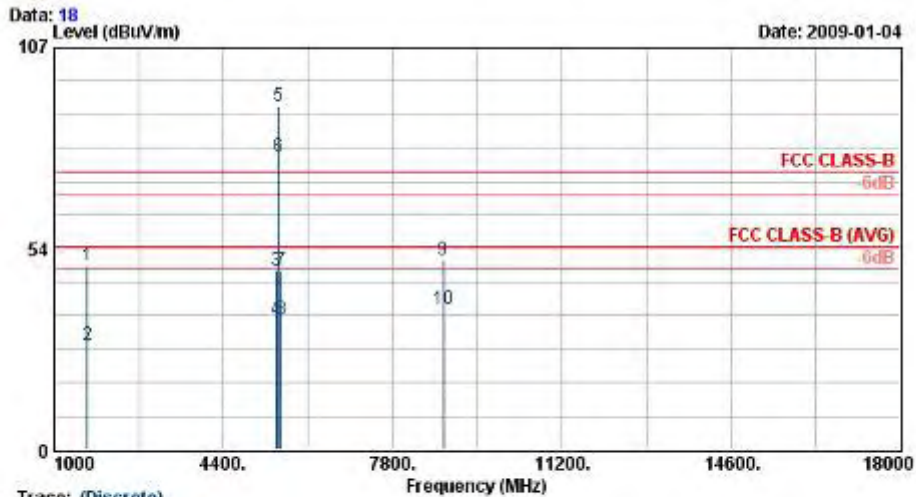


Site : 00CH06-RV  
Condition : FCC CLASS-B 3m RF-ANT(8-16C)\_081001 HORIZONTAL  
Model : FR 8N2104  
Mode : 11n (20M) , Ant A+B , Tx\_CH100

	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	Ant	Table	Remark
	MHz	dBUV/m	dB	dBUV/m	dBUV	dB/m	dB	dB	cm	deg
1	5460.00	47.32	-26.68	74.00	42.67	34.59	6.16	36.10	100	0 Peak
2	5460.00	34.44	-19.56	54.00	29.79	34.59	6.16	36.10	100	300 Average
3 X	5500.00	87.92			83.23	34.60	6.19	36.11	100	0 Peak
4 @	5500.00	75.30			70.61	34.60	6.19	36.10	100	300 Average
5	5560.00	47.76	-26.24	74.00	42.96	34.67	6.24	36.12	100	0 Peak
6	5560.00	34.45	-19.55	54.00	29.66	34.67	6.24	36.12	100	300 Average
7	8006.00	50.84	-23.16	74.00	44.32	35.70	7.52	36.70	100	0 Peak
8	8006.00	37.67	-16.33	54.00	31.15	35.70	7.52	36.70	100	61 Average



Test Mode :	Mode 19	Temperature :	21~24°C
Test Channel :	100 802.11n (BW 20M, 2Tx)	Relative Humidity :	41~49%
Test Engineer :	Sun Wang	Polarization :	Vertical
Remark :	#5 and #6 are Fundamental Signals		



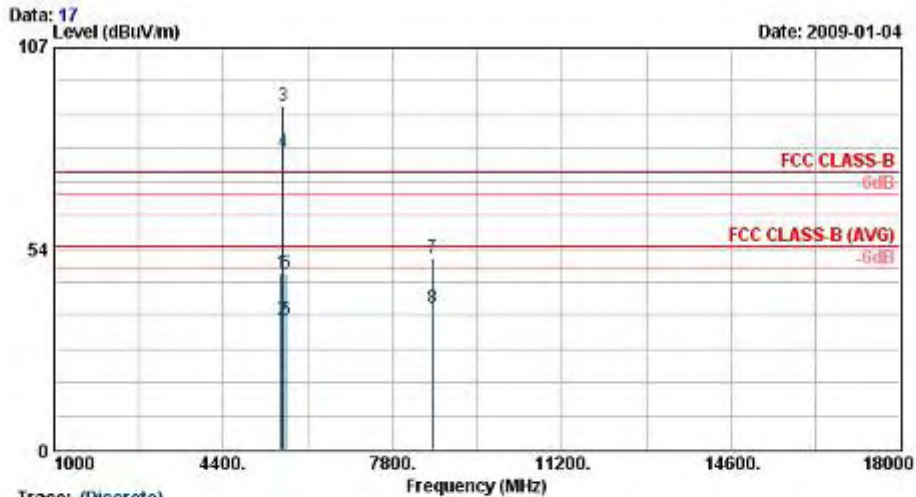
Site : 03CH06-HY  
 Condition : FCC CLASS-B 3m HF-ANT(8-18C)\_081001 VERTICAL  
 Model : FR 8N2104  
 Mode : 11n (20M) , Ant A+B , Tx\_CH100

Trace: (Discrete)

	Over	Limit	ReadAntenna	Cable	Preamp	Ant	Table	Remark		
Trace	Freq	Level	Line	Level	Factor	Loss	Factor	Pos	Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1	1668.00	49.03	-24.97	74.00	53.25	29.17	3.01	36.41	100	0 Peak
2	1668.00	27.88	-26.12	54.00	32.11	29.17	3.01	36.41	100	86 Average
3	5460.00	47.61	-26.39	74.00	42.96	34.59	6.16	36.10	100	0 Peak
4	5460.00	34.80	-19.20	54.00	30.15	34.59	6.16	36.10	148	12 Average
5 X	5500.00	91.33			86.65	34.60	6.19	36.11	100	0 Peak
6 @	5500.00	78.13			73.44	34.60	6.19	36.10	148	12 Average
7	5560.00	47.63	-26.37	74.00	42.83	34.67	6.24	36.12	100	0 Peak
8	5560.00	34.65	-19.35	54.00	29.86	34.67	6.24	36.12	148	12 Average
9	8820.00	50.52	-23.48	74.00	43.74	36.02	7.59	36.83	100	0 Peak
10	8820.00	37.51	-16.49	54.00	30.73	36.02	7.59	36.83	100	63 Average



Test Mode :	Mode 20	Temperature :	21~24°C
Test Channel :	120 802.11n (BW 20M, 2Tx)	Relative Humidity :	41~49%
Test Engineer :	Sun Wang	Polarization :	Horizontal
Remark :	#3 and #4 are Fundamental Signals		



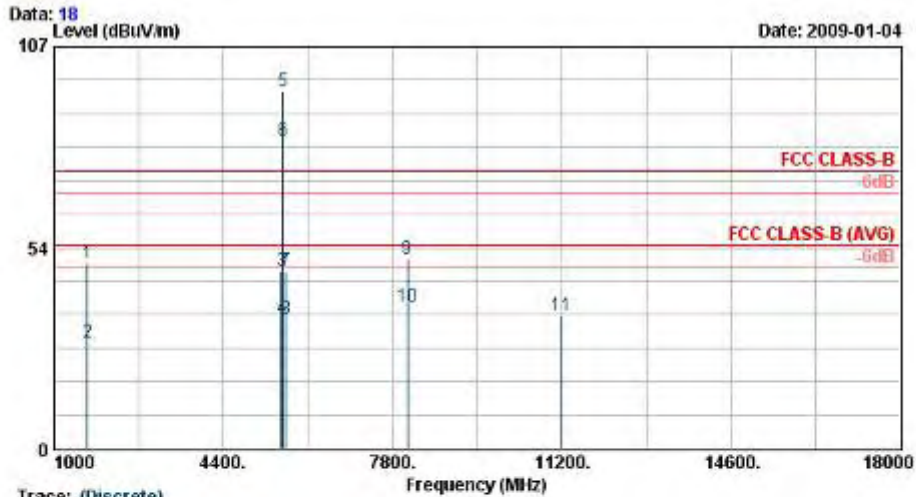
Site : 00CH06-RV  
 Condition : FCC CLASS-B 3m RF-ANT(8-18C)\_081001 HORIZONTAL  
 Model : FR 8N2104  
 Mode : 11n (20M) , Ant A+B , Tx\_CH120

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	5560.00	46.92	-27.08	74.00	42.13	34.67	6.24	36.12	100	0 Peak
2	5560.00	34.48	-19.52	54.00	29.69	34.67	6.24	36.12	100	298 Average
3 X	5600.00	91.57			86.71	34.72	6.26	36.12	100	0 Peak
4 X	5600.00	79.17			74.26	34.74	6.28	36.12	100	298 Average
5	5660.00	46.84	-27.16	74.00	41.83	34.82	6.33	36.14	100	0 Peak
6	5660.00	34.46	-19.54	54.00	29.45	34.82	6.33	36.14	100	298 Average
7	8612.00	50.79	-23.21	74.00	44.40	35.82	7.33	36.75	100	0 Peak
8	8612.00	37.68	-16.32	54.00	31.29	35.82	7.33	36.75	100	89 Average



Test Mode :	Mode 20	Temperature :	21~24°C
Test Channel :	120 802.11n (BW 20M, 2Tx)	Relative Humidity :	41~49%
Test Engineer :	Sun Wang	Polarization :	Vertical
Remark :	#5 and #6 are Fundamental Signals		



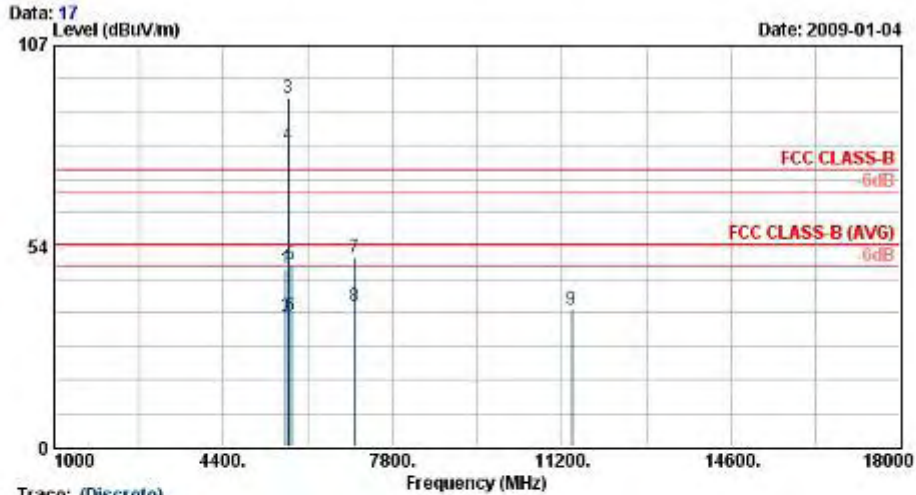
Trace: (Discrete)

Site : 03CH06-RY  
Condition : FCC CLASS-B 3m RP-ANT(8-18C)\_081031 VERTICAL  
Model : FR 8N2104  
Mode : 11n (20M) , Ant A+B , Tx\_CH120

	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	Ant	Table	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1	1668.00	49.45	-24.55	74.00	53.67	29.17	3.01	36.41	100	0 Peak
2	1668.00	28.33	-25.67	54.00	32.56	29.17	3.01	36.41	100	90 Average
3	5560.00	47.46	-26.54	74.00	42.66	34.67	6.24	36.12	100	0 Peak
4	5560.00	34.61	-19.39	54.00	29.82	34.67	6.24	36.12	156	7 Average
5 X	5800.00	94.87			89.97	34.74	6.28	36.13	100	0 Peak
6 @	5800.00	82.09			77.18	34.74	6.28	36.12	156	7 Average
7	5660.00	47.20	-26.80	74.00	42.19	34.82	6.33	36.14	100	0 Peak
8	5660.00	34.59	-19.41	54.00	29.58	34.82	6.33	36.14	156	7 Average
9	8103.00	50.67	-23.33	74.00	44.22	35.70	7.45	36.70	100	0 Peak
10	8103.00	37.64	-16.36	54.00	31.19	35.70	7.45	36.70	100	56 Average
11	11200.00	35.51	-38.49	74.00	72.86	-9.75	8.81	36.42	100	0 Peak



Test Mode :	Mode 21	Temperature :	21~24°C
Test Channel :	140 802.11n (BW 20M, 2Tx)	Relative Humidity :	41~49%
Test Engineer :	Sun Wang	Polarization :	Horizontal
Remark :	#3 and #4 are Fundamental Signals		



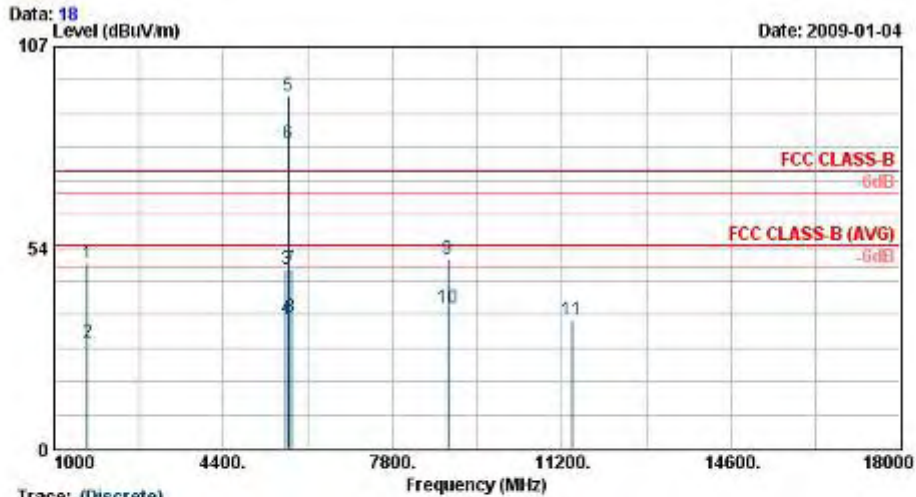
Site :  
Condition :  
Model :  
Mode :

Trace: (Discrete)  
: 03CH06-RV  
: FCC CLASS-B 3m HF-ANT(8-18G)\_081031 HORIZONTAL  
: FR 8N2104  
: 11n (20M) , Ant 4#B , Tx\_CH140

	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	Ant	Table	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1	5660.00	47.19	-26.81	74.00	42.18	34.82	6.33	36.14	100	0 Peak
2	5660.00	34.48	-19.52	54.00	29.47	34.82	6.33	36.14	101	14 Average
3 X	5700.00	83.16			88.06	34.87	6.37	36.14	100	0 Peak
4 @	5700.00	80.19			75.09	34.87	6.37	36.14	101	14 Average
5	5760.00	48.70	-25.30	74.00	43.47	34.96	6.42	36.16	100	0 Peak
6	5760.00	35.13	-18.87	54.00	29.90	34.96	6.42	36.16	101	14 Average
7	7038.00	50.63	-23.37	74.00	44.26	35.69	7.11	36.42	100	0 Peak
8	7038.00	37.56	-16.44	54.00	31.19	35.69	7.11	36.42	100	164 Average
9	11400.00	36.62	-37.38	74.00	74.01	-9.84	8.79	36.34	100	0 Peak



Test Mode :	Mode 21	Temperature :	21~24°C
Test Channel :	140 802.11n (BW 20M, 2Tx)	Relative Humidity :	41~49%
Test Engineer :	Sun Wang	Polarization :	Vertical
Remark :	#5 and #6 are Fundamental Signals		



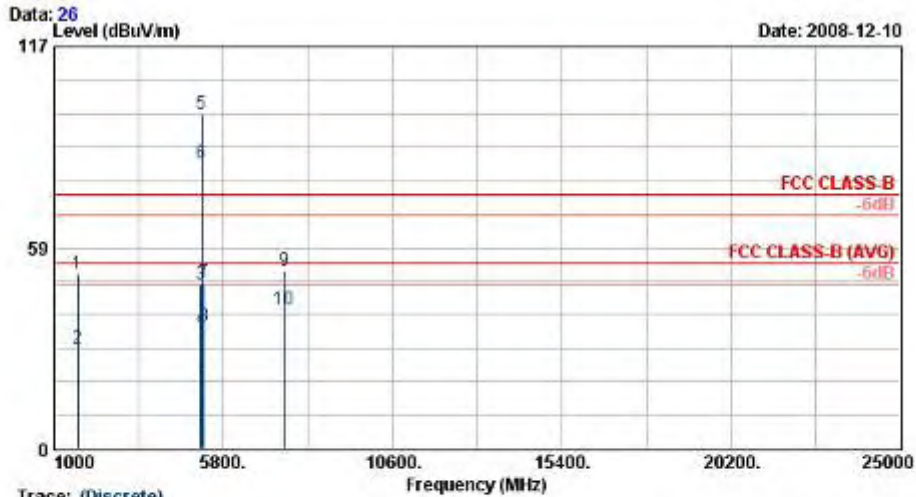
Trace: (Discrete)

Site : 03CH06-RY  
Condition : FCC CLASS-B 3m RP-ANT(8-18C)\_081031 VERTICAL  
Model : FR 8N2104  
Mode : 11n (20M) , Ant A+B , Tx\_CH140

	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	1668.00	49.47	-24.53	74.00	53.70	29.17	3.01	36.41	100	0	Peak
2	1668.00	28.27	-25.73	54.00	32.50	29.17	3.01	36.41	100	37	Average
3	5660.00	47.75	-26.25	74.00	42.74	34.82	6.33	36.14	100	0	Peak
4	5660.00	34.55	-19.45	54.00	29.54	34.82	6.33	36.14	101	47	Average
5 X	5700.00	93.95			88.83	34.89	6.37	36.14	100	0	Peak
6 @	5700.00	81.08			75.98	34.87	6.37	36.14	101	47	Average
7	5760.00	47.83	-26.17	74.00	42.60	34.96	6.42	36.16	100	0	Peak
8	5760.00	35.01	-18.99	54.00	29.78	34.96	6.42	36.16	101	47	Average
9	8908.00	50.32	-23.68	74.00	43.37	36.10	7.71	36.86	100	0	Peak
10	8908.00	37.24	-16.76	54.00	30.29	36.10	7.71	36.86	100	342	Average
11	11400.00	34.11	-39.89	74.00	71.50	-9.84	8.79	36.34	100	0	Peak



Test Mode :	Mode 22	Temperature :	21~24°C
Test Channel :	36 802.11n (BW 20M, 3Tx)	Relative Humidity :	41~49%
Test Engineer :	Sun Wang	Polarization :	Horizontal
Remark :	#5 and #6 are Fundamental Signals		

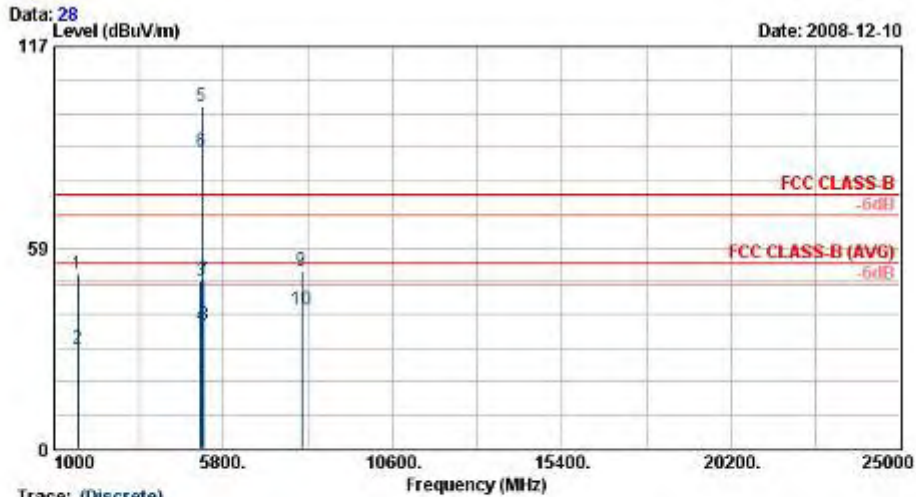


Site : 09CH06-RV  
Condition : FCC CLASS-B 3m SHF-EHF HORN HORIZONTAL  
Model : FR 8N2104

	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	1668.00	50.87	-23.13	74.00	55.09	29.17	3.01	36.41	100	0	Peak
2	1668.00	29.01	-24.99	54.00	33.24	29.17	3.01	36.41	182	41	Average
3	5150.00	47.83	-26.17	74.00	43.42	34.53	5.98	36.10	100	0	Peak
4	5150.00	34.98	-19.02	54.00	30.57	34.53	5.98	36.10	126	348	Average
5 X	5180.00	97.55			93.11	34.54	6.00	36.10	100	0	Peak
6 X	5180.00	83.21			78.78	34.54	6.00	36.10	126	348	Average
7	5250.00	48.39	-25.61	74.00	43.90	34.55	6.04	36.10	100	0	Peak
8	5250.00	35.67	-18.33	54.00	31.18	34.55	6.04	36.10	126	348	Average
9	7532.00	51.63	-22.37	74.00	45.44	35.51	7.28	36.61	100	0	Peak
10	7532.00	40.37	-13.63	54.00	34.18	35.51	7.28	36.61	100	201	Average



Test Mode :	Mode 22	Temperature :	21~24°C
Test Channel :	36 802.11n (BW 20M, 3Tx)	Relative Humidity :	41~49%
Test Engineer :	Sun Wang	Polarization :	Vertical
Remark :	#5 and #6 are Fundamental Signals		



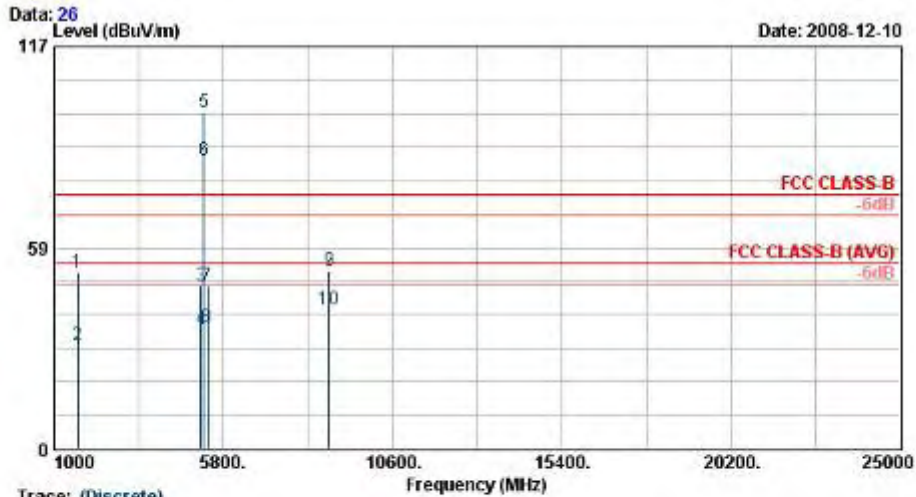
Site : 09CH06-RV  
Condition : FCC CLASS-B 3m SHF-EHF HORN VERTICAL  
Model : FR 8N2104

	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	1668.00	51.03	-22.97	74.00	55.25	29.17	3.01	36.41	100	0	Peak
2	1668.00	29.12	-24.88	54.00	33.35	29.17	3.01	36.41	100	126	Average
3	5150.00	48.62	-25.38	74.00	44.21	34.53	5.98	36.10	100	0	Peak
4	5150.00	35.55	-18.45	54.00	31.14	34.53	5.98	36.10	100	70	Average
5 X	5180.00	99.73			95.30	34.54	6.00	36.10	100	0	Peak
6 @	5180.00	86.37			81.94	34.54	6.00	36.10	100	70	Average
7	5250.00	49.00	-25.00	74.00	44.51	34.55	6.04	36.10	100	0	Peak
8	5250.00	36.05	-17.95	54.00	31.56	34.55	6.04	36.10	100	70	Average
9	8014.00	51.66	-22.34	74.00	45.14	35.70	7.52	36.70	100	0	Peak
10	8014.00	40.53	-13.47	54.00	34.01	35.70	7.52	36.70	100	293	Average





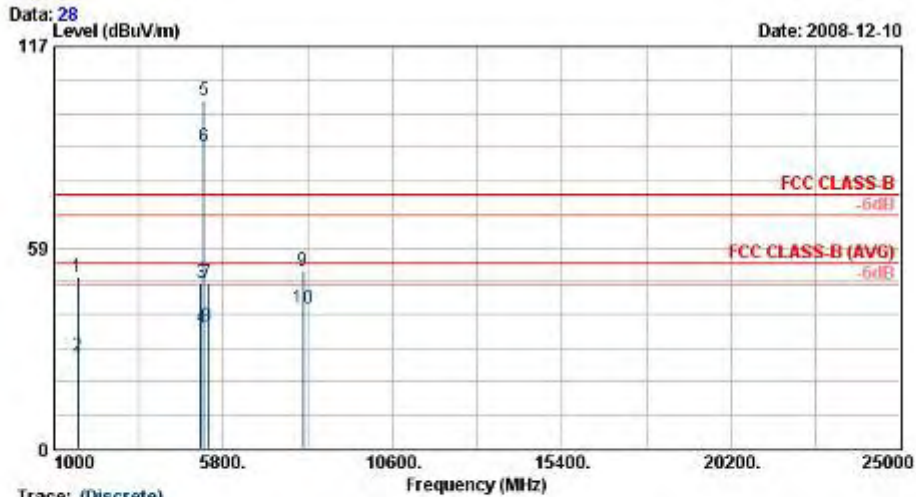
Test Mode :	Mode 23	Temperature :	21~24°C
Test Channel :	48 802.11n (BW 20M, 3Tx)	Relative Humidity :	41~49%
Test Engineer :	Sun Wang	Polarization :	Horizontal
Remark :	#5 and #6 are Fundamental Signals		



	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	1668.00	51.30	-22.70	74.00	55.53	29.17	3.01	36.41	100	0	Peak
2	1668.00	30.02	-23.98	54.00	34.25	29.17	3.01	36.41	193	50	Average
3	5150.00	47.45	-26.55	74.00	43.04	34.53	5.98	36.10	100	0	Peak
4	5150.00	34.96	-19.04	54.00	30.55	34.53	5.98	36.10	127	349	Average
5 X	5240.00	97.70			93.23	34.55	6.02	36.10	100	0	Peak
6 @	5240.00	84.03			79.55	34.55	6.04	36.10	127	349	Average
7	5350.00	47.37	-26.63	74.00	42.81	34.57	6.09	36.10	100	0	Peak
8	5350.00	35.32	-18.68	54.00	30.76	34.57	6.09	36.10	127	349	Average
9	8804.00	51.56	-22.44	74.00	44.81	36.00	7.56	36.82	100	0	Peak
10	8804.00	40.25	-13.75	54.00	33.51	36.00	7.56	36.82	100	160	Average



Test Mode :	Mode 23	Temperature :	21~24°C
Test Channel :	48 802.11n (BW 20M, 3Tx)	Relative Humidity :	41~49%
Test Engineer :	Sun Wang	Polarization :	Vertical
Remark :	#5 and #6 are Fundamental Signals		

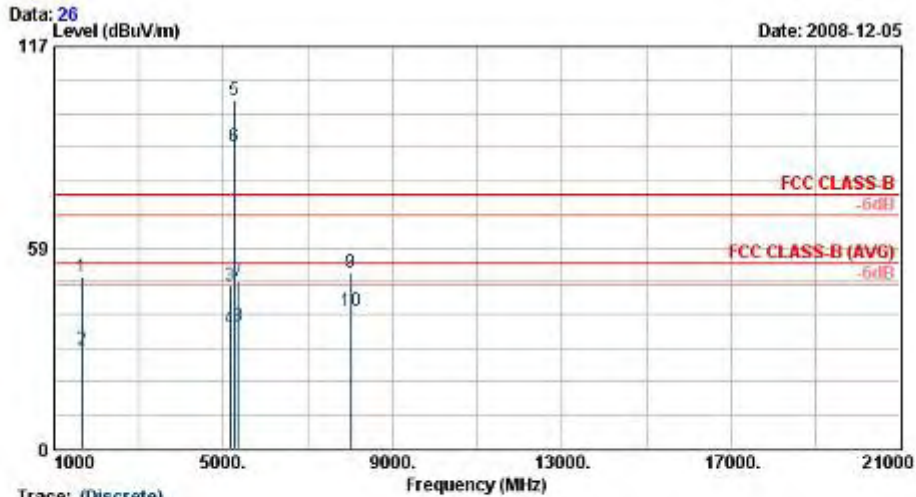


Site : 09CH06-RV  
Condition : FCC CLASS-B 3m SHF-EHF HORN VERTICAL  
Model : FR 8N2104

	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	Ant	Table	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1	1662.00	49.84	-24.16	74.00	54.06	29.17	3.01	36.41	100	0 Peak
2	1662.00	27.04	-26.96	54.00	31.27	29.17	3.01	36.41	100	253 Average
3	5150.00	48.14	-25.86	74.00	43.73	34.53	5.98	36.10	100	0 Peak
4	5150.00	35.39	-38.61	74.00	30.98	34.53	5.98	36.10	100	60 Average
5 @	5240.00	101.46			96.99	34.55	6.02	36.10	100	0 Peak
6 X	5240.00	87.65			83.17	34.55	6.04	36.10	100	60 Average
7	5350.00	48.08	-25.92	74.00	43.52	34.57	6.09	36.10	100	0 Peak
8	5350.00	35.50	-38.50	74.00	30.94	34.57	6.09	36.10	100	60 Average
9	8060.00	51.86	-22.14	74.00	45.37	35.70	7.49	36.70	100	0 Peak
10	8060.00	40.73	-13.27	54.00	34.24	35.70	7.49	36.70	100	307 Average



Test Mode :	Mode 24	Temperature :	21~24°C
Test Channel :	52 802.11n (BW 20M, 3Tx)	Relative Humidity :	41~49%
Test Engineer :	Sun Wang	Polarization :	Horizontal
Remark :	#5 and #6 are Fundamental Signals		

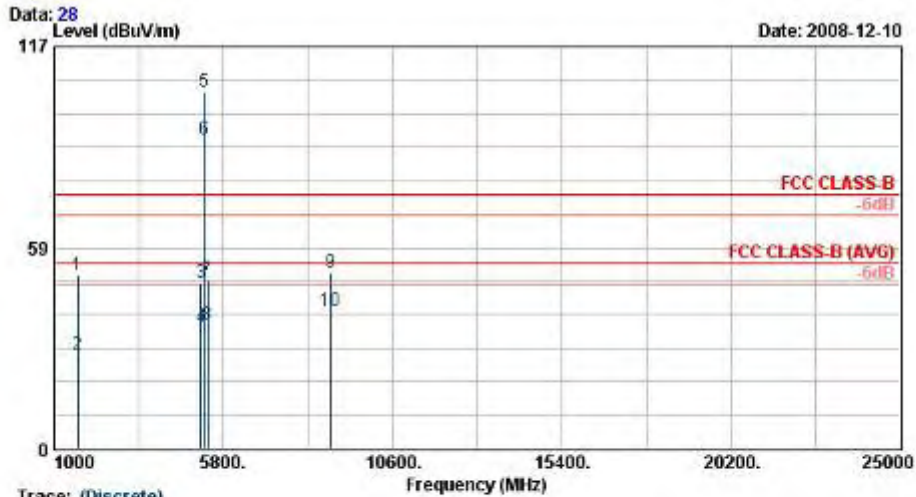


Site : 09CH06-RV  
Condition : FCC CLASS-B 3m SHF-EHF HORN HORIZONTAL  
Model : FR 8N2104

	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	1668.00	50.01	-23.99	74.00	54.24	29.17	3.01	36.41	100	0	Peak
2	1668.00	28.81	-25.19	54.00	33.04	29.17	3.01	36.41	197	38	Average
3	5150.00	47.59	-26.41	74.00	43.18	34.53	5.98	36.10	100	0	Peak
4	5150.00	34.82	-19.18	54.00	30.41	34.53	5.98	36.10	101	348	Average
5 X	5260.00	101.27			96.78	34.55	6.04	36.10	100	0	Peak
6 X	5260.00	87.76			83.25	34.55	6.05	36.10	101	348	Average
7	5350.00	48.72	-25.28	74.00	44.16	34.57	6.09	36.10	100	0	Peak
8	5350.00	35.51	-18.49	54.00	30.95	34.57	6.09	36.10	101	348	Average
9	8012.00	51.42	-22.58	74.00	44.90	35.70	7.52	36.70	100	0	Peak
10	8012.00	39.98	-14.02	54.00	33.46	35.70	7.52	36.70	100	42	Average



Test Mode :	Mode 24	Temperature :	21~24°C
Test Channel :	52 802.11n (BW 20M, 3Tx)	Relative Humidity :	41~49%
Test Engineer :	Sun Wang	Polarization :	Vertical
Remark :	#5 and #6 are Fundamental Signals		

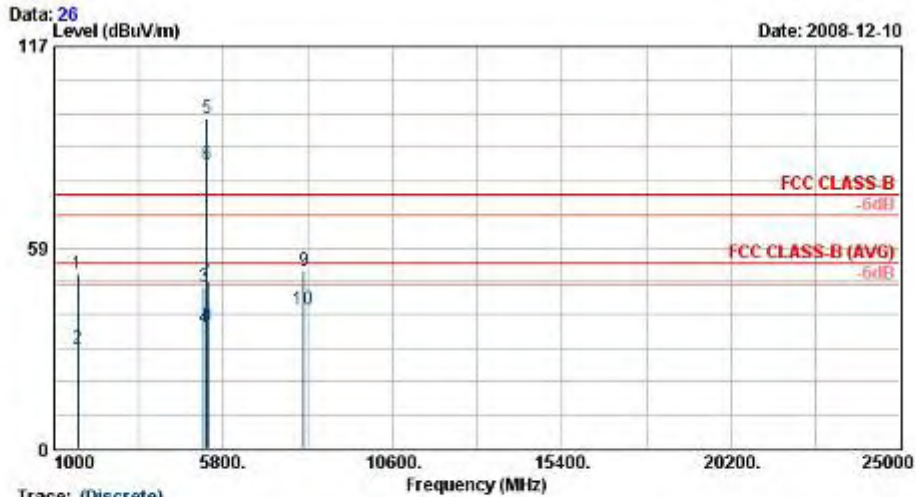


Site : 09CH06-RV  
Condition : FCC CLASS-B 3m SHF-EHF HORN VERTICAL  
Model : FR 8N2104

	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	1662.00	50.49	-23.51	74.00	54.71	29.17	3.01	36.41	100	0	Peak
2	1662.00	27.58	-26.42	54.00	31.81	29.17	3.01	36.41	100	198	Average
3	5150.00	48.35	-25.65	74.00	43.94	34.53	5.98	36.10	100	0	Peak
4	5150.00	35.21	-18.79	54.00	30.80	34.53	5.98	36.10	100	69	Average
5 X	5260.00	103.75			98.25	34.55	6.05	36.10	100	0	Peak
6 @	5260.00	90.17			85.66	34.55	6.05	36.10	100	69	Average
7	5350.00	49.24	-24.76	74.00	44.68	34.57	6.09	36.10	100	0	Peak
8	5350.00	35.90	-18.10	54.00	31.34	34.57	6.09	36.10	100	69	Average
9	8836.00	51.45	-22.55	74.00	44.66	36.03	7.59	36.83	100	0	Peak
10	8836.00	40.04	-13.96	54.00	33.24	36.03	7.59	36.83	100	297	Average



Test Mode :	Mode 25	Temperature :	21~24°C
Test Channel :	64 802.11n (BW 20M, 3Tx)	Relative Humidity :	41~49%
Test Engineer :	Sun Wang	Polarization :	Horizontal
Remark :	#5 and #6 are Fundamental Signals		

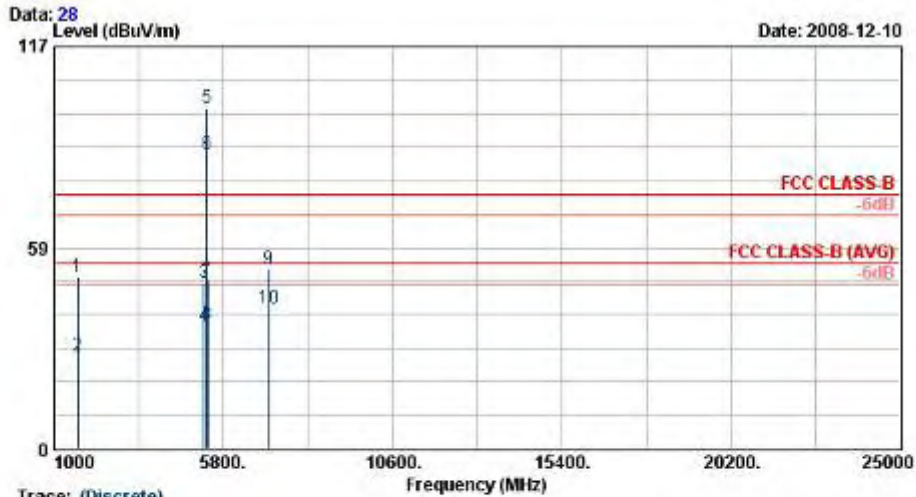


Site : 09CH06-RV  
Condition : FCC CLASS-B 3m SHF-EHF HORN HORIZONTAL  
Model : FR 8N2104

	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	1662.00	50.97	-23.03	74.00	55.19	29.17	3.01	36.41	100	0	Peak
2	1662.00	28.94	-25.06	54.00	33.17	29.17	3.01	36.41	100	29	Average
3	5250.00	47.16	-26.84	74.00	42.67	34.55	6.04	36.10	100	0	Peak
4	5250.00	35.27	-18.73	54.00	30.78	34.55	6.04	36.10	124	345	Average
5 X	5320.00	96.23			91.69	34.56	6.08	36.10	100	0	Peak
6 X	5320.00	82.49			77.95	34.56	6.08	36.10	124	345	Average
7	5350.00	48.84	-25.16	74.00	44.28	34.57	6.09	36.10	100	0	Peak
8	5350.00	35.49	-18.51	54.00	30.93	34.57	6.09	36.10	124	345	Average
9	8078.00	51.58	-22.42	74.00	45.12	35.70	7.47	36.70	100	0	Peak
10	8078.00	40.48	-13.52	54.00	34.01	35.70	7.47	36.70	100	132	Average



Test Mode :	Mode 25	Temperature :	21~24°C
Test Channel :	64 802.11n (BW 20M, 3Tx)	Relative Humidity :	41~49%
Test Engineer :	Sun Wang	Polarization :	Vertical
Remark :	#5 and #6 are Fundamental Signals		

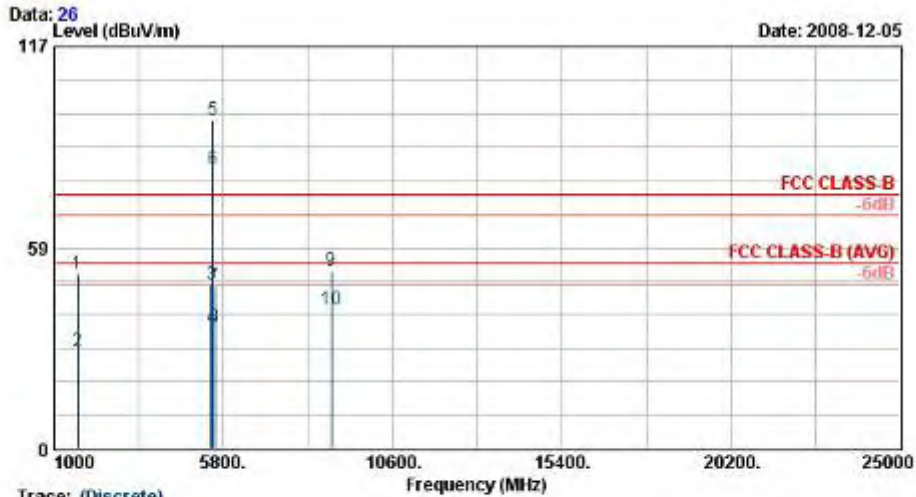


Site : 09CH06-RV  
Condition : FCC CLASS-B 3m SHF-EHF HORN VERTICAL  
Model : FR 8N2104

	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	1662.00	49.86	-24.14	74.00	54.09	29.17	3.01	36.41	100	0	Peak
2	1662.00	27.01	-26.99	54.00	31.24	29.17	3.01	36.41	100	203	Average
3	5250.00	48.33	-25.67	74.00	43.84	34.55	6.04	36.10	100	0	Peak
4	5250.00	35.53	-18.47	54.00	31.04	34.55	6.04	36.10	110	72	Average
5 X	5320.00	99.36			94.82	34.56	6.08	36.10	100	0	Peak
6 @	5320.00	85.87			81.33	34.56	6.08	36.10	110	72	Average
7	5350.00	49.00	-25.00	74.00	44.44	34.57	6.09	36.10	100	0	Peak
8	5350.00	36.00	-18.00	54.00	31.44	34.57	6.09	36.10	110	72	Average
9	7092.00	52.08	-21.92	74.00	45.73	35.67	7.12	36.44	100	0	Peak
10	7092.00	40.88	-13.14	54.00	34.51	35.67	7.12	36.44	100	174	Average



Test Mode :	Mode 26	Temperature :	21~24°C
Test Channel :	100 802.11n (BW 20M, 3Tx)	Relative Humidity :	41~49%
Test Engineer :	Sun Wang	Polarization :	Horizontal
Remark :	#5 and #6 are Fundamental Signals		

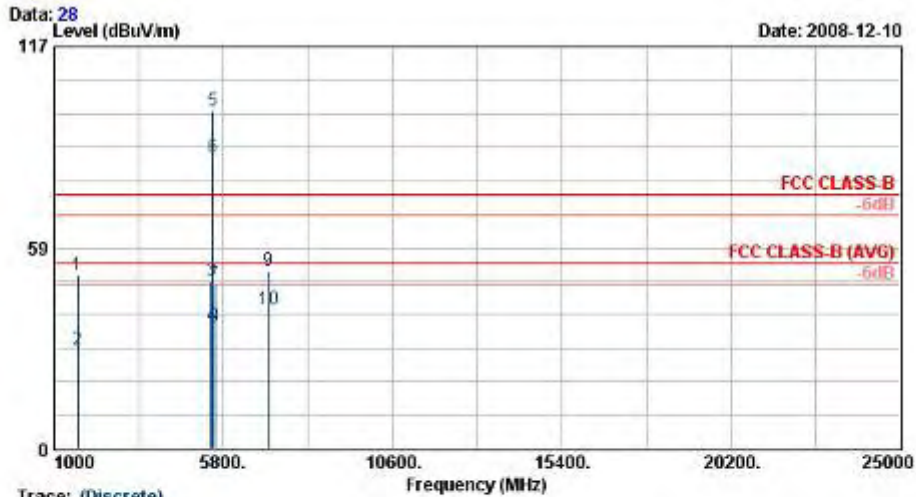


Trace: (Discrete)  
 Site : 09CH06-RV  
 Condition : FCC CLASS-B 3m SHF-EHF HORN HORIZONTAL  
 Model : FR 8N2104

	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 @	1662.00	50.69	-23.31	74.00	54.91	29.17	3.01	36.41	100	0	Peak
2 @	1662.00	28.42	-25.58	54.00	32.65	29.17	3.01	36.41	100	51	Average
3 @	5460.00	47.87	-26.13	74.00	43.22	34.59	6.16	36.10	100	0	Peak
4 @	5460.00	35.39	-18.61	54.00	30.74	34.59	6.16	36.10	107	344	Average
5 @	5500.00	95.55			90.88	34.60	6.18	36.10	100	0	Peak
6 @	5500.00	81.54			76.85	34.60	6.19	36.10	107	344	Average
7 @	5560.00	47.33	-26.67	74.00	42.54	34.67	6.24	36.12	100	0	Peak
8 @	5560.00	35.27	-18.73	54.00	30.48	34.67	6.24	36.12	107	344	Average
9 @	8854.00	51.55	-22.45	74.00	44.72	36.05	7.62	36.84	100	0	Peak
10 @	8854.00	40.37	-13.63	54.00	33.54	36.05	7.62	36.84	100	271	Average



Test Mode :	Mode 26	Temperature :	21~24°C
Test Channel :	100 802.11n (BW 20M, 3Tx)	Relative Humidity :	41~49%
Test Engineer :	Sun Wang	Polarization :	Vertical
Remark :	#5 and #6 are Fundamental Signals		



Site :  
Condition :  
Model :

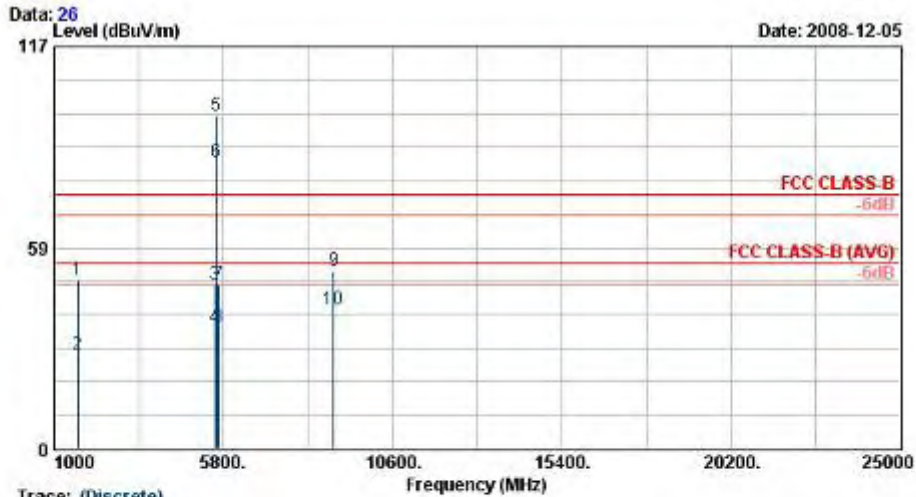
: 09CH06-RV  
: FCC CLASS-B 3m SHF-EHF HORN VERTICAL  
: FR 8N2104

	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 @	1668.00	50.30	-23.70	74.00	54.52	29.17	3.01	36.41	100	0	Peak
2 @	1668.00	28.49	-25.51	54.00	32.72	29.17	3.01	36.41	100	159	Average
3 @	5460.00	48.80	-25.20	74.00	44.15	34.59	6.16	36.10	100	0	Peak
4 @	5460.00	35.82	-18.18	54.00	31.17	34.59	6.16	36.10	100	49	Average
5 @	5500.00	98.16			93.48	34.60	6.18	36.10	100	0	Peak
6 @	5500.00	84.94			80.25	34.60	6.19	36.10	100	49	Average
7 @	5560.00	47.86	-26.14	74.00	43.07	34.67	6.24	36.12	100	0	Peak
8 @	5560.00	35.67	-18.33	54.00	30.88	34.67	6.24	36.12	100	49	Average
9 @	7076.00	51.75	-22.25	74.00	45.39	35.67	7.12	36.43	100	0	Peak
10 @	7076.00	40.46	-13.54	54.00	34.10	35.67	7.12	36.43	100	185	Average





Test Mode :	Mode 27	Temperature :	21~24°C
Test Channel :	120 802.11n (BW 20M, 3Tx)	Relative Humidity :	41~49%
Test Engineer :	Sun Wang	Polarization :	Horizontal
Remark :	#5 and #6 are Fundamental Signals		

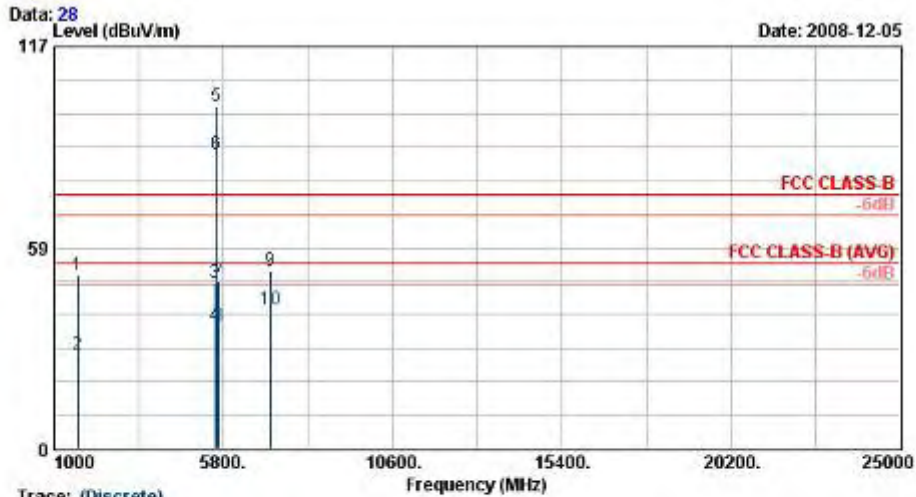


Site : 09CH06-RV  
Condition : FCC CLASS-B 3m SHF-EHF HORN HORIZONTAL  
Model : FR 8N2104

	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	Ant	Table	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1	1668.00	49.17	-24.83	74.00	59.40	29.17	3.01	36.41	100	0 Peak
2	1668.00	27.26	-26.74	54.00	31.49	29.17	3.01	36.41	100	29 Average
3	5560.00	47.66	-26.34	74.00	42.87	34.67	6.24	36.12	100	0 Peak
4 @	5560.00	35.31	-18.69	54.00	30.52	34.67	6.24	36.12	100	320 Average
5 @	5600.00	96.87			91.99	34.72	6.28	36.12	100	0 Peak
6 @	5600.00	83.33			78.42	34.74	6.28	36.12	100	320 Average
7	5660.00	47.74	-26.26	74.00	42.73	34.82	6.33	36.14	100	0 Peak
8 @	5660.00	35.31	-18.69	54.00	30.30	34.82	6.33	36.14	100	320 Average
9	8932.00	51.72	-22.28	74.00	44.74	36.13	7.71	36.87	100	0 Peak
10 @	8932.00	40.46	-13.54	54.00	33.49	36.13	7.71	36.87	100	117 Average



Test Mode :	Mode 27	Temperature :	21~24°C
Test Channel :	120 802.11n (BW 20M, 3Tx)	Relative Humidity :	41~49%
Test Engineer :	Sun Wang	Polarization :	Vertical
Remark :	#5 and #6 are Fundamental Signals		

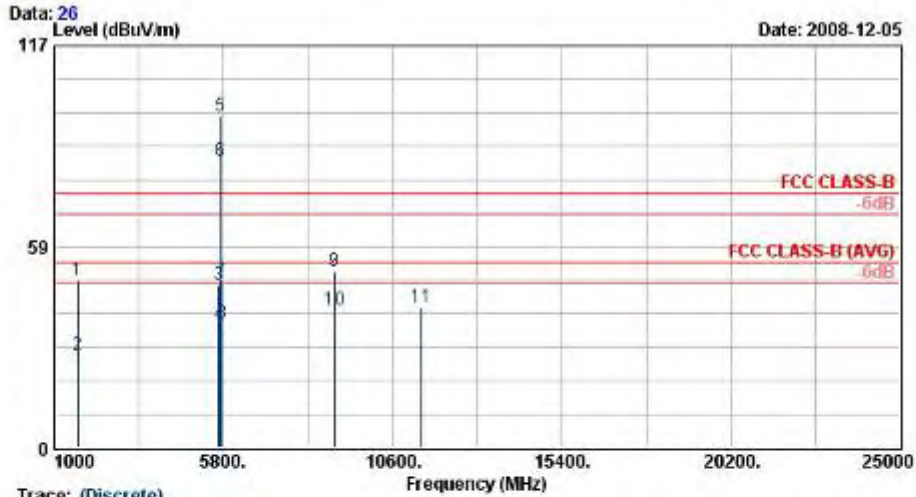


Site : 09CH06-RV  
Condition : FCC CLASS-B 3m SHF-EHF HORN VERTICAL  
Model : FR 8N2104

	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	1662.00	50.36	-23.84	74.00	54.59	29.17	3.01	36.41	100	0	Peak
2	1662.00	27.61	-26.39	54.00	31.84	29.17	3.01	36.41	100	201	Average
3	5560.00	48.19	-25.81	74.00	43.40	34.67	6.24	36.12	100	0	Peak
4 @	5560.00	35.71	-18.29	54.00	30.92	34.67	6.24	36.12	100	49	Average
5 @	5600.00	99.55			94.65	34.74	6.28	36.12	100	0	Peak
6 @	5600.00	85.87			80.96	34.74	6.28	36.12	100	49	Average
7	5660.00	48.79	-25.21	74.00	43.78	34.82	6.33	36.14	100	0	Peak
8 @	5660.00	35.45	-18.55	54.00	30.44	34.82	6.33	36.14	100	49	Average
9	7118.00	51.64	-22.36	74.00	45.30	35.65	7.13	36.45	100	0	Peak
10 @	7118.00	40.43	-13.57	54.00	34.10	35.65	7.13	36.45	100	105	Average



Test Mode :	Mode 28	Temperature :	21~24°C
Test Channel :	140 802.11n (BW 20M, 3Tx)	Relative Humidity :	41~49%
Test Engineer :	Sun Wang	Polarization :	Horizontal
Remark :	#5 and #6 are Fundamental Signals		

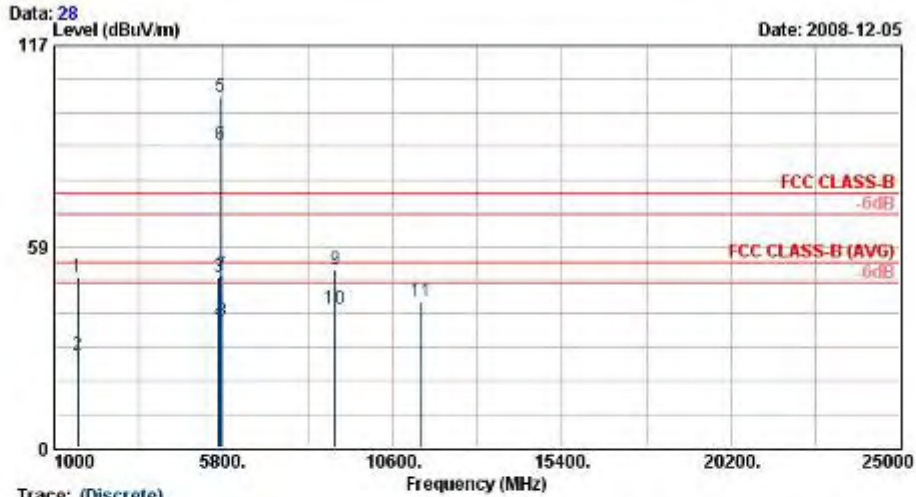


Trace: (Discrete)  
 Site : 03CH06-RV  
 Condition : FCC CLASS-B 3m SHF-ZHF HORN HORIZONTAL  
 Model : FR 6R2104

	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	dB	cm	deg	
1	1662.00	48.56	-25.44	74.00	52.79	29.17	3.01	36.41	100	0 Peak
2	1662.00	26.75	-27.25	54.00	30.98	29.17	3.01	36.41	100	29 Average
3	5660.00	47.57	-26.43	74.00	42.56	34.82	6.33	36.14	100	0 Peak
4	5660.00	35.52	-18.48	54.00	30.51	34.82	6.33	36.14	100	319 Average
5 X	5700.00	86.73			81.63	34.87	6.37	36.14	100	0 Peak
6 X	5700.00	83.40			78.30	34.87	6.37	36.14	100	319 Average
7	5760.00	48.77	-25.23	74.00	43.54	34.96	6.42	36.16	100	0 Peak
8	5760.00	36.30	-17.70	54.00	31.07	34.96	6.42	36.16	100	319 Average
9	8942.00	51.28	-22.72	74.00	44.28	36.13	7.74	36.87	100	0 Peak
10	8942.00	40.04	-13.96	54.00	33.04	36.13	7.74	36.87	100	274 Average
11	11400.00	40.96	-33.04	74.00	78.35	-9.84	8.79	36.34	100	0 Peak



Test Mode :	Mode 28	Temperature :	21~24°C
Test Channel :	140 802.11n (BW 20M, 3Tx)	Relative Humidity :	41~49%
Test Engineer :	Sun Wang	Polarization :	Vertical
Remark :	#5 and #6 are Fundamental Signals		

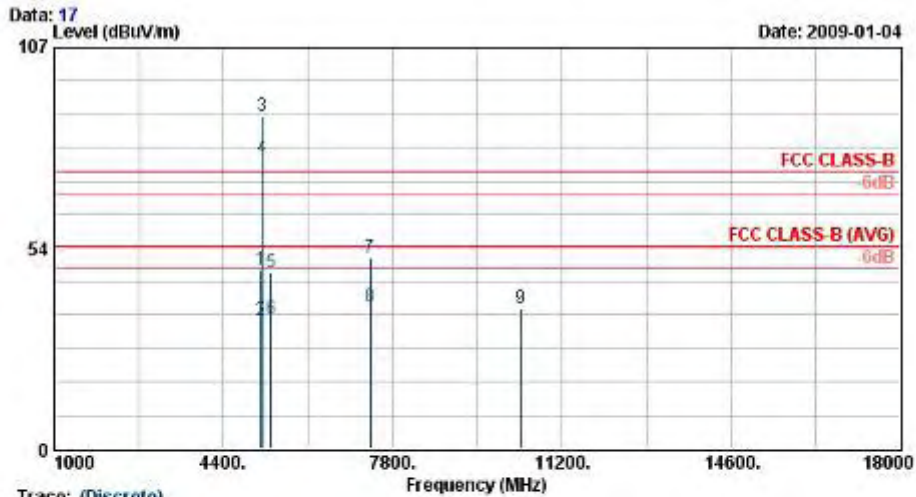


Trace: (Discrete)  
 Site : 03CH06-RV  
 Condition : FCC CLASS-B 3m SHF-ZHF HORN VERTICAL  
 Model : FR 6R2104

	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	dB	cm	deg	
1	1662.00	49.74	-24.26	74.00	53.96	29.17	3.01	36.41	100	0 Peak
2	1662.00	26.94	-27.06	54.00	31.17	29.17	3.01	36.41	100	215 Average
3	5660.00	49.38	-24.62	74.00	44.37	34.82	6.33	36.14	100	0 Peak
4	5660.00	36.60	-17.40	54.00	31.59	34.82	6.33	36.14	104	72 Average
5 X	5700.00	102.28			97.16	34.89	6.37	36.14	100	0 Peak
6 @	5700.00	88.37			83.27	34.87	6.37	36.14	104	72 Average
7	5760.00	50.06	-23.94	74.00	44.83	34.96	6.42	36.16	100	0 Peak
8	5760.00	37.19	-16.81	54.00	31.96	34.96	6.42	36.16	104	72 Average
9	8958.00	51.70	-22.30	74.00	44.65	36.15	7.77	36.88	100	0 Peak
10	8958.00	40.25	-13.75	54.00	33.21	36.15	7.77	36.88	100	126 Average
11	11400.00	42.45	-31.55	74.00	79.83	-9.84	8.79	36.34	100	0 Peak



Test Mode :	Mode 29	Temperature :	21~24°C
Test Channel :	38 802.11n (BW 40M, SISO)	Relative Humidity :	41~49%
Test Engineer :	Sun Wang	Polarization :	Horizontal
Remark :	#3 and #4 are Fundamental Signals		

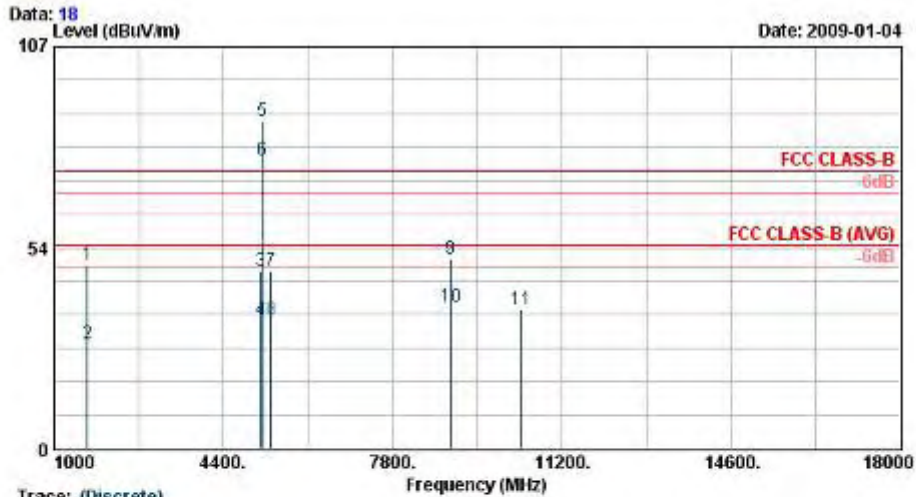


Trace: (Discrete)  
 Site : 03CH06-RV  
 Condition : FCC CLASS-B 3m HF-ANT(6-16C)\_061031 HORIZONTAL  
 Model : FR 8N2104  
 Mode : 11n (40M) , Ant B , Tx\_CH38

	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	Ant	Table	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	cm	deg	
1	5150.00	47.57	-26.43	74.00	43.16	34.53	5.98	36.10	100	0 Peak
2	5150.00	34.26	-19.74	54.00	29.85	34.53	5.98	36.10	150	264 Average
3 X	5190.00	88.75			84.30	34.54	6.01	36.10	100	0 Peak
4 @	5190.00	77.70			73.25	34.54	6.01	36.10	150	264 Average
5	5350.00	46.84	-27.16	74.00	42.27	34.57	6.09	36.10	100	0 Peak
6	5350.00	34.41	-19.59	54.00	29.85	34.57	6.09	36.10	150	264 Average
7	7350.00	50.74	-23.26	74.00	44.51	35.56	7.22	36.54	100	0 Peak
8	7350.00	37.67	-16.33	54.00	31.44	35.56	7.22	36.54	100	30 Average
9	10380.00	37.35	-36.65	74.00	75.06	-9.15	8.26	36.83	100	0 Peak



Test Mode :	Mode 29	Temperature :	21~24°C
Test Channel :	38 802.11n (BW 40M, SISO)	Relative Humidity :	41~49%
Test Engineer :	Sun Wang	Polarization :	Vertical
Remark :	#5 and #6 are Fundamental Signals		



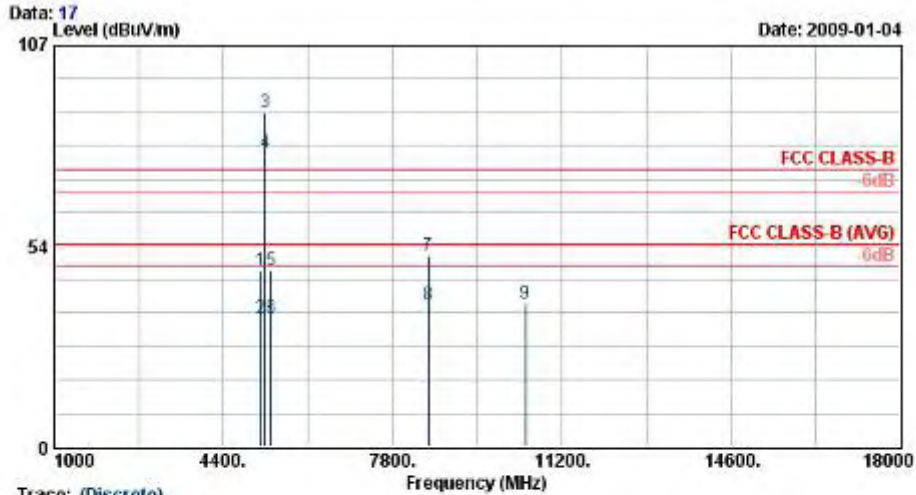
Trace: (Discrete)

Site : 03CH06-RY  
Condition : FCC CLASS-B 3m RF-ANT(8-18C)\_081031 VERTICAL  
Model : FR 8N2104  
Mode : 11n (40M), Ant B, Tx\_CH38

	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	Ant	Table	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1	1662.00	48.89	-25.11	74.00	53.11	29.17	3.01	36.41	100	0 Peak
2	1662.00	27.86	-26.14	54.00	32.09	29.17	3.01	36.41	100	115 Average
3	5150.00	47.21	-26.79	74.00	42.80	34.53	5.98	36.10	100	0 Peak
4	5150.00	34.22	-19.78	54.00	29.81	34.53	5.98	36.10	112	294 Average
5 X	5190.00	87.14			82.71	34.54	6.00	36.10	100	0 Peak
6 @	5190.00	76.73			72.28	34.54	6.01	36.10	112	294 Average
7	5350.00	47.41	-26.59	74.00	42.84	34.57	6.09	36.10	100	0 Peak
8	5350.00	34.22	-19.78	54.00	29.66	34.57	6.09	36.10	112	294 Average
9	8972.00	50.63	-23.37	74.00	43.59	36.17	7.77	36.89	100	0 Peak
10	8972.00	37.64	-16.36	54.00	30.59	36.17	7.77	36.89	100	216 Average
11	10380.00	37.12	-36.88	74.00	74.84	-9.15	8.26	36.83	100	0 Peak



Test Mode :	Mode 30	Temperature :	21~24°C
Test Channel :	46 802.11n (BW 40M, SISO)	Relative Humidity :	41~49%
Test Engineer :	Sun Wang	Polarization :	Horizontal
Remark :	#3 and #4 are Fundamental Signals		

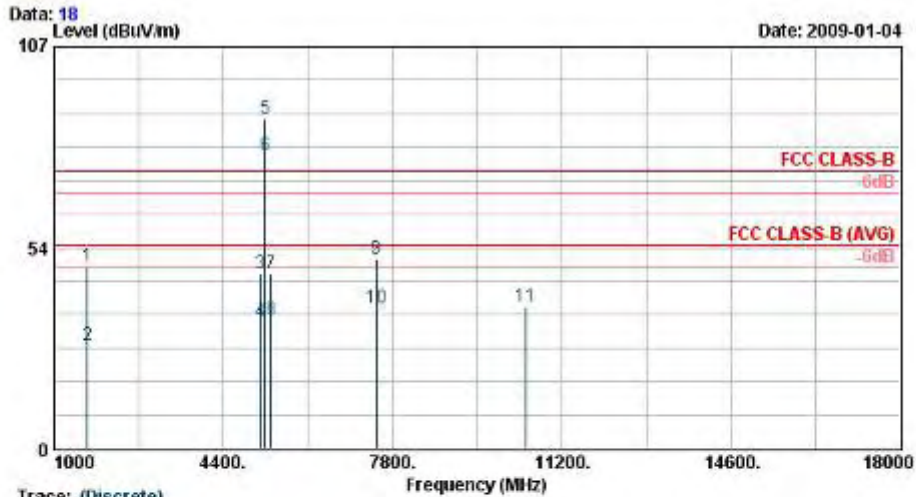


Trace: (Discrete)  
Site : 03CH06-RV  
Condition : FCC CLASS-B 3m HP-ANT(6-16C)\_061031 HORIZONTAL  
Model : FR 8N2104  
Mode : 11n (40M) , Ant B , Tx\_CH46

	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	Ant	Table	
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1	5150.00	47.03	-26.97	74.00	42.62	34.53	5.98	36.10	100	0 Peak
2	5150.00	34.04	-19.96	54.00	29.63	34.53	5.98	36.10	191	261 Average
3 X	5230.00	88.92			84.43	34.55	6.04	36.10	100	0 Peak
4 @	5230.00	78.27			73.80	34.55	6.02	36.10	191	261 Average
5	5350.00	46.80	-27.20	74.00	42.24	34.57	6.09	36.10	100	0 Peak
6	5350.00	34.32	-19.68	54.00	29.76	34.57	6.09	36.10	191	261 Average
7	8524.00	51.10	-22.90	74.00	44.83	35.73	7.24	36.71	100	0 Peak
8	8524.00	37.94	-16.06	54.00	31.68	35.73	7.24	36.71	100	159 Average
9	10460.00	38.30	-35.70	74.00	75.85	-9.10	8.29	36.75	100	0 Peak



Test Mode :	Mode 30	Temperature :	21~24°C
Test Channel :	46 802.11n (BW 40M, SISO)	Relative Humidity :	41~49%
Test Engineer :	Sun Wang	Polarization :	Vertical
Remark :	#5 and #6 are Fundamental Signals		



Trace: (Discrete)

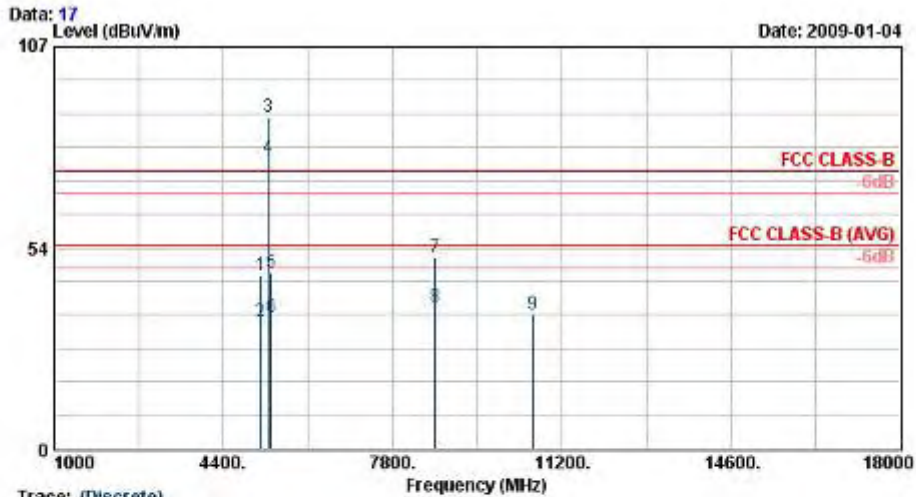
Site : 03CH06-RY  
Condition : FCC CLASS-B 3m RF-ANT(8-18C)\_081031 VERTICAL  
Model : FR 8N2104  
Mode : 11n (40M), Ant B, Tx\_CH46

	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	Ant	Table	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1	1668.00	48.61	-25.39	74.00	52.84	29.17	3.01	36.41	100	0 Peak
2	1668.00	27.55	-26.45	54.00	31.78	29.17	3.01	36.41	100	25 Average
3	5150.00	46.45	-27.55	74.00	42.04	34.53	5.98	36.10	100	0 Peak
4	5150.00	33.91	-20.09	54.00	29.50	34.53	5.98	36.10	100	293 Average
5 X	5230.00	87.87			83.38	34.55	6.04	36.10	100	0 Peak
6 @	5230.00	77.78			73.31	34.55	6.02	36.10	100	293 Average
7	5350.00	46.52	-27.48	74.00	41.96	34.57	6.09	36.10	100	0 Peak
8	5350.00	34.28	-19.72	54.00	29.72	34.57	6.09	36.10	100	293 Average
9	7470.00	50.48	-23.52	74.00	44.30	35.51	7.26	36.59	100	0 Peak
10	7470.00	37.48	-16.52	54.00	31.30	35.51	7.26	36.59	100	99 Average
11	10460.00	37.76	-36.24	74.00	75.31	-9.10	8.29	36.75	100	0 Peak





Test Mode :	Mode 31	Temperature :	21~24°C
Test Channel :	62 802.11n (BW 40M, SISO)	Relative Humidity :	41~49%
Test Engineer :	Sun Wang	Polarization :	Horizontal
Remark :	#3 and #4 are Fundamental Signals		

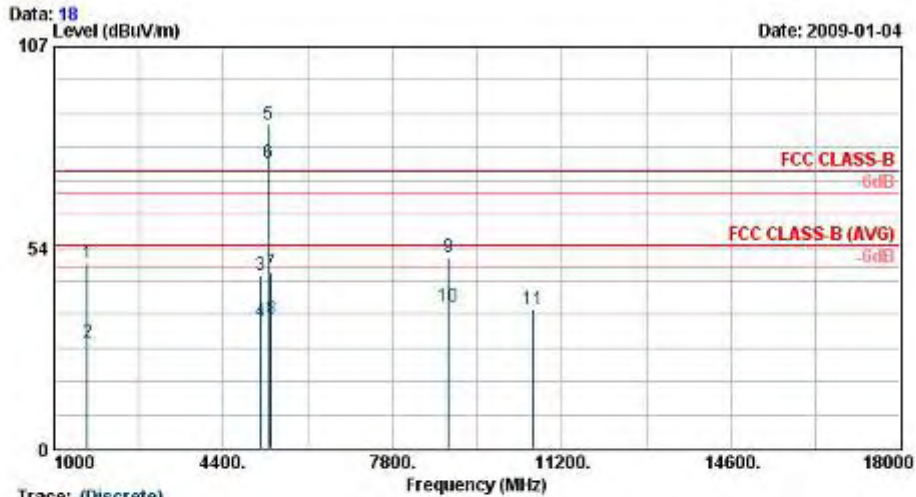


Trace: (Discrete)  
Site : 09CH06-HV  
Condition : FCC CLASS-B 3m HF-ANT(8-18G)\_081001 HORIZONTAL  
Model : FR 8N2104  
Mode : 11n (40M), Ant B, Tx\_CH02

	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	dB	cm	deg	
1	5150.00	45.99	-28.01	74.00	41.58	34.53	5.98	36.10	100	0 Peak
2	5150.00	33.78	-20.22	54.00	29.37	34.53	5.98	36.10	120	149 Average
3 X	5310.00	88.22			83.67	34.56	6.08	36.10	100	0 Peak
4 @	5310.00	77.83			73.09	34.56	6.08	36.10	120	149 Average
5	5350.00	47.03	-26.97	74.00	42.47	34.57	6.09	36.10	100	0 Peak
6	5350.00	34.84	-19.16	54.00	30.28	34.57	6.09	36.10	120	149 Average
7	8652.00	51.03	-22.97	74.00	44.55	35.85	7.39	36.76	100	0 Peak
8	8652.00	37.93	-16.07	54.00	31.45	35.85	7.39	36.76	100	206 Average
9	10620.00	35.92	-38.08	74.00	73.35	-9.21	8.44	36.66	100	0 Peak



Test Mode :	Mode 31	Temperature :	21~24°C
Test Channel :	62 802.11n (BW 40M, SISO)	Relative Humidity :	41~49%
Test Engineer :	Sun Wang	Polarization :	Vertical
Remark :	#5 and #6 are Fundamental Signals		

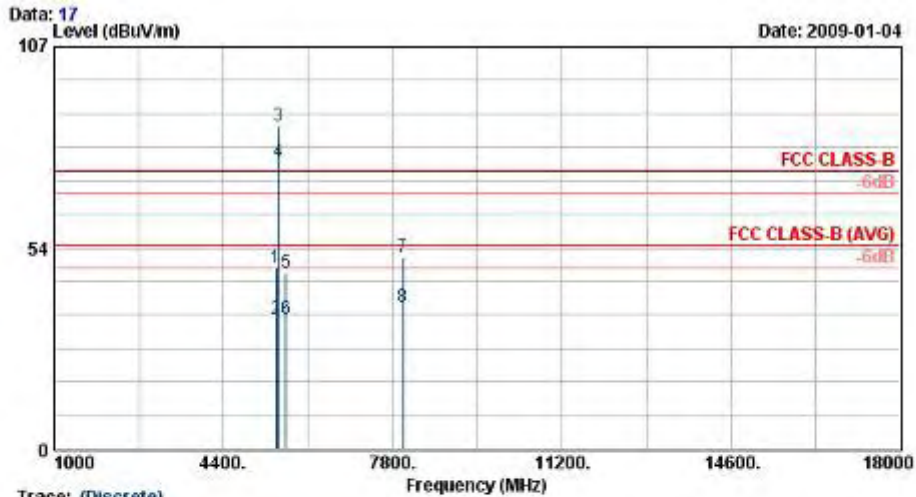


Trace: (Discrete)  
Site : 03CH06-RY  
Condition : FCC CLASS-B 3m RP-ANT(8-18C)\_081031 VERTICAL  
Model : FR 8N2104  
Mode : 11n (40M), Ant B, Tx\_CH62

	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	Ant	Table	
	MHz	dBuV/m	dB	dBuV/m	Level	Loss	Factor	Pos	Pos	Remark
					Factor	Factor		cm	deg	
1	1668.00	49.50	-24.50	74.00	53.73	29.17	3.01	36.41	100	0 Peak
2	1668.00	28.27	-25.73	54.00	32.50	29.17	3.01	36.41	100	261 Average
3	5150.00	46.15	-27.85	74.00	41.74	34.53	5.98	36.10	100	0 Peak
4	5150.00	33.84	-20.16	54.00	29.43	34.53	5.98	36.10	100	332 Average
5 X	5310.00	86.42			81.90	34.56	6.07	36.10	100	0 Peak
6 @	5310.00	76.12			71.58	34.56	6.08	36.10	100	332 Average
7	5350.00	47.04	-26.96	74.00	42.48	34.57	6.09	36.10	100	0 Peak
8	5350.00	34.45	-19.55	54.00	29.89	34.57	6.09	36.10	100	332 Average
9	8918.00	50.82	-23.18	74.00	43.86	36.12	7.71	36.87	100	0 Peak
10	8918.00	37.91	-16.09	54.00	30.95	36.12	7.71	36.87	100	207 Average
11	10620.00	36.92	-37.08	74.00	74.36	-9.21	8.44	36.66	100	0 Peak



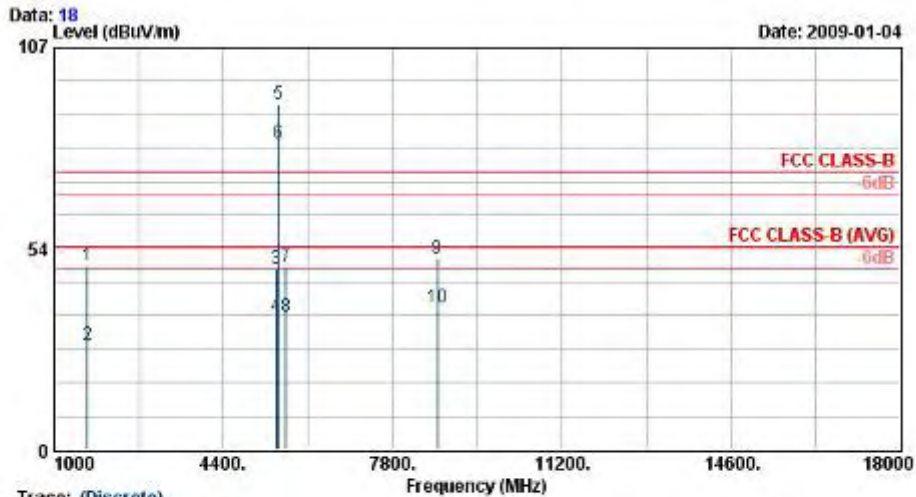
Test Mode :	Mode 32	Temperature :	21~24°C
Test Channel :	102 802.11n (BW 40M, SISO)	Relative Humidity :	41~49%
Test Engineer :	Sun Wang	Polarization :	Horizontal
Remark :	#3 and #4 are Fundamental Signals		



	Over	Limit	ReadAntenna	Cable	Preamp	Ant	Table				
Trace	Level	Limit	Level	Loss	Factor	Pos	Pos	Remark			
	dBuV/m	dB	dBuV/m	dB	dB	cm	deg				
1	5460.00	47.99	-26.01	74.00	43.34	34.59	6.16	36.10	100	0	Peak
2	5460.00	34.51	-19.49	54.00	29.86	34.59	6.16	36.10	110	330	Average
3 X	5510.00	86.09			81.42	34.60	6.18	36.10	100	0	Peak
4 X	5510.00	76.50			71.81	34.60	6.19	36.11	110	330	Average
5	5660.00	46.89	-27.11	74.00	41.88	34.82	6.33	36.14	100	0	Peak
6	5660.00	34.50	-19.50	54.00	29.49	34.82	6.33	36.14	110	330	Average
7	8014.00	50.85	-23.15	74.00	44.33	35.70	7.52	36.70	100	0	Peak
8	8014.00	37.87	-16.13	54.00	31.35	35.70	7.52	36.70	100	109	Average



Test Mode :	Mode 32	Temperature :	21~24°C
Test Channel :	102 802.11n (BW 40M, SISO)	Relative Humidity :	41~49%
Test Engineer :	Sun Wang	Polarization :	Vertical
Remark :	#5 and #6 are Fundamental Signals		



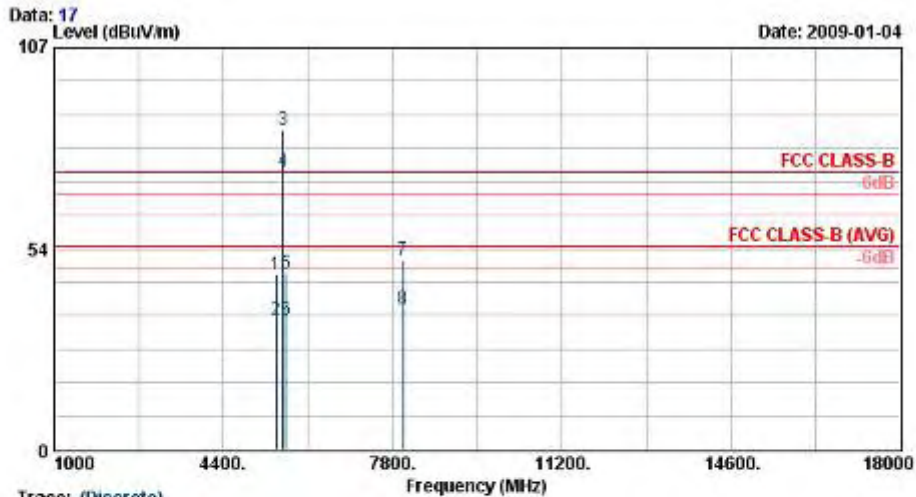
Site :  
Condition :  
Model :  
Mode :

Trace: (Discrete)  
: 09CH06-HY  
: FCC CLASS-B 3m HF-ANT(8-18C)\_081001 VERTICAL  
: FR 8N2104  
: 11n (40M) , Ant C , Tx\_CH102

	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	Ant	Table	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1	1668.00	48.83	-25.17	74.00	53.05	29.17	3.01	36.41	100	0 Peak
2	1668.00	27.78	-26.22	54.00	32.01	29.17	3.01	36.41	100	119 Average
3	5460.00	48.31	-25.69	74.00	43.66	34.59	6.16	36.10	100	0 Peak
4	5460.00	35.36	-18.64	54.00	30.71	34.59	6.16	36.10	104	72 Average
5 X	5510.00	91.84			87.17	34.60	6.18	36.10	100	0 Peak
6 @	5510.00	81.53			76.84	34.60	6.19	36.11	104	72 Average
7	5660.00	48.69	-25.31	74.00	43.68	34.82	6.33	36.14	100	0 Peak
8	5660.00	35.28	-18.72	54.00	30.27	34.82	6.33	36.14	104	72 Average
9	8692.00	50.98	-23.02	74.00	44.46	35.88	7.42	36.78	100	0 Peak
10	8692.00	37.86	-16.14	54.00	31.34	35.88	7.42	36.78	100	207 Average



Test Mode :	Mode 33	Temperature :	21~24°C
Test Channel :	118 802.11n (BW 40M, SISO)	Relative Humidity :	41~49%
Test Engineer :	Sun Wang	Polarization :	Horizontal
Remark :	#3 and #4 are Fundamental Signals		

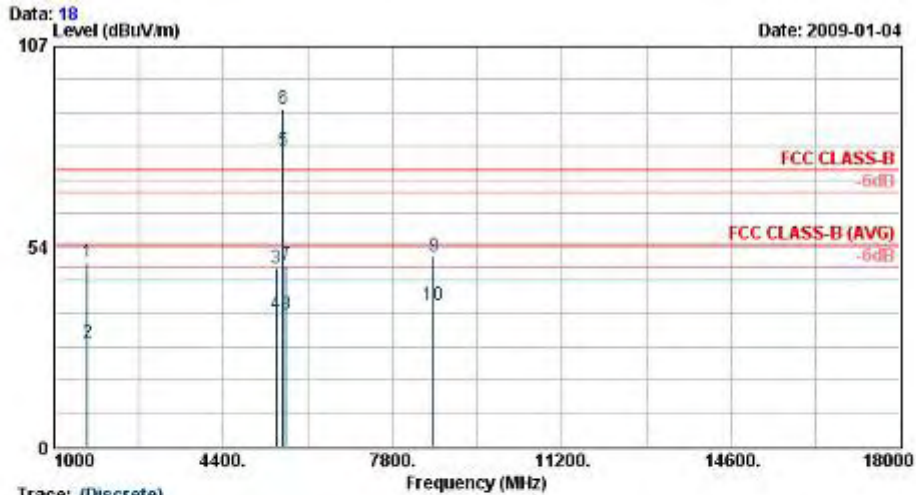


Trace: (Discrete)  
Site : 00CH06-RV  
Condition : FCC CLASS-B 3m RF-ANT(8-18C)\_081001 HORIZONTAL  
Model : FR 8N2104  
Mode : 11n (40M) , Ant C , Tx\_CH118

	Freq	Level	Over Limit	Limit Line	ReadAntenna	Cable	Preamp	Ant	Table	Remark
	MHz	dBUV/m	dB	dBUV/m	dBUV	dB/m	dB	dB	cm	deg
1	5460.00	46.71	-27.29	74.00	42.06	34.59	6.16	36.10	100	0 Peak
2	5460.00	34.43	-19.57	54.00	29.78	34.59	6.16	36.10	113	319 Average
3 X	5590.00	84.98			80.08	34.74	6.28	36.13	100	0 Peak
4 X	5590.00	74.18			69.32	34.72	6.26	36.12	113	319 Average
5	5660.00	47.11	-26.89	74.00	42.10	34.82	6.33	36.14	100	0 Peak
6	5660.00	34.48	-19.52	54.00	29.47	34.82	6.33	36.14	113	319 Average
7	8014.00	50.49	-23.51	74.00	43.97	35.70	7.52	36.70	100	0 Peak
8	8014.00	37.31	-16.69	54.00	30.79	35.70	7.52	36.70	100	336 Average



Test Mode :	Mode 33	Temperature :	21~24°C
Test Channel :	118 802.11n (BW 40M, SISO)	Relative Humidity :	41~49%
Test Engineer :	Sun Wang	Polarization :	Vertical
Remark :	#5 and #6 are Fundamental Signals		



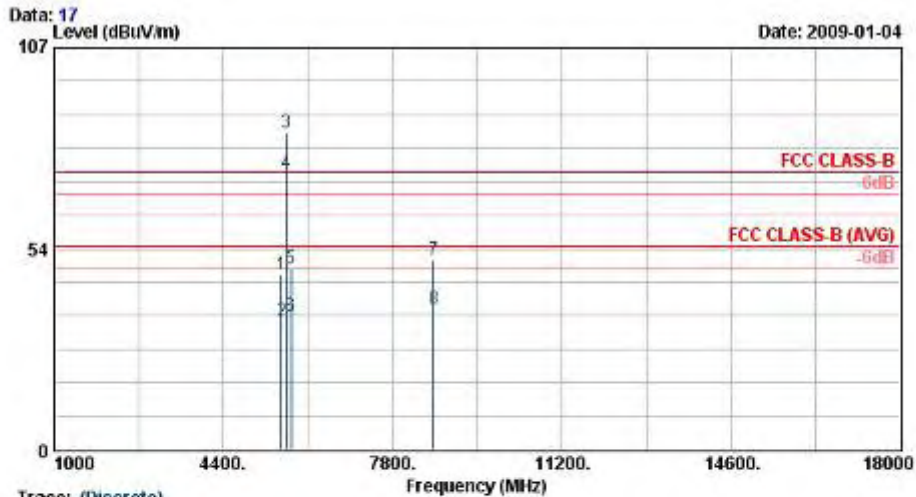
Site :  
Condition :  
Model :  
Mode :

Trace: (Discrete)  
: 09CH06-HY  
: FCC CLASS-B 3m WR-ANT(8-18C)\_081031 VERTICAL  
: FR 8N2104  
: 11n (40M) , Ant C , Ts\_CH118

	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	1668.00	49.24	-24.76	74.00	53.46	29.17	3.01	36.41	100	0	Peak
2	1668.00	27.98	-26.02	54.00	32.21	29.17	3.01	36.41	100	201	Average
3	5460.00	47.76	-26.24	74.00	43.11	34.59	6.16	36.10	100	0	Peak
4	5460.00	35.26	-18.74	54.00	30.61	34.59	6.16	36.10	103	71	Average
5 @	5590.00	79.21			74.56	34.59	6.16	36.10	103	71	Average
6 X	5590.00	90.24			85.34	34.74	6.28	36.13	100	0	Peak
7	5660.00	48.36	-25.64	74.00	43.35	34.82	6.33	36.14	100	0	Peak
8	5660.00	35.21	-18.79	54.00	30.20	34.82	6.33	36.14	103	71	Average
9	8628.00	50.86	-23.14	74.00	44.41	35.83	7.36	36.75	100	0	Peak
10	8628.00	37.81	-16.19	54.00	31.37	35.83	7.36	36.75	100	56	Average



Test Mode :	Mode 34	Temperature :	21~24°C
Test Channel :	134 802.11n (BW 40M, SISO)	Relative Humidity :	41~49%
Test Engineer :	Sun Wang	Polarization :	Horizontal
Remark :	#3 and #4 are Fundamental Signals		



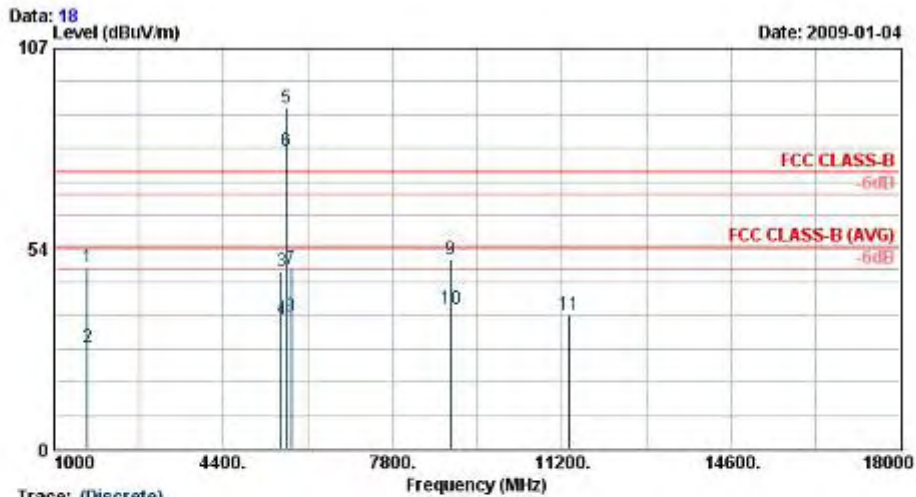
Trace: (Discrete)

Site : 00CH06-RV  
Condition : FCC CLASS-B 3m RF-ANT(8-18C)\_081001 HORIZONTAL  
Model : FR 8N2104  
Mode : 11n (40M) , Ant C , Tx\_CH134

	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	Ant	Table	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1	5560.00	46.58	-27.42	74.00	41.79	34.67	6.24	36.12	100	0 Peak
2	5560.00	34.40	-19.60	54.00	29.61	34.67	6.24	36.12	101	7 Average
3 X	5670.00	84.39			79.37	34.82	6.33	36.13	100	0 Peak
4 X	5670.00	73.78			68.72	34.84	6.35	36.14	101	7 Average
5	5760.00	48.05	-25.95	74.00	42.82	34.96	6.42	36.16	100	0 Peak
6	5760.00	35.48	-18.52	54.00	30.25	34.96	6.42	36.16	101	7 Average
7	8630.00	50.54	-23.46	74.00	44.09	35.83	7.36	36.75	100	0 Peak
8	8630.00	37.49	-16.51	54.00	31.05	35.83	7.36	36.75	108	Average



Test Mode :	Mode 34	Temperature :	21~24°C
Test Channel :	134 802.11n (BW 40M, SISO)	Relative Humidity :	41~49%
Test Engineer :	Sun Wang	Polarization :	Vertical
Remark :	#5 and #6 are Fundamental Signals		



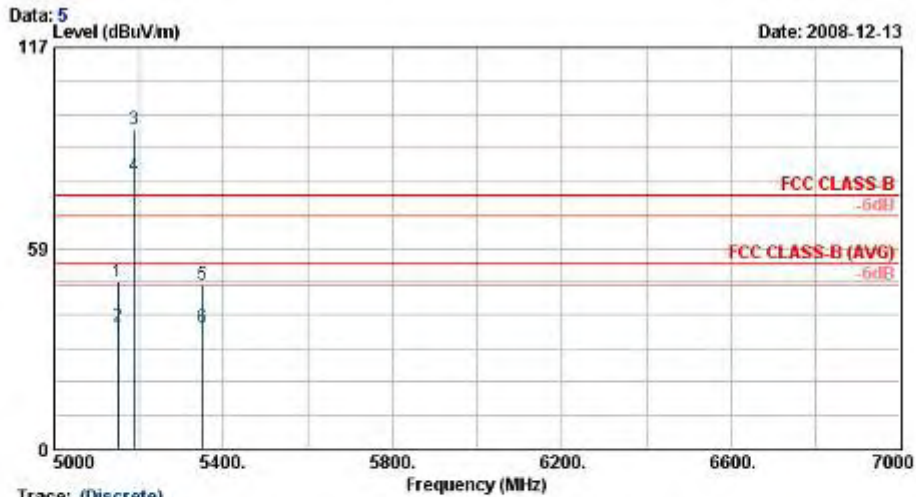
Trace: (Discrete)  
Site : 00CH06-RV  
Condition : FCC CLASS-B 3m HP-ANT(8-18C)\_081001 VERTICAL  
Model : FR 8N2104  
Mode : 11n (40M) , Ant C , Tx\_CH134

	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	dB	cm	deg	
1	1662.00	48.34	-25.66	74.00	52.57	29.17	3.01	36.41	100	0 Peak
2	1662.00	27.13	-26.87	54.00	31.36	29.17	3.01	36.41	100	249 Average
3	5560.00	47.53	-26.47	74.00	42.74	34.67	6.24	36.12	100	0 Peak
4	5560.00	34.73	-19.27	54.00	29.94	34.67	6.24	36.12	114	73 Average
5 X	5670.00	81.01			85.96	34.84	6.35	36.14	100	0 Peak
6 @	5670.00	79.64			74.58	34.84	6.35	36.14	114	73 Average
7	5780.00	47.96	-26.04	74.00	42.73	34.96	6.42	36.16	100	0 Peak
8	5780.00	35.37	-18.63	54.00	30.14	34.96	6.42	36.16	114	73 Average
9	8972.00	50.58	-23.42	74.00	43.54	36.17	7.77	36.89	100	0 Peak
10	8972.00	37.57	-16.43	54.00	30.52	36.17	7.77	36.89	100	220 Average
11	11340.00	35.93	-38.07	74.00	73.32	-9.81	8.79	36.37	100	0 Peak





Test Mode :	Mode 35	Temperature :	21~24°C
Test Channel :	38 802.11n (BW 40M, 2Tx)	Relative Humidity :	41~49%
Test Engineer :	Sun Wang	Polarization :	Horizontal
Remark :	#3 and #4 are Fundamental Signals		

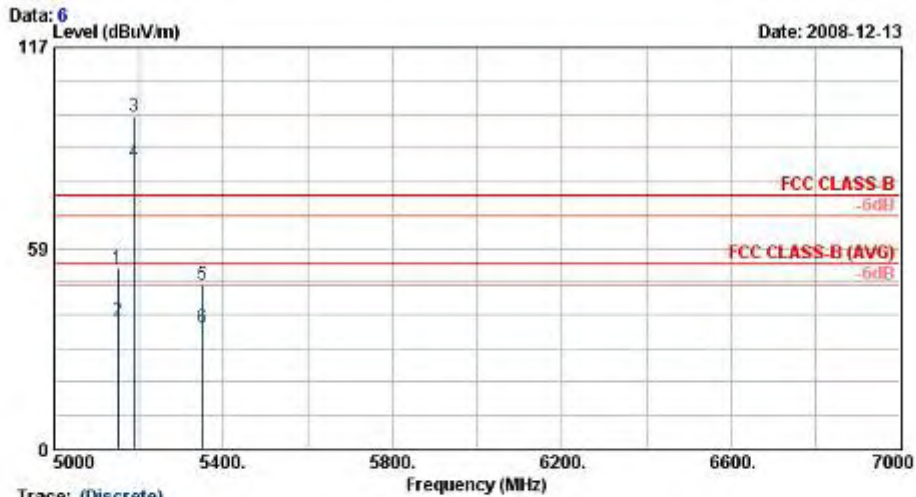


Site : 00CH06-HY  
Condition : FCC CLASS-B 3m HR-ANT\_060821 HORIZONTAL  
Model : FR 8N2104

	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	48.83	-25.17	74.00	44.42	34.53	5.98	36.10	100	0 Peak
2	5150.00	35.50	-18.50	54.00	31.09	34.53	5.98	36.10	103	348 Average
3 X	5190.00	92.94			88.48	34.54	6.01	36.10	100	0 Peak
4 X	5190.00	79.45			75.00	34.54	6.01	36.10	103	348 Average
5	5350.00	47.76	-26.24	74.00	43.20	34.57	6.09	36.10	100	0 Peak
6	5350.00	35.08	-18.92	54.00	30.52	34.57	6.09	36.10	103	348 Average



Test Mode :	Mode 35	Temperature :	21~24°C
Test Channel :	38 802.11n (BW 40M, 2Tx)	Relative Humidity :	41~49%
Test Engineer :	Sun Wang	Polarization :	Vertical
Remark :	#3 and #4 are Fundamental Signals		

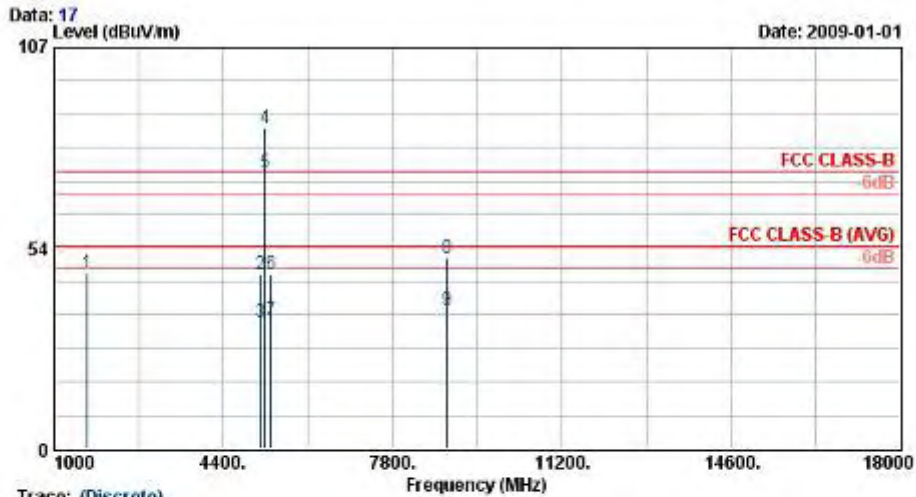


Site : 03CH06-HY  
Condition : FCC CLASS-B 3m HR-ANT\_060821 VERTICAL  
Model : FR 8N2104

	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	52.59	-21.41	74.00	48.18	34.53	5.98	36.10	100	0 Peak
2	5150.00	37.25	-16.75	54.00	32.84	34.53	5.98	36.10	100	59 Average
3 X	5190.00	96.89			92.44	34.54	6.01	36.10	100	0 Peak
4 @	5190.00	83.50			79.05	34.54	6.01	36.10	100	59 Average
5	5350.00	47.92	-26.08	74.00	43.35	34.57	6.09	36.10	100	0 Peak
6	5350.00	35.32	-18.68	54.00	30.76	34.57	6.09	36.10	100	59 Average



Test Mode :	Mode 36	Temperature :	21~24°C
Test Channel :	46 802.11n (BW 40M, 2Tx)	Relative Humidity :	41~49%
Test Engineer :	Sun Wang	Polarization :	Horizontal
Remark :	#4 and #5 are Fundamental Signals		

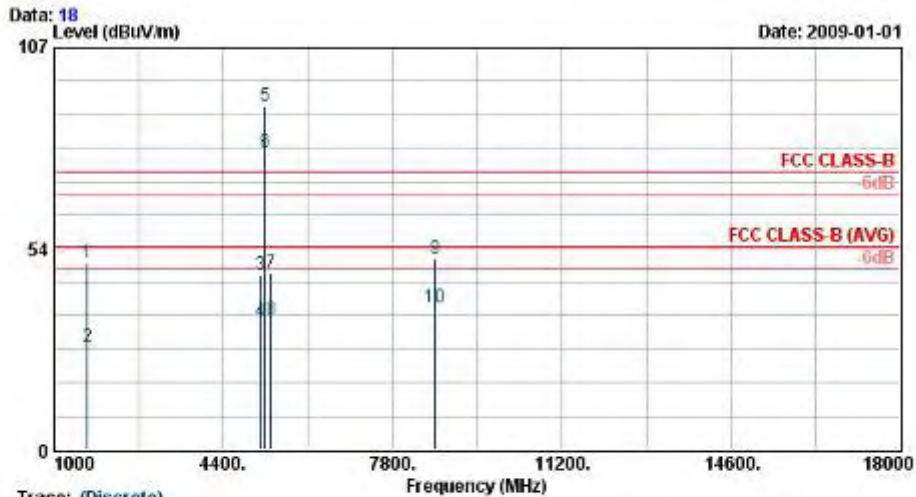


Trace: (Discrete)  
 Site : 03CH06-RV  
 Condition : FCC CLASS-B 3n HP-ANT(6-16C)\_061031 HORIZONTAL  
 Model : FR 8N2104  
 Mode : 11n (s) Tx\_Ch46 (40M)

	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	1670.00	46.87	-27.13	74.00	51.09	29.17	3.01	36.41	100	0	Peak
2	5150.00	46.36	-27.64	74.00	41.95	34.53	5.98	36.10	100	0	Peak
3	5150.00	33.97	-20.03	54.00	29.56	34.53	5.98	36.10	100	3	Average
4 X	5230.00	85.71			81.22	34.55	6.04	36.10	100	0	Peak
5 X	5230.00	73.62			69.15	34.55	6.02	36.10	100	3	Average
6	5350.00	46.46	-27.54	74.00	41.90	34.57	6.09	36.10	100	0	Peak
7	5350.00	34.16	-19.84	54.00	29.60	34.57	6.09	36.10	100	3	Average
8	8886.00	50.89	-23.11	74.00	43.98	36.08	7.68	36.85	100	0	Peak
9	8886.00	37.17	-16.83	54.00	30.25	36.08	7.68	36.85	100	108	Average



Test Mode :	Mode 36	Temperature :	21~24°C
Test Channel :	46 802.11n (BW 40M, 2Tx)	Relative Humidity :	41~49%
Test Engineer :	Sun Wang	Polarization :	Vertical
Remark :	#5 and #6 are Fundamental Signals		

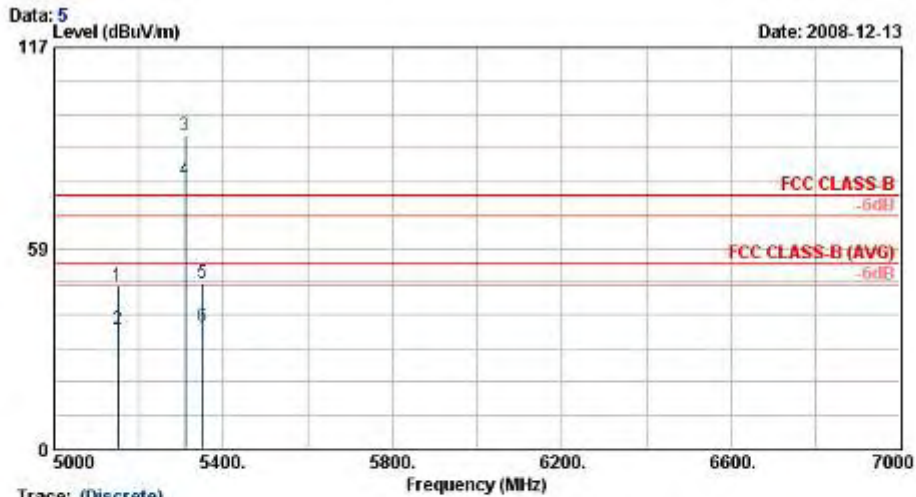


Site : 09CH06-HY  
Condition : FCC CLASS-B 3n HF-ANT(8-18C)\_081001 VERTICAL  
Model : FR 8N2104  
Mode : 11n (s) Tx\_Ch46 (40M)

	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	Ant	Table	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1	1668.00	49.68	-24.32	74.00	53.90	29.17	3.01	36.41	100	0 Peak
2	1668.00	27.36	-26.64	54.00	31.59	29.17	3.01	36.41	100	201 Average
3	5150.00	46.67	-27.33	74.00	42.26	34.53	5.98	36.10	100	0 Peak
4	5150.00	34.16	-19.84	54.00	29.75	34.53	5.98	36.10	100	71 Average
5 X	5230.00	91.45			88.96	34.55	6.04	36.10	100	0 Peak
6 @	5230.00	79.00			74.53	34.55	6.02	36.10	100	71 Average
7	5350.00	46.79	-27.21	74.00	42.23	34.57	6.09	36.10	100	0 Peak
8	5350.00	34.48	-19.52	54.00	29.92	34.57	6.09	36.10	100	71 Average
9	8654.00	50.94	-23.06	74.00	44.47	35.85	7.39	36.76	100	0 Peak
10	8654.00	37.66	-16.34	54.00	31.18	35.85	7.39	36.76	100	336 Average



Test Mode :	Mode 37	Temperature :	21~24°C
Test Channel :	62 802.11n (BW 40M, 2Tx)	Relative Humidity :	41~49%
Test Engineer :	Sun Wang	Polarization :	Horizontal
Remark :	#3 and #4 are Fundamental Signals		

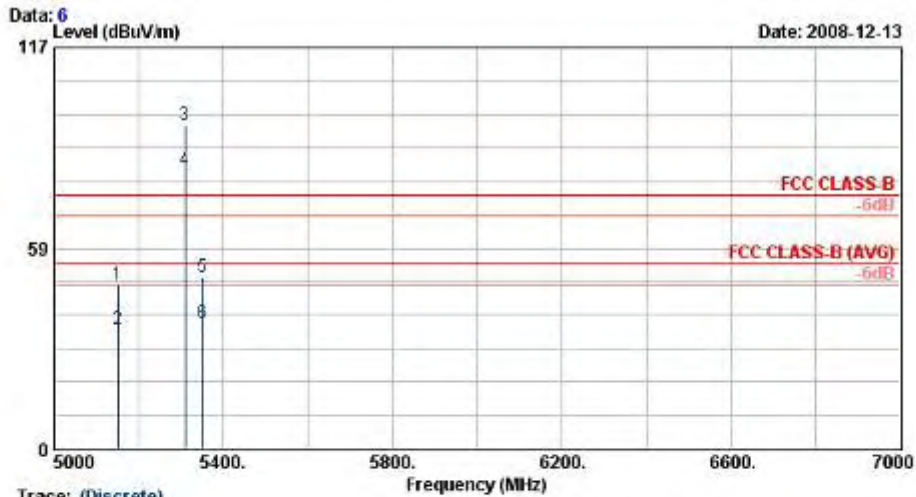


Site : 03CH06-HY  
Condition : FCC CLASS-B 3m HR-ANT\_060821 HORIZONTAL  
Model : FR 8N2104

	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	47.59	-26.41	74.00	43.18	34.53	5.98	36.10	100	0 Peak
2	5150.00	34.62	-19.38	54.00	30.21	34.53	5.98	36.10	100	346 Average
3 X	5310.00	91.45			86.93	34.56	6.07	36.10	100	0 Peak
4 @	5310.00	78.30			73.76	34.56	6.08	36.10	100	346 Average
5	5350.00	48.48	-25.52	74.00	43.92	34.57	6.09	36.10	100	0 Peak
6	5350.00	35.63	-18.37	54.00	31.07	34.57	6.09	36.10	100	346 Average



Test Mode :	Mode 37	Temperature :	21~24°C
Test Channel :	62 802.11n (BW 40M, 2Tx)	Relative Humidity :	41~49%
Test Engineer :	Sun Wang	Polarization :	Vertical
Remark :	#3 and #4 are Fundamental Signals		

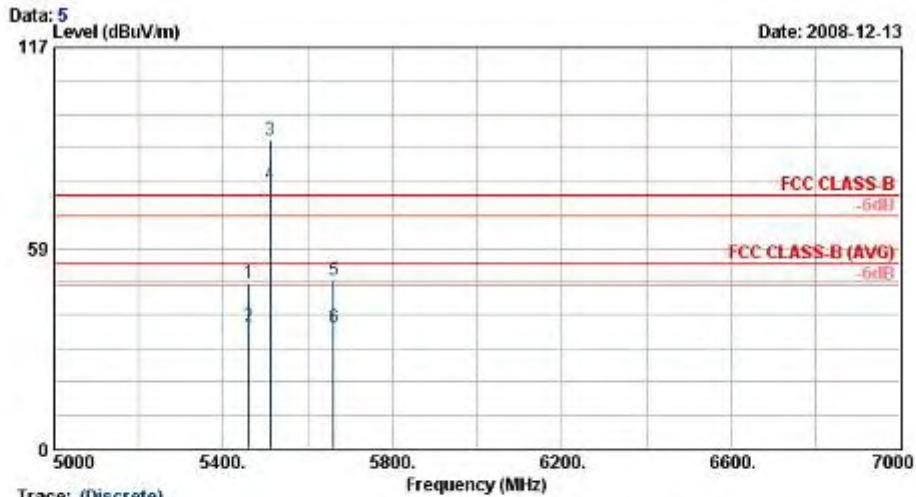


Trace: (Discrete)  
Site : 03CH06-HY  
Condition : FCC CLASS-B 3n HR-ANT\_060821 VERTICAL  
Model : FR 8N2104

	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	47.69	-26.31	74.00	43.28	34.53	5.98	36.10	100	0 Peak
2	5150.00	35.00	-19.00	54.00	30.59	34.53	5.98	36.10	100	71 Average
3 X	5310.00	94.59			90.04	34.56	6.08	36.10	100	0 Peak
4 @	5310.00	81.25			76.71	34.56	6.08	36.10	100	71 Average
5	5350.00	49.83	-24.17	74.00	45.27	34.57	6.09	36.10	100	0 Peak
6	5350.00	36.43	-17.57	54.00	31.87	34.57	6.09	36.10	100	71 Average



Test Mode :	Mode 38	Temperature :	21~24°C
Test Channel :	102 802.11n (BW 40M, 2Tx)	Relative Humidity :	41~49%
Test Engineer :	Sun Wang	Polarization :	Horizontal
Remark :	#3 and #4 are Fundamental Signals		

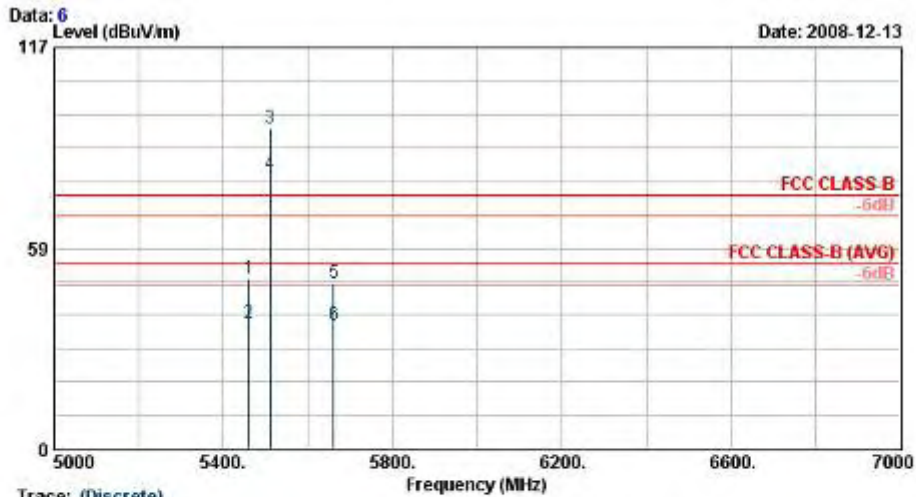


Site : 03CH06-HY  
Condition : FCC CLASS-B 3m HR-ANT\_060821 HORIZONTAL  
Model : FR 8N2104

	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	Ant	Table	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1	5460.00	48.10	-25.90	74.00	43.45	34.59	6.16	36.10	100	0 Peak
2 @	5460.00	35.57	-18.43	54.00	30.92	34.59	6.16	36.10	100	328 Average
3 @	5510.00	90.02			85.31	34.62	6.19	36.11	100	0 Peak
4 @	5510.00	77.08			72.39	34.60	6.19	36.11	100	328 Average
5	5660.00	49.03	-24.97	74.00	44.02	34.82	6.33	36.14	100	0 Peak
6 @	5660.00	35.38	-18.62	54.00	30.37	34.82	6.33	36.14	100	328 Average



Test Mode :	Mode 38	Temperature :	21~24°C
Test Channel :	102 802.11n (BW 40M, 2Tx)	Relative Humidity :	41~49%
Test Engineer :	Sun Wang	Polarization :	Vertical
Remark :	#3 and #4 are Fundamental Signals		



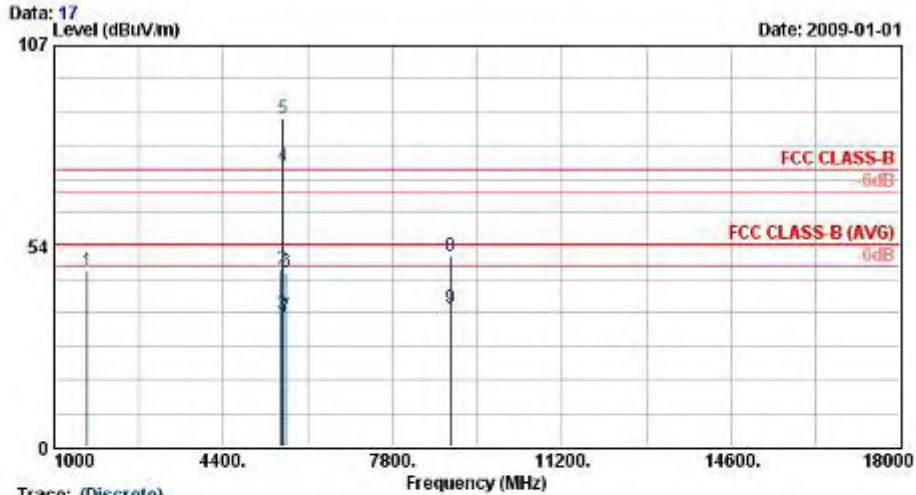
Trace: (Discrete)  
Site : 03CH06-HY  
Condition : FCC CLASS-B 3m HP-ANT\_060821 VERTICAL  
Model : FR 8N2104

	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	Ant	Table	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1	5460.00	49.41	-24.59	74.00	44.76	34.59	6.16	36.10	100	0 Peak
2 @	5460.00	36.37	-17.63	54.00	31.72	34.59	6.16	36.10	100	45 Average
3 @	5510.00	93.57			88.88	34.60	6.19	36.10	100	0 Peak
4 @	5510.00	80.01			75.32	34.60	6.19	36.11	100	45 Average
5	5660.00	48.33	-25.67	74.00	43.32	34.82	6.33	36.14	100	0 Peak
6 @	5660.00	36.07	-17.93	54.00	31.06	34.82	6.33	36.14	100	45 Average





Test Mode :	Mode 39	Temperature :	21~24°C
Test Channel :	118 802.11n (BW 40M, 2Tx)	Relative Humidity :	41~49%
Test Engineer :	Sun Wang	Polarization :	Horizontal
Remark :	#4 and #5 are Fundamental Signals		

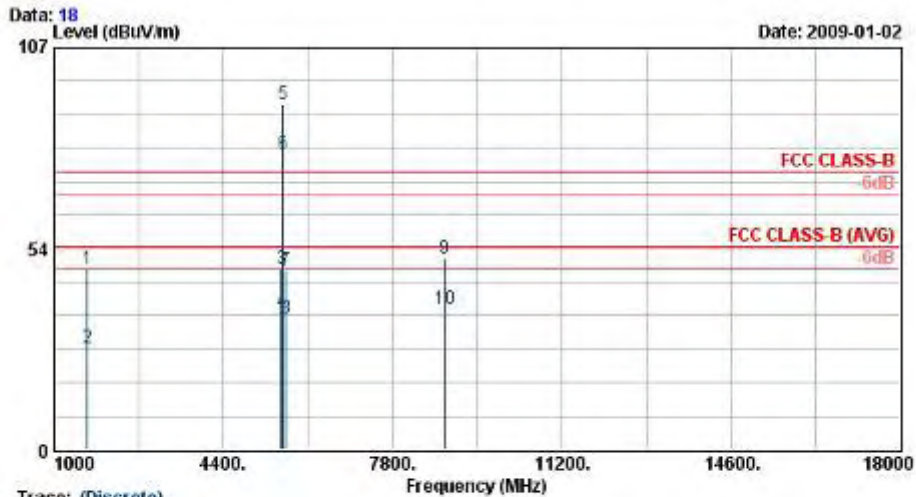


Trace: (Discrete)  
 Site : 03CH06-RV  
 Condition : FCC CLASS-B 3m HP-ANT(8-16C)\_081031 HORIZONTAL  
 Model : FR 8N2104  
 Mode : 11n (s) Tx\_Ch118 (40M)

	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	Ant	Table	
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1	1662.00	46.92	-27.08	74.00	51.14	29.17	3.01	36.41	100	0 Peak
2	5560.00	47.47	-26.53	74.00	42.68	34.67	6.24	36.12	100	0 Peak
3	5560.00	35.20	-18.80	54.00	30.41	34.67	6.24	36.12	102	25 Average
4 X	5590.00	74.63			69.77	34.72	6.26	36.12	102	25 Average
5 X	5590.00	87.38			82.50	34.72	6.28	36.12	100	0 Peak
6	5660.00	46.53	-27.47	74.00	41.52	34.82	6.33	36.14	100	0 Peak
7	5660.00	34.41	-19.59	54.00	29.40	34.82	6.33	36.14	102	25 Average
8	8964.00	50.81	-23.19	74.00	43.77	36.15	7.77	36.88	100	0 Peak
9	8964.00	37.16	-16.84	54.00	30.12	36.15	7.77	36.88	100	216 Average



Test Mode :	Mode 39	Temperature :	21~24°C
Test Channel :	118 802.11n (BW 40M, 2Tx)	Relative Humidity :	41~49%
Test Engineer :	Sun Wang	Polarization :	Vertical
Remark :	#5 and #6 are Fundamental Signals		



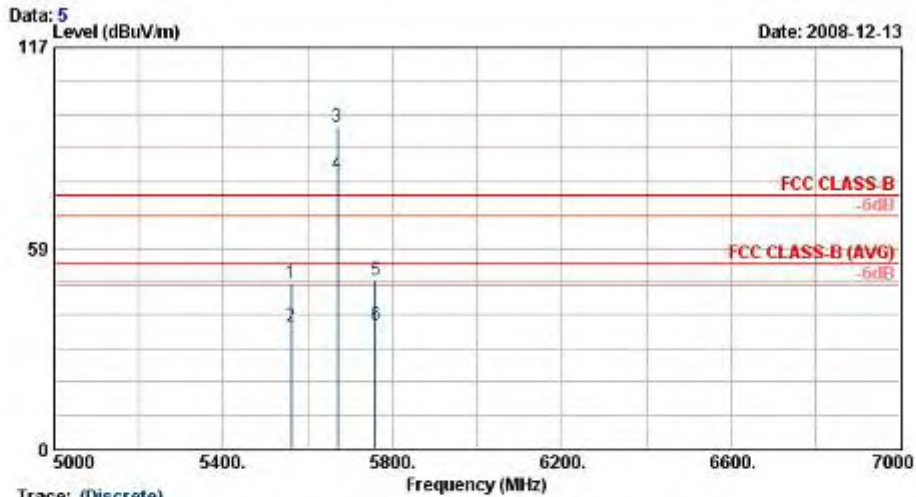
Trace: (Discrete)

Site : 09CH06-HY  
Condition : FCC CLASS-B 3n HF-ANT(8-18C)\_081001 VERTICAL  
Model : FR 8N2104  
Mode : 11n (s) Tx\_Ch118 (40M)

	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	1668.00	48.20	-25.80	74.00	52.43	29.17	3.01	36.41	100	0	Peak
2	1668.00	27.00	-27.00	54.00	31.23	29.17	3.01	36.41	100	284	Average
3	5560.00	48.17	-25.83	74.00	43.38	34.67	6.24	36.12	100	0	Peak
4	5560.00	36.76	-17.24	54.00	31.87	34.67	6.24	36.12	105	68	Average
5 X	5590.00	91.79			88.91	34.72	6.28	36.12	100	0	Peak
6 @	5590.00	78.71			73.85	34.72	6.28	36.12	105	68	Average
7	5660.00	47.77	-26.23	74.00	42.76	34.82	6.33	36.14	100	0	Peak
8	5660.00	35.09	-18.91	54.00	30.08	34.82	6.33	36.14	105	68	Average
9	8844.00	50.91	-23.09	74.00	44.09	36.03	7.62	36.84	100	0	Peak
10	8844.00	37.56	-16.44	54.00	30.74	36.03	7.62	36.84	100	51	Average



Test Mode :	Mode 40	Temperature :	21~24°C
Test Channel :	134 802.11n (BW 40M, 2Tx)	Relative Humidity :	41~49%
Test Engineer :	Sun Wang	Polarization :	Horizontal
Remark :	#3 and #4 are Fundamental Signals		

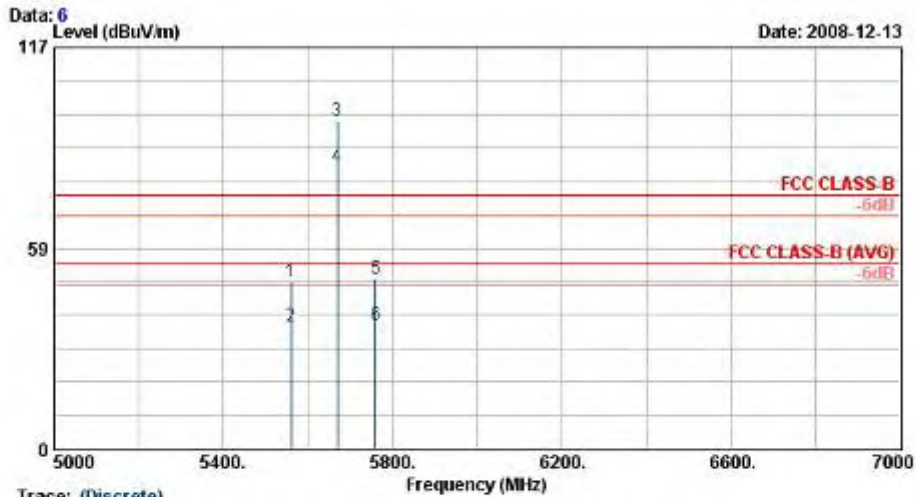


Site : 03CH06-HY  
Condition : FCC CLASS-B 3m HR-ANT\_060821 HORIZONTAL  
Model : FR 8N2104

	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	Ant	Table	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1	5560.00	48.18	-25.82	74.00	43.99	34.67	6.24	36.12	100	0 Peak
2 @	5560.00	35.49	-18.51	54.00	30.70	34.67	6.24	36.12	112	325 Average
3 @	5670.00	93.74			88.73	34.82	6.33	36.13	100	0 Peak
4 @	5670.00	80.13			75.07	34.84	6.35	36.14	112	325 Average
5	5760.00	49.20	-24.80	74.00	43.97	34.96	6.42	36.16	100	0 Peak
6 @	5760.00	35.99	-18.01	54.00	30.76	34.96	6.42	36.16	112	325 Average



Test Mode :	Mode 40	Temperature :	21~24°C
Test Channel :	134 802.11n (BW 40M, 2Tx)	Relative Humidity :	41~49%
Test Engineer :	Sun Wang	Polarization :	Vertical
Remark :	#3 and #4 are Fundamental Signals		

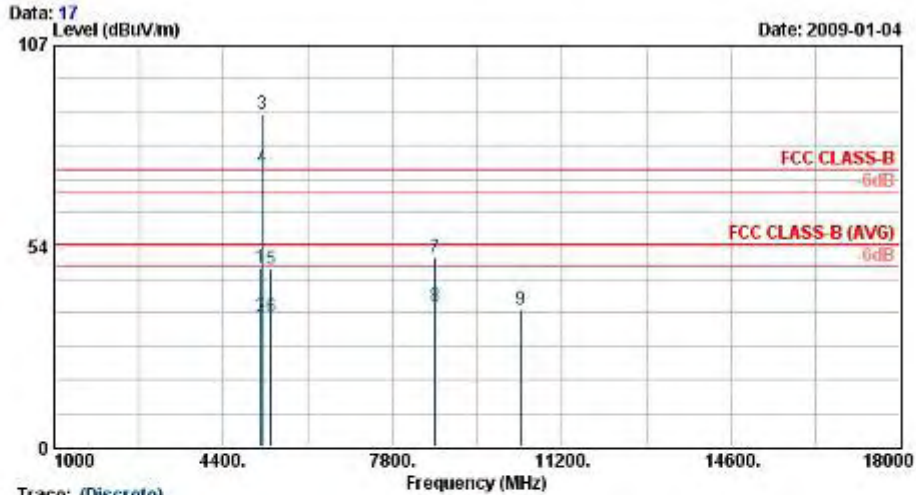


Trace: (Discrete)  
Site : 03CH06-HY  
Condition : FCC CLASS-B 3m HR-ANT\_060821 VERTICAL  
Model : FR 8N2104

	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	Ant	Table	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1	5560.00	48.72	-25.28	74.00	43.93	34.67	6.24	36.12	100	0 Peak
2 @	5560.00	35.66	-18.34	54.00	30.87	34.67	6.24	36.12	132	38 Average
3 @	5670.00	95.81			90.80	34.82	6.33	36.14	100	0 Peak
4 @	5670.00	82.38			77.32	34.84	6.35	36.14	132	38 Average
5	5760.00	49.44	-24.56	74.00	44.21	34.96	6.42	36.16	100	0 Peak
6 @	5760.00	36.31	-17.69	54.00	31.08	34.96	6.42	36.16	132	38 Average



Test Mode :	Mode 41	Temperature :	21~24°C
Test Channel :	38 802.11n (BW 40M, 3Tx)	Relative Humidity :	41~49%
Test Engineer :	Sun Wang	Polarization :	Horizontal
Remark :	#3 and #4 are Fundamental Signals		



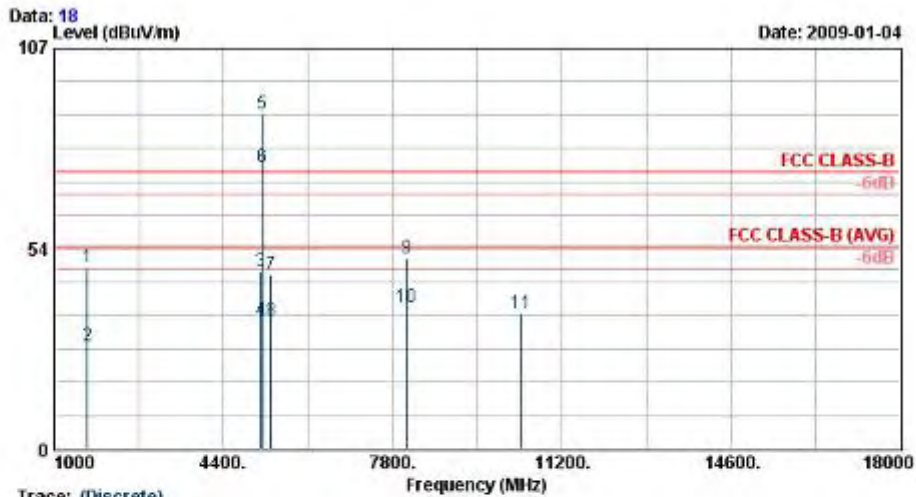
Site :  
Condition :  
Model :  
Mode :

Trace: (Discrete)  
: 03CH06-RV  
: FCC CLASS-B 3n HF-ANT(6-16G)\_061031 HORIZONTAL  
: FR 8N2104  
: 11n (40M) , Ant A+B+C , Tx\_CR38

	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	5150.00	47.84	-26.16	74.00	43.43	34.53	5.98	36.10	100	0	Peak
2	5150.00	34.42	-19.58	54.00	30.01	34.53	5.98	36.10	119	298	Average
3 X	5190.00	88.53			84.08	34.54	6.01	36.10	100	0	Peak
4 X	5190.00	74.36			69.91	34.54	6.01	36.10	119	298	Average
5	5350.00	47.40	-26.60	74.00	42.84	34.57	6.09	36.10	100	0	Peak
6	5350.00	34.47	-19.53	54.00	29.91	34.57	6.09	36.10	119	298	Average
7	8652.00	50.59	-23.41	74.00	44.12	35.85	7.39	36.76	100	0	Peak
8	8652.00	37.57	-18.43	54.00	31.09	35.85	7.39	36.76	100	316	Average
9	10380.00	36.54	-37.46	74.00	74.25	-9.15	8.26	36.83	100	0	Peak



Test Mode :	Mode 41	Temperature :	21~24°C
Test Channel :	38 802.11n (BW 40M, 3Tx)	Relative Humidity :	41~49%
Test Engineer :	Sun Wang	Polarization :	Vertical
Remark :	#5 and #6 are Fundamental Signals		

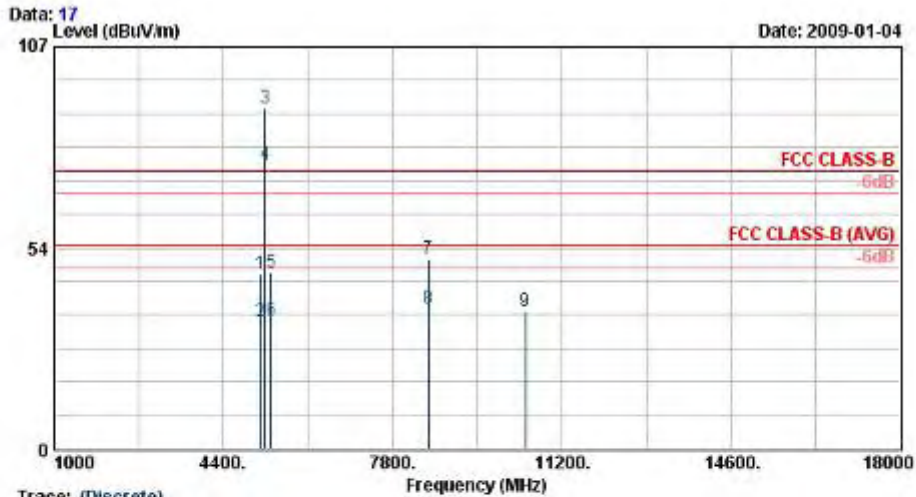


Trace: (Discrete)  
 Site : 00CH06-RV  
 Condition : FCC CLASS-B 3m HP-ANT(8-18C)\_081001 VERTICAL  
 Model : FR 8N2104  
 Mode : 11n (40M) , Ant A+B+C , Tx\_CH38

	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	Ant	Table	
	MHz	dBuV/m	dB	dBuV/m	Level	Loss	Factor	Pos	Pos	Remark
					Factor	Factor		cm	deg	
1	1668.00	48.40	-25.60	74.00	52.63	29.17	3.01	36.41	100	0 Peak
2	1668.00	27.34	-26.66	54.00	31.57	29.17	3.01	36.41	100	297 Average
3	5150.00	47.33	-26.67	74.00	42.92	34.53	5.98	36.10	100	0 Peak
4	5150.00	34.39	-19.61	54.00	28.98	34.53	5.98	36.10	100	69 Average
5 X	5190.00	88.39			84.86	34.54	6.00	36.10	100	0 Peak
6 @	5190.00	75.06			70.61	34.54	6.01	36.10	100	69 Average
7	5350.00	46.41	-27.59	74.00	41.84	34.57	6.09	36.10	100	0 Peak
8	5350.00	34.31	-19.69	54.00	29.75	34.57	6.09	36.10	100	69 Average
9	8086.00	50.96	-23.04	74.00	44.49	35.70	7.47	36.70	100	0 Peak
10	8086.00	37.96	-16.04	54.00	31.49	35.70	7.47	36.70	100	240 Average
11	10380.00	36.24	-37.76	74.00	73.95	-9.15	8.26	36.83	100	0 Peak



Test Mode :	Mode 42	Temperature :	21~24°C
Test Channel :	46 802.11n (BW 40M, 3Tx)	Relative Humidity :	41~49%
Test Engineer :	Sun Wang	Polarization :	Horizontal
Remark :	#3 and #4 are Fundamental Signals		



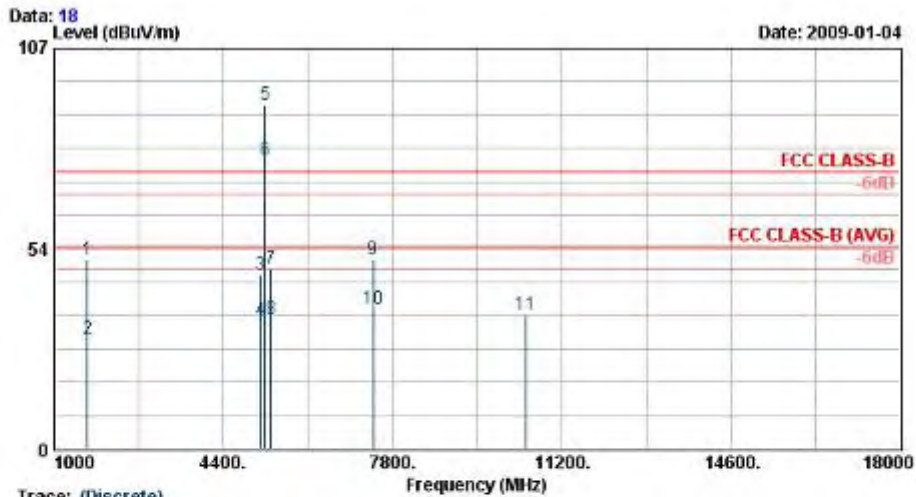
Site :  
Condition :  
Model :  
Mode :

Trace: (Discrete)  
: 09CH06-RV  
: FCC CLASS-B 3m HF-ANT(8-18G)\_D81031 HORIZONTAL  
: FR 8N2104  
: 11n (40M) , Ant A+B+C , Tx\_CH46

	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	Ant	Table	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	Loss	Factor	Pos	Pos	
					dB/m	dB	dB	cm	deg	
1	5150.00	46.52	-27.48	74.00	42.11	34.53	5.98	36.10	100	0 Peak
2	5150.00	33.84	-20.16	54.00	28.43	34.53	5.98	36.10	102	353 Average
3 X	5230.00	90.57			86.08	34.55	6.04	36.10	100	0 Peak
4 X	5230.00	75.78			71.29	34.55	6.02	36.10	102	353 Average
5	5350.00	46.80	-27.20	74.00	42.24	34.57	6.09	36.10	100	0 Peak
6	5350.00	34.33	-19.67	54.00	29.77	34.57	6.09	36.10	102	353 Average
7	8518.00	50.56	-23.44	74.00	44.35	35.72	7.21	36.71	100	0 Peak
8	8518.00	37.43	-16.57	54.00	31.21	35.72	7.21	36.71	100	49 Average
9	10460.00	36.78	-37.22	74.00	74.33	-9.10	8.29	36.75	100	0 Peak



Test Mode :	Mode 42	Temperature :	21~24°C
Test Channel :	46 802.11n (BW 40M, 3Tx)	Relative Humidity :	41~49%
Test Engineer :	Sun Wang	Polarization :	Vertical
Remark :	#5 and #6 are Fundamental Signals		



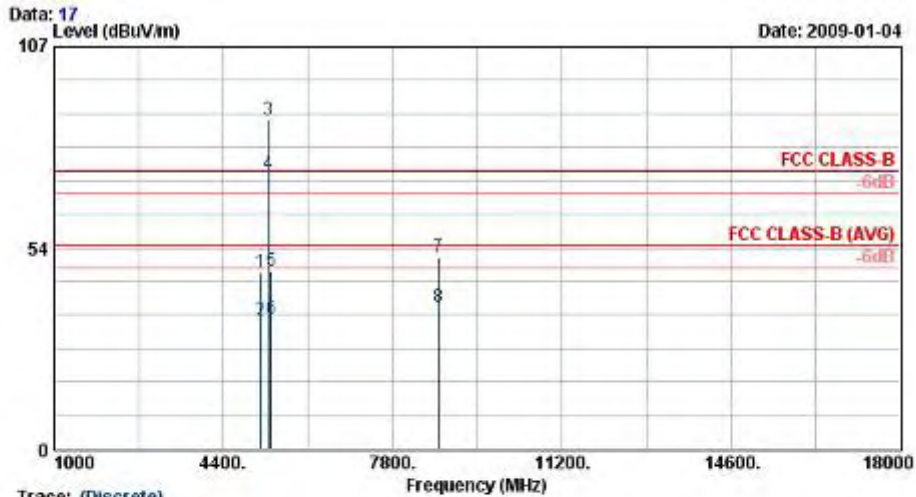
Trace: (Discrete)  
Site : 00CH06-RV  
Condition : FCC CLASS-B 3m HP-ANT(8-18C)\_081001 VERTICAL  
Model : FR 8N2104  
Mode : 11n (40M) , Ant A+B+C , Tx\_CH46

	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	Ant	Table	
	MHz	dBuV/m	dB	dBuV/m	dBuV	Loss	Factor	Pos	Pos	Remark
					dB/m	dB	dB	cm	deg	
1	1668.00	50.41	-23.59	74.00	54.64	29.17	3.01	36.41	100	0 Peak
2	1668.00	29.26	-24.74	54.00	33.49	29.17	3.01	36.41	100	244 Average
3	5150.00	46.66	-27.34	74.00	42.25	34.53	5.98	36.10	100	0 Peak
4	5150.00	34.10	-19.90	54.00	29.69	34.53	5.98	36.10	100	68 Average
5 X	5230.00	91.82			87.35	34.54	6.02	36.10	100	0 Peak
6 @	5230.00	77.34			72.87	34.55	6.02	36.10	100	68 Average
7	5350.00	48.15	-25.85	74.00	43.59	34.57	6.09	36.10	100	0 Peak
8	5350.00	34.43	-19.57	54.00	29.87	34.57	6.09	36.10	100	68 Average
9	7408.00	50.42	-23.58	74.00	44.21	35.53	7.24	36.56	100	0 Peak
10	7408.00	37.41	-16.59	54.00	31.20	35.53	7.24	36.56	100	357 Average
11	10460.00	35.95	-38.05	74.00	73.51	-9.10	8.29	36.75	100	0 Peak





Test Mode :	Mode 43	Temperature :	21~24°C
Test Channel :	62 802.11n (BW 40M, 3Tx)	Relative Humidity :	41~49%
Test Engineer :	Sun Wang	Polarization :	Horizontal
Remark :	#3 and #4 are Fundamental Signals		

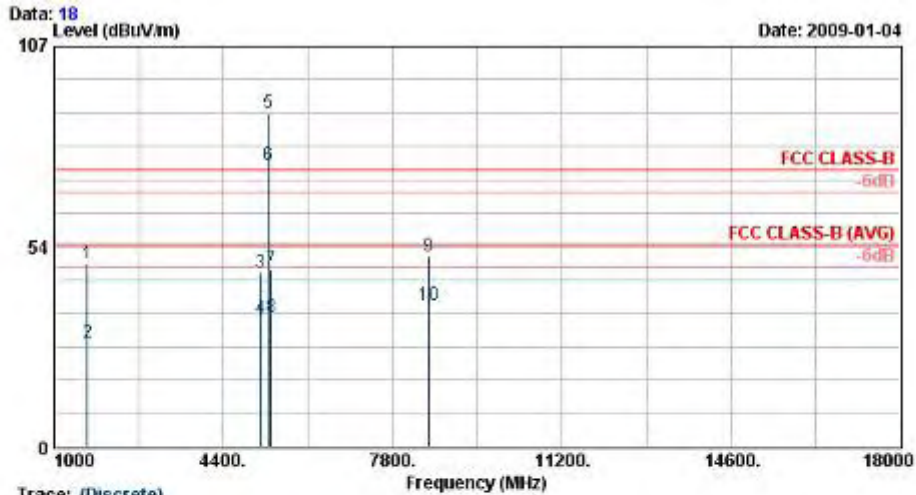


Site : 09CH06-HV  
Condition : FCC CLASS-B 3m HF-ANT(8-18G)\_D81031 HORIZONTAL  
Model : FR 8N2104  
Mode : 11n (40M) , Ant A+B+C , Tx\_CH02

	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	5150.00	46.95	-27.05	74.00	42.54	34.53	5.98	36.10	100	0	Peak
2	5150.00	34.09	-19.91	54.00	29.68	34.53	5.98	36.10	100	350	Average
3 X	5310.00	87.51			82.96	34.56	6.08	36.10	100	0	Peak
4 X	5310.00	73.19			68.65	34.56	6.08	36.10	100	350	Average
5	5350.00	47.14	-26.86	74.00	42.58	34.57	6.09	36.10	100	0	Peak
6	5350.00	34.51	-19.49	54.00	29.95	34.57	6.09	36.10	100	350	Average
7	8734.00	50.84	-23.16	74.00	44.22	35.93	7.48	36.79	100	0	Peak
8	8734.00	37.73	-16.27	54.00	31.11	35.93	7.48	36.79	100	203	Average



Test Mode :	Mode 43	Temperature :	21~24°C
Test Channel :	62 802.11n (BW 40M, 3Tx)	Relative Humidity :	41~49%
Test Engineer :	Sun Wang	Polarization :	Vertical
Remark :	#5 and #6 are Fundamental Signals		



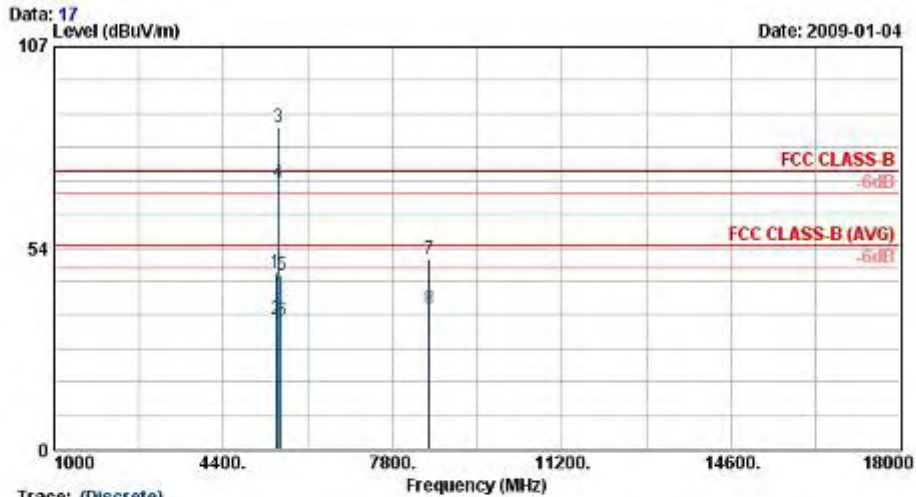
Site :  
Condition :  
Model :  
Mode :

09CH06-HY  
FCC CLASS-B 3m HR-ANT(8-18C)\_081031 VERTICAL  
FR 8N2104  
11n (40M) , Ant A+B+C , Tn\_CH62

	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	1662.00	49.10	-24.90	74.00	53.32	29.17	3.01	36.41	100	0	Peak
2	1662.00	28.02	-25.98	54.00	32.25	29.17	3.01	36.41	100	111	Average
3	5150.00	46.37	-27.63	74.00	41.96	34.53	5.98	36.10	100	0	Peak
4	5150.00	34.02	-19.98	54.00	29.61	34.53	5.98	36.10	110	72	Average
5 X	5310.00	89.07			84.53	34.56	6.08	36.10	100	0	Peak
6 @	5310.00	75.15			70.61	34.56	6.08	36.10	110	72	Average
7	5350.00	47.47	-26.53	74.00	42.91	34.57	6.09	36.10	100	0	Peak
8	5350.00	34.74	-19.26	54.00	30.18	34.57	6.09	36.10	110	72	Average
9	8524.00	51.00	-23.00	74.00	44.73	35.73	7.24	36.71	100	0	Peak
10	8524.00	37.93	-16.07	54.00	31.67	35.73	7.24	36.71	100	209	Average



Test Mode :	Mode 44	Temperature :	21~24°C
Test Channel :	102 802.11n (BW 40M, 3Tx)	Relative Humidity :	41~49%
Test Engineer :	Sun Wang	Polarization :	Horizontal
Remark :	#3 and #4 are Fundamental Signals		

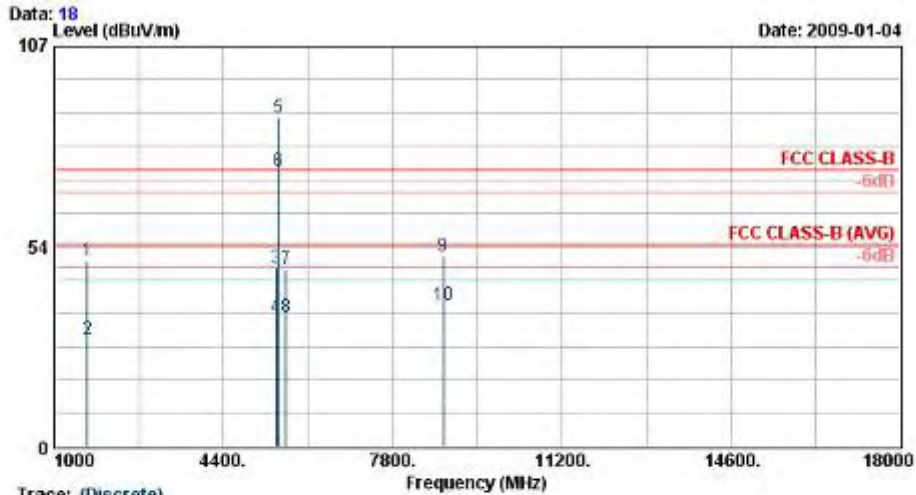


Site : 09CH06-HV  
Condition : FCC CLASS-B 3m HP-ANT(8-18G)\_D81031 HORIZONTAL  
Model : FR 8N2104  
Mode : 11n (40M) , Ant A+B+C , Tx\_CH102

	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	Ant	Table	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1	5460.00	46.77	-27.23	74.00	42.12	34.59	6.16	36.10	100	0 Peak
2	5460.00	34.41	-19.59	54.00	29.76	34.59	6.16	36.10	110	300 Average
3 X	5510.00	85.45			80.76	34.60	6.19	36.10	100	0 Peak
4 X	5510.00	70.83			66.14	34.60	6.19	36.11	110	300 Average
5	5560.00	46.32	-27.68	74.00	41.53	34.67	6.24	36.12	100	0 Peak
6	5560.00	34.26	-19.74	54.00	29.47	34.67	6.24	36.12	110	300 Average
7	8526.00	50.56	-23.44	74.00	44.30	35.73	7.24	36.71	100	0 Peak
8	8526.00	37.31	-16.69	54.00	31.05	35.73	7.24	36.71	100	27 Average



Test Mode :	Mode 44	Temperature :	21~24°C
Test Channel :	102 802.11n (BW 40M, 3Tx)	Relative Humidity :	41~49%
Test Engineer :	Sun Wang	Polarization :	Vertical
Remark :	#5 and #6 are Fundamental Signals		



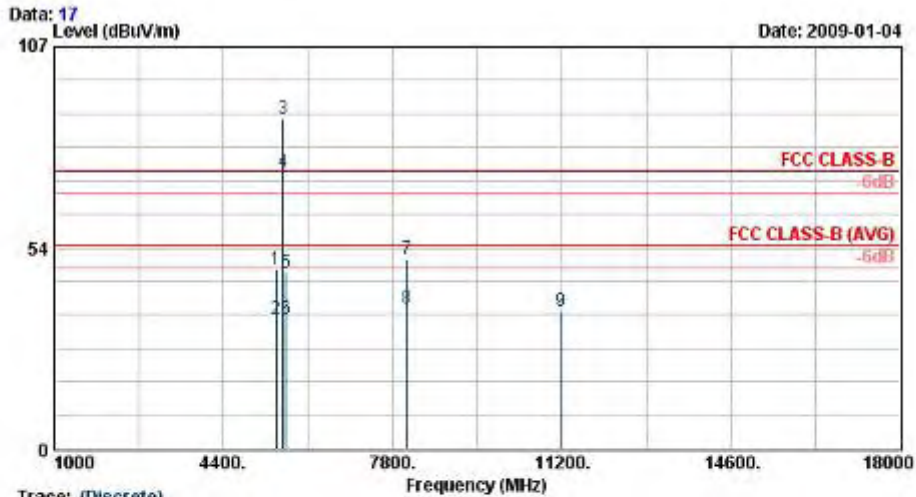
Site :  
Condition :  
Model :  
Mode :

09CH06-HV  
FCC CLASS-B 3m WR-ANT(8-18C)\_081031 VERTICAL  
FR 8N2104  
11n (40M) , Ant A+B+C , Tr\_CH102

	Trace (Discrete)	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
	Freq	Level	Limit	Line	Level	Factor	Loss	Factor	Pos	Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1	1662.00	49.63	-24.37	74.00	53.86	29.17	3.01	36.41	100	0 Peak
2	1662.00	28.54	-25.46	54.00	32.77	29.17	3.01	36.41	100	333 Average
3	5460.00	47.83	-26.17	74.00	43.18	34.59	6.16	36.10	100	0 Peak
4	5460.00	34.68	-19.32	54.00	30.03	34.59	6.16	36.10	100	8 Average
5 X	5510.00	88.03			83.34	34.60	6.19	36.10	100	0 Peak
6 @	5510.00	73.45			68.76	34.60	6.19	36.11	100	8 Average
7	5660.00	47.44	-26.56	74.00	42.43	34.82	6.33	36.14	100	0 Peak
8	5660.00	34.52	-19.48	54.00	29.51	34.82	6.33	36.14	100	8 Average
9	8812.00	50.78	-23.22	74.00	43.99	36.02	7.59	36.82	100	0 Peak
10	8812.00	37.67	-16.33	54.00	30.88	36.02	7.59	36.82	100	25 Average



Test Mode :	Mode 45	Temperature :	21~24°C
Test Channel :	118 802.11n (BW 40M, 3Tx)	Relative Humidity :	41~49%
Test Engineer :	Sun Wang	Polarization :	Horizontal
Remark :	#3 and #4 are Fundamental Signals		

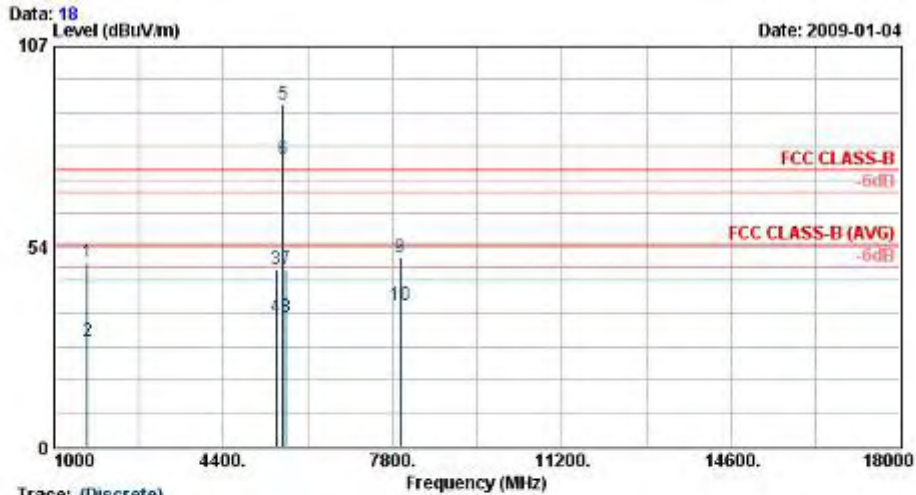


Trace: (Discrete)  
Site : 09CH06-HV  
Condition : FCC CLASS-B 3m HF-ANT(8-18G)\_D81031 HORIZONTAL  
Model : FR 8N2104  
Mode : 11n (40M) , Ant A+B+C , Tx\_CH118

	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	Ant	Table	
	MHz	dBuV/m	dB	dBuV/m	Level	Loss	Factor	Pos	Pos	Remark
					Factor	Factor		cm	deg	
1	5460.00	47.58	-26.42	74.00	42.93	34.59	6.16	36.10	100	0 Peak
2	5460.00	34.63	-19.37	54.00	29.98	34.59	6.16	36.10	100	298 Average
3 X	5590.00	88.01			83.17	34.70	6.26	36.12	100	0 Peak
4 X	5590.00	73.55			68.69	34.72	6.26	36.12	100	298 Average
5	5660.00	46.91	-27.09	74.00	41.90	34.82	6.33	36.14	100	0 Peak
6	5660.00	34.50	-19.50	54.00	29.49	34.82	6.33	36.14	100	298 Average
7	8084.00	50.54	-23.46	74.00	44.07	35.70	7.47	36.70	100	0 Peak
8	8084.00	37.48	-16.52	54.00	31.01	35.70	7.47	36.70	100	316 Average
9	11180.00	36.42	-37.58	74.00	73.77	-9.74	8.82	36.43	100	0 Peak



Test Mode :	Mode 45	Temperature :	21~24°C
Test Channel :	118 802.11n (BW 40M, 3Tx)	Relative Humidity :	41~49%
Test Engineer :	Sun Wang	Polarization :	Vertical
Remark :	#5 and #6 are Fundamental Signals		



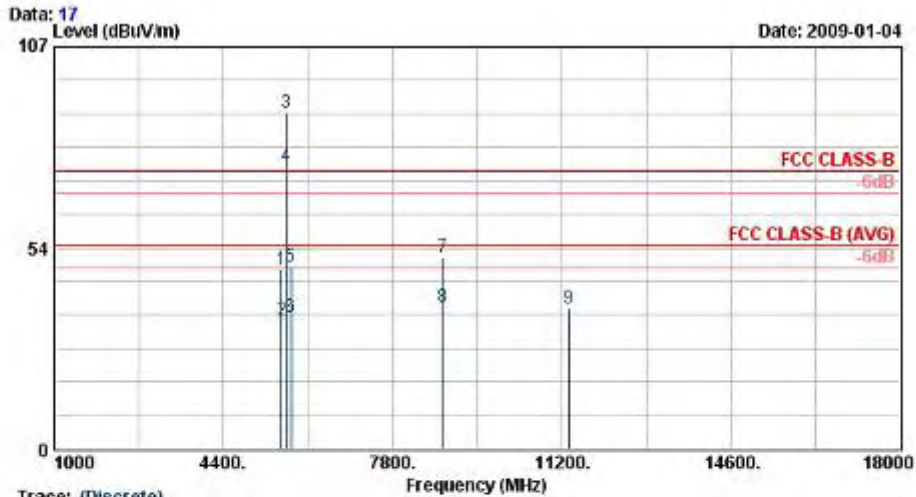
Site :  
Condition :  
Model :  
Mode :

09CH06-HY  
FCC CLASS-B 3m WR-ANT(8-18G)\_081031 VERTICAL  
FR 8N2104  
11n (40M) , Ant A+B+C , Tr\_CH118

	Trace (Discrete)	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
	Freq	Level	Limit	Line	Level	Factor	Loss	Factor	Pos	Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1	1668.00	49.26	-24.74	74.00	53.49	29.17	3.01	36.41	100	0 Peak
2	1668.00	28.06	-25.94	54.00	32.29	29.17	3.01	36.41	100	269 Average
3	5460.00	47.24	-26.76	74.00	42.59	34.59	6.16	36.10	100	0 Peak
4	5460.00	34.58	-19.42	54.00	29.93	34.59	6.16	36.10	100	7 Average
5 X	5590.00	81.34			86.51	34.70	6.26	36.12	100	0 Peak
6 @	5590.00	76.58			71.72	34.72	6.26	36.12	100	7 Average
7	5660.00	47.38	-26.62	74.00	42.37	34.82	6.33	36.14	100	0 Peak
8	5660.00	34.60	-19.40	54.00	29.59	34.82	6.33	36.14	100	7 Average
9	7942.00	50.71	-23.29	74.00	44.24	35.87	7.48	36.69	100	0 Peak
10	7942.00	37.66	-18.34	54.00	31.19	35.87	7.48	36.69	100	222 Average



Test Mode :	Mode 46	Temperature :	21~24°C
Test Channel :	134 802.11n (BW 40M, 3Tx)	Relative Humidity :	41~49%
Test Engineer :	Sun Wang	Polarization :	Horizontal
Remark :	#3 and #4 are Fundamental Signals		

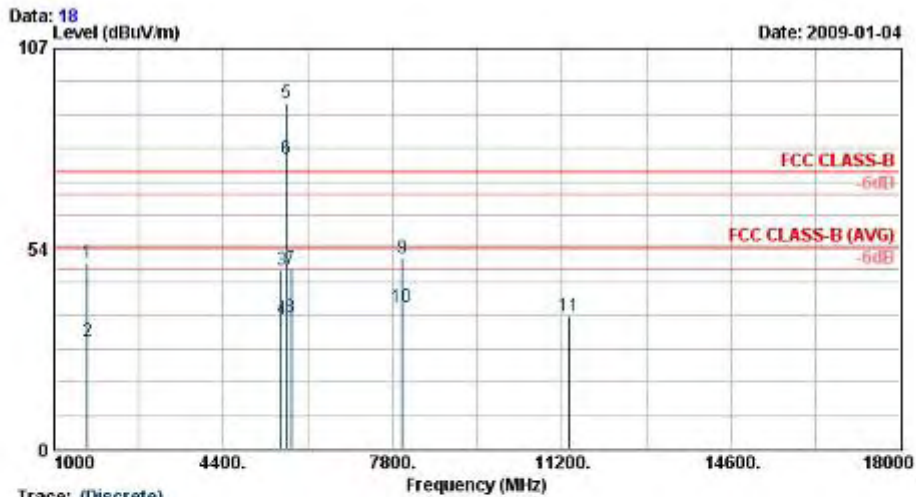


Trace: (Discrete)  
Site : 09CH06-HV  
Condition : FCC CLASS-B 3m HF-ANT(8-18G)\_D81031 HORIZONTAL  
Model : FR 8N2104  
Mode : 11n (40M) , Ant A+B+C , Tx\_CH134

	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	Ant	Table	
	MHz	dBuV/m	dB	dBuV/m	Level	Loss	Factor	Pos	Pos	Remark
					Factor	Factor		cm	deg	
1	5560.00	47.59	-26.41	74.00	42.80	34.67	6.24	36.12	100	0 Peak
2	5560.00	34.34	-19.66	54.00	28.55	34.67	6.24	36.12	113	347 Average
3 X	5670.00	89.66			84.65	34.82	6.33	36.14	100	0 Peak
4 X	5670.00	75.19			70.13	34.84	6.35	36.14	113	347 Average
5	5760.00	48.48	-25.52	74.00	43.25	34.96	6.42	36.16	100	0 Peak
6	5760.00	35.12	-18.88	54.00	29.89	34.96	6.42	36.16	113	347 Average
7	8796.00	50.77	-23.23	74.00	44.02	36.00	7.56	36.82	100	0 Peak
8	8796.00	37.73	-16.27	54.00	30.99	36.00	7.56	36.82	100	103 Average
9	11340.00	37.29	-36.71	74.00	74.88	-9.81	8.79	36.37	100	0 Peak



Test Mode :	Mode 46	Temperature :	21~24°C
Test Channel :	134 802.11n (BW 40M, 3Tx)	Relative Humidity :	41~49%
Test Engineer :	Sun Wang	Polarization :	Vertical
Remark :	#5 and #6 are Fundamental Signals		



Trace: (Discrete)  
Site : 00CH06-HY  
Condition : FCC CLASS-B 3m HP-ANT(8-18C)\_081001 VERTICAL  
Model : FR 8N2104  
Mode : 11n (40M) , Ant A+B+C , Tx\_CH134

	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	dB	cm	deg	
1	1668.00	49.82	-24.18	74.00	54.05	29.17	3.01	36.41	100	0 Peak
2	1668.00	28.72	-25.28	54.00	32.95	29.17	3.01	36.41	100	159 Average
3	5560.00	47.63	-26.37	74.00	42.84	34.67	6.24	36.12	100	0 Peak
4	5560.00	34.46	-19.54	54.00	29.67	34.67	6.24	36.12	102	61 Average
5 X	5670.00	92.19			87.18	34.82	6.33	36.14	100	0 Peak
6 @	5670.00	77.41			72.35	34.84	6.35	36.14	102	61 Average
7	5760.00	48.02	-25.98	74.00	42.79	34.96	6.42	36.16	100	0 Peak
8	5760.00	35.16	-18.84	54.00	29.93	34.96	6.42	36.16	102	61 Average
9	7998.00	50.88	-23.12	74.00	44.35	35.70	7.52	36.70	100	0 Peak
10	7998.00	37.83	-16.18	54.00	31.30	35.70	7.52	36.70	100	99 Average
11	11340.00	35.24	-38.76	74.00	72.63	-9.81	8.79	36.37	100	0 Peak



## 3.8 Peak Excursion Ratio Measurement

### 3.8.1 Limit of Peak Excursion Ratio

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

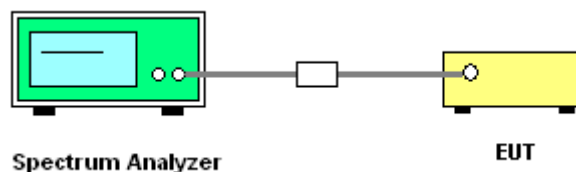
### 3.8.2 Measuring Instruments

See list of measuring instruments of this test report.

### 3.8.3 Test Procedures

1. The transmitter output is connected to the spectrum analyzer.
2. The resolution bandwidth is set to and maintained at 1 MHz. The video bandwidth is set to 3 MHz.
3. Trace A is set peak detector and to Max Hold, then to View. Then the detector is readjusted to sample detector, max hold to run for 60 seconds, and the signal under this measurement condition is captured in Trace B in Accordance with the method 3 of DA-02-2138.
4. 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.

### 3.8.4 Test Setup

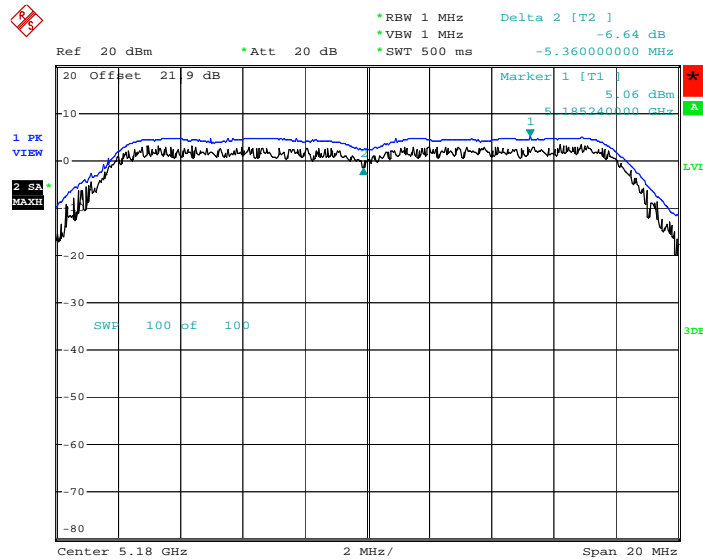




### 3.8.5 Test Result of Peak Excursion Ratio

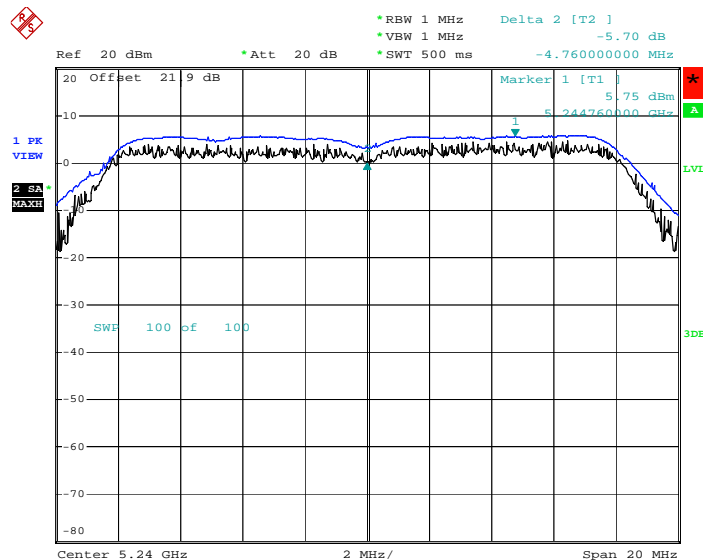
Test Mode :	Mode 1~7 (Chain A)	Temperature :	24~25°C
Test Engineer :	Ken Hsu	Relative Humidity :	39~40%

Mode 1 : Peak Excursion Ratio Plot on 802.11a Channel 36



2nd comment ...  
Date: 3.DEC.2008 00:35:17

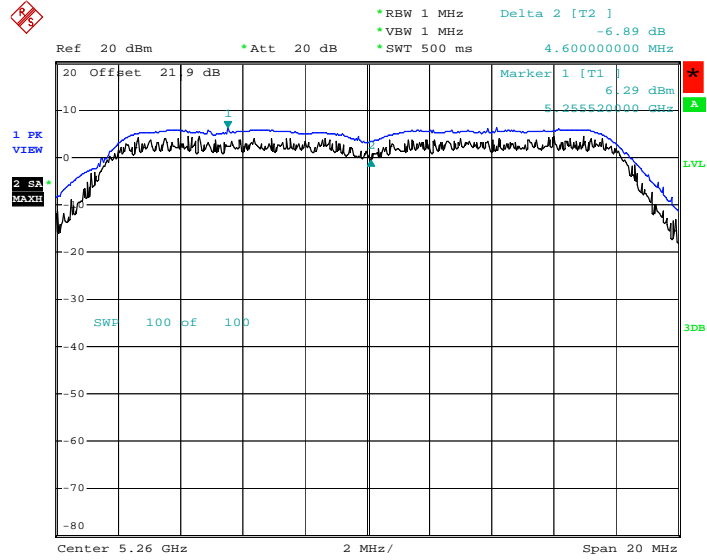
Mode 2 : Peak Excursion Ratio Plot on 802.11a Channel 48



2nd comment ...  
Date: 3.DEC.2008 00:37:42

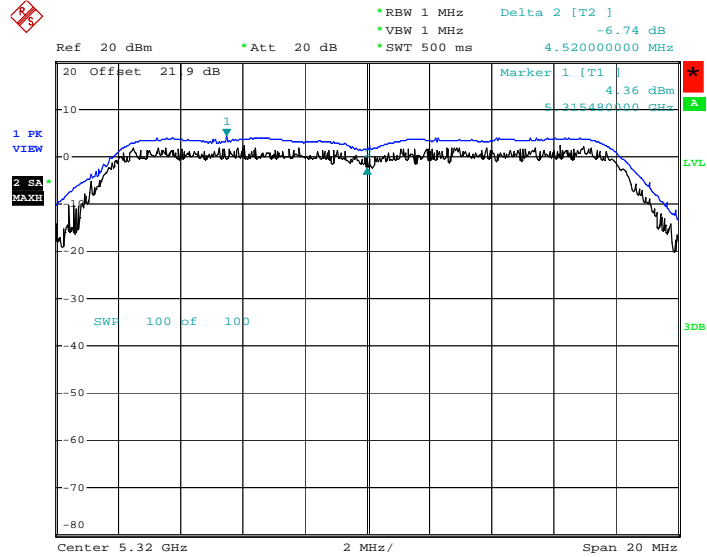


Mode 3 : Peak Excursion Ratio Plot on 802.11a Channel 52



2nd comment ...  
Date: 3.DEC.2008 00:39:38

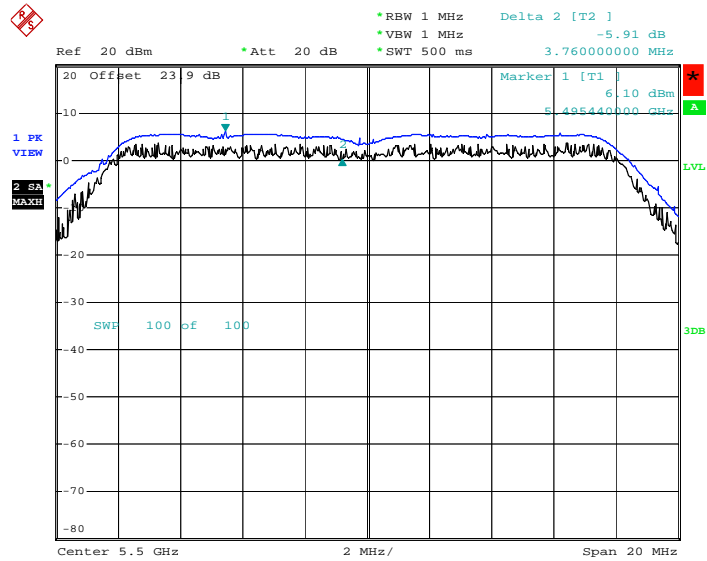
Mode 4 : Peak Excursion Ratio Plot on 802.11a Channel 64



2nd comment ...  
Date: 3.DEC.2008 00:41:50



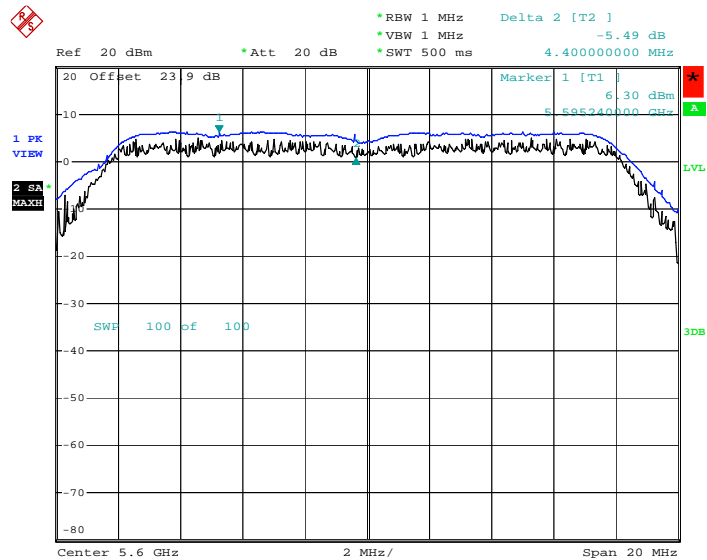
Mode 5 : Peak Excursion Ratio Plot on 802.11a Channel 100



2nd comment ...

Date: 3.DEC.2008 00:44:10

Mode 6 : Peak Excursion Ratio Plot on 802.11a Channel 120

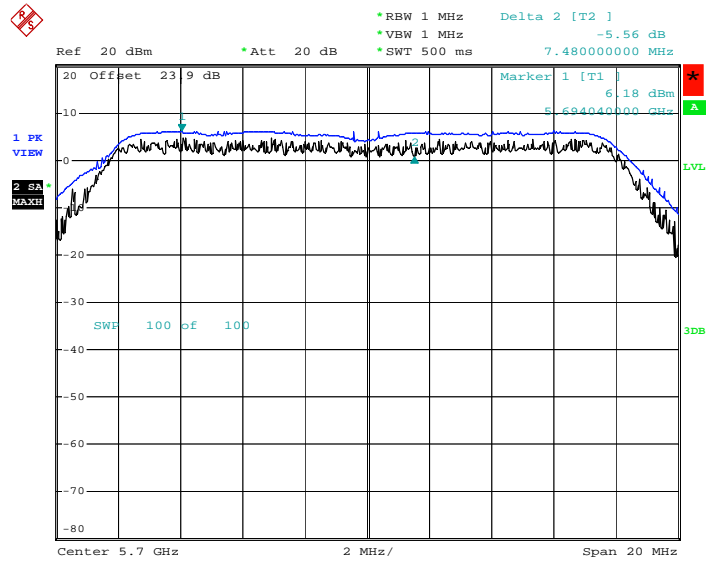


2nd comment ...

Date: 3.DEC.2008 00:46:40



Mode 7 : Peak Excursion Ratio Plot on 802.11a Channel 140



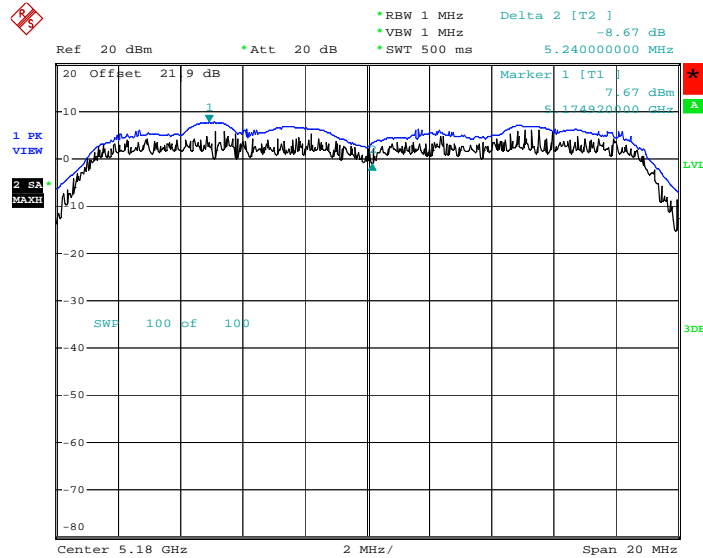
2nd comment ...

Date: 3.DEC.2008 00:48:44



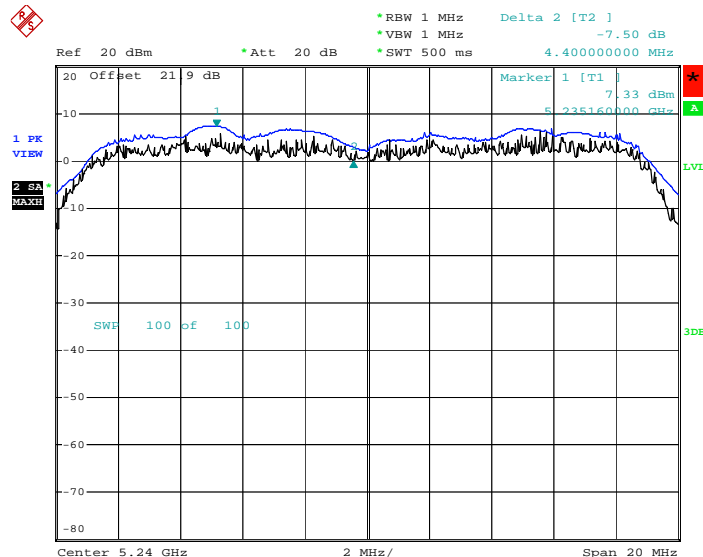
Test Mode :	Mode 8~14 (Chain A+B+C)	Temperature :	24~25°C
Test Engineer :	Ken Hsu	Relative Humidity :	39~40%

Mode 8 : Peak Excursion Ratio Plot on 802.11n(20M) Channel 36



2nd comment ...  
Date: 3.DEC.2008 01:05:32

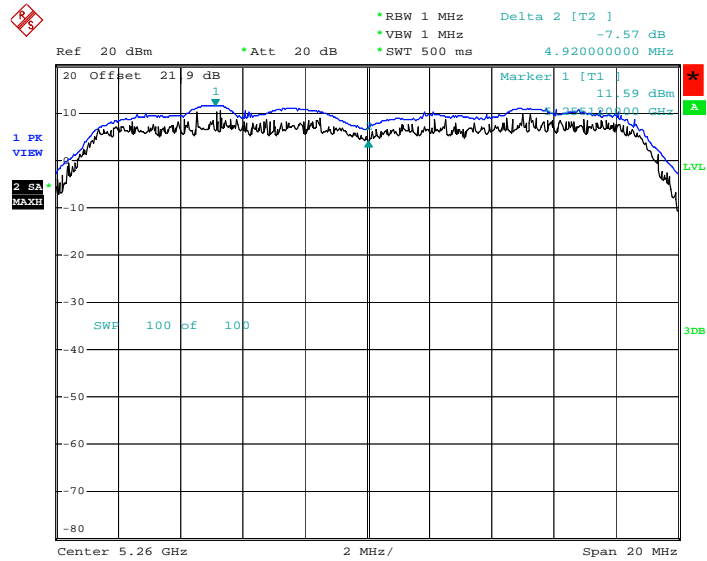
Mode 9 : Peak Excursion Ratio Plot on 802.11n(20M) Channel 48



2nd comment ...  
Date: 3.DEC.2008 01:07:30

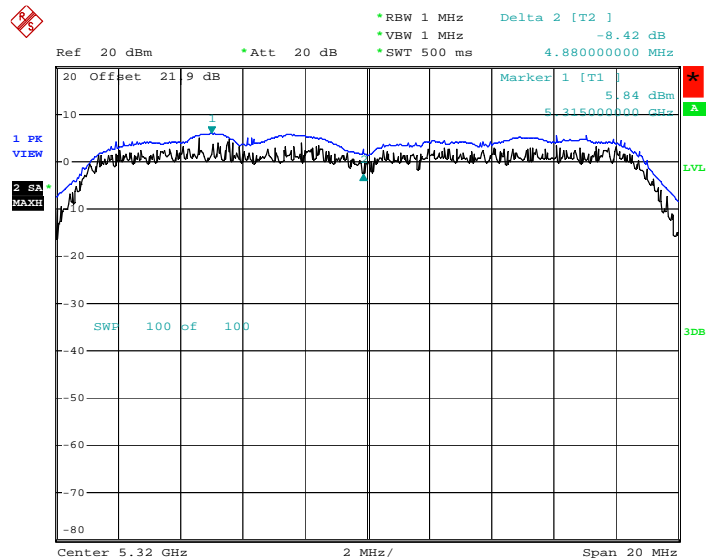


Mode 10 : Peak Excursion Ratio Plot on 802.11n(20M) Channel 52



2nd comment ...  
Date: 3.DEC.2008 01:10:21

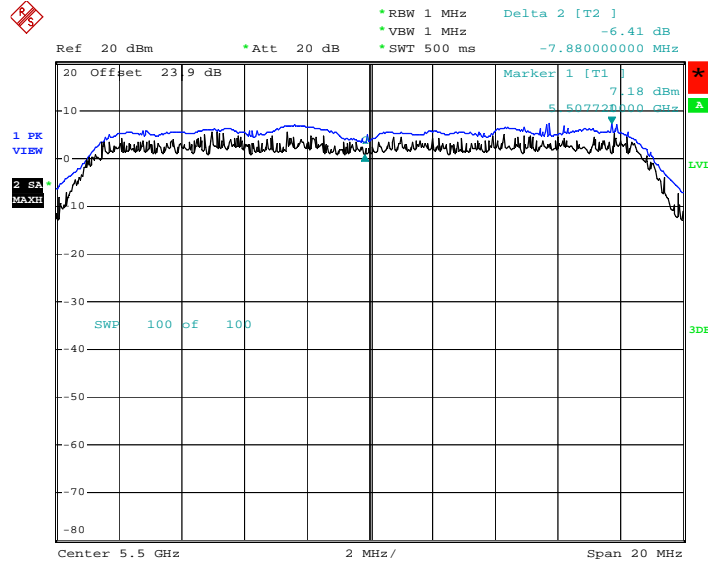
Mode 11 : Peak Excursion Ratio Plot on 802.11n(20M) Channel 64



2nd comment ...  
Date: 3.DEC.2008 01:12:34

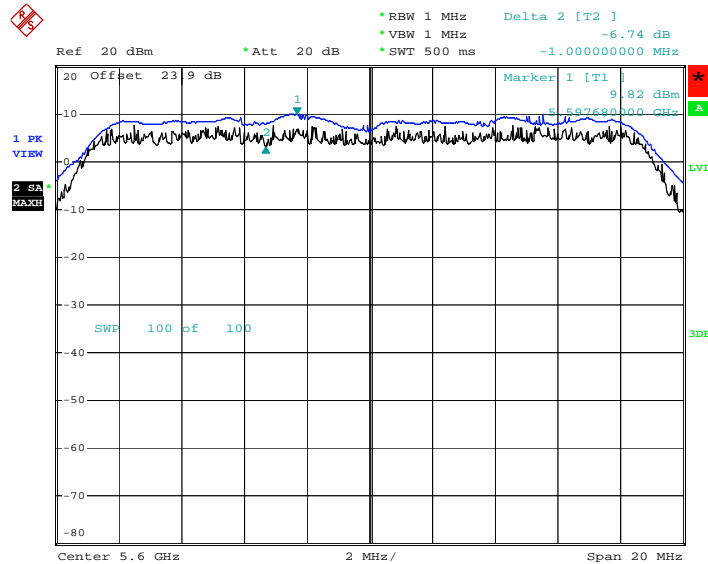


Mode 12 : Peak Excursion Ratio Plot on 802.11n(20M) Channel 100



2nd comment ...  
Date: 3.DEC.2008 00:59:27

Mode 13 : Peak Excursion Ratio Plot on 802.11n(20M) Channel 120

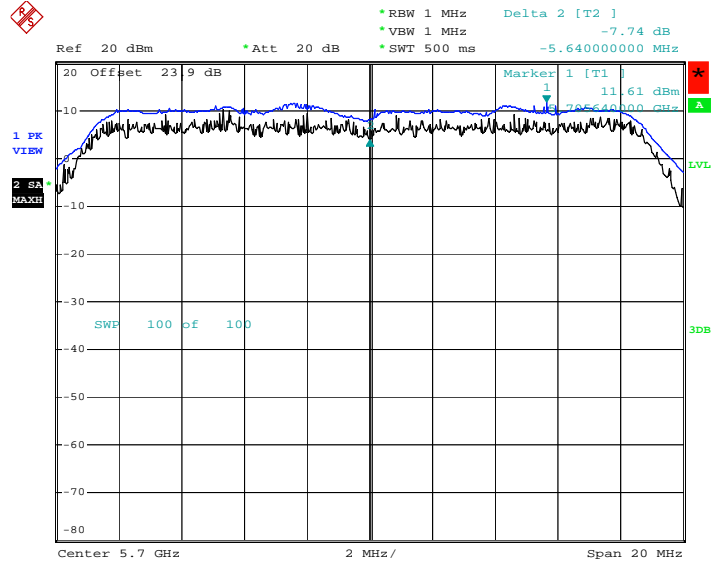


2nd comment ...  
Date: 3.DEC.2008 00:56:37





Mode 14 : Peak Excursion Ratio Plot on 802.11n(20M) Channel 140

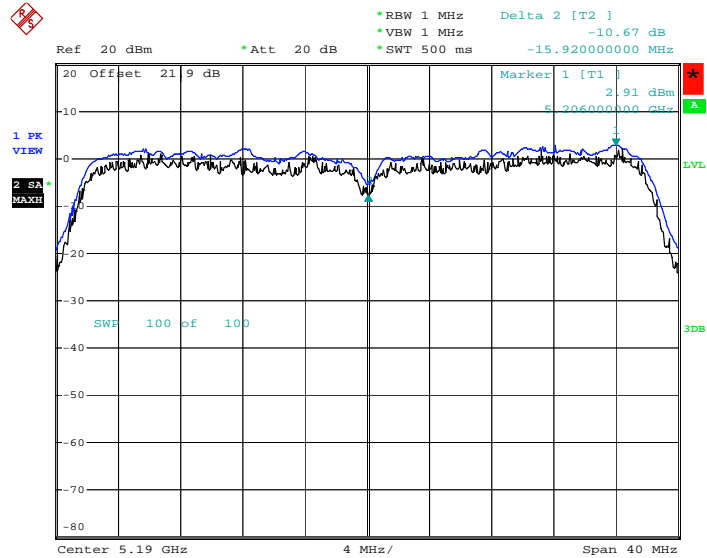


2nd comment ...  
Date: 3.DEC.2008 00:54:30



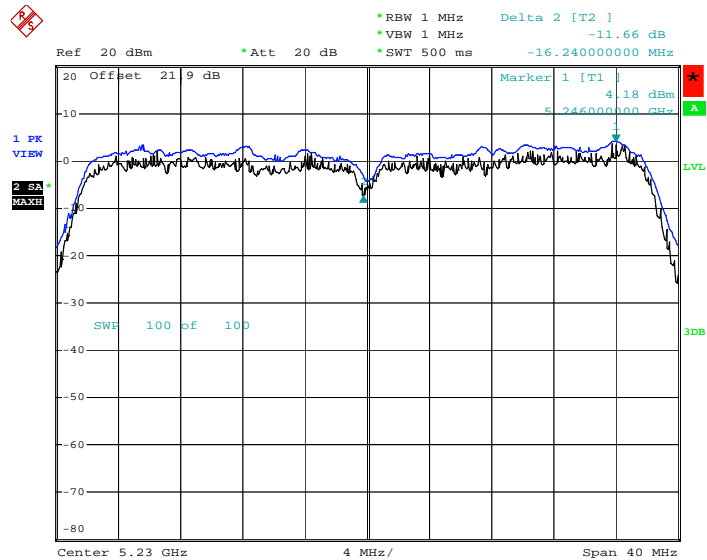
Test Mode :	Mode 15~21 (Chain A+C)	Temperature :	24~25°C
Test Engineer :	Ken Hsu	Relative Humidity :	39~40%

Mode 15 : Peak Excursion Ratio Plot on 802.11n(40M) Channel 38



2nd comment ...  
Date: 3.DEC.2008 01:19:08

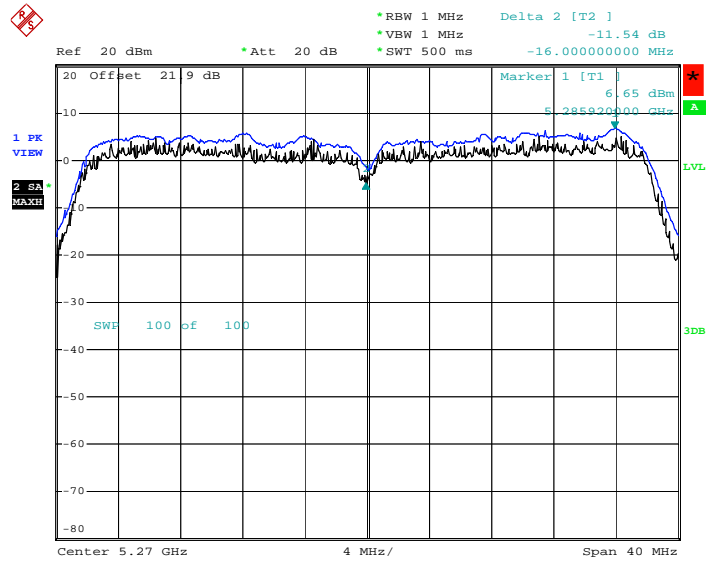
Mode 16 : Peak Excursion Ratio Plot on 802.11n(40M) Channel 46



2nd comment ...  
Date: 3.DEC.2008 01:21:58

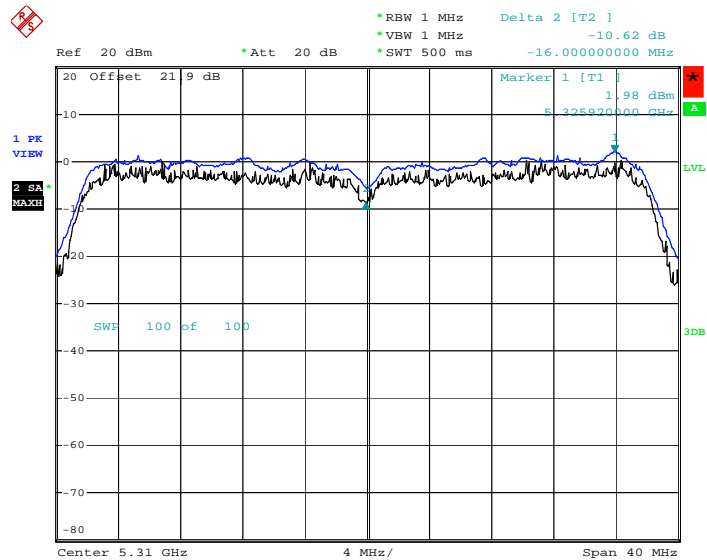


Mode 17 : Peak Excursion Ratio Plot on 802.11n(40M) Channel 54



2nd comment ...  
Date: 3.DEC.2008 01:24:12

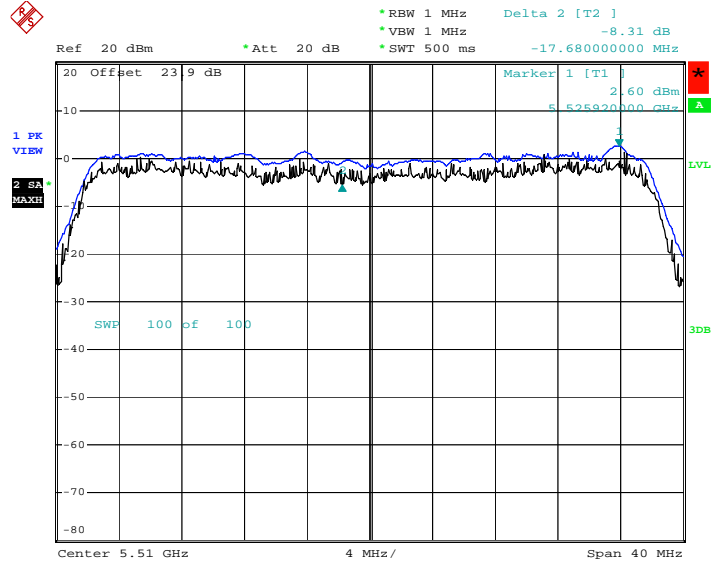
Mode 18 : Peak Excursion Ratio Plot on 802.11n(40M) Channel 62



2nd comment ...  
Date: 3.DEC.2008 01:26:49

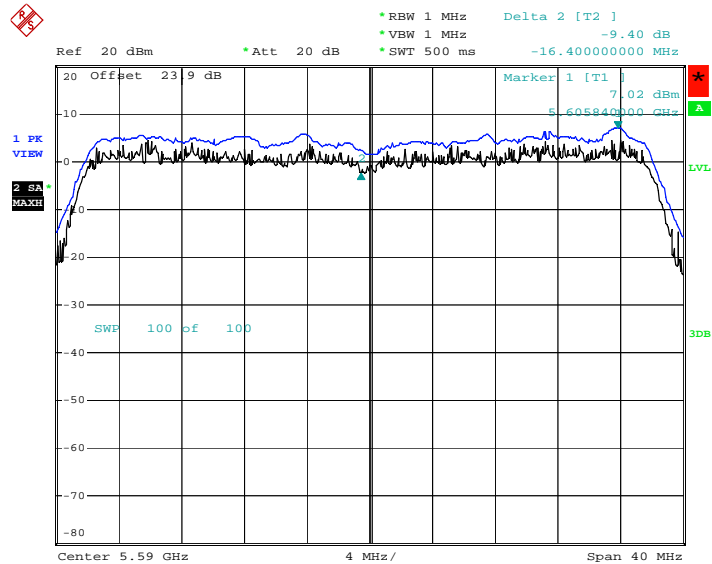


Mode 19 : Peak Excursion Ratio Plot on 802.11n(40M) Channel 102



2nd comment ...  
Date: 3.DEC.2008 01:29:09

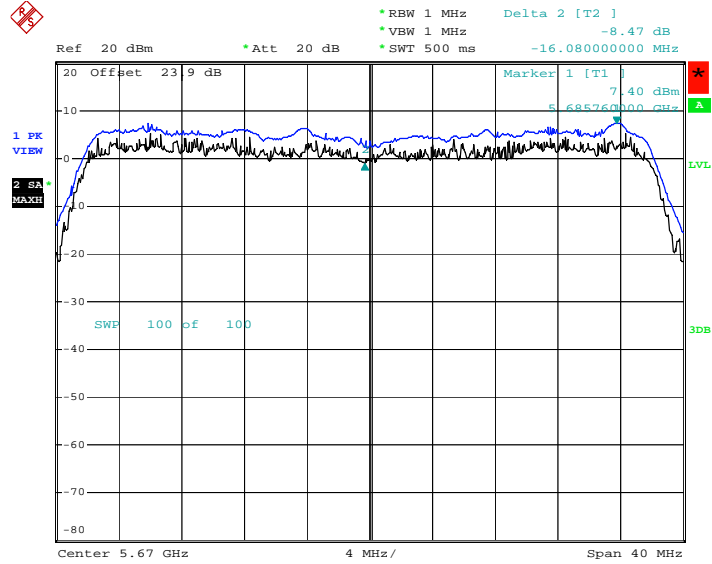
Mode 20 : Peak Excursion Ratio Plot on 802.11n(40M) Channel 118



2nd comment ...  
Date: 3.DEC.2008 01:31:12



Mode 21 : Peak Excursion Ratio Plot on 802.11n(40M) Channel 134



2nd comment ...  
Date: 3.DEC.2008 01:33:21



## **3.9 Automatically Discontinue Transmission**

### **3.9.1 Limit of Automatically Discontinue Transmission**

The device shall automatically discontinue transmission in case of either absence of information to transmit or operational failure. These provisions are not intended to preclude the transmission of control or signaling information or the use of repetitive codes used by certain digital technologies to complete frame or burst intervals. Applicants shall include in their application for equipment authorization to describe how this requirement is met.

### **3.9.2 Measuring Instruments**

See list of measuring instruments of this test report.

### **3.9.3 Test Result of 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.

## 3.10 Frequency Stability Measurement

### 3.10.1 Limit of Frequency Stability

Manufacturers of U-NII devices are responsible for ensuring frequency stability such that an emission is maintained within the band of operation under all conditions of normal operation as specified in the user's manual.

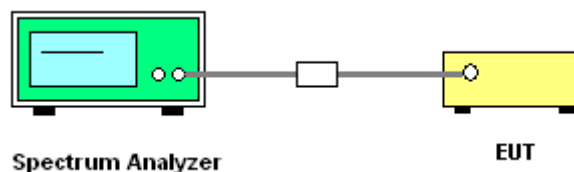
### 3.10.2 Measuring Instruments

See list of measuring instruments of this test report.

### 3.10.3 Test Procedures

1. 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.
2. 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.
3. 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.

### 3.10.4 Test Setup





3.10.5 Test Result of Frequency Stability

Test Mode :	Mode 1~7 (Chain A)	Temperature :	24~25°C
Test Engineer :	Ken Hsu	Relative Humidity :	39~40%

Channel	Frequency (MHz)	Low Frequency (Fl)	High Frequency (Fh)	Frequency Stability (ppm)
36	5180	5171.68	5188.28	-3.86
48	5240	5231.68	5248.28	-3.82
52	5260	5251.68	5268.28	-3.80
64	5320	5311.68	5328.28	-3.76
100	5500	5491.64	5508.28	-7.27
120	5600	5591.68	5608.28	-3.57
140	5700	5691.64	5708.28	-7.02

Test Mode :	Mode 8~14 (Chain A+B+C)	Temperature :	24~25°C
Test Engineer :	Ken Hsu	Relative Humidity :	39~40%

Channel	Frequency (MHz)	Low Frequency (Fl)	High Frequency (Fh)	Frequency Stability (ppm)
36	5180	5171.12	5188.88	0.00
48	5240	5231.12	5248.88	0.00
52	5260	5251.08	5268.88	-3.80
64	5320	5311.08	5328.88	-3.76
100	5500	5491.08	5508.88	-3.64
120	5600	5591.08	5608.92	0.00
140	5700	5691.08	5708.88	-3.51

Test Mode :	Mode 15~21 (Chain A+C)	Temperature :	24~25°C
Test Engineer :	Ken Hsu	Relative Humidity :	39~40%

Channel	Frequency (MHz)	Low Frequency (Fl)	High Frequency (Fh)	Frequency Stability (ppm)
38	5190	5172.08	5208.16	23.12
46	5230	5212.08	5248.16	22.94
54	5270	5252.08	5287.92	0.00
62	5310	5292.08	5328.16	22.60
102	5510	5491.76	5527.92	-29.04
118	5590	5571.84	5607.92	-21.47
134	5670	5651.76	5688.16	-7.05





## **3.11 Antenna Requirements**

### **3.11.1 Standard Applicable**

According to FCC 47 CFR Section 15.407(a)(1)(2) ,if transmitting antenna directional gain is greater than 6 dBi, 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.

### **3.11.2 Antenna Connected Construction**

The antennas type used in this product is PIFA Antenna without connector and it is considered to meet antenna requirement of FCC.

### **3.11.3 Antenna Gain**

The antenna gain is less than 6 dBi. Therefore, it is not necessary to reduce maximum peak output power limit.

## 4 List of Measuring Equipments

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Due Date	Remark
Spectrum Analyzer	R&S	FSP40	100055	9KHz~40GHz	Jun. 26, 2008	Jun. 25, 2009	Conducted (TH02-HY)
Power Meter	Agilent	E4416A	GB41292344	N/A	Feb. 21, 2008	Feb. 20, 2009	Conducted (TH02-HY)
Power Sensor	Agilent	E9327A	US40441548	N/A	Feb. 21, 2008	Feb. 20, 2009	Conducted (TH02-HY)
EMI Receiver	R&S	ESCS 30	100356	9kH~2.75GHz	Aug. 01, 2008	Jul. 31, 2009	Conduction (CO05-HY)
Two-LISN	R&S	ENV216	11-100081	9kH~30MHz	Nov. 26, 2008	Nov. 25, 2009	Conduction (CO05-HY)
Two-LISN	R&S	ENV216	11-100080	9kHz~30MHz	Nov. 26, 2008	Nov. 25, 2009	Conduction (CO05-HY)
AC Power Source	APC	APC-1000W	N/A	N/A	N/A	N/A	Conduction (CO05-HY)
Spectrum Analyzer	Agilent	E4408B	MY44211030	9kHz~26.5GHz	Oct. 24, 2008	Oct. 23, 2009	Radiation (03CH06-HY)
Spectrum Analyzer	R&S	FSP40	100057	9kHz~40GHz	Oct. 16, 2008	Oct. 15, 2009	Radiation (03CH06-HY)
EMI Test Receiver	R&S	ESVS10	834468/003	20MHz~1000M Hz	Apr. 24, 2008	Apr. 23, 2009	Radiation (03CH06-HY)
Bilog Antenna	SCHAFFNER	CBL6112B	2885	30MHz~2GHz	Nov. 12, 2008	Nov. 11, 2009	Radiation (03CH06-HY)
Double Ridge Horn Antenna	EMCO	3117	00066583	1G~18GHz	Aug. 18, 2008	Aug. 17, 2009	Radiation (03CH06-HY)
Double Ridge Horn Antenna	Training Research	AF-0801	95119	8G~18G	Oct. 28, 2008	Oct. 27, 2009	Radiation (03CH06-HY)
SHF-EHF Horn	SCHWARZBECK	BBHA 9170	9170-251	14G~40GHz	Oct. 16, 2008	Oct. 15, 2009	Radiation (03CH06-HY)
Pre Amplifier	Agilent	8449B	3008A01917	1G~26.5GHz	Nov. 11, 2008	Nov. 10, 2009	Radiation (03CH06-HY)
Pre Amplifier	Agilent	310N	186713	9kHz~1GHz	Apr. 21, 2008	Apr. 20, 2009	Radiation (03CH06-HY)

## 5 Uncertainty of Evaluation

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

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
<b>Combined standard uncertainty Uc(y)</b>	<b>1.13</b>		
<b>Measuring uncertainty for a level of confidence of 95% U=2Uc(y)</b>	<b>2.26</b>		

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


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
<b>Combined standard uncertainty Uc(y)</b>	<b>1.27</b>		
<b>Measuring uncertainty for a level of confidence of 95% U=2Uc(y)</b>	<b>2.54</b>		



**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 = $20 \log(1 - \Gamma_1 * \Gamma_2)$	+0.34/-0.35	U-shaped	0.244	1	0.244
<b>Combined standard uncertainty Uc(y)</b>	<b>2.36</b>				
<b>Measuring uncertainty for a level of confidence of 95% U=2Uc(y)</b>	<b>4.72</b>				

## 6 Certification of TAF Accreditation



Certificate No. : L1190-070110

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

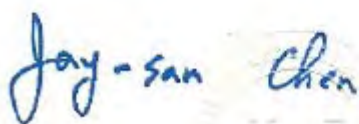
### Certificate of Accreditation

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 Program	: for Commodities Inspection Accreditation Program for Telecommunication Equipment Testing Laboratory



Jay-San Chen  
President, Taiwan Accreditation Foundation  
Date : January 10, 2007

PI, total 9 pages

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



## **Appendix A. Photographs of EUT**

Please refer to Sporton report number EP8N2104 as below.