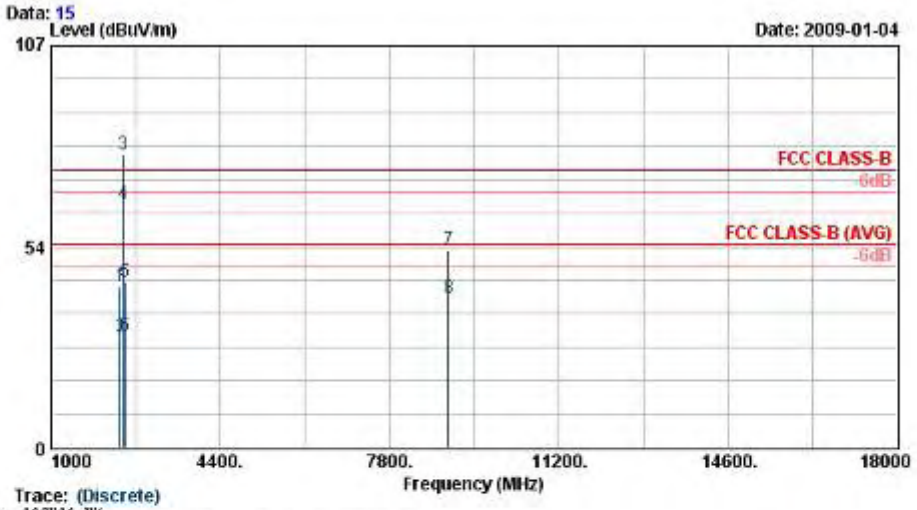
3.6.8

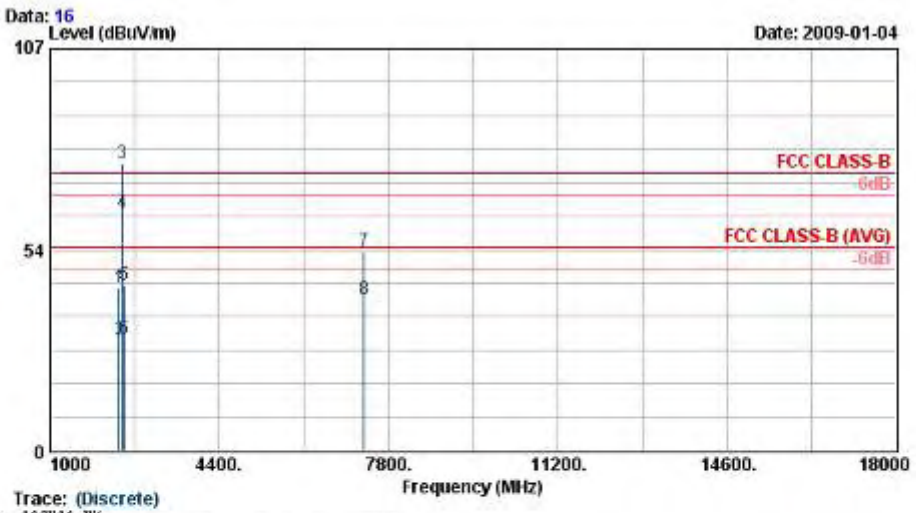
Test Mode :	Mode 21	Temperature :	23~26°C
Test Channel :	09	Relative Humidity :	42~49%
Test Engineer :	Mac Lin, Andrew Hsiao and Sun Wang	Polarization :	Horizontal
Remark :	#3 and #4 are Fundamental Signals		



Site : 03CH06-HV
Condition : FCC CLASS-B 3m RF-ANT(8-18G)_081031 HORIZONTAL
Model : FR 8N2104
Mode : 11n (40M) , Ant A+C , Tx_CH09

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	2380.00	42.88	-31.12	74.00	43.28	31.96	3.92	36.28	100	0	Peak
2	2380.00	29.40	-24.60	54.00	29.80	31.96	3.92	36.28	106	360	Average
3 X	2452.00	77.86			78.14	32.02	3.99	36.29	100	0	Peak
4 @	2452.00	64.93			65.20	32.04	3.99	36.29	106	360	Average
5	2496.01	44.32	-29.68	74.00	44.47	32.10	4.05	36.30	100	0	Peak
6	2496.01	29.99	-24.01	54.00	30.14	32.10	4.05	36.30	106	360	Average
7	8982.00	52.45	-21.55	74.00	45.36	36.18	7.80	36.89	100	0	Peak
8	8982.00	39.89	-14.11	54.00	32.80	36.18	7.80	36.89	100	152	Average

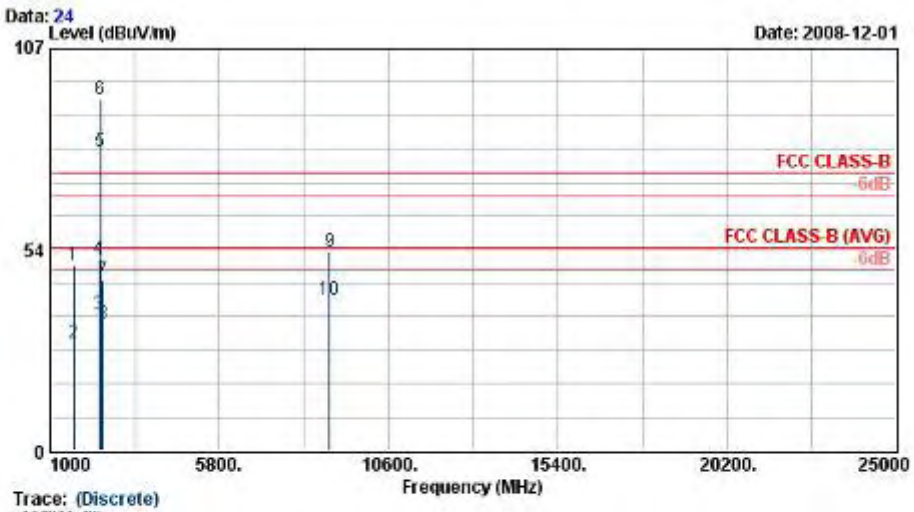
Test Mode :	Mode 21	**Temperature :**	23~26°C
Test Channel :	09	**Relative Humidity :**	42~49%
Test Engineer :	Mac Lin, Andrew Hsiao and Sun Wang	**Polarization :**	Vertical
Remark :	#3 and #4 are Fundamental Signals		



Site : 03CH09-HV
Condition : FCC CLASS-B 3m VF-ANT(8-18G)_081031 VERTICAL
Model : FR 8N2104
Mode : 11n (40M) , Ant A+C , Tx_CH09

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	2388.00	43.30	-30.70	74.00	43.68	31.98	3.92	36.28	100	0	Peak
2	2388.00	29.30	-24.70	54.00	29.68	31.98	3.92	36.28	100	338	Average
3 X	2452.00	76.30			76.58	32.02	3.99	36.29	100	0	Peak
4 @	2452.00	63.41			63.68	32.04	3.99	36.29	100	338	Average
5	2493.73	44.04	-29.96	74.00	44.19	32.10	4.05	36.30	100	0	Peak
6	2493.73	29.89	-24.11	54.00	30.04	32.10	4.05	36.30	100	338	Average
7	7302.00	52.86	-21.14	74.00	46.60	35.58	7.20	36.52	100	0	Peak
8	7302.00	40.36	-13.64	54.00	34.10	35.58	7.20	36.52	100	331	Average

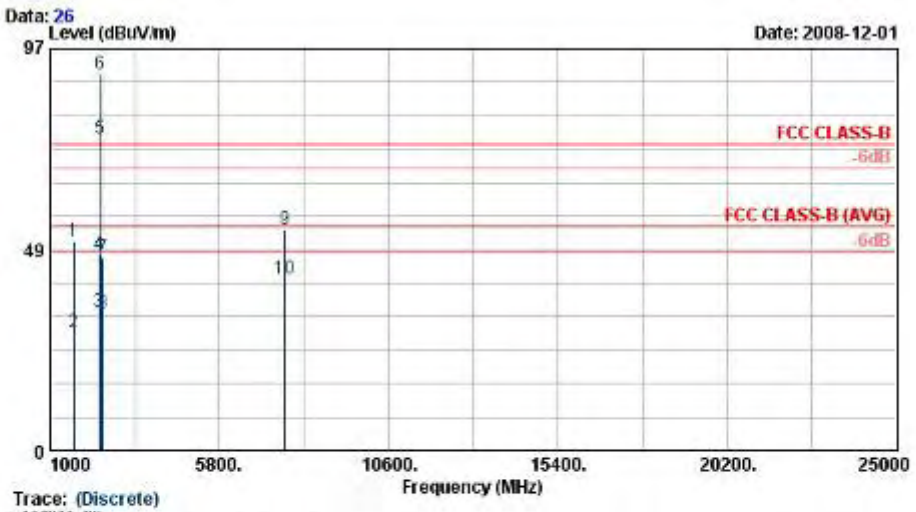
Test Mode :	Mode 22	Temperature :	23~26°C
Test Channel :	03	Relative Humidity :	42~49%
Test Engineer :	Mac Lin, Andrew Hsiao and Sun Wang	Polarization :	Horizontal
Remark :	#5 and #6 are Fundamental Signals		



Site : 03CH06-HY
Condition : FCC CLASS-B 3m SHF-EHF HORN HORIZONTAL
Model : FR 8N2104

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	1668.00	49.46	-24.54	74.00	53.68	29.17	3.01	36.41	---	---	Peak
2	1668.00	28.50	-25.50	54.00	32.73	29.17	3.01	36.41	200	44	Average
3	2385.62	36.29	-17.71	54.00	36.67	31.98	3.92	36.28	100	299	Average
4	2385.62	51.04	-22.96	74.00	51.42	31.98	3.92	36.28	100	0	Peak
5 @	2422.00	79.68			80.00	32.02	3.95	36.29	100	299	Average
6 @	2422.00	93.39			93.72	32.00	3.95	36.28	100	0	Peak
7	2494.00	45.46	-28.54	74.00	45.61	32.10	4.05	36.30	100	0	Peak
8	2494.00	33.74	-20.26	54.00	33.89	32.10	4.05	36.30	100	299	Average
9	8916.00	52.90	-21.10	74.00	45.93	36.12	7.71	36.86	100	0	Peak
10	8916.00	40.22	-13.78	54.00	33.25	36.12	7.71	36.86	100	222	Average

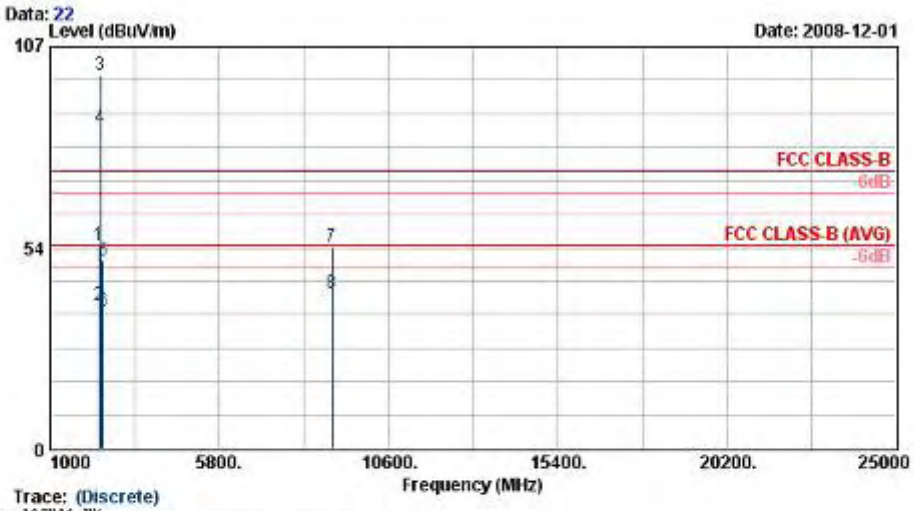
Test Mode :	Mode 22	**Temperature :**	23~26°C
Test Channel :	03	**Relative Humidity :**	42~49%
Test Engineer :	Mac Lin, Andrew Hsiao and Sun Wang	**Polarization :**	Vertical
Remark :	#5 and #6 are Fundamental Signals		



Site : 03CH06-HY
Condition : FCC CLASS-B 3m SHF-EHF HORN VERTICAL
Model : FR 8N2104

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	1668.00	50.40	-23.60	74.00	54.63	29.17	3.01	36.41	---	---	Peak
2	1668.00	28.56	-25.44	54.00	32.79	29.17	3.01	36.41	100	145	Average
3	2389.99	33.59	-20.41	54.00	33.97	31.98	3.92	36.28	100	328	Average
4	2389.99	47.16	-26.84	74.00	47.54	31.98	3.92	36.28	100	0	Peak
5 @	2422.00	75.44			75.76	32.02	3.95	36.29	100	328	Average
6 @	2422.00	90.89			91.22	32.00	3.95	36.28	100	0	Peak
7	2500.00	46.59	-27.41	74.00	46.74	32.10	4.05	36.30	100	0	Peak
8	2500.00	33.22	-20.78	54.00	33.37	32.10	4.05	36.30	100	328	Average
9	7647.00	53.44	-20.56	74.00	47.17	35.56	7.34	36.63	100	0	Peak
10 @	7647.00	41.32	-12.68	54.00	35.05	35.56	7.34	36.63	100	285	Average

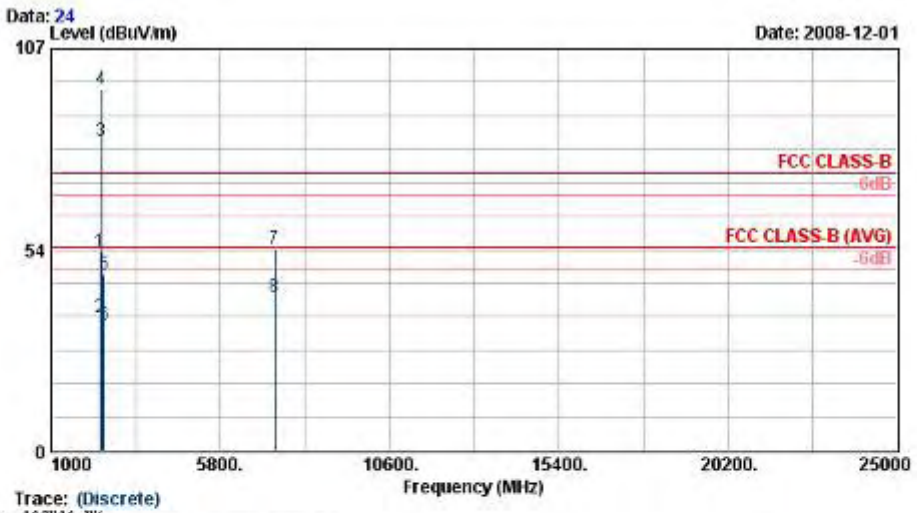
Test Mode :	Mode 23	**Temperature :**	23~26°C
Test Channel :	06	**Relative Humidity :**	42~49%
Test Engineer :	Mac Lin, Andrew Hsiao and Sun Wang	**Polarization :**	Horizontal
Remark :	#3 and #4 are Fundamental Signals		



Site : 03CH06-HY
Condition : FCC CLASS-B 3m SHF-EHF HORN HORIZONTAL
Model : FR 8N2104

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	2390.00	54.12	-19.88	74.00	54.51	31.98	3.92	36.28	100	0	Peak
2	2390.00	38.20	-15.80	54.00	38.58	31.98	3.92	36.28	100	299	Average
3 @	2437.00	99.52			99.84	32.02	3.95	36.29	100	0	Peak
4 @	2437.00	85.60			85.86	32.04	3.99	36.29	100	299	Average
5	2484.00	50.21	-23.79	74.00	50.38	32.08	4.05	36.30	100	0	Peak
6	2484.00	36.76	-17.24	54.00	36.93	32.08	4.05	36.30	100	299	Average
7	8991.00	53.78	-20.22	74.00	46.69	36.18	7.80	36.89	100	0	Peak
8	8991.00	41.33	-12.67	54.00	34.24	36.18	7.80	36.89	100	245	Average

Test Mode :	Mode 23	Temperature :	23~26°C
Test Channel :	06	Relative Humidity :	42~49%
Test Engineer :	Mac Lin, Andrew Hsiao and Sun Wang	Polarization :	Vertical
Remark :	#3 and #4 are Fundamental Signals		

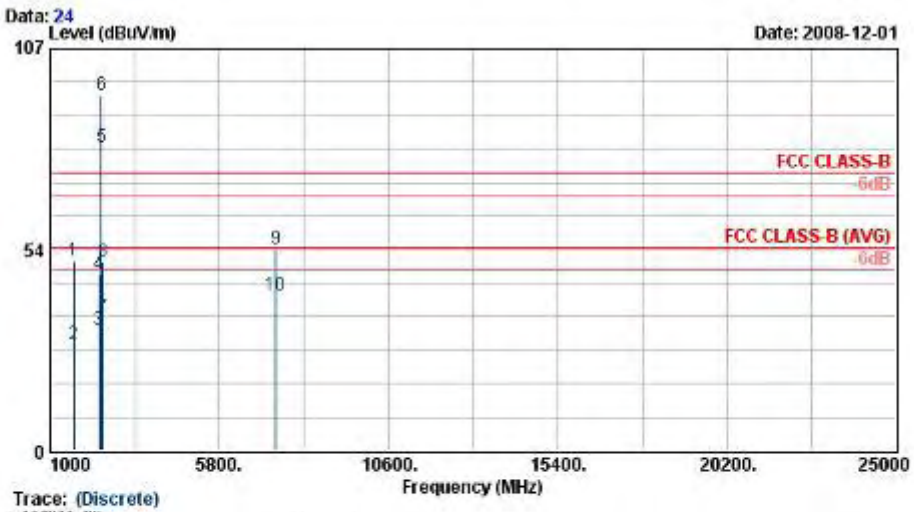


Site : 03CH06-HY
Condition : FCC CLASS-B 3m SHF-EHF HORN VERTICAL
Model : FR 8N2104

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	2390.00	52.96	-21.04	74.00	53.35	31.98	3.92	36.28	100	0	Peak
2	2390.00	35.33	-18.67	54.00	35.71	31.98	3.92	36.28	169	289	Average
3 @	2437.00	82.45			82.71	32.04	3.99	36.29	169	289	Average
4 @	2437.00	96.25			96.52	32.04	3.99	36.29	100	0	Peak
5	2484.00	47.05	-26.95	74.00	47.21	32.08	4.05	36.30	100	0	Peak
6	2484.00	33.49	-20.51	54.00	33.66	32.08	4.05	36.30	169	289	Average
7	7341.00	53.80	-20.20	74.00	47.57	35.56	7.21	36.54	100	0	Peak
8	7341.00	41.01	-12.99	54.00	34.78	35.56	7.21	36.54	100	302	Average

3.6.9

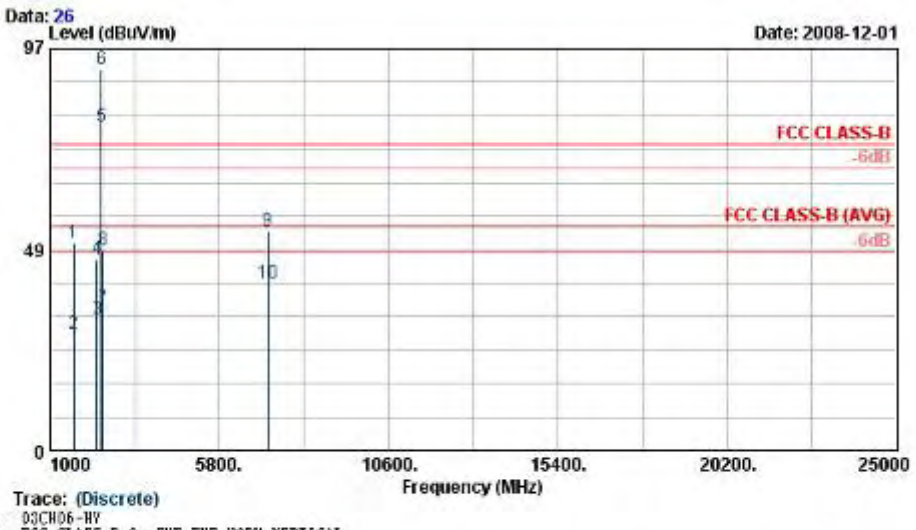
Test Mode :	Mode 24	**Temperature :**	23~26°C
Test Channel :	09	**Relative Humidity :**	42~49%
Test Engineer :	Mac Lin, Andrew Hsiao and Sun Wang	**Polarization :**	Horizontal
Remark :	#5 and #6 are Fundamental Signals		



Site : 03CH06-HV
Condition : FCC CLASS-B 3m SHF-EHF HORN HORIZONTAL
Model : FR 8N2104

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	1662.00	50.32	-23.68	74.00	54.54	29.17	3.01	36.41	100	0	Peak
2	1662.00	28.24	-25.76	54.00	32.47	29.17	3.01	36.41	100	44	Average
3	2382.00	32.32	-21.68	54.00	32.72	31.96	3.92	36.28	100	309	Average
4	2382.00	46.84	-27.16	74.00	47.24	31.96	3.92	36.28	100	0	Peak
5 @	2452.00	80.61			80.88	32.04	3.99	36.29	100	309	Average
6 X	2452.00	94.67			94.93	32.04	3.99	36.29	100	0	Peak
7	2483.85	35.52	-18.48	54.00	35.69	32.08	4.05	36.30	100	309	Average
8	2483.85	50.27	-23.73	74.00	50.44	32.08	4.05	36.30	100	0	Peak
9	7401.00	53.77	-20.23	74.00	47.56	35.53	7.24	36.56	100	0	Peak
10	7401.00	41.22	-12.78	54.00	35.01	35.53	7.24	36.56	100	224	Average

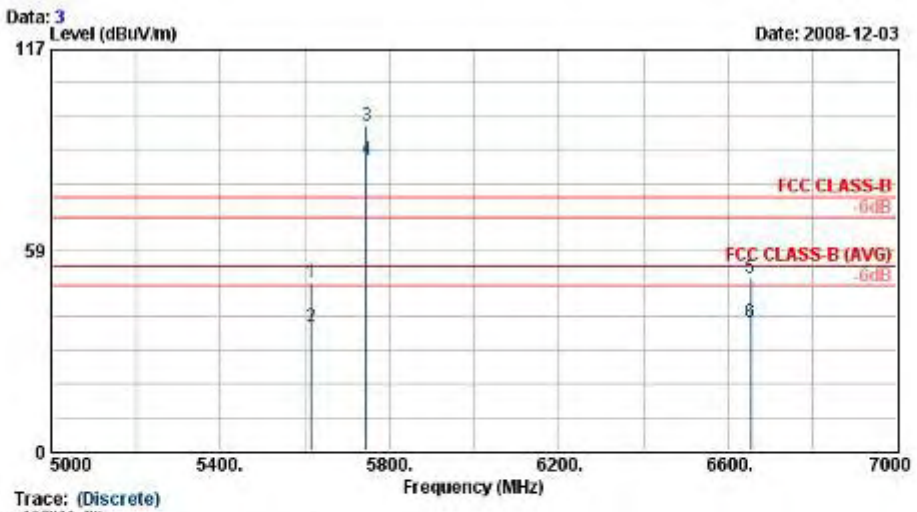
Test Mode :	Mode 24	**Temperature :**	23~26°C
Test Channel :	09	**Relative Humidity :**	42~49%
Test Engineer :	Mac Lin, Andrew Hsiao and Sun Wang	**Polarization :**	Vertical
Remark :	#5 and #6 are Fundamental Signals		



Site : 03CH06-HY
Condition : FCC CLASS-B 3m SHF-EHF HORN VERTICAL
Model : FR 8N2104

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	1662.00	49.99	-24.01	74.00	54.21	29.17	3.01	36.41	100	0	Peak
2	1662.00	27.96	-26.04	54.00	32.19	29.17	3.01	36.41	100	252	Average
3	2332.00	31.69	-22.31	54.00	32.21	31.89	3.86	36.27	100	283	Average
4	2332.00	46.21	-27.79	74.00	46.73	31.89	3.86	36.27	100	0	Peak
5 @	2452.00	78.27			78.54	32.04	3.99	36.29	100	283	Average
6 X	2452.00	91.90			92.16	32.04	3.99	36.29	100	0	Peak
7	2484.61	34.43	-19.57	54.00	34.60	32.08	4.05	36.30	100	283	Average
8	2484.61	48.33	-25.67	74.00	48.50	32.08	4.05	36.30	100	0	Peak
9	7176.00	52.98	-21.02	74.00	46.67	35.63	7.15	36.47	100	0	Peak
10	7176.00	40.21	-13.79	54.00	33.90	35.63	7.15	36.47	100	305	Average

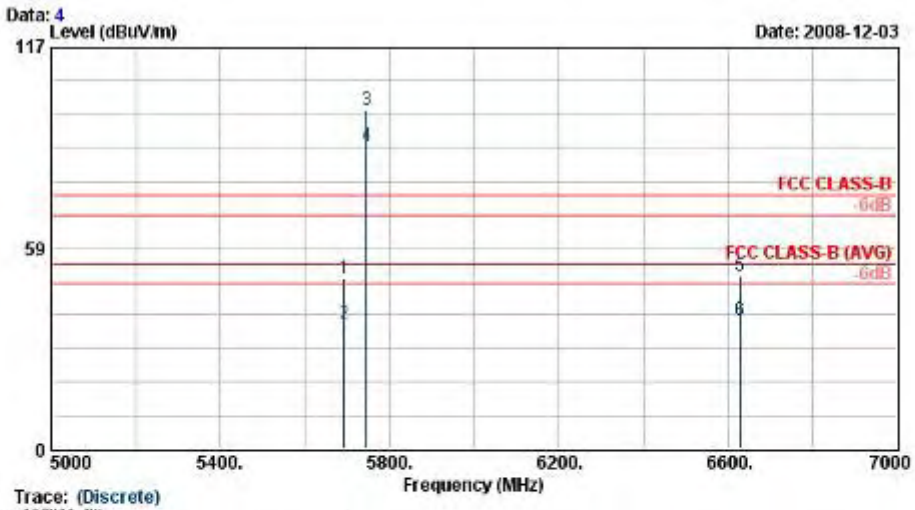
Test Mode :	Mode 25	**Temperature :**	23~26°C
Test Channel :	149	**Relative Humidity :**	42~49%
Test Engineer :	Mac Lin, Andrew Hsiao and Sun Wang	**Polarization :**	Horizontal
Remark :	#3 and #4 are Fundamental Signals		



Site : 03CH06-HV
Condition : FCC CLASS-B 3m HF-ANT_080821 HORIZONTAL
Model : FR 6N2104

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	5614.00	49.28	-24.72	74.00	44.38	34.74	6.28	36.13	100	0	Peak
2	5614.00	36.06	-17.94	54.00	31.16	34.74	6.28	36.13	102	10	Average
3 X	5745.00	94.96			89.80	34.91	6.40	36.15	100	0	Peak
4 X	5745.00	84.92			79.71	34.94	6.42	36.15	102	10	Average
5	6654.00	50.60	-23.40	74.00	44.45	35.56	6.92	36.33	100	0	Peak
6	6654.00	37.35	-16.65	54.00	31.20	35.56	6.92	36.33	102	10	Average

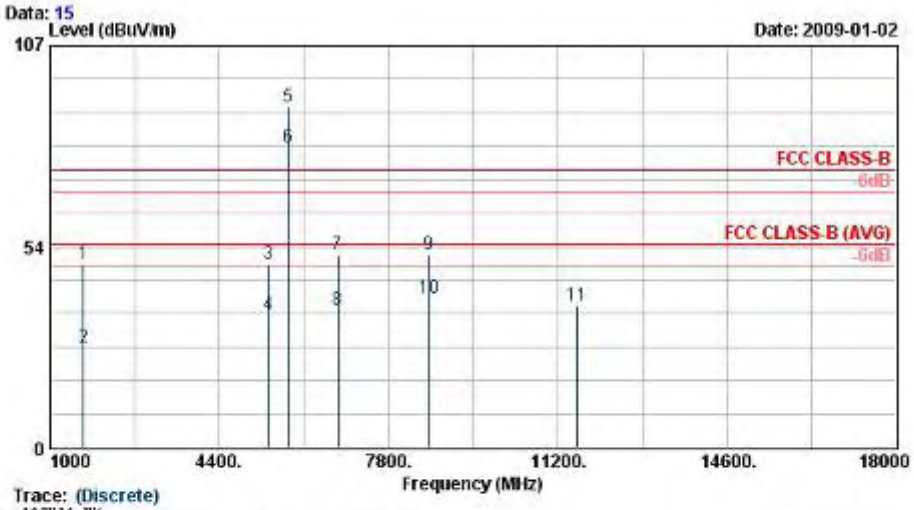
Test Mode :	Mode 25	**Temperature :**	23~26°C
Test Channel :	149	**Relative Humidity :**	42~49%
Test Engineer :	Mac Lin, Andrew Hsiao and Sun Wang	**Polarization :**	Vertical
Remark :	#3 and #4 are Fundamental Signals		



Site : 03CH06-HV
Condition : FCC CLASS-B 3m HF-ANT_080821 VERTICAL
Model : FR 6N2104

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	5692.00	49.72	-24.28	74.00	44.62	34.87	6.37	36.14	100	0	Peak
2	5692.00	36.66	-17.34	54.00	31.56	34.87	6.37	36.14	100	127	Average
3 X	5745.00	98.57			93.36	34.94	6.42	36.15	100	0	Peak
4 @	5745.00	88.16			82.95	34.94	6.42	36.15	100	127	Average
5	6628.00	50.63	-23.37	74.00	44.51	35.55	6.90	36.33	100	0	Peak
6	6628.00	37.25	-16.75	54.00	31.13	35.55	6.90	36.33	100	127	Average

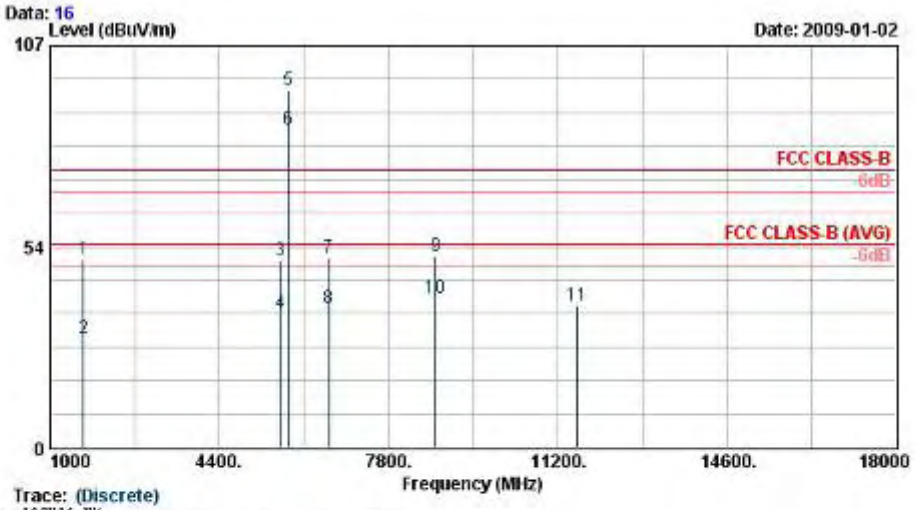
Test Mode :	Mode 26	Temperature :	23~26°C
Test Channel :	157	Relative Humidity :	42~49%
Test Engineer :	Mac Lin, Andrew Hsiao and Sun Wang	Polarization :	Horizontal
Remark :	#5 and #6 are Fundamental Signals		



Site : 03CH06-HY
Condition : FCC CLASS-B 3m HF-ANT(8-18G)_081031 HORIZONTAL
Model : FR 8N2104
Mode : 11a TX_Ch157

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	1668.00	48.90	-25.10	74.00	53.13	29.17	3.01	36.41	100	0	Peak
2	1668.00	26.49	-27.51	54.00	30.72	29.17	3.01	36.41	184	45	Average
3	5388.00	49.09	-24.91	74.00	44.49	34.58	6.12	36.10	100	0	Peak
4	5388.00	35.30	-18.70	54.00	30.70	34.58	6.12	36.10	103	299	Average
5 X	5785.00	90.78			85.51	34.99	6.44	36.16	100	0	Peak
6 X	5785.00	79.98			74.71	34.99	6.44	36.16	103	299	Average
7	6780.00	51.37	-22.63	74.00	45.13	35.61	6.98	36.36	100	0	Peak
8	6780.00	36.70	-17.30	54.00	30.46	35.61	6.98	36.36	103	299	Average
9	8612.00	51.24	-22.76	74.00	44.85	35.82	7.33	36.75	100	0	Peak
10	8612.00	39.84	-14.16	54.00	33.45	35.82	7.33	36.75	100	192	Average
11	11570.00	37.86	-36.14	74.00	75.37	-9.98	8.82	36.35	100	0	Peak

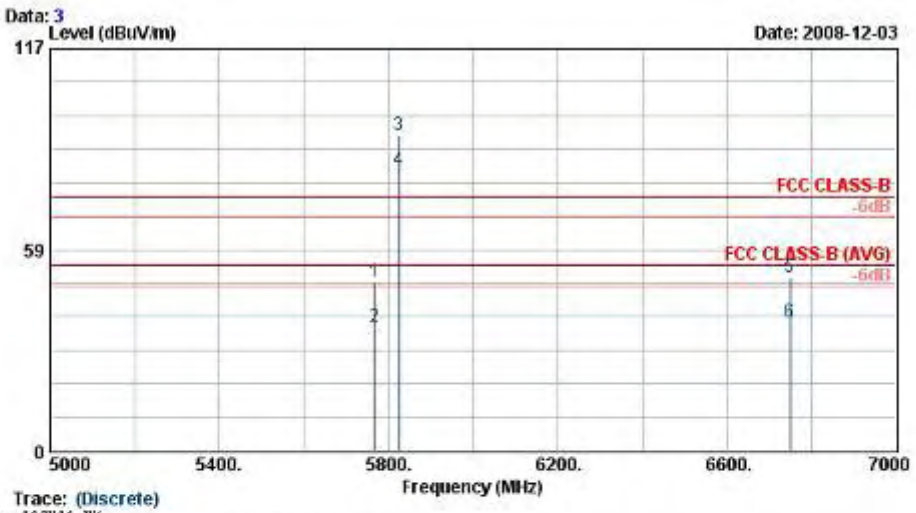
Test Mode :	Mode 26	Temperature :	23~26°C
Test Channel :	157	Relative Humidity :	42~49%
Test Engineer :	Mac Lin, Andrew Hsiao and Sun Wang	Polarization :	Vertical
Remark :	#5 and #6 are Fundamental Signals		



Site : 03CH06-HY
Condition : FCC CLASS-B 3m HF-ANT(8-18G)_081031 VERTICAL
Model : FR 8N2104
Mode : 11a TX_Ch157

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	1662.00	50.22	-23.78	74.00	54.44	29.17	3.01	36.41	100	0	Peak
2	1662.00	29.05	-24.95	54.00	33.28	29.17	3.01	36.41	100	158	Average
3	5628.00	49.60	-24.40	74.00	44.65	34.77	6.31	36.13	100	0	Peak
4	5628.00	35.91	-18.09	54.00	30.96	34.77	6.31	36.13	101	71	Average
5 X	5785.00	95.06			89.74	35.01	6.47	36.16	100	0	Peak
6 @	5785.00	84.89			79.62	34.99	6.44	36.16	101	71	Average
7	6606.00	50.65	-23.35	74.00	44.53	35.54	6.90	36.32	100	0	Peak
8	6606.00	37.07	-16.93	54.00	30.95	35.54	6.90	36.32	101	71	Average
9	8742.00	51.11	-22.89	74.00	44.47	35.93	7.50	36.80	100	0	Peak
10	8742.00	39.76	-14.24	54.00	33.12	35.93	7.50	36.80	100	201	Average
11	11570.00	37.91	-36.09	74.00	75.42	-9.98	8.82	36.35	100	0	Peak

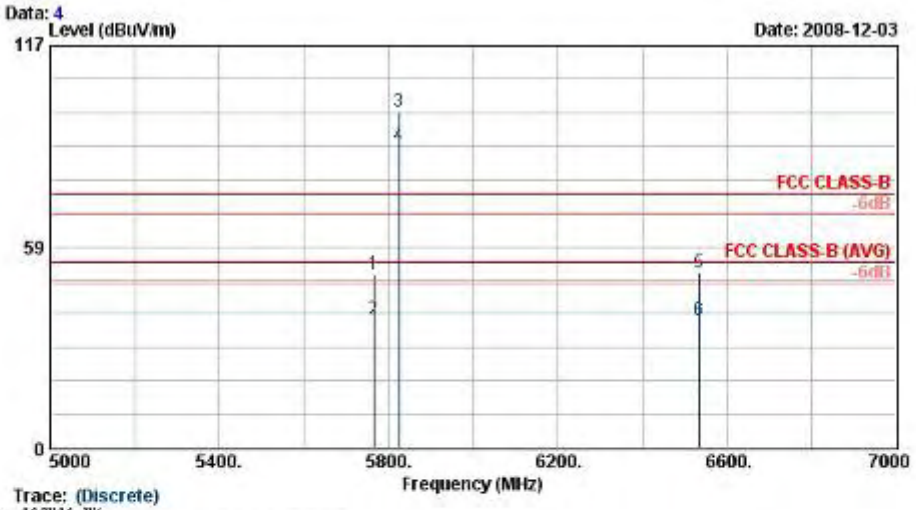
Test Mode :	Mode 27	**Temperature :**	23~26°C
Test Channel :	165	**Relative Humidity :**	42~49%
Test Engineer :	Mac Lin, Andrew Hsiao and Sun Wang	**Polarization :**	Horizontal
Remark :	#3 and #4 are Fundamental Signals		



Site : D3CH06-HY
Condition : FCC CLASS-B 3m HF-ANT_080821 HORIZONTAL
Model : FR 8N2104

		Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
		MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1		5766.00	49.29	-24.71	74.00	44.04	34.96	6.44	36.16	100	0	Peak
2		5766.00	36.00	-18.00	54.00	30.75	34.96	6.44	36.16	100	5	Average
3	X	5825.00	91.66			86.27	35.06	6.49	36.17	100	0	Peak
4	X	5825.00	81.88			76.50	35.06	6.49	36.17	100	5	Average
5		6748.00	50.32	-23.68	74.00	44.10	35.60	6.97	36.35	100	0	Peak
6		6748.00	37.20	-16.80	54.00	30.98	35.60	6.97	36.35	100	5	Average

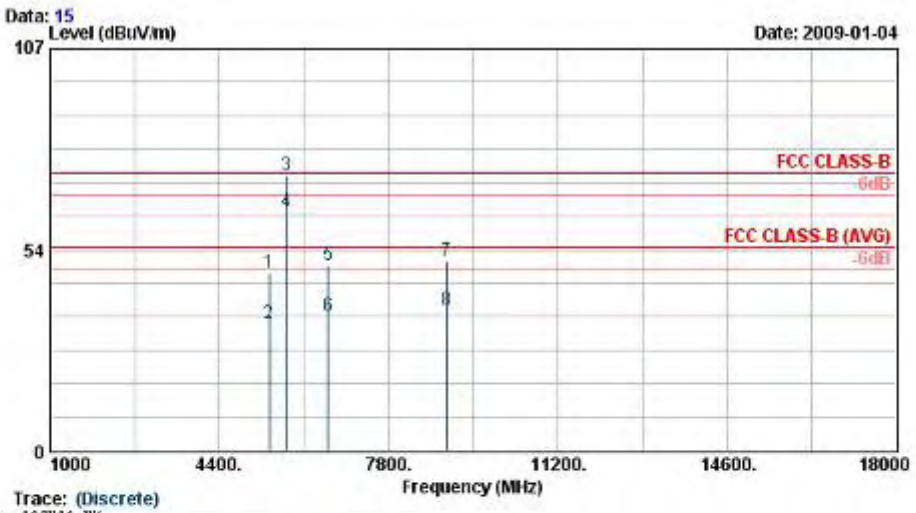
Test Mode :	Mode 27	**Temperature :**	23~26°C
Test Channel :	165	**Relative Humidity :**	42~49%
Test Engineer :	Mac Lin, Andrew Hsiao and Sun Wang	**Polarization :**	Vertical
Remark :	#3 and #4 are Fundamental Signals		



Site : 03CH06-HY
Condition : FCC CLASS-B 3m HF-ANT_080821 VERTICAL
Model : FR 8N2104

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	5764.00	50.63	-23.37	74.00	45.40	34.96	6.42	36.16	100	0	Peak
2	5764.00	37.40	-16.60	54.00	32.17	34.96	6.42	36.16	112	72	Average
3 X	5825.00	97.70			92.32	35.06	6.49	36.17	100	0	Peak
4 @	5825.00	87.76			82.38	35.06	6.49	36.17	112	72	Average
5	6534.00	50.86	-23.14	74.00	44.79	35.51	6.86	36.31	100	0	Peak
6	6534.00	36.86	-17.14	54.00	30.79	35.51	6.86	36.31	112	72	Average

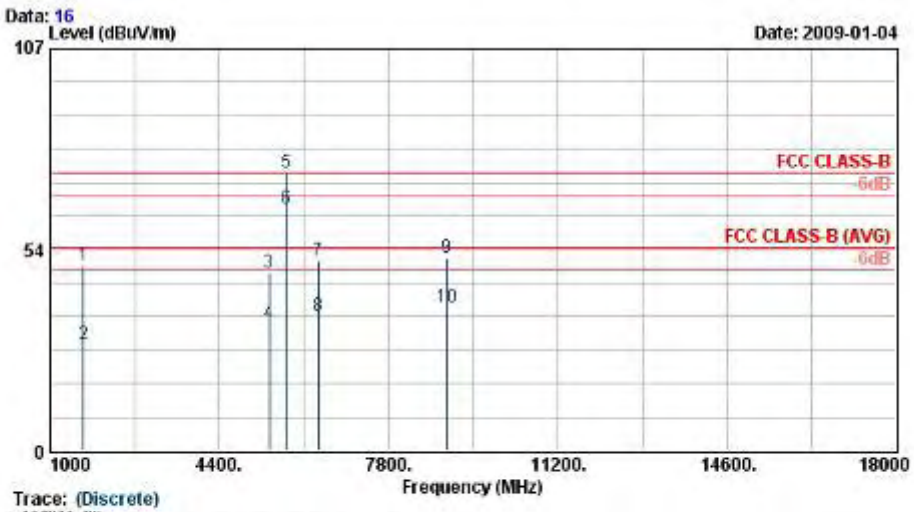
Test Mode :	Mode 28	**Temperature :**	23~26°C
Test Channel :	149	**Relative Humidity :**	42~49%
Test Engineer :	Mac Lin, Andrew Hsiao and Sun Wang	**Polarization :**	Horizontal
Remark :	#3 and #4 are Fundamental Signals		



Site : 03CH06-HY
Condition : FCC CLASS-B 3m HF-ANT(8-18G)_081031 HORIZONTAL
Model : FR 8N2104
Mode : 11n (20M) , Ant A , Tx_CH149

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	5398.00	47.44	-26.56	74.00	42.83	34.58	6.12	36.10	100	0	Peak
2	5398.00	33.92	-20.08	54.00	29.32	34.58	6.12	36.10	101	300	Average
3 !	5745.00	73.30			68.09	34.94	6.42	36.15	100	0	Peak
4 X	5745.00	63.52			58.31	34.94	6.42	36.15	101	300	Average
5	6590.00	49.44	-24.56	74.00	43.34	35.53	6.89	36.32	100	0	Peak
6	6590.00	35.90	-18.10	54.00	29.79	35.53	6.89	36.32	101	300	Average
7	8974.00	50.70	-23.30	74.00	43.66	36.17	7.77	36.89	100	0	Peak
8	8974.00	37.47	-16.53	54.00	30.42	36.17	7.77	36.89	100	360	Average

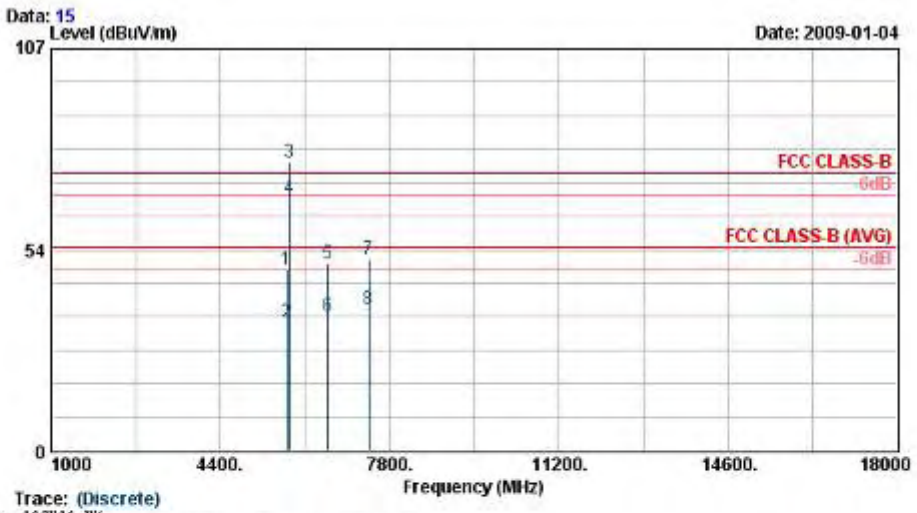
Test Mode :	Mode 28	Temperature :	23~26°C
Test Channel :	149	Relative Humidity :	42~49%
Test Engineer :	Mac Lin, Andrew Hsiao and Sun Wang	Polarization :	Vertical
Remark :	#5 and #6 are Fundamental Signals		



Site : 03CH06-HY
Condition : FCC CLASS-B 3m HF-ANT(6-18G)_061031 VERTICAL
Model : FR 8N2104
Mode : 11n (20M) , Ant A , Tx_CH149

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	1668.00	49.45	-24.55	74.00	53.68	29.17	3.01	36.41	100	0	Peak
2	1668.00	28.43	-25.57	54.00	32.66	29.17	3.01	36.41	100	313	Average
3	5398.00	47.32	-26.68	74.00	42.72	34.58	6.12	36.10	100	0	Peak
4	5398.00	33.87	-20.13	54.00	29.27	34.58	6.12	36.10	100	142	Average
5 X	5745.00	74.17			68.96	34.94	6.42	36.15	100	0	Peak
6 @	5745.00	64.33			59.12	34.94	6.42	36.15	100	142	Average
7	8396.00	50.37	-23.63	74.00	44.39	35.45	6.80	36.28	100	0	Peak
8	8396.00	35.62	-18.38	54.00	29.64	35.45	6.80	36.28	100	142	Average
9	8966.00	51.34	-22.66	74.00	44.28	36.17	7.77	36.88	100	0	Peak
10	8966.00	38.26	-15.74	54.00	31.20	36.17	7.77	36.88	100	219	Average

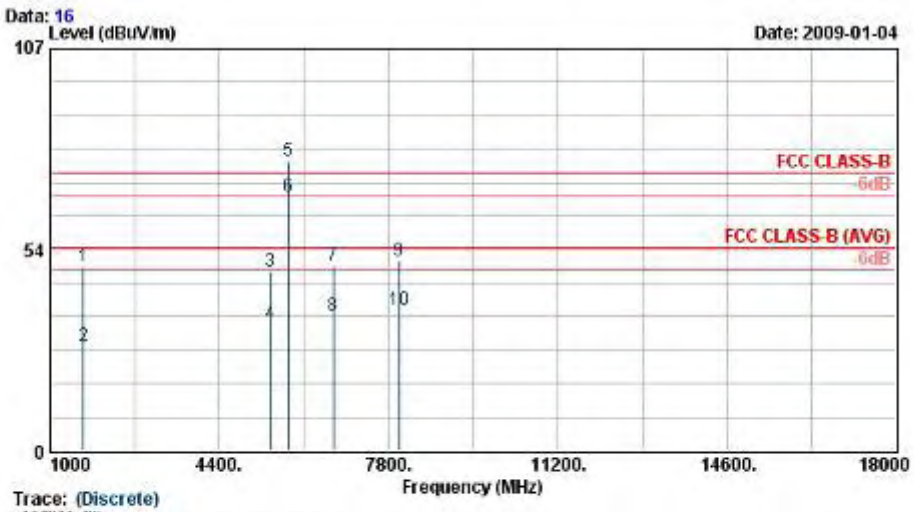
Test Mode :	Mode 29	Temperature :	23~26°C
Test Channel :	157	Relative Humidity :	42~49%
Test Engineer :	Mac Lin, Andrew Hsiao and Sun Wang	Polarization :	Horizontal
Remark :	#3 and #4 are Fundamental Signals		



Site : 03CH06-HY
Condition : FCC CLASS-B 3m HF-ANT(8-18G)_081031 HORIZONTAL
Model : FR 8N2104
Mode : 11n (20M) , Ant A , Tx_CH157

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	5732.00	48.17	-25.83	74.00	43.01	34.91	6.40	36.15	100	0	Peak
2	5732.00	34.39	-19.61	54.00	29.23	34.91	6.40	36.15	111	20	Average
3 X	5785.00	76.77			71.50	34.99	6.44	36.16	100	0	Peak
4 X	5785.00	67.07			61.80	34.99	6.44	36.16	111	20	Average
5	6548.00	49.78	-24.22	74.00	43.71	35.51	6.86	36.31	100	0	Peak
6	6548.00	35.82	-18.18	54.00	29.75	35.51	6.86	36.31	111	20	Average
7	7382.00	50.92	-23.08	74.00	44.69	35.55	7.23	36.55	100	0	Peak
8	7382.00	37.72	-16.28	54.00	31.49	35.55	7.23	36.55	100	222	Average

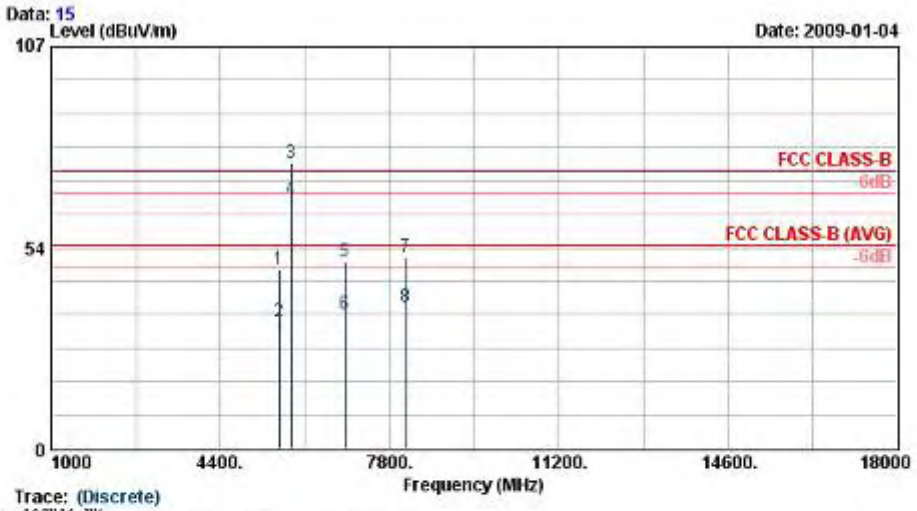
Test Mode :	Mode 29	Temperature :	23~26°C
Test Channel :	157	Relative Humidity :	42~49%
Test Engineer :	Mac Lin, Andrew Hsiao and Sun Wang	Polarization :	Vertical
Remark :	#5 and #6 are Fundamental Signals		



Site : 03CH06-HY
Condition : FCC CLASS-B 3m HF-ANT(6-18G)_081031 VERTICAL
Model : FR 8N2104
Mode : 11n (20M) , Ant A , Tx_CH157

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	1668.00	49.04	-24.96	74.00	53.27	29.17	3.01	36.41	100	0	Peak
2	1668.00	27.96	-26.04	54.00	32.19	29.17	3.01	36.41	100	133	Average
3	5428.00	47.69	-26.31	74.00	43.07	34.58	6.13	36.10	100	0	Peak
4	5428.00	33.84	-20.16	54.00	29.22	34.58	6.13	36.10	129	1	Average
5 X	5785.00	77.33			72.06	34.99	6.44	36.16	100	0	Peak
6 @	5785.00	67.70			62.43	34.99	6.44	36.16	129	1	Average
7	6684.00	49.42	-24.58	74.00	43.26	35.57	6.94	36.34	100	0	Peak
8	6684.00	35.92	-18.08	54.00	29.75	35.57	6.94	36.34	129	1	Average
9	8014.00	50.37	-23.63	74.00	43.85	35.70	7.52	36.70	100	0	Peak
10	8014.00	37.29	-16.71	54.00	30.77	35.70	7.52	36.70	100	146	Average

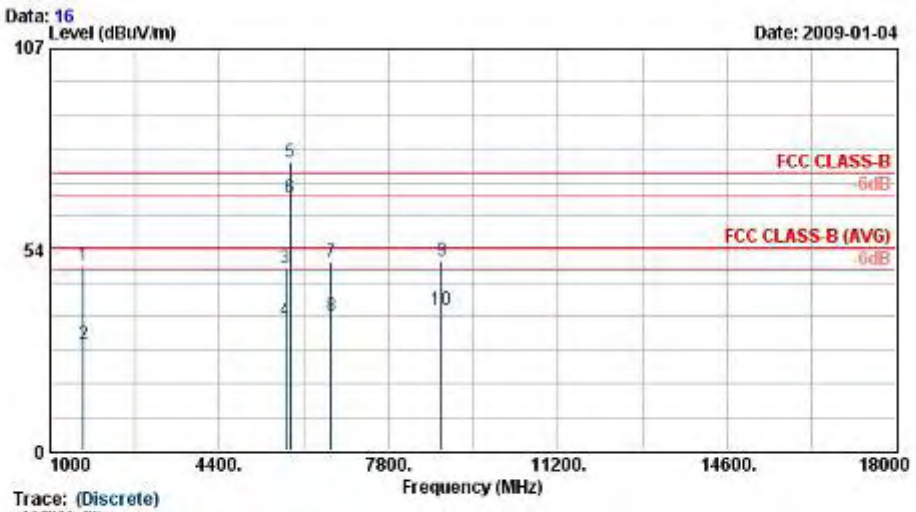
Test Mode :	Mode 30	Temperature :	23~26°C
Test Channel :	165	Relative Humidity :	42~49%
Test Engineer :	Mac Lin, Andrew Hsiao and Sun Wang	Polarization :	Horizontal
Remark :	#3 and #4 are Fundamental Signals		



Site : 03CH06-HY
Condition : FCC CLASS-B 3m HF-ANT(8-18G)_081031 HORIZONTAL
Model : FR 8N2104
Mode : 11n (20M) , Ant A , Tx_CH165

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	5574.00	47.87	-26.13	74.00	43.02	34.70	6.26	36.12	100	0	Peak
2	5574.00	33.75	-20.25	54.00	28.91	34.70	6.26	36.12	100	63	Average
3 X	5825.00	75.84			70.46	35.06	6.49	36.17	100	0	Peak
4 X	5825.00	66.30			60.92	35.06	6.49	36.17	100	63	Average
5	6894.00	49.87	-24.13	74.00	43.54	35.66	7.04	36.38	100	0	Peak
6	6894.00	35.68	-18.32	54.00	29.36	35.66	7.04	36.38	100	63	Average
7	8124.00	50.97	-23.03	74.00	44.54	35.70	7.44	36.70	100	0	Peak
8	8124.00	37.82	-16.19	54.00	31.38	35.70	7.44	36.70	100	101	Average

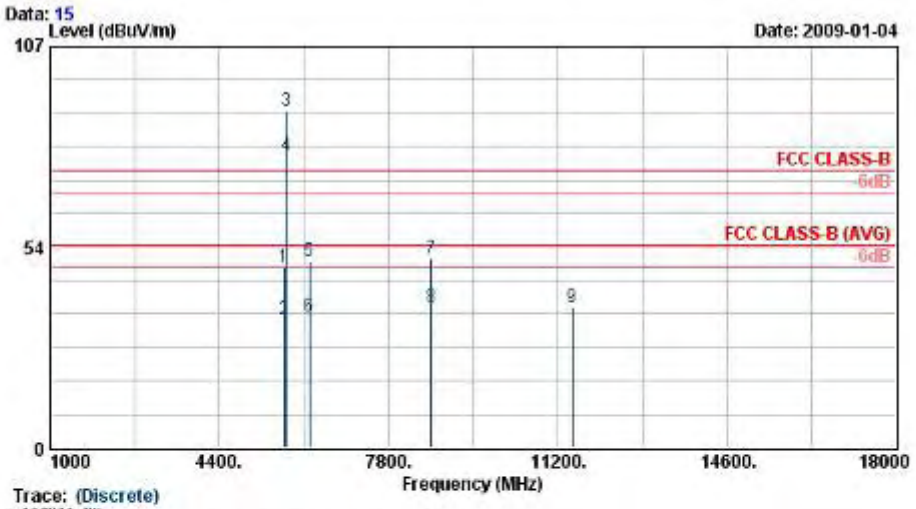
Test Mode :	Mode 30	Temperature :	23~26°C
Test Channel :	165	Relative Humidity :	42~49%
Test Engineer :	Mac Lin, Andrew Hsiao and Sun Wang	Polarization :	Vertical
Remark :	#5 and #6 are Fundamental Signals		



Site : 03CH06-HY
Condition : FCC CLASS-B 3m HF-ANT(6-18G)_061031 VERTICAL
Model : FR 6N2104
Mode : 11n (20M) , Ant A , Tx_CH165

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	1662.00	49.28	-24.72	74.00	53.50	29.17	3.01	36.41	100	0	Peak
2	1662.00	28.28	-25.72	54.00	32.51	29.17	3.01	36.41	100	112	Average
3	5732.00	48.35	-25.65	74.00	43.19	34.91	6.40	36.15	100	0	Peak
4	5732.00	34.46	-19.54	54.00	29.30	34.91	6.40	36.15	175	216	Average
5 X	5825.00	76.65			71.27	35.06	6.49	36.17	100	0	Peak
6 X	5825.00	67.26			61.88	35.06	6.49	36.17	175	216	Average
7	6646.00	49.97	-24.03	74.00	43.83	35.56	6.91	36.33	100	0	Peak
8	6646.00	35.94	-18.06	54.00	29.80	35.56	6.91	36.33	175	216	Average
9	8862.00	50.54	-23.46	74.00	43.68	36.05	7.65	36.84	100	0	Peak
10	8862.00	37.41	-16.59	54.00	30.55	36.05	7.65	36.84	100	123	Average

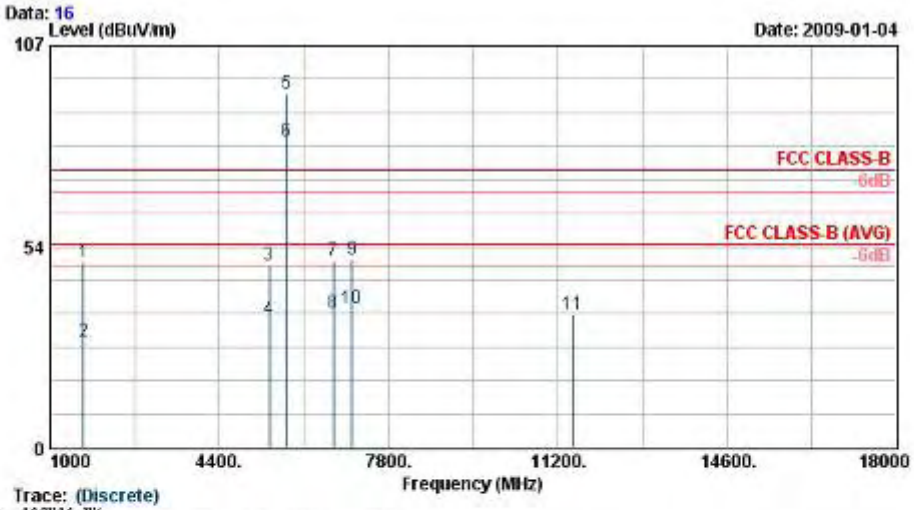
Test Mode :	Mode 31	Temperature :	23~26°C
Test Channel :	149	Relative Humidity :	42~49%
Test Engineer :	Mac Lin, Andrew Hsiao and Sun Wang	Polarization :	Horizontal
Remark :	#3 and #4 are Fundamental Signals		



Site : 03CH06-HY
Condition : FCC CLASS-B 3m HF-ANT(6-18G)_081031 HORIZONTAL
Model : FR 8N2104
Mode : 11n (20M) , Ant B+C , Tx_CH149

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	5700.00	48.05	-25.95	74.00	42.96	34.87	6.37	36.14	100	0	Peak
2	5700.00	34.32	-19.68	54.00	28.22	34.87	6.37	36.14	108	8	Average
3 X	5745.00	88.84			84.63	34.94	6.42	36.15	100	0	Peak
4 X	5745.00	77.77			72.56	34.94	6.42	36.15	108	8	Average
5	8206.00	49.74	-24.26	74.00	43.87	35.38	6.73	36.24	100	0	Peak
6	8206.00	35.11	-18.89	54.00	29.24	35.38	6.73	36.24	108	8	Average
7	8646.00	50.44	-23.56	74.00	43.97	35.85	7.39	36.76	100	0	Peak
8	8646.00	37.29	-16.71	54.00	30.81	35.85	7.39	36.76	100	71	Average
9	11490.00	37.46	-36.54	74.00	74.87	-9.88	8.77	36.31	100	0	Peak

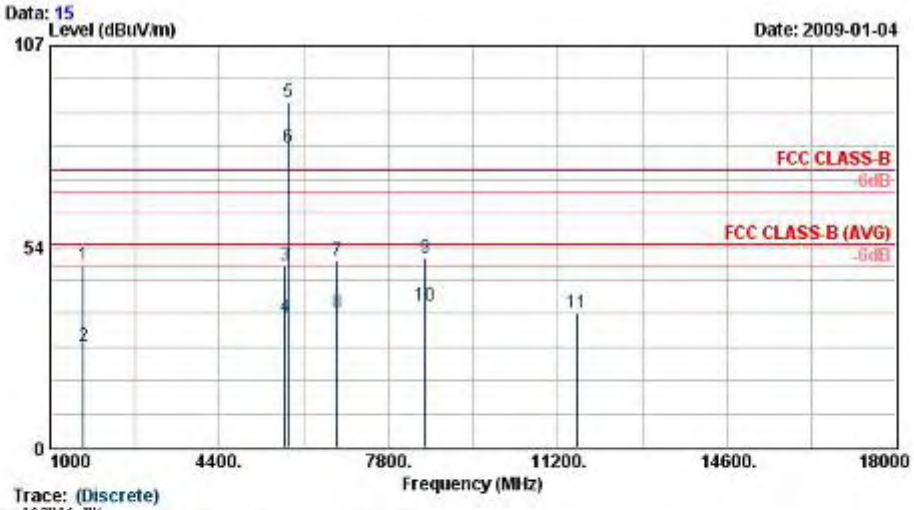
Test Mode :	Mode 31	**Temperature :**	23~26°C
Test Channel :	149	**Relative Humidity :**	42~49%
Test Engineer :	Mac Lin, Andrew Hsiao and Sun Wang	**Polarization :**	Vertical
Remark :	#5 and #6 are Fundamental Signals		



Site : 03CH06-HY
Condition : FCC CLASS-B 3m HF-ANT(8-18G)_081031 VERTICAL
Model : FR 8N2104
Mode : 11n (20M) , Ant B+C , Tx_CH149

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	1668.00	49.28	-24.72	74.00	53.51	29.17	3.01	36.41	100	0	Peak
2	1668.00	28.23	-25.77	54.00	32.46	29.17	3.01	36.41	100	30	Average
3	5396.00	48.33	-25.67	74.00	43.73	34.58	6.12	36.10	100	0	Peak
4	5396.00	34.22	-19.78	54.00	29.62	34.58	6.12	36.10	100	61	Average
5 X	5745.00	94.40			89.19	34.94	6.42	36.15	100	0	Peak
6 @	5745.00	81.55			76.34	34.94	6.42	36.15	100	61	Average
7	6694.00	49.66	-24.34	74.00	43.49	35.58	6.94	36.34	100	0	Peak
8	6694.00	35.98	-18.02	54.00	29.81	35.58	6.94	36.34	100	61	Average
9	7068.00	50.26	-23.74	74.00	43.91	35.67	7.12	36.43	100	0	Peak
10	7068.00	37.15	-16.85	54.00	30.79	35.67	7.12	36.43	100	290	Average
11	11490.00	35.30	-38.70	74.00	72.71	-9.88	8.77	36.31	100	0	Peak

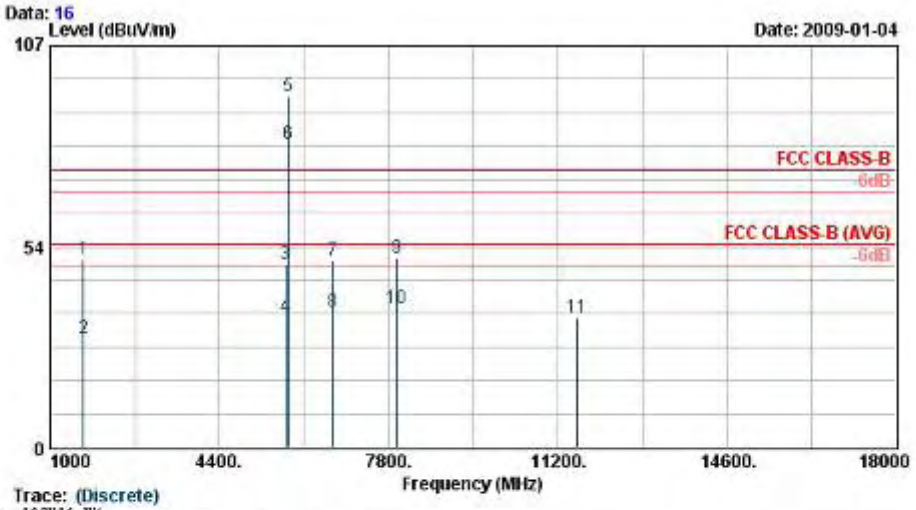
Test Mode :	Mode 32	Temperature :	23~26°C
Test Channel :	157	Relative Humidity :	42~49%
Test Engineer :	Mac Lin, Andrew Hsiao and Sun Wang	Polarization :	Horizontal
Remark :	#5 and #6 are Fundamental Signals		



Site : 03CH06-HY
Condition : FCC CLASS-B 3m HF-ANT(8-18G)_081031 HORIZONTAL
Model : FR 8N2104
Mode : 11n (20M) , Ant B+C , Tx_CH157

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	1662.00	48.48	-25.52	74.00	52.71	29.17	3.01	36.41	100	0	Peak
2	1662.00	27.22	-26.78	54.00	31.45	29.17	3.01	36.41	100	59	Average
3	5716.00	48.35	-25.65	74.00	43.24	34.89	6.37	36.15	100	0	Peak
4	5716.00	34.76	-19.24	54.00	29.64	34.89	6.37	36.15	101	18	Average
5 X	5785.00	91.79			86.47	35.01	6.47	36.16	100	0	Peak
6 X	5785.00	79.81			74.54	34.99	6.44	36.16	101	18	Average
7	6766.00	49.84	-24.16	74.00	43.62	35.60	6.97	36.35	100	0	Peak
8	6766.00	35.85	-18.15	54.00	29.63	35.60	6.97	36.35	101	18	Average
9	8532.00	50.68	-23.32	74.00	44.42	35.73	7.24	36.71	100	0	Peak
10	8532.00	37.63	-16.37	54.00	31.37	35.73	7.24	36.71	100	306	Average
11	11570.00	35.64	-38.36	74.00	73.15	-9.98	8.82	36.35	100	0	Peak

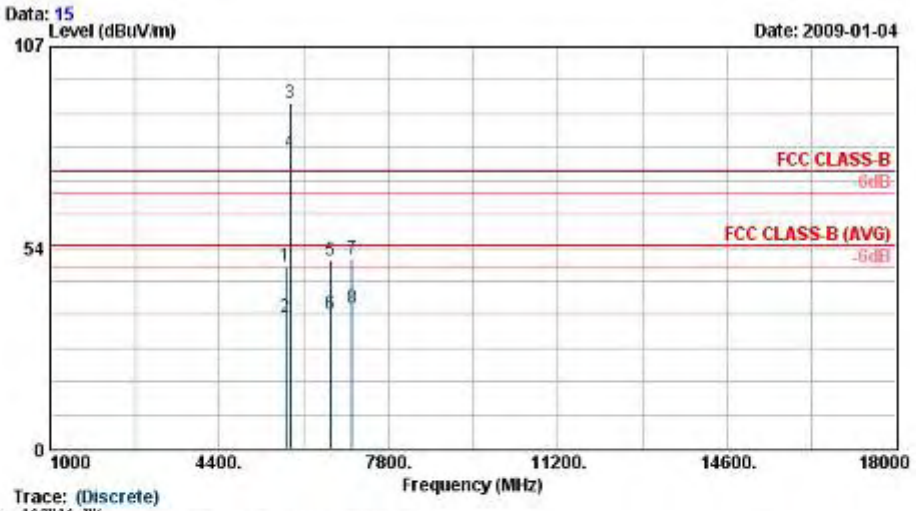
Test Mode :	Mode 32	**Temperature :**	23~26°C
Test Channel :	157	**Relative Humidity :**	42~49%
Test Engineer :	Mac Lin, Andrew Hsiao and Sun Wang	**Polarization :**	Vertical
Remark :	#5 and #6 are Fundamental Signals		



Site : 03CH06-HY
Condition : FCC CLASS-B 3m HF-ANT(8-18G)_081031 VERTICAL
Model : FR 8N2104
Mode : 11n (20M) , Ant B+C , Tx_CH157

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	1668.00	50.20	-23.80	74.00	54.43	29.17	3.01	36.41	100	0	Peak
2	1668.00	29.10	-24.90	54.00	33.33	29.17	3.01	36.41	100	40	Average
3	5734.00	48.81	-25.19	74.00	43.65	34.91	6.40	36.15	100	0	Peak
4	5734.00	34.74	-19.26	54.00	29.58	34.91	6.40	36.15	100	65	Average
5 X	5785.00	93.55			88.23	35.01	6.47	36.16	100	0	Peak
6 @	5785.00	80.57			75.30	34.99	6.44	36.16	100	65	Average
7	6676.00	49.87	-24.13	74.00	43.71	35.57	6.92	36.34	100	0	Peak
8	6676.00	36.02	-17.98	54.00	29.86	35.57	6.92	36.34	100	65	Average
9	7966.00	50.39	-23.61	74.00	43.90	35.69	7.50	36.69	100	0	Peak
10	7966.00	37.03	-16.97	54.00	30.54	35.69	7.50	36.69	100	68	Average
11	11570.00	34.68	-39.32	74.00	72.20	-9.98	8.82	36.35	100	0	Peak

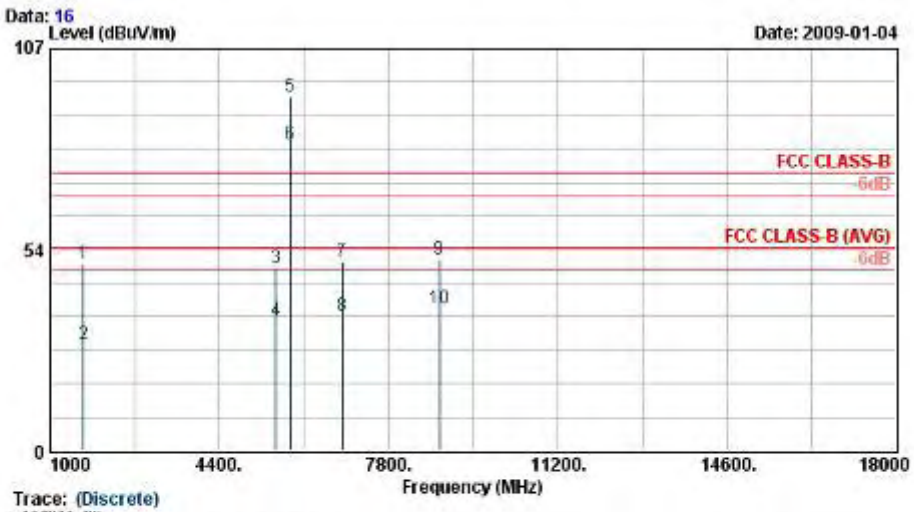
Test Mode :	Mode 33	Temperature :	23~26°C
Test Channel :	165	Relative Humidity :	42~49%
Test Engineer :	Mac Lin, Andrew Hsiao and Sun Wang	Polarization :	Horizontal
Remark :	#3 and #4 are Fundamental Signals		



Site : 03CH06-HY
Condition : FCC CLASS-B 3m HF-ANT(8-18G)_081031 HORIZONTAL
Model : FR 8N2104
Mode : 11n (20M) , Ant B+C , Tx_CH165

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	5734.00	48.57	-25.43	74.00	43.41	34.91	6.40	36.15	100	0	Peak
2	5734.00	34.82	-19.18	54.00	29.66	34.91	6.40	36.15	100	18	Average
3 X	5825.00	91.71			86.33	35.06	6.49	36.17	100	0	Peak
4 X	5825.00	78.90			73.52	35.06	6.49	36.17	100	18	Average
5	6622.00	50.21	-23.79	74.00	44.09	35.55	6.90	36.32	100	0	Peak
6	6622.00	35.95	-18.05	54.00	29.82	35.55	6.90	36.32	100	18	Average
7	7070.00	50.54	-23.46	74.00	44.18	35.67	7.12	36.43	100	0	Peak
8	7070.00	37.47	-16.53	54.00	31.11	35.67	7.12	36.43	100	18	Average

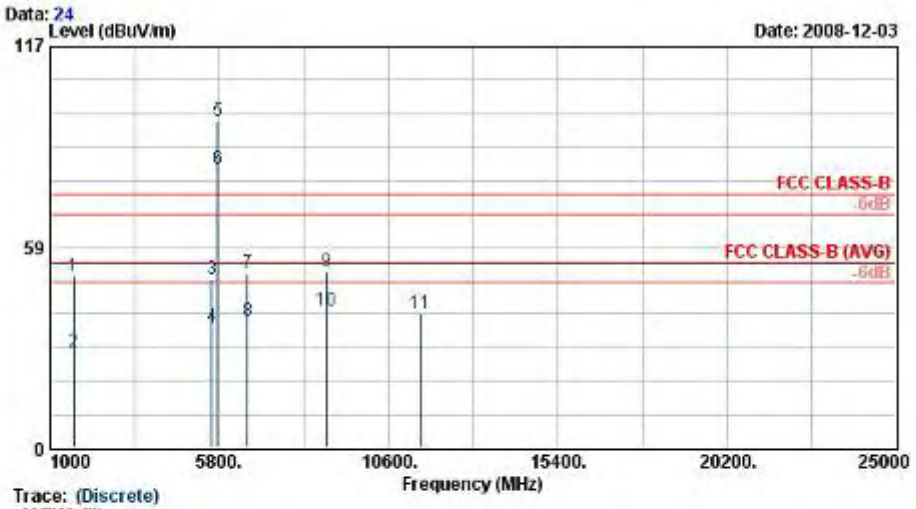
Test Mode :	Mode 33	Temperature :	23~26°C
Test Channel :	165	Relative Humidity :	42~49%
Test Engineer :	Mac Lin, Andrew Hsiao and Sun Wang	Polarization :	Vertical
Remark :	#5 and #6 are Fundamental Signals		



Site : 03CH06-HY
Condition : FCC CLASS-B 3m HF-ANT(6-18G)_081031 VERTICAL
Model : FR 8N2104
Mode : 11n (20M) , Ant B+C , Tx_CH165

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	1668.00	49.56	-24.44	74.00	53.78	29.17	3.01	36.41	100	0	Peak
2	1668.00	28.41	-25.59	54.00	32.64	29.17	3.01	36.41	100	256	Average
3	5534.00	48.34	-25.66	74.00	43.59	34.65	6.21	36.11	100	0	Peak
4	5534.00	34.49	-19.51	54.00	29.74	34.65	6.21	36.11	100	73	Average
5 X	5825.00	94.17			88.79	35.06	6.49	36.17	100	0	Peak
6 @	5825.00	81.64			76.26	35.06	6.49	36.17	100	73	Average
7	6876.00	50.10	-23.90	74.00	43.80	35.65	7.03	36.37	100	0	Peak
8	6876.00	35.77	-18.23	54.00	29.46	35.65	7.03	36.37	100	73	Average
9	8820.00	50.84	-23.16	74.00	44.06	36.02	7.59	36.83	100	0	Peak
10	8820.00	37.88	-16.12	54.00	31.10	36.02	7.59	36.83	100	68	Average

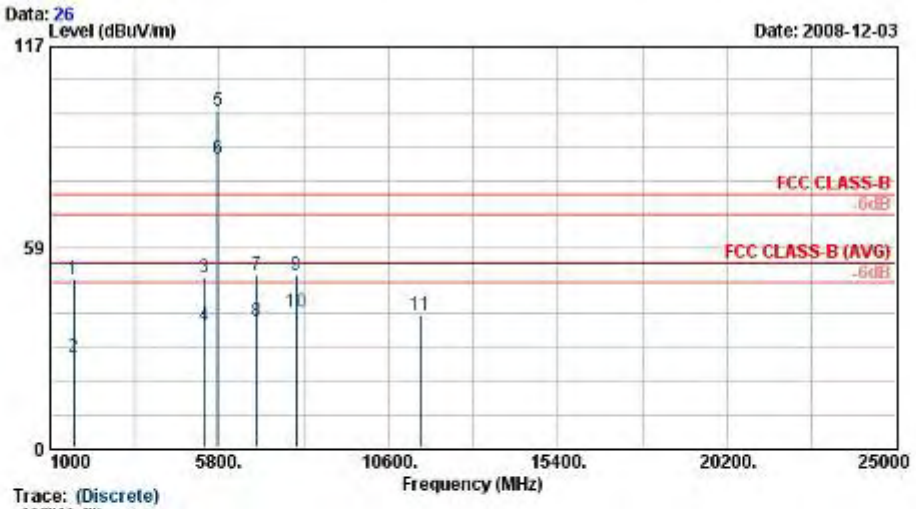
Test Mode :	Mode 34	Temperature :	23~26°C
Test Channel :	149	Relative Humidity :	42~49%
Test Engineer :	Mac Lin, Andrew Hsiao and Sun Wang	Polarization :	Horizontal
Remark :	#5 and #6 are Fundamental Signals		



Site : 03CH06-HY
Condition : FCC CLASS-B 3m SHF-EHF HORN HORIZONTAL
Model : FR 8N2104

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	1662.00	50.12	-23.88	74.00	54.34	29.17	3.01	36.41	100	0	Peak
2	1662.00	28.01	-25.99	54.00	32.24	29.17	3.01	36.41	100	34	Average
3	5580.00	49.20	-24.80	74.00	44.36	34.70	6.26	36.12	100	0	Peak
4	5580.00	35.39	-18.61	54.00	30.55	34.70	6.26	36.12	102	14	Average
5 @	5745.00	95.46			90.25	34.94	6.42	36.15	100	0	Peak
6 @	5745.00	81.24			76.03	34.94	6.42	36.15	102	14	Average
7	6588.00	50.76	-23.24	74.00	44.66	35.53	6.89	36.32	100	0	Peak
8	6588.00	37.04	-16.96	54.00	30.93	35.53	6.89	36.32	102	14	Average
9	8836.00	51.22	-22.78	74.00	44.42	36.03	7.59	36.83	100	0	Peak
10 @	8836.00	39.95	-14.05	54.00	33.15	36.03	7.59	36.83	100	295	Average
11	11490.00	39.23	-34.77	74.00	76.64	-9.88	8.77	36.31	100	0	Peak

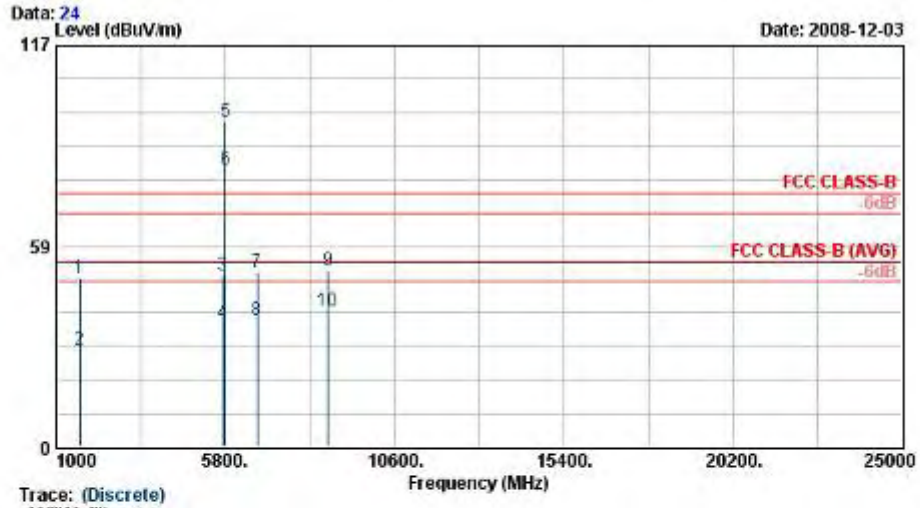
Test Mode :	Mode 34	**Temperature :**	23~26°C
Test Channel :	149	**Relative Humidity :**	42~49%
Test Engineer :	Mac Lin, Andrew Hsiao and Sun Wang	**Polarization :**	Vertical
Remark :	#5 and #6 are Fundamental Signals		



Site : 03CH06-HY
Condition : FCC CLASS-B 3m SHF-EHF HORN VERTICAL
Model : FR 8N2104

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	1662.00	49.05	-24.95	74.00	53.28	29.17	3.01	36.41	100	0	Peak
2	1662.00	26.47	-27.53	54.00	30.70	29.17	3.01	36.41	100	260	Average
3	5372.00	49.72	-24.28	74.00	45.13	34.57	6.11	36.10	100	0	Peak
4	5372.00	35.69	-18.31	54.00	31.11	34.57	6.11	36.10	103	72	Average
5 @	5745.00	98.44			93.23	34.94	6.42	36.15	100	0	Peak
6 @	5745.00	84.52			79.31	34.94	6.42	36.15	103	72	Average
7	6862.00	50.66	-23.34	74.00	44.37	35.64	7.02	36.37	100	0	Peak
8	6862.00	36.79	-17.21	54.00	30.50	35.64	7.02	36.37	103	72	Average
9	7980.00	50.60	-23.40	74.00	44.10	35.69	7.51	36.70	100	0	Peak
10 @	7980.00	39.63	-14.37	54.00	33.12	35.69	7.51	36.70	100	182	Average
11	11490.00	38.85	-35.15	74.00	76.27	-9.88	8.77	36.31	100	0	Peak

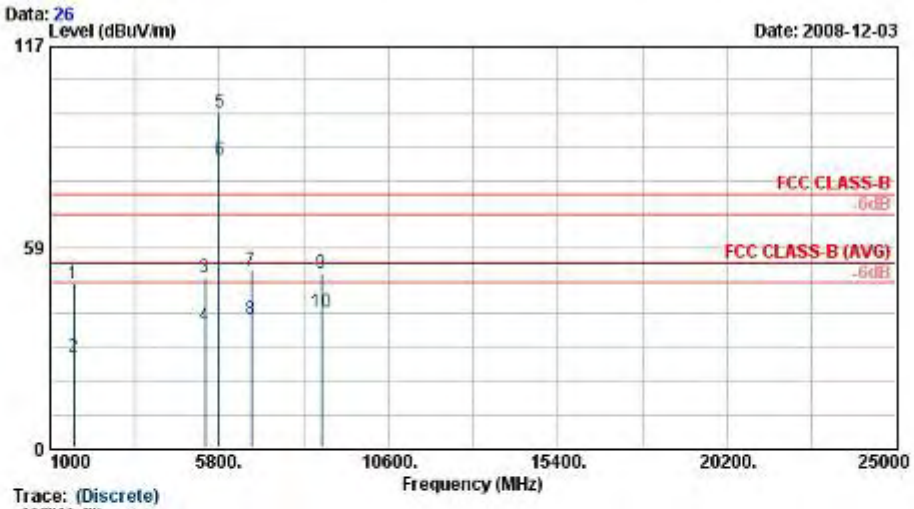
Test Mode :	Mode 35	Temperature :	23~26°C
Test Channel :	157	Relative Humidity :	42~49%
Test Engineer :	Mac Lin, Andrew Hsiao and Sun Wang	Polarization :	Horizontal
Remark :	#5 and #6 are Fundamental Signals		



Site : 03CH06-HY
Condition : FCC CLASS-B 3m SHF-EHF HORN HORIZONTAL
Model : FR 8N2104

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	1668.00	49.12	-24.88	74.00	53.34	29.17	3.01	36.41	100	0	Peak
2	1668.00	28.24	-25.76	54.00	32.47	29.17	3.01	36.41	195	39	Average
3	5726.00	50.02	-23.98	74.00	44.86	34.91	6.40	36.15	100	0	Peak
4	5726.00	35.91	-18.09	54.00	30.74	34.91	6.40	36.15	103	15	Average
5 X	5785.00	95.03			89.75	34.99	6.44	36.16	100	0	Peak
6 X	5785.00	80.87			75.60	34.99	6.44	36.16	103	15	Average
7	8702.00	50.82	-23.18	74.00	44.64	35.58	6.95	36.34	100	0	Peak
8	8702.00	37.07	-16.93	54.00	30.89	35.58	6.95	36.34	103	15	Average
9	8708.00	51.26	-22.74	74.00	44.70	35.90	7.45	36.78	100	0	Peak
10	8708.00	39.72	-14.28	54.00	33.15	35.90	7.45	36.78	100	301	Average

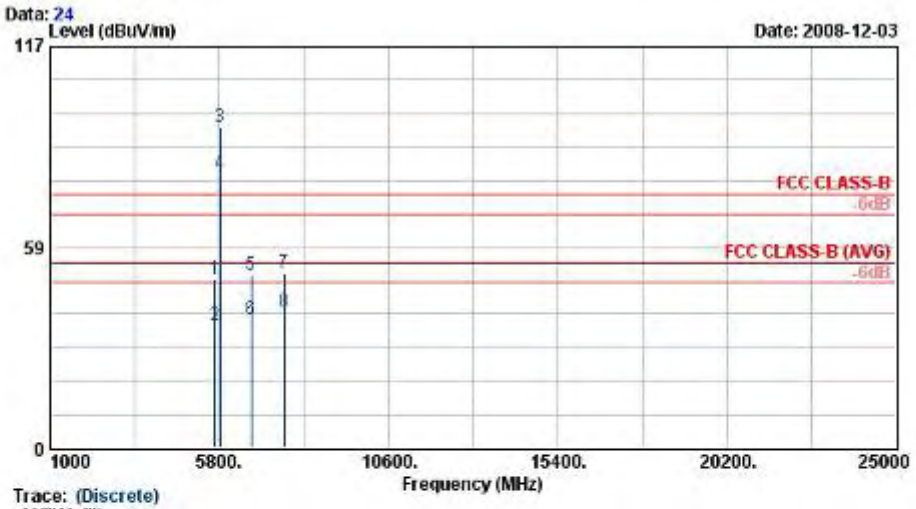
Test Mode :	Mode 35	**Temperature :**	23~26°C
Test Channel :	157	**Relative Humidity :**	42~49%
Test Engineer :	Mac Lin, Andrew Hsiao and Sun Wang	**Polarization :**	Vertical
Remark :	#5 and #6 are Fundamental Signals		



Site : 03CH06-HY
Condition : FCC CLASS-B 3m SHF-EHF HORN VERTICAL
Model : FR 8N2104

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	1668.00	47.81	-26.19	74.00	52.04	29.17	3.01	36.41	100	0	Peak
2	1668.00	26.72	-27.28	54.00	30.95	29.17	3.01	36.41	100	146	Average
3	5398.00	49.65	-24.35	74.00	45.05	34.58	6.12	36.10	100	0	Peak
4	5398.00	35.65	-18.35	54.00	31.05	34.58	6.12	36.10	124	72	Average
5 X	5785.00	97.79			92.52	34.99	6.44	36.16	100	0	Peak
6 @	5785.00	83.97			78.70	34.99	6.44	36.16	124	72	Average
7	8694.00	51.73	-22.27	74.00	45.56	35.58	6.94	36.34	100	0	Peak
8	8694.00	37.21	-16.79	54.00	31.04	35.58	6.94	36.34	124	72	Average
9	8684.00	50.95	-23.05	74.00	44.42	35.88	7.42	36.77	100	0	Peak
10	8684.00	39.62	-14.38	54.00	33.09	35.88	7.42	36.77	100	92	Average

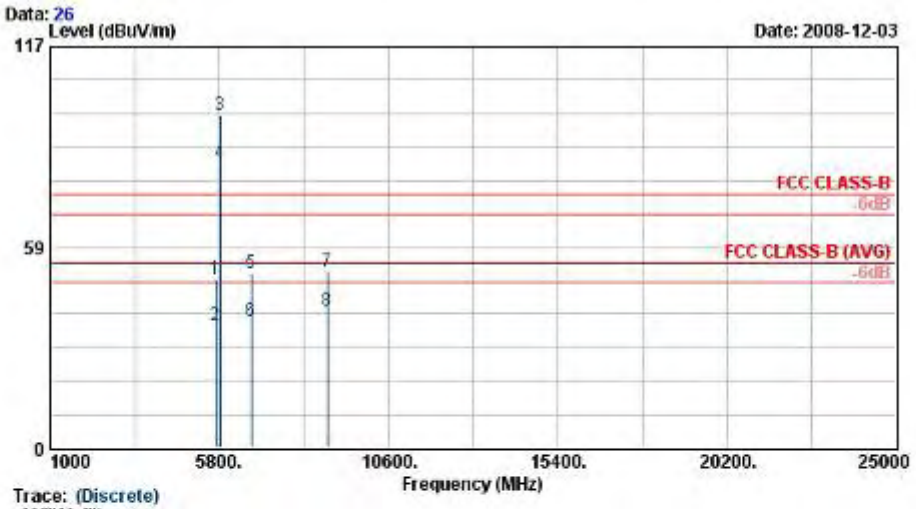
Test Mode :	Mode 36	Temperature :	23~26°C
Test Channel :	165	Relative Humidity :	42~49%
Test Engineer :	Mac Lin, Andrew Hsiao and Sun Wang	Polarization :	Horizontal
Remark :	#3 and #4 are Fundamental Signals		



Site : 03CH06-HV
Condition : FCC CLASS-B 3m SHF-EHF HORN HORIZONTAL
Model : FR 8N2104

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	5668.00	49.03	-24.97	74.00	43.99	34.84	6.33	36.14	100	0	Peak
2	5668.00	35.61	-18.39	54.00	30.58	34.84	6.33	36.14	102	7	Average
3 X	5825.00	83.45			88.06	35.06	6.49	36.17	100	0	Peak
4 X	5825.00	80.01			74.63	35.06	6.49	36.17	102	7	Average
5	6700.00	50.67	-23.33	74.00	44.49	35.58	6.95	36.34	100	0	Peak
6	6700.00	37.21	-16.79	54.00	31.03	35.58	6.95	36.34	102	7	Average
7	7644.00	51.05	-22.95	74.00	44.78	35.56	7.34	36.63	100	0	Peak
8	7644.00	39.73	-14.27	54.00	33.46	35.56	7.34	36.63	100	211	Average

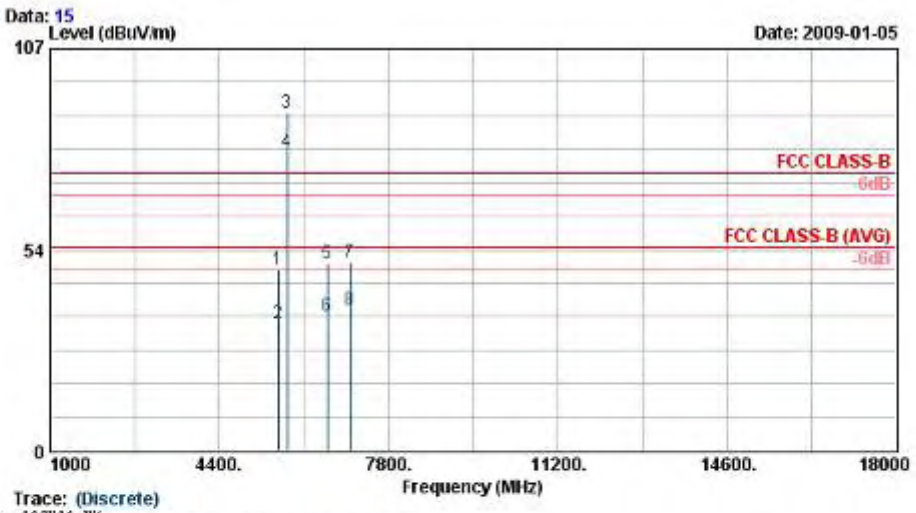
Test Mode :	Mode 36	Temperature :	23~26°C
Test Channel :	165	Relative Humidity :	42~49%
Test Engineer :	Mac Lin, Andrew Hsiao and Sun Wang	Polarization :	Vertical
Remark :	#3 and #4 are Fundamental Signals		



Site : 03CH06-HY
Condition : FCC CLASS-B 3m SHF-EHF HORN VERTICAL
Model : FR 8N2104

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	5686.00	49.08	-24.92	74.00	44.01	34.87	6.35	36.14	100	0	Peak
2	5686.00	35.88	-18.12	54.00	30.80	34.87	6.35	36.14	123	73	Average
3 X	5825.00	86.96			81.57	35.06	6.49	36.17	100	0	Peak
4 @	5825.00	83.16			77.78	35.06	6.49	36.17	123	73	Average
5	6702.00	50.88	-23.12	74.00	44.70	35.58	6.95	36.34	100	0	Peak
6	6702.00	37.09	-16.91	54.00	30.91	35.58	6.95	36.34	123	73	Average
7	8854.00	51.15	-22.85	74.00	44.31	36.05	7.62	36.84	100	0	Peak
8	8854.00	39.93	-14.07	54.00	33.10	36.05	7.62	36.84	100	107	Average

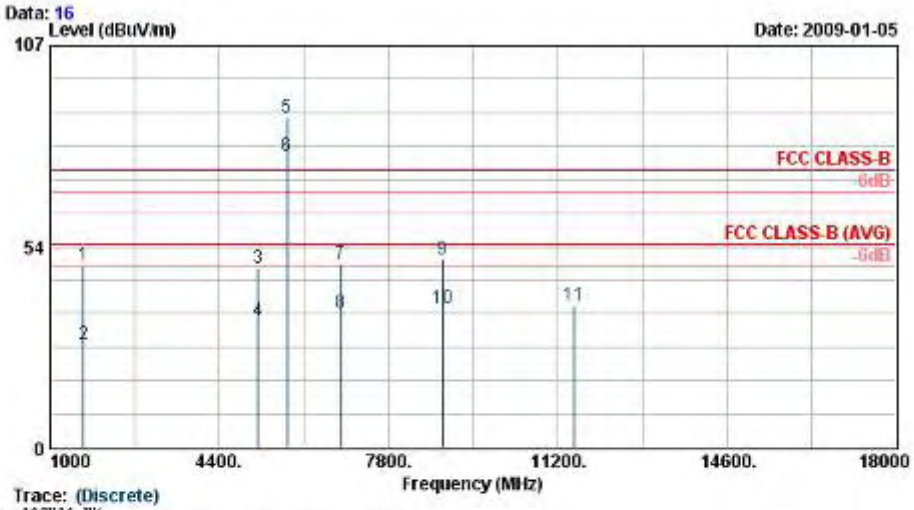
Test Mode :	Mode 37	Temperature :	23~26°C
Test Channel :	151	Relative Humidity :	42~49%
Test Engineer :	Mac Lin, Andrew Hsiao and Sun Wang	Polarization :	Horizontal
Remark :	#3 and #4 are Fundamental Signals		



Site : 03CH06-HY
Condition : FCC CLASS-B 3m HF-ANT(8-18G)_081031 HORIZONTAL
Model : FR 8N2104
Mode : 11n (40M) , Ant B , Ta_CH151

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	5574.00	47.95	-26.05	74.00	43.11	34.70	6.26	36.12	100	0	Peak
2	5574.00	33.95	-20.05	54.00	29.11	34.70	6.26	36.12	100	16	Average
3 X	5755.00	89.89			84.64	34.96	6.44	36.16	100	0	Peak
4 @	5755.00	79.55			74.32	34.96	6.42	36.15	100	16	Average
5	6574.00	49.53	-24.47	74.00	43.44	35.53	6.88	36.32	100	0	Peak
6	6574.00	35.82	-18.18	54.00	29.73	35.53	6.88	36.32	100	16	Average
7	7012.00	49.94	-24.06	74.00	43.57	35.69	7.09	36.41	100	0	Peak
8	7012.00	37.22	-16.78	54.00	30.85	35.69	7.09	36.41	100	245	Average

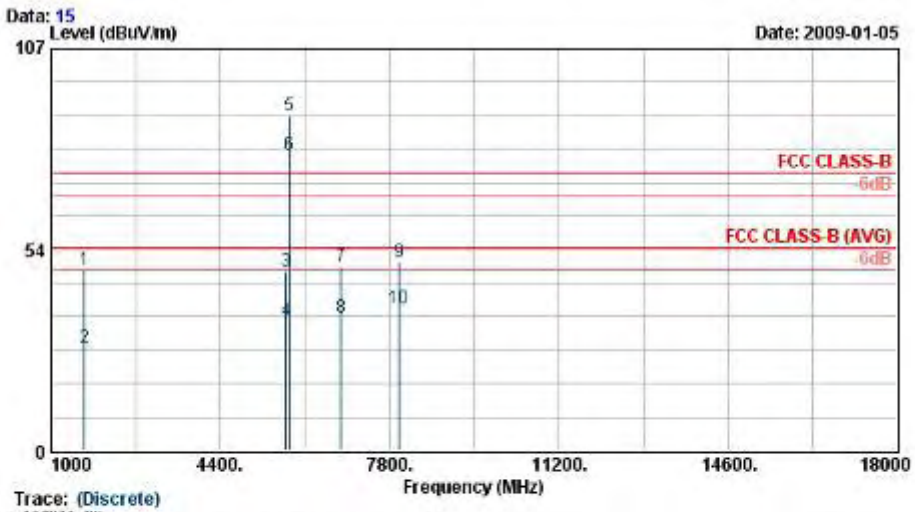
Test Mode :	Mode 37	**Temperature :**	23~26°C
Test Channel :	151	**Relative Humidity :**	42~49%
Test Engineer :	Mac Lin, Andrew Hsiao and Sun Wang	**Polarization :**	Vertical
Remark :	#5 and #6 are Fundamental Signals		



Site : 03CH06-HY
Condition : FCC CLASS-B 3m HF-ANT(8-18G)_081031 VERTICAL
Model : FR 8N2104
Mode : 11n (40M) , Ant B , Ta_CH151

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	1662.00	48.71	-25.29	74.00	52.94	29.17	3.01	36.41	100	0	Peak
2	1662.00	27.38	-26.62	54.00	31.61	29.17	3.01	36.41	100	60	Average
3	5182.00	47.63	-26.37	74.00	43.20	34.54	6.00	36.10	100	0	Peak
4	5182.00	33.64	-20.36	54.00	29.21	34.54	6.00	36.10	100	322	Average
5 X	5755.00	87.79			82.58	34.94	6.42	36.15	100	0	Peak
6 @	5755.00	77.43			72.20	34.96	6.42	36.15	100	322	Average
7	6846.00	48.80	-25.20	74.00	42.51	35.64	7.02	36.37	100	0	Peak
8	6846.00	35.77	-18.23	54.00	29.48	35.64	7.02	36.37	100	322	Average
9	8884.00	50.01	-23.99	74.00	43.12	36.08	7.65	36.85	100	0	Peak
10	8884.00	37.15	-16.85	54.00	30.26	36.08	7.65	36.85	100	60	Average
11	11510.00	37.89	-36.11	74.00	75.32	-9.89	8.77	36.30	100	0	Peak

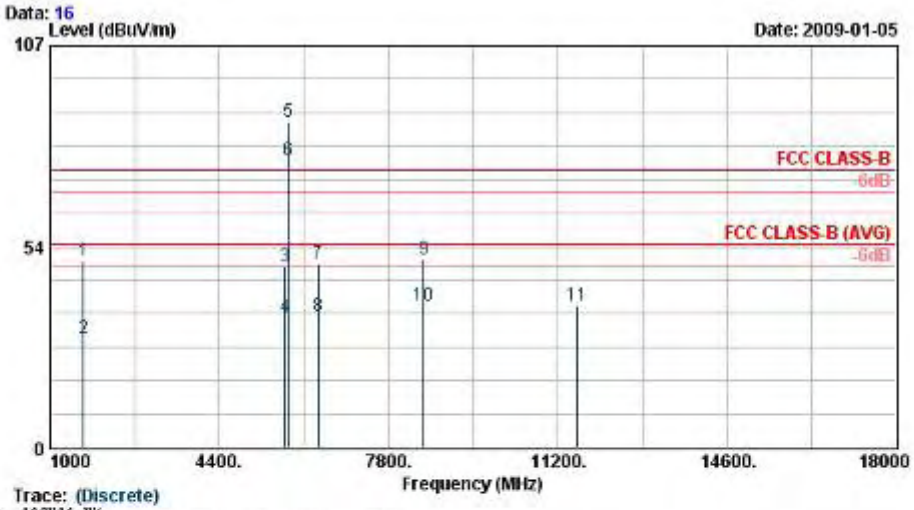
Test Mode :	Mode 38	Temperature :	23~26°C
Test Channel :	159	Relative Humidity :	42~49%
Test Engineer :	Mac Lin, Andrew Hsiao and Sun Wang	Polarization :	Horizontal
Remark :	#5 and #6 are Fundamental Signals		



Site : 03CH06-HY
Condition : FCC CLASS-B 3m HF-ANT(6-18G)_081031 HORIZONTAL
Model : FR 8N2104
Mode : 11n (40M) , Ant B , Tx_CH159

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	1668.00	48.31	-25.69	74.00	52.53	29.17	3.01	36.41	100	0	Peak
2	1668.00	27.26	-26.74	54.00	31.48	29.17	3.01	36.41	100	163	Average
3	5718.00	47.83	-26.17	74.00	42.67	34.91	6.40	36.15	100	0	Peak
4	5718.00	34.71	-19.29	54.00	29.54	34.91	6.40	36.15	178	14	Average
5 X	5795.00	89.26			83.99	34.99	6.44	36.16	100	0	Peak
6 @	5795.00	78.78			73.46	35.01	6.47	36.16	178	14	Average
7	6828.00	48.98	-25.02	74.00	42.71	35.63	7.01	36.37	100	0	Peak
8	6828.00	35.35	-18.65	54.00	29.08	35.63	7.01	36.37	178	14	Average
9	7988.00	50.14	-23.86	74.00	43.63	35.69	7.51	36.70	100	0	Peak
10	7988.00	37.71	-16.29	54.00	31.20	35.69	7.51	36.70	100	96	Average

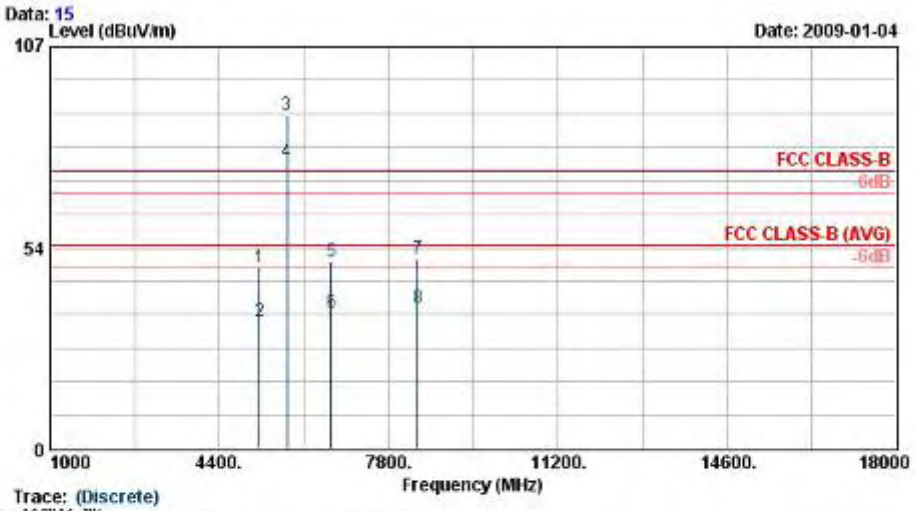
Test Mode :	Mode 38	Temperature :	23~26°C
Test Channel :	159	Relative Humidity :	42~49%
Test Engineer :	Mac Lin, Andrew Hsiao and Sun Wang	Polarization :	Vertical
Remark :	#5 and #6 are Fundamental Signals		



Site : 03CH06-HY
Condition : FCC CLASS-B 3m HF-ANT(8-18G)_081031 VERTICAL
Model : FR 8N2104
Mode : 11n (40M) , Ant B , Tx_CH159

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	1662.00	49.90	-24.10	74.00	54.13	29.17	3.01	36.41	100	0	Peak
2	1662.00	28.86	-25.14	54.00	33.09	29.17	3.01	36.41	100	145	Average
3	5716.00	47.94	-26.06	74.00	42.82	34.89	6.37	36.15	100	0	Peak
4	5716.00	34.53	-19.47	54.00	29.41	34.89	6.37	36.15	138	322	Average
5 X	5795.00	86.56			81.29	34.99	6.44	36.16	100	0	Peak
6 X	5795.00	76.43			71.11	35.01	6.47	36.16	138	322	Average
7	6390.00	48.87	-25.13	74.00	42.88	35.45	6.80	36.28	100	0	Peak
8	6390.00	34.97	-19.03	54.00	28.99	35.45	6.80	36.28	138	322	Average
9	8508.00	50.04	-23.96	74.00	43.81	35.72	7.21	36.70	100	0	Peak
10	8508.00	37.63	-16.37	54.00	31.40	35.72	7.21	36.70	100	150	Average
11	11580.00	37.61	-36.39	74.00	75.13	-10.01	8.84	36.35	100	0	Peak

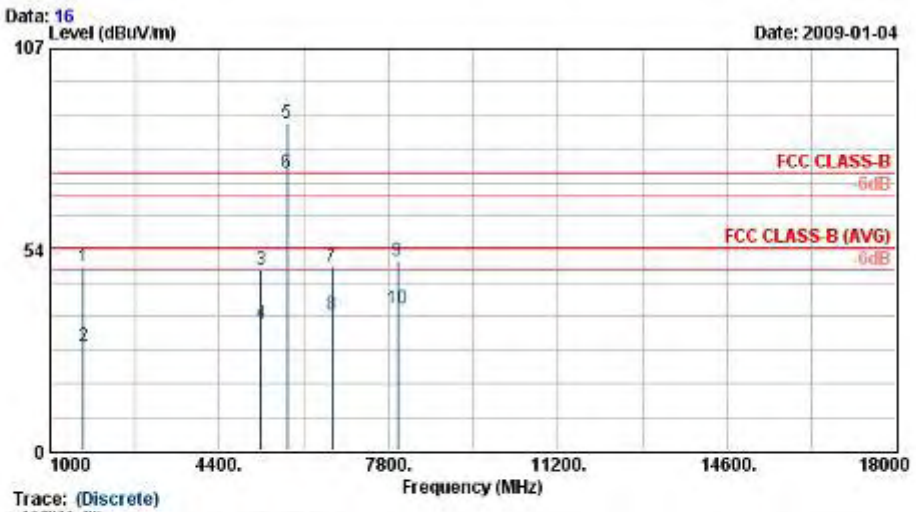
Test Mode :	Mode 39	Temperature :	23~26°C
Test Channel :	151	Relative Humidity :	42~49%
Test Engineer :	Mac Lin, Andrew Hsiao and Sun Wang	Polarization :	Horizontal
Remark :	#3 and #4 are Fundamental Signals		



Site : 03CH06-HY
Condition : FCC CLASS-B 3m HF-ANT(8-18G)_081031 HORIZONTAL
Model : FR 8N2104
Mode : 11n (40M) , Ant A+B , Tx_CH151

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	5204.00	47.97	-26.03	74.00	43.52	34.54	6.01	36.10	100	0	Peak
2	5204.00	33.77	-20.23	54.00	29.32	34.54	6.01	36.10	160	348	Average
3 X	5755.00	88.65			83.44	34.94	6.42	36.15	100	0	Peak
4 @	5755.00	76.41			71.18	34.96	6.42	36.15	160	348	Average
5	6646.00	49.56	-24.44	74.00	43.42	35.56	6.91	36.33	100	0	Peak
6	6646.00	36.00	-18.00	54.00	29.86	35.56	6.91	36.33	160	348	Average
7	8390.00	50.55	-23.45	74.00	44.31	35.70	7.25	36.70	100	0	Peak
8	8390.00	37.50	-16.50	54.00	31.25	35.70	7.25	36.70	100	336	Average

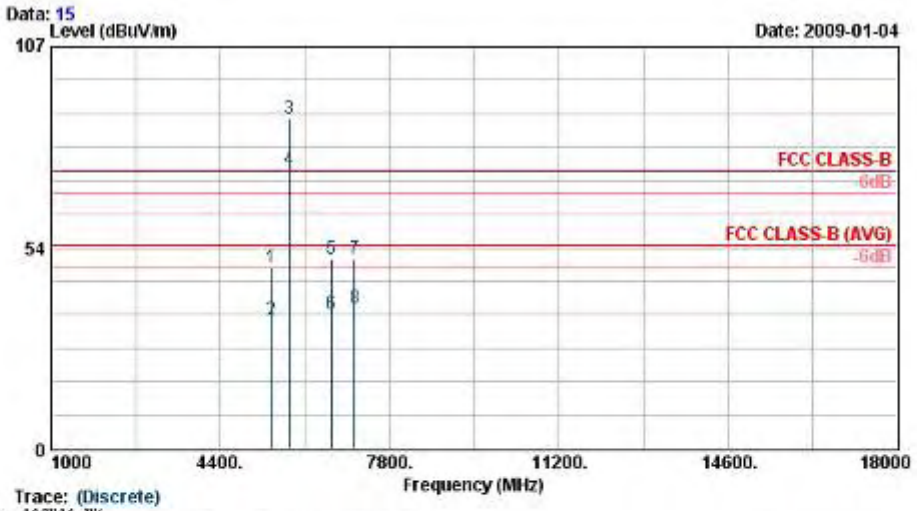
Test Mode :	Mode 39	Temperature :	23~26°C
Test Channel :	151	Relative Humidity :	42~49%
Test Engineer :	Mac Lin, Andrew Hsiao and Sun Wang	Polarization :	Vertical
Remark :	#5 and #6 are Fundamental Signals		



Site : 03CH06-HY
Condition : FCC CLASS-B 3m HF-ANT(6-18G)_081031 VERTICAL
Model : FR 8N2104
Mode : Tin (40M) , Ant A+B , Tx_CH151

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	1668.00	49.07	-24.93	74.00	53.30	29.17	3.01	36.41	100	0	Peak
2	1668.00	27.94	-26.06	54.00	32.17	29.17	3.01	36.41	100	160	Average
3	5238.00	48.01	-25.99	74.00	43.52	34.55	6.04	36.10	100	0	Peak
4	5238.00	33.90	-20.10	54.00	29.42	34.55	6.04	36.10	101	327	Average
5 X	5755.00	87.11			81.90	34.94	6.42	36.15	100	0	Peak
6 @	5755.00	74.18			68.95	34.96	6.42	36.15	101	327	Average
7	6662.00	49.05	-24.95	74.00	42.90	35.56	6.92	36.33	100	0	Peak
8	6662.00	36.01	-17.99	54.00	29.86	35.56	6.92	36.33	101	327	Average
9	7972.00	50.67	-23.33	74.00	44.18	35.69	7.50	36.69	100	0	Peak
10	7972.00	37.69	-16.31	54.00	31.20	35.69	7.50	36.69	100	51	Average

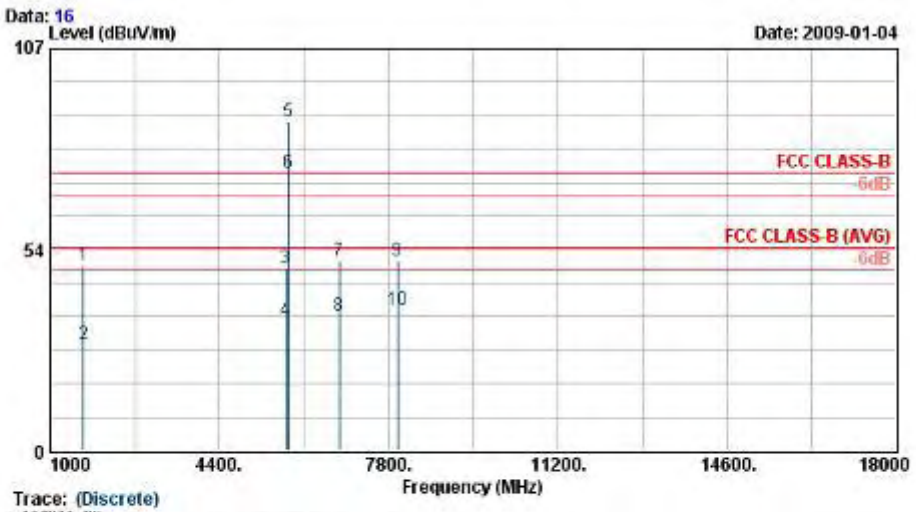
Test Mode :	Mode 40	Temperature :	23~26°C
Test Channel :	159	Relative Humidity :	42~49%
Test Engineer :	Mac Lin, Andrew Hsiao and Sun Wang	Polarization :	Horizontal
Remark :	#3 and #4 are Fundamental Signals		



Site : 03CH06-HY
Condition : FCC CLASS-B 3m VF-ANT(8-18G)_081031 HORIZONTAL
Model : FR 8N2104
Mode : Tln (40M) , Ant A+B , Tx_CH159

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	5428.00	48.03	-25.97	74.00	43.42	34.58	6.13	36.10	100	0	Peak
2	5428.00	34.11	-19.89	54.00	29.48	34.58	6.13	36.10	178	19	Average
3 X	5795.00	87.71			82.40	35.01	6.47	36.16	100	0	Peak
4 @	5795.00	74.56			69.24	35.01	6.47	36.16	178	19	Average
5	6622.00	50.50	-23.50	74.00	44.37	35.55	6.90	36.32	100	0	Peak
6	6622.00	35.97	-18.03	54.00	29.84	35.55	6.90	36.32	178	19	Average
7	7092.00	50.66	-23.34	74.00	44.31	35.67	7.12	36.44	100	0	Peak
8	7092.00	37.55	-16.45	54.00	31.20	35.67	7.12	36.44	100	106	Average

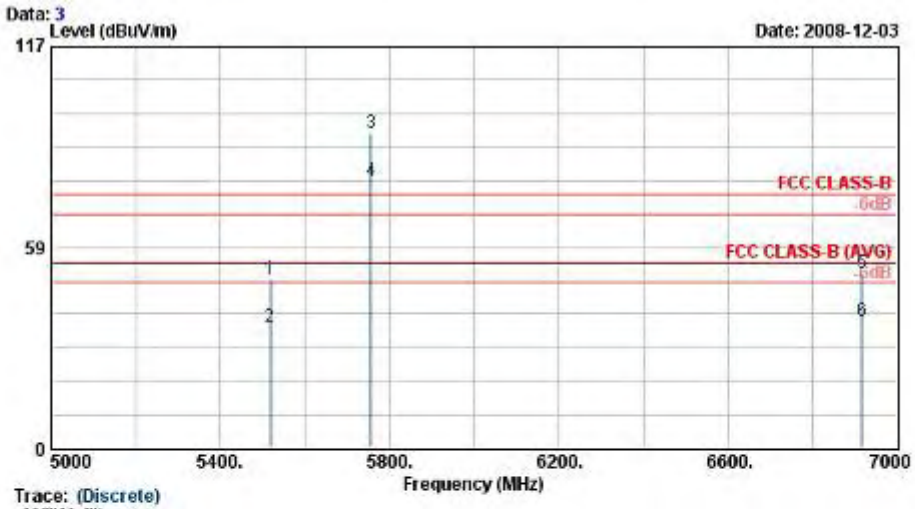
Test Mode :	Mode 40	Temperature :	23~26°C
Test Channel :	159	Relative Humidity :	42~49%
Test Engineer :	Mac Lin, Andrew Hsiao and Sun Wang	Polarization :	Vertical
Remark :	#5 and #6 are Fundamental Signals		



Site : 03CH06-HY
Condition : FCC CLASS-B 3m HF-ANT(6-18G)_081031 VERTICAL
Model : FR 8N2104
Mode : 11n (40M) , Ant A+B , Tx_CH159

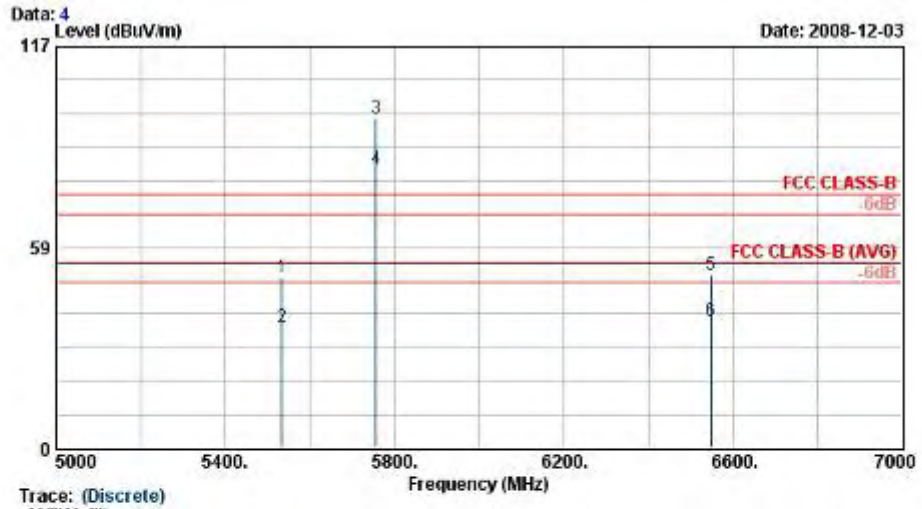
	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	1662.00	49.49	-24.51	74.00	53.71	29.17	3.01	36.41	100	0	Peak
2	1662.00	28.43	-25.57	54.00	32.66	29.17	3.01	36.41	100	177	Average
3	5734.00	48.43	-25.57	74.00	43.27	34.91	6.40	36.15	100	0	Peak
4	5734.00	34.57	-19.43	54.00	29.41	34.91	6.40	36.15	108	326	Average
5 X	5795.00	87.45			82.18	34.99	6.44	36.16	100	0	Peak
6 @	5795.00	73.86			68.54	35.01	6.47	36.16	108	326	Average
7	6804.00	50.51	-23.49	74.00	44.26	35.62	6.99	36.36	100	0	Peak
8	6804.00	35.74	-18.26	54.00	29.49	35.62	6.99	36.36	108	326	Average
9	7982.00	50.65	-23.35	74.00	44.14	35.69	7.51	36.70	100	0	Peak
10	7982.00	37.59	-16.41	54.00	31.08	35.69	7.51	36.70	100	99	Average

Test Mode :	Mode 41	Temperature :	23~26°C
Test Channel :	151	Relative Humidity :	42~49%
Test Engineer :	Mac Lin, Andrew Hsiao and Sun Wang	Polarization :	Horizontal
Remark :	#3 and #4 are Fundamental Signals		



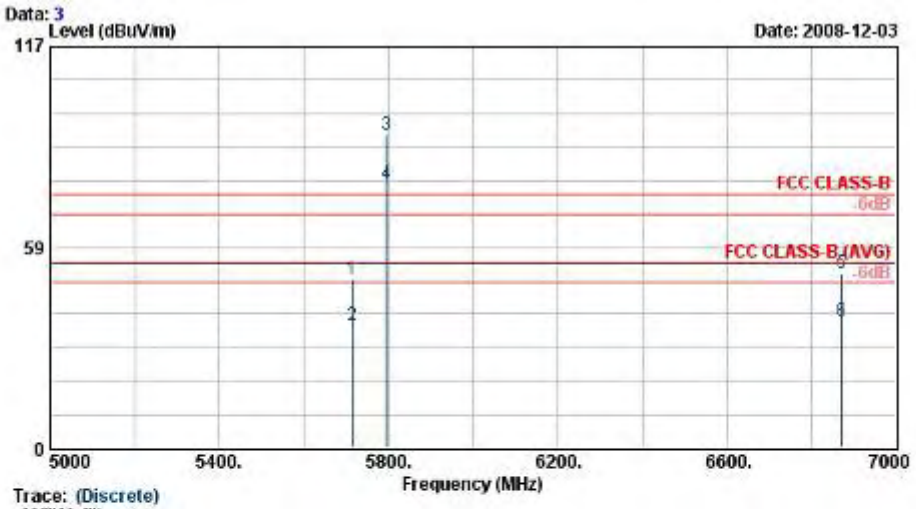
	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	5518.00	49.34	-24.66	74.00	44.63	34.62	6.19	36.11	100	0	Peak
2	5518.00	35.21	-18.79	54.00	30.50	34.62	6.19	36.11	102	8	Average
3 X	5755.00	81.77			86.56	34.94	6.42	36.15	100	0	Peak
4 X	5755.00	77.96			72.73	34.96	6.42	36.15	102	8	Average
5	6916.00	50.88	-23.12	74.00	44.56	35.67	7.04	36.38	100	0	Peak
6	6916.00	36.86	-17.14	54.00	30.54	35.67	7.04	36.38	102	8	Average

Test Mode :	Mode 41	**Temperature :**	23~26°C
Test Channel :	151	**Relative Humidity :**	42~49%
Test Engineer :	Mac Lin, Andrew Hsiao and Sun Wang	**Polarization :**	Vertical
Remark :	#3 and #4 are Fundamental Signals		



	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	5534.00	49.49	-24.51	74.00	44.74	34.65	6.21	36.11	100	0	Peak
2	5534.00	35.41	-18.59	54.00	30.66	34.65	6.21	36.11	103	73	Average
3 X	5755.00	85.95			80.74	34.94	6.42	36.15	100	0	Peak
4 @	5755.00	81.17			75.94	34.96	6.42	36.15	103	73	Average
5	6548.00	50.62	-23.38	74.00	44.56	35.51	6.86	36.31	100	0	Peak
6	6548.00	37.03	-16.97	54.00	30.96	35.51	6.86	36.31	103	73	Average

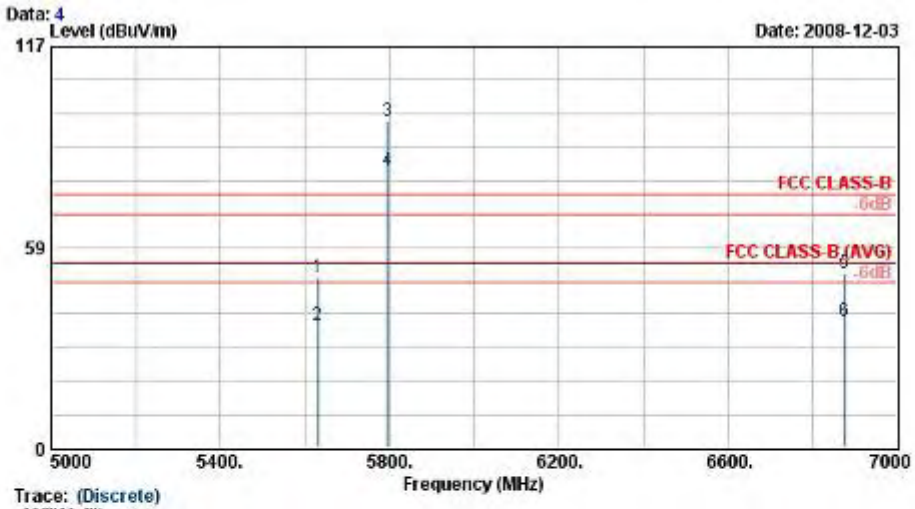
Test Mode :	Mode 42	**Temperature :**	23~26°C
Test Channel :	159	**Relative Humidity :**	42~49%
Test Engineer :	Mac Lin, Andrew Hsiao and Sun Wang	**Polarization :**	Horizontal
Remark :	#3 and #4 are Fundamental Signals		



Site : 03CH06-HV
Condition : FCC CLASS-B 3m RF-ANT_080821 HORIZONTAL
Model : FR 8N2104

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	5716.00	49.33	-24.67	74.00	44.22	34.89	6.37	36.15	100	0	Peak
2	5716.00	35.76	-18.24	54.00	30.64	34.89	6.37	36.15	127	58	Average
3 X	5795.00	81.21			85.84	34.99	6.44	36.16	100	0	Peak
4 X	5795.00	76.81			71.49	35.01	6.47	36.16	127	58	Average
5	6870.00	51.10	-22.90	74.00	44.80	35.64	7.03	36.37	100	0	Peak
6	6870.00	36.86	-17.14	54.00	30.56	35.64	7.03	36.37	127	58	Average

Test Mode :	Mode 42	Temperature :	23~26°C
Test Channel :	159	Relative Humidity :	42~49%
Test Engineer :	Mac Lin, Andrew Hsiao and Sun Wang	Polarization :	Vertical
Remark :	#3 and #4 are Fundamental Signals		



Site : 03CH06-HV
Condition : FCC CLASS-B 3m RF-ANT_080821 VERTICAL
Model : FR 8N2104

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	5630.00	49.58	-24.42	74.00	44.64	34.77	6.31	36.13	100	0	Peak
2	5630.00	35.66	-18.34	54.00	30.72	34.77	6.31	36.13	102	73	Average
3 X	5795.00	85.19			88.82	34.99	6.44	36.16	100	0	Peak
4 @	5795.00	80.79			75.47	35.01	6.47	36.16	102	73	Average
5	6876.00	50.99	-23.01	74.00	44.68	35.65	7.03	36.37	100	0	Peak
6	6876.00	36.89	-17.11	54.00	30.58	35.65	7.03	36.37	102	73	Average

3.7 Antenna Requirements

3.7.1 Standard Applicable

If directional gain of transmitting antennas is greater than 6dBi, the power shall be reduced by the same level in dB comparing to gain minus 6dBi. For the fixed point-to-point operation, the power shall be reduced by one dB for every 3 dB that the directional gain of the antenna exceeds 6 dBi.

The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the FCC rule.

3.7.2 Antenna Connected Construction

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

3.7.3 Antenna Gain

The antenna peak gain of EUT 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)
DC- LISN	R&S	ESH3-26	1000485	0.1MHz~200MHz	Feb. 04, 2008	Feb. 03, 2009	Conduction (CO05-HY)
DC- LISN	R&S	ESH3-26	1000484	0.1MHz~200MHz	Feb. 04, 2008	Feb. 03, 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~1000MHz	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
Combined standard uncertainty Uc(y)	**1.13**		
Measuring uncertainty for a level of confidence of 95% U=2Uc(y)	**2.26**		

Uncertainty of Radiated Emission Measurement (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
Combined standard uncertainty Uc(y)	**1.27**		
Measuring uncertainty for a level of confidence of 95% U=2Uc(y)	**2.54**		

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

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

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

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

P1, 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.