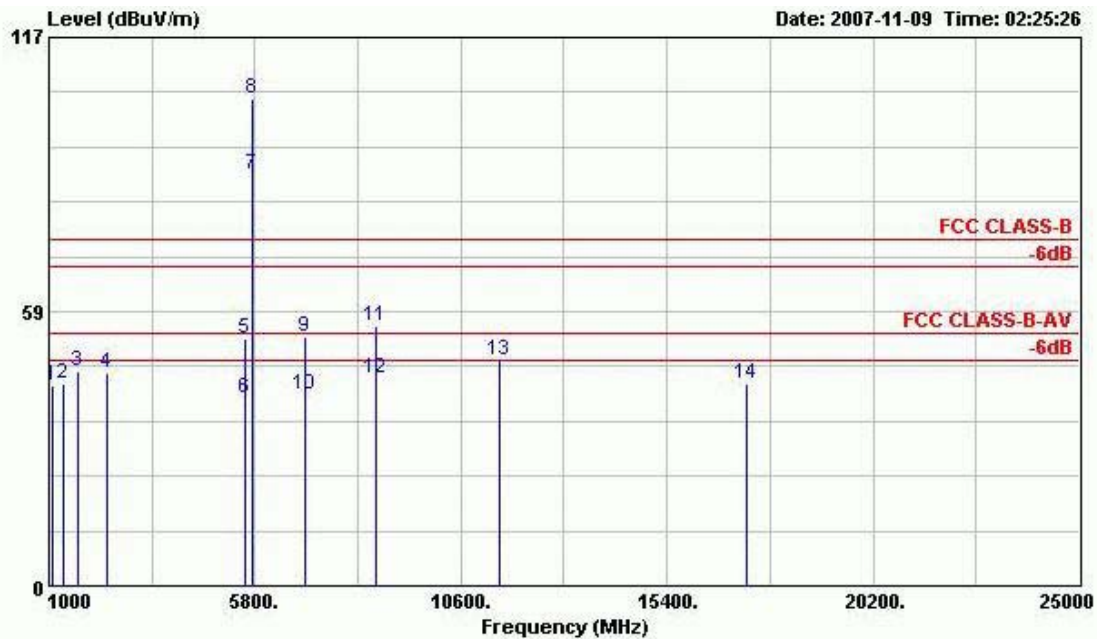




Site : 03CH04-HY
Condition: FCC CLASS-B 3m HF-ANT-6903 VERTICAL
EUT : N/B
POWER : 120Vac/60Hz
MODEL : FR 701819
MEMO : 11a Tx_Ch149;5745MHz
Data Rate: 9

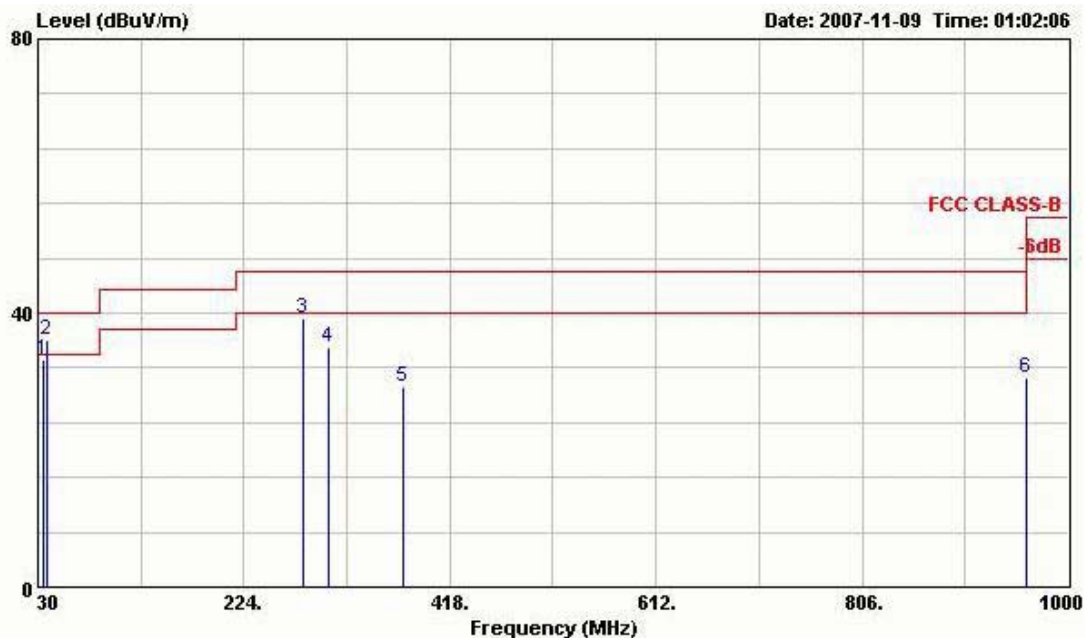
	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	Ant	Table	
	MHz	dBuV/m	Limit	Line	Level	Factor	Loss	Factor	Pos	Pos
			dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1	1084.000	42.85	-31.15	74.00	50.59	24.22	2.34	34.30	100	0 Peak
2	1332.000	42.99	-31.01	74.00	49.44	24.90	2.60	33.95	100	0 Peak
3	1662.000	45.76	-28.24	74.00	50.56	25.93	2.97	33.70	100	0 Peak
4	2334.000	45.55	-28.45	74.00	47.71	27.92	3.69	33.77	100	0 Peak
5	5582.000	52.68	-21.32	74.00	46.89	33.85	6.01	34.08	100	0 Peak
6	5582.000	40.17	-13.83	54.00	34.38	33.85	6.01	34.08	120	177 Average
7 @	5745.000	87.80			81.88	33.94	6.02	34.05	120	177 Average
8 X	5745.000	103.85			97.93	33.94	6.02	34.05	100	0 Peak
9	6974.000	52.95	-21.05	74.00	43.99	35.13	6.35	32.52	100	0 Peak
10	6974.000	40.63	-13.37	54.00	31.67	35.13	6.35	32.52	120	177 Average
11	8622.000	55.54	-18.46	74.00	45.32	37.64	7.08	34.50	100	0 Peak
12	8622.000	44.36	-9.64	54.00	34.14	37.64	7.08	34.50	100	214 Average
13	11493.000	47.97	-26.03	74.00	86.15	-11.73	7.84	34.30	100	0 Peak
14	17238.000	42.93	-31.07	74.00	78.40	-11.11	9.44	33.80	100	0 Peak

Remark: #7 and #8 Fundamental Signal



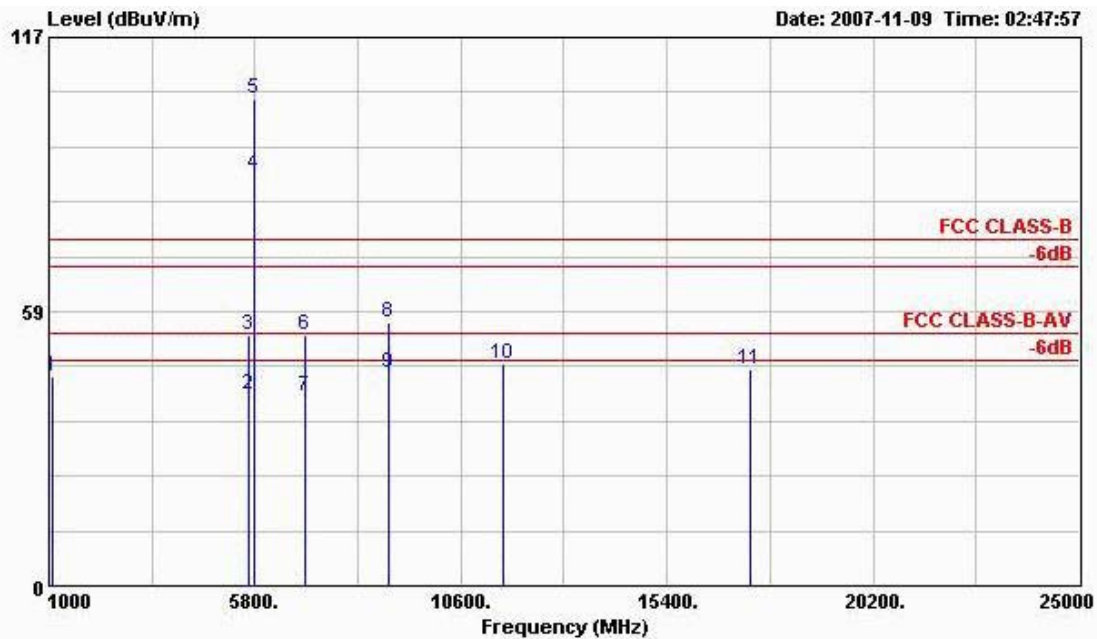
- Test Mode : Mode 8
- Polarization : Horizontal

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



Site : 03CH04-HY
 Condition: FCC CLASS-B 3m ANT2724 HORIZONTAL
 EUT : N/B
 POWER : 120Vac/60Hz
 MODEL : FR 701819
 MOME : 11a Tx_Ch157;5785MHz
 Data Rate: 9

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark	
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	35.130	33.22	-6.78	40.00	44.28	16.29	0.91	28.26	---	---	Peak
2	38.370	35.97	-4.03	40.00	50.58	12.71	0.95	28.27	100	146	Peak
3	279.210	39.29	-6.71	46.00	52.35	12.42	2.16	27.64	---	---	Peak
4	304.200	34.89	-11.11	46.00	47.79	12.48	2.25	27.63	---	---	Peak
5	374.200	29.28	-16.72	46.00	40.03	14.88	2.49	28.12	---	---	Peak
6	960.100	30.47	-23.53	54.00	30.13	25.04	3.99	28.68	---	---	Peak



Site : 03CH04-HY
Condition: FCC CLASS-B 3m HF-ANT-6903 HORIZONTAL
EUT : N/B
POWER : 120Vac/60Hz
MODEL : FR 701819
MOME : 11a Tx_Ch157;5785MHz
Data Rate: 9

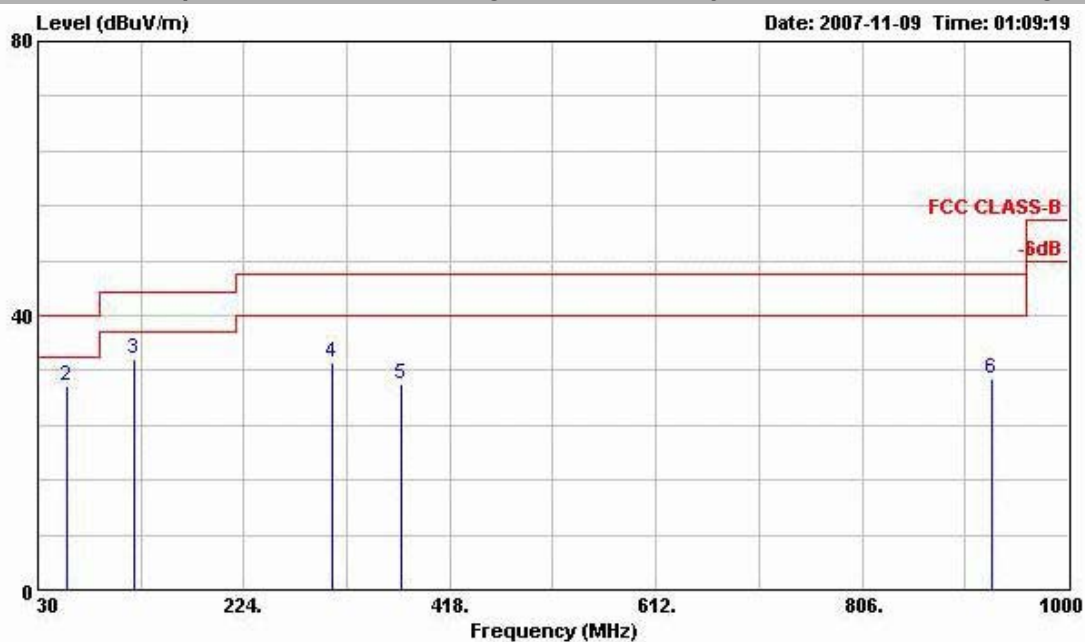
	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	Ant	Table	
	MHz	dBuV/m	Limit	Line	Level	Loss	Factor	Pos	Pos	Remark
			dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1	1094.000	44.60	-29.40	74.00	52.26	24.27	2.34	34.26	100	0 Peak
2	5662.000	40.60	-13.40	54.00	34.76	33.89	6.02	34.07	117	340 Average
3	5662.000	53.48	-20.52	74.00	47.64	33.89	6.02	34.07	100	0 Peak
4 @	5785.000	87.74			81.79	33.97	6.02	34.04	117	340 Average
5 X	5785.000	103.97			98.02	33.97	6.02	34.04	100	0 Peak
6	6950.000	53.57	-20.43	74.00	44.67	35.10	6.34	32.54	100	0 Peak
7	6950.000	40.40	-13.60	54.00	31.50	35.10	6.34	32.54	117	340 Average
8	8934.000	56.20	-17.80	74.00	45.67	38.02	7.25	34.74	100	0 Peak
9	8934.000	45.47	-8.53	54.00	34.94	38.02	7.25	34.74	100	257 Average
10	11574.000	47.39	-26.61	74.00	85.36	-11.49	7.85	34.33	100	0 Peak
11	17358.000	46.30	-27.70	74.00	82.13	-11.61	9.54	33.76	100	0 Peak

Remark: #4 and #5 Fundamental Signal



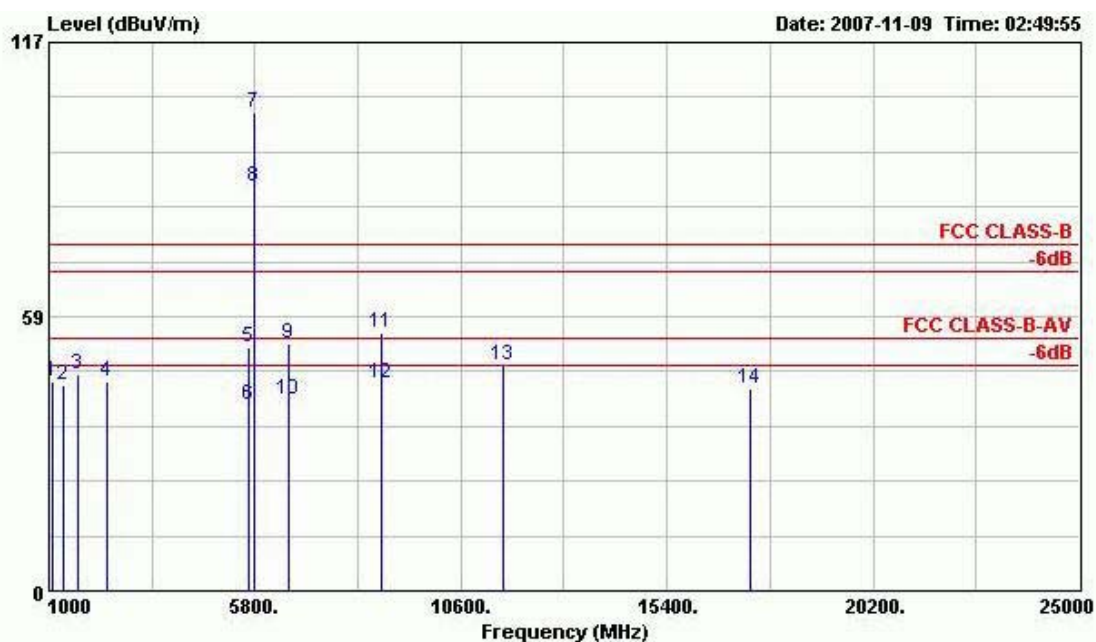
- Polarization : Vertical

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



Site : 03CH04-HY
 Condition: FCC CLASS-B 3m ANT2724 VERTICAL
 EUT : N/B
 POWER : 120Vac/60Hz
 MODEL : FR 701819
 MOME : 11a Tx_Ch157;5785MHz
 Data Rate: 9

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	30.540	29.95	-10.05	40.00	40.97	16.36	0.87	28.25	---	---	Peak
2	57.540	29.79	-10.21	40.00	52.50	4.49	1.09	28.28	---	---	Peak
3	120.180	33.76	-9.74	43.50	49.67	10.74	1.47	28.12	100	168	Peak
4	307.700	33.27	-12.73	46.00	46.08	12.58	2.27	27.66	---	---	Peak
5	372.100	29.87	-16.13	46.00	40.68	14.81	2.48	28.11	---	---	Peak
6	928.600	30.77	-15.23	46.00	31.32	24.23	3.97	28.74	---	---	Peak



Site : 03CH04-HY
Condition: FCC CLASS-B 3m HF-ANT-6903 VERTICAL
EUT : N/B
POWER : 120Vac/60Hz
MODEL : FR 701819
MOM : 11a Tx_Ch157;5785MHz
Data Rate: 9

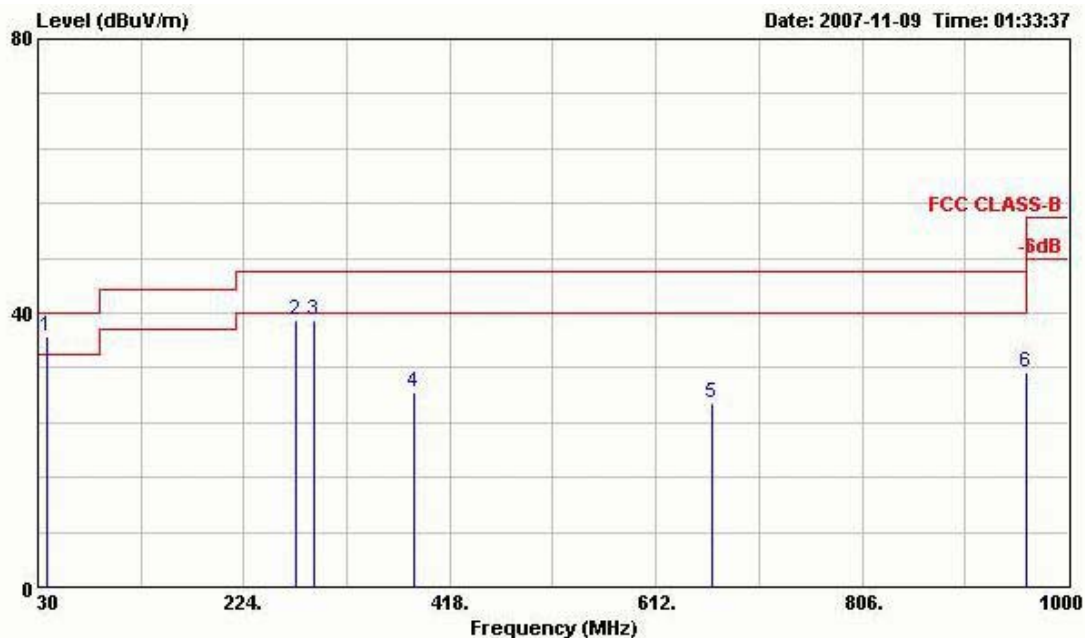
	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	Ant	Table	
	MHz	dBuV/m	Limit	Line	Level	Factor	Loss	Factor	Pos	Pos
			dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1	1084.000	44.70	-29.30	74.00	52.44	24.22	2.34	34.30	100	0 Peak
2	1334.000	43.97	-30.03	74.00	50.42	24.90	2.60	33.95	100	0 Peak
3	1662.000	46.02	-27.98	74.00	50.82	25.93	2.97	33.70	100	0 Peak
4	2334.000	44.74	-29.26	74.00	46.90	27.92	3.69	33.77	100	0 Peak
5	5662.000	51.95	-22.05	74.00	46.11	33.89	6.02	34.07	100	0 Peak
6	5662.000	39.75	-14.25	54.00	33.91	33.89	6.02	34.07	146	9 Average
7 X	5785.000	102.10			96.15	33.97	6.02	34.04	100	0 Peak
8 @	5785.000	86.39			80.44	33.97	6.02	34.04	146	9 Average
9	6588.000	52.90	-21.10	74.00	45.14	34.37	6.23	32.84	100	0 Peak
10	6588.000	40.92	-13.08	54.00	33.16	34.37	6.23	32.84	146	9 Average
11	8742.000	54.99	-19.01	74.00	44.66	37.78	7.15	34.60	100	0 Peak
12	8742.000	44.21	-9.79	54.00	33.88	37.78	7.15	34.60	100	138 Average
13	11568.000	47.96	-26.04	74.00	85.92	-11.49	7.85	34.32	100	0 Peak
14	17358.000	42.92	-31.08	74.00	78.75	-11.61	9.54	33.76	100	0 Peak

Remark: #7 and #8 Fundamental Signal



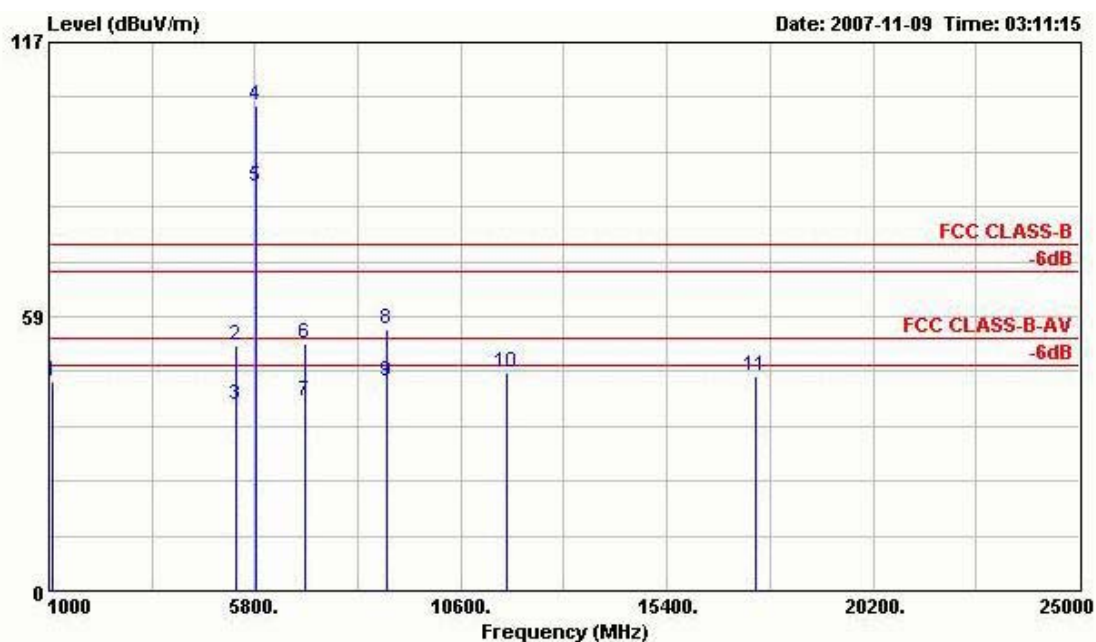
- Test Mode : Mode 9
- Polarization : Horizontal

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



Site : 03CH04-HY
 Condition: FCC CLASS-B 3m ANT2724 HORIZONTAL
 EUT : N/B
 POWER : 120Vac/60Hz
 MODEL : FR 701819
 MOME : 11a Tx_Ch165;5825MHz
 Data Rate: 9

	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	Ant	Table	
	MHz	dBuV/m	Limit	Line	Level	Loss	Factor	Pos	Pos	Remark
			dB	dBuV/m	dBuV	dB/m	dB	cm	deg	
1 !	38.370	36.67	-3.33	40.00	51.28	12.71	0.95	28.27	100	187 Peak
2	273.540	38.99	-7.01	46.00	52.06	12.45	2.14	27.65	---	Peak
3	290.010	39.01	-6.99	46.00	52.06	12.36	2.21	27.62	---	Peak
4	383.300	28.30	-17.70	46.00	38.78	15.18	2.52	28.18	---	Peak
5	665.400	26.74	-19.26	46.00	32.34	20.06	3.45	29.10	---	Peak
6	960.100	31.31	-22.69	54.00	30.97	25.04	3.99	28.68	---	Peak



Site : 03CH04-HY
Condition: FCC CLASS-B 3m HF-ANT-6903 HORIZONTAL
EUT : N/B
POWER : 120Vac/60Hz
MODEL : FR 701819
MOM : 11a Tx_Ch165;5825MHz
Data Rate: 9

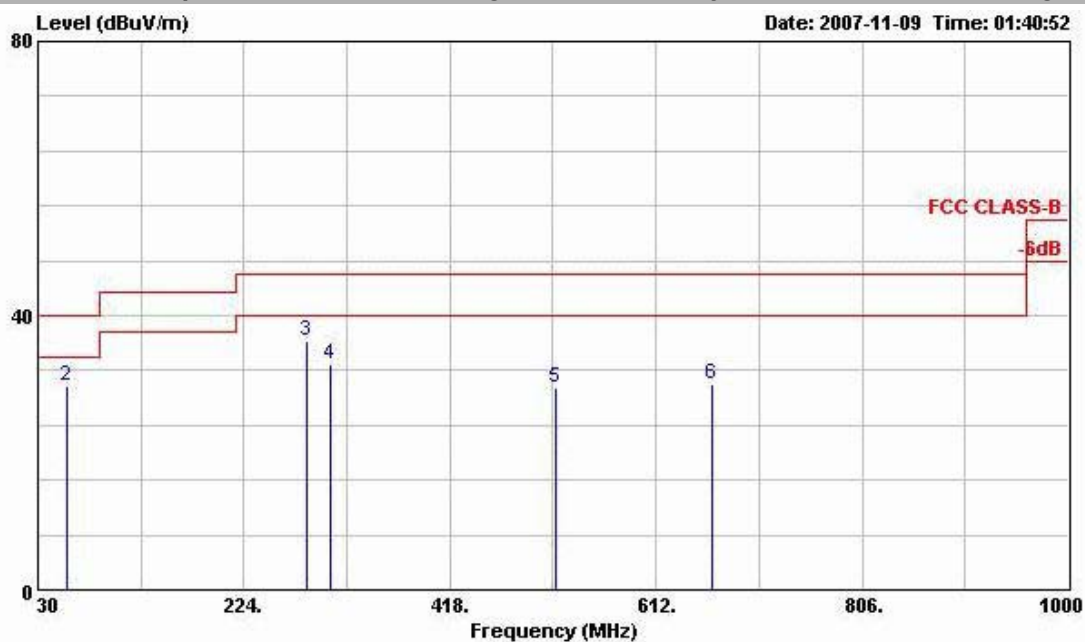
	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	Ant	Table	
	MHz	dBuV/m	Limit	Line	Level	Factor	Loss	Factor	Pos	Pos Remark
			dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1	1100.000	44.66	-29.34	74.00	52.32	24.27	2.34	34.26	100	0 Peak
2	5342.000	52.20	-21.80	74.00	46.76	33.60	6.00	34.16	100	0 Peak
3	5342.000	39.52	-14.48	54.00	34.08	33.60	6.00	34.16	100	9 Average
4 X	5825.000	103.65			97.67	34.00	6.02	34.04	100	0 Peak
5 @	5825.000	86.34			80.36	34.00	6.02	34.04	100	9 Average
6	6958.000	52.68	-21.32	74.00	43.76	35.10	6.34	32.52	100	0 Peak
7	6958.000	40.50	-13.50	54.00	31.58	35.10	6.34	32.52	100	9 Average
8	8876.000	55.62	-18.38	74.00	45.17	37.94	7.21	34.70	100	0 Peak
9	8876.000	44.54	-9.46	54.00	34.09	37.94	7.21	34.70	100	114 Average
10	11646.000	46.59	-27.41	74.00	84.23	-11.14	7.86	34.35	100	0 Peak
11	17478.000	45.96	-28.04	74.00	82.14	-12.12	9.64	33.71	100	0 Peak

Remark: #4 and #5 Fundamental Signal



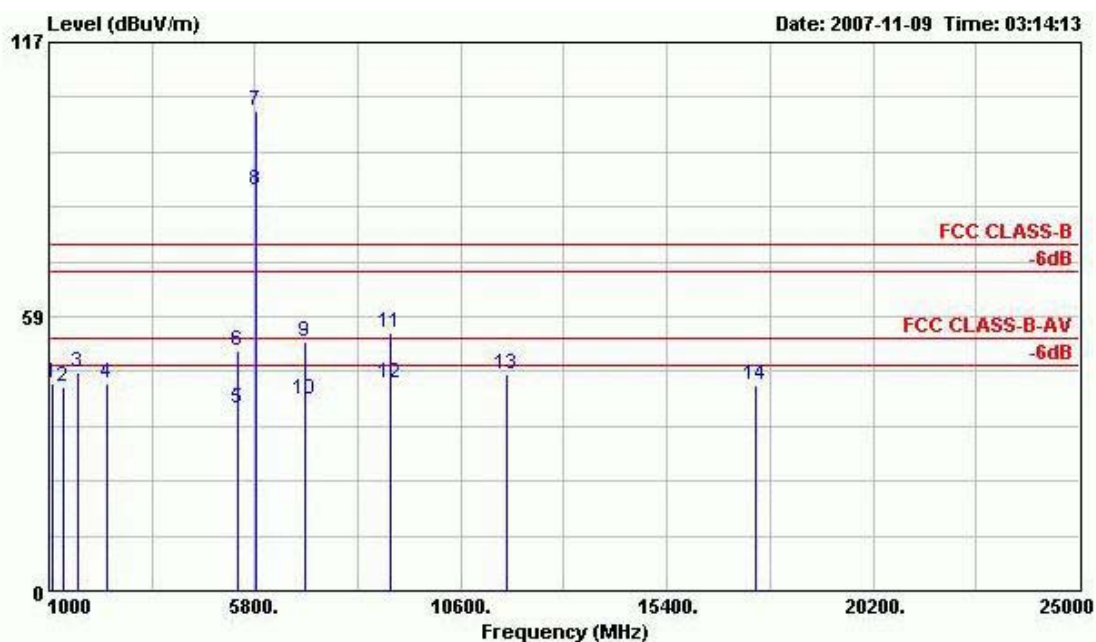
- Polarization : Vertical

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



Site : 03CH04-HY
 Condition: FCC CLASS-B 3m ANT2724 VERTICAL
 EUT : N/B
 POWER : 120Vac/60Hz
 MODEL : FR 701819
 MOME : 11a Tx_Ch165;5825MHz
 Data Rate: 9

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	30.540	29.25	-10.75	40.00	40.27	16.36	0.87	28.25	---	---	Peak
2	57.540	29.66	-10.34	40.00	52.37	4.49	1.09	28.28	---	---	Peak
3	283.260	36.27	-9.73	46.00	49.33	12.40	2.18	27.63	100	117	Peak
4	304.900	32.80	-13.20	46.00	45.70	12.48	2.26	27.63	---	---	Peak
5	517.700	29.50	-16.50	46.00	38.21	17.43	2.88	29.02	---	---	Peak
6	665.400	29.98	-16.02	46.00	35.58	20.06	3.45	29.10	---	---	Peak



Site : 03CH04-HY
Condition: FCC CLASS-B 3m HF-ANT-6903 VERTICAL
EUT : N/B
POWER : 120Vac/60Hz
MODEL : FR 701819
MOM : 11a Tx_Ch165;5825MHz
Data Rate: 9

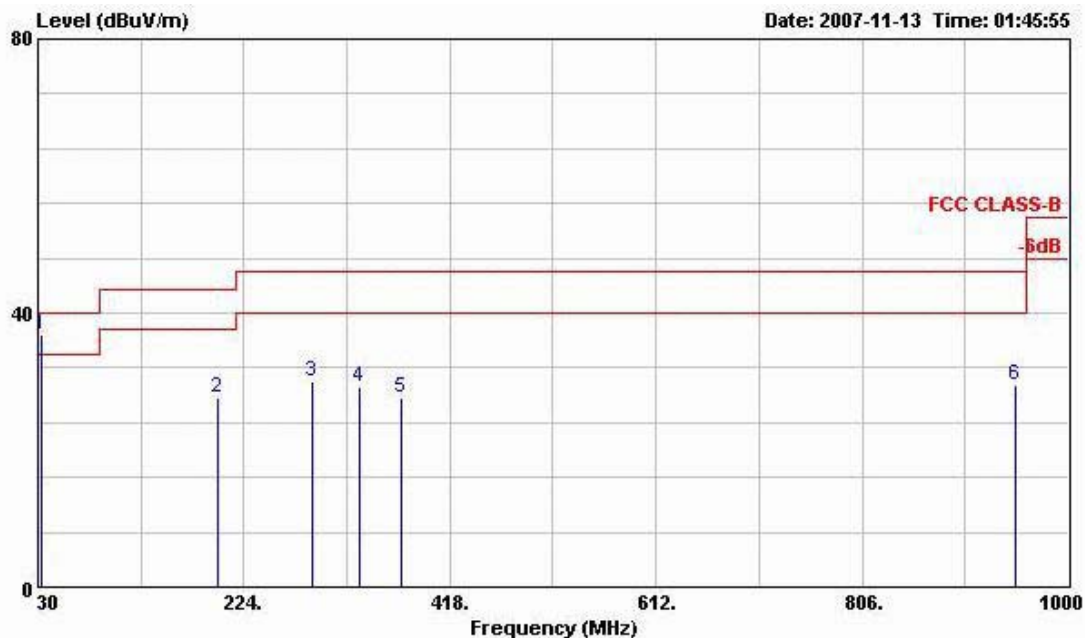
	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	Ant	Table	
	MHz	dBuV/m	Limit	Line	Level	Loss	Factor	Pos	Pos	Remark
			dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1	1094.000	44.22	-29.78	74.00	51.88	24.27	2.34	34.26	100	0 Peak
2	1332.000	43.37	-30.63	74.00	49.82	24.90	2.60	33.95	100	0 Peak
3	1668.000	46.50	-27.50	74.00	51.30	25.93	2.97	33.70	100	0 Peak
4	2334.000	44.11	-29.89	74.00	46.27	27.92	3.69	33.77	100	0 Peak
5	5420.000	38.79	-15.21	54.00	33.21	33.70	6.01	34.13	127	8 Average
6	5420.000	51.04	-22.96	74.00	45.46	33.70	6.01	34.13	100	0 Peak
7 X	5825.000	102.54			96.56	34.00	6.02	34.04	100	0 Peak
8 @	5825.000	85.36			79.38	34.00	6.02	34.04	127	8 Average
9	6982.000	53.23	-20.77	74.00	44.21	35.17	6.35	32.50	100	0 Peak
10	6982.000	40.65	-13.35	54.00	31.63	35.17	6.35	32.50	127	8 Average
11	8974.000	55.20	-18.80	74.00	44.66	38.06	7.26	34.78	100	0 Peak
12	8974.000	44.12	-9.88	54.00	33.58	38.06	7.26	34.78	100	131 Average
13	11654.000	46.17	-27.83	74.00	83.82	-11.14	7.86	34.36	100	0 Peak
14	17478.000	44.05	-29.95	74.00	80.23	-12.12	9.64	33.71	100	0 Peak

Remark: #7 and #8 Fundamental Signal



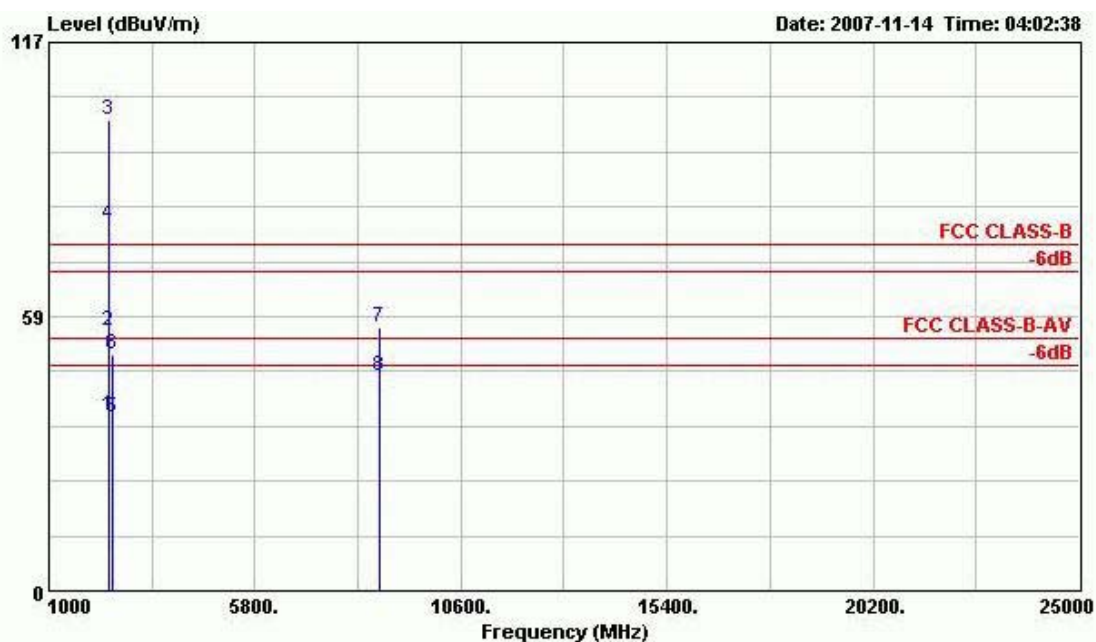
- Test Mode : Mode 10
- Polarization : Horizontal

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



Site : 03CH04-HY
 Condition: FCC CLASS-B 3m ANT2724 HORIZONTAL
 EUT : N/B
 POWER : 120Vac/60Hz
 MODEL : FR 701819
 MEMO : 11n(g) TX(20M)_CH01;2412MHz
 Data Rate: 48

	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	Ant	Table	
	MHz	dBuV/m	Limit	Line	Level	Loss	Factor	Pos	Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1	32.700	36.97	-3.03	40.00	48.01	16.33	0.90	28.26	100	285 Peak
2	199.290	27.52	-15.98	43.50	44.73	8.72	1.88	27.80	---	---
3	287.850	29.88	-16.12	46.00	42.94	12.37	2.19	27.62	---	---
4	332.200	29.20	-16.80	46.00	41.23	13.45	2.35	27.82	---	---
5	372.100	27.64	-18.36	46.00	38.45	14.81	2.48	28.11	---	---
6	951.000	29.50	-16.50	46.00	29.42	24.79	3.98	28.70	---	---



Site : 03CH04-HY
Condition: FCC CLASS-B 3m HF-ANT-6903 HORIZONTAL
EUT : N/B
POWER : 120Vac/60Hz
MODEL : FR 701819
MEMO : 11n(g) TX(20M)_CH01;2412MHz
Data Rate: 48

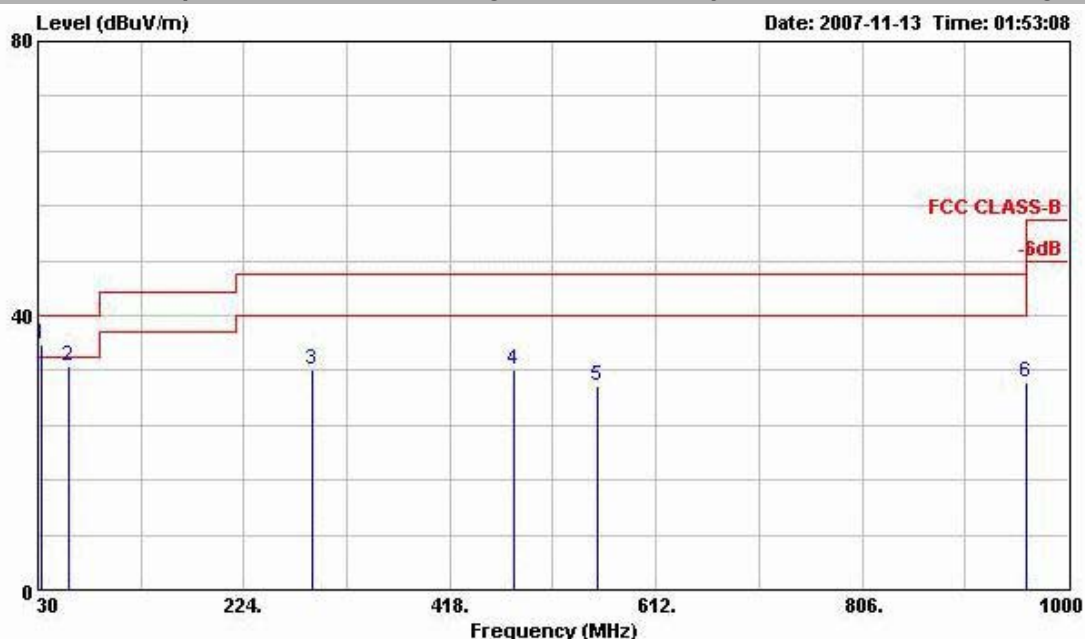
	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	Ant	Table	
	MHz	dBuV/m	Limit	Line	Level	Factor	Loss	Factor	Pos	Pos Remark
			dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1	2390.000	37.50	-16.50	54.00	39.47	28.07	3.74	33.78	100	99 Average
2	2390.000	55.34	-18.66	74.00	57.31	28.07	3.74	33.78	100	0 Peak
3 @	2412.000	100.37			102.28	28.11	3.76	33.78	100	0 Peak
4 @	2412.000	78.22			80.13	28.11	3.76	33.78	100	99 Average
5	2484.000	36.79	-17.21	54.00	38.49	28.26	3.84	33.80	100	99 Average
6	2484.000	50.47	-23.53	74.00	52.17	28.26	3.84	33.80	100	0 Peak
7	8718.000	56.05	-17.95	74.00	45.74	37.76	7.13	34.58	100	0 Peak
8	8718.000	45.73	-8.27	54.00	35.42	37.76	7.13	34.58	100	247 Average

Remark: #3 and #4 Fundamental Signal



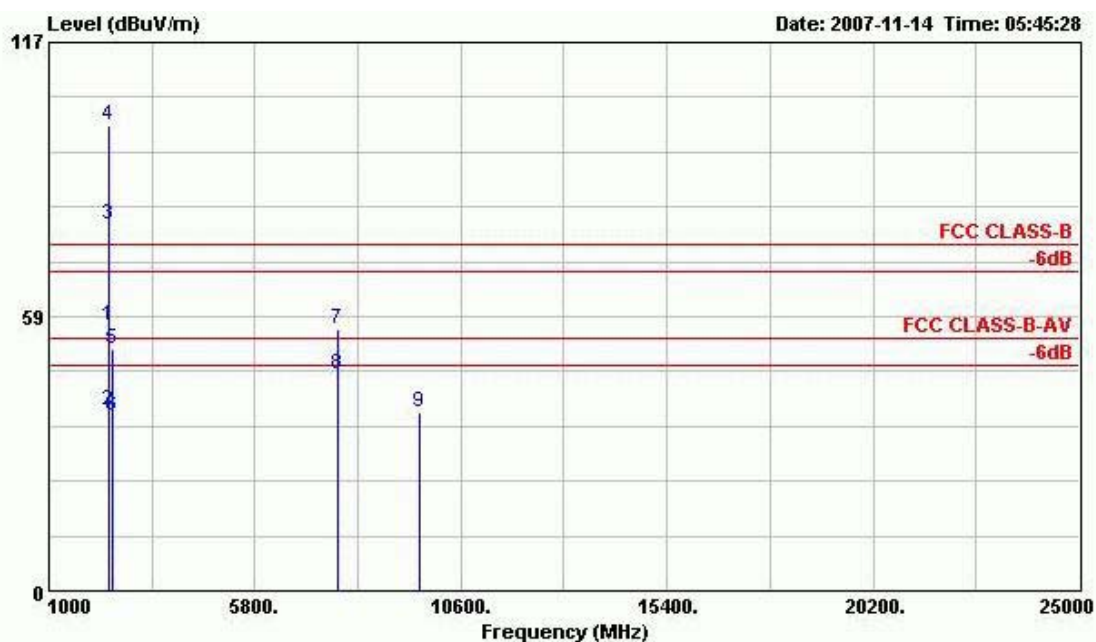
- Polarization : Vertical

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



Site : 03CH04-HY
 Condition: FCC CLASS-B 3m ANT2724 VERTICAL
 EUT : N/B
 POWER : 120Vac/60Hz
 MODEL : FR 701819
 MEMO : 11n(g) TX(20M)_CH01;2412MHz
 Data Rate: 48

	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	Ant	Table	
	MHz	dBuV/m	Limit	Line	Level	Factor	Loss	Factor	Pos	Pos Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1 !	32.700	35.84	-4.16	40.00	46.88	16.33	0.90	28.26	100	185 Peak
2	58.620	32.69	-7.31	40.00	56.11	3.76	1.10	28.28	---	---
3	287.850	32.22	-13.78	46.00	45.28	12.37	2.19	27.62	---	---
4	478.500	32.00	-14.00	46.00	41.42	16.65	2.77	28.85	---	---
5	556.900	29.74	-16.26	46.00	37.19	18.59	3.02	29.06	---	---
6	960.100	30.28	-23.72	54.00	29.94	25.04	3.99	28.68	---	---



Site : 03CH04-HY
Condition: FCC CLASS-B 3m HF-ANT-6903 VERTICAL
EUT : N/B
POWER : 120Vac/60Hz
MODEL : FR 701819
MEMO : 11n(g) TX(20M)_CH01;2412MHz
Data Rate: 48

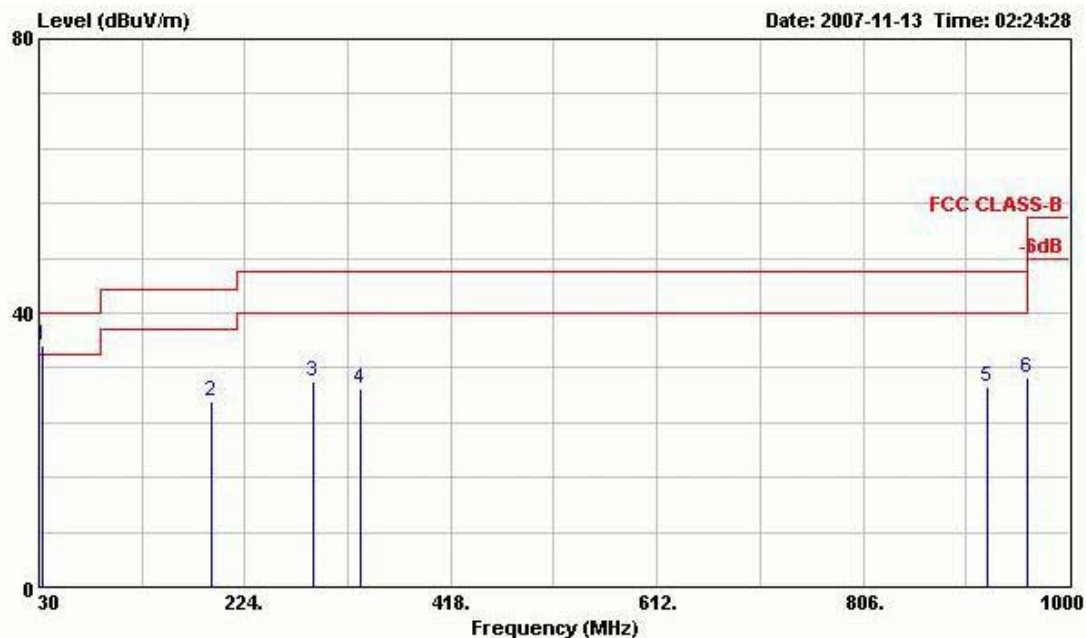
	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	Ant	Table	
	MHz	dBuV/m	Limit	Line	Level	Factor	Loss	Factor	Pos	Pos Remark
			dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1	2390.000	56.43	-17.57	74.00	58.40	28.07	3.74	33.78	100	0 Peak
2	2390.000	38.44	-15.56	54.00	40.41	28.07	3.74	33.78	100	101 Average
3 @	2412.000	78.31			80.22	28.11	3.76	33.78	100	101 Average
4 @	2412.000	99.22			101.13	28.11	3.76	33.78	100	0 Peak
5	2494.000	51.55	-22.45	74.00	53.21	28.30	3.84	33.80	100	0 Peak
6	2494.000	37.27	-16.73	54.00	38.93	28.30	3.84	33.80	100	101 Average
7	7722.000	55.78	-18.22	74.00	46.27	36.57	6.65	33.71	100	0 Peak
8	7722.000	46.27	-7.73	54.00	36.76	36.57	6.65	33.71	100	351 Average
9	9645.000	37.96	-36.04	74.00	75.45	-10.09	7.60	35.00	100	0 Peak

Remark: #3 and #4 Fundamental Signal



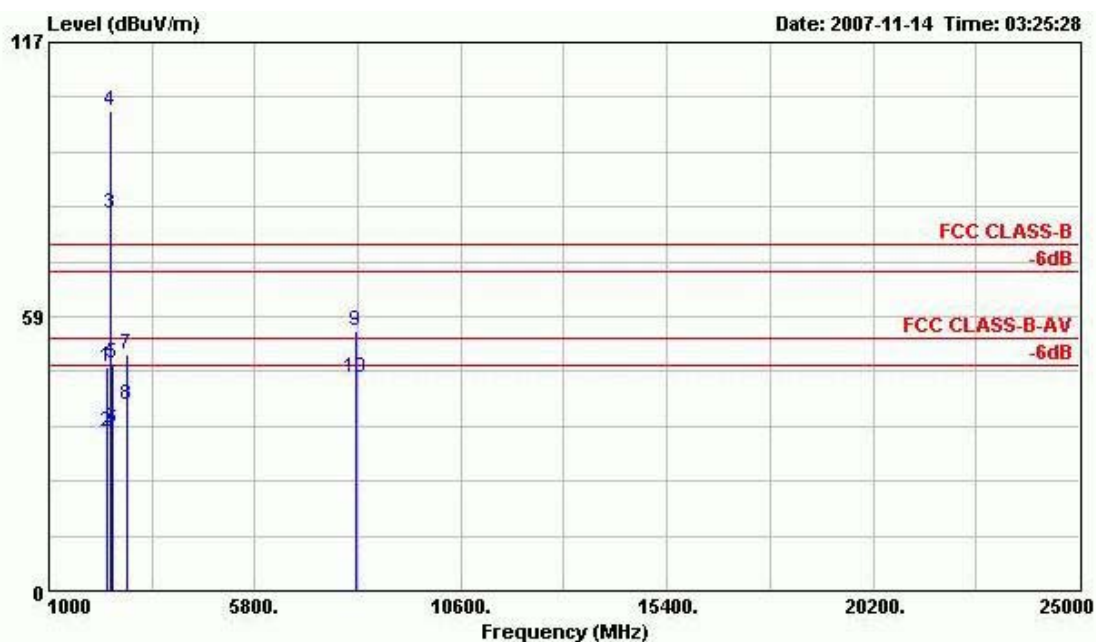
- Test Mode : Mode 11
- Polarization : Horizontal

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



Site : 03CH04-HY
 Condition: FCC CLASS-B 3m ANT2724 HORIZONTAL
 EUT : N/B
 POWER : 120Vac/60Hz
 MODEL : FR 701819
 MEMO : 11n(g) TX(20M)_CH06;2437MHz
 Data Rate: 48

	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	Ant	Table	
	MHz	dBuV/m	Limit	Line	Level	Loss	Factor	Pos	Pos	Remark
			dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1 !	32.970	35.15	-4.85	40.00	46.19	16.33	0.90	28.26	100	174 Peak
2	192.540	27.06	-16.44	43.50	44.20	8.85	1.84	27.83	---	Peak
3	287.850	29.89	-16.11	46.00	42.95	12.37	2.19	27.62	---	Peak
4	332.900	28.93	-17.07	46.00	40.97	13.45	2.35	27.83	---	Peak
5	923.000	29.15	-16.85	46.00	29.84	24.10	3.97	28.75	---	Peak
6	960.100	30.47	-23.53	54.00	30.13	25.04	3.99	28.68	---	Peak



Site : 03CH04-HY
Condition: FCC CLASS-B 3m HF-ANT-6903 HORIZONTAL
EUT : N/B
POWER : 120Vac/60Hz
MODEL : FR 701819
MEMO : 11n(g) TX(20M)_CH06;2437MHz
Data Rate: 48

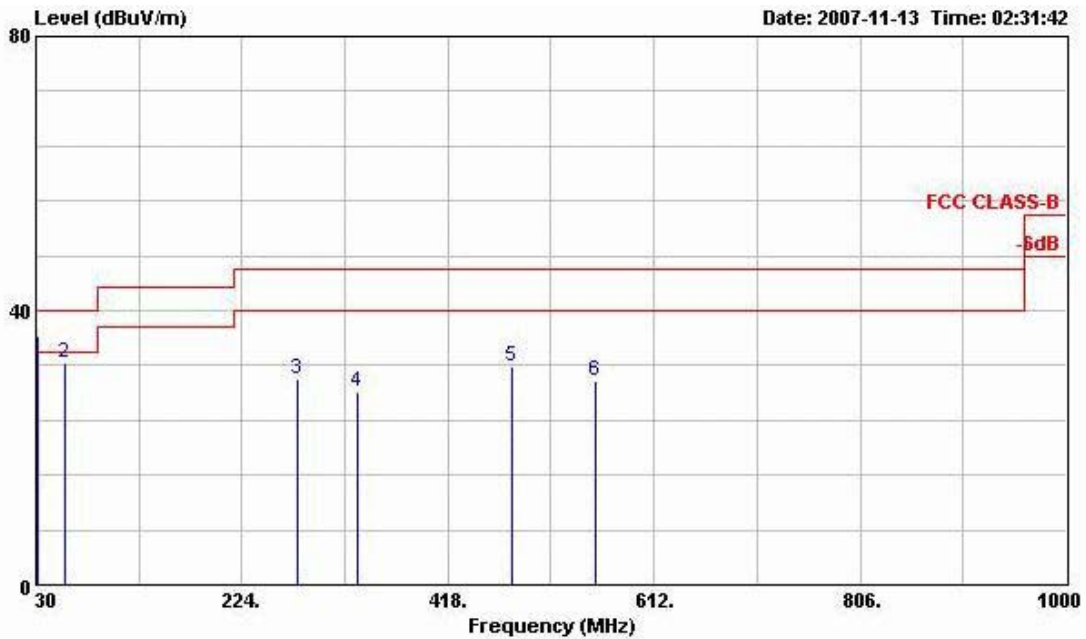
	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	Ant	Table	
	MHz	dBuV/m	Limit	Line	Level	Loss	Factor	Pos	Pos	Remark
			dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1	2372.000	47.55	-26.45	74.00	49.58	28.03	3.71	33.78	100	0 Peak
2	2372.000	33.89	-20.11	54.00	35.92	28.03	3.71	33.78	100	178 Average
3 X	2437.000	80.43			82.24	28.19	3.79	33.79	100	178 Average
4 @	2437.000	102.27			104.08	28.19	3.79	33.79	100	0 Peak
5	2484.000	48.45	-25.55	74.00	50.15	28.26	3.84	33.80	100	0 Peak
6	2484.000	34.80	-19.20	54.00	36.50	28.26	3.84	33.80	100	178 Average
7	2836.000	50.59	-23.41	74.00	50.91	29.57	4.19	34.07	100	0 Peak
8	2836.000	39.80	-14.20	54.00	40.12	29.57	4.19	34.07	100	121 Average
9	8142.000	55.37	-18.63	74.00	45.35	36.99	6.83	33.81	100	0 Peak
10	8142.000	45.35	-8.65	54.00	35.33	36.99	6.83	33.81	100	187 Average

Remark: #3 and #4 Fundamental Signal



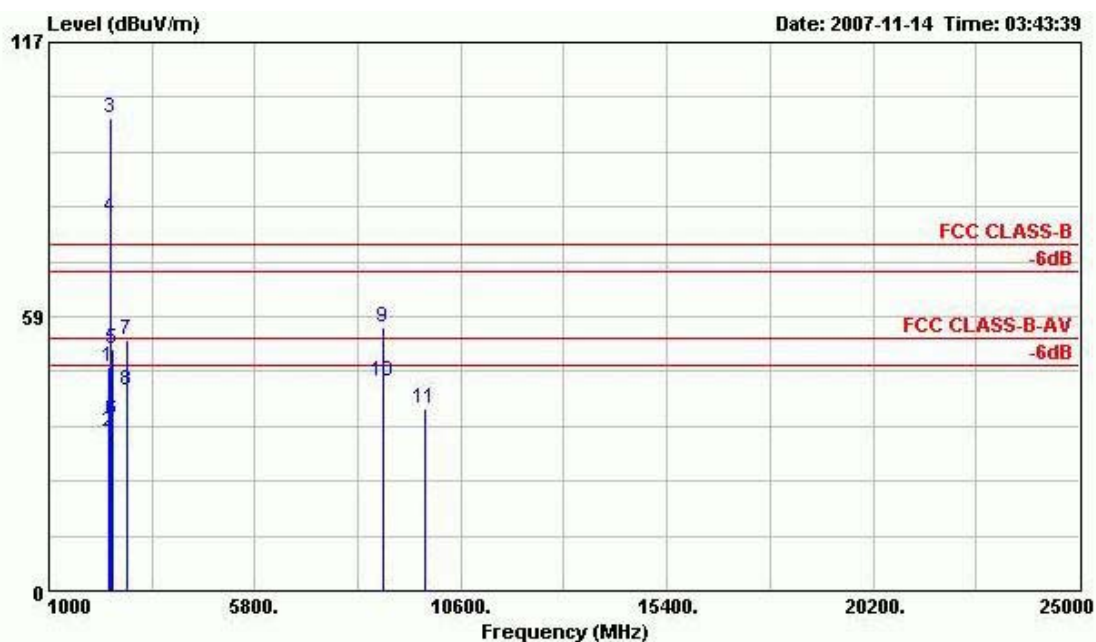
- Polarization : Vertical

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



Site : 03CH04-HY
 Condition: FCC CLASS-B 3m ANT2724 VERTICAL
 EUT : N/B
 POWER : 120Vac/60Hz
 MODEL : FR 701819
 MEMO : 11n(g) TX(20M)_CH06;2437MHz
 Data Rate: 48

	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	Ant	Table	
	MHz	dBuV/m	Limit	Line	Level	Loss	Factor	Pos	Pos	Remark
			dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1	31.620	36.34	-3.66	40.00	47.38	16.34	0.88	28.26	100	239 Peak
2	57.810	32.42	-7.58	40.00	55.49	4.12	1.09	28.28	---	---
3	275.970	30.11	-15.89	46.00	43.17	12.43	2.15	27.65	---	---
4	332.900	28.14	-17.86	46.00	40.18	13.45	2.35	27.83	---	---
5	478.500	31.85	-14.15	46.00	41.27	16.65	2.77	28.85	---	---
6	556.900	29.65	-16.35	46.00	37.10	18.59	3.02	29.06	---	---



Site : 03CH04-HY
Condition: FCC CLASS-B 3m HF-ANT-6903 VERTICAL
EUT : N/B
POWER : 120Vac/60Hz
MODEL : FR 701819
MEMO : 11n(g) TX(20M)_CH06;2437MHz
Data Rate: 48

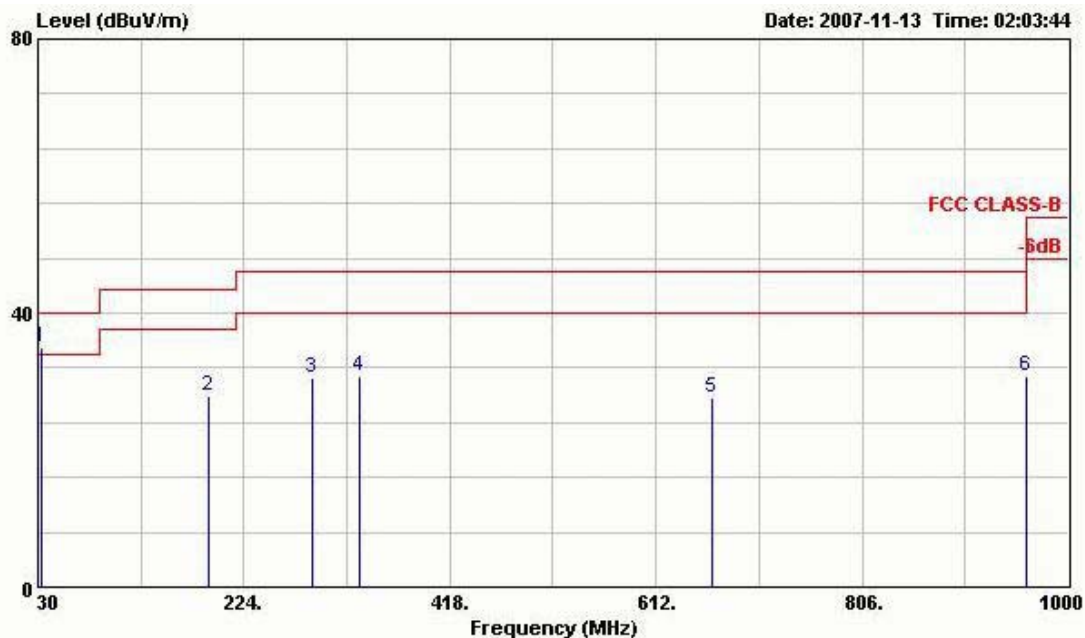
	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	Ant	Table	
	MHz	dBuV/m	Limit	Line	Level	Loss	Factor	Pos	Pos	Remark
			dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1	2390.000	47.91	-26.09	74.00	49.88	28.07	3.74	33.78	100	0 Peak
2	2390.000	33.97	-20.03	54.00	35.94	28.07	3.74	33.78	100	98 Average
3 @	2437.000	101.01			102.82	28.19	3.79	33.79	100	0 Peak
4 X	2437.000	79.58			81.39	28.19	3.79	33.79	100	98 Average
5	2484.000	51.51	-22.49	74.00	53.21	28.26	3.84	33.80	100	0 Peak
6	2484.000	36.55	-17.45	54.00	38.25	28.26	3.84	33.80	100	98 Average
7	2836.000	53.40	-20.60	74.00	53.72	29.57	4.19	34.07	100	0 Peak
8	2836.000	42.75	-11.25	54.00	43.07	29.57	4.19	34.07	100	251 Average
9	8805.000	56.09	-17.91	74.00	45.70	37.86	7.17	34.64	100	0 Peak
10	8805.000	44.54	-9.46	54.00	34.15	37.86	7.17	34.64	100	83 Average
11	9747.000	38.86	-35.14	74.00	76.06	-9.85	7.65	35.00	100	0 Peak

Remark: #3 and #4 Fundamental Signal



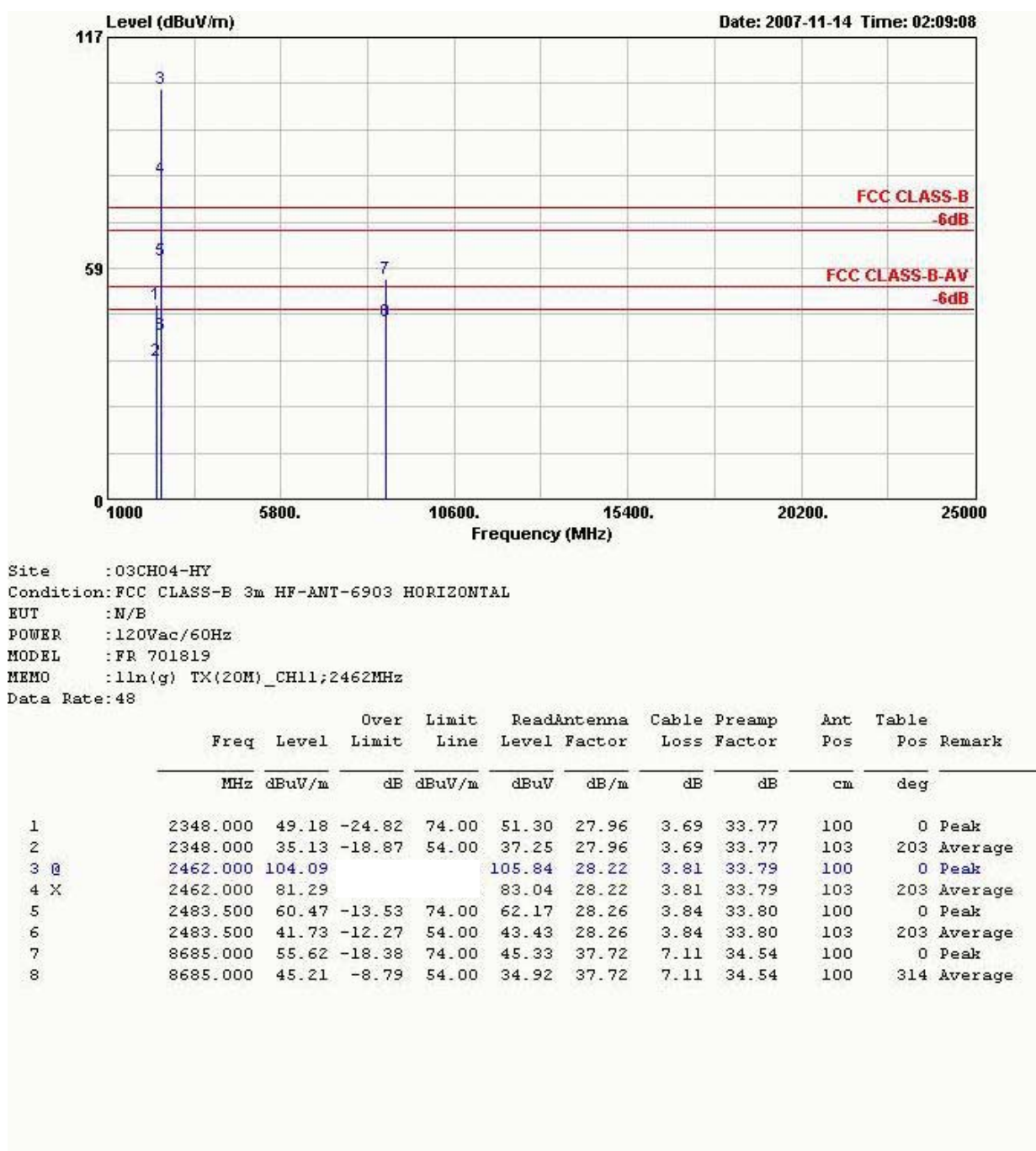
- Test Mode : Mode 12
- Polarization : Horizontal

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



Site : 03CH04-HY
 Condition: FCC CLASS-B 3m ANT2724 HORIZONTAL
 EUT : N/B
 POWER : 120Vac/60Hz
 MODEL : FR 701819
 MEMO : 11n(g) TX(20M)_CH11;2462MHz
 Data Rate: 48

	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	Ant	Table	
	MHz	dBuV/m	Limit	Line	Level	Loss	Factor	Pos	Pos	Remark
			dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1 !	32.700	34.98	-5.02	40.00	46.02	16.33	0.90	28.26	100	181 Peak
2	190.380	27.91	-15.59	43.50	45.02	8.90	1.83	27.84	---	--- Peak
3	287.850	30.53	-15.47	46.00	43.59	12.37	2.19	27.62	---	--- Peak
4	332.900	30.90	-15.10	46.00	42.94	13.45	2.35	27.83	---	--- Peak
5	665.400	27.52	-18.48	46.00	33.12	20.06	3.45	29.10	---	--- Peak
6	960.100	30.92	-23.08	54.00	30.58	25.04	3.99	28.68	---	--- Peak

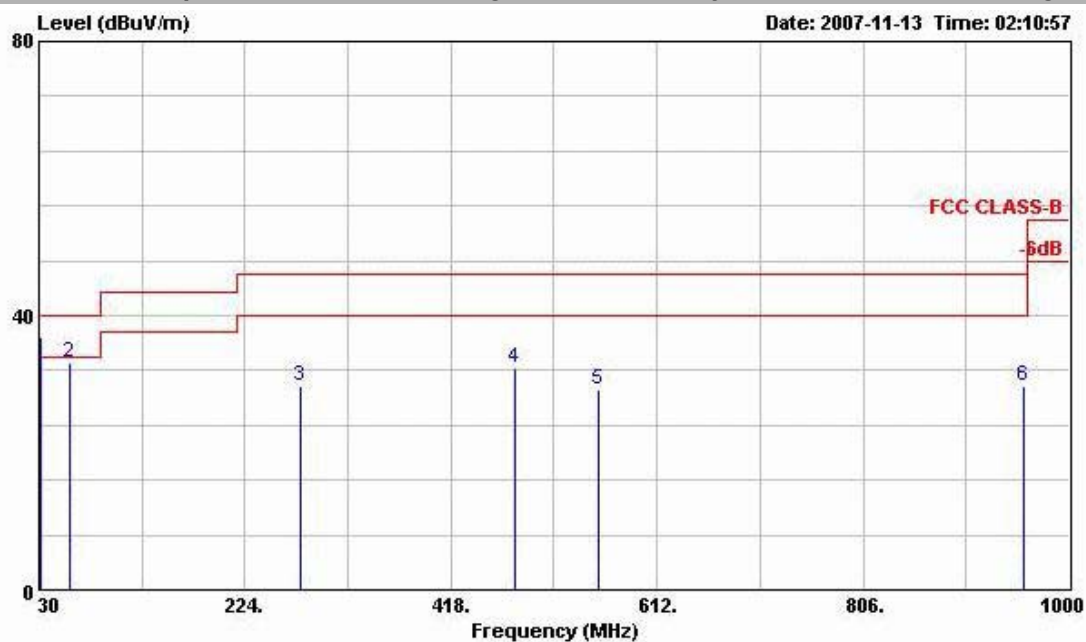


Remark: #3 and #4 Fundamental Signal



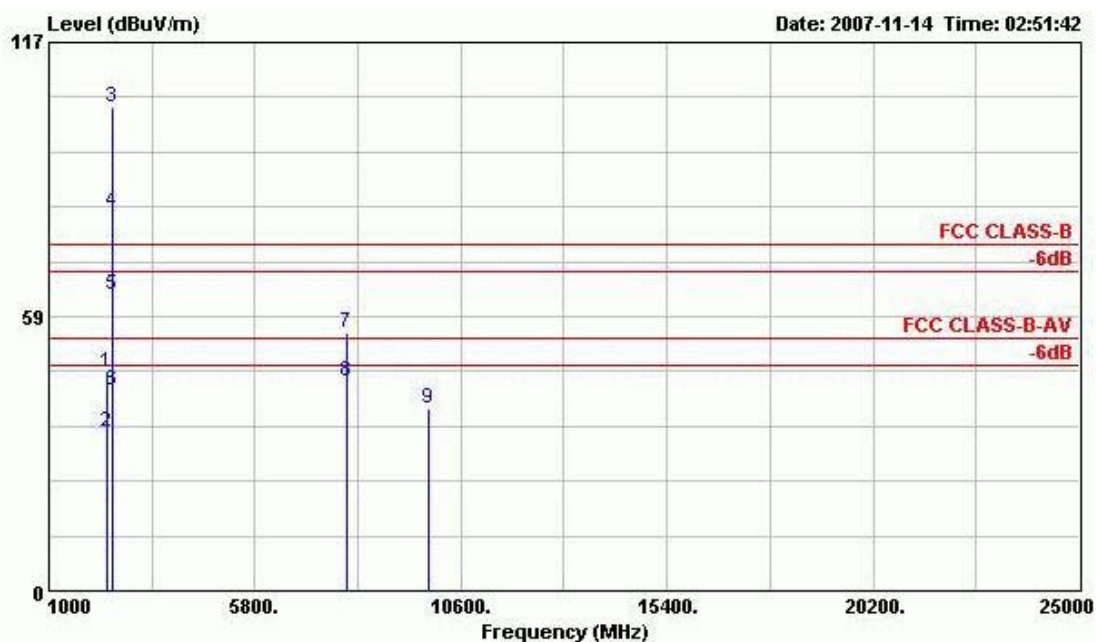
- Polarization : Vertical

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



Site : 03CH04-HY
 Condition: FCC CLASS-B 3m ANT2724 VERTICAL
 EUT : N/B
 POWER : 120Vac/60Hz
 MODEL : FR 701819
 MEMO : 11n(g) TX(20M)_CH11;2462MHz
 Data Rate: 48

	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	Ant	Table	
	MHz	dBuV/m	Limit	Line	Level	Loss	Factor	Pos	Pos	Remark
			dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1	31.620	36.86	-3.14	40.00	47.90	16.34	0.88	28.26	100	152 Peak
2	58.890	33.17	-6.83	40.00	56.59	3.76	1.10	28.28	---	---
3	275.970	29.83	-16.17	46.00	42.89	12.43	2.15	27.65	---	---
4	478.500	32.24	-13.76	46.00	41.66	16.65	2.77	28.85	---	---
5	556.900	29.23	-16.77	46.00	36.68	18.59	3.02	29.06	---	---
6	956.600	29.69	-16.31	46.00	29.45	24.94	3.98	28.69	---	---



Site : 03CH04-HY
Condition: FCC CLASS-B 3m HF-ANT-6903 VERTICAL
EUT : N/B
POWER : 120Vac/60Hz
MODEL : FR 701819
MEMO : 11n(g) TX(20M)_CH11;2462MHz
Data Rate: 48

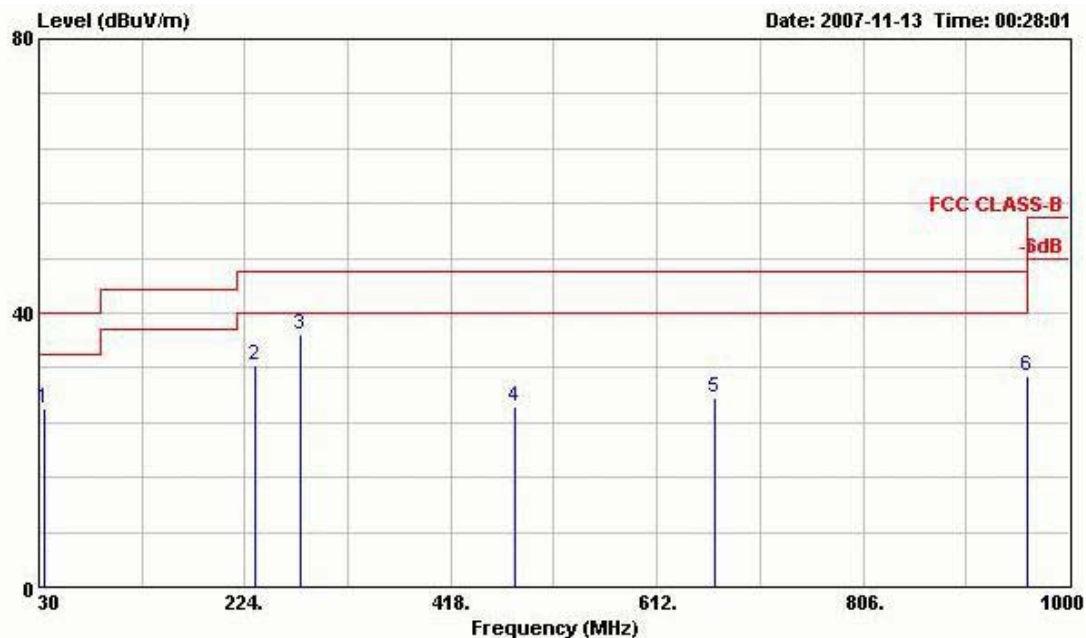
	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	Ant	Table	
	MHz	dBuV/m	Limit	Line	Level	Factor	Loss	Factor	Pos	Pos Remark
			dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1	2334.000	46.73	-27.27	74.00	48.89	27.92	3.69	33.77	100	0 Peak
2	2334.000	33.84	-20.16	54.00	36.00	27.92	3.69	33.77	100	103 Average
3 @	2462.000	103.13			104.88	28.22	3.81	33.79	100	0 Peak
4 X	2462.000	80.74			82.49	28.22	3.81	33.79	100	103 Average
5	2483.500	63.11	-10.89	74.00	64.81	28.26	3.84	33.80	100	0 Peak
6	2483.500	42.58	-11.42	54.00	44.28	28.26	3.84	33.80	100	103 Average
7	7929.000	55.17	-18.83	74.00	45.32	36.75	6.73	33.63	100	0 Peak
8	7929.000	44.76	-9.24	54.00	34.91	36.75	6.73	33.63	100	155 Average
9	9849.000	38.92	-35.08	74.00	75.83	-9.63	7.72	35.00	100	0 Peak

Remark: #3 and #4 Fundamental Signal



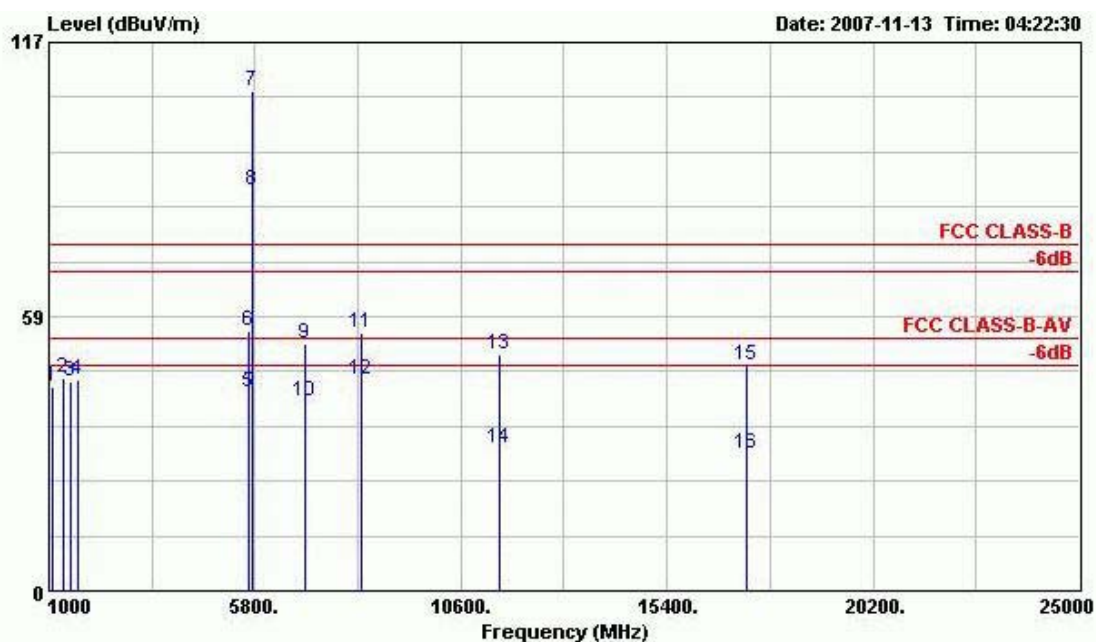
- Test Mode : Mode 13
- Polarization : Horizontal

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



Site : 03CH04-HY
 Condition: FCC CLASS-B 3m ANT2724 HORIZONTAL
 EUT : N/B
 POWER : 120Vac/60Hz
 MODEL : FR 701819
 MEMO : 11n(a) Tx(20M)_Ch149;5745MHz
 Data Rate: 36

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark	
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	35.940	26.14	-13.86	40.00	38.08	15.40	0.93	28.27	---	---	Peak
2	233.850	32.33	-13.67	46.00	46.75	11.31	2.00	27.73	---	---	Peak
3	276.780	36.92	-9.08	46.00	49.98	12.43	2.15	27.65	100	177	Peak
4	478.500	26.38	-19.62	46.00	35.80	16.65	2.77	28.85	---	---	Peak
5	666.100	27.61	-18.39	46.00	33.20	20.06	3.45	29.10	---	---	Peak
6	960.100	30.88	-23.12	54.00	30.54	25.04	3.99	28.68	---	---	Peak



Site : 03CH04-HY
Condition: FCC CLASS-B 3m HF-ANT-6903 HORIZONTAL
EUT : N/B
POWER : 120Vac/60Hz
MODEL : FR 701819
MEMO : 11n(a) Tx(20M)_Ch149;5745MHz
Data Rate: 36

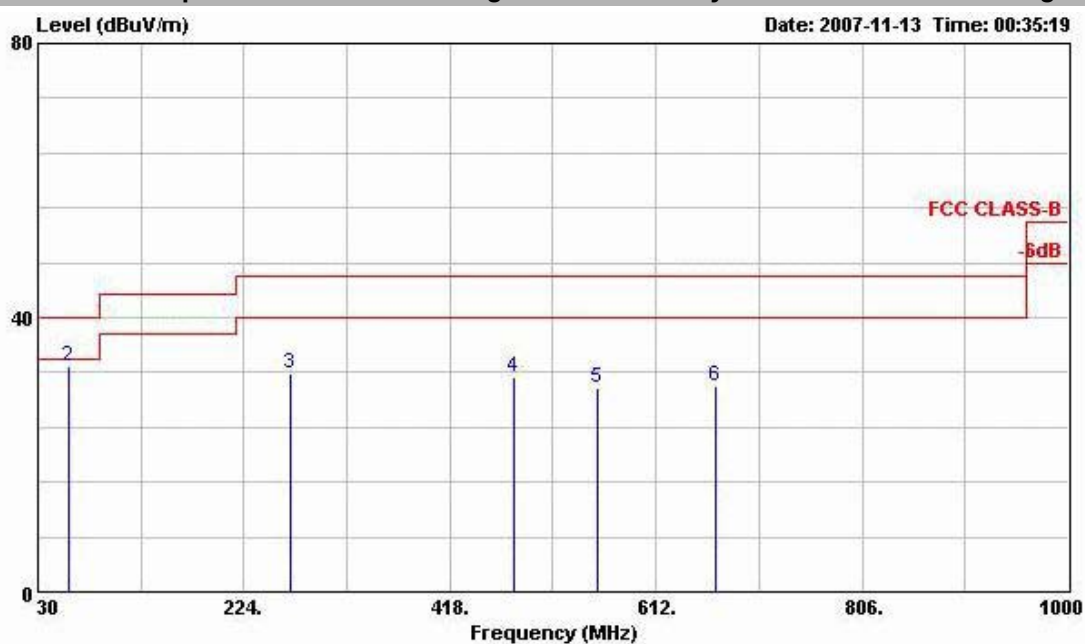
	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	Ant	Table	
	MHz	dBuV/m	Limit	Line	Level	Loss	Factor	Pos	Pos	Remark
			dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1	1094.000	43.56	-30.44	74.00	51.22	24.27	2.34	34.26	100	0 Peak
2	1332.000	45.34	-28.66	74.00	51.79	24.90	2.60	33.95	100	0 Peak
3	1500.000	44.57	-29.43	74.00	50.19	25.30	2.79	33.70	100	0 Peak
4	1662.000	45.17	-28.83	74.00	49.97	25.93	2.97	33.70	100	0 Peak
5	5670.000	42.24	-11.76	54.00	36.38	33.90	6.02	34.07	100	344 Average
6	5670.000	55.52	-18.48	74.00	49.66	33.90	6.02	34.07	100	0 Peak
7	5745.000	106.59			100.67	33.94	6.02	34.05	100	0 Peak
8	5745.000	85.39			79.47	33.94	6.02	34.05	100	344 Average
9	6950.000	52.76	-21.24	74.00	43.86	35.10	6.34	32.54	100	0 Peak
10	6950.000	40.47	-13.53	54.00	31.57	35.10	6.34	32.54	100	344 Average
11	8292.000	55.21	-18.79	74.00	45.15	37.21	6.91	34.06	100	0 Peak
12	8292.000	45.15	-8.85	54.00	35.09	37.21	6.91	34.06	100	14 Average
13	11493.000	50.32	-23.68	74.00	88.50	-11.73	7.84	34.30	100	0 Peak
14	11493.000	30.57	-23.43	54.00	68.75	-11.73	7.84	34.30	100	187 Average
15	17238.000	48.21	-25.79	74.00	83.68	-11.11	9.44	33.80	100	0 Peak
16	17238.000	29.41	-24.59	54.00	64.88	-11.11	9.44	33.80	100	57 Average

Remark: #7 and #8 Fundamental Signal



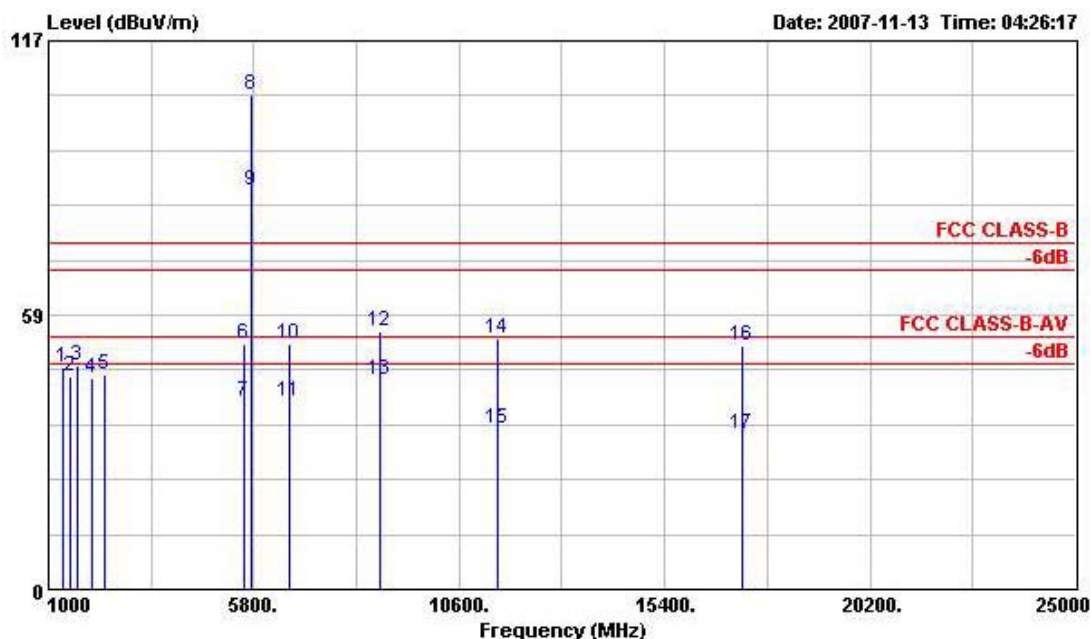
- Polarization : Vertical

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



Site : 03CH04-HY
 Condition: FCC CLASS-B 3m ANT2724 VERTICAL
 EUT : N/B
 POWER : 120Vac/60Hz
 MODEL : FR 701819
 MEMO : 11n(a) Tx(20M)_Ch149;5745MHz
 Data Rate: 36

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Factor	Preamp Loss	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	cm	deg	
1	30.540	36.43	-3.57	40.00	47.45	16.36	0.87	28.25	100	114 Peak
2	58.890	32.96	-7.04	40.00	56.38	3.76	1.10	28.28	---	Peak
3	267.330	31.87	-14.13	46.00	44.94	12.48	2.12	27.67	---	Peak
4	478.500	31.35	-14.65	46.00	40.77	16.65	2.77	28.85	---	Peak
5	556.900	29.73	-16.27	46.00	37.18	18.59	3.02	29.06	---	Peak
6	668.200	29.90	-16.10	46.00	35.49	20.06	3.45	29.10	---	Peak



Site : 03CH04-HY
 Condition: FCC CLASS-B 3m HF-ANT-6903 VERTICAL
 EUT : N/B
 POWER : 120Vac/60Hz
 MODEL : FR 701819
 MEMO : 11n(a) Tx(20M)_Ch149;5745MHz
 Data Rate: 36

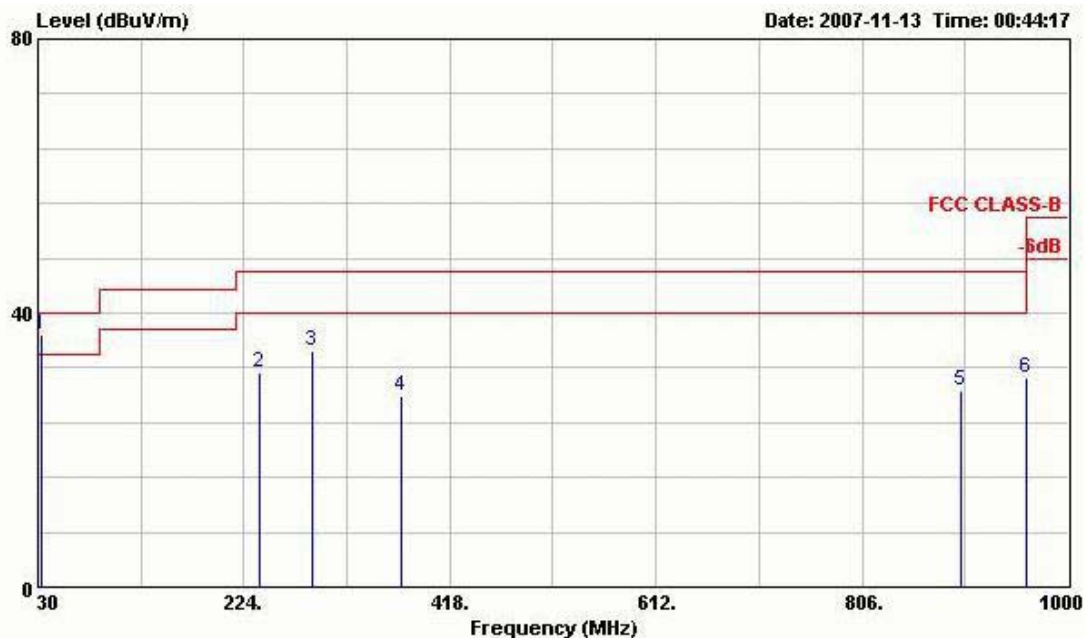
	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	Ant	Table	
	MHz	dBuV/m	Limit	Line	Level	Loss	Factor	Pos	Pos	Remark
			dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1	1332.000	47.33	-26.67	74.00	53.78	24.90	2.60	33.95	100	0 Peak
2	1500.000	45.38	-28.62	74.00	51.00	25.30	2.79	33.70	100	0 Peak
3	1662.000	47.84	-26.16	74.00	52.64	25.93	2.97	33.70	100	0 Peak
4	1996.000	45.06	-28.94	74.00	48.22	27.20	3.34	33.70	100	0 Peak
5	2326.000	45.85	-28.15	74.00	48.03	27.92	3.66	33.77	100	0 Peak
6	5588.000	52.15	-21.85	74.00	46.36	33.85	6.01	34.08	100	0 Peak
7	5588.000	39.84	-14.16	54.00	34.05	33.85	6.01	34.08	100	324 Average
8 @	5745.000	105.38			99.46	33.94	6.02	34.05	100	0 Peak
9 X	5745.000	84.93			79.01	33.94	6.02	34.05	100	324 Average
10	6644.000	52.46	-21.54	74.00	44.54	34.48	6.24	32.79	100	0 Peak
11	6644.000	40.15	-13.85	54.00	32.23	34.48	6.24	32.79	100	324 Average
12	8734.000	55.03	-18.97	74.00	44.70	37.78	7.13	34.58	100	0 Peak
13	8734.000	44.69	-9.31	54.00	34.36	37.78	7.13	34.58	100	154 Average
14	11490.000	53.35	-20.65	74.00	91.53	-11.73	7.84	34.30	100	0 Peak
15	11490.000	34.24	-19.76	54.00	72.42	-11.73	7.84	34.30	100	110 Average
16	17229.000	52.06	-21.94	74.00	87.51	-11.07	9.42	33.81	100	0 Peak
17	17229.000	33.17	-20.83	54.00	68.62	-11.07	9.42	33.81	100	82 Average

Remark: #8 and #9 Fundamental Signal



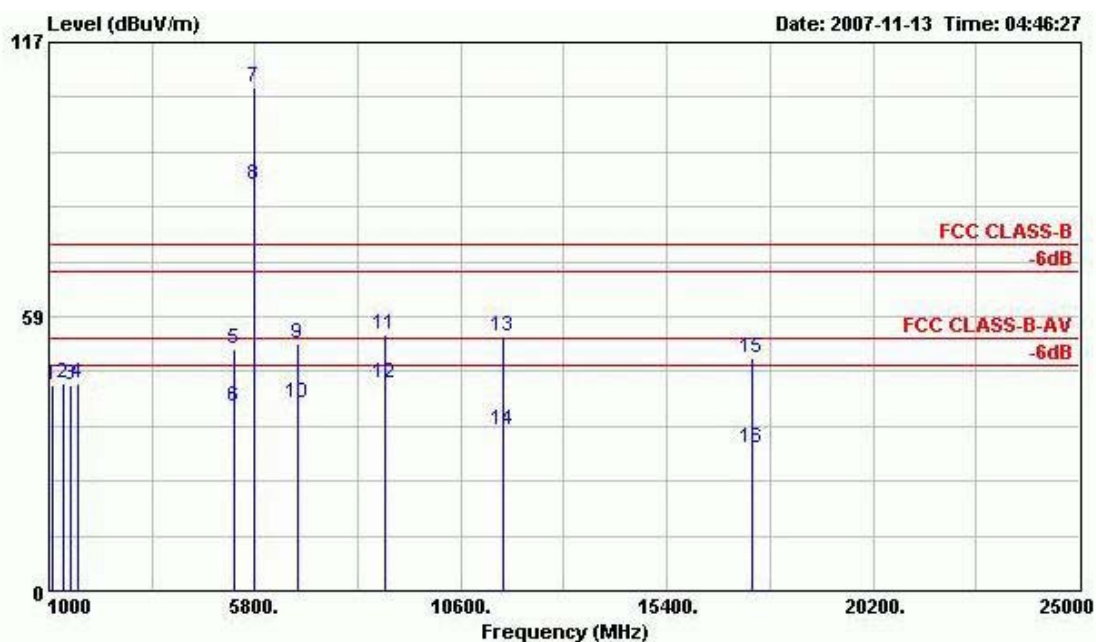
- Test Mode : Mode 14
- Polarization : Horizontal

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



Site : 03CH04-HY
 Condition: FCC CLASS-B 3m ANT2724 HORIZONTAL
 EUT : N/B
 POWER : 120Vac/60Hz
 MODEL : FR 701819
 MEMO : 11n(a) Tx(20M)_Ch157;5785MHz
 Data Rate: 36

	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	Ant	Table	
	MHz	dBuV/m	Limit	Line	Level	Loss	Factor	Pos	Pos	Remark
			dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1 !	32.700	36.74	-3.26	40.00	47.78	16.33	0.90	28.26	100	144 Peak
2	239.250	31.35	-14.65	46.00	45.30	11.76	2.01	27.72	---	---
3	287.850	34.42	-11.58	46.00	47.48	12.37	2.19	27.62	---	---
4	372.100	27.79	-18.21	46.00	38.60	14.81	2.48	28.11	---	---
5	898.500	28.56	-17.44	46.00	29.97	23.44	3.95	28.80	---	---
6	960.100	30.45	-23.55	54.00	30.11	25.04	3.99	28.68	---	---



Site : 03CH04-HY
Condition: FCC CLASS-B 3m HF-ANT-6903 HORIZONTAL
EUT : N/B
POWER : 120Vac/60Hz
MODEL : FR 701819
MEMO : 11n(a) Tx(20M)_Ch157;5785MHz
Data Rate: 36

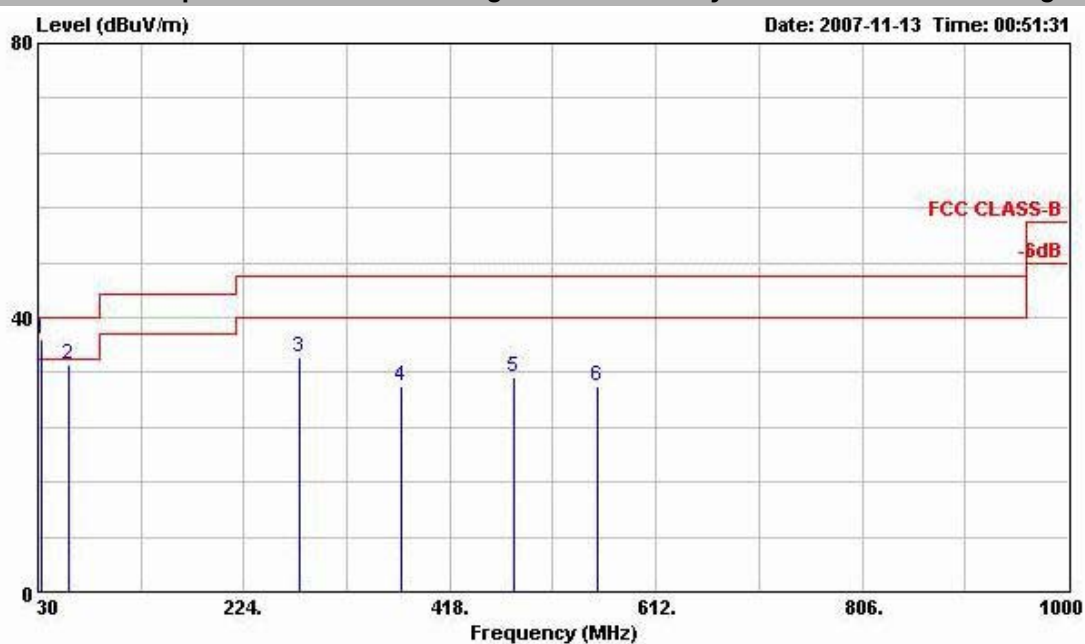
	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	Ant	Table	
	MHz	dBuV/m	Limit	Line	Level	Loss	Factor	Pos	Pos	Remark
			dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1	1094.000	43.69	-30.31	74.00	51.35	24.27	2.34	34.26	100	0 Peak
2	1332.000	44.43	-29.57	74.00	50.88	24.90	2.60	33.95	100	0 Peak
3	1500.000	43.99	-30.01	74.00	49.61	25.30	2.79	33.70	100	0 Peak
4	1662.000	44.26	-29.74	74.00	49.06	25.93	2.97	33.70	100	0 Peak
5	5302.000	51.68	-22.32	74.00	46.29	33.56	6.00	34.17	100	0 Peak
6	5302.000	39.15	-14.85	54.00	33.76	33.56	6.00	34.17	100	301 Average
7 @	5785.000	107.29			101.34	33.97	6.02	34.04	100	0 Peak
8 @	5785.000	86.50			80.55	33.97	6.02	34.04	100	301 Average
9	6820.000	52.79	-21.21	74.00	44.32	34.82	6.30	32.65	100	0 Peak
10	6820.000	40.14	-13.86	54.00	31.67	34.82	6.30	32.65	100	301 Average
11	8822.000	54.83	-19.17	74.00	44.43	37.88	7.18	34.66	100	0 Peak
12	8822.000	44.42	-9.58	54.00	34.02	37.88	7.18	34.66	100	321 Average
13	11565.000	54.44	-19.56	74.00	92.45	-11.54	7.85	34.32	100	0 Peak
14	11565.000	34.21	-19.79	54.00	72.22	-11.54	7.85	34.32	100	264 Average
15	17361.000	49.54	-24.46	74.00	85.36	-11.61	9.54	33.75	100	0 Peak
16	17361.000	30.41	-23.59	54.00	66.23	-11.61	9.54	33.75	100	48 Average

Remark: #7 and #8 Fundamental Signal



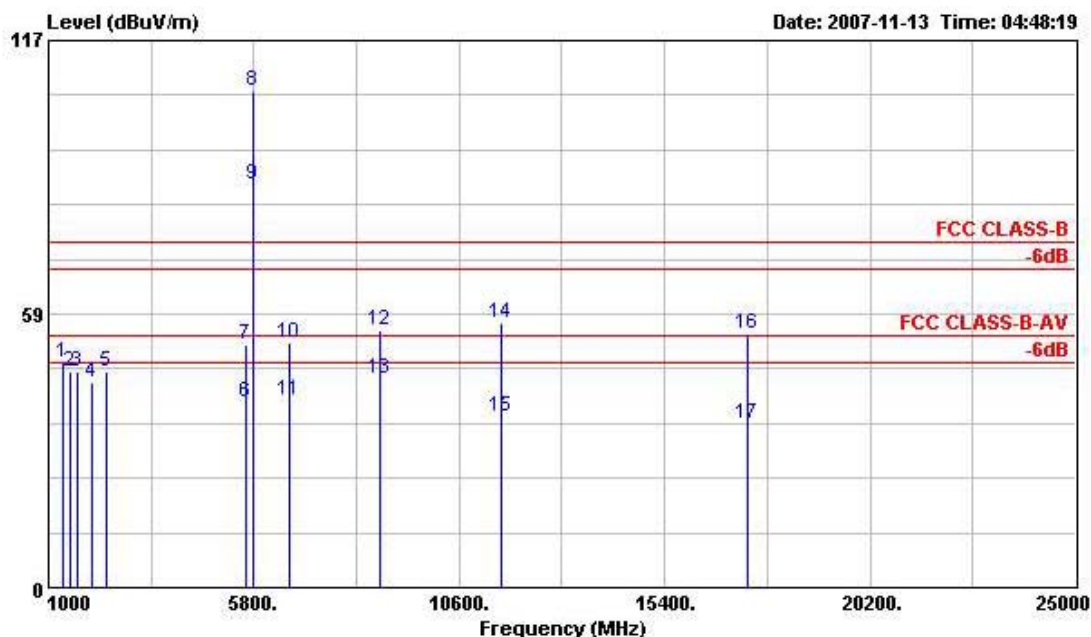
- Polarization : Vertical

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



Site : 03CH04-HY
 Condition: FCC CLASS-B 3m ANT2724 VERTICAL
 EUT : N/B
 POWER : 120Vac/60Hz
 MODEL : FR 701819
 MEMO : 11n(a) Tx(20M)_Ch157;5785MHz
 Data Rate: 36

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Factor	Preamp Loss	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	cm	deg	
1	32.700	36.86	-3.14	40.00	47.90	16.33	0.90	28.26	100	47 Peak
2	58.890	33.04	-6.96	40.00	56.46	3.76	1.10	28.28	---	Peak
3	275.970	34.19	-11.81	46.00	47.25	12.43	2.15	27.65	---	Peak
4	372.100	29.93	-16.07	46.00	40.74	14.81	2.48	28.11	---	Peak
5	478.500	31.34	-14.66	46.00	40.76	16.65	2.77	28.85	---	Peak
6	556.900	29.89	-16.11	46.00	37.34	18.59	3.02	29.06	---	Peak



Site : 03CH04-HY
 Condition: FCC CLASS-B 3m HF-ANT-6903 VERTICAL
 EUT : N/B
 POWER : 120Vac/60Hz
 MODEL : FR 701819
 MEMO : 11n(a) Tx(20M)_Ch157;5785MHz
 Data Rate: 36

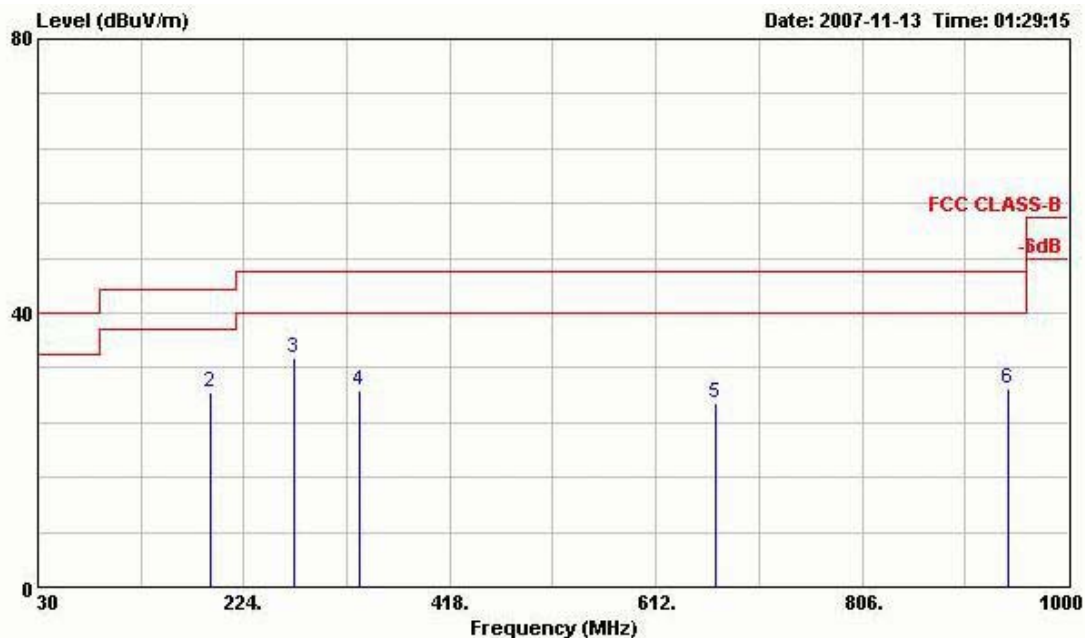
	Freq	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	
	MHz	dBuV/m	Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Remark
			dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	1332.000	48.07	-25.93	74.00	54.52	24.90	2.60	33.95	100	0	Peak
2	1500.000	46.28	-27.72	74.00	51.90	25.30	2.79	33.70	100	0	Peak
3	1668.000	46.34	-27.66	74.00	51.14	25.93	2.97	33.70	100	0	Peak
4	2004.000	43.90	-30.10	74.00	47.06	27.20	3.34	33.70	100	0	Peak
5	2340.000	46.25	-27.75	74.00	48.37	27.96	3.69	33.77	100	0	Peak
6	5622.000	39.51	-14.49	54.00	33.70	33.87	6.02	34.08	102	4	Average
7	5622.000	52.00	-22.00	74.00	46.19	33.87	6.02	34.08	100	0	Peak
8 X	5785.000	106.08			100.13	33.97	6.02	34.04	100	0	Peak
9 @	5785.000	86.35			80.40	33.97	6.02	34.04	102	4	Average
10	6628.000	52.42	-21.58	74.00	44.54	34.44	6.23	32.79	100	0	Peak
11	6628.000	40.05	-13.95	54.00	32.17	34.44	6.23	32.79	102	4	Average
12	8726.000	55.13	-18.87	74.00	44.82	37.76	7.13	34.58	100	0	Peak
13	8726.000	44.81	-9.19	54.00	34.50	37.76	7.13	34.58	100	102	Average
14	11562.000	56.54	-17.46	74.00	94.55	-11.54	7.85	34.32	100	0	Peak
15	11562.000	36.42	-17.58	54.00	74.43	-11.54	7.85	34.32	100	314	Average
16	17358.000	54.27	-19.73	74.00	90.10	-11.61	9.54	33.76	100	0	Peak
17	17358.000	35.12	-18.88	54.00	70.95	-11.61	9.54	33.76	100	241	Average

Remark: #8 and #9 Fundamental Signal



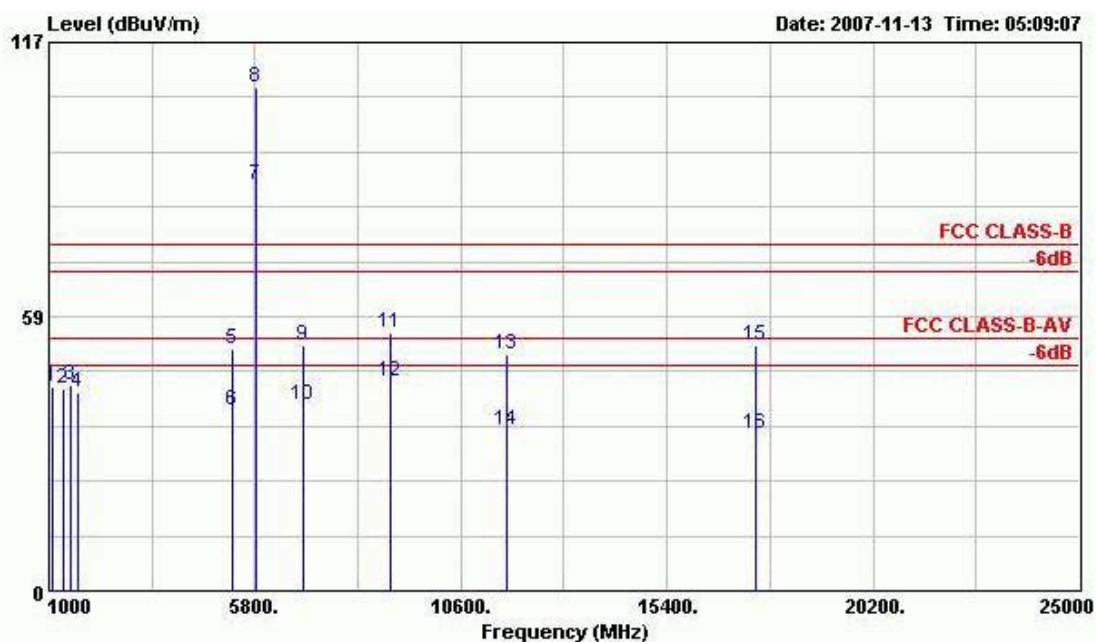
- Test Mode : Mode 15
- Polarization : Horizontal

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



Site : 03CH04-HY
 Condition: FCC CLASS-B 3m ANT2724 HORIZONTAL
 EUT : N/B
 POWER : 120Vac/60Hz
 MODEL : FR 701819
 MEMO : 11n(a) Tx(20M)_Ch165;5825MHz
 Data Rate: 36

	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 !	30.810	36.84	-3.16	40.00	47.85	16.36	0.88	28.25	100	187 Peak
2	192.540	28.40	-15.10	43.50	45.54	8.85	1.84	27.83	---	Peak
3	270.570	33.36	-12.64	46.00	46.43	12.46	2.13	27.66	---	Peak
4	332.900	28.65	-17.35	46.00	40.69	13.45	2.35	27.83	---	Peak
5	668.200	26.90	-19.10	46.00	32.49	20.06	3.45	29.10	---	Peak
6	943.300	28.91	-17.09	46.00	29.02	24.62	3.98	28.71	---	Peak



Site : 03CH04-HY
Condition: FCC CLASS-B 3m HF-ANT-6903 HORIZONTAL
EUT : N/B
POWER : 120Vac/60Hz
MODEL : FR 701819
MEMO : 11n(a) Tx(20M)_Ch165;5825MHz
Data Rate: 36

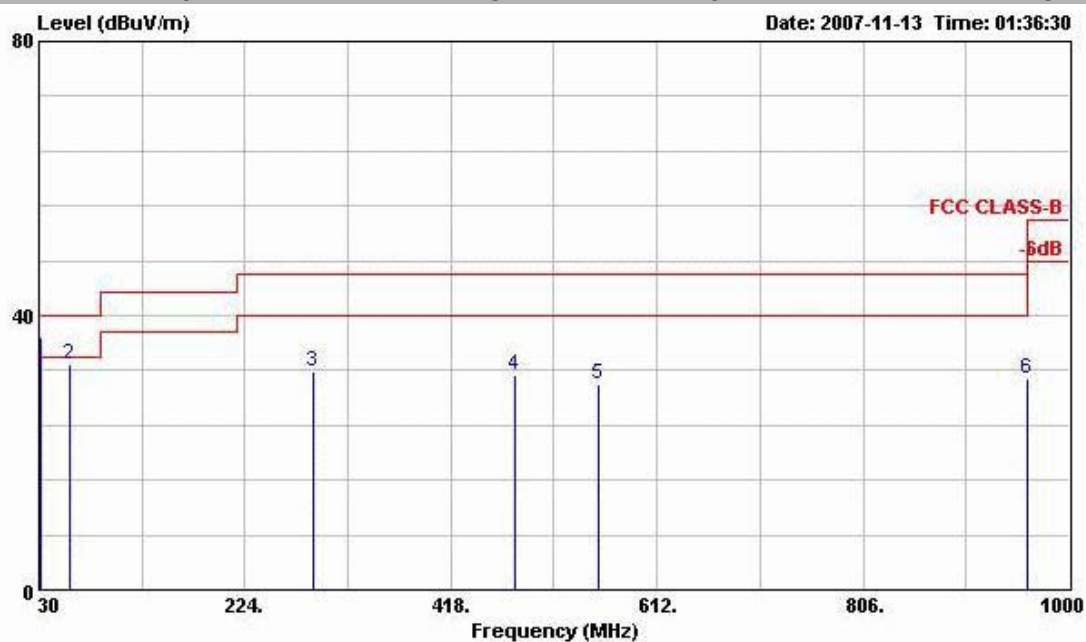
	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	Ant	Table	
	MHz	dBuV/m	Limit	Line	Level	Loss	Factor	Pos	Pos	Remark
			dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1	1094.000	43.68	-30.32	74.00	51.34	24.27	2.34	34.26	100	0 Peak
2	1334.000	43.14	-30.86	74.00	49.59	24.90	2.60	33.95	100	0 Peak
3	1500.000	43.76	-30.24	74.00	49.38	25.30	2.79	33.70	100	0 Peak
4	1668.000	42.25	-31.75	74.00	47.05	25.93	2.97	33.70	100	0 Peak
5	5262.000	51.42	-22.58	74.00	46.09	33.52	6.00	34.19	100	0 Peak
6	5262.000	38.46	-15.54	54.00	33.13	33.52	6.00	34.19	100	305 Average
7 @	5825.000	86.55			80.57	34.00	6.02	34.04	100	305 Average
8 @	5825.000	107.45			101.47	34.00	6.02	34.04	100	0 Peak
9	6910.000	52.45	-21.55	74.00	43.66	35.03	6.33	32.56	100	0 Peak
10	6910.000	39.48	-14.52	54.00	30.69	35.03	6.33	32.56	100	305 Average
11	8964.000	55.13	-18.87	74.00	44.59	38.04	7.26	34.76	100	0 Peak
12	8964.000	44.59	-9.41	54.00	34.05	38.04	7.26	34.76	100	271 Average
13	11646.000	50.48	-23.52	74.00	88.12	-11.14	7.86	34.35	100	0 Peak
14	11646.000	34.27	-19.73	54.00	71.91	-11.14	7.86	34.35	100	207 Average
15	17466.000	52.37	-21.63	74.00	88.53	-12.07	9.62	33.71	100	0 Peak
16	17466.000	33.54	-20.46	54.00	69.70	-12.07	9.62	33.71	100	278 Average

Remark: #7 and #8 Fundamental Signal



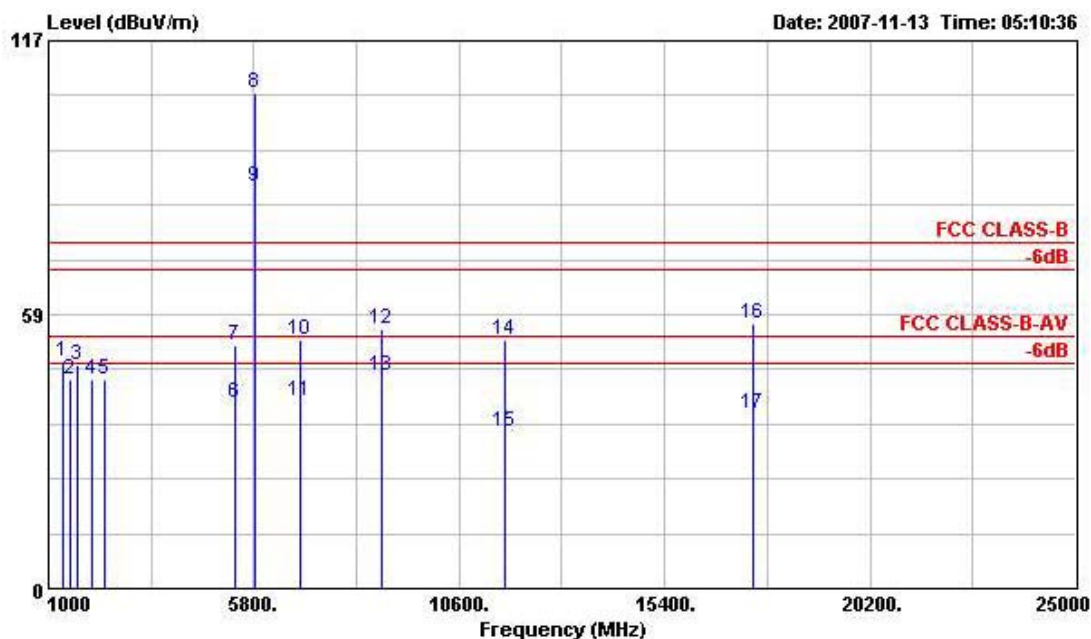
- Polarization : Vertical

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



Site : 03CH04-HY
 Condition: FCC CLASS-B 3m ANT2724 VERTICAL
 EUT : N/B
 POWER : 120Vac/60Hz
 MODEL : FR 701819
 MEMO : 11n(a) Tx(20M)_Ch165;5825MHz
 Data Rate: 36

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Factor	Preamp Loss	Table Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1 !	31.890	36.76	-3.24	40.00	47.79	16.34	0.89	28.26	100	173	Peak
2	58.890	33.01	-6.99	40.00	56.43	3.76	1.10	28.28	---	---	Peak
3	287.850	31.94	-14.06	46.00	45.00	12.37	2.19	27.62	---	---	Peak
4	478.500	31.24	-14.76	46.00	40.66	16.65	2.77	28.85	---	---	Peak
5	556.900	30.07	-15.93	46.00	37.52	18.59	3.02	29.06	---	---	Peak
6	960.100	30.71	-23.29	54.00	30.37	25.04	3.99	28.68	---	---	Peak



Site : 03CH04-HY
 Condition: FCC CLASS-B 3m HF-ANT-6903 VERTICAL
 EUT : N/B
 POWER : 120Vac/60Hz
 MODEL : FR 701819
 MEMO : 11n(a) Tx(20M)_Ch165;5825MHz
 Data Rate: 36

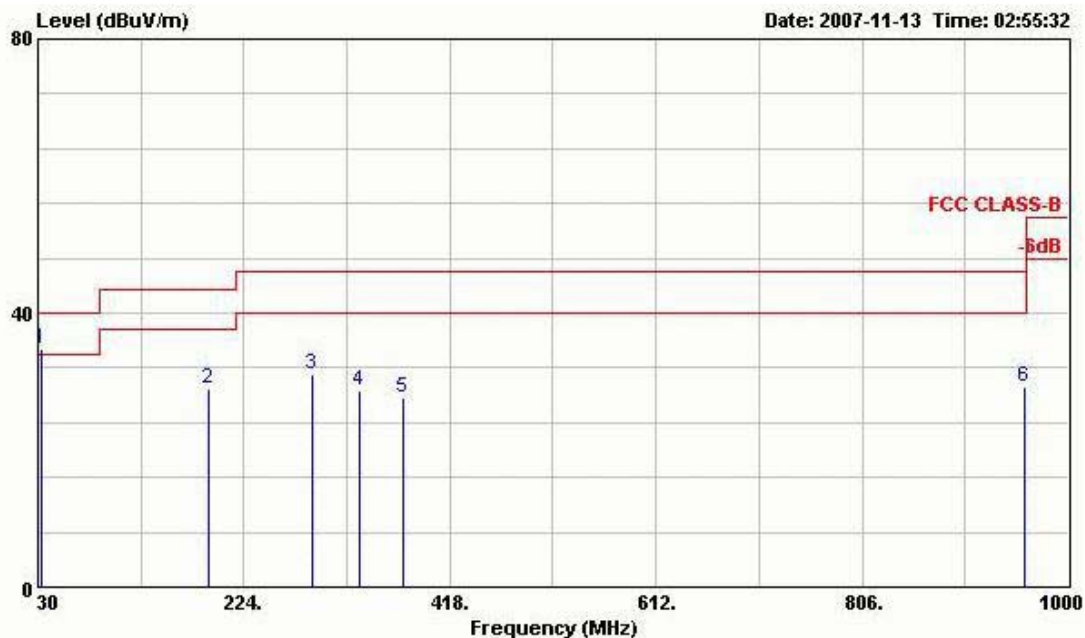
	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	Ant	Table	
	MHz	dBuV/m	dB	dBuV/m	Level	Loss	Factor	Pos	Pos	Remark
					dBuV	dB/m	dB	dB	cm	deg
1	1332.000	48.51	-25.49	74.00	54.96	24.90	2.60	33.95	100	0 Peak
2	1500.000	44.68	-29.32	74.00	50.30	25.30	2.79	33.70	100	0 Peak
3	1662.000	47.90	-26.10	74.00	52.70	25.93	2.97	33.70	100	0 Peak
4	2004.000	44.58	-29.42	74.00	47.74	27.20	3.34	33.70	100	0 Peak
5	2332.000	44.75	-29.25	74.00	46.91	27.92	3.69	33.77	100	0 Peak
6	5350.000	39.48	-14.52	54.00	34.01	33.62	6.00	34.15	102	4 Average
7	5350.000	52.14	-21.86	74.00	46.67	33.62	6.00	34.15	100	0 Peak
8 @	5825.000	105.87			99.89	34.00	6.02	34.04	100	0 Peak
9 X	5825.000	85.79			79.81	34.00	6.02	34.04	102	4 Average
10	6894.000	53.03	-20.97	74.00	44.29	34.99	6.33	32.58	100	0 Peak
11	6894.000	40.12	-13.88	54.00	31.38	34.99	6.33	32.58	102	4 Average
12	8774.000	55.59	-18.41	74.00	45.23	37.82	7.16	34.62	100	0 Peak
13	8774.000	45.23	-8.77	54.00	34.87	37.82	7.16	34.62	100	318 Average
14	11658.000	53.09	-20.91	74.00	90.69	-11.10	7.86	34.36	100	0 Peak
15	11658.000	33.54	-20.46	54.00	71.14	-11.10	7.86	34.36	100	177 Average
16	17478.000	56.39	-17.61	74.00	92.57	-12.12	9.64	33.71	100	0 Peak
17	17478.000	37.14	-16.86	54.00	73.32	-12.12	9.64	33.71	100	133 Average

Remark: #8 and #9 Fundamental Signal



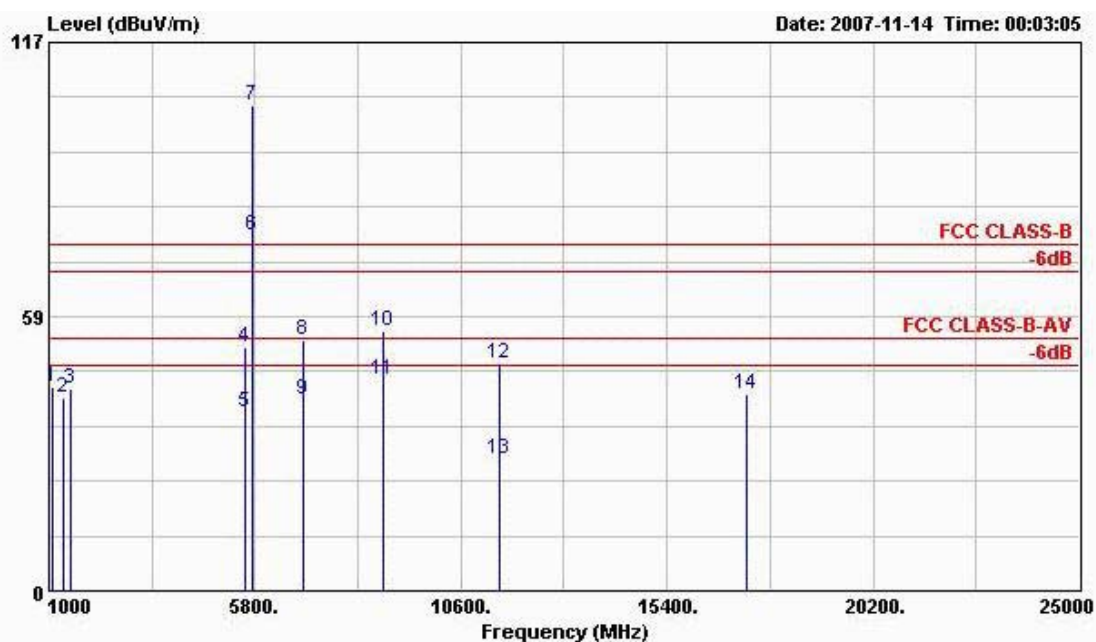
- Test Mode : Mode 16
- Polarization : Horizontal

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



Site : 03CH04-HY
 Condition: FCC CLASS-B 3m ANT2724 HORIZONTAL
 EUT : N/B
 POWER : 120Vac/60Hz
 MODEL : FR 701819
 MEMO : 11n(a) Tx(40M)_Ch151;5755MHz
 Data Rate: 54

	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	Ant	Table	
	MHz	dBuV/m	Limit	Line	Level	Loss	Factor	Pos	Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1 !	32.970	34.73	-5.27	40.00	45.77	16.33	0.90	28.26	100	285 Peak
2	190.650	29.01	-14.49	43.50	46.13	8.88	1.84	27.84	---	Peak
3	287.850	31.15	-14.85	46.00	44.21	12.37	2.19	27.62	---	Peak
4	332.200	28.58	-17.42	46.00	40.61	13.45	2.35	27.82	---	Peak
5	374.200	27.52	-18.48	46.00	38.27	14.88	2.49	28.12	---	Peak
6	959.400	29.32	-16.68	46.00	29.00	25.01	3.99	28.68	---	Peak



Site : 03CH04-HY
Condition: FCC CLASS-B 3m HF-ANT-6903 HORIZONTAL
EUT : N/B
POWER : 120Vac/60Hz
MODEL : FR 701819
MEMO : 11n(a) Tx(40M)_Ch151;5755MHz
Data Rate: 54

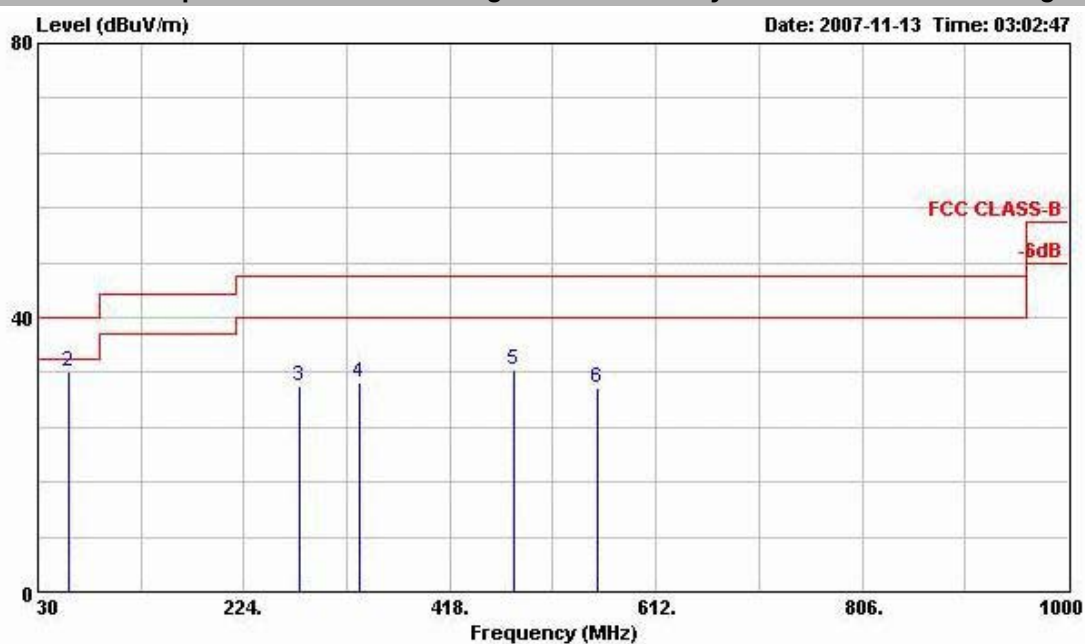
	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	Ant	Table	
	MHz	dBuV/m	Limit	Line	Level	Factor	Loss	Factor	Pos	Pos Remark
			dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1	1100.000	43.65	-30.35	74.00	51.31	24.27	2.34	34.26	100	0 Peak
2	1332.000	41.05	-32.95	74.00	47.50	24.90	2.60	33.95	100	0 Peak
3	1500.000	43.17	-30.83	74.00	48.79	25.30	2.79	33.70	100	0 Peak
4	5558.000	52.07	-21.93	74.00	46.31	33.83	6.01	34.09	100	0 Peak
5	5558.000	38.01	-15.99	54.00	32.25	33.83	6.01	34.09	100	304 Average
6 X	5755.000	76.00			70.07	33.96	6.02	34.05	100	304 Average
7 @	5755.000	103.48			97.55	33.96	6.02	34.05	100	0 Peak
8	6942.000	53.37	-20.63	74.00	44.47	35.10	6.34	32.54	100	0 Peak
9	6942.000	40.67	-13.33	54.00	31.77	35.10	6.34	32.54	100	304 Average
10	8772.000	55.45	-18.55	74.00	45.09	37.82	7.16	34.62	100	0 Peak
11	8772.000	45.09	-8.91	54.00	34.73	37.82	7.16	34.62	100	165 Average
12	11514.000	48.43	-25.57	74.00	86.64	-11.76	7.85	34.30	100	0 Peak
13	11514.000	28.14	-25.86	54.00	66.35	-11.76	7.85	34.30	100	314 Average
14	17265.000	41.93	-32.07	74.00	77.45	-11.19	9.46	33.79	100	0 Peak

Remark: #6 and #7 Fundamental Signal



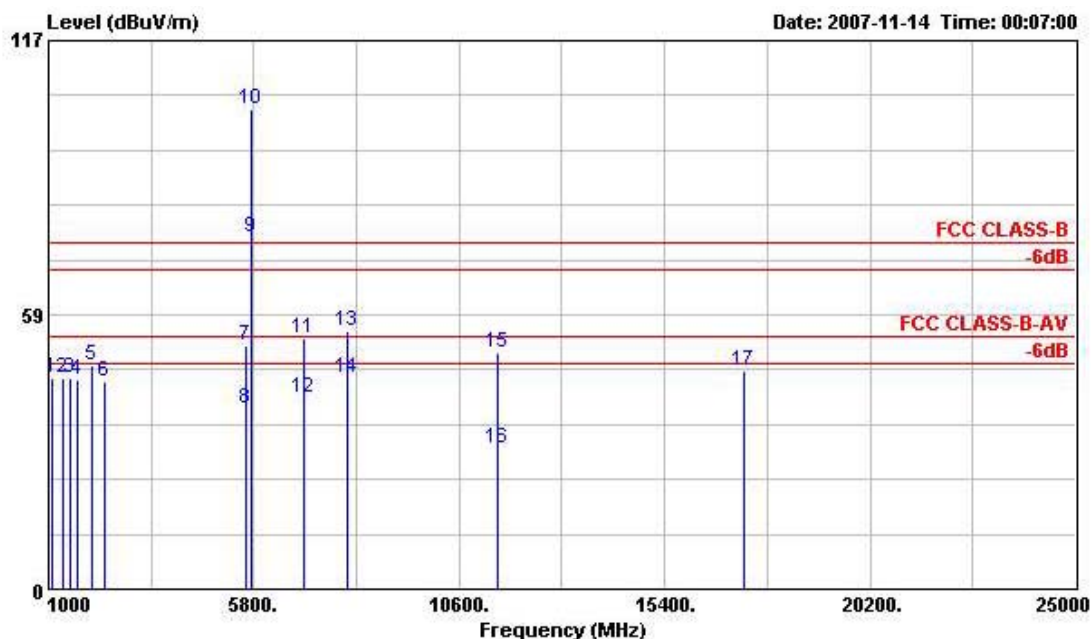
- Polarization : Vertical

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



Site : 03CH04-HY
 Condition: FCC CLASS-B 3m ANT2724 VERTICAL
 EUT : N/B
 POWER : 120Vac/60Hz
 MODEL : FR 701819
 MEMO : 11n(a) Tx(40M)_Ch151;5755MHz
 Data Rate: 54

	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	Ant	Table	
	MHz	dBuV/m	Limit	Line	Level	Loss	Factor	Pos	Pos	Remark
			dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1	30.810	36.43	-3.57	40.00	47.44	16.36	0.88	28.25	100	196 Peak
2	58.890	32.16	-7.84	40.00	55.58	3.76	1.10	28.28	---	---
3	275.970	30.10	-15.90	46.00	43.16	12.43	2.15	27.65	---	---
4	332.200	30.49	-15.51	46.00	42.52	13.45	2.35	27.82	---	---
5	478.500	32.47	-13.53	46.00	41.89	16.65	2.77	28.85	---	---
6	556.900	29.61	-16.39	46.00	37.06	18.59	3.02	29.06	---	---



Site : 03CH04-HY
Condition: FCC CLASS-B 3m HF-ANT-6903 VERTICAL
EUT : N/B
POWER : 120Vac/60Hz
MODEL : FR 701819
MEMO : 11n(a) Tx(40M)_Ch151;5755MHz
Data Rate: 54

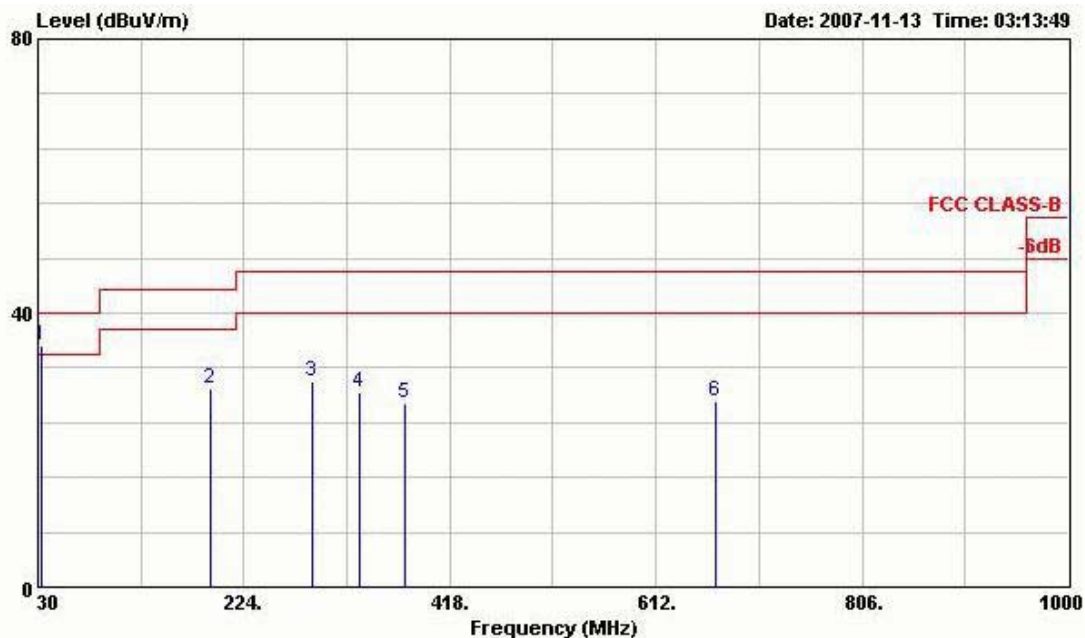
	Freq	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	
	MHz	dBuV/m	Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Remark
			dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	1100.000	44.92	-29.08	74.00	52.58	24.27	2.34	34.26	100	0	Peak
2	1332.000	44.97	-29.03	74.00	51.42	24.90	2.60	33.95	100	0	Peak
3	1500.000	45.03	-28.97	74.00	50.65	25.30	2.79	33.70	100	0	Peak
4	1668.000	44.56	-29.44	74.00	49.36	25.93	2.97	33.70	100	0	Peak
5	1996.000	47.56	-26.44	74.00	50.72	27.20	3.34	33.70	100	0	Peak
6	2332.000	44.09	-29.91	74.00	46.25	27.92	3.69	33.77	100	0	Peak
7	5622.000	51.99	-22.01	74.00	46.18	33.87	6.02	34.08	100	0	Peak
8	5622.000	38.32	-15.68	54.00	32.51	33.87	6.02	34.08	100	327	Average
9 X	5755.000	75.17			69.24	33.96	6.02	34.05	100	327	Average
10 @	5755.000	102.23			96.30	33.96	6.02	34.05	100	0	Peak
11	6974.000	53.41	-20.59	74.00	44.45	35.13	6.35	32.52	100	0	Peak
12	6974.000	40.81	-13.19	54.00	31.85	35.13	6.35	32.52	100	327	Average
13	7982.000	55.07	-18.93	74.00	45.14	36.79	6.75	33.61	100	0	Peak
14	7982.000	45.14	-8.86	54.00	35.21	36.79	6.75	33.61	100	47	Average
15	11514.000	50.25	-23.75	74.00	88.46	-11.76	7.85	34.30	100	0	Peak
16	11514.000	30.02	-23.98	54.00	68.23	-11.76	7.85	34.30	100	178	Average
17	17262.000	46.39	-27.61	74.00	81.91	-11.19	9.46	33.79	100	0	Peak

Remark: #3 and #4 Fundamental Signal



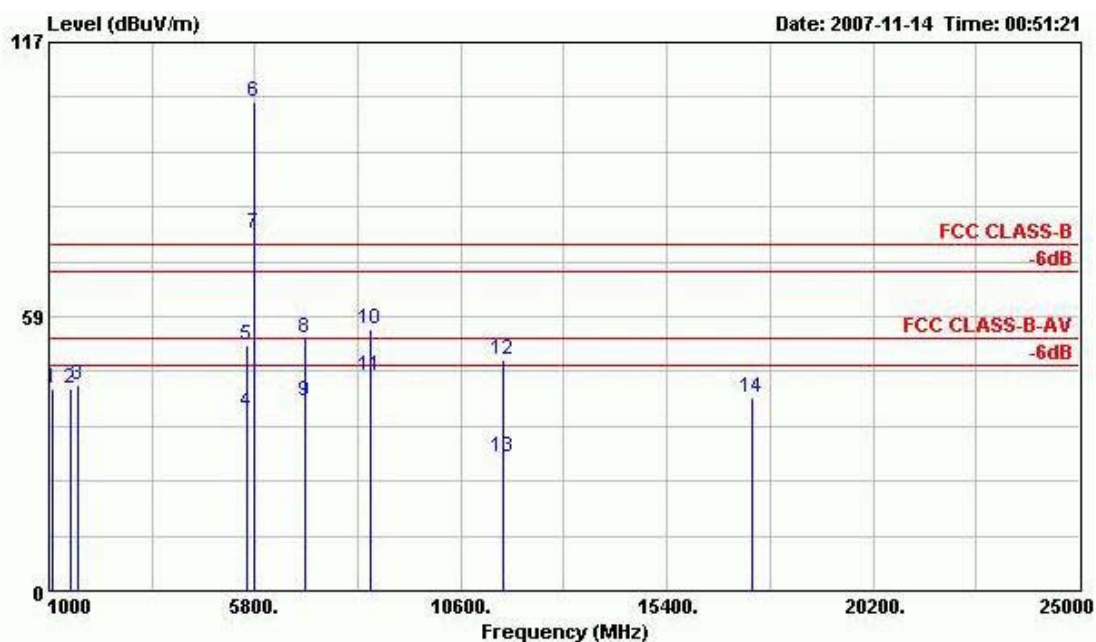
- Test Mode : Mode 17
- Polarization : Horizontal

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



Site : 03CH04-HY
Condition: FCC CLASS-B 3m ANT2724 HORIZONTAL
EUT : N/B
POWER : 120Vac/60Hz
MODEL : FR 701819
MEMO : 11n(a) Tx(40M)_Ch159;5795MHz
Data Rate: 54

	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	Ant	Table	
	MHz	dBuV/m	Limit	Line	Level	Loss	Factor	Pos	Pos	Remark
			dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1 !	32.970	35.15	-4.85	40.00	46.19	16.33	0.90	28.26	100	51 Peak
2	192.540	28.88	-14.62	43.50	46.02	8.85	1.84	27.83	---	---
3	287.850	30.07	-15.93	46.00	43.13	12.37	2.19	27.62	---	---
4	332.200	28.34	-17.66	46.00	40.37	13.45	2.35	27.82	---	---
5	374.900	26.72	-19.28	46.00	37.44	14.92	2.49	28.13	---	---
6	668.200	27.09	-18.91	46.00	32.68	20.06	3.45	29.10	---	---



Site : 03CH04-HY
Condition: FCC CLASS-B 3m HF-ANT-6903 HORIZONTAL
EUT : N/B
POWER : 120Vac/60Hz
MODEL : FR 701819
MEMO : 11n(a) Tx(40M)_Ch159;5795MHz
Data Rate: 54

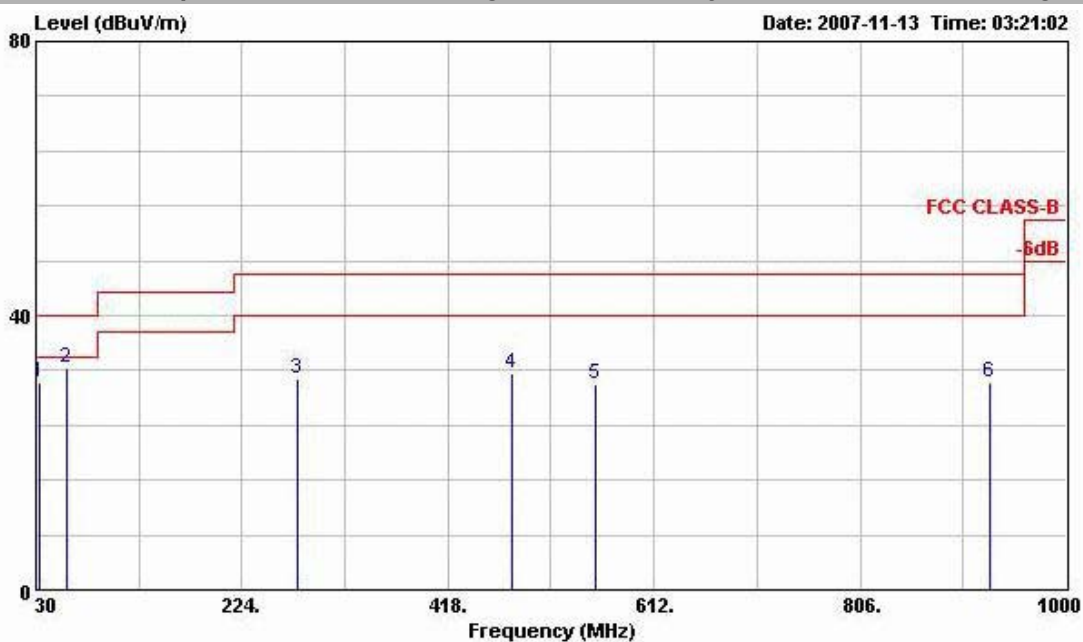
	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	Ant	Table	
	MHz	dBuV/m	Limit	Line	Level	Loss	Factor	Pos	Pos	Remark
			dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1	1086.000	42.93	-31.07	74.00	50.67	24.22	2.34	34.30	100	0 Peak
2	1500.000	43.14	-30.86	74.00	48.76	25.30	2.79	33.70	100	0 Peak
3	1668.000	44.04	-29.96	74.00	48.84	25.93	2.97	33.70	100	0 Peak
4	5622.000	38.15	-15.85	54.00	32.34	33.87	6.02	34.08	100	303 Average
5	5622.000	52.27	-21.73	74.00	46.46	33.87	6.02	34.08	100	0 Peak
6 @	5795.000	104.43			98.47	33.98	6.02	34.04	100	0 Peak
7 X	5795.000	76.04			70.08	33.98	6.02	34.04	100	303 Average
8	6964.000	53.88	-20.12	74.00	44.93	35.13	6.34	32.52	100	0 Peak
9	6964.000	40.59	-13.41	54.00	31.64	35.13	6.34	32.52	100	303 Average
10	8508.000	55.76	-18.24	74.00	45.62	37.52	7.02	34.40	100	0 Peak
11	8508.000	45.61	-8.39	54.00	35.47	37.52	7.02	34.40	100	188 Average
12	11586.000	49.15	-24.85	74.00	87.03	-11.40	7.85	34.33	100	0 Peak
13	11586.000	28.54	-25.46	54.00	66.42	-11.40	7.85	34.33	100	187 Average
14	17397.000	41.24	-32.76	74.00	77.20	-11.78	9.56	33.74	100	0 Peak

Remark: #6 and #7 Fundamental Signal



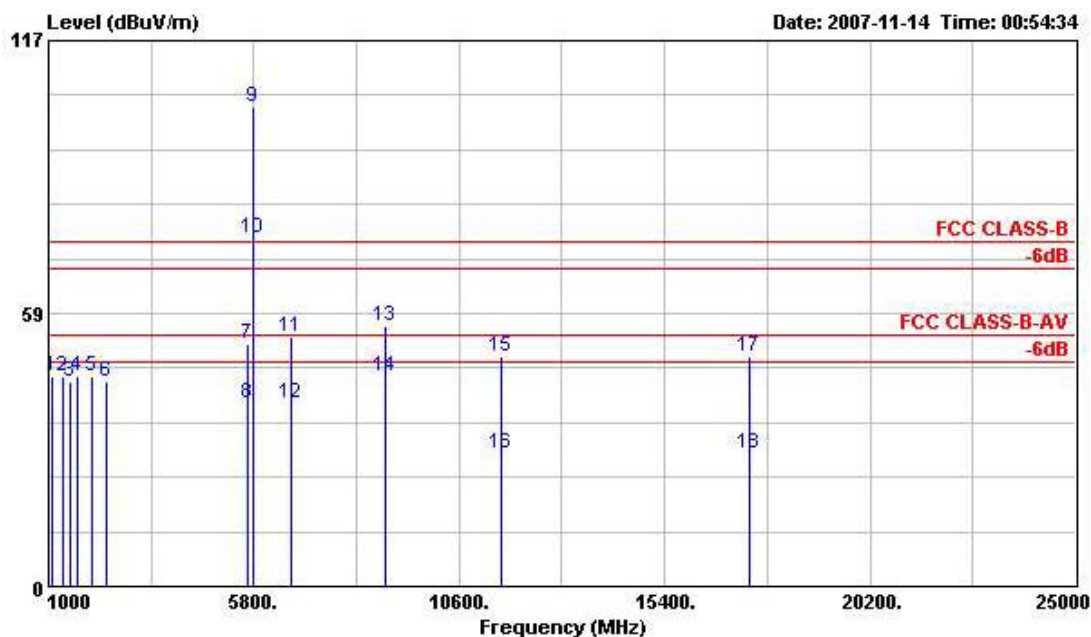
- Polarization : Vertical

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



Site : 03CH04-HY
 Condition: FCC CLASS-B 3m ANT2724 VERTICAL
 EUT : N/B
 POWER : 120Vac/60Hz
 MODEL : FR 701819
 MEMO : 11n(a) Tx(40M)_Ch159;5795MHz
 Data Rate: 54

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamplifier	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	32.700	30.22	-9.78	40.00	41.26	16.33	0.90	28.26	---	---	Peak
2	58.890	32.32	-7.68	40.00	55.74	3.76	1.10	28.28	100	236	Peak
3	275.970	30.84	-15.16	46.00	43.90	12.43	2.15	27.65	---	---	Peak
4	478.500	31.49	-14.51	46.00	40.91	16.65	2.77	28.85	---	---	Peak
5	556.900	30.11	-15.89	46.00	37.56	18.59	3.02	29.06	---	---	Peak
6	928.600	30.15	-15.85	46.00	30.70	24.23	3.97	28.74	---	---	Peak



Site : 03CH04-HY
Condition: FCC CLASS-B 3m HF-ANT-6903 VERTICAL
EUT : N/B
POWER : 120Vac/60Hz
MODEL : FR 701819
MEMO : 11n(a) Tx(40M)_Ch159;5795MHz
Data Rate: 54

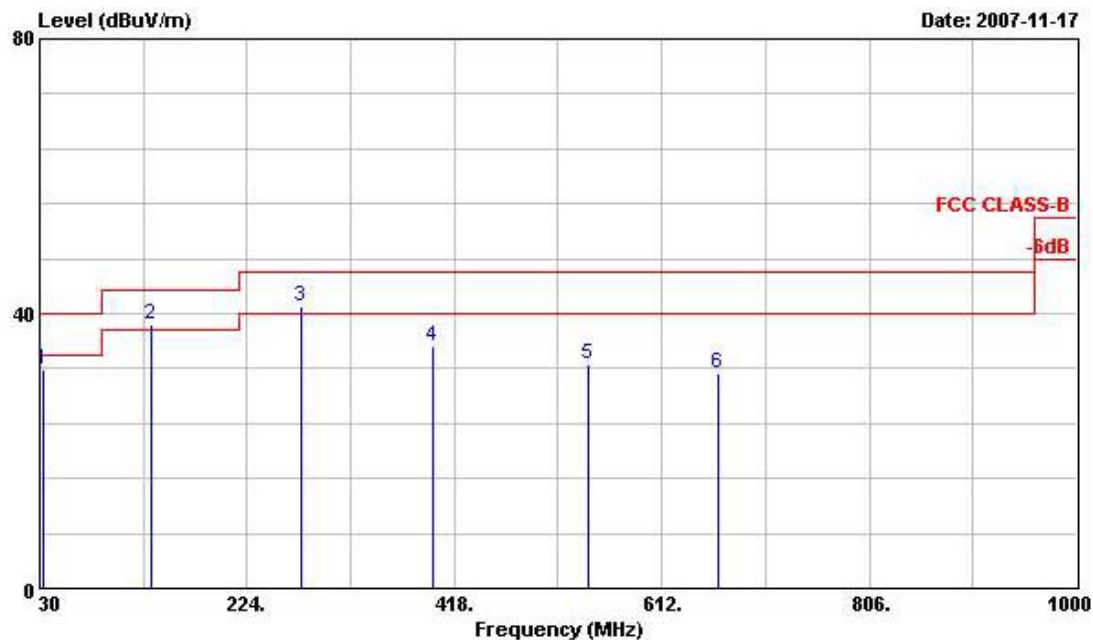
	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	Ant	Table	
	MHz	dBuV/m	Limit	Line	Level	Loss	Factor	Pos	Pos	Remark
			dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1	1100.000	45.19	-28.81	74.00	52.85	24.27	2.34	34.26	100	0 Peak
2	1326.000	45.06	-28.94	74.00	51.55	24.85	2.60	33.95	100	0 Peak
3	1500.000	43.90	-30.10	74.00	49.52	25.30	2.79	33.70	100	0 Peak
4	1662.000	44.91	-29.09	74.00	49.71	25.93	2.97	33.70	100	0 Peak
5	1998.000	45.05	-28.95	74.00	48.21	27.20	3.34	33.70	100	0 Peak
6	2334.000	43.85	-30.15	74.00	46.01	27.92	3.69	33.77	100	0 Peak
7	5638.000	52.05	-21.95	74.00	46.22	33.88	6.02	34.07	100	0 Peak
8	5638.000	39.22	-14.78	54.00	33.26	33.98	6.02	34.04	100	327 Average
9 @	5795.000	102.57			96.61	33.98	6.02	34.04	100	0 Peak
10 X	5795.000	74.68			68.72	33.98	6.02	34.04	100	327 Average
11	6686.000	53.32	-20.68	74.00	45.27	34.54	6.26	32.75	100	0 Peak
12	6686.000	39.41	-14.59	54.00	31.36	34.54	6.26	32.75	100	327 Average
13	8876.000	55.65	-18.35	74.00	45.20	37.94	7.21	34.70	100	0 Peak
14	8876.000	45.20	-8.80	54.00	34.75	37.94	7.21	34.70	100	175 Average
15	11586.000	49.25	-24.75	74.00	87.13	-11.40	7.85	34.33	100	0 Peak
16	11586.000	28.31	-25.69	54.00	66.19	-11.40	7.85	34.33	100	247 Average
17	17394.000	49.11	-24.89	74.00	85.02	-11.74	9.56	33.74	100	0 Peak
18	17394.000	28.51	-25.49	54.00	64.42	-11.74	9.56	33.74	100	277 Average

Remark: #3 and #4 Fundamental Signal



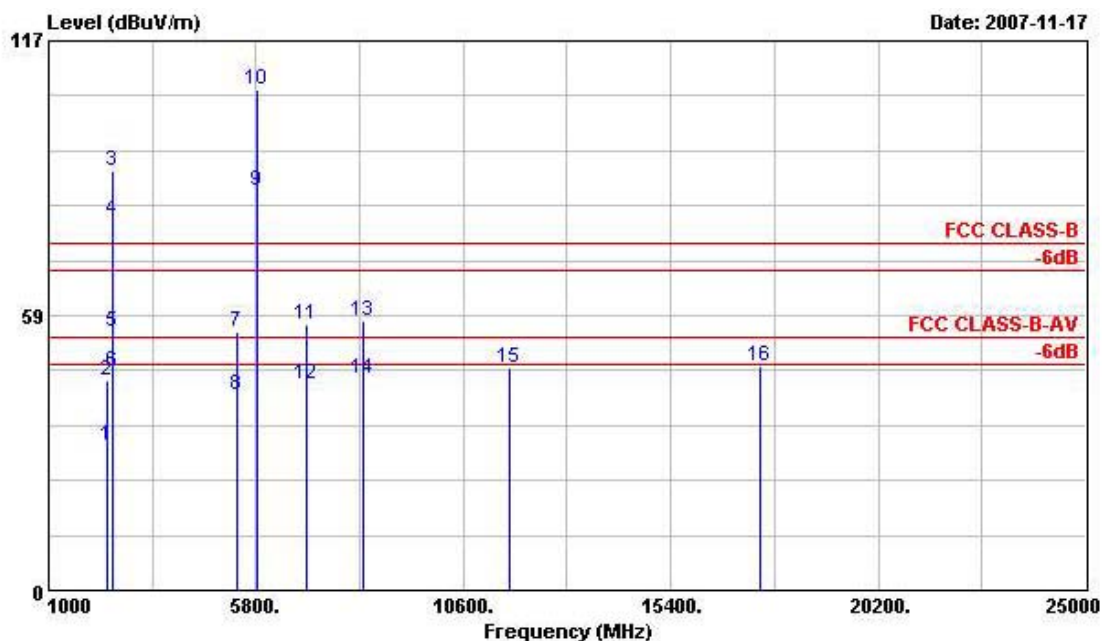
- Test Mode : Mode 18
- Polarization : Horizontal

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



Site : 03CH04-HY
 Condition: FCC CLASS-B 3m ANT2724 HORIZONTAL
 EUT : N/B
 POWER : 120Vac/60Hz
 MODEL : FR 701819
 MEMO : 11n(a)Tx(20M)_Ch165+BT Tx_Ch78 + Adaptor
 Data Rate: WLAN:36 BT:DH5

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark	
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	32.970	31.87	-8.13	40.00	42.91	16.33	0.90	28.26	---	---	Peak
2 !	134.490	38.29	-5.21	43.50	53.74	11.02	1.59	28.06	---	---	Peak
3 !	273.810	40.97	-5.03	46.00	54.03	12.45	2.14	27.65	100	184	Peak
4	397.300	35.29	-10.71	46.00	45.32	15.68	2.57	28.28	---	---	Peak
5	542.900	32.52	-13.48	46.00	40.40	18.19	2.97	29.04	---	---	Peak
6	665.400	31.31	-14.69	46.00	36.91	20.06	3.45	29.10	---	---	Peak



Site : 03CH04-HY
 Condition: FCC CLASS-B 3m HF-ANT-10094 HORIZONTAL
 EUT : N/B
 POWER : 120Vac/60Hz
 MODEL : FR 701819
 MEMO : 11n(a)Tx(20M)_Ch165+BT Tx_Ch78 + Adaptor
 Data Rate: WLAN:36 BT:DH5

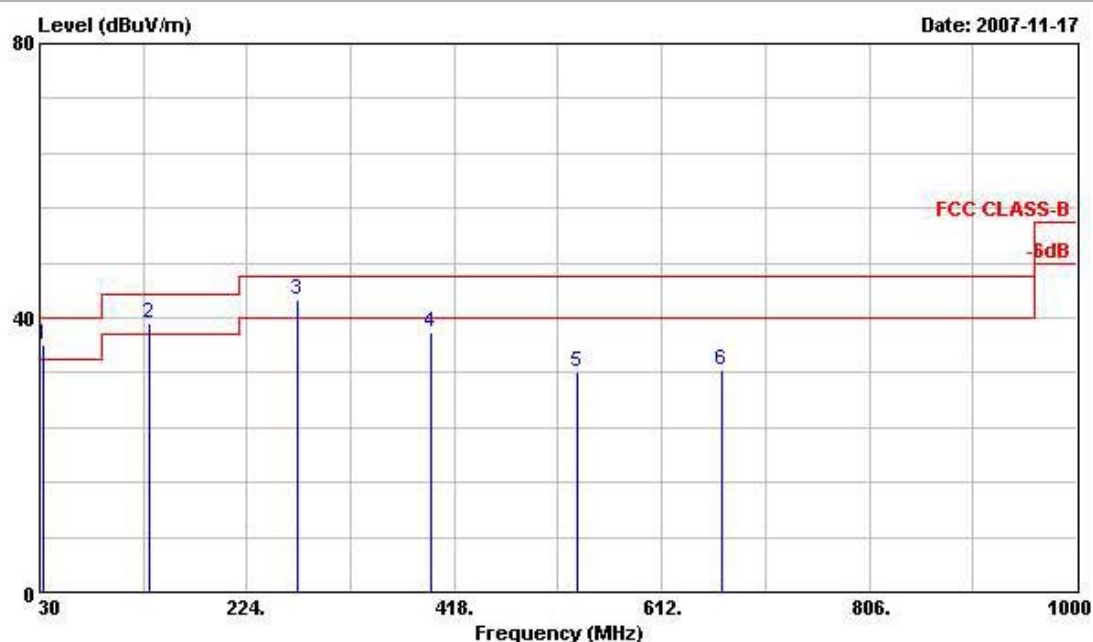
	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	Ant	Table	
	MHz	dBuV/m	Limit	Line	Level	Loss	Factor	Pos	Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1	2340.000	30.70	-23.30	54.00	30.26	30.52	3.69	33.77	100	97 Average
2	2340.000	44.68	-29.32	74.00	44.24	30.52	3.69	33.77	100	0 Peak
3 X	2480.000	89.36			88.99	30.32	3.84	33.80	100	0 Peak
4 X	2480.000	79.03			78.66	30.32	3.84	33.80	100	97 Average
5	2483.500	55.07	-18.93	74.00	54.70	30.32	3.84	33.80	100	0 Peak
6	2483.500	46.53	-7.47	54.00	46.16	30.32	3.84	33.80	100	97 Average
7	5340.000	54.92	-19.08	74.00	47.58	35.50	6.00	34.16	100	0 Peak
8	5340.000	41.72	-12.28	54.00	34.38	35.50	6.00	34.16	100	61 Average
9 X	5825.000	84.89			77.01	35.90	6.02	34.04	100	61 Average
10 X	5825.000	106.45			98.57	35.90	6.02	34.04	100	0 Peak
11	6966.000	56.56	-17.44	74.00	43.71	39.02	6.35	32.52	100	0 Peak
12	6966.000	44.03	-9.97	54.00	31.18	39.02	6.35	32.52	100	61 Average
13	8278.000	57.49	-16.51	74.00	45.11	39.50	6.90	34.02	100	0 Peak
14	8278.000	45.11	-8.89	54.00	32.73	39.50	6.90	34.02	100	145 Average
15	11658.000	47.22	-26.78	74.00	84.82	-11.10	7.86	34.36	100	0 Peak
16	17481.000	47.91	-26.09	74.00	84.09	-12.12	9.64	33.71	100	0 Peak

Remark: #3, #4, #9 and #10 Fundamental Signal



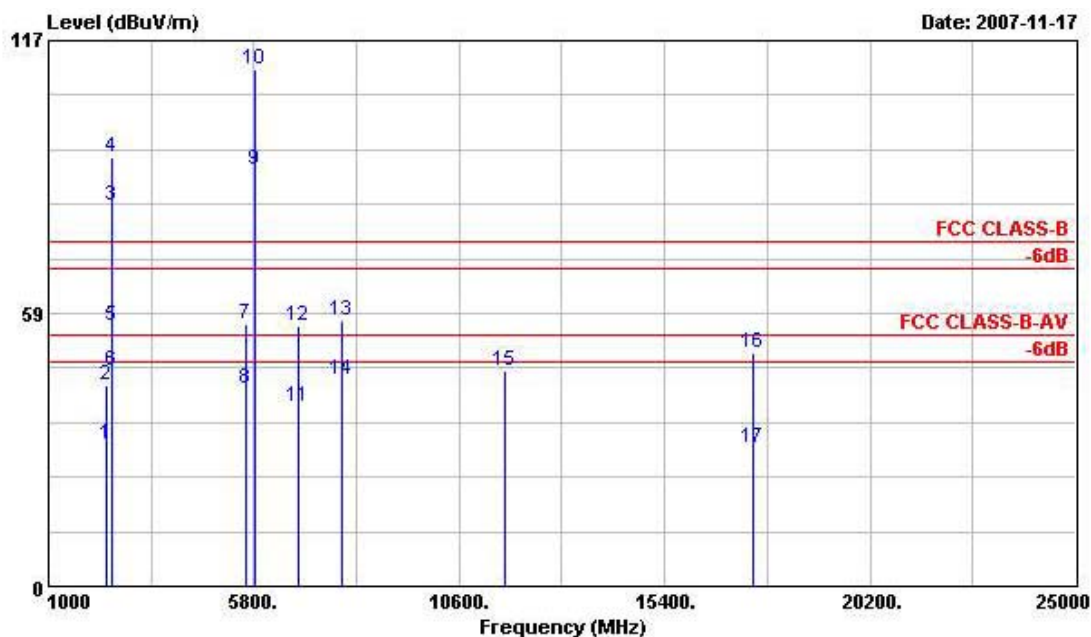
- Polarization : Vertical

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



Site : 03CH04-HY
 Condition: FCC CLASS-B 3m ANT2724 VERTICAL
 EUT : N/B
 POWER : 120Vac/60Hz
 MODEL : FR 701819
 MEMO : 11n(a)Tx(20M)_Ch165+BT Tx_Ch78 + Adaptor
 Data Rate: WLAN:36 BT:DH5

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Factor	Preamp Loss	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	cm	deg	
1 !	32.970	36.01	-3.99	40.00	47.05	16.33	0.90	28.26	---	Peak
2 !	133.140	39.15	-4.35	43.50	54.44	11.20	1.58	28.07	---	Peak
3 !	270.570	42.60	-3.40	46.00	55.67	12.46	2.13	27.66	100	214 Peak
4	396.600	37.82	-8.18	46.00	47.88	15.65	2.57	28.28	---	Peak
5	533.800	32.04	-13.96	46.00	40.24	17.90	2.94	29.03	---	Peak
6	668.200	32.39	-13.61	46.00	37.98	20.06	3.45	29.10	---	Peak



Site : 03CH04-HY
 Condition: FCC CLASS-B 3m HF-ANT-10094 VERTICAL
 EUT : N/B
 POWER : 120Vac/60Hz
 MODEL : FR 701819
 MEMO : 11n(a)Tx(20M)_Ch165+BT Tx_Ch78 + Adaptor
 Data Rate: WLAN:36 BT:DH5

	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	Ant	Table	
	MHz	dBuV/m	Limit	Line	Level	Loss	Factor	Pos	Pos	Remark
			dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1	2350.000	30.60	-23.40	54.00	30.16	30.52	3.69	33.77	100	88 Average
2	2350.000	42.98	-31.02	74.00	42.54	30.52	3.69	33.77	100	0 Peak
3 X	2480.000	81.55			81.18	30.32	3.84	33.80	100	88 Average
4 X	2480.000	92.03			91.66	30.32	3.84	33.80	100	0 Peak
5	2483.500	55.77	-18.23	74.00	55.40	30.32	3.84	33.80	100	0 Peak
6	2483.500	46.25	-7.75	54.00	45.88	30.32	3.84	33.80	100	88 Average
7	5622.000	56.13	-17.87	74.00	48.42	35.77	6.02	34.08	100	0 Peak
8	5622.000	42.17	-11.83	54.00	34.46	35.77	6.02	34.08	100	13 Average
9 X	5825.000	89.30			81.42	35.90	6.02	34.04	100	13 Average
10 @	5825.000	110.83			102.95	35.90	6.02	34.04	100	0 Peak
11	6854.000	38.39	-15.61	54.00	30.51	35.90	6.02	34.04	100	13 Average
12	6854.000	55.85	-18.15	74.00	43.75	38.39	6.31	32.61	100	0 Peak
13	7878.000	56.94	-17.06	74.00	44.40	39.48	6.71	33.65	100	0 Peak
14	7878.000	44.40	-9.60	54.00	31.86	39.48	6.71	33.65	100	284 Average
15	11649.000	46.37	-27.63	74.00	84.02	-11.14	7.86	34.36	100	0 Peak
16	17469.000	49.90	-24.10	74.00	86.06	-12.07	9.62	33.71	100	0 Peak
17	17469.000	29.62	-24.38	54.00	65.78	-12.07	9.62	33.71	100	168 Average

Remark: #3, #4, #9 and #10 Fundamental Signal



5.8 Antenna Requirements

5.8.1 Standard Applicable

For intentional device, according to FCC 47 CFR Section 15.203, an intentional radiator shall be designed to ensure that no other antenna except assembled by the responsible party shall be used with the device.

And according to FCC 47 CFR Section 15.247 (b), 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.

5.8.2 Antenna Connected Construction

The antennas used in this product are PIFA antenna for WLAN and BT without connector and it is considered to meet antenna requirement of FCC.

5.8.3 Antenna Gain

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



6. List of Measuring Equipments

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Due Date	Remark
EMC Receiver	R&S	ESCS 30	100359	9kHz – 2.75GHz	Mar. 01, 2007	Feb. 29, 2008	Conduction (CO04-HY)
LISN	MessTec	NNB-2/16Z	99079	9kHz – 30MHz	Mar. 31, 2007	Mar. 30, 2008	Conduction (CO04-HY)
LISN (Support Unit)	EMCO	3810/2NM	9703-1839	9kHz – 30MHz	Mar. 22, 2007	Mar. 21, 2008	Conduction (CO04-HY)
RF Cable-CON	UTIFLEX	3102-26886-4	CB049	9kHz – 30MHz	Apr. 20, 2007	Apr. 19, 2008	Conduction (CO04-HY)
ISN	SCHAFFNER	ISN T400	21653	9kHz – 30MHz	Mar. 09, 2007	Mar. 08, 2008	Conduction (CO04-HY)
EMI Filter	LINDGREN	LRE-2030	2651	< 450 Hz	N/A	N/A	Conduction (CO04-HY)
Isolation Transformer	Erika Fiedler OHG	D-65396 Walluf	58	45MHz-2.15GHz	N/A	N/A	Conduction (CO04-HY)
3m Semi Anechoic Chamber	TDK	SAC-3M	03CH04-HY	30 MHz - 1 GHz 3m	Oct. 29, 2007	Oct. 28, 2008	Radiation (03CH04-HY)
Amplifier	HP	87405A	3950M00135	10MHz - 3 GHz	Mar. 02, 2007	Mar. 01, 2008	Radiation (03CH04-HY)
Spectrum Analyzer	R&S	FSP30	100792	9 kHz – 30GHz	Dec. 13, 2006	Dec. 12, 2007	Radiation (03CH04-HY)
Bilog Antenna	SCHAFFNER	CBL6112B	2724	30 MHz - 1 GHz	Aug. 13, 2007	Aug. 12, 2008	Radiation (03CH04-HY)
Turn Table	HD	Deis HD 2000	420/610	0 - 360 degree	N/A	N/A	Radiation (03CH04-HY)
Antenna Mast	Chaintek	3000	N/A	1 m - 4 m	N/A	N/A	Radiation (03CH04-HY)
RF Cable-R03m	Suhner Switzerland + RFIDEN	RG223/U +RG8/U	CB024	30 MHz - 1 GHz	Sep. 20, 2007	Sep. 19, 2008	Radiation (03CH04-HY)
Isolation Transformer	Erika Fiedler OHG	D-65396 Walluf	N/A	45 MHz – 2.15 GHz 30dB	N/A	N/A	Radiation (03CH04-HY)

7. Uncertainty Evaluation

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

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

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

Contribution	Uncertainty of x_i		$u(x_i)$
	dB	Probability Distribution	
Receiver reading	0.11	Normal(k=2)	0.06
Antenna factor calibration	0.91	Normal(k=2)	0.46
Cable loss calibration	0.12	Normal(k=2)	0.06
Pre Amplifier Gain calibration	0.15	Normal(k=2)	0.08
RCV/SPA specification	2.50	Rectangular	0.72
Antenna Factor Interpolation for Frequency	1.00	Rectangular	0.29
Site imperfection	1.52	Rectangular	0.88
Mismatch	+0.45/-0.48	U-shaped	0.33
Combined standard uncertainty Uc(y)	1.30		
Measuring uncertainty for a level of confidence of 95% U=2Uc(y)	2.60		

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
Combined standard uncertainty $U_c(y)$	2.36				
Measuring uncertainty for a level of confidence of 95% $U = 2U_c(y)$	4.72				

The measured result is : $y \text{ dBuV} \pm U \text{ dB}$
for a level of confidence of approximately 95% , ($k = 2$)