

Trace: (Discrete)
 Site : 03CH06-HY
 Condition : SHF-EHF HORN HORIZONTAL
 EUT : PDA Phone
 Power : 120Vac/60Hz
 Model : FR 750203
 Memo : 11b Tx_Ch06;2437MHz
 Plane : E2
 Data Rate : 11

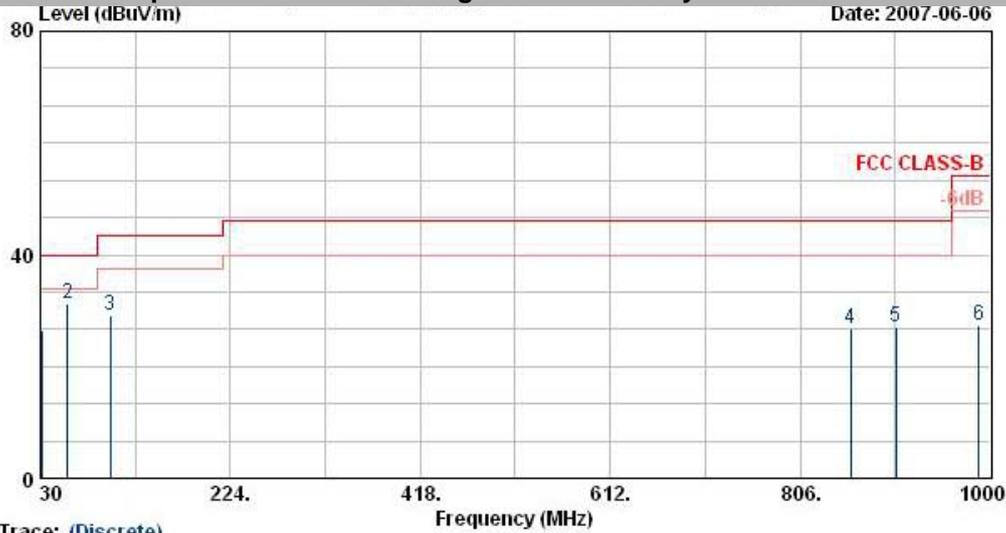
	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	2348.00	51.33	-22.67	74.00	52.80	30.24	3.71	35.42	100	0	Peak
2 @	2348.00	40.23	-13.77	54.00	41.71	30.24	3.71	35.42	100	330	Average
3 @	2437.00	98.04			99.42	30.28	3.82	35.47	100	330	Average
4 @	2437.00	104.84			106.22	30.28	3.82	35.47	100	0	Peak
5 @	2494.00	42.38	-11.62	54.00	43.73	30.30	3.88	35.53	100	330	Average
6	2494.00	53.75	-20.25	74.00	55.10	30.30	3.88	35.53	100	0	Peak
7	5421.00	48.57	-25.43	74.00	44.29	33.60	6.73	36.05	---	---	Peak
8 @	7947.00	56.99	-17.01	74.00	45.55	39.53	7.78	35.87	100	0	Peak
9 @	7947.00	44.19	-9.81	54.00	32.75	39.53	7.78	35.87	100	200	Average
10	10992.00	38.97	-35.03	74.00	73.39	-8.30	9.87	35.98	---	---	Peak
11	14961.00	40.11	-33.89	74.00	71.03	-6.23	11.29	35.98	---	---	Peak
12	16086.00	42.38	-31.62	74.00	70.85	-5.02	11.79	35.24	---	---	Peak
13	18867.00	48.77	-25.23	74.00	44.62	21.54	18.41	35.79	---	---	Peak
14	24936.00	48.65	-25.35	74.00	46.71	21.83	18.64	38.53	---	---	Peak

Remark: #3 and #4 Fundamental Signal



- Polarization : Vertical

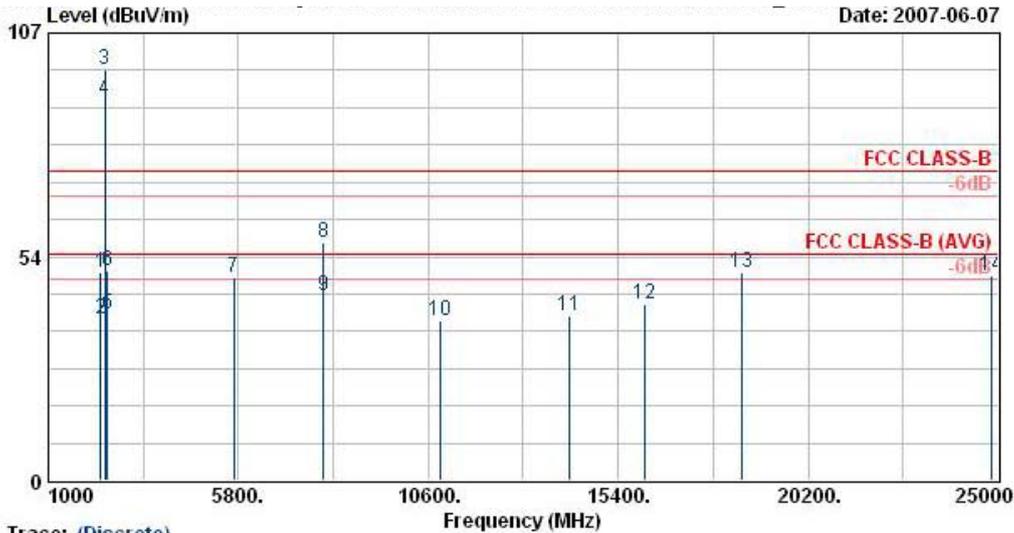
The test that passed at minimum margin was marked by the frame in the following table.



Trace: (Discrete)

Site : 03CH06-HY
 Condition : LF-ANT(951121) VERTICAL
 EUT : PDA Phone
 Power : 120Vac/60Hz
 Model : FR 750203
 Memo : 11b Tx_Ch06;2437MHz
 Plane : E2
 Data Rate : 11

	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 @	31.08	26.49	-13.51	40.00	38.11	18.95	0.85	31.43	---	---	Peak
2 @	58.08	31.32	-8.68	40.00	54.53	6.91	1.09	31.21	100	266	Peak
3 @	101.28	29.05	-14.45	43.50	47.71	11.07	1.42	31.15	---	---	Peak
4	857.90	26.79	-19.21	46.00	32.30	20.23	4.68	30.42	---	---	Peak
5	903.40	26.94	-19.06	46.00	31.93	20.55	4.83	30.36	---	---	Peak
6	988.80	27.28	-26.72	54.00	31.29	21.16	5.10	30.27	---	---	Peak



Date: 2007-06-07

Trace: (Discrete)

Site : 03CH06-HY
 Condition : SHF-EHF HORN VERTICAL
 EUT : PDA Phone
 Power : 120Vac/60Hz
 Model : FR 750203
 Memo : 11b Tx_Ch06;2437MHz
 Plane : E2
 Data Rate : 11

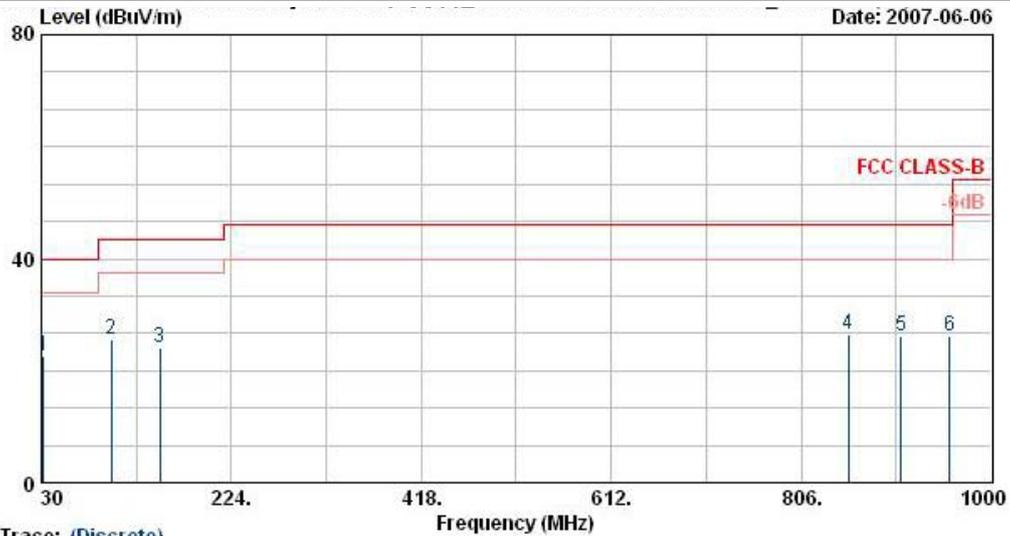
	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	2324.00	49.70	-24.30	74.00	51.19	30.23	3.69	35.40	100	0	Peak
2 @	2324.00	38.48	-15.52	54.00	39.97	30.23	3.69	35.40	100	254	Average
3 @	2437.00	98.30			99.68	30.28	3.82	35.47	100	0	Peak
4 @	2437.00	90.97			92.35	30.28	3.82	35.47	100	254	Average
5 @	2498.00	39.60	-14.40	54.00	40.95	30.30	3.88	35.53	100	254	Average
6	2498.00	50.11	-23.89	74.00	51.46	30.30	3.88	35.53	100	0	Peak
7	5697.00	48.41	-25.59	74.00	43.61	33.79	6.90	35.88	---	---	Peak
8 @	7962.00	57.00	-17.00	74.00	45.52	39.55	7.78	35.86	100	0	Peak
9 @	7962.00	44.22	-9.78	54.00	32.75	39.55	7.78	35.86	100	200	Average
10	10917.00	38.13	-35.87	74.00	72.73	-8.33	9.81	36.08	---	---	Peak
11	14166.00	39.40	-34.60	74.00	68.85	-6.27	11.66	34.84	---	---	Peak
12	16056.00	42.30	-31.70	74.00	70.99	-4.64	11.78	35.83	---	---	Peak
13	18522.00	49.82	-24.18	74.00	45.25	21.19	19.30	35.92	---	---	Peak
14	24848.00	48.93	-25.07	74.00	46.70	21.98	18.86	38.62	---	---	Peak

Remark: #3 and #4 Fundamental Signal



- Test Mode : Mode 3
- Polarization : Horizontal

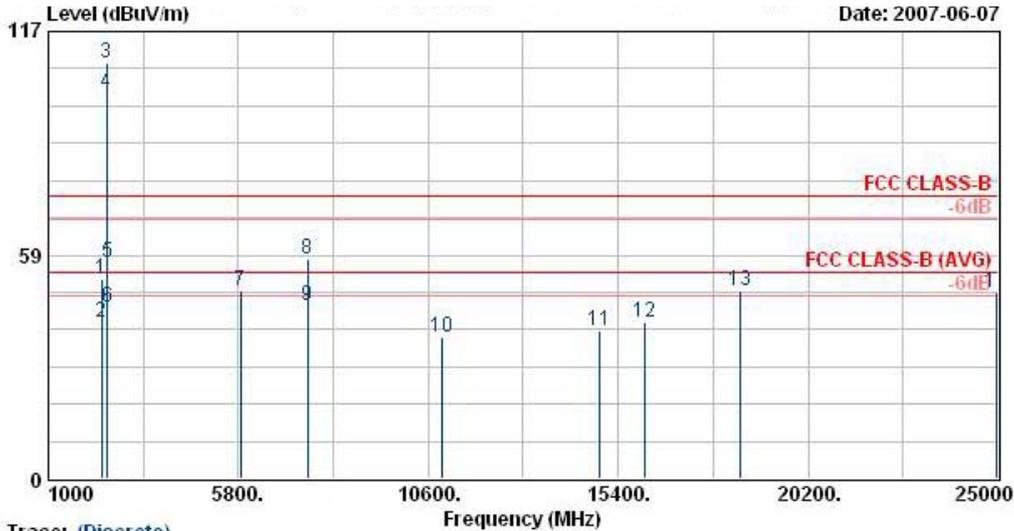
The test that passed at minimum margin was marked by the frame in the following table.



Trace: (Discrete)

Site : 03CH06-HY
 Condition : LF-ANT(051121) HORIZONTAL
 EUT : PDA Phone
 Power : 120Vac/60Hz
 Model : FR 750203
 Memo : 11b Tx_Ch11;2462MHz
 Plane : E2
 Data Rate : 11

	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 @	31.89	22.59	-17.41	40.00	34.88	18.25	0.86	31.39	100	188	Peak
2	101.28	25.53	-17.97	43.50	44.19	11.07	1.42	31.15	---	---	Peak
3	150.69	24.22	-19.28	43.50	43.05	10.40	1.83	31.07	---	---	Peak
4	854.40	26.37	-19.63	46.00	31.92	20.21	4.67	30.42	---	---	Peak
5	908.30	26.24	-19.76	46.00	31.17	20.59	4.84	30.35	---	---	Peak
6	957.30	26.27	-19.73	46.00	30.62	20.94	4.99	30.28	---	---	Peak



Trace: (Discrete)
 Site : 03CH06-HY
 Condition : SHF-EHF HORN HORIZONTAL
 EUT : PDA Phone
 Power : 120Vac/60Hz
 Model : FR 750203
 Memo : 11b Tx_Ch11;2462MHz
 Plane : E2
 Data Rate : 11

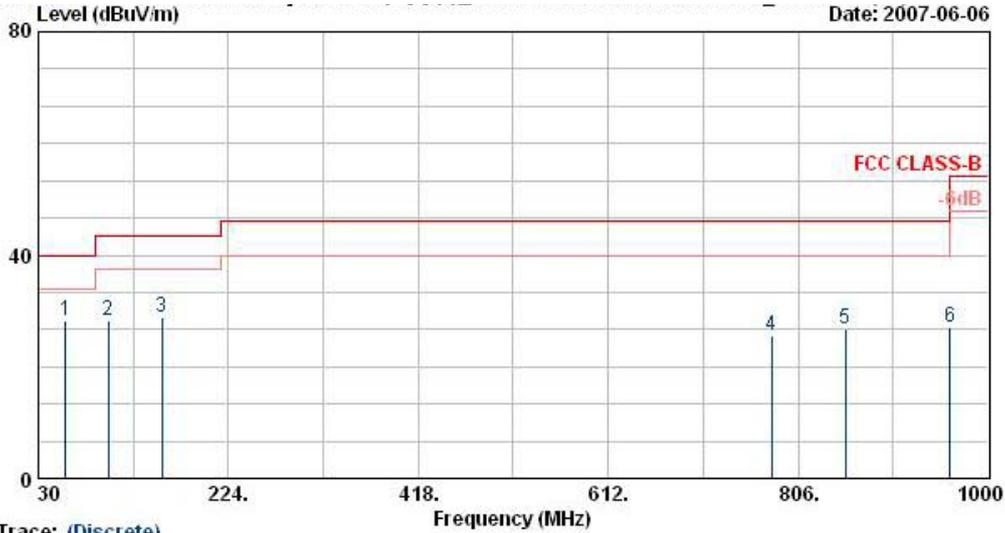
	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	2334.00	52.04	-21.96	74.00	53.52	30.23	3.69	35.40	100	0	Peak
2 @	2334.00	40.87	-13.13	54.00	42.36	30.23	3.69	35.40	100	167	Average
3 @	2462.00	108.77			110.14	30.29	3.84	35.49	100	0	Peak
4 @	2462.00	101.03			102.40	30.29	3.84	35.49	100	167	Average
5	2483.57	56.49	-17.51	74.00	57.85	30.29	3.86	35.51	100	167	Peak
6 @	2483.57	44.91	-9.09	54.00	46.27	30.29	3.86	35.51	100	167	Average
7	5856.00	49.00	-25.00	74.00	43.89	33.96	6.92	35.78	---	---	Peak
8 @	7551.00	57.32	-16.68	74.00	46.75	38.97	7.63	36.04	---	---	Peak
9 @	7551.00	45.07	-8.93	54.00	34.50	38.97	7.63	36.04	100	266	Average
10	10947.00	37.07	-36.93	74.00	71.59	-8.32	9.84	36.04	---	---	Peak
11	14907.00	38.71	-35.29	74.00	69.57	-6.27	11.34	35.93	---	---	Peak
12	16062.00	40.98	-33.02	74.00	69.37	-4.64	11.79	35.53	---	---	Peak
13	18486.00	48.95	-25.05	74.00	44.33	21.19	19.36	35.94	---	---	Peak
14	24948.00	48.92	-25.08	74.00	46.98	21.83	18.64	38.53	---	---	Peak

Remark: #3 and #4 Fundamental Signal



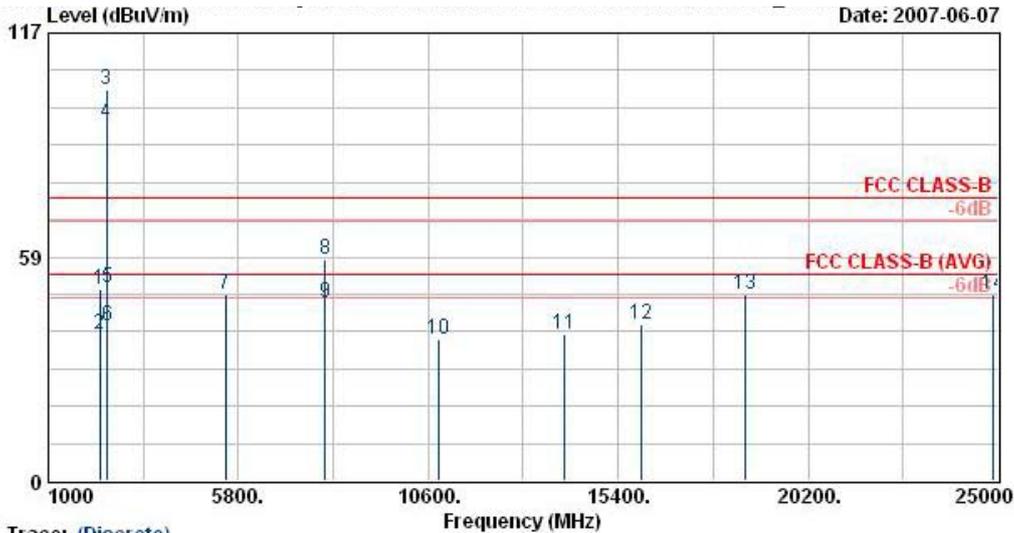
- Polarization : Vertical

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



Trace: (Discrete)
 Site : 03CH06-HY
 Condition : LP-ANT(951121) VERTICAL
 EUT : PDA Phone
 Power : 120Vac/60Hz
 Model : FR 750203
 Memo : 11b Tx_Ch11;2462MHz
 Plane : E2
 Data Rate : 11

	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 @	58.08	28.21	-11.79	40.00	51.41	6.91	1.09	31.21	100	354	Peak
2 @	101.28	28.32	-15.18	43.50	46.98	11.07	1.42	31.15	---	---	Peak
3 @	156.09	28.74	-14.76	43.50	47.70	10.24	1.85	31.05	---	---	Peak
4	778.80	25.49	-20.51	46.00	31.86	19.62	4.52	30.51	---	---	Peak
5	854.40	26.79	-19.21	46.00	32.34	20.21	4.67	30.42	---	---	Peak
6	960.80	26.93	-27.07	54.00	31.25	20.96	5.00	30.28	---	---	Peak



Date: 2007-06-07

Trace: (Discrete)

Site : 03CH06-HY
 Condition : SHF-EHF HORN VERTICAL
 EUT : PDA Phone
 Power : 120Vac/60Hz
 Model : FR 750203
 Memo : 11b Tx_Ch11;2462MHz
 Plane : E2
 Data Rate : 11

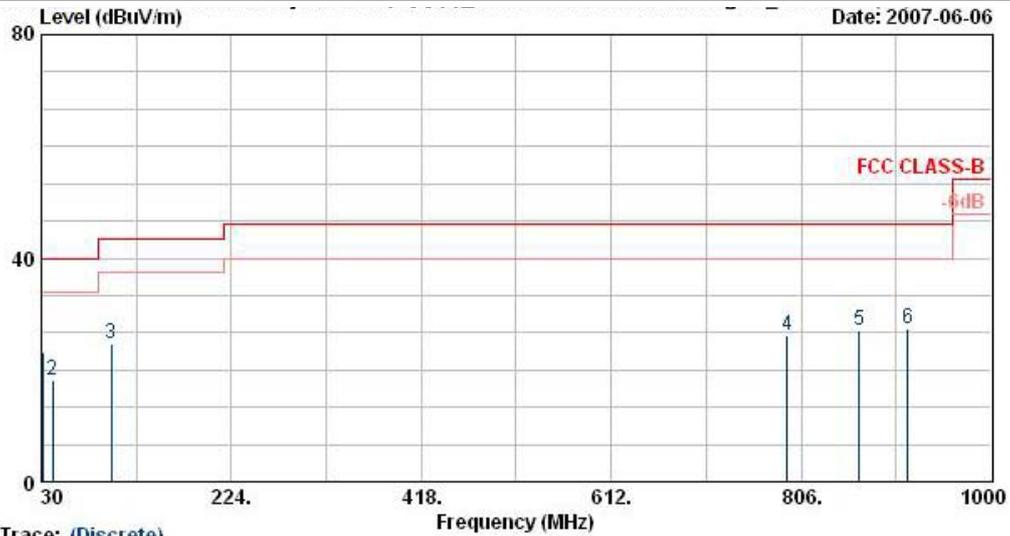
	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	2310.00	50.01	-23.99	74.00	51.51	30.22	3.66	35.39	100	0	Peak
2 @	2310.00	38.46	-15.54	54.00	39.96	30.22	3.66	35.39	100	131	Average
3 @	2462.00	102.08			103.45	30.29	3.84	35.49	100	0	Peak
4 @	2462.00	93.49			94.86	30.29	3.84	35.49	100	131	Average
5	2483.50	50.54	-23.46	74.00	51.90	30.29	3.86	35.51	100	0	Peak
6 @	2483.50	40.52	-13.48	54.00	41.88	30.29	3.86	35.51	100	131	Average
7	5472.00	48.67	-25.33	74.00	44.30	33.60	6.80	36.02	---	---	Peak
8 @	7986.00	57.89	-16.11	74.00	46.37	39.58	7.79	35.85	---	---	Peak
9 @	7986.00	46.42	-7.58	54.00	34.90	39.58	7.79	35.85	100	287	Average
10	10842.00	36.80	-37.20	74.00	71.58	-8.36	9.75	36.18	---	---	Peak
11	14022.00	38.35	-35.65	74.00	67.42	-6.12	11.63	34.58	---	---	Peak
12	15987.00	40.68	-33.32	74.00	69.30	-3.97	11.77	36.42	---	---	Peak
13	18591.00	48.58	-25.42	74.00	44.18	21.19	19.11	35.89	---	---	Peak
14	24876.00	48.91	-25.09	74.00	46.75	21.94	18.80	38.59	---	---	Peak

Remark: #3 and #4 Fundamental Signal



- Test Mode : Mode 4
- Polarization : Horizontal

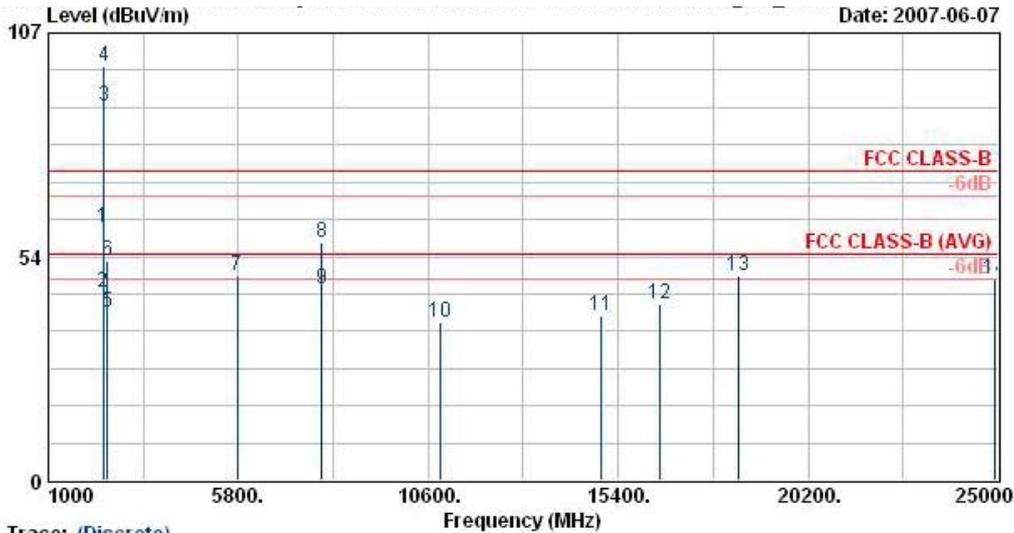
The test that passed at minimum margin was marked by the frame in the following table.



Trace: (Discrete)

Site : 03CH06-HY
 Condition : LF-ANT(051121) HORIZONTAL
 EUT : PDA Phone
 Power : 120Vac/60Hz
 Model : FR 750203
 Memo : 11g Tx_Ch01;2412MHz
 Plane : E2
 Data Rate : 54

	Freq	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1 @	31.08	23.25	-16.75	40.00	34.88	18.95	0.85	31.43	100	211	Peak
2	41.34	18.23	-21.77	40.00	35.96	12.51	0.92	31.17	---	---	Peak
3	101.28	24.70	-18.80	43.50	43.36	11.07	1.42	31.15	---	---	Peak
4	791.40	26.16	-19.84	46.00	32.33	19.74	4.59	30.50	---	---	Peak
5	864.90	26.96	-19.04	46.00	32.38	20.28	4.70	30.41	---	---	Peak
6	915.30	27.45	-18.55	46.00	32.29	20.64	4.86	30.34	---	---	Peak



Trace: (Discrete)

Site : 03CH06-HY
 Condition : SHF-EHF HORN HORIZONTAL
 EUT : PDA Phone
 Power : 120Vac/60Hz
 Model : FR 750203
 Memo : 11g Tx_Ch01;2412MHz
 Plane : E2
 Data Rate : 54

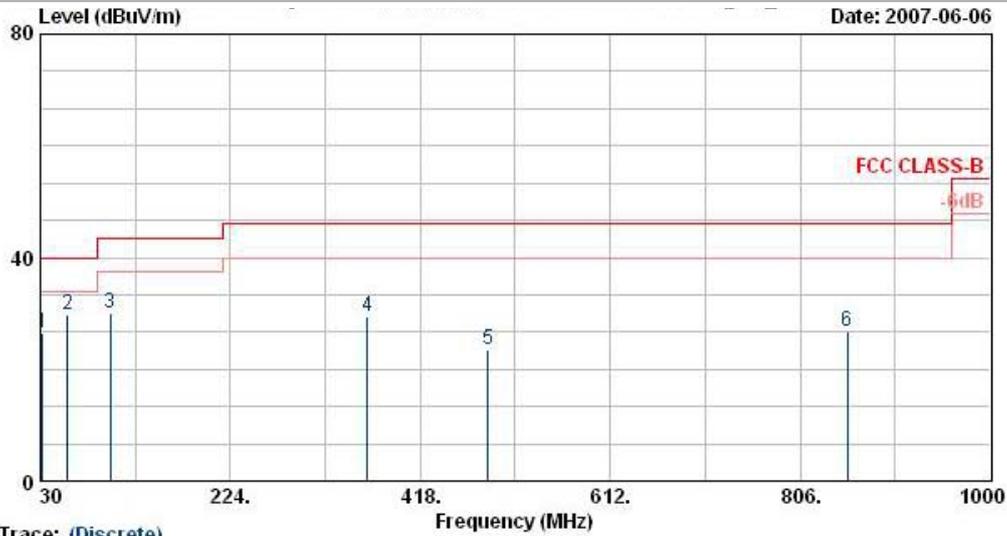
	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1 @	2389.92	60.49	-13.51	74.00	61.94	30.26	3.75	35.46	100	0	Peak
2 @	2389.92	45.00	-9.00	54.00	46.45	30.26	3.75	35.46	100	28	Average
3 @	2412.00	89.68			91.10	30.27	3.77	35.46	100	28	Average
4 @	2412.00	99.18			100.60	30.27	3.77	35.46	100	0	Peak
5 @	2494.00	40.11	-13.89	54.00	41.46	30.30	3.88	35.53	100	28	Average
6	2494.00	52.44	-21.56	74.00	53.78	30.30	3.88	35.53	100	0	Peak
7	5781.00	48.97	-25.03	74.00	44.02	33.88	6.91	35.83	---	---	Peak
8	7917.00	56.90	-17.10	74.00	45.54	39.48	7.76	35.88	---	---	Peak
9 @	7917.00	45.77	-8.23	54.00	34.40	39.48	7.76	35.88	100	199	Average
10	10902.00	37.89	-36.11	74.00	72.54	-8.34	9.80	36.11	---	---	Peak
11	14952.00	39.29	-34.71	74.00	70.20	-6.24	11.31	35.98	---	---	Peak
12	16467.00	42.27	-31.73	74.00	70.93	-9.73	11.87	30.81	---	---	Peak
13	18447.00	48.88	-25.12	74.00	44.79	21.19	18.87	35.97	---	---	Peak
14	24936.00	48.27	-25.73	74.00	46.34	21.83	18.64	38.53	---	---	Peak

Remark: #3 and #4 Fundamental Signal



- Polarization : Vertical

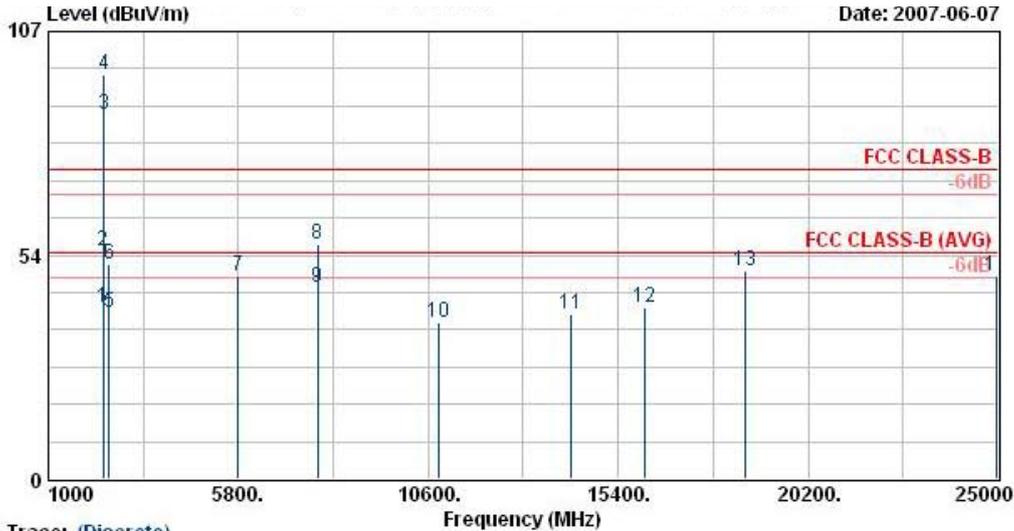
The test that passed at minimum margin was marked by the frame in the following table.



Trace: (Discrete)

Site : 03CH06-HY
 Condition : LF-ANT(951121) VERTICAL
 EUT : PDA Phone
 Power : 120Vac/60Hz
 Model : FR 750203
 Memo : 11g Tx_Ch01;2412MHz
 Plane : E2
 Data Rate : 54

	Freq	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1 @	32.43	26.39	-13.61	40.00	39.34	17.54	0.86	31.36	---	---	Peak
2 @	58.08	29.64	-10.36	40.00	52.84	6.91	1.09	31.21	100	244	Peak
3 @	101.28	30.10	-13.40	43.50	48.76	11.07	1.42	31.15	---	---	Peak
4 @	364.40	29.49	-16.51	46.00	42.58	14.87	2.94	30.89	---	---	Peak
5 @	486.90	23.52	-22.48	46.00	33.65	17.21	3.47	30.80	---	---	Peak
6 @	854.40	26.82	-19.18	46.00	32.38	20.21	4.67	30.42	---	---	Peak



Date: 2007-06-07

Trace: (Discrete)

Site : 03CH06-HY
 Condition : SHF-EHF HORN VERTICAL
 EUT : PDA Phone
 Power : 120Vac/60Hz
 Model : FR 750203
 Memo : 11g Tx_Ch01;2412MHz
 Plane : E2
 Data Rate : 54

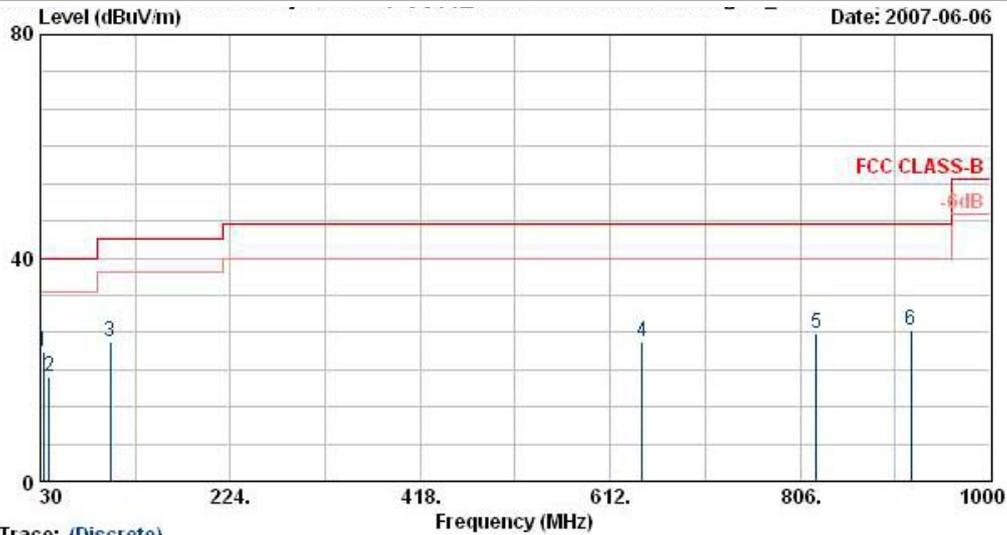
	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1 @	2389.92	41.15	-12.85	54.00	42.60	30.26	3.75	35.46	100	267	Average
2	2389.92	54.49	-19.51	74.00	55.94	30.26	3.75	35.46	100	0	Peak
3 @	2412.00	87.02			88.44	30.27	3.77	35.46	100	267	Average
4 @	2412.00	96.68			98.09	30.27	3.77	35.46	100	0	Peak
5 @	2524.00	39.66	-14.34	54.00	41.04	30.25	3.90	35.53	100	267	Average
6	2524.00	51.17	-22.83	74.00	52.54	30.25	3.90	35.53	100	0	Peak
7	5787.00	48.63	-25.37	74.00	43.64	33.89	6.91	35.81	---	---	Peak
8	7797.00	56.23	-17.77	74.00	45.12	39.32	7.72	35.92	---	---	Peak
9 @	7797.00	45.72	-8.28	54.00	34.60	39.32	7.72	35.92	100	64	Average
10	10842.00	37.37	-36.63	74.00	72.16	-8.36	9.75	36.18	---	---	Peak
11	14196.00	39.37	-34.63	74.00	68.88	-6.30	11.67	34.89	---	---	Peak
12	16056.00	41.04	-32.96	74.00	69.73	-4.64	11.78	35.83	---	---	Peak
13	18597.00	49.54	-24.46	74.00	45.14	21.19	19.11	35.89	---	---	Peak
14	24948.00	48.49	-25.51	74.00	46.55	21.83	18.64	38.53	---	---	Peak

Remark: #3 and #4 Fundamental Signal



- Test Mode : Mode 5
- Polarization : Horizontal

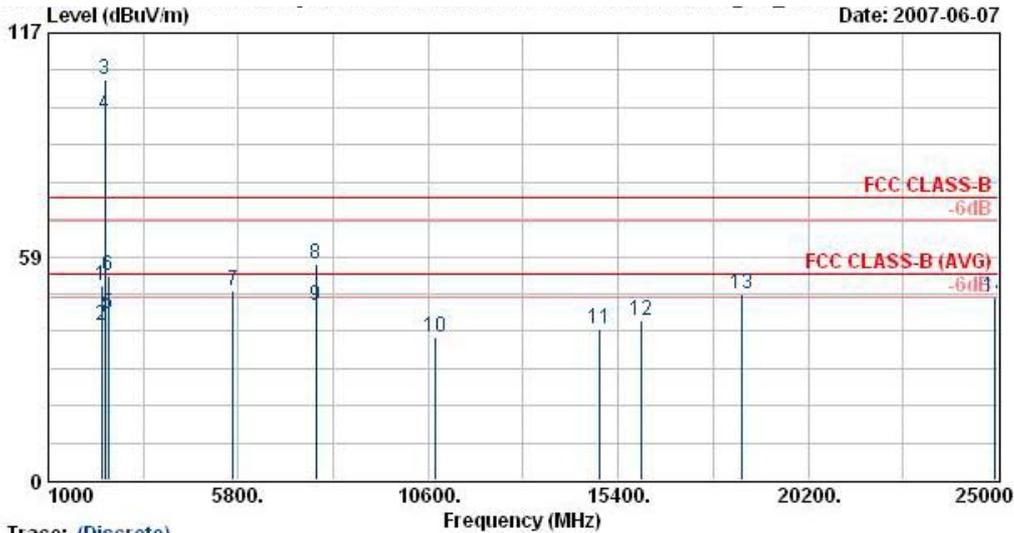
The test that passed at minimum margin was marked by the frame in the following table.



Trace: (Discrete)

Site : 03CH06-HY
 Condition : LF-ANT(951121) HORIZONTAL
 EUT : PDA Phone
 Power : 120Vac/60Hz
 Model : FR 750203
 Memo : 11g Tx_Ch06;2437MHz
 Plane : E2
 Data Rate : 54

	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 @	33.24	23.15	-16.85	40.00	36.10	17.54	0.86	31.36	100	255	Peak
2	38.64	18.72	-21.28	40.00	35.00	14.03	0.91	31.23	---	---	Peak
3	101.28	24.84	-18.66	43.50	43.50	11.07	1.42	31.15	---	---	Peak
4	644.40	24.86	-21.14	46.00	32.77	18.65	4.09	30.65	---	---	Peak
5	822.90	26.51	-19.49	46.00	32.35	19.98	4.64	30.46	---	---	Peak
6	918.80	27.09	-18.91	46.00	31.89	20.66	4.87	30.34	---	---	Peak



Trace: (Discrete)

Site : 03CH06-HY
 Condition : SHF-EHF HORN HORIZONTAL
 EUT : PDA Phone
 Power : 120Vac/60Hz
 Model : FR 750203
 Memo : 11g Tx_Ch06;2437MHz
 Plane : E2
 Data Rate : 54

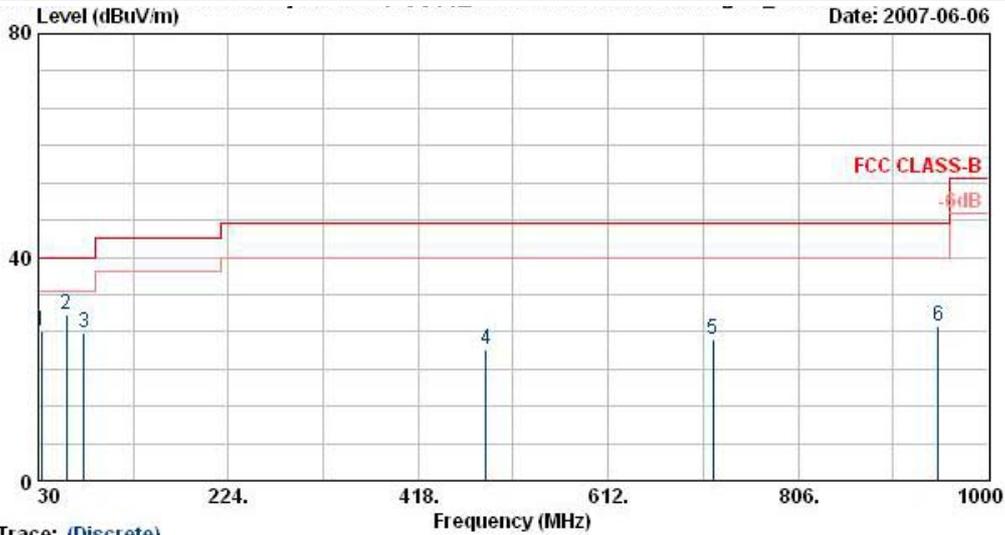
	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	2348.00	50.94	-23.06	74.00	52.42	30.24	3.71	35.42	100	0	Peak
2 @	2348.00	40.63	-13.37	54.00	42.11	30.24	3.71	35.42	100	170	Average
3 @	2437.00	105.03			106.41	30.28	3.82	35.47	100	0	Peak
4 @	2437.00	95.48			96.86	30.28	3.82	35.47	100	170	Average
5 @	2508.00	43.53	-10.47	54.00	44.90	30.28	3.88	35.53	100	170	Average
6	2508.00	53.71	-20.29	74.00	55.08	30.28	3.88	35.53	100	0	Peak
7	5667.00	49.43	-24.57	74.00	44.66	33.77	6.89	35.90	---	---	Peak
8	7752.00	56.69	-17.31	74.00	45.69	39.25	7.70	35.95	---	---	Peak
9 @	7752.00	45.60	-8.40	54.00	34.60	39.25	7.70	35.95	100	299	Average
10	10761.00	37.48	-36.52	74.00	72.46	-8.40	9.69	36.27	---	---	Peak
11	14922.00	39.70	-34.30	74.00	70.59	-6.26	11.32	35.95	---	---	Peak
12	16002.00	41.96	-32.04	74.00	70.50	-3.90	11.77	36.42	---	---	Peak
13	18516.00	48.85	-25.15	74.00	44.28	21.19	19.30	35.92	---	---	Peak
14	24908.00	48.01	-25.99	74.00	46.00	21.87	18.69	38.55	---	---	Peak

Remark: #3 and #4 Fundamental Signal



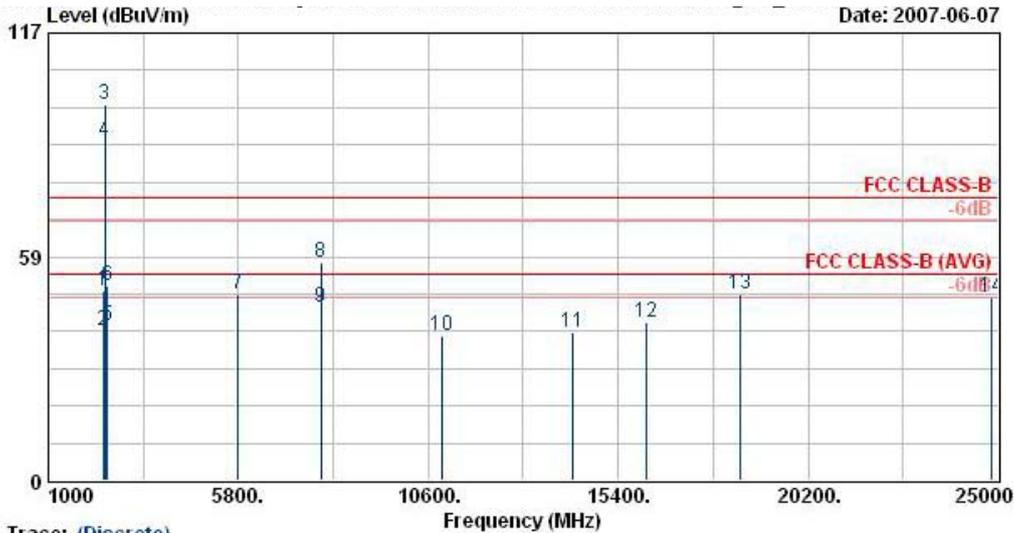
- Polarization : Vertical

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



Trace: (Discrete)
 Site : 03CH06-HY
 Condition : LP-ANT(951121) VERTICAL
 EUT : PDA Phone
 Power : 120Vac/60Hz
 Model : FR 750203
 Memo : 11g Tx_Ch06;2437MHz
 Plane : E2
 Data Rate : 54

	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 @	33.24	26.64	-13.36	40.00	39.60	17.54	0.86	31.36	---	---	Peak
2 @	58.89	29.68	-10.32	40.00	53.04	6.77	1.11	31.23	100	344	Peak
3 @	76.44	26.49	-13.51	40.00	49.02	7.29	1.31	31.13	---	---	Peak
4	486.90	23.53	-22.47	46.00	33.66	17.21	3.47	30.80	---	---	Peak
5	719.30	25.13	-20.87	46.00	32.33	19.07	4.30	30.57	---	---	Peak
6	948.90	27.58	-18.42	46.00	32.03	20.87	4.96	30.28	---	---	Peak



Date: 2007-06-07

Trace: (Discrete)
 Site : 03CH06-HY
 Condition : SHF-EHF HORN VERTICAL
 EUT : PDA Phone
 Power : 120Vac/60Hz
 Model : FR 750203
 Memo : 11g Tx_Ch06;2437MHz
 Plane : E2
 Data Rate : 54

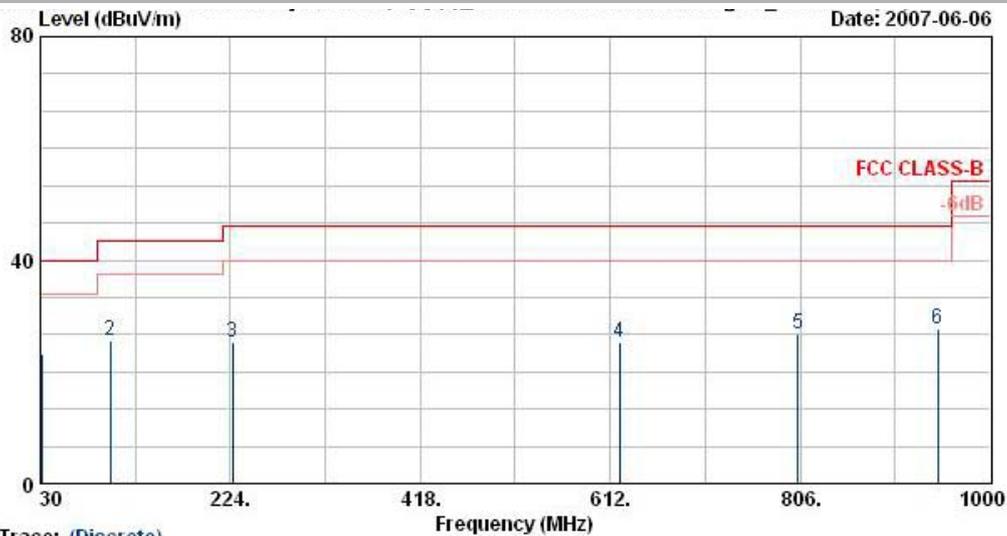
	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	2384.00	49.76	-24.24	74.00	51.19	30.25	3.75	35.44	100	0	Peak
2 @	2384.00	39.08	-14.92	54.00	40.52	30.25	3.75	35.44	100	142	Average
3 @	2437.00	98.10			99.48	30.28	3.82	35.47	100	0	Peak
4 @	2437.00	88.69			90.07	30.28	3.82	35.47	100	142	Average
5 @	2494.00	40.33	-13.67	54.00	41.68	30.30	3.88	35.53	100	142	Average
6	2494.00	50.86	-23.14	74.00	52.21	30.30	3.88	35.53	100	0	Peak
7	5787.00	48.89	-25.11	74.00	43.90	33.89	6.91	35.81	---	---	Peak
8	7887.00	56.96	-17.04	74.00	45.67	39.44	7.75	35.89	---	---	Peak
9 @	7887.00	45.39	-8.61	54.00	34.10	39.44	7.75	35.89	100	301	Average
10	10956.00	37.64	-36.36	74.00	72.16	-8.32	9.84	36.04	---	---	Peak
11	14232.00	38.75	-35.25	74.00	68.40	-6.33	11.67	34.99	---	---	Peak
12	16092.00	41.45	-32.55	74.00	69.91	-5.02	11.79	35.24	---	---	Peak
13	18477.00	48.89	-25.11	74.00	44.54	21.19	19.12	35.96	---	---	Peak
14	24836.00	48.00	-26.00	74.00	45.78	21.98	18.86	38.62	---	---	Peak

Remark: #3 and #4 Fundamental Signal



- Test Mode : Mode 6
- Polarization : Horizontal

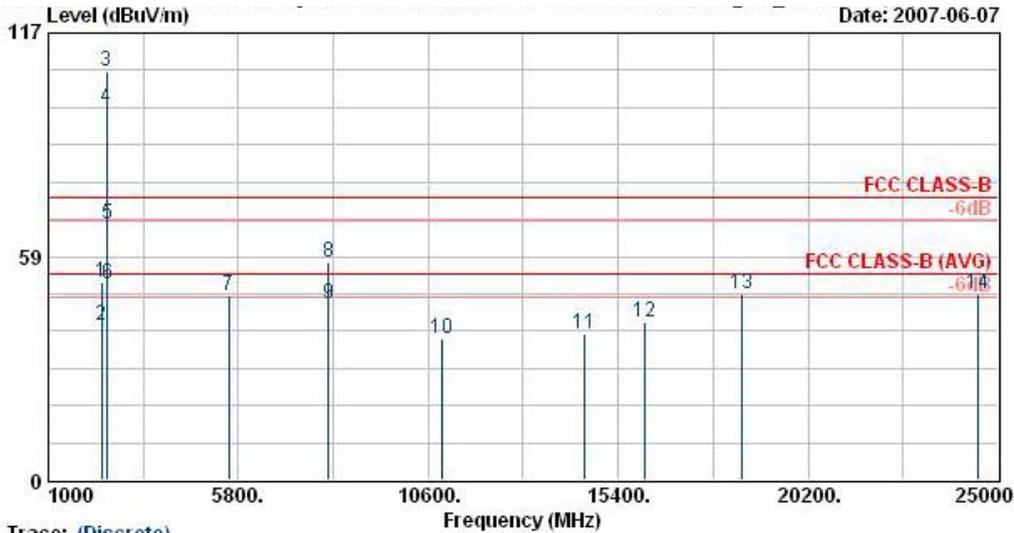
The test that passed at minimum margin was marked by the frame in the following table.



Trace: (Discrete)

Site : 03CH06-HY
 Condition : LF-ANT(051121) HORIZONTAL
 EUT : PDA Phone
 Power : 120Vac/60Hz
 Model : FR 750203
 Memo : 11g Tx_Ch11;2462MHz
 Plane : E2
 Data Rate : 54

	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 @	31.08	23.18	-16.82	40.00	34.80	18.95	0.85	31.43	100	350	Peak
2	101.28	25.65	-17.85	43.50	44.31	11.07	1.42	31.15	---	---	Peak
3	226.29	25.34	-20.66	46.00	43.30	10.84	2.17	30.97	---	---	Peak
4	621.30	25.14	-20.86	46.00	33.26	18.56	3.98	30.66	---	---	Peak
5	803.30	26.74	-19.26	46.00	32.75	19.84	4.63	30.49	---	---	Peak
6	946.80	27.55	-18.45	46.00	32.02	20.86	4.95	30.29	---	---	Peak



Trace: (Discrete)

Site : 03CH06-HY
 Condition : SHF-EHF HORN HORIZONTAL
 EUT : PDA Phone
 Power : 120Vac/60Hz
 Model : FR 750203
 Memo : 11g Tx_Ch11;2462MHz
 Plane : E2
 Data Rate : 54

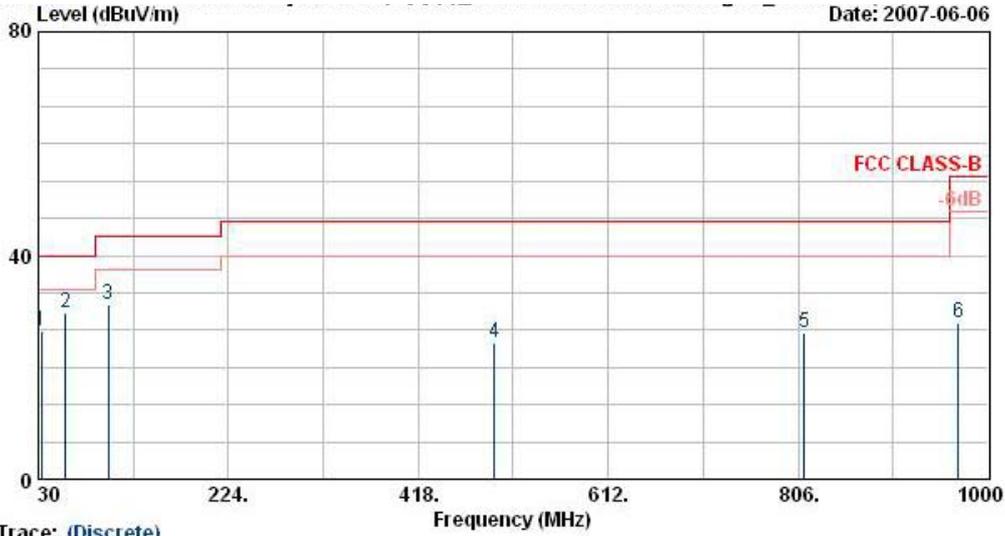
	Freq	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
	MHz	dBuV/m	Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	
			dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	2334.00	51.65	-22.35	74.00	53.14	30.23	3.69	35.40	100	0	Peak
2 @	2334.00	40.28	-13.72	54.00	41.77	30.23	3.69	35.40	100	172	Average
3 @	2462.00	106.82			108.19	30.29	3.84	35.49	100	0	Peak
4 @	2462.00	97.46			98.83	30.29	3.84	35.49	100	172	Average
5 @	2483.53	66.85	-7.15	74.00	68.21	30.29	3.86	35.51	100	0	Peak
6 @	2483.53	51.32	-2.68	54.00	52.68	30.29	3.86	35.51	100	172	Average
7	5571.00	48.48	-25.52	74.00	43.89	33.67	6.88	35.96	---	---	Peak
8	8082.00	56.88	-17.12	74.00	45.36	39.53	7.89	35.90	---	---	Peak
9 @	8082.00	46.12	-7.88	54.00	34.60	39.53	7.89	35.90	100	288	Average
10	10926.00	37.16	-36.84	74.00	71.75	-8.33	9.81	36.08	---	---	Peak
11	14556.00	38.47	-35.53	74.00	68.90	-6.55	11.69	35.57	---	---	Peak
12	16086.00	41.30	-32.70	74.00	69.76	-5.02	11.79	35.24	---	---	Peak
13	18537.00	48.75	-25.25	74.00	44.24	21.19	19.23	35.91	---	---	Peak
14	24508.00	48.52	-25.48	74.00	46.07	21.79	19.57	38.90	---	---	Peak

Remark: #3 and #4 Fundamental Signal



- Polarization : Vertical

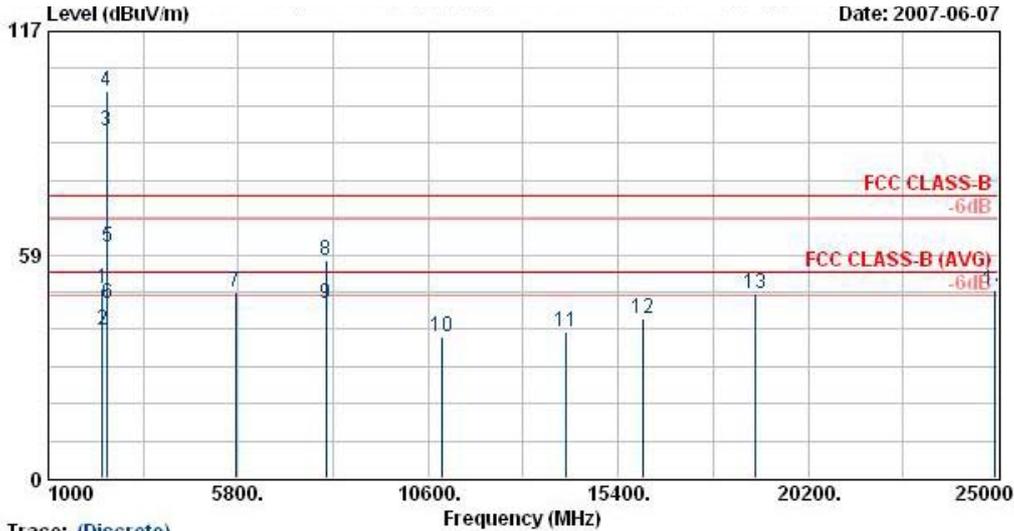
The test that passed at minimum margin was marked by the frame in the following table.



Trace: (Discrete)

Site : 03CH06-HY
 Condition : LP-ANT(951121) VERTICAL
 EUT : PDA Phone
 Power : 120Vac/60Hz
 Model : FR 750203
 Memo : 11g Tx_Ch11;2462MHz
 Plane : E2
 Data Rate : 54

	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 @	33.24	26.58	-13.42	40.00	39.54	17.54	0.86	31.36	---	---	Peak
2 @	58.08	29.77	-10.23	40.00	52.97	6.91	1.09	31.21	100	111	Peak
3 @	101.28	31.23	-12.27	43.50	49.89	11.07	1.42	31.15	---	---	Peak
4	496.00	24.49	-21.51	46.00	34.44	17.35	3.49	30.79	---	---	Peak
5	812.40	26.20	-19.80	46.00	32.13	19.91	4.64	30.47	---	---	Peak
6	969.90	27.96	-26.04	54.00	32.17	21.03	5.03	30.28	---	---	Peak



Date: 2007-06-07

Trace: (Discrete)

Site : 03CH06-HY
 Condition : SHF-EHF HORN VERTICAL
 EUT : PDA Phone
 Power : 120Vac/60Hz
 Model : FR 750203
 Memo : 11g Tx_Ch11;2462MHz
 Plane : E2
 Data Rate : 54

	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	2368.00	49.57	-24.43	74.00	51.03	30.24	3.73	35.44	100	0	Peak
2 @	2368.00	38.67	-15.33	54.00	40.13	30.24	3.73	35.44	100	138	Average
3 @	2462.00	90.91			92.28	30.29	3.84	35.49	100	138	Average
4 @	2462.00	101.23			102.60	30.29	3.84	35.49	100	0	Peak
5 @	2483.53	60.42	-13.58	74.00	61.78	30.29	3.86	35.51	100	0	Peak
6 @	2483.53	45.73	-8.27	54.00	47.09	30.29	3.86	35.51	100	138	Average
7	5721.00	48.74	-25.26	74.00	43.88	33.82	6.90	35.86	---	---	Peak
8	8007.00	56.94	-17.06	74.00	45.39	39.60	7.81	35.86	---	---	Peak
9 @	8007.00	45.85	-8.15	54.00	34.30	39.60	7.81	35.86	100	280	Average
10	10956.00	37.14	-36.86	74.00	71.66	-8.32	9.84	36.04	---	---	Peak
11	14061.00	38.08	-35.92	74.00	67.23	-6.16	11.64	34.63	---	---	Peak
12	16041.00	41.66	-32.34	74.00	70.10	-4.40	11.78	35.83	---	---	Peak
13	18867.00	48.46	-25.54	74.00	44.31	21.54	18.41	35.79	---	---	Peak
14	24936.00	49.05	-24.95	74.00	47.11	21.83	18.64	38.53	---	---	Peak

Remark: #3 and #4 Fundamental Signal



5.8 Antenna Requirements

5.12.1 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.

5.12.2 Antenna Connected Construction

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

5.12.3 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 Used

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Due Date	Remark
EMC Receiver	R&S	ESCS 30	100359	9kHz – 2.75GHz	Mar. 01, 2007	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)
EMI Filter	LINDGREN	LRE-2030	2651	< 450 Hz	N/A	N/A	Conduction (CO04-HY)
Isolation Transformer	Erika Fiedler OHG	D-65396 Walluf	58	45MHz-2.15GHz	N/A	N/A	Conduction (CO04-HY)
Spectrum analyzer	Agilent	E4408B	MY44211030	9KHz-26.5GHz	Oct. 05, 2006	Oct. 04, 2007	Radiation (03CH06-HY)
EMI Test Receiver	R&S	ESCS30	100356	9KHz-2.75GHz	Jul. 26, 200	Jul. 25, 2008	Radiation (03CH06-HY)
Bilog Antenna	SCHAFFNER	CBL6112B	2885	30MHz -2GHz	Nov. 20, 2006	Nov. 19, 2007	Radiation (03CH06-HY)
Double Ridge Horn Antenna	Com-Power	AH118	071025	1G~18G	Jun. 04, 2007	Jun. 03, 2008	Radiation (03CH06-HY)
SHF-EHF Horn	SCHWARZBECK	BBHA 9170	9170-249	14G - 40G	Nov. 20, 2006	Nov. 19, 2008	Radiation (03CH06-HY)
Pre Amplifier	Agilent	8449B	3008A01917	1G - 26.5G	Nov. 15, 2006	Nov. 14, 2007	Radiation (03CH06-HY)
Pre Amplifier	Mini Circuits	ZKL-2	D092004-1	10~2500MHz	Nov. 15, 2006	Nov. 14, 2007	Radiation (03CH06-HY)
Base Station Simulator	R & S	CMU200	106656	WCDMA	Nov. 20, 2006	Nov. 19, 2007	Radiation (03CH06-HY)
Controller	INN-CO	CO2000	N/A	N/A	N/A	N/A	Radiation (03CH06-HY)
Turn Table	INN-CO	DS2000	420/650/00	0 ~ 360 degree	N/A	N/A	Radiation (03CH06-HY)
Antenna Mast	INN-CO	MM3000	114/8000604/L	1 m - 4 m	N/A	N/A	Radiation (03CH06-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	0.41	Normal(k=2)	0.21
Antenna factor calibration	0.83	Normal(k=2)	0.42
Cable loss calibration	0.25	Normal(k=2)	0.13
Pre Amplifier Gain calibration	0.27	Normal(k=2)	0.14
RCV/SPA specification	2.50	Rectangular	0.72
Antenna Factor Interpolation for Frequency	1.00	Rectangular	0.29
Site imperfection	1.43	Rectangular	0.83
Mismatch	+0.39/-0.41	U-shaped	0.28
Combined standard uncertainty $Uc(y)$	1.27		
Measuring uncertainty for a level of confidence of 95% $U=2Uc(y)$	2.54		



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

Contribution	Uncertainty of x_i		$u(x_i)$	C_i	$C_i * u(x_i)$
	dB	Probability Distribution			
Receiver reading	±0.10	Normal(k=1)	0.10	1	0.10
Antenna factor calibration	±1.70	Normal(k=2)	0.85	1	0.85
Cable loss calibration	±0.50	Normal(k=2)	0.25	1	0.25
Receiver Correction	±2.00	Rectangular	1.15	1	1.15
Antenna Factor Directional	±1.50	Rectangular	0.87	1	0.87
Site imperfection	±2.80	Triangular	1.14	1	1.14
Mismatch Receiver VSWR $\Gamma_1 = 0.197$ Antenna VSWR $\Gamma_2 = 0.194$ Uncertainty = $20 \log(1 - \Gamma_1 * \Gamma_2 * \Gamma_3)$	+0.34/-0.35	U-shaped	0.244	1	0.244
Combined standard uncertainty $U_c(y)$	2.36				
Measuring uncertainty for a level of confidence of 95% $U = 2U_c(y)$	4.72				