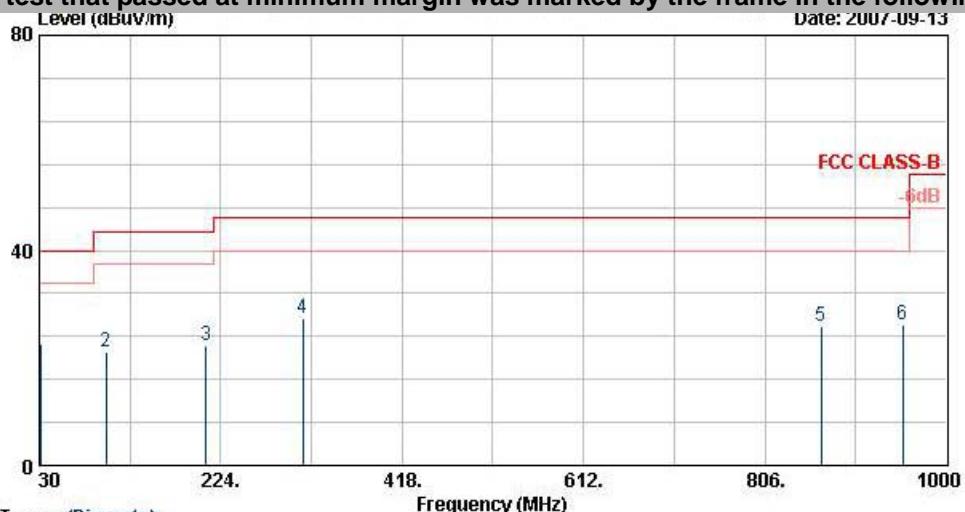




Test Mode : Mode 2

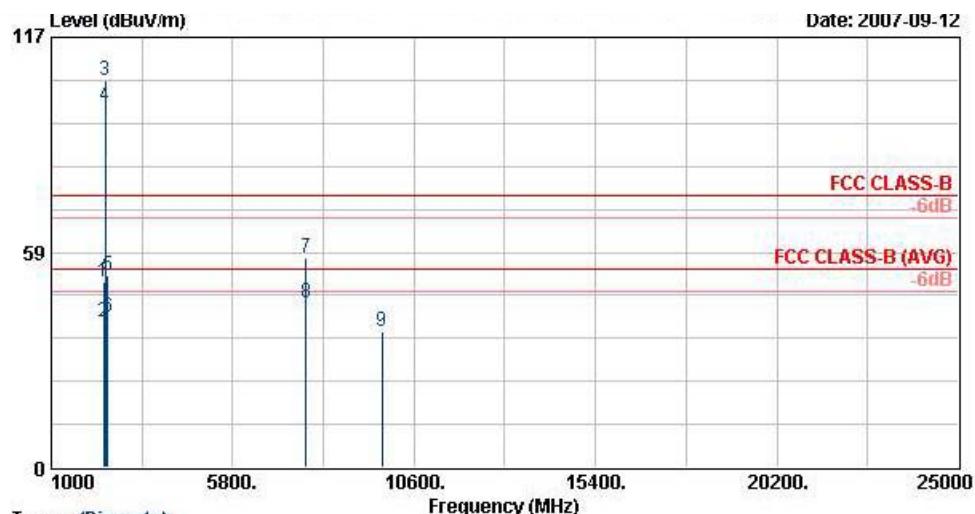
Polarization : Horizontal

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



Site : 03CH06-HY
 Condition : LF-ANT(951121) HORIZONTAL
 EUT : PDA Smart Phone (WiFi_802.11b/g/BT_v2.0
 EDR_VoIP)
 Power : 120Vac/60Hz
 Model : FR 783112
 Mode : 11b_Tx_Chn06,2437MHz
 Plane : E2
 Data Rate : 11

	Freq	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
			MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	cm	
1 @	31.1	22.53	-17.47	40.00	34.37	18.95	0.64	31.43	100	258	Peak
2	101.3	21.00	-22.50	43.50	40.01	11.07	1.07	31.15	---	---	Peak
3	207.9	22.21	-21.29	43.50	41.91	9.76	1.57	31.03	---	---	Peak
4	311.9	27.36	-18.64	46.00	42.77	13.53	1.98	30.92	---	---	Peak
5	866.3	26.01	-19.99	46.00	32.45	20.29	3.68	30.41	---	---	Peak
6	953.8	26.28	-19.72	46.00	31.73	20.91	3.93	30.28	---	---	Peak



Site : 03CH06-HY
 Condition : SHF-EHF HORN HORIZONTAL
 EUT : PDA Smart Phone (WiFi_802.11b/g/BT_v2.0
 EDR_VoIP)
 Power : 120Vac/60Hz
 Model : FR 783112
 Mode : 11b_Tx_Chn06_2437MHz
 Plane : E2
 Data Rate : 11

	Freq	Level	Over Limit	Limit Line	Read	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Table Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	2390.0	50.39	-23.61	74.00	51.83	30.26	3.75	35.46	100	0	Peak
2 @	2390.0	39.79	-14.21	54.00	41.24	30.26	3.75	35.46	100	8	Average
3 @	2437.0	105.32			106.70	30.28	3.82	35.47	100	0	Peak
4 @	2437.0	98.29			99.67	30.28	3.82	35.47	100	8	Average
5	2494.0	52.41	-21.59	74.00	53.75	30.30	3.88	35.53	100	0	Peak
6 @	2494.0	40.95	-13.05	54.00	42.30	30.30	3.88	35.53	100	8	Average
7 @	7746.0	56.95	-17.05	74.00	45.95	39.25	7.70	35.95	100	0	Peak
8 @	7746.0	44.62	-9.38	54.00	33.62	39.25	7.70	35.95	100	264	Average
9	9747.0	37.17	-36.83	74.00	74.48	-9.85	9.15	36.61	100	0	Peak

Remark: #3 and #4 Fundamental Signal

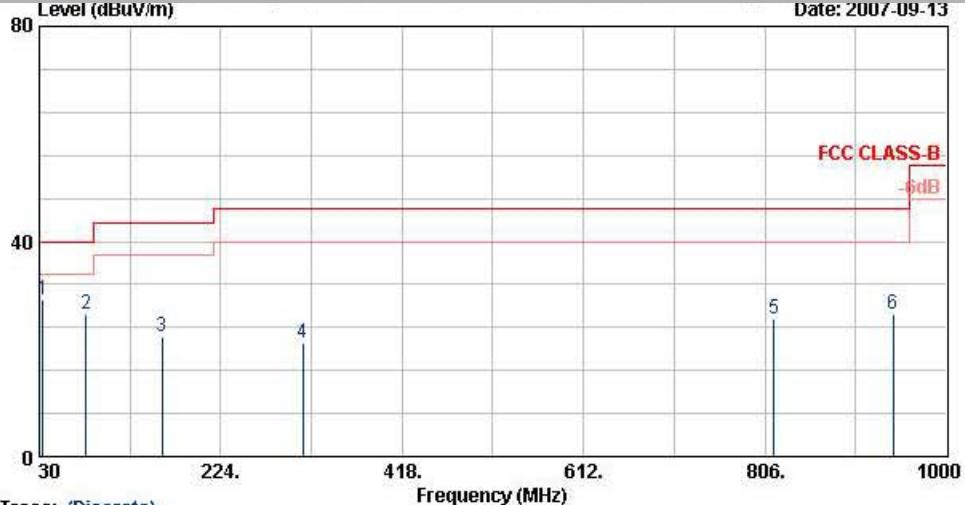


Polarization : Vertical

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

Level (dBuV/m)

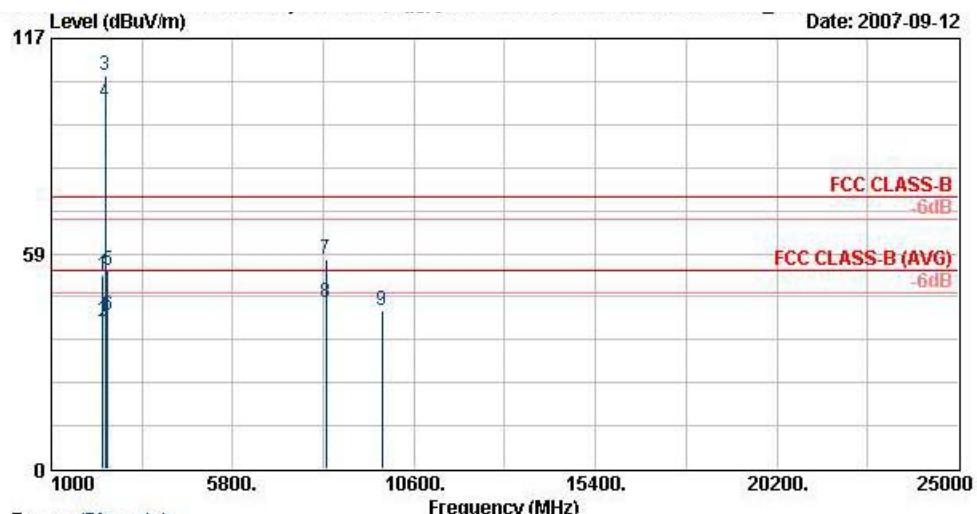
Date: 2007-09-13



Trace: (Discrete)

Site : 08CH06-HY
 Condition : LF-ANT(951121) VERTICAL
 EUT : PDA Smart Phone (WiFi_802.11b/g/BT_v2.0
 EDR_VoIP)
 Power : 120Vac/60Hz
 Model : FR 783112
 Mode : 11b_Tx_Ch06,2437MHz
 Plane : E2
 Data Rate : 11

	Freq	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
			MHz	dBuV/m	dB	dBuV/m	Level	Factor	Loss	Pos	
1 @	33.8	29.12	-10.88	40.00	42.94	16.84	0.67	31.32	100	311	Peak
2 @	79.7	26.43	-13.57	40.00	49.09	7.46	0.97	31.09	---	---	Peak
3	161.5	22.39	-21.11	43.50	41.93	10.09	1.39	31.02	---	---	Peak
4	311.9	21.25	-24.75	46.00	36.67	13.53	1.98	30.92	---	---	Peak
5	815.9	25.57	-20.43	46.00	32.63	19.93	3.47	30.47	---	---	Peak
6	943.3	26.48	-19.52	46.00	32.03	20.84	3.91	30.29	---	---	Peak



Trace: (Discrete)

Site : 08CH06-HY
 Condition : SHF-EHF HORN VERTICAL
 EUT : PDA Smart Phone (WiFi_802.11b/g/BT_v2.0
 : EDR_VOIP)
 Power : 120Vac/60Hz
 Model : FR 783112
 Mode : 11b_Tx_Cm06;2437MHz
 Plane : E2
 Data Rate : 11

	Freq	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
			MHz	dBuV/m	dB	dBuV/m	Line	Level	Factor	Loss	
1	2364.0	52.64	-21.36	74.00	54.09	30.24	3.73	35.42	100	0	Peak
2 @	2364.0	40.04	-13.96	54.00	41.49	30.24	3.73	35.42	100	281	Average
3 @	2437.0	106.81			108.19	30.28	3.82	35.47	100	0	Peak
4 @	2437.0	99.52			100.90	30.28	3.82	35.47	100	281	Average
5	2494.0	53.84	-20.16	74.00	55.18	30.30	3.88	35.53	100	0	Peak
6 @	2494.0	41.54	-12.46	54.00	42.89	30.30	3.88	35.53	100	281	Average
7 @	8262.0	56.97	-17.03	74.00	45.49	39.39	8.08	36.00	100	0	Peak
8 @	8262.0	45.02	-8.98	54.00	33.54	39.39	8.08	36.00	100	169	Average
9	9747.0	43.22	-30.78	74.00	80.53	-9.85	9.15	36.61	100	0	Peak

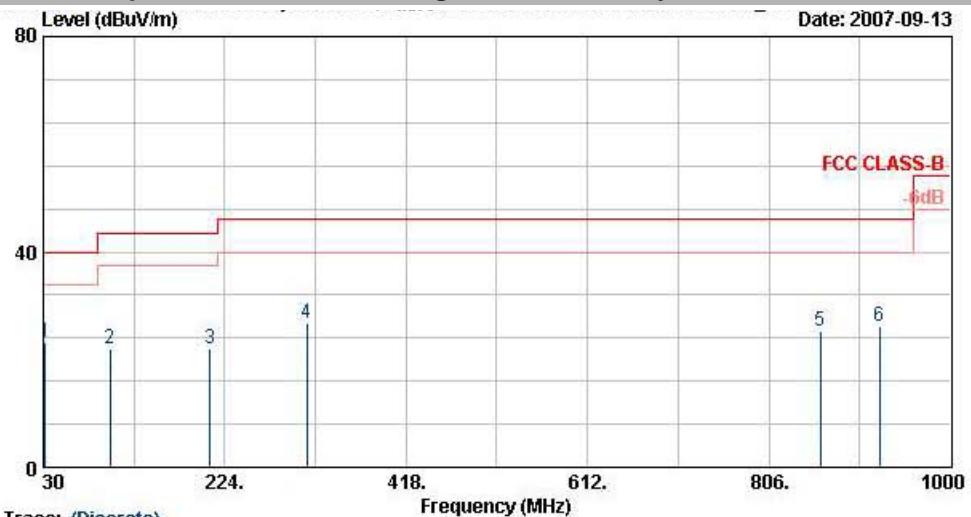
Remark: #3 and #4 Fundamental Signal



Test Mode : Mode 3

Polarization : Horizontal

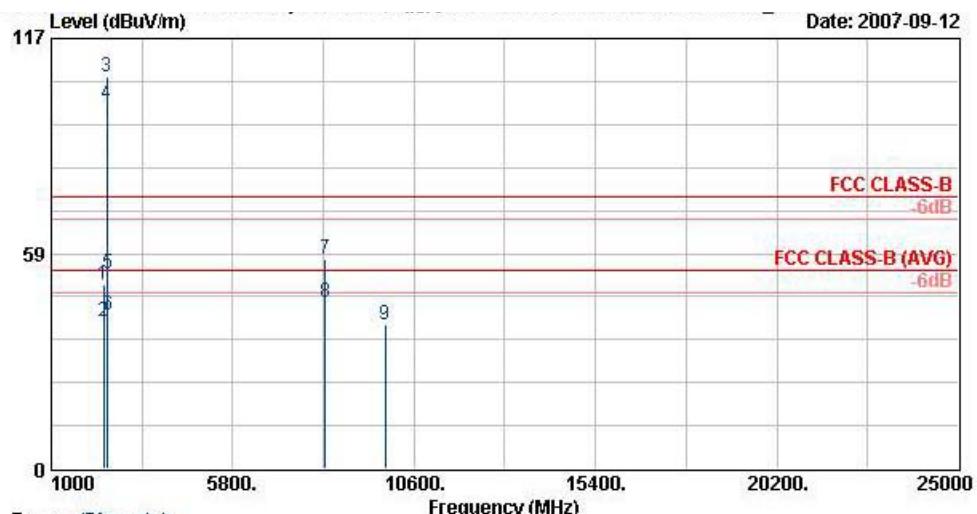
The test that passed at minimum margin was marked by the frame in the following table.



Trace: (Discrete)

Site	03CH06-HY
Condition	LF-ANT951121) HORIZONTAL
EUT	FDA Smart Phone (WiFi_802.11b/g/BT_v2.0 EDR_WOP)
Power	12W@60Hz
Model	FR 783112
Mode	11b_Tx_Ch11_2462MHz
Plane	E2
Data Rate	11

	Freq	Level	Over Limit	Line	Read	Antenna	Cable	Preamp	Ant	Table	Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg		
1 @	31.9	23.16	-16.84	40.00	35.65	18.25	0.65	31.39	100	225	Peak	
2	101.3	22.08	-21.42	43.50	41.09	11.07	1.07	31.15	---	---	Peak	
3	207.9	21.93	-21.57	43.50	41.63	9.76	1.57	31.03	---	---	Peak	
4	311.9	26.84	-19.16	46.00	42.25	13.53	1.98	30.92	---	---	Peak	
5	861.4	25.38	-20.62	46.00	31.88	20.25	3.66	30.42	---	---	Peak	
6	924.4	26.26	-19.74	46.00	32.02	20.70	3.87	30.33	---	---	Peak	



Trace: (Discrete)

Site : 08CH06-HY
 Condition : SHF-EHF HORN HORIZONTAL
 EUT : PDA Smart Phone (WiFi_802.11b/g/BT_v2.0)
 Power : EDR_VOIP
 Model : 120Vac/60Hz
 Mode : FR 783112
 Plane : 11b_Tx_Ch11,2462MHz
 Data Rate : E2
 11

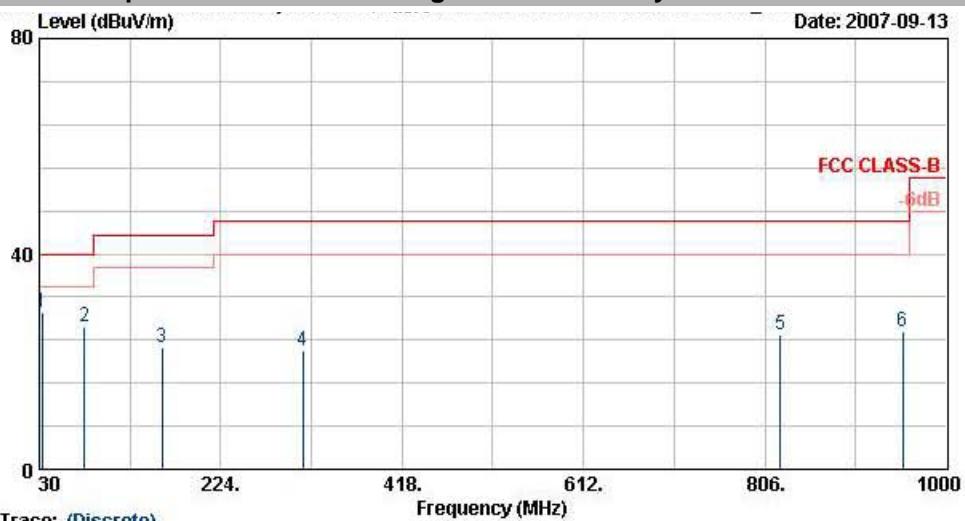
	Freq	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	
			MHz	dBuV/m	dB	dBuV/m	Line	Level Factor	Loss	Factor	Pos
1	2390.0	50.08	-23.92	74.00	51.53	30.26	3.75	35.46	100	0	Peak
2 @	2390.0	39.80	-14.20	54.00	41.25	30.26	3.75	35.46	100	7	Average
3 @	2462.0	106.48			107.85	30.29	3.84	35.49	100	0	Peak
4 @	2462.0	99.23			100.60	30.29	3.84	35.49	100	7	Average
5	2486.1	52.97	-21.03	74.00	54.33	30.29	3.86	35.51	100	0	Peak
6 @	2486.1	41.83	-12.17	54.00	43.19	30.29	3.86	35.51	100	7	Average
7	8241.0	56.98	-17.02	74.00	45.50	39.41	8.06	35.98	100	0	Peak
8 @	8241.0	45.02	-8.98	54.00	33.54	39.41	8.06	35.98	100	257	Average
9	9846.0	39.33	-34.67	74.00	76.32	-9.63	9.18	36.54	100	0	Peak

Remark: #3 and #4 Fundamental Signal



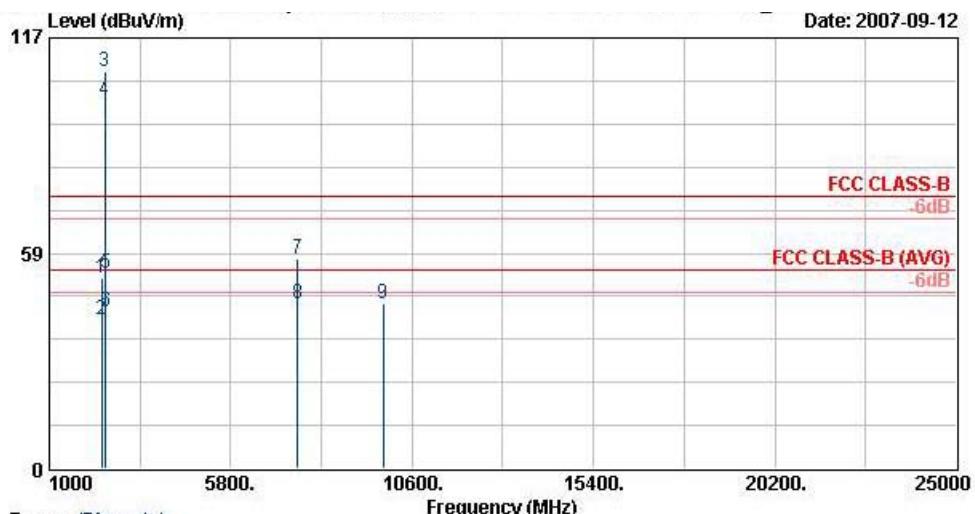
Polarization : Vertical

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



Site : 08CH06-HY
 Condition : LF-ANT051121 VERTICAL
 EUT : FDA Smart Phone (WiFi_802.11b/g/BT_v2.0
 Power : EDR_VOIP)
 Model : 120Vac/60Hz
 Mode : FR_783112
 Plane : 11b_Tx_Ch11,2462MHz
 Data Rate : E2
 11

	Freq	Over Level	Limit Line	Read		Cable Loss	Preamp Factor	Ant Pos	Table Pos	Table Remark
				Antenna	Level					
	MHz	dBuV/m	dB	dBuV/m	dB	dB/m	dB	cm	deg	
1 @	33.2	29.11	-10.89	40.00	42.27	17.54	0.66	31.36	100	356 Peak
2 @	78.3	26.49	-13.51	40.00	49.23	7.41	0.96	31.10	---	--- Peak
3	161.5	22.68	-20.82	43.50	42.22	10.09	1.39	31.02	---	--- Peak
4	311.9	22.04	-23.96	46.00	37.45	13.53	1.98	30.92	---	--- Peak
5	822.9	24.93	-21.07	46.00	31.91	19.98	3.50	30.46	---	--- Peak
6	953.8	25.69	-20.31	46.00	31.14	20.91	3.93	30.28	---	--- Peak



Trace: (Discrete)

Site : 08CH06-HY
 Condition : SHF-EHF HORN VERTICAL
 EUT : PDA Smart Phone (WiFi_802.11b/g/BT_v2.0
 : EDR_VoIP)
 Power : 120Vac/60Hz
 Model : FR 783112
 Mode : 11b_Tx_Ch11,2462MHz
 Plane : E2
 Data Rate : 11

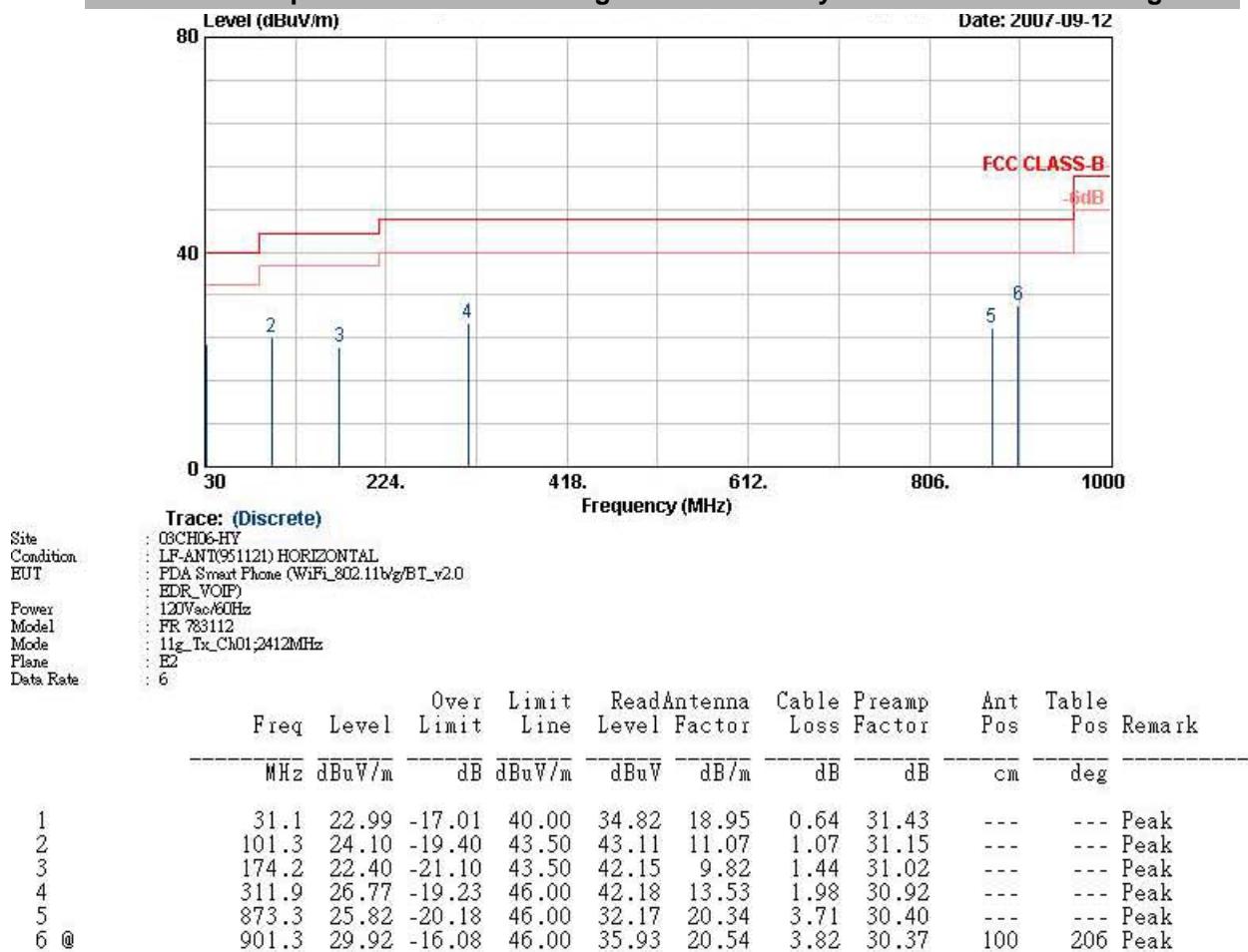
	Freq	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	
			MHz	dBuV/m	dB	dBuV/m	Level	Factor	Loss	Factor	Pos
1	2384.0	51.63	-22.37	74.00	53.06	30.25	3.75	35.44	100	0	Peak
2 @	2384.0	40.39	-13.61	54.00	41.83	30.25	3.75	35.44	100	279	Average
3 @	2462.0	107.74			109.11	30.29	3.84	35.49	100	0	Peak
4 @	2462.0	100.16			101.53	30.29	3.84	35.49	100	279	Average
5	2485.2	52.94	-21.06	74.00	54.30	30.29	3.86	35.51	100	0	Peak
6 @	2485.2	42.64	-11.36	54.00	44.00	30.29	3.86	35.51	100	279	Average
7	7572.0	56.90	-17.10	74.00	46.27	39.02	7.64	36.02	100	0	Peak
8 @	7572.0	44.72	-9.28	54.00	34.09	39.02	7.64	36.02	100	349	Average
9	9846.0	44.60	-29.40	74.00	81.58	-9.63	9.18	36.54	100	0	Peak

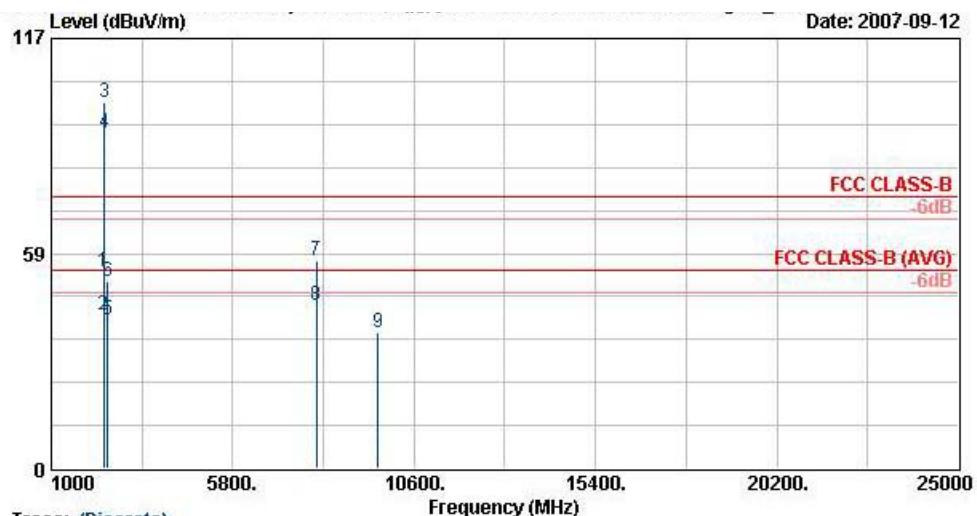
Remark: #3 and #4 Fundamental Signal



Test Mode : Mode 4

Polarization : Horizontal

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



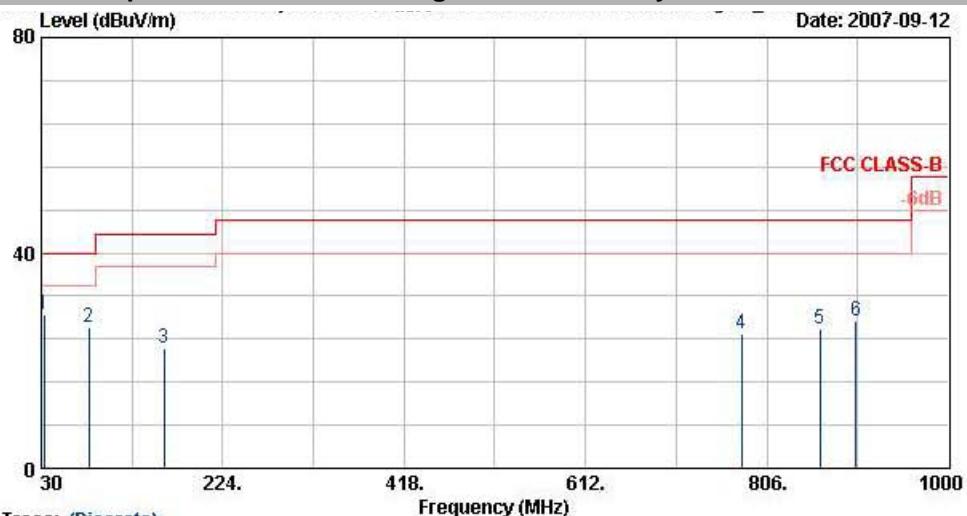
Site : 08CH06-HY
 Condition : SHF-EHF HORN HORIZONTAL
 EUT : PDA Smart Phone (WiFi_802.11b/g/BT_v2.0)
 EDR_VoIP)
 Power : 120Vac/60Hz
 Model : FR 783112
 Mode : 11g_Tx_CM01_2412MHz
 Plane : E2
 Data Rate : 6

	Freq	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
			MHz	dBuV/m	dB	dBuV/m	Line	Level	Factor	Loss	
1	2390.0	53.42	-20.58	74.00	54.87	30.26	3.75	35.46	100	0	Peak
2 @	2390.0	41.65	-12.35	54.00	43.10	30.26	3.75	35.46	100	5	Average
3 @	2412.0	99.61			101.03	30.27	3.77	35.46	100	0	Peak
4 @	2412.0	91.15			92.57	30.27	3.77	35.46	100	5	Average
5 @	2494.0	40.41	-13.59	54.00	41.76	30.30	3.88	35.53	100	5	Average
6	2494.0	51.04	-22.96	74.00	52.39	30.30	3.88	35.53	100	0	Peak
7	8022.0	56.41	-17.59	74.00	44.86	39.59	7.83	35.86	100	0	Peak
8 @	8022.0	44.30	-9.70	54.00	32.74	39.59	7.83	35.86	100	174	Average
9	9651.0	36.77	-37.23	74.00	74.40	-10.07	9.12	36.68	100	0	Peak

Remark: #3 and #4 Fundamental Signal

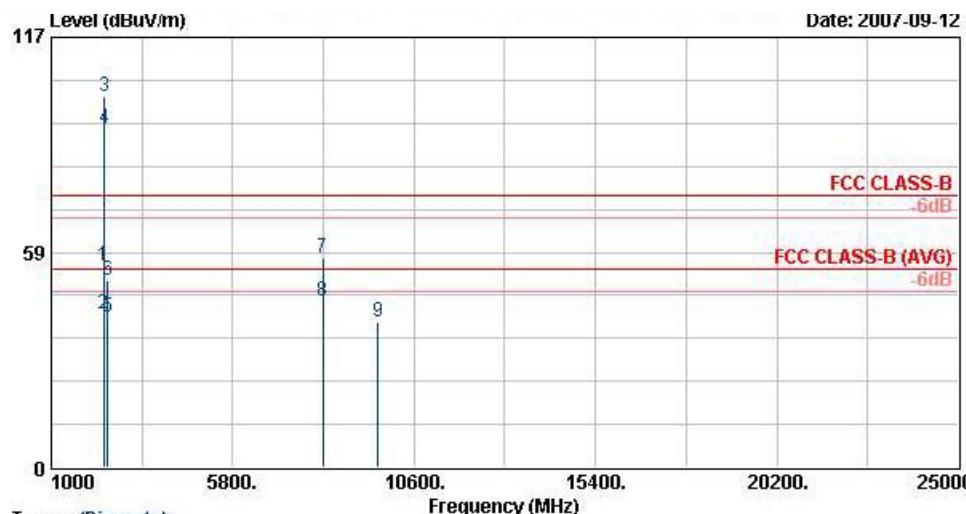


Polarization : Vertical

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

Trace: (Discrete)
Site : 08CH06-HY
Condition : LF-ANT(951121) VERTICAL
EUT : PDA Smart Phone (WiFi_802.11b/g/BT_v2.0
: EDR_VoIP)
Power : 120Vac/60Hz
Model : FR 783112
Mode : 11g_Tx_Ch01/2412MHz
Plane : E2
Data Rate : 6

	Freq	Level	Over Limit	Limit Line	Read	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Table Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1 @	33.2	28.44	-11.56	40.00	41.59	17.54	0.66	31.36	100	332	Peak
2 @	80.5	26.13	-13.87	40.00	48.73	7.52	0.97	31.09	---	---	Peak
3	161.5	22.31	-21.19	43.50	41.85	10.09	1.39	31.02	---	---	Peak
4	778.8	24.87	-21.13	46.00	32.38	19.62	3.38	30.51	---	---	Peak
5	862.8	25.99	-20.01	46.00	32.47	20.27	3.67	30.41	---	---	Peak
6	901.3	27.36	-18.64	46.00	33.36	20.54	3.82	30.37	---	---	Peak



```

Site          : 03CHD6-HY
Condition     : SHF-EHF HORN VERTICAL
EUT          : PDA Smart Phone (WiFi_802.11b/g/BT_v2.0
                EDR_VoIP)
Power         : 120Vac/60Hz
Model         : FR_783112
Mode          : 11g_Tx_Ch01,2412MHz
Plane         : E2
Data Rate     : 6

```

Data Row	Freq	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
			Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	2389.2	54.93	-19.07	74.00	56.36	30.26	3.75	35.44	100	0	Peak
2 @	2389.2	41.84	-12.16	54.00	43.27	30.26	3.75	35.44	100	282	Average
3 @	2412.0	100.93			102.35	30.27	3.79	35.47	100	0	Peak
4 @	2412.0	92.38			93.80	30.27	3.77	35.46	100	282	Average
5 @	2500.0	40.72	-13.28	54.00	42.07	30.30	3.88	35.53	100	282	Average
6	2500.0	51.00	-23.00	74.00	52.35	30.30	3.88	35.53	100	0	Peak
7	8181.0	56.84	-17.16	74.00	45.33	39.46	8.00	35.96	100	0	Peak
8 @	8181.0	45.19	-8.81	54.00	33.69	39.46	8.00	35.96	100	209	Average
9	9651.0	39.50	-34.50	74.00	77.13	-10.07	9.12	36.68	100	0	Peak

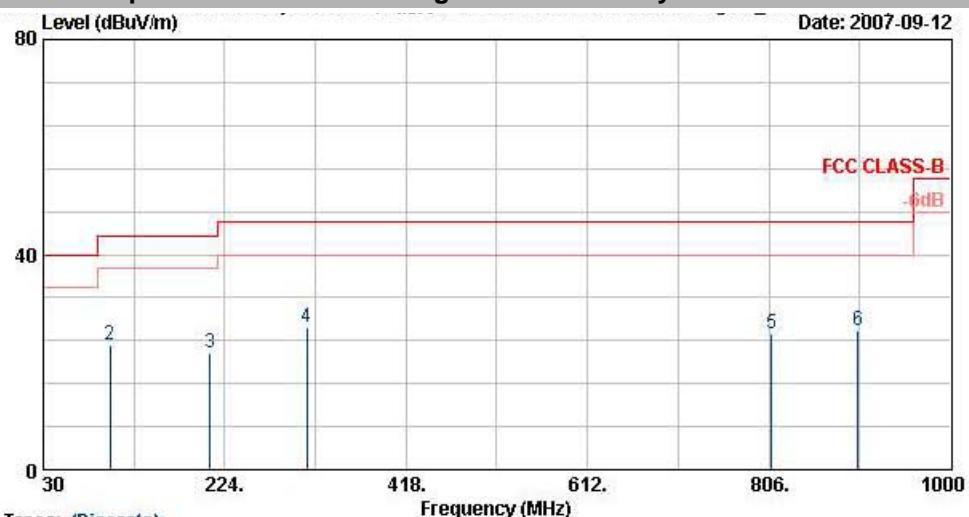
Remark: #3 and #4 Fundamental Signal



Test Mode : Mode 5

Polarization : Horizontal

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

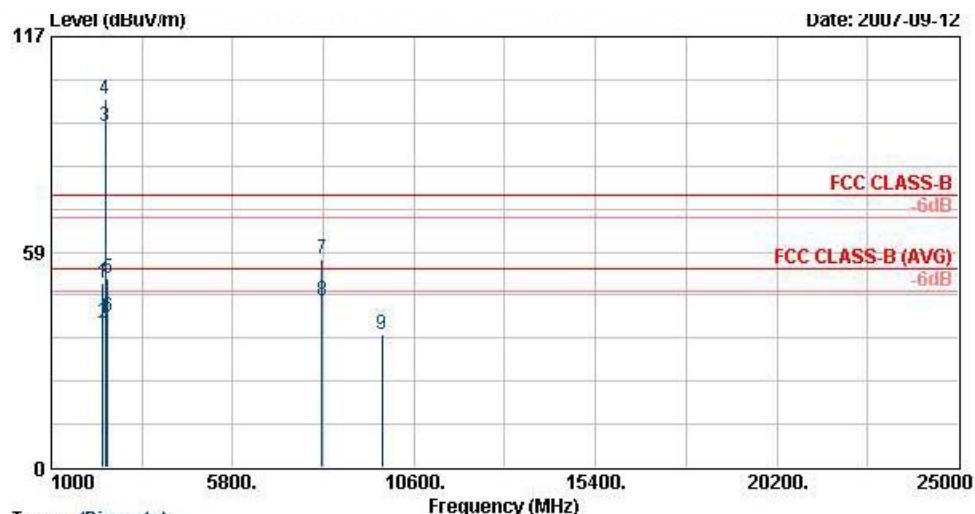


Site
Condition
EUT

Power
Model
Mode
Plane
Data Rate

Trace: (Discrete)
03CH06-HY
LF-ANT(951121) HORIZONTAL
PDA Smart Phone (WiFi_802.11b/g/BT_v2.0
EDR,_VOIP)
120Vac@60Hz
FR 783112
11g_Tx_Ch06:2437MHz
E2
6

Freq	Level	Over Limit	Limit Line	Read	Antenna Level	Cable Factor	Preamp Loss	Ant Factor	Table Pos	Table Pos	Remark
MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg		
30.5	23.18	-16.82	40.00	35.01	18.95	0.64	31.43	100	244	Peak	
101.3	23.12	-20.38	43.50	42.13	11.07	1.07	31.15	---	---	Peak	
207.9	21.57	-21.93	43.50	41.27	9.76	1.57	31.03	---	---	Peak	
311.9	26.38	-19.62	46.00	41.80	13.53	1.98	30.92	---	---	Peak	
808.9	25.33	-20.67	46.00	32.48	19.88	3.45	30.48	---	---	Peak	
901.3	25.74	-20.26	46.00	31.75	20.54	3.82	30.37	---	---	Peak	



Trace: (Discrete)

Site : 08CH06-HY
 Condition : SHF-EHF HORN HORIZONTAL
 EUT : PDA Smart Phone (WiFi_802.11b/g/BT_v2.0
 EDR_VoIP)
 Power : 120Vac/60Hz
 Model : FR 783112
 Mode : 11g_Tx_Ch06_2437MHz
 Plane : E2
 Data Rate : 6

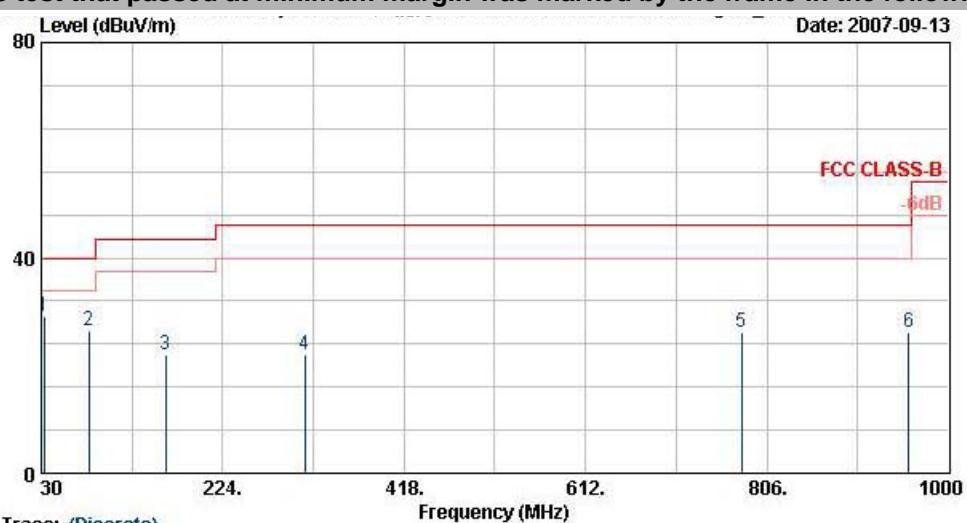
	Freq	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
			MHz	dBuV/m	dB	dBuV/m	Line	Level	Factor	Loss	
1	2358.0	50.18	-23.82	74.00	51.65	30.24	3.71	35.42	100	0	Peak
2 @	2358.0	39.15	-14.85	54.00	40.62	30.24	3.71	35.42	100	6	Average
3 @	2437.0	92.53			93.91	30.28	3.82	35.47	100	6	Average
4 @	2437.0	100.03			101.43	30.27	3.79	35.47	100	0	Peak
5	2494.0	51.24	-22.76	74.00	52.59	30.30	3.88	35.53	100	0	Peak
6 @	2494.0	40.81	-13.19	54.00	42.16	30.30	3.88	35.53	100	6	Average
7	8172.0	56.57	-17.43	74.00	45.07	39.46	7.98	35.94	100	0	Peak
8 @	8172.0	45.19	-8.81	54.00	33.69	39.46	7.98	35.94	100	65	Average
9	9747.0	36.24	-37.76	74.00	73.55	-9.85	9.15	36.61	100	0	Peak

Remark: #3 and #4 Fundamental Signal



Polarization : Vertical

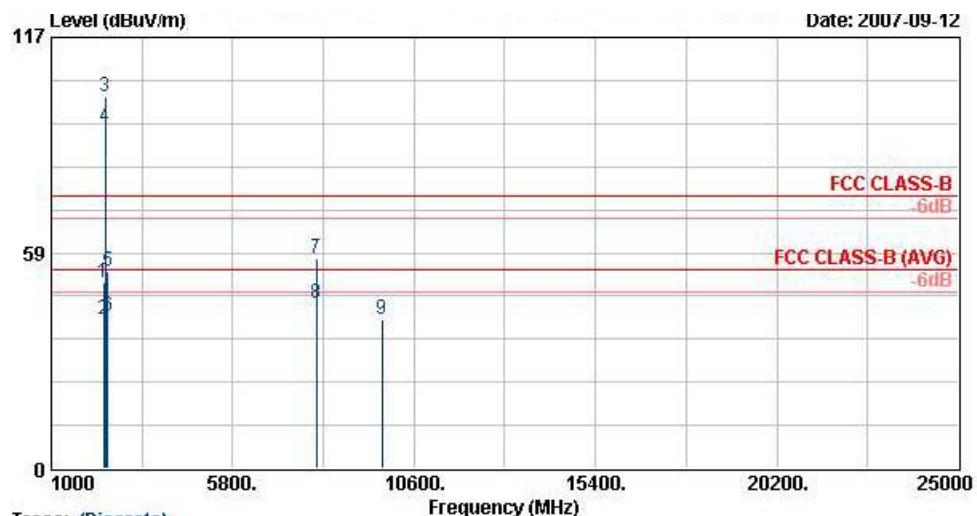
The test that passed at minimum margin was marked by the frame in the following table.



Trace: (Discrete)

Site : 08CH06-HY
 Condition : LF-ANT051121 VERTICAL
 EUT : FDA Smart Phone (WiFi_802.11b/g/BT_v2.0
 Power : EDR_VoIP)
 Model : 120Vac/60Hz
 Mode : FR_783112
 Plane : 11g_Tx_Ch06:2437MHz
 Data Rate : E2
 Data Rate : 6

	Freq	Over Level	Limit	Line	Read	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Table Remark
	MHz	dBuV/m	dB	dBuV/m	dB	cm	deg				
1 @	33.2	29.16	-10.84	40.00	42.32	17.54	0.66	31.36	100	302	Peak
2 @	81.0	26.50	-13.50	40.00	48.95	7.67	0.98	31.09	---	---	Peak
3	163.4	21.92	-21.58	43.50	41.49	10.05	1.40	31.02	---	---	Peak
4	311.9	21.92	-24.08	46.00	37.33	13.53	1.98	30.92	---	---	Peak
5	778.8	26.06	-19.94	46.00	33.57	19.62	3.38	30.51	---	---	Peak
6	957.3	26.23	-19.77	46.00	31.63	20.94	3.93	30.28	---	---	Peak



Trace: (Discrete)

Site : 08CH06-HY
 Condition : SHF-EHF HORN VERTICAL
 EUT : PDA Smart Phone (WiFi_802.11b/g/BT_v2.0
 EDR_VoIP)
 Power : 120Vac/60Hz
 Model : FR 783112
 Mode : 11g_Tx_Ch06,2437MHz
 Plane : EZ
 Data Rate : 6

	Freq	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
			MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	cm	
1	2390.0	50.33	-23.67	74.00	51.77	30.26	3.75	35.46	100	0	Peak
2 @	2390.0	40.55	-13.45	54.00	42.00	30.26	3.75	35.46	100	281	Average
3 @	2437.0	101.11			102.50	30.28	3.82	35.49	100	0	Peak
4 @	2437.0	92.62			94.00	30.28	3.82	35.47	100	281	Average
5	2488.0	53.28	-20.72	74.00	54.63	30.30	3.86	35.51	100	0	Peak
6 @	2488.0	41.25	-12.75	54.00	42.60	30.30	3.86	35.51	100	281	Average
7	8016.0	56.97	-17.03	74.00	45.43	39.59	7.81	35.86	100	0	Peak
8 @	8016.0	44.72	-9.28	54.00	33.18	39.59	7.81	35.86	100	129	Average
9	9747.0	40.25	-33.75	74.00	77.56	-9.85	9.15	36.61	100	0	Peak

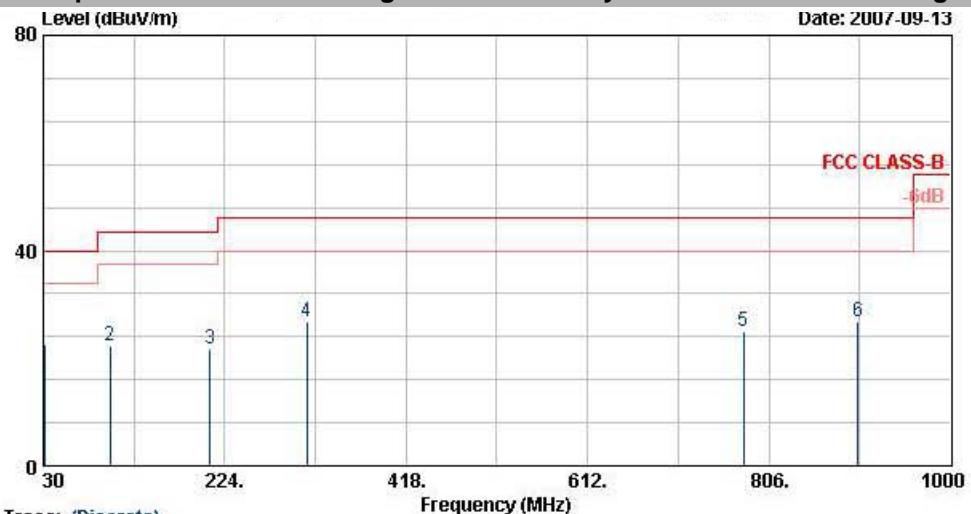
Remark: #3 and #4 Fundamental Signal



Test Mode : Mode 6

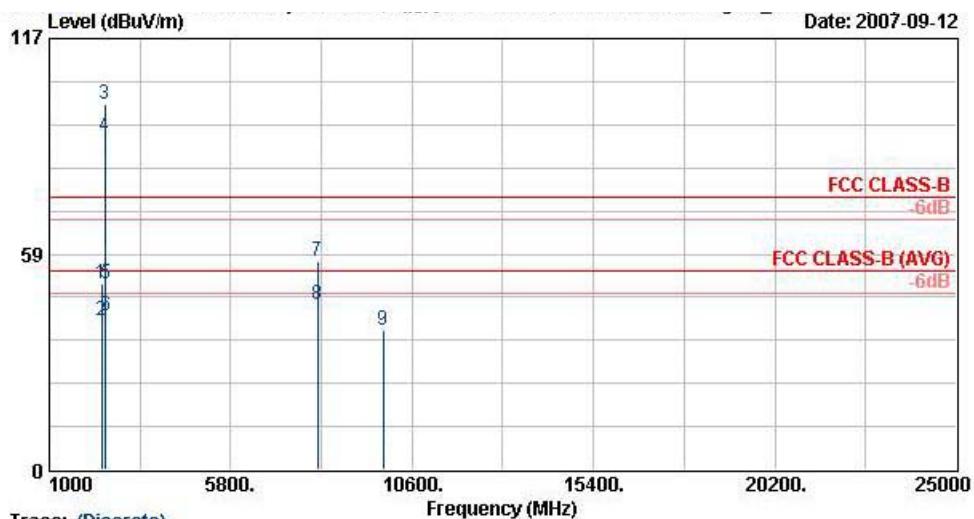
Polarization : Horizontal

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



Site : 09CH06-HY
 Condition : LF-ANT(951121) HORIZONTAL
 EUT : PDA Smart Phone (WiFi_802.11b/g/BT_v2.0)
 EDR_VOIP
 Power : 120Vac/60Hz
 Model : FR 783112
 Mode : 11g_Tx_Ch11:2462MHz
 Plane : E2
 Data Rate : 6

	Trace: (Discrete)										Ant Pos	Table Pos	Remark
	Freq	Level	Over Limit	Line	Read	Antenna Level	Cable Factor	Preamp	Loss	Factor			
	MHz	dBuV/m	dB	dBuV/m	dB	dB/m	dB	dB	cm	deg			
1 @	31.1	22.45	-17.55	40.00	34.29	18.95	0.64	31.43	100	288	Peak		
2	101.3	22.22	-21.28	43.50	41.24	11.07	1.07	31.15	---	---	Peak		
3	207.9	21.70	-21.80	43.50	41.40	9.76	1.57	31.03	---	---	Peak		
4	311.9	26.81	-19.19	46.00	42.22	13.53	1.98	30.92	---	---	Peak		
5	778.8	24.92	-21.08	46.00	32.43	19.62	3.38	30.51	---	---	Peak		
6	901.3	26.81	-19.19	46.00	32.82	20.54	3.82	30.37	---	---	Peak		



Trace: (Discrete)

Site : 08CH06-HY
 Condition : SHF-EHF HORN HORIZONTAL
 EUT : PDA Smart Phone (WiFi_802.11b/g/BT_v2.0
 Power : EDR_VOIP
 Model : 120Vac/60Hz
 Mode : FR 783112
 Plane : 11g_Tx_Ch11,2462MHz
 Data Rate : E2
 : 6

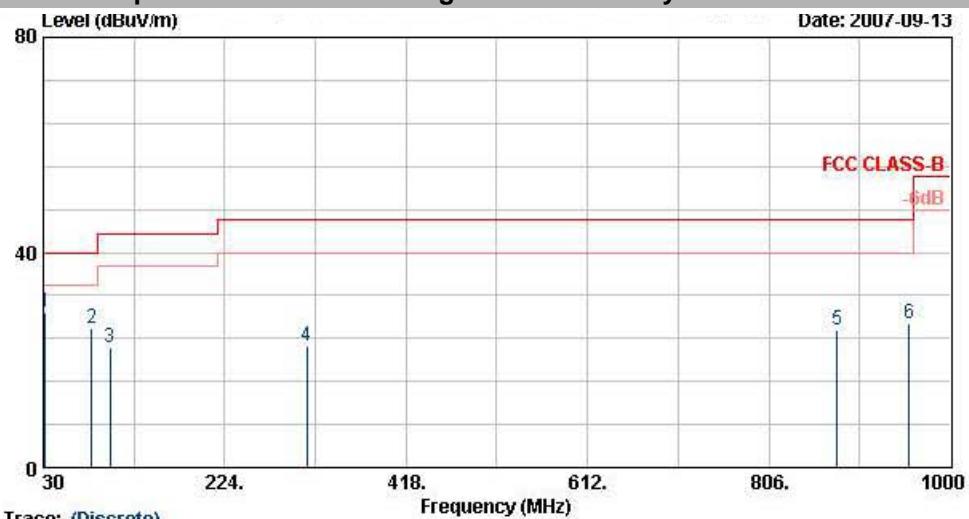
	Freq	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
			Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	2384.0	50.35	-23.65	74.00	51.79	30.25	3.75	35.44	100	0	Peak
2 @	2384.0	40.41	-13.59	54.00	41.85	30.25	3.75	35.44	100	7	Average
3 @	2462.0	99.24			100.60	30.29	3.84	35.49	100	0	Peak
4 @	2462.0	90.49			91.86	30.29	3.84	35.49	100	7	Average
5	2483.5	50.53	-23.47	74.00	51.88	30.29	3.86	35.51	100	0	Peak
6 @	2483.5	41.67	-12.33	54.00	43.03	30.29	3.86	35.51	100	7	Average
7 @	8091.0	56.61	-17.39	74.00	45.09	39.53	7.89	35.90	100	0	Peak
8 @	8091.0	44.78	-9.22	54.00	33.26	39.53	7.89	35.90	100	149	Average
9	9846.0	37.85	-36.15	74.00	74.83	-9.63	9.18	36.54	100	0	Peak

Remark: #3 and #4 Fundamental Signal



Polarization : Vertical

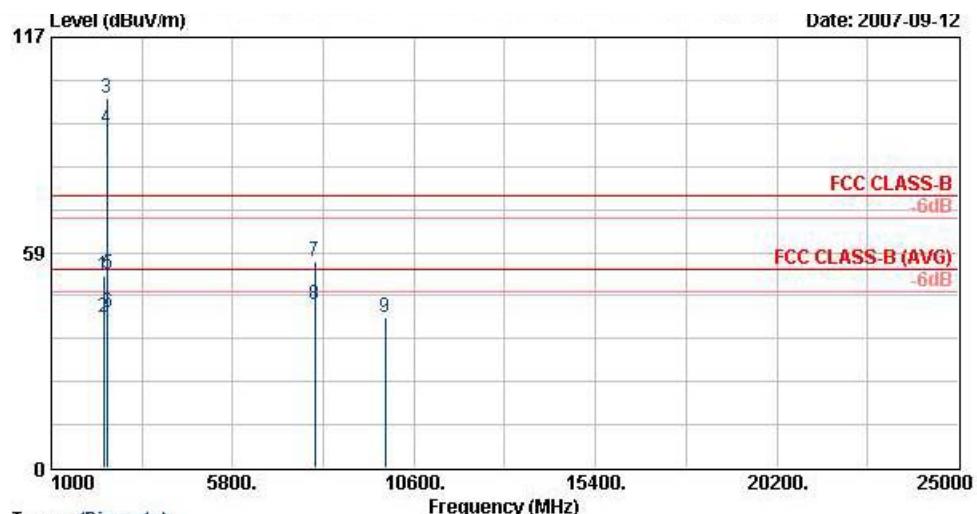
The test that passed at minimum margin was marked by the frame in the following table.



Trace: (Discrete)

Site : 08CH06-HY
 Condition : LF-ANT(951121) VERTICAL
 EUT : PDA Smart Phone (WiFi_802.11b/g/BT_v2.0
 EDR_VoIP)
 Power : 120Vac/60Hz
 Model : FR 783112
 Mode : 11g_Tx_Ch11,2462MHz
 Plane : E2
 Data Rate : 6

	Freq	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
			MHz	dBuV/m	dB	dBuV/m	Line	Level	Factor	Loss	
1 @	32.4	28.85	-11.15	40.00	42.01	17.54	0.66	31.36	100	335	Peak
2 @	81.8	25.94	-14.06	40.00	48.39	7.67	0.98	31.09	---	---	Peak
3	101.3	22.25	-21.25	43.50	41.26	11.07	1.07	31.15	---	---	Peak
4	311.9	22.54	-23.46	46.00	37.95	13.53	1.98	30.92	---	---	Peak
5	878.9	25.52	-20.48	46.00	31.81	20.38	3.73	30.39	---	---	Peak
6	955.9	26.88	-19.12	46.00	32.30	20.93	3.93	30.28	---	---	Peak



Trace: (Discrete)

Site : 03CH06-HY
 Condition : SHF-EHF HORN VERTICAL
 EUT : PDA Smart Phone (WiFi_802.11b/g/BT_v2.0
 EDR_VoIP)
 Power : 120Vac/60Hz
 Model : FR 783112
 Mode : 11g_Tx_Chn1,2462MHz
 Plane : E2
 Data Rate : 6

	Freq	Over Level	Limit	Read Line	Antenna Factor	Cable	Preamp	Ant Pos	Table Pos	Table Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1	2388.0	52.17	-21.83	74.00	53.60	30.26	3.75	35.44	100	0 Peak
2 @	2388.0	40.80	-13.20	54.00	42.23	30.26	3.75	35.44	100	281 Average
3 @	2462.0	100.42			101.78	30.29	3.84	35.49	100	0 Peak
4 @	2462.0	92.04			93.41	30.29	3.84	35.49	100	281 Average
5	2483.5	52.75	-21.25	74.00	54.11	30.29	3.86	35.51	100	0 Peak
6 @	2483.5	42.35	-11.65	54.00	43.71	30.29	3.86	35.51	100	281 Average
7	7971.0	56.31	-17.69	74.00	44.83	39.55	7.78	35.86	100	0 Peak
8 @	7971.0	44.19	-9.81	54.00	32.71	39.55	7.78	35.86	100	132 Average
9	9846.0	40.75	-33.25	74.00	77.73	-9.63	9.18	36.54	100	0 Peak

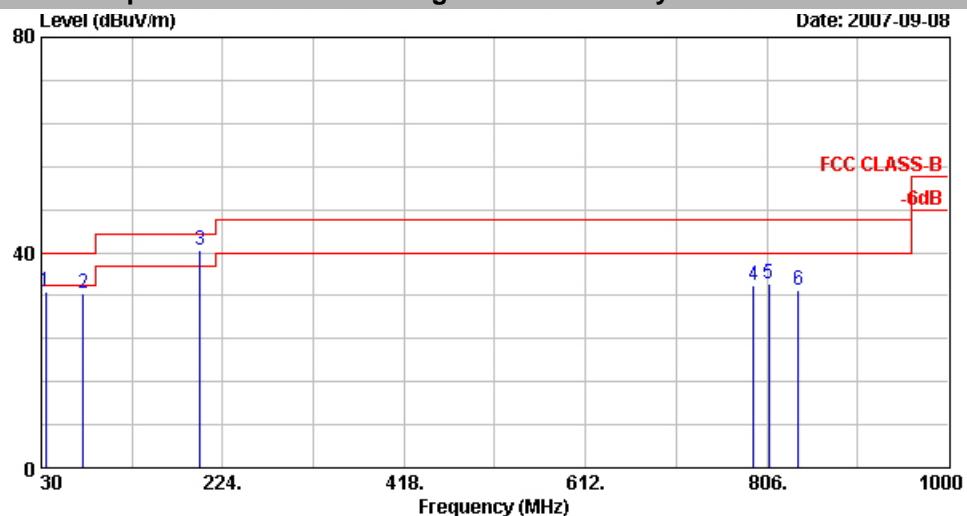
Remark: #3 and #4 Fundamental Signal



Test Mode : Mode 9

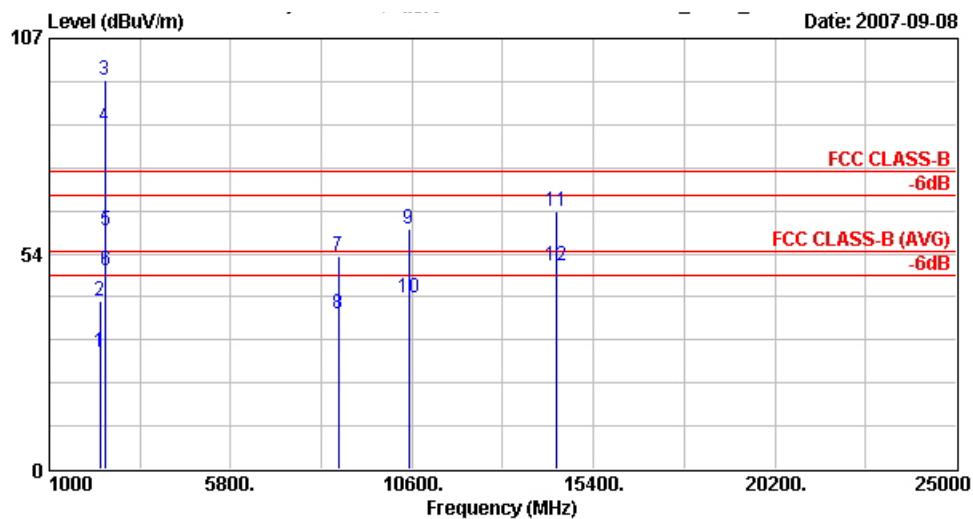
Polarization : Horizontal

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



Site : 08CH08-HY
 Condition : LF-BILOG HORIZONTAL
 EUT : PDA Smart Phone
 Power : 120V60Hz
 Model : FR 783112
 Mode : BT Tx CH78,2480MHz+Adapter
 Rate : DHS
 Plane : E2

	Freq	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
			Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	35.1	32.72	-7.28	40.00	42.43	15.53	2.45	27.69	100	0	Peak
2	75.1	32.42	-7.58	40.00	50.31	6.57	3.30	27.75	100	0	Peak
3 @	200.1	40.48	-3.02	43.50	55.40	9.63	3.57	28.12	100	236	Peak
4	792.1	33.84	-12.16	46.00	37.32	20.75	5.59	29.82	100	0	Peak
5	808.2	34.27	-11.73	46.00	37.59	20.76	5.71	29.79	100	0	Peak
6	839.7	32.90	-13.10	46.00	35.74	20.82	5.90	29.56	100	0	Peak



Site : 08CH03-HY
 Condition : HORN-6741-2007-05 HORIZONTAL
 EUT : PDA Smart Phone
 Power : 120V@60Hz
 Model : FR 783112
 Mode : BT Tx CH78,2480MHz+Adapter
 Rate : DHS
 Plane : E2

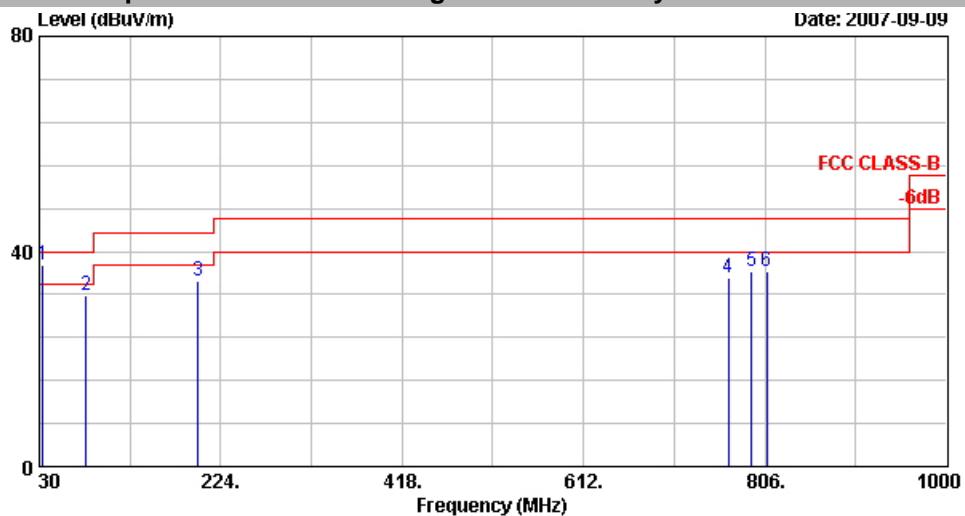
	Freq	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
			MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	cm	
1	2350.0	29.07	-24.93	54.00	30.88	28.19	2.80	32.80	100	320	Average
2	2350.0	41.61	-32.39	74.00	43.42	28.19	2.80	32.80	100	0	Peak
3 @	2480.0	96.49			97.95	28.47	2.87	32.80	100	0	Peak
4 @	2480.0	84.97			86.43	28.47	2.87	32.80	100	320	Average
5	2483.5	59.33	-14.67	74.00	60.79	28.47	2.87	32.80	100	0	Peak
6 !	2483.5	49.50	-4.50	54.00	50.96	28.47	2.87	32.80	100	320	Average
7	8646.0	53.01	-20.99	74.00	42.22	37.93	6.09	33.23	100	0	Peak
8	8646.0	38.68	-15.32	54.00	27.89	37.93	6.09	33.23	100	312	Average
9	10521.0	59.53	-14.47	74.00	46.14	38.79	7.50	32.90	100	0	Peak
10	10521.0	42.76	-11.24	54.00	29.37	38.79	7.50	32.90	100	242	Average
11	14418.0	64.04	-9.96	74.00	45.48	42.16	8.01	31.61	100	0	Peak
12 !	14418.0	50.39	-3.61	54.00	31.83	42.16	8.01	31.61	100	288	Average

Remark: #3 and #4 Fundamental Signal



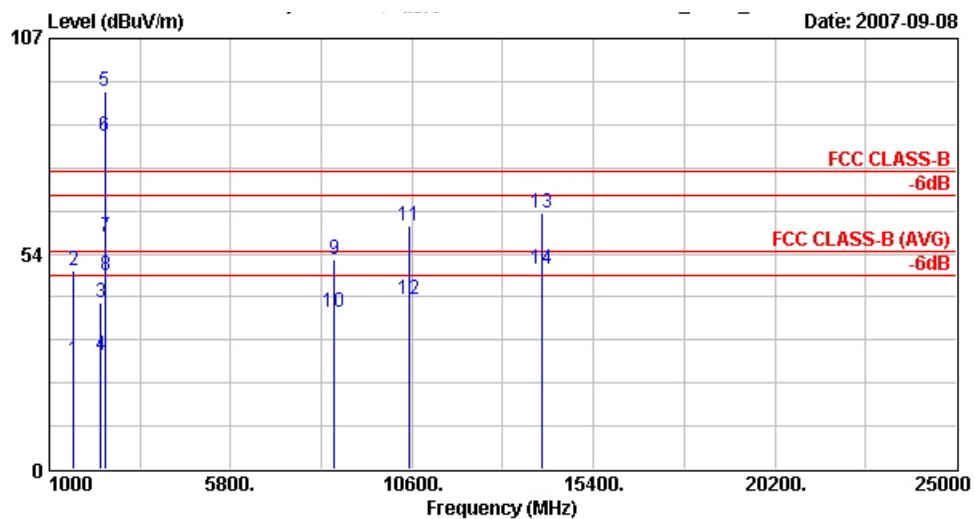
Polarization : Vertical

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



Site	08CH08-HY
Condition	LF-BILOG VERTICAL
EUT	PDA Smart Phone
Power	120W@0Hz
Model	FR 783112
Mode	BT Tx CH78,2480MHz+Adapter
Rate	DHS
Plane	E2

		Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table
Freq	Level	Limit	Line	Level	Factor	Loss	Factor	Pos	Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	cm	deg
1 @	34.1	37.60	-2.40	40.00	46.82	16.12	2.35	27.69	100
2	80.2	31.69	-8.31	40.00	49.17	7.36	2.82	27.66	100
3	200.1	34.50	-9.00	43.50	49.42	9.63	3.57	28.12	100
4	766.9	34.96	-11.04	46.00	38.78	20.73	5.16	29.71	100
5	792.1	36.33	-9.67	46.00	39.81	20.75	5.59	29.82	100
6	808.2	36.21	-9.79	46.00	39.53	20.76	5.71	29.79	100



Site : 08CH03-HY
 Condition : HORN-6741-2007-05 VERTICAL
 EUT : PDA Smart Phone
 Power : 120V@60Hz
 Model : FR 783112
 Mode : BT Tx CH78,2480MHz+Adapter
 Rate : DHS
 Plane : E2

	Freq	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
			MHz	dBuV/m	dB	dBuV/m	Line	Level	Factor	Loss	
1	1636.0	27.18	-26.82	54.00	32.11	25.96	2.28	33.17	100	240	Average
2	1636.0	49.25	-24.75	74.00	54.18	25.96	2.28	33.17	100	0	Peak
3	2372.0	41.32	-32.68	74.00	43.06	28.26	2.80	32.80	100	0	Peak
4	2372.0	28.14	-25.86	54.00	29.88	28.26	2.80	32.80	100	40	Average
5 @	2480.0	93.98			95.44	28.47	2.87	32.80	100	0	Peak
6 @	2480.0	82.91			84.37	28.47	2.87	32.80	100	40	Average
7	2483.5	57.59	-16.41	74.00	59.05	28.47	2.87	32.80	100	40	Peak
8 !	2483.5	48.12	-5.88	54.00	49.58	28.47	2.87	32.80	100	40	Average
9	8541.0	52.15	-21.85	74.00	41.21	37.91	6.24	33.21	100	0	Peak
10	8541.0	38.89	-15.11	54.00	27.95	37.91	6.24	33.21	100	250	Average
11	10521.0	60.58	-13.42	74.00	47.19	38.79	7.50	32.90	100	0	Peak
12	10521.0	41.98	-12.02	54.00	28.59	38.79	7.50	32.90	100	245	Average
13	14046.0	63.60	-10.40	74.00	44.90	41.56	8.31	31.16	100	0	Peak
14 !	14046.0	49.59	-4.41	54.00	30.89	41.56	8.31	31.16	100	255	Average

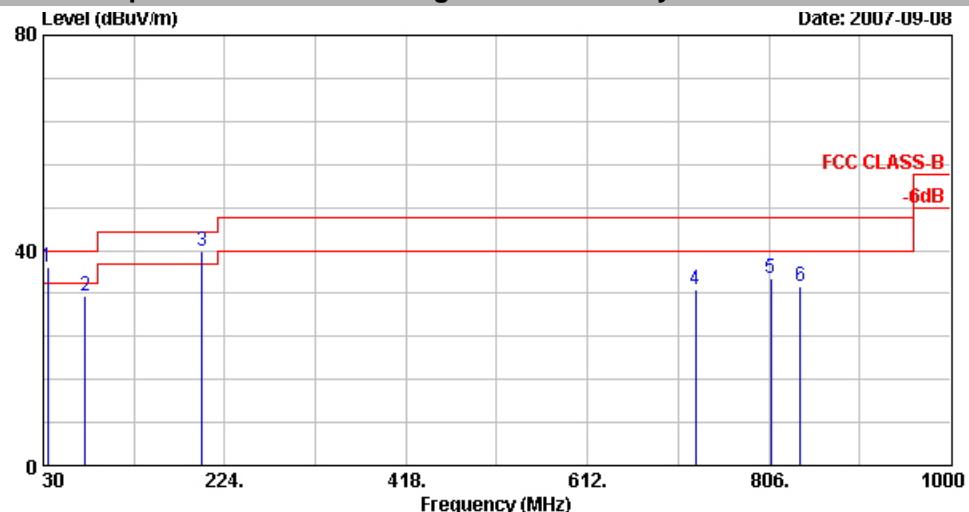
Remark: #3 and #4 Fundamental Signal



Test Mode : Mode 12

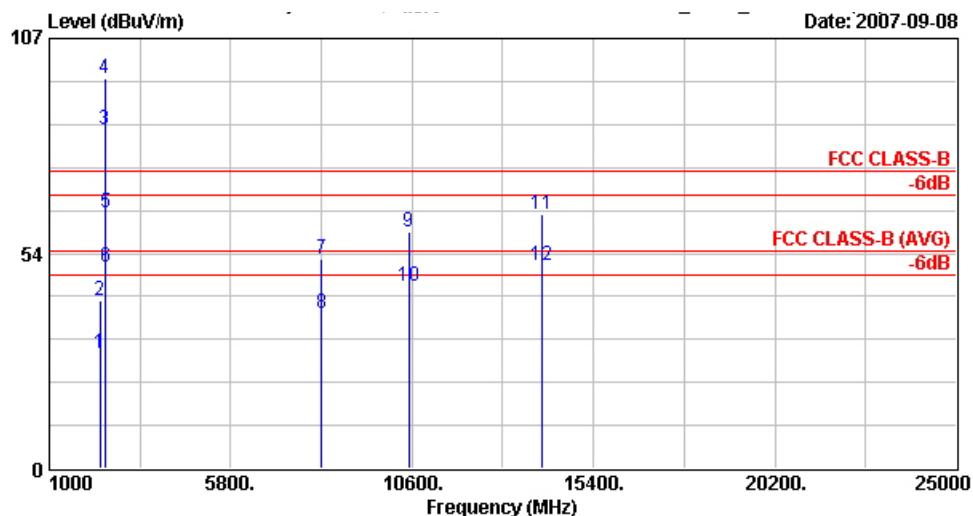
Polarization : Horizontal

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



Site	03CH03-HY
Condition	LF-BILLOG HORIZONTAL
EUT	FDA Smart Phone
Power	120W/60Hz
Model	FR 783112
MoMo	BT Ix CH78, 2480MHz+Adapter
Rate	2-DHS
Plane	E2

Freq	Level	Over Limit	Limit Line	Read	Antenna Level	Cable Factor	Preamp Loss	Ant Pos	Table Pos	Remark
MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
35.1	36.80	-3.20	40.00	46.51	15.53	2.45	27.69	100	265	Peak
75.1	31.62	-8.38	40.00	49.51	6.57	3.30	27.75	100	0	Peak
200.1	39.94	-3.56	43.50	54.86	9.63	3.57	28.12	100	0	Peak
727.7	32.83	-13.17	46.00	36.95	20.38	5.18	29.58	100	0	Peak
808.2	34.86	-11.14	46.00	38.18	20.76	5.71	29.79	100	0	Peak
839.7	33.26	-12.74	46.00	36.10	20.82	5.90	29.56	100	0	Peak



Site : 03CH03-HY
 Condition : HORN-6741-2007-05 HORIZONTAL
 EUT : PDA Smart Phone
 Power : 120V@60Hz
 Model : FR 783112
 Mome : BT Tx: CH78,2480MHz+Adapter
 Rate : 2-DHS
 Plane : E2

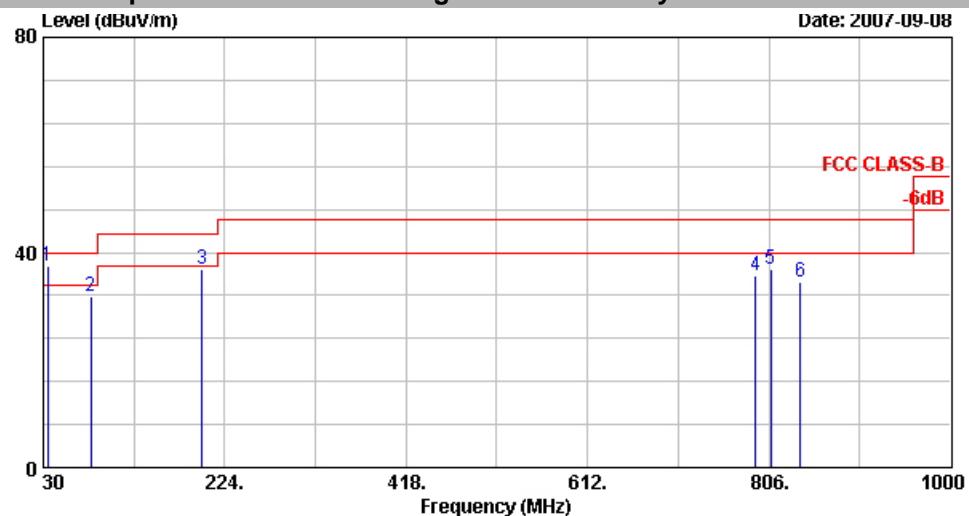
	Freq	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
			MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	cm	
1	2340.0	28.46	-25.54	54.00	30.29	28.19	2.78	32.80	100	332	Average
2	2340.0	41.58	-32.42	74.00	43.41	28.19	2.78	32.80	100	0	Peak
3 @	2480.0	84.30			85.76	28.47	2.87	32.80	100	332	Average
4 @	2480.0	96.98			98.44	28.47	2.87	32.80	100	0	Peak
5	2483.5	63.84	-10.16	74.00	65.30	28.47	2.87	32.80	100	0	Peak
6 !	2483.5	50.24	-3.76	54.00	51.70	28.47	2.87	32.80	100	332	Average
7	8202.0	52.09	-21.91	74.00	41.89	37.43	5.97	33.20	100	0	Peak
8	8202.0	38.50	-15.50	54.00	28.30	37.43	5.97	33.20	100	233	Average
9	10521.0	58.81	-15.19	74.00	45.42	38.79	7.50	32.90	100	0	Peak
10	10521.0	45.37	-8.63	54.00	31.98	38.79	7.50	32.90	100	235	Average
11	14022.0	63.36	-10.64	74.00	44.62	41.53	8.35	31.13	100	0	Peak
12 !	14022.0	50.50	-3.50	54.00	31.76	41.53	8.35	31.13	100	289	Average

Remark: #3 and #4 Fundamental Signal



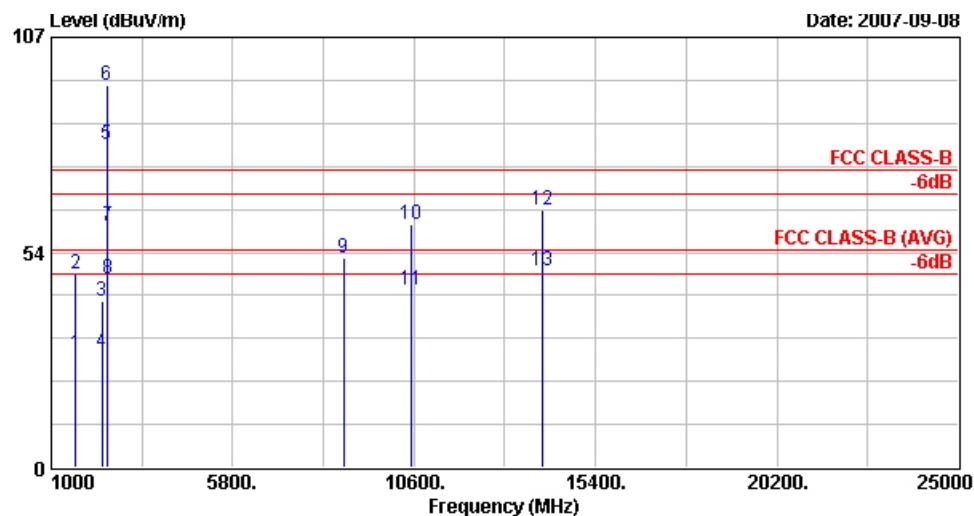
Polarization : Vertical

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



Site : 08CH08-HY
Condition : LF-BILOG VERTICAL
EUT : PDA Smart Phone
Power : 120V&60Hz
Model : FR 783112
Mode : BT Tx: CH78,2480MHz+Adapter
Rate : 2-DHS
Plane : E2

Freq	Level	Over Limit		Read	Ant	Table	Pos	Pos	Remark
		Line	Limit						
MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1 @	34.9	37.40	-2.60	40.00	47.11	15.53	2.45	27.69	100 360 QP
2	81.3	31.89	-8.11	40.00	49.26	7.58	2.71	27.66	100 0 Peak
3	200.1	36.84	-6.66	43.50	51.76	9.63	3.57	28.12	100 0 Peak
4	792.1	35.67	-10.33	46.00	39.15	20.75	5.59	29.82	100 0 Peak
5	808.2	36.87	-9.13	46.00	40.19	20.76	5.71	29.79	100 0 Peak
6	839.7	34.41	-11.59	46.00	37.25	20.82	5.90	29.56	100 0 Peak



Site : 00CH08-HY
 Condition : HORN-6741-2007-05 VERTICAL
 EUT : PDA Smart Phone
 Power : 120V60Hz
 Model : FR 783112
 Mome : BT Tx:CH78,2480MHz+Adapter
 Rate : 2-DHS
 Plane : E2

	Freq	Over Level	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Pos	Remark
									MHz	dBuV/m	dB
									dB	dBuV/m	dB
1	1638.0	28.05	-25.95	54.00	32.91	26.03	2.28	33.17	100	243	Average
2	1638.0	48.13	-25.87	74.00	52.99	26.03	2.28	33.17	100	0	Peak
3	2350.0	41.37	-32.63	74.00	43.18	28.19	2.80	32.80	100	0	Peak
4	2350.0	28.63	-25.37	54.00	30.44	28.19	2.80	32.80	100	30	Average
5 @	2480.0	80.53			81.99	28.47	2.87	32.80	100	30	Average
6 @	2480.0	95.00			96.46	28.47	2.87	32.80	100	0	Peak
7	2483.5	59.94	-14.06	74.00	61.40	28.47	2.87	32.80	100	0	Peak
8	2483.5	46.88	-7.12	54.00	48.34	28.47	2.87	32.80	100	30	Average
9	8730.0	51.98	-22.02	74.00	41.28	37.95	5.99	33.25	100	0	Peak
10	10521.0	60.63	-13.37	74.00	47.24	38.79	7.50	32.90	100	0	Peak
11	10521.0	44.05	-9.95	54.00	30.66	38.79	7.50	32.90	100	237	Average
12	14001.0	63.90	-10.10	74.00	45.12	41.50	8.38	31.10	100	0	Peak
13 !	14001.0	48.93	-5.07	54.00	30.15	41.50	8.38	31.10	100	256	Average

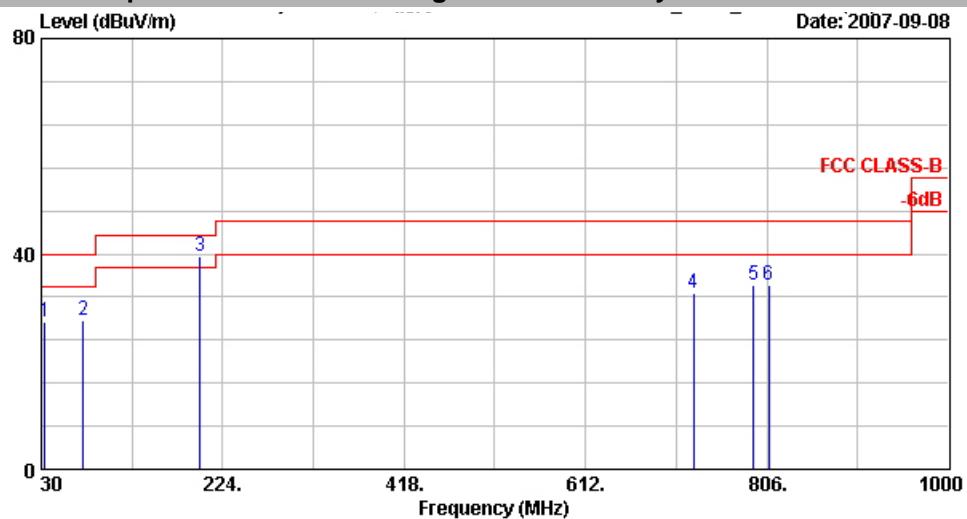
Remark: #3 and #4 Fundamental Signal



Test Mode : Mode 13

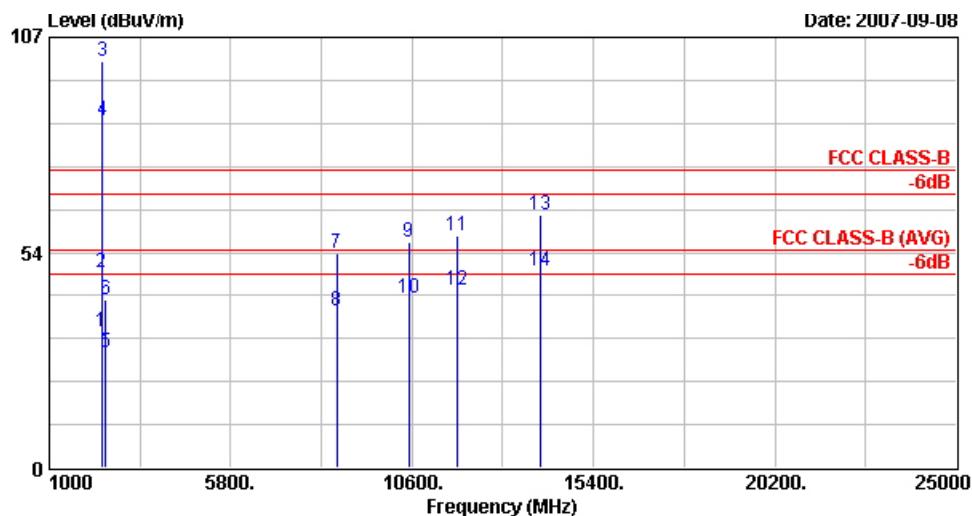
Polarization : Horizontal

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



Site : 08CH03-HY
 Condition : LF-BILOG HORIZONTAL
 EUT : PDA Smart Phone
 Power : 120V/60Hz
 Model : FR 783112
 Mode : BT Tx CH00,2402MHz+Adapter
 Rate : 3-DHS
 Plane : E2

	Freq	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	
			MHz	dBuV/m	dB	dBuV/m	Level	Factor	Loss	Factor	Pos
1	33.8	27.28	-12.72	40.00	36.50	16.12	2.35	27.69	100	0	Peak
2	75.1	27.71	-12.29	40.00	45.60	6.57	3.30	27.75	100	0	Peak
3 @	200.1	39.60	-3.90	43.50	54.52	9.63	3.57	28.12	100	225	Peak
4	727.7	32.83	-13.17	46.00	36.95	20.38	5.18	29.68	100	0	Peak
5	792.1	34.29	-11.71	46.00	37.77	20.75	5.59	29.82	100	0	Peak
6	808.2	34.20	-11.80	46.00	37.52	20.76	5.71	29.79	100	0	Peak



Site : 00CH00-HY
 Condition : HORN-6741-2007-05 HORIZONTAL
 EUT : PDA Smart Phone
 Power : 120V@60Hz
 Model : FR 783112
 Mome : BT Tx: CH00,2402MHz+Adapter
 Rate : 3-DHS
 Plane : E2

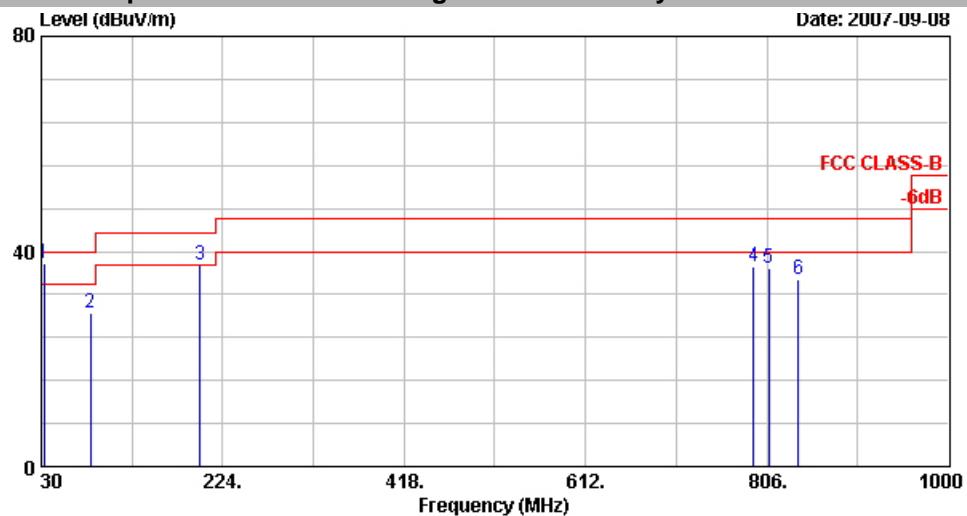
	Freq	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
			MHz	dBuV/m	dB	dBuV/m	dB	dB	cm	deg	
1	2387.9	33.64	-20.36	54.00	35.32	28.29	2.82	32.80	100	322	Average
2	2387.9	48.54	-25.46	74.00	50.22	28.29	2.82	32.80	100	0	Peak
3 @	2402.0	101.07			102.72	28.33	2.82	32.80	100	0	Peak
4 @	2402.0	86.21			87.89	28.29	2.82	32.80	100	322	Average
5	2494.0	28.55	-25.45	54.00	29.98	28.50	2.87	32.80	100	322	Average
6	2494.0	41.75	-32.25	74.00	43.18	28.50	2.87	32.80	100	0	Peak
7	8610.0	53.24	-20.76	74.00	42.39	37.92	6.14	33.22	100	0	Peak
8	8610.0	38.95	-15.05	54.00	28.10	37.92	6.14	33.22	100	305	Average
9	10521.0	56.27	-17.73	74.00	42.88	38.79	7.50	32.90	100	0	Peak
10	10521.0	42.05	-11.95	54.00	28.66	38.79	7.50	32.90	100	322	Average
11	11814.0	57.57	-16.43	74.00	41.60	39.26	9.44	32.74	100	0	Peak
12	11814.0	44.07	-9.93	54.00	28.10	39.26	9.44	32.74	100	36	Average
13	14013.0	62.96	-11.04	74.00	44.21	41.50	8.35	31.10	100	0	Peak
14 !	14013.0	48.97	-5.03	54.00	30.22	41.50	8.35	31.10	100	58	Average

Remark: #3 and #4 Fundamental Signal



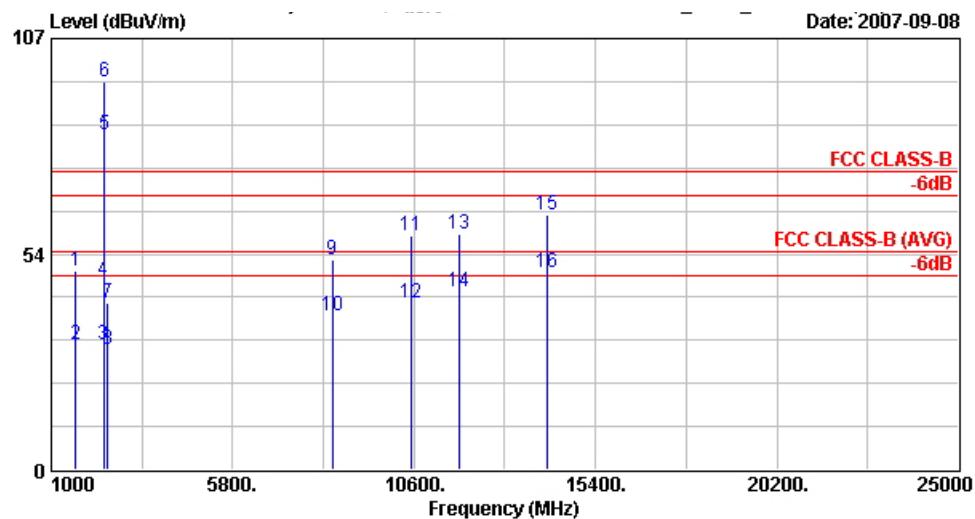
Polarization : Vertical

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



Site	08CH08-HY
Condition	LF-BILOG VERTICAL
EUT	PDA Smart Phone
Power	120W@0Hz
Model	FR 783112
Mode	BT Tx CH00,2402MHz+Adapter
Rate	3-DHS
Plane	E2

		Over Limit		Read		Cable Preamp		Ant	Table	
Freq	Level	Limit	Line	Antenna Level	Factor	Loss	Factor	Pos	Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	cm	deg	
1 @	33.0	37.85	-2.15	40.00	46.57	16.71	2.26	27.69	100	356 QP
2	82.4	28.44	-11.56	40.00	45.70	7.79	2.61	27.66	100	0 Peak
3	200.1	37.33	-6.17	43.50	52.25	9.63	3.57	28.12	100	0 Peak
4	792.1	37.18	-8.82	46.00	40.66	20.75	5.59	29.82	100	0 Peak
5	808.2	36.78	-9.22	46.00	40.10	20.76	5.71	29.79	100	0 Peak
6	839.7	34.68	-11.32	46.00	37.52	20.82	5.90	29.56	100	0 Peak



Site : 08CH08-HY
 Condition : HORN-6741-2007-05 VERTICAL
 EUT : PDA Smart Phone
 Power : 120V@60Hz
 Model : FR 783112
 Mome : BT Tx: CH00,2402MHz+Adapter
 Rate : 3-DHS
 Plane : E2

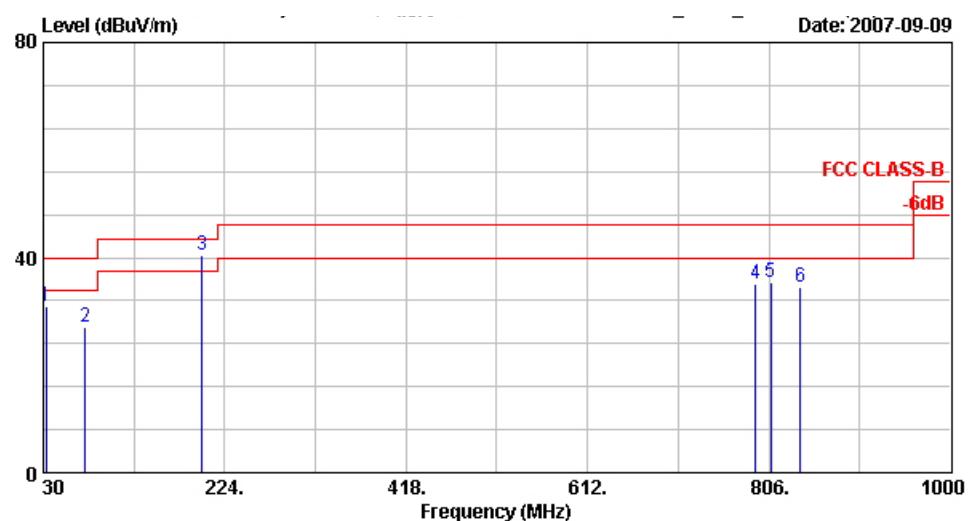
	Freq	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
			MHz	dBuV/m	dB	dBuV/m	Line	Level	Factor	Loss	
1	1636.0	49.44	-24.56	74.00	54.37	25.96	2.28	33.17	100	0	Peak
2	1636.0	31.09	-22.91	54.00	36.02	25.96	2.28	33.17	100	242	Average
3	2380.3	31.03	-22.97	54.00	32.77	28.26	2.80	32.80	100	302	Average
4	2380.3	46.78	-27.22	74.00	48.52	28.26	2.80	32.80	100	0	Peak
5 @	2402.0	82.95			84.63	28.29	2.82	32.80	100	302	Average
6 @	2402.0	96.18			97.83	28.33	2.82	32.80	100	0	Peak
7	2500.0	41.27	-32.73	74.00	42.70	28.50	2.87	32.80	100	0	Peak
8	2500.0	29.67	-24.33	54.00	31.10	28.50	2.87	32.80	100	302	Average
9	8430.0	52.24	-21.76	74.00	41.41	37.79	6.24	33.20	100	0	Peak
10	8430.0	38.16	-15.84	54.00	27.33	37.79	6.24	33.20	100	325	Average
11	10521.0	58.22	-15.78	74.00	44.83	38.79	7.50	32.90	100	0	Peak
12	10521.0	41.40	-12.60	54.00	28.01	38.79	7.50	32.90	100	302	Average
13	11802.0	58.37	-15.63	74.00	42.41	39.26	9.44	32.74	100	0	Peak
14	11802.0	44.23	-9.77	54.00	28.27	39.26	9.44	32.74	100	55	Average
15	14118.0	63.39	-10.61	74.00	44.64	41.69	8.28	31.23	100	0	Peak
16 !	14118.0	49.01	-4.99	54.00	30.26	41.69	8.28	31.23	100	287	Average

Remark: #5 and #6 Fundamental Signal



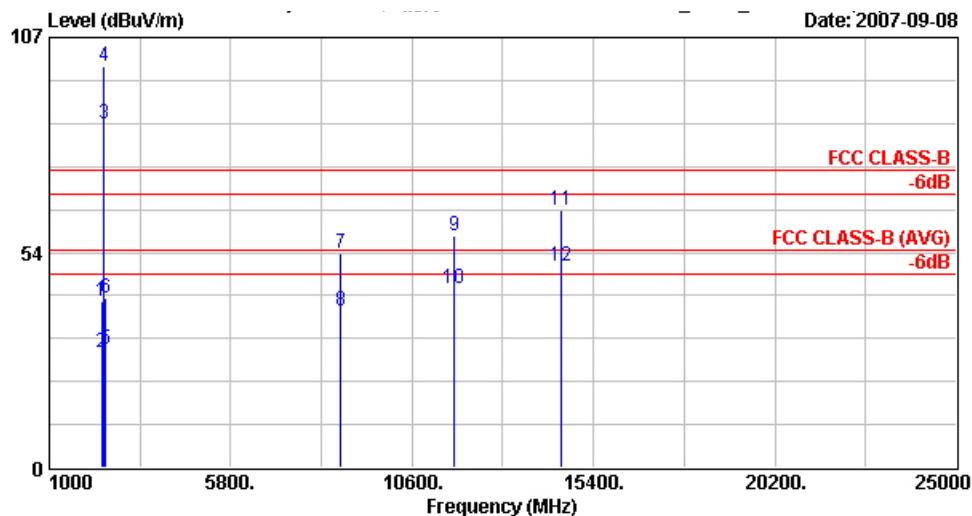
Test Mode : Mode 14

Polarization : Horizontal



Site : 08CH03-HY
Condition : LF-BILOG HORIZONTAL
EUT : PDA Smart Phone
Power : 120V@0Hz
Model : FR 783112
Mode : BT Tx CH39,2441MHz+Adapter
Rate : 3-DHS
Plane : E2

	Freq	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
			MHz	dBuV/m	dB	dBuV/m	Level	Factor	Loss	Pos	
1		32.7	30.98	-9.02	40.00	39.70	16.71	2.26	27.69	100	0 Peak
2		75.1	26.95	-13.05	40.00	44.84	6.57	3.30	27.75	100	0 Peak
3 @		200.1	40.30	-3.20	43.50	55.22	9.63	3.57	28.12	100	266 Peak
4		792.1	35.02	-10.98	46.00	38.50	20.75	5.59	29.82	100	0 Peak
5		808.2	35.42	-10.58	46.00	38.74	20.76	5.71	29.79	100	0 Peak
6		839.7	34.37	-11.63	46.00	37.21	20.82	5.90	29.56	100	0 Peak



Site : 08CH08-HY
 Condition : HORN-6741-2007-05 HORIZONTAL
 HUT : PDA Smart Phone
 Power : 120V60Hz
 Model : FR 783112
 Mode : BT Tx CH39,2441MHz+Adapter
 Rate : 3-DHS
 Plane : E2

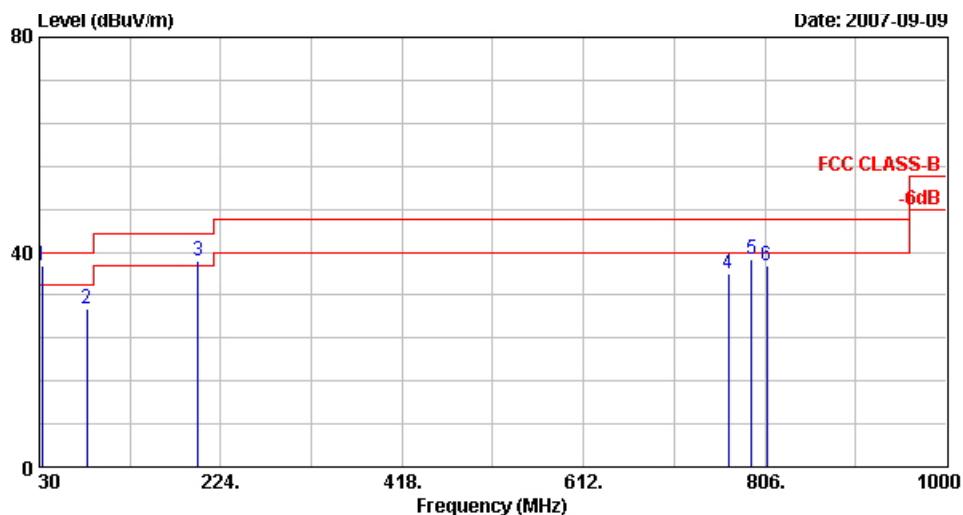
	Freq	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
			Line	Limit	Level	Factor	Cable	Loss	Factor	Pos	
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	2388.0	41.53	-32.47	74.00	43.21	28.29	2.82	32.80	100	0	Peak
2	2388.0	28.58	-25.42	54.00	30.26	28.29	2.82	32.80	100	320	Average
3 @	2441.0	85.47			87.03	28.40	2.85	32.80	100	320	Average
4 @	2441.0	99.87			101.43	28.40	2.85	32.80	100	0	Peak
5	2484.0	29.53	-24.47	54.00	30.99	28.47	2.87	32.80	100	320	Average
6	2484.0	42.10	-31.90	74.00	43.56	28.47	2.87	32.80	100	0	Peak
7	8721.0	53.19	-20.81	74.00	42.50	37.94	5.99	33.25	100	0	Peak
8	8721.0	38.83	-15.17	54.00	28.14	37.94	5.99	33.25	100	238	Average
9	11718.0	57.54	-16.46	74.00	41.64	39.24	9.41	32.76	100	0	Peak
10	11718.0	44.67	-9.33	54.00	28.77	39.24	9.41	32.76	100	345	Average
11	14538.0	63.87	-10.13	74.00	45.45	42.19	7.95	31.73	100	0	Peak
12 !	14538.0	50.27	-3.73	54.00	31.85	42.19	7.95	31.73	100	125	Average

Remark: #3 and #4 Fundamental Signal



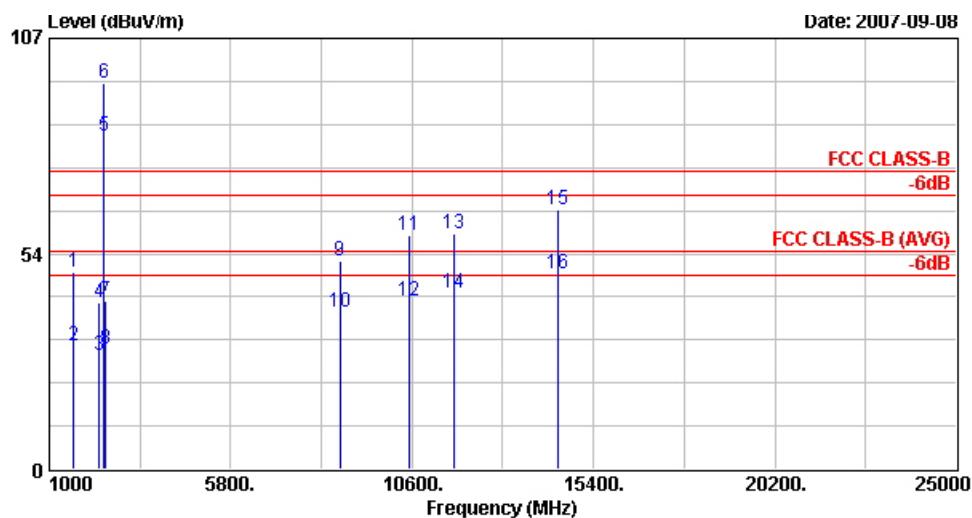
Polarization : Vertical

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



Site : 03CH03-HY
 Condition : LF-BILOG VERTICAL
 EUT : PDA Smart Phone
 Power : 120V/60Hz
 Model : FR 783112
 Mode : BT Tx CH39,2441MHz+Adapter
 Rate : 3-DHS
 Plane : E2

	Freq	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	
			MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	cm	deg
1 @	33.0	37.42	-2.58	40.00	46.14	16.71	2.26	27.69	100	350	QP
2	81.3	29.49	-10.51	40.00	46.86	7.58	2.71	27.66	100	0	Peak
3 !	200.1	38.46	-5.04	43.50	53.38	9.63	3.57	28.12	100	0	Peak
4	766.9	35.85	-10.15	46.00	39.67	20.73	5.16	29.71	100	0	Peak
5	792.1	38.71	-7.29	46.00	42.19	20.75	5.59	29.82	100	0	Peak
6	808.2	37.47	-8.53	46.00	40.79	20.76	5.71	29.79	100	0	Peak



Site : 08CH08-HY
 Condition : HORN-6741-2007-05 VERTICAL
 EUT : PDA Smart Phone
 Power : 120V60Hz
 Model : FR 783112
 Mome : BT Tx CH39,2441MHz+Adapter
 Rate : 3-DHS
 Plane : E2

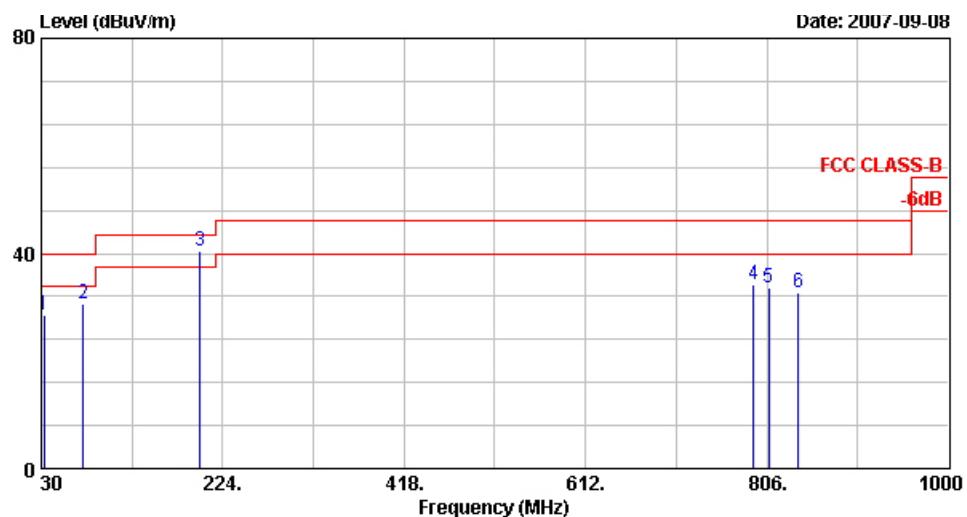
	Freq	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
			Line	Limit	Level	Factor	Loss	Factor	Pos	Pos	
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	1636.0	49.11	-24.89	74.00	54.04	25.96	2.28	33.17	100	0	Peak
2	1636.0	30.64	-23.36	54.00	35.57	25.96	2.28	33.17	100	246	Average
3	2316.0	28.40	-25.60	54.00	30.30	28.12	2.78	32.80	100	300	Average
4	2316.0	41.48	-32.52	74.00	43.38	28.12	2.78	32.80	100	0	Peak
5 @	2441.0	82.55			84.11	28.40	2.85	32.80	100	300	Average
6 @	2441.0	95.67			97.23	28.40	2.85	32.80	100	0	Peak
7	2486.0	41.60	-32.40	74.00	43.06	28.47	2.87	32.80	100	0	Peak
8	2486.0	29.76	-24.24	54.00	31.22	28.47	2.87	32.80	100	300	Average
9	8697.0	51.75	-22.25	74.00	41.01	37.94	6.04	33.24	100	0	Peak
10	8697.0	38.96	-15.04	54.00	28.22	37.94	6.04	33.24	100	327	Average
11	10521.0	58.02	-15.98	74.00	44.63	38.79	7.50	32.90	100	0	Peak
12	10521.0	41.83	-12.17	54.00	28.44	38.79	7.50	32.90	100	300	Average
13	11721.0	58.64	-15.36	74.00	42.74	39.24	9.41	32.76	100	0	Peak
14	11721.0	43.95	-10.05	54.00	28.05	39.24	9.41	32.76	100	285	Average
15	14466.0	64.48	-9.52	74.00	45.93	42.24	7.97	31.67	100	0	Peak
16 !	14466.0	48.71	-5.29	54.00	30.16	42.24	7.97	31.67	100	286	Average

Remark: #5 and #6 Fundamental Signal



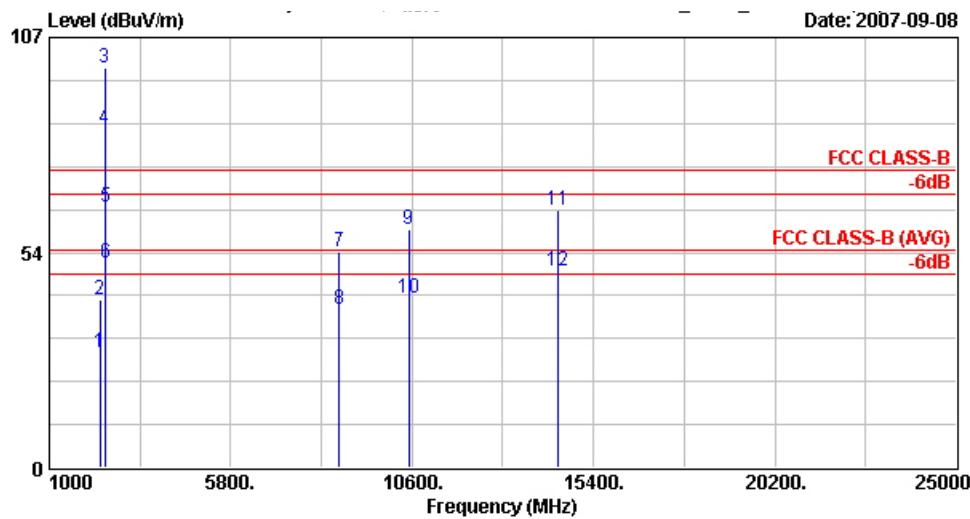
Test Mode : Mode 15

Polarization : Horizontal



Site : 08CH08-HY
Condition : LF-BILOG HORIZONTAL
EUT : PDA Smart Phone
Power : 120V/60Hz
Model : FR 783112
Mode : BT Tx CH78,2480MHz+Adapter
Rate : 3-DHS
Plane : E2

	Freq	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
			MHz	dBuV/m	dB	dBuV/m	Line	Level	Factor	Loss	
1		32.7	28.50	-11.50	40.00	37.22	16.71	2.26	27.69	100	0 Peak
2		75.1	30.69	-9.31	40.00	48.58	6.57	3.30	27.75	100	0 Peak
3 @		200.1	40.50	-3.00	43.50	55.42	9.63	3.57	28.12	100	288 Peak
4		792.1	34.16	-11.84	46.00	37.64	20.75	5.59	29.82	100	0 Peak
5		808.2	33.59	-12.41	46.00	36.91	20.76	5.71	29.79	100	0 Peak
6		839.7	32.62	-13.38	46.00	35.46	20.82	5.90	29.56	100	0 Peak



Site : 08CH08-HY
 Condition : HORN-6741-2007-05 HORIZONTAL
 HUT : PDA Smart Phone
 Power : 120V60Hz
 Model : FR 783112
 Mode : BT Tx CH78,2480MHz+Adapter
 Rate : 3-DHS
 Plane : E2

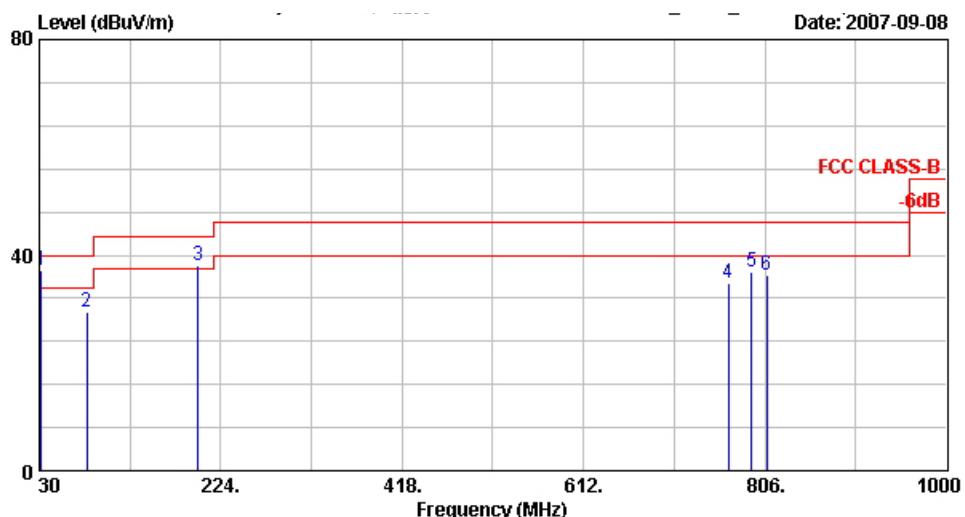
	Freq	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
			MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	cm	
1	2340.0	28.45	-25.55	54.00	30.28	28.19	2.78	32.80	100	327	Average
2	2340.0	41.60	-32.40	74.00	43.43	28.19	2.78	32.80	100	0	Peak
3 @	2480.0	99.26			100.72	28.47	2.87	32.80	100	0	Peak
4 @	2480.0	84.21			85.67	28.47	2.87	32.80	100	327	Average
5	2483.5	64.65	-9.35	74.00	66.11	28.47	2.87	32.80	100	0	Peak
6 @	2483.5	51.03	-2.97	54.00	52.49	28.47	2.87	32.80	100	327	Average
7	8682.0	53.81	-20.19	74.00	43.06	37.94	6.04	33.24	100	0	Peak
8	8682.0	39.30	-14.70	54.00	28.55	37.94	6.04	33.24	100	55	Average
9	10521.0	59.27	-14.73	74.00	45.88	38.79	7.50	32.90	100	0	Peak
10	10521.0	41.99	-12.01	54.00	28.60	38.79	7.50	32.90	100	321	Average
11	14445.0	64.01	-9.99	74.00	45.46	42.22	7.97	31.64	100	0	Peak
12 !	14445.0	48.76	-5.24	54.00	30.21	42.22	7.97	31.64	100	286	Average

Remark: #3 and #4 Fundamental Signal



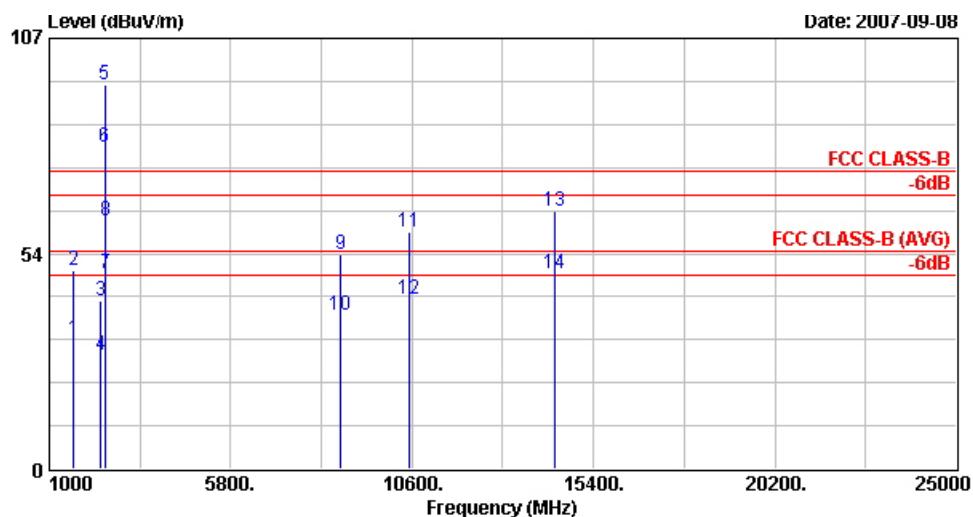
Polarization : Vertical

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



Site : 08CH08-HY
Condition : LF-BILOG VERTICAL
EUT : PDA Smart Phone
Power : 120V/60Hz
Model : FR 783112
Mode : BT Tx CH78,2480MHz+Adapter
Rate : 3-DHS
Plane : E2

	Freq	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
			Line	Limit	Level	Factor	Loss	Factor	Pos	Pos	
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1 @	31.9	37.11	-2.89	40.00	45.33	17.30	2.16	27.68	100	355	QP
2	80.5	29.39	-10.61	40.00	46.87	7.36	2.82	27.66	100	0	Peak
3 !	200.1	38.02	-5.48	43.50	52.94	9.63	3.57	28.12	100	0	Peak
4	766.9	34.74	-11.26	46.00	38.56	20.73	5.16	29.71	100	0	Peak
5	792.1	36.82	-9.18	46.00	40.30	20.75	5.59	29.82	100	0	Peak
6	808.2	36.22	-9.78	46.00	39.54	20.76	5.71	29.79	100	0	Peak



Site : 08CH08-HY
 Condition : HORN-6741-2007-05 VERTICAL
 EUT : PDA Smart Phone
 Power : 120V@0Hz
 Model : FR 783112
 Mode : BT Tx: CH78,2480MHz+Adapter
 Rate : 3-DHS
 Plane : E2

	Freq	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
			Line	Limit	Level	Factor	Loss	Factor	Pos	Pos	
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	1638.0	32.36	-21.64	54.00	37.22	26.03	2.28	33.17	100	245	Average
2	1638.0	49.31	-24.69	74.00	54.17	26.03	2.28	33.17	100	0	Peak
3	2372.0	41.65	-32.35	74.00	43.39	28.26	2.80	32.80	100	0	Peak
4	2372.0	28.33	-25.67	54.00	30.07	28.26	2.80	32.80	100	33	Average
5 @	2480.0	95.28			96.74	28.47	2.87	32.80	100	0	Peak
6 @	2480.0	80.09			81.55	28.47	2.87	32.80	100	33	Average
7 !	2483.5	48.71	-5.29	54.00	50.17	28.47	2.87	32.80	100	33	Average
8	2483.5	61.82	-12.18	74.00	63.28	28.47	2.87	32.80	100	0	Peak
9	8706.0	53.28	-20.72	74.00	42.59	37.94	5.99	33.24	100	0	Peak
10	8706.0	38.12	-15.88	54.00	27.43	37.94	5.99	33.24	100	68	Average
11	10521.0	58.89	-15.11	74.00	45.50	38.79	7.50	32.90	100	0	Peak
12	10521.0	42.16	-11.84	54.00	28.77	38.79	7.50	32.90	100	33	Average
13	14385.0	64.13	-9.87	74.00	45.56	42.11	8.04	31.57	100	0	Peak
14 !	14385.0	48.45	-5.55	54.00	29.88	42.11	8.04	31.57	100	258	Average

Remark: #5 and #6 Fundamental Signal



5.12 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 are PIFA Antenna for WLAN and BT 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)
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)
Spectrum Analyzer	Agilent	E4408B	MY44211030	9KHz-26.5GHz	Oct. 05, 2007	Oct. 04, 2008	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)



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 $U_c(y)$	1.13		
Measuring uncertainty for a level of confidence of 95% $U=2U_c(y)$	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 $U_c(y)$	1.30		
Measuring uncertainty for a level of confidence of 95% $U=2U_c(y)$	2.60		

The measured result is : y dBuV $\pm U$ dB

for a level of confidence of approximately 95% , ($k= 2$)



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*Γ3)	+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				