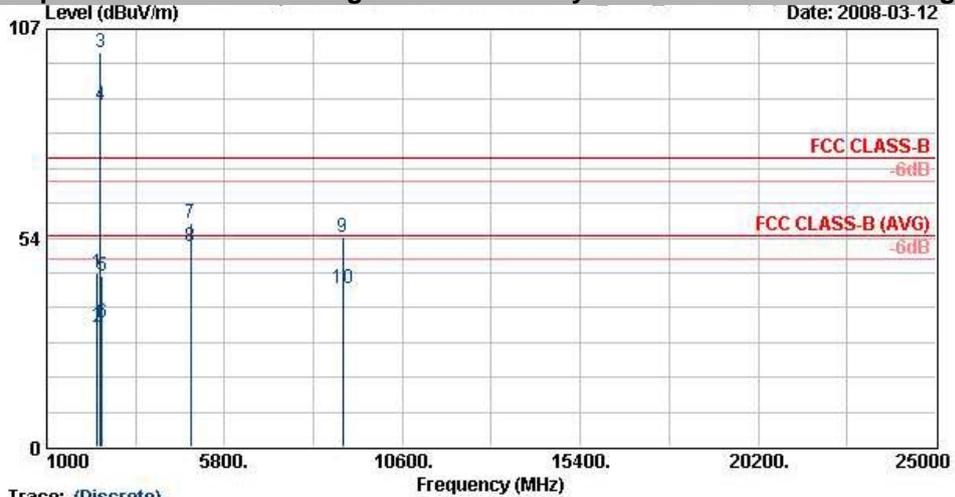


- Polarization : Horizontal (1GHz-25GHz)

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



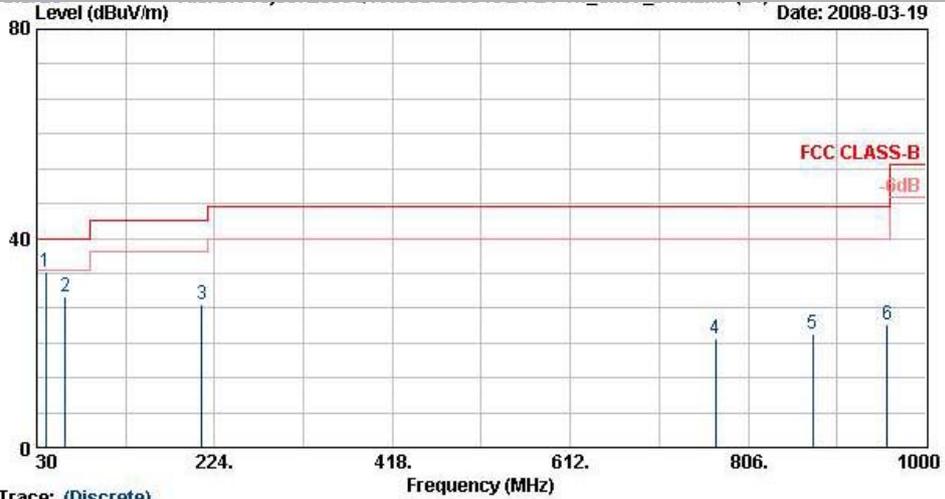
Site : 03CH06-HY
 Condition : FCC CLASS-B 3m SHF-EHF HORN HORIZONTAL
 EUT : CSM/EDGE(Class10)850/900/1800/1900
 WCDMA/HSDPA850/1900/2100 PDA phone
 Power : 120Vac/60Hz
 Model : FR 830315
 Memo : BT Tx_Ch39;2441MHz + Adaptor
 Data Rate : DH5
 Plane : E2
 TABLE : 3530200200000008

	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	2356.00	44.38	-29.62	74.00	44.39	31.81	3.86	35.67	100	0	Peak
2	2356.00	30.58	-23.42	54.00	30.59	31.81	3.86	35.67	162	352	Average
3 X	2441.00	101.13			100.91	31.93	3.99	35.69	100	0	Peak
4 @	2441.00	87.59			87.37	31.93	3.99	35.69	162	352	Average
5	2486.00	43.74	-30.26	74.00	43.41	31.98	4.05	35.70	100	0	Peak
6	2486.00	31.89	-22.11	54.00	31.56	31.98	4.05	35.70	162	352	Average
7	4881.00	57.38	-16.62	74.00	53.06	34.15	5.82	35.65	100	0	Peak
8 !	4881.00	51.16	-2.84	54.00	46.84	34.15	5.82	35.65	100	184	Average
9	8991.00	53.88	-20.12	74.00	46.19	36.48	7.80	36.59	100	0	Peak
10	8991.00	40.69	-13.31	54.00	33.00	36.48	7.80	36.59	100	177	Average

Remark: #3 and #4 are Fundamental Signals

- Polarization : Vertical (30MHz-1GHz)

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

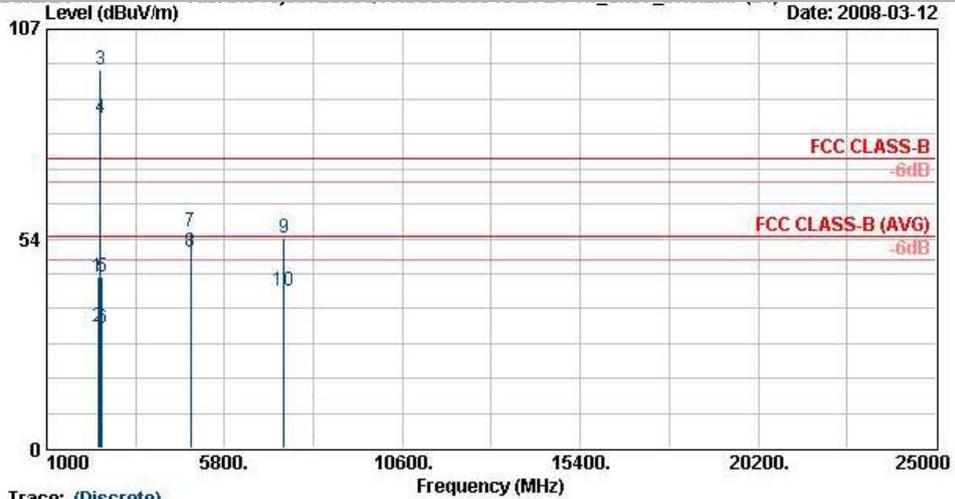


Site : 03CH06-HY
 Condition : FCC CLASS-B 3m LF-ANT(951121) VERTICAL
 EDT : CSM/EDGE(Class10)850/900/1800/1900
 WCDMA/HSDPA850/1900/2100 PDA phone
 Power : 120Vac/60Hz
 Model : FR 830315
 Memo : BT Tx_Ch39;2441MHz + Adaptor
 Data Rate : DH5
 Plane : E2
 IMET : 3530200200000098

	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	39.99	33.54	-6.46	40.00	52.93	13.51	0.30	33.20	100	211	Peak
2	61.59	28.76	-11.24	40.00	55.14	6.67	0.40	33.45	---	---	Peak
3	210.09	27.46	-16.04	43.50	50.44	9.93	0.60	33.51	---	---	Peak
4	770.40	20.95	-25.05	46.00	33.06	19.54	1.10	32.74	---	---	Peak
5	876.80	21.80	-24.20	46.00	32.88	20.36	1.30	32.74	---	---	Peak
6	957.30	23.59	-22.41	46.00	33.76	20.94	1.27	32.38	---	---	Peak

- Polarization : Vertical (1GHz-25GHz)

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



Site : 03CH06-HY
 Condition : FCC CLASS-B 3m SHF-EHF HORN VERTICAL
 EDT : GSM/EDGE(Class10)850/900/1800/1900
 WCDMA/HSDPA850/1900/2100 PDA phone
 Power : 120Vac/60Hz
 Model : FR 830315
 Memo : BT Tx_Ch39;2441MHz + Adaptor
 Data Rate : DH5
 Plane : E2
 TIME : 3530200200000000

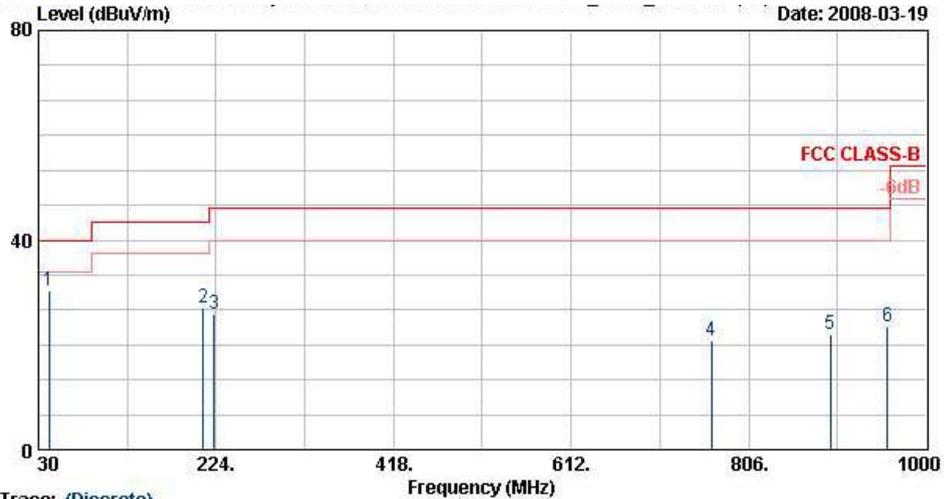
Trace: (Discrete)

	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	2388.00	43.90	-30.10	74.00	43.80	31.86	3.92	35.68	100	0	Peak
2	2388.00	31.00	-23.00	54.00	30.90	31.86	3.92	35.68	162	31	Average
3 X	2441.00	96.68			96.46	31.93	3.99	35.69	100	0	Peak
4 @	2441.00	84.34			84.12	31.93	3.99	35.69	162	31	Average
5	2494.00	43.91	-30.09	74.00	43.56	32.00	4.05	35.70	100	0	Peak
6	2494.00	30.65	-23.35	54.00	30.30	32.00	4.05	35.70	162	31	Average
7	4881.00	55.16	-18.84	74.00	50.84	34.15	5.82	35.65	100	0	Peak
8 !	4881.00	50.06	-3.94	54.00	45.74	34.15	5.82	35.65	100	57	Average
9	7392.00	53.63	-20.37	74.00	46.93	35.64	7.23	36.16	100	0	Peak
10	7392.00	40.05	-13.95	54.00	33.34	35.64	7.23	36.16	100	124	Average

Remark: #3 and #4 are Fundamental Signals

- Model : ZX1
- Test Mode : Mode 3
- Polarization : Horizontal (30MHz-1GHz)

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



Trace: (Discrete)

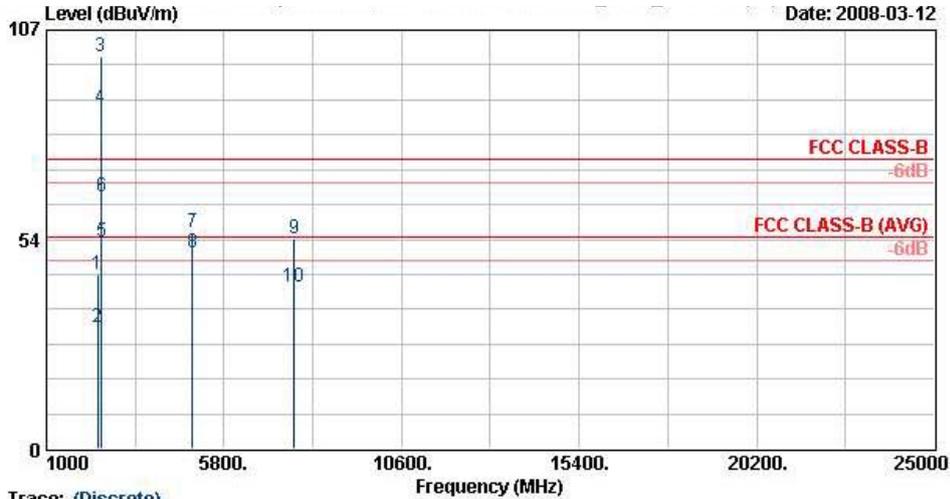
```

Site      : 03CH06-HY
Condition : FCC CLASS-B 3m LP-ANT(951121) HORIZONTAL
EUT      : GSM/EDGE(Class10)850/900/1800/1900
          WCDMA/HSDPA850/1900/2100 PDA phone
Power    : 120Vac/60Hz
Model    : FR 830315
Memo     : BT Tx_Ch78;2480MHz + Adaptor
Data Rate : DH5
Plane    : E2
IMET     : 353020020000098
  
```

	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	Ant	Table	Remark
	MHz	dBuV/m	Limit	Line	Level	Loss	Factor	Pos	Pos	
			dB	dBuV/m	dBuV	dB	dB	cm	deg	
1	41.88	30.41	-9.59	40.00	50.76	12.51	0.30	33.16	100	147 Peak
2	210.09	27.16	-16.34	43.50	50.15	9.93	0.60	33.51	---	---
3	222.24	25.89	-20.11	46.00	48.07	10.61	0.70	33.49	---	---
4	764.80	20.80	-25.20	46.00	32.98	19.49	1.10	32.77	---	---
5	895.00	22.15	-23.85	46.00	33.15	20.50	1.30	32.79	---	---
6	957.30	23.39	-22.61	46.00	33.57	20.94	1.27	32.38	---	---

- Polarization : Horizontal (1GHz-25GHz)

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



Trace: (Discrete)

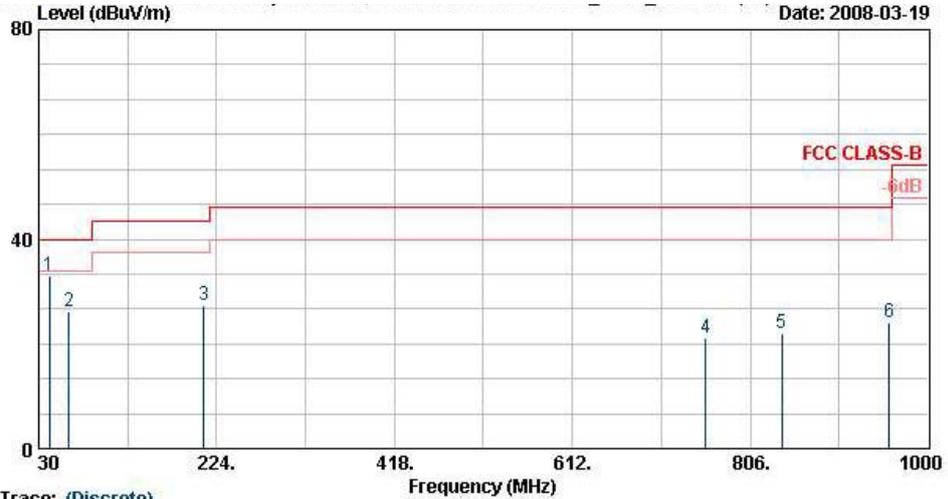
Site : D3CH06-HY
 Condition : FCC CLASS-B 3m SHF-EHF HORN HORIZONTAL
 EUT : GSM/EDGE(Class10)850/900/1800/1900
 WCDMA/HSDPA850/1900/2100 PDA phone
 Power : 120Vac/60Hz
 Model : FR 830315
 Memo : BT Tx_Ch78;2480MHz + Adaptor
 Data Rate : DH5
 Plane : E2
 TMET : 353020020000098

	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	Ant	Table	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1	2390.00	44.62	-29.38	74.00	44.52	31.86	3.92	35.68	100	0 Peak
2	2390.00	31.15	-22.85	54.00	31.05	31.86	3.92	35.68	127	358 Average
3 X	2480.00	100.32			99.99	31.98	4.05	35.70	100	0 Peak
4 @	2480.00	86.94			86.61	31.98	4.05	35.70	127	358 Average
5 !	2483.50	52.86	-1.14	54.00	52.53	31.98	4.05	35.70	127	358 Average
6	2483.50	64.37	-9.63	74.00	64.04	31.98	4.05	35.70	100	0 Peak
7	4956.00	55.40	-18.60	74.00	50.97	34.19	5.87	35.62	100	0 Peak
8 !	4956.00	50.09	-3.91	54.00	45.66	34.19	5.87	35.62	100	298 Average
9	7707.00	53.69	-20.31	74.00	46.93	35.64	7.37	36.24	100	0 Peak
10	7707.00	41.30	-12.70	54.00	34.53	35.64	7.37	36.24	100	242 Average

Remark: #3 and #4 are Fundamental Signals

- Polarization : Vertical (30MHz-1GHz)

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



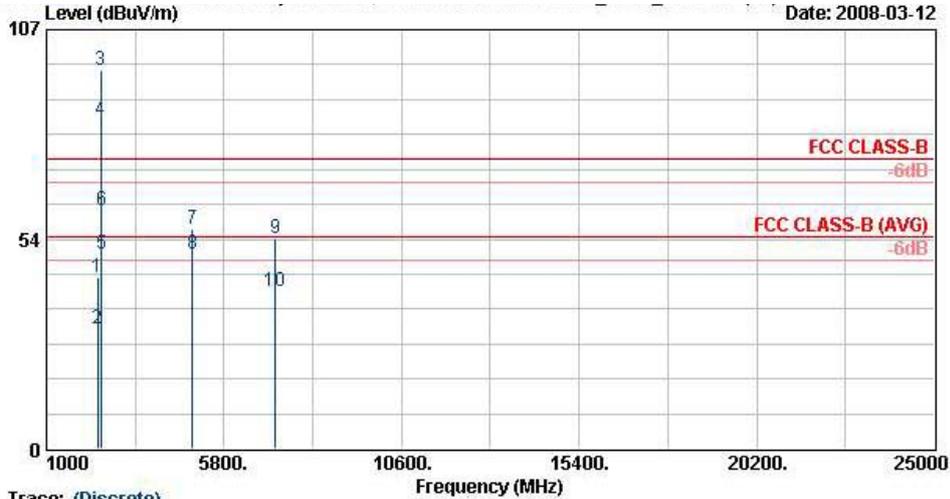
Trace: (Discrete)

Site : D3CH06-HY
 Condition : FCC CLASS-B 3m LP-ANT(951121) VERTICAL
 EDT : GSM/EDGE(Class10)850/900/1800/1900
 WCDMA/HSDPA850/1900/2100 PDA phone
 Power : 120Vac/60Hz
 Model : FR 830315
 Memo : BT Tx_Ch78;2480MHz + Adaptor
 Data Rate : DH5
 Plane : E2
 TIME1 : 353020020000098

	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	41.34	32.97	-7.03	40.00	53.32	12.51	0.30	33.16	100	291	Peak
2	62.94	26.08	-13.92	40.00	52.47	6.70	0.40	33.49	---	---	Peak
3	210.09	27.45	-16.05	43.50	50.43	9.93	0.60	33.51	---	---	Peak
4	757.80	21.25	-24.75	46.00	33.55	19.42	1.10	32.82	---	---	Peak
5	840.40	21.96	-24.04	46.00	33.31	20.10	1.20	32.66	---	---	Peak
6	957.30	24.11	-21.89	46.00	34.28	20.94	1.27	32.38	---	---	Peak

- Polarization : Vertical (1GHz-25GHz)

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



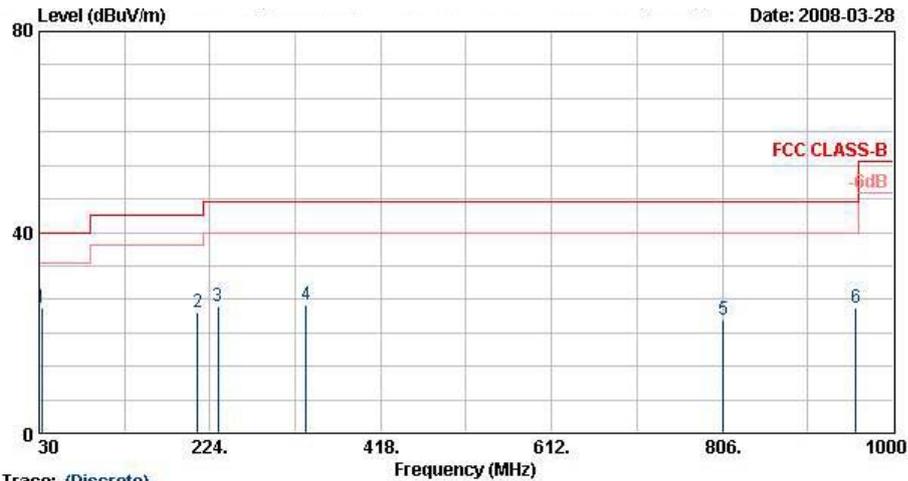
Trace: (Discrete)
 Site : D3CH06-HV
 Condition : FCC CLASS-B 3m SHF-EHF HORN VERTICAL
 EDT : GSM/EDGE(Class10)850/900/1800/1900
 WCDMA/HSDPA850/1900/2100 PDA phone
 Power : 120Vac/60Hz
 Model : FR 830315
 Memo : BT Tx_Ch78;2480MHz + Adaptor
 Data Rate : DH5
 Plane : E2
 TMET : 353020020000098

	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	2382.00	43.92	-30.08	74.00	43.84	31.83	3.92	35.68	100	0	Peak
2	2382.00	30.48	-23.52	54.00	30.40	31.83	3.92	35.68	186	7	Average
3 X	2480.00	96.48			96.15	31.98	4.05	35.70	100	0	Peak
4 @	2480.00	83.89			83.56	31.98	4.05	35.70	186	7	Average
5 !	2483.50	49.82	-4.18	54.00	49.49	31.98	4.05	35.70	186	7	Average
6	2483.50	60.80	-13.20	74.00	60.47	31.98	4.05	35.70	100	0	Peak
7	4956.00	56.13	-17.87	74.00	51.70	34.19	5.87	35.62	100	0	Peak
8 !	4956.00	49.62	-4.38	54.00	45.19	34.19	5.87	35.62	100	157	Average
9	7182.00	53.63	-20.37	74.00	46.82	35.72	7.16	36.07	100	0	Peak
10	7182.00	40.33	-33.67	74.00	33.52	35.72	7.16	36.07	100	0	Peak

Remark: #3 and #4 are Fundamental Signals

- Model : P560
- Temperature : 21~26
- Relating Humidity : 50~55%
- Test Engineer : Sun
- Test Mode : Mode 1
- Polarization : Horizontal (30MHz-1GHz)

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

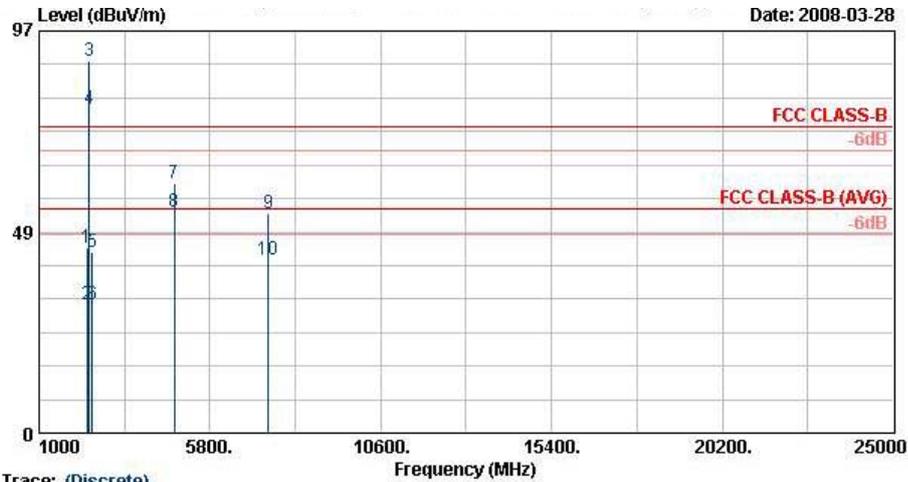


Trace: (Discrete)
 Site : 03CH06-HY
 Condition : FCC CLASS-B 3m LF-ANT(951121) HORIZONTAL
 EUT : GSM/EDGE(Class10)850/900/1800/1900
 WCDMA/HSDPA850/1900/2100 PDA phone
 Power : 120Vac/60Hz
 Model : FR 830314
 Memo : BT Tx_Ch00;2402MHz + Adaptor
 Data Rate : DHS
 Plane : E2
 TIME1 : 353020020000146

	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	Ant	Table	Remark	
	MHz	dBuV/m	Limit	Line	Level	Loss	Factor	Pos	Pos		
			dB	dBuV/m	dBuV	dB	dB	cm	deg		
1	33.24	24.89	-15.11	40.00	40.42	17.54	0.30	33.38	100	150 Peak	
2	210.09	23.98	-19.52	43.50	46.96	9.93	0.60	33.51	---	---	Peak
3	233.58	25.14	-20.86	46.00	46.61	11.30	0.70	33.47	---	---	Peak
4	332.90	25.47	-20.53	46.00	43.86	14.05	0.80	33.24	---	---	Peak
5	806.80	22.50	-23.50	46.00	34.01	19.87	1.20	32.58	---	---	Peak
6	957.30	24.91	-21.09	46.00	35.08	20.94	1.27	32.38	---	---	Peak

- Polarization : Horizontal (1GHz-25GHz)

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



Trace: (Discrete)

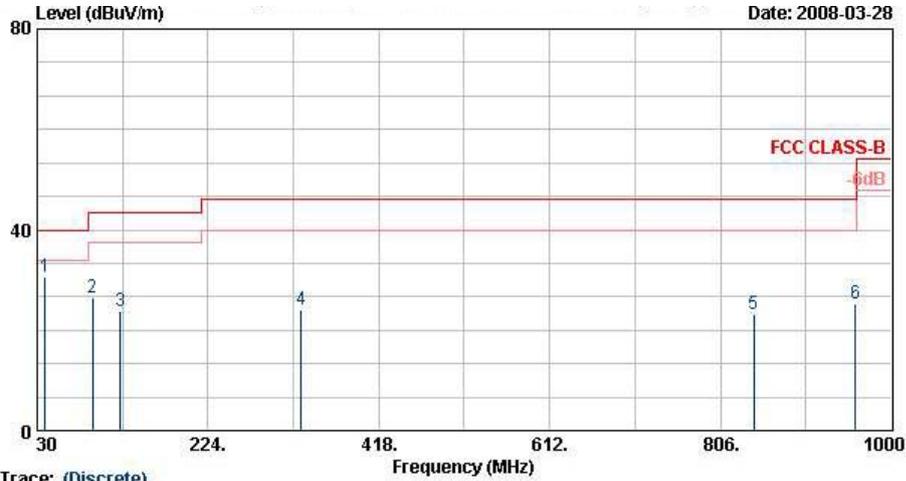
Site : 03CH06-HV
 Condition : FCC CLASS-B 3m SHF-EHF HORN HORIZONTAL
 EUT : GSM/EDGE(Class10)850/900/1800/1900
 WCDMA/HSDPA850/1900/2100 PDA phone
 Power : 120Vac/60Hz
 Model : FR 830314
 Memo : BT Tx_Ch00;2402MHz + Adaptor
 Data Rate : DHS
 Plane : E2
 TIME1 : 353020020000148

	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	2351.61	44.68	-29.32	74.00	44.64	31.83	3.89	35.68	100	0	Peak
2	2351.61	31.16	-22.84	54.00	31.17	31.81	3.86	35.67	109	311	Average
3 X	2402.00	89.69			89.57	31.88	3.92	35.68	100	0	Peak
4 @	2402.00	78.34			78.24	31.86	3.92	35.68	109	311	Average
5	2486.00	43.79	-30.21	74.00	43.46	31.98	4.05	35.70	100	0	Peak
6	2486.00	31.00	-23.00	54.00	30.67	31.98	4.05	35.70	109	311	Average
7	4806.00	60.28	-13.72	74.00	56.06	34.12	5.77	35.68	100	0	Peak
8 !	4806.00	53.37	-0.63	54.00	49.16	34.12	5.77	35.68	102	313	Average
9	7437.00	52.99	-21.01	74.00	46.29	35.62	7.24	36.17	100	0	Peak
10	7437.00	41.87	-12.13	54.00	35.18	35.62	7.24	36.17	100	296	Average

Remark: #3 and #4 are Fundamental Signals

- Polarization : Vertical (30MHz-1GHz)

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



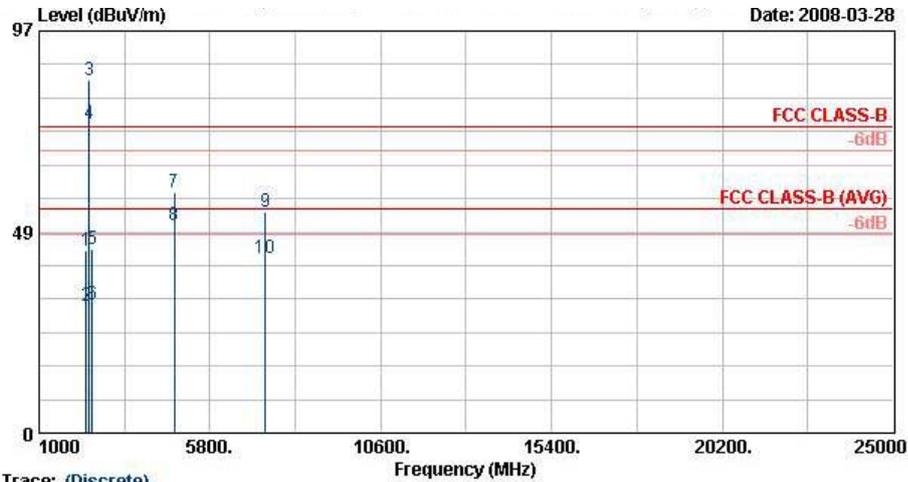
Trace: (Discrete)

Site : 03CH06-HY
 Condition : FCC CLASS-B 3m LF-ANT(951121) VERTICAL
 EUT : GSM/EDGE(Class1)850/900/1800/1900
 WCDMA/HSDPA650/1900/2100 PDA phone
 Power : 120Vac/60Hz
 Model : FR 830314
 Memo : BT Tx_Ch00;2402MHz + Adaptor
 Data Rate : DH5
 Plane : E2
 TIME : 353020020000146

	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	Ant	Table	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1	39.18	30.74	-9.26	40.00	49.63	14.03	0.30	33.22	100	203 Peak
2	92.64	26.52	-16.98	43.50	49.74	9.62	0.50	33.33	---	---
3	124.23	23.86	-19.64	43.50	44.05	12.64	0.50	33.34	---	---
4	329.40	24.17	-21.83	46.00	42.64	13.98	0.80	33.25	---	---
5	843.90	23.31	-22.69	46.00	34.65	20.13	1.20	32.66	---	---
6	959.40	25.31	-20.69	46.00	35.44	20.95	1.29	32.37	---	---

- Polarization : Vertical (1GHz-25GHz)

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



Trace: (Discrete)

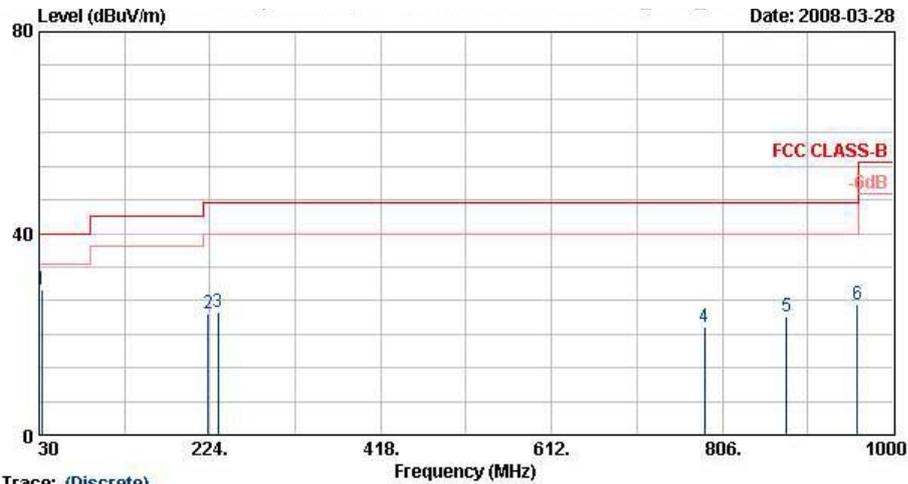
Site : 03CH06-HV
 Condition : FCC CLASS-B 3m SHF-EHF HORN VERTICAL
 EUT : GSM/EDGE(Class10)850/900/1800/1900
 WCDMA/HSDPA850/1900/2100 PDA phone
 Power : 120Vac/60Hz
 Model : FR 830314
 Memo : BT Tx_Ch00;2402MHz + Adaptor
 Data Rate : DHS
 Plane : E2
 TIME1 : 353020020000148

	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	2312.85	43.90	-30.10	74.00	43.88	31.81	3.89	35.67	100	0	Peak
2	2312.85	30.73	-23.27	54.00	30.83	31.73	3.82	35.66	131	190	Average
3 X	2402.00	85.03			84.91	31.88	3.92	35.68	100	0	Peak
4 @	2402.00	74.53			74.43	31.86	3.92	35.68	131	190	Average
5	2486.00	44.48	-29.52	74.00	44.15	31.98	4.05	35.70	100	0	Peak
6	2486.00	30.98	-23.02	54.00	30.65	31.98	4.05	35.70	131	190	Average
7	4806.00	58.13	-15.87	74.00	53.92	34.12	5.77	35.68	100	0	Peak
8 !	4806.00	50.07	-3.93	54.00	45.86	34.12	5.77	35.68	100	24	Average
9	7362.00	53.27	-20.73	74.00	46.53	35.66	7.22	36.14	100	0	Peak
10	7362.00	42.02	-11.98	54.00	35.29	35.66	7.22	36.14	100	148	Average

Remark: #3 and #4 are Fundamental Signals

- Model : P560
- Test Mode : Mode 2
- Polarization : Horizontal (30MHz-1GHz)

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



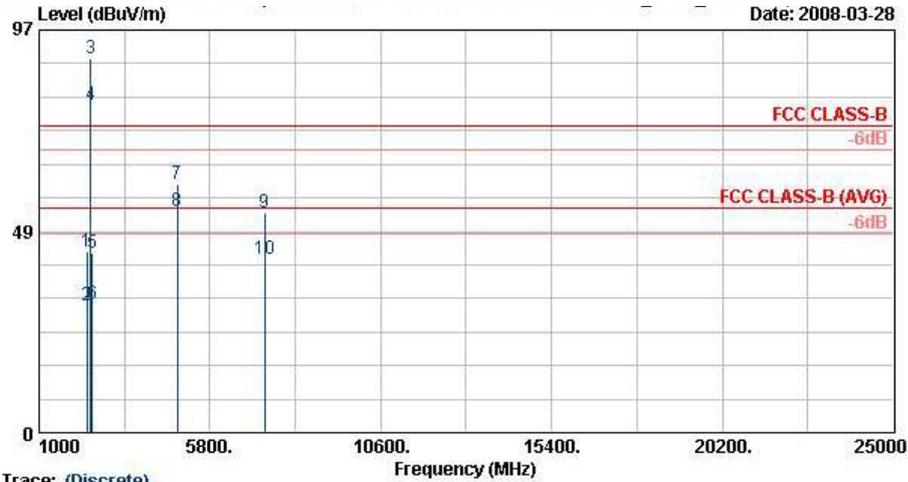
Trace: (Discrete)

Site : 03CH06-HY
 Condition : FCC CLASS-B 3m LF-ANT(951121) HORIZONTAL
 EUT : GSM/EDGE(Class10)850/900/1800/1900
 : WCDMA/HSDPA850/1900/2100 PDA phone
 Power : 120Vac/60Hz
 Model : FR 830314
 Memo : BT Tx_Ch39;2441MHz + Adaptor
 Data Rate : DHS
 Plane : E2
 IMET : 353020020000146

	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	33.24	28.86	-11.14	40.00	44.39	17.54	0.30	33.38	100	139	Peak
2	222.24	23.97	-22.03	46.00	46.14	10.61	0.70	33.49	---	---	Peak
3	233.58	24.38	-21.62	46.00	45.85	11.30	0.70	33.47	---	---	Peak
4	785.80	21.39	-24.61	46.00	33.16	19.68	1.20	32.65	---	---	Peak
5	878.90	23.48	-22.52	46.00	34.55	20.38	1.30	32.75	---	---	Peak
6	959.40	25.87	-20.13	46.00	36.00	20.95	1.29	32.37	---	---	Peak

- Polarization : Horizontal (1GHz-25GHz)

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



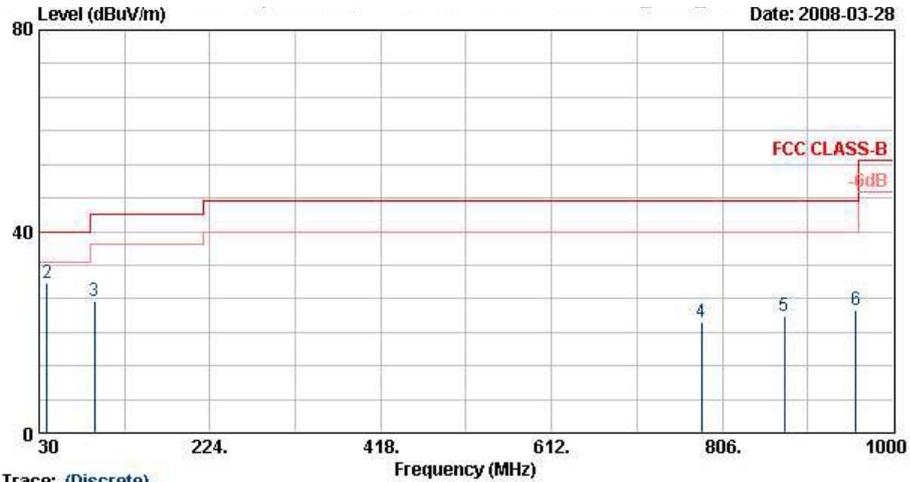
Trace: (Discrete)
 Site : 03CH06-HY
 Condition : FCC CLASS-B 3m SHF-EHF HORN HORIZONTAL
 EUT : GSM/EDGE(Class10)850/900/1800/1900
 : WCDMA/HSDPA850/1900/2100 PDA phone
 Power : 120Vac/60Hz
 Model : FR 830314
 Memo : BT Tx_Ch39;2441MHz + Adaptor
 Data Rate : DHS
 Plane : E2
 IMET : 353020020000148

	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	2348.00	43.47	-30.53	74.00	43.50	31.78	3.86	35.67	100	0	Peak
2	2348.00	30.70	-23.30	54.00	30.73	31.78	3.86	35.67	103	312	Average
3 X	2441.00	90.13			89.91	31.93	3.99	35.69	100	0	Peak
4 @	2441.00	78.88			78.66	31.93	3.99	35.69	103	312	Average
5	2500.00	43.24	-30.76	74.00	42.89	32.00	4.05	35.70	100	0	Peak
6	2500.00	31.00	-23.00	54.00	30.65	32.00	4.05	35.70	103	312	Average
7	4881.00	59.78	-14.22	74.00	55.46	34.15	5.82	35.65	100	0	Peak
8 !	4881.00	53.24	-0.76	54.00	48.92	34.15	5.82	35.65	100	306	Average
9	7332.00	53.08	-20.92	74.00	46.34	35.67	7.21	36.13	100	0	Peak
10	7332.00	41.93	-12.07	54.00	35.18	35.67	7.21	36.13	100	265	Average

Remark: #3 and #4 are Fundamental Signals

- Polarization : Vertical (30MHz-1GHz)

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

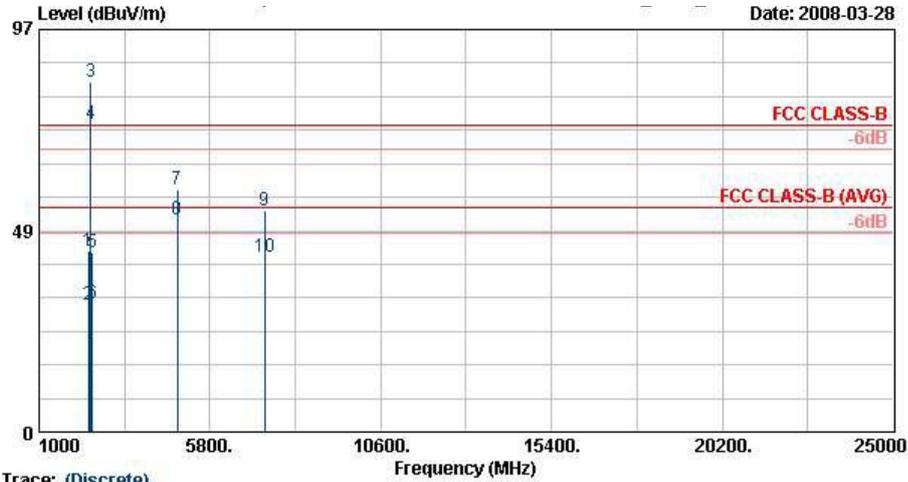


Trace: (Discrete)
 Site : 03CH06-HY
 Condition : FCC CLASS-B 3m LF-ANT(951121) VERTICAL
 EUT : GSM/EDGE(Class10)850/900/1800/1900
 : WCDMA/HSDPA850/1900/2100 PDA phone
 Power : 120Vac/60Hz
 Model : FR 830314
 Memo : BT Tx_Ch39;2441MHz + Adaptor
 Data Rate : DHS
 Plane : E2
 TMET : 353020020000148

	Freq	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
	MHz	dBuV/m	dB	dBuV/m	Level	Factor	Loss	Factor	Pos	Pos	
					dBuV	dB/m	dB	dB	cm	deg	
1	30.00	26.62	-13.38	40.00	40.16	19.66	0.30	33.50	---	---	Peak
2	39.18	29.80	-10.20	40.00	48.69	14.03	0.30	33.22	100	168	Peak
3	92.64	26.26	-17.24	43.50	49.48	9.62	0.50	33.33	---	---	Peak
4	782.30	21.93	-24.07	46.00	33.74	19.66	1.20	32.67	---	---	Peak
5	876.80	23.18	-22.82	46.00	34.26	20.36	1.30	32.74	---	---	Peak
6	957.30	24.32	-21.68	46.00	34.49	20.94	1.27	32.38	---	---	Peak

- Polarization : Vertical (1GHz-25GHz)

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



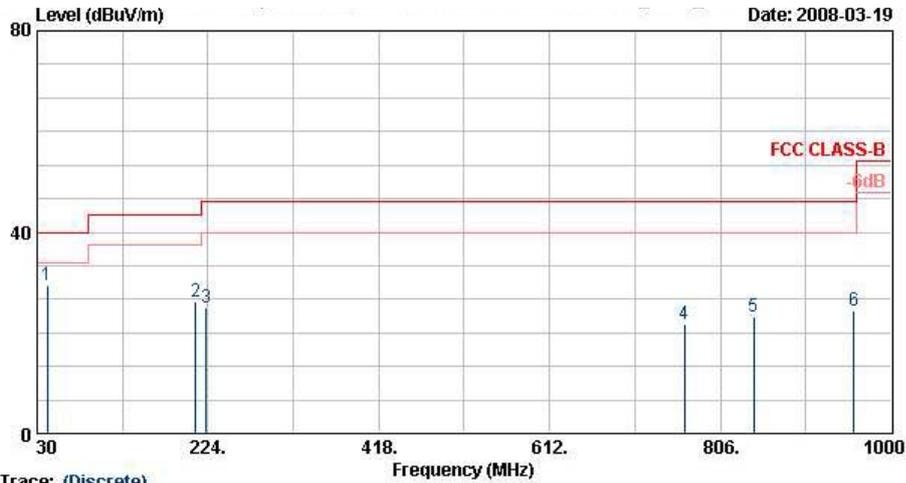
Trace: (Discrete)
 Site : D3CH06-HY
 Condition : FCC CLASS-B 3m SHF-EHF HORN VERTICAL
 EUT : GSM/EDGE(Class1)850/900/1800/1900
 : WCDMA/HSDPA850/1900/2100 PDA phone
 Power : 120Vac/60Hz
 Model : FR 830314
 Memo : BT Tx_Ch39;2441MHz + Adaptor
 Data Rate : DHS
 Plane : E2
 IMET : 353020020000148

	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	2382.00	43.64	-30.36	74.00	43.57	31.83	3.92	35.68	100	0	Peak
2	2382.00	30.77	-23.23	54.00	30.69	31.83	3.92	35.68	126	196	Average
3 X	2441.00	84.55			84.33	31.93	3.99	35.69	100	0	Peak
4 @	2441.00	74.27			74.05	31.93	3.99	35.69	126	196	Average
5	2492.00	43.26	-30.74	74.00	42.91	32.00	4.05	35.70	100	0	Peak
6	2492.00	30.94	-23.06	54.00	30.59	32.00	4.05	35.70	126	196	Average
7	4881.00	58.29	-15.71	74.00	53.97	34.15	5.82	35.65	100	0	Peak
8 !	4881.00	51.35	-2.65	54.00	47.03	34.15	5.82	35.65	100	14	Average
9	7341.00	53.32	-20.68	74.00	46.59	35.66	7.21	36.14	100	0	Peak
10	7341.00	42.15	-11.85	54.00	35.42	35.66	7.21	36.14	100	304	Average

Remark: #3 and #4 are Fundamental Signals

- Model : P560
- Test Mode : Mode 3
- Polarization : Horizontal (30MHz-1GHz)

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



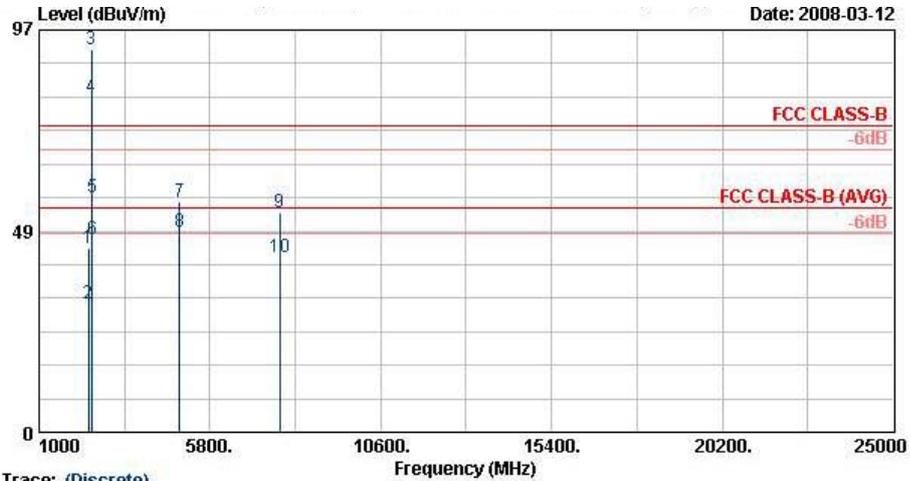
Trace: (Discrete)

Site : 03CH06-HY
 Condition : FCC CLASS-B 3m LP-ANT(951121) HORIZONTAL
 EUT : GSM/EDGE(Class10)850/900/1800/1900
 WCDMA/HSDPA850/1900/2100 PDA phone
 Power : 120Vac/60Hz
 Model : FR 830314
 Memo : BT Tx_Ch76 , 2480MHz + Adaptor
 Data Rate : DHS
 Plane : E2
 TIME1 : 353020020000146

	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	41.88	29.41	-10.59	40.00	49.76	12.51	0.30	33.16	100	293	Peak
2	210.09	26.16	-17.34	43.50	49.15	9.93	0.60	33.51	---	---	Peak
3	222.24	24.89	-21.11	46.00	47.07	10.61	0.70	33.49	---	---	Peak
4	764.80	21.80	-24.20	46.00	33.98	19.49	1.10	32.77	---	---	Peak
5	843.90	23.11	-22.89	46.00	34.44	20.13	1.20	32.66	---	---	Peak
6	957.30	24.39	-21.61	46.00	34.57	20.94	1.27	32.38	---	---	Peak

- Polarization : Horizontal (1GHz-25GHz)

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



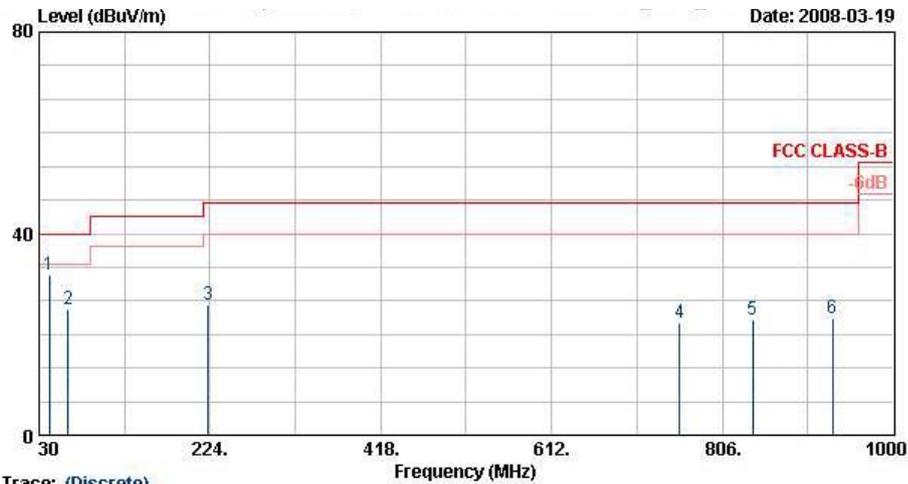
Trace: (Discrete)
 Site : 03CH06-HY
 Condition : FCC CLASS-B 3m SHF-EHF HORN HORIZONTAL
 EUT : GSM/EDGE(Class10)850/900/1800/1900
 : WCDMA/HSDPA850/1900/2100 PDA phone
 Power : 120Vac/60Hz
 Model : FR 830314
 Memo : BT Tx_Ch78 , 2480MHz + Adaptor
 Data Rate : DHS
 Plane : E2
 TIME1 : 353020020000148

	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	2388.00	44.40	-29.60	74.00	44.30	31.86	3.92	35.68	100	0	Peak
2	2388.00	30.87	-23.13	54.00	30.77	31.86	3.92	35.68	156	319	Average
3 X	2480.00	92.14			91.81	31.98	4.05	35.70	100	0	Peak
4 @	2480.00	80.79			80.46	31.98	4.05	35.70	156	319	Average
5	2483.47	56.56	-17.44	74.00	56.23	31.98	4.05	35.70	100	0	Peak
6	2483.47	46.45	-7.55	54.00	46.12	31.98	4.05	35.70	156	319	Average
7	4956.00	55.67	-18.33	74.00	51.24	34.19	5.87	35.62	100	0	Peak
8 !	4956.00	48.15	-5.85	54.00	43.72	34.19	5.87	35.62	100	302	Average
9	7752.00	52.96	-21.04	74.00	46.17	35.65	7.39	36.25	100	0	Peak
10	7752.00	42.08	-11.92	54.00	35.29	35.65	7.39	36.25	100	208	Average

Remark: #3 and #4 are Fundamental Signals

- Polarization : Vertical (30MHz-1GHz)

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



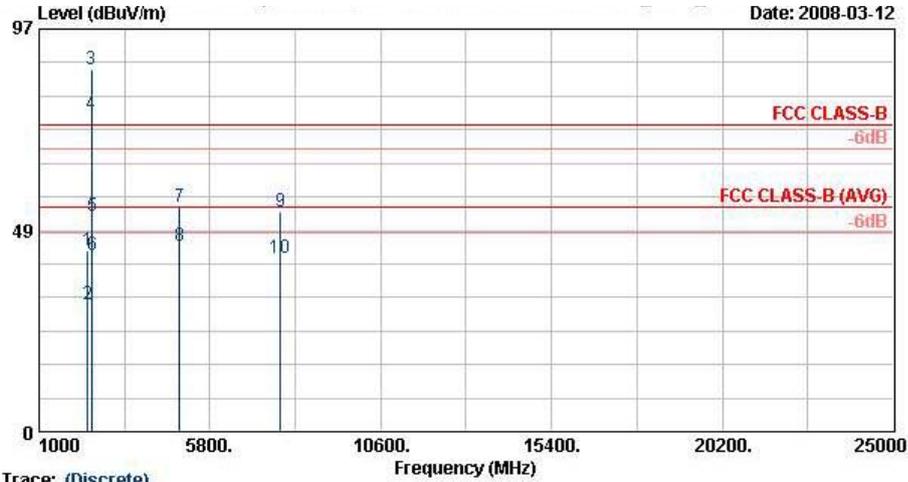
Trace: (Discrete)

Site : 03CH06-HV
 Condition : FCC CLASS-B 3m LF-ANT(951121) VERTICAL
 EUT : GSM/EDGE(Class10)850/900/1800/1900
 WCDMA/HSDPA850/1900/2100 PDA phone
 Power : 120Vac/60Hz
 Model : FR 830314
 Memo : BT Tx_Ch76 , 2480MHz + Adaptor
 Data Rate : DH5
 Plane : E2
 TIME1 : 353020020000148

	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	41.34	31.97	-8.03	40.00	52.32	12.51	0.30	33.16	100	247	Peak
2	62.94	25.08	-14.92	40.00	51.47	6.70	0.40	33.49	---	---	Peak
3	222.24	25.74	-20.26	46.00	47.92	10.61	0.70	33.49	---	---	Peak
4	757.80	22.25	-23.75	46.00	34.55	19.42	1.10	32.82	---	---	Peak
5	840.40	22.96	-23.04	46.00	34.31	20.10	1.20	32.66	---	---	Peak
6	931.40	23.33	-22.67	46.00	33.96	20.75	1.20	32.57	---	---	Peak

- Polarization : Vertical (1GHz-25GHz)

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



Trace: (Discrete)

Site : 03CH06-HY
 Condition : FCC CLASS-B 3m SHF-EHF HORN VERTICAL
 EUT : GSM/EDGE(Class10)850/900/1800/1900
 WCDMA/HSDPA850/1900/2100 PDA phone
 Power : 120Vac/60Hz
 Model : FR 830314
 Memo : BT Tx_Ch76 , 2480MHz + Adaptor
 Data Rate : DHS
 Plane : E2
 TIME1 : 353020020000148

	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	Ant	Table	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	cm	deg	
1	2366.00	43.53	-30.47	74.00	43.51	31.81	3.89	35.68	100	0 Peak
2	2366.00	30.72	-23.28	54.00	30.70	31.81	3.89	35.68	198	194 Average
3 X	2480.00	87.27			86.94	31.98	4.05	35.70	100	0 Peak
4 @	2480.00	76.58			76.25	31.98	4.05	35.70	198	194 Average
5	2483.47	51.80	-22.20	74.00	51.47	31.98	4.05	35.70	100	0 Peak
6	2483.47	42.60	-11.40	54.00	42.27	31.98	4.05	35.70	198	194 Average
7	4956.00	54.00	-20.00	74.00	49.57	34.19	5.87	35.62	100	0 Peak
8	4956.00	44.77	-9.23	54.00	40.34	34.19	5.87	35.62	100	14 Average
9	7776.00	53.13	-20.87	74.00	46.33	35.66	7.40	36.26	100	0 Peak
10	7776.00	41.98	-12.02	54.00	35.18	35.66	7.40	36.26	100	193 Average

Remark: #3 and #4 are Fundamental Signals

5.10 Antenna Requirements

5.10.1 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.

5.10.2 Antenna Connected Construction

The antenna used in this product is 錯誤! 找不到參照來源。 for Bluetooth and it is considered to meet antenna requirement of FCC.

5.10.3 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
Thermal Chamber	Tenyi technology	TTH-D35P	TBN-930701	N/A	Aug. 02, 2007	Aug. 01, 2008	Conduction (TH02-HY)
Spectrum	R&S	FSP40	100055	9KHz~40GHz	Jun. 25, 2007	Jun. 24, 2008	Conduction (TH02-HY)
Bluetooth Test	ANRITSU	MT8852A	6K00003939	N/A	N/A	N/A	Conduction (TH02-HY)
Power Divider	ARRA	5200-1	3871	N/A	Oct. 01, 2007	Sep. 30, 2008	Conduction (TH02-HY)
DC Power Supply	TOPWARD	3303D	740889	N/A	May 25, 2007	May 24, 2009	Conduction (TH02-HY)
Power Meter	Agilent	E4416A	GB41292344	N/A	Feb. 21, 2008	Feb. 20, 2009	Conduction (TH02-HY)
Power Sensor	Agilent	E9327A	US40441548	N/A	Feb. 21, 2008	Feb. 20, 2009	Conduction (TH02-HY)
Thermal Chamber	Tenyi technology	TTH-D35P	TBN-930701	N/A	Aug. 02, 2007	Aug. 01, 2008	Conduction (TH02-HY)
Spectrum	R&S	FSP40	100055	9KHz~40GHz	Jun. 25, 2007	Jun. 24, 2008	Conduction (TH02-HY)
Bluetooth Test	ANRITSU	MT8852A	6K00003939	N/A	N/A	N/A	Conduction (TH02-HY)
EMC Receiver	R&S	ESCS 30	100174	9kHz – 2.75GHz	Mar. 03, 2008	Mar. 02, 2009	Conduction (CO04-HY)
LISN	MessTec	NNB-2/16Z	99079	9kHz – 30MHz	Mar. 31, 2008	Mar. 30, 2009	Conduction (CO04-HY)
LISN (Support Unit)	EMCO	3810/2NM	9703-1839	9kHz – 30MHz	Mar. 22, 2008	Mar. 21, 2009	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. 27, 2008	Mar. 26, 2009	Conduction (CO04-HY)
EMI Filter	LINDGREN	LRE-2030	2651	< 450 Hz	N/A	N/A	Conduction (CO04-HY)
Spectrum Analyzer	Agilent	E4408B	MY44211028	9KHz-26.5GHz	Oct. 17, 2007	Oct. 16, 2008	Radiation (03CH06-HY)
EMI Test Receiver	R&S	ESCS30	100356	9KHz-2.75GHz	Jul. 26, 2007	Jul. 25, 2008	Radiation (03CH06-HY)
Bilog Antenna	SCHAFFNER	CBL6112B	2885	30MHz -2GHz	Dec. 01, 2007	Nov. 30, 2008	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	9170-251	14G - 40G	Oct. 17, 2007	Oct. 16, 2008	Radiation (03CH06-HY)
Pre Amplifier	Agilent	8449B	3008A01917	1G - 26.5G	Nov. 22, 2007	Nov. 21, 2008	Radiation (03CH06-HY)
Pre Amplifier	EMEC	PA303	PA303-SMA-059	100K~3GHz	Nov. 26, 2007	Nov. 25, 2008	Radiation (03CH06-HY)
Base Station Simulator	R & S	CMU200	103937	Third-Band	Oct. 19, 2007	Oct. 18, 2008	Radiation (03CH06-HY)

7. Uncertainty Evaluation

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

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

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

Contribution	Uncertainty of x_i		$u(x_i)$
	dB	Probability Distribution	
Receiver reading	0.11	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 (1 GHz ~ 40 GHz)

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				

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