

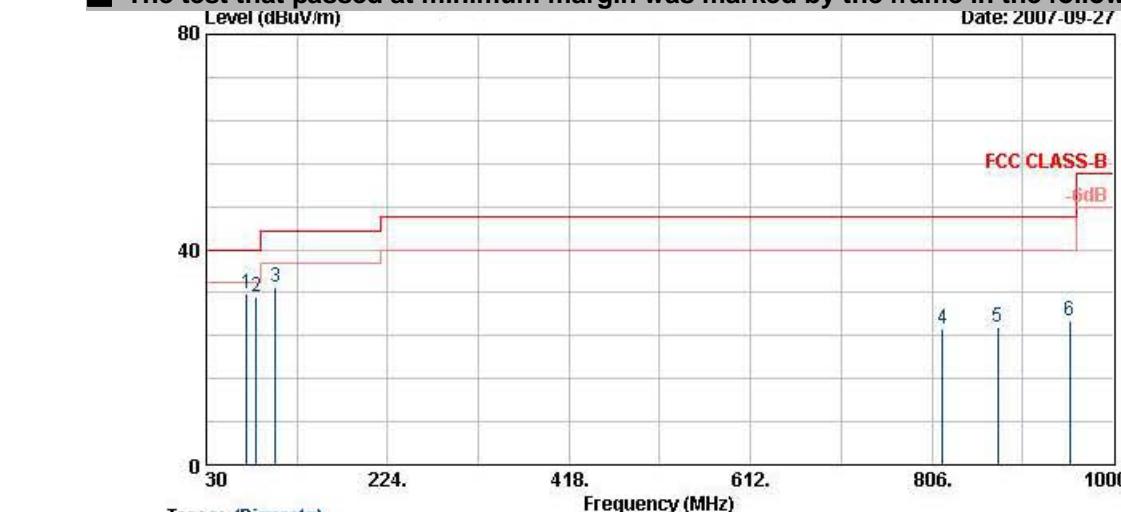
Site : 03CH06-HY
 Condition : SHF-EHF HORN HORIZONTAL
 EUT : GSM/EDGE 850/900/1800/1900 WCDMA
 /HSDPA 850/1900/2100 FDD Phone
 Power : 120Vac/60Hz
 Model : FR 761327-04
 Memo : 11b Tx_Ch06_2437MHz
 Data Rate : 1
 Plane : E1

	Freq	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
			MHz	dBuV/m	dB	dBuV/m	dB	dB	cm	deg	
1	2384.0	50.01	-23.99	74.00	51.45	30.25	3.75	35.44	100	0	Peak
2	2384.0	39.17	-14.83	54.00	40.61	30.25	3.75	35.44	122	51	Average
3 @	2437.0	98.17			99.55	30.28	3.82	35.47	122	51	Average
4 @	2437.0	101.35			102.73	30.28	3.82	35.47	100	0	Peak
5	2498.0	51.65	-22.35	74.00	52.99	30.30	3.88	35.53	100	0	Peak
6	2498.0	39.72	-14.28	54.00	41.07	30.30	3.88	35.53	122	51	Average
7	7407.0	56.26	-17.74	74.00	45.90	38.71	7.67	36.02	100	0	Peak
8	7407.0	43.86	-10.14	54.00	33.50	38.71	7.67	36.02	100	211	Average

Remark: #3 and #4 Fundamental Signal

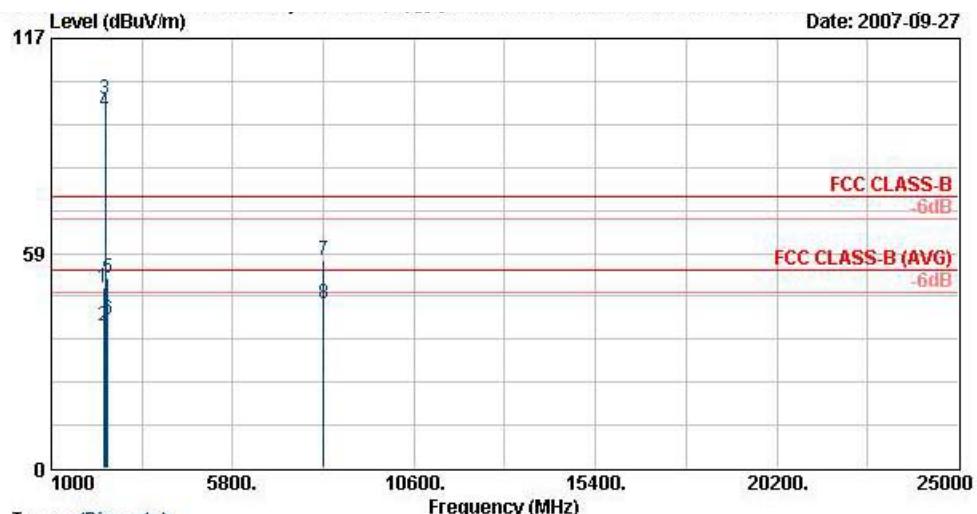


Polarization : Vertical

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

Site : 03CH06-HY
 Condition : LF-ANT(95112) VERTICAL
 EUT : GSM/EDGE 850/900/1800/1900 WCDMA
 /HSDPNA 850/1900/2100 PDA Phone
 Power : 120Vac/60Hz
 Model : FR 761327-04
 Memo : 11b Tx_Ch06:2437MHz
 Data Rate : 1
 Plane : E1

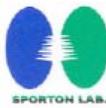
	Freq	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
			MHz	dBuV/m	dB	dBuV/m	dB	dB	cm	deg	
1	72.9	31.90	-8.10	40.00	55.07	7.06	0.93	31.16	100	332	Peak
2	83.2	31.08	-8.92	40.00	53.21	7.97	0.99	31.10	---	---	Peak
3	104.0	33.12	-10.38	43.50	51.85	11.29	1.08	31.11	---	---	Peak
4	817.3	25.15	-20.85	46.00	32.20	19.94	3.48	30.47	---	---	Peak
5	876.8	25.43	-20.57	46.00	31.74	20.36	3.72	30.40	---	---	Peak
6	953.8	26.69	-19.31	46.00	32.14	20.91	3.93	30.28	---	---	Peak



Site : 08CH06-HY
 Condition : SHF-EHF HORN VERTICAL
 EUT : GSM/EDGE 850/900/1800/1900 WCDMA /HSUPA 850/1900/2100 PDA Phone
 Power : 120Vac/60Hz
 Model : FR 761327-04
 Memo : 11b Tx_Ch06:2437MHz
 Data Rate : 1
 Plane : E1

	Freq	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
			MHz	dBuV/m	dB	dBuV/m	dB	dB	cm	deg	
1	2384.0	49.13	-24.87	74.00	50.57	30.25	3.75	35.44	100	0	Peak
2	2384.0	38.50	-15.50	54.00	39.94	30.25	3.75	35.44	100	99	Average
3 @	2437.0	100.48			101.86	30.28	3.82	35.47	100	0	Peak
4 @	2437.0	97.02			98.40	30.28	3.82	35.47	100	99	Average
5	2484.0	51.83	-22.17	74.00	53.19	30.29	3.86	35.51	100	0	Peak
6	2484.0	40.25	-13.75	54.00	41.61	30.29	3.86	35.51	100	99	Average
7	8196.0	56.61	-17.39	74.00	45.10	39.45	8.02	35.96	100	0	Peak
8	8196.0	44.91	-9.09	54.00	33.40	39.45	8.02	35.96	100	302	Average

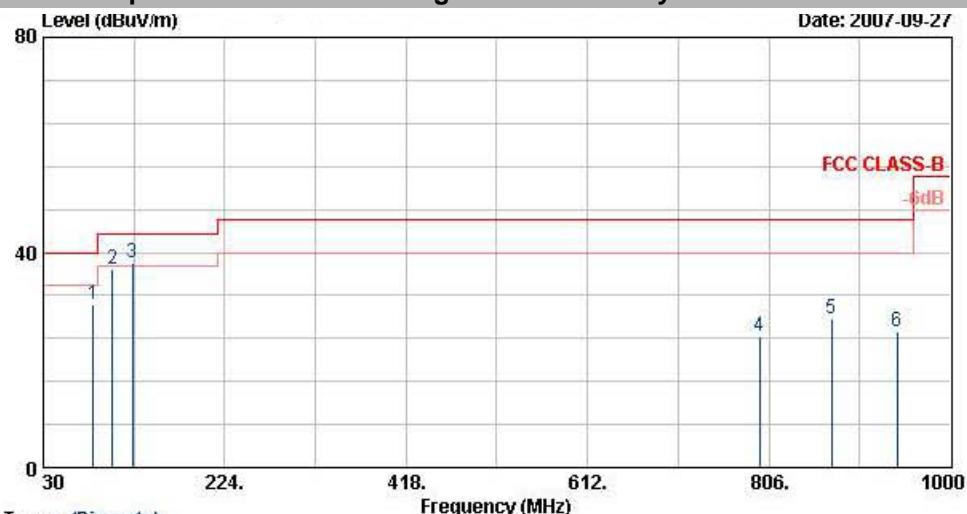
Remark: #3 and #4 Fundamental Signal



Test Mode : Mode 3

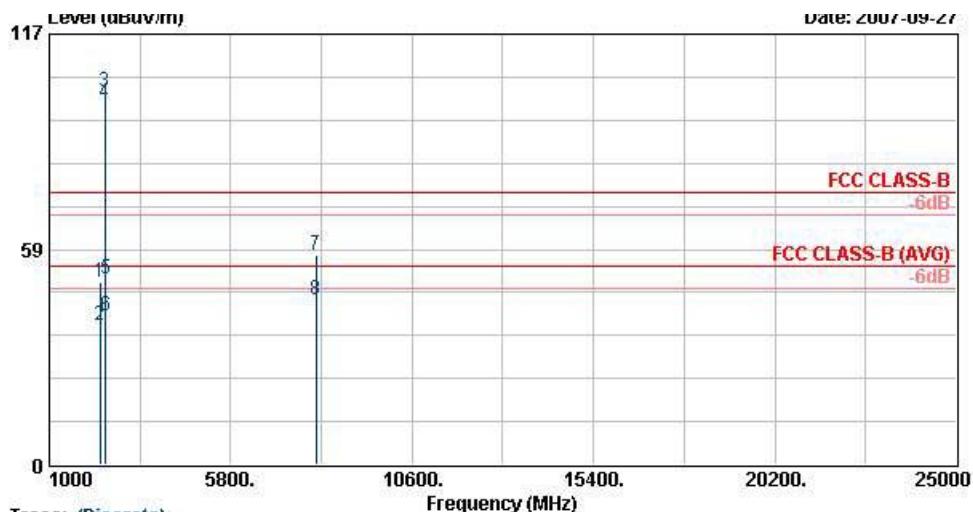
Polarization : Horizontal

■ 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 : GSM/EDGE 850/900/1800/1900 WCDMA
 /HSDPA 850/1900/2100 PDA Phone
 Power : 120VAC/60Hz
 Model : FR_761327-04
 Memo : 11b_Tx_Ch11:2462MHz
 Data Rate : 1
 Plane : E1

	Freq	Level	Over Limit	Limit Line	Read	Antenna Level	Cable Factor	Preamp Loss	Ant Pos	Table Pos	Table Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	83.2	30.46	-9.54	40.00	52.59	7.97	0.99	31.10	---	---	Peak
2	104.0	36.84	-6.66	43.50	55.57	11.29	1.08	31.11	---	---	Peak
3 @	125.0	37.96	-5.54	43.50	55.18	12.66	1.21	31.09	100	285	Peak
4	796.3	24.47	-21.53	46.00	31.77	19.78	3.40	30.49	---	---	Peak
5	873.3	27.63	-18.37	46.00	33.99	20.34	3.71	30.40	---	---	Peak
6	943.3	25.28	-20.72	46.00	30.82	20.84	3.91	30.29	---	---	Peak



Trace: (Discrete)

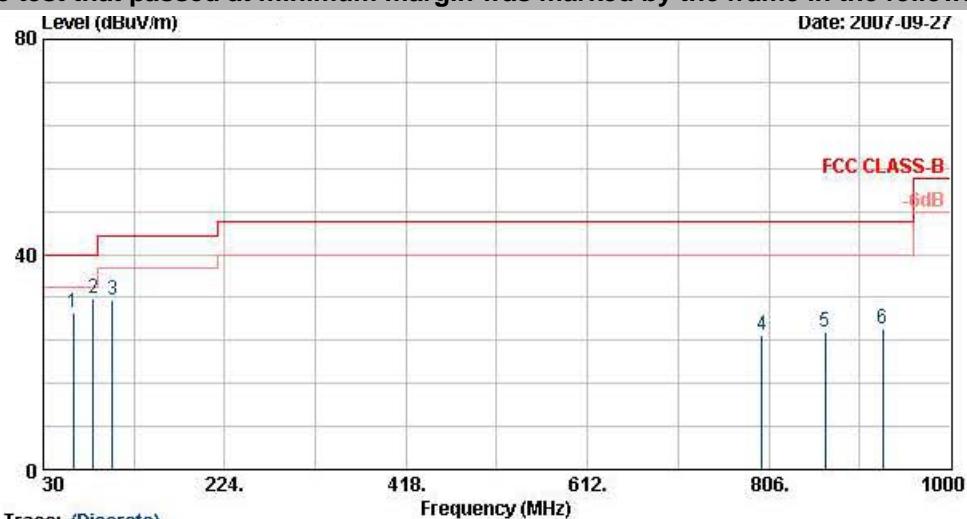
Site : 03CH06-HY
 Condition : SHF-EHF HORN HORIZONTAL
 EUT : GSM/EDGE 850/900/1800/1900 WCDMA
 : HSDPA 850/1900/2100 PDA Phone
 Power : 120Vac/60Hz
 Model : FR 761327-04
 Memo : 11b Tx_Ch1:2462MHz
 Data Rate : 1
 Plane : E1

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Table Remark
	MHz	dBuV/m	dB	dBuV/m	dB	dB/m	dB	dB	cm	deg	
1	2354.0	49.42	-24.58	74.00	50.89	30.24	3.71	35.42	100	0	Peak
2	2354.0	37.94	-16.06	54.00	39.41	30.24	3.71	35.42	126	62	Average
3 @	2462.0	101.15			102.52	30.29	3.84	35.49	100	0	Peak
4 @	2462.0	98.25			99.62	30.29	3.84	35.49	126	62	Average
5	2487.5	50.41	-23.59	74.00	51.77	30.29	3.86	35.51	100	0	Peak
6	2487.5	40.31	-13.69	54.00	41.67	30.29	3.86	35.51	126	62	Average
7	8061.0	56.95	-17.05	74.00	45.41	39.56	7.87	35.89	100	0	Peak
8	8061.0	44.94	-9.06	54.00	33.40	39.56	7.87	35.89	100	236	Average

Remark: #3 and #4 Fundamental Signal

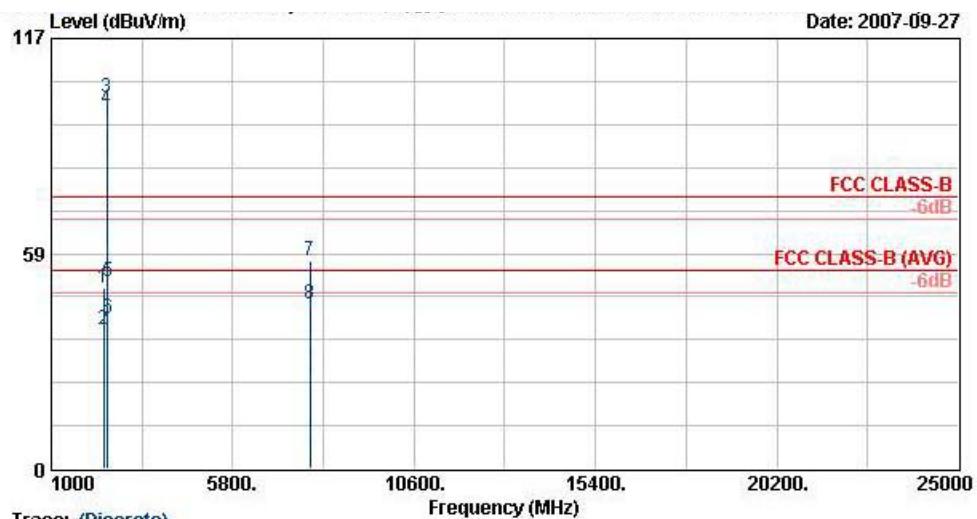


Polarization : Vertical

■ The test that passed at minimum margin was marked by the frame in the following table.**Trace: (Discrete)**

Site : 03CH06-HY
 Condition : LF-ANT051121 VERTICAL
 EUT : GSM/EDGE 850/900/1800/1900 WCDMA
 : HSDPA 850/1900/2100 PDA Phone
 Power : 120Vac/60Hz
 Model : FR 761327-04
 Memo : 11b Tx_Ch1:2462MHz
 Data Rate : 1
 Plane : E1

	Freq	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
			Line	Limit	Level	Factor	Cable	Preamp	Ant	Pos	
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	62.1	29.29	-10.71	40.00	52.95	6.67	0.87	31.20	---	---	Peak
2	83.2	31.82	-8.18	40.00	53.95	7.97	0.99	31.10	100	269	Peak
3	104.0	31.46	-12.04	43.50	50.19	11.29	1.08	31.11	---	---	Peak
4	798.4	24.89	-21.11	46.00	32.18	19.80	3.41	30.49	---	---	Peak
5	866.3	25.61	-20.39	46.00	32.05	20.29	3.68	30.41	---	---	Peak
6	927.9	26.29	-19.71	46.00	32.00	20.73	3.88	30.32	---	---	Peak



Site : 03CH06-HY
 Condition : SHF-EHF HORN VERTICAL
 EUT : GSM/EDGE 850/900/1800/1900 WCDMA
 /HSUPA 850/1900/2100 PDA Phone
 Power : 120Vac/60Hz
 Model : FR 761327-04
 Memo : 11b Tx_Ch11:2462MHz
 Data Rate : 1
 Plane : E1

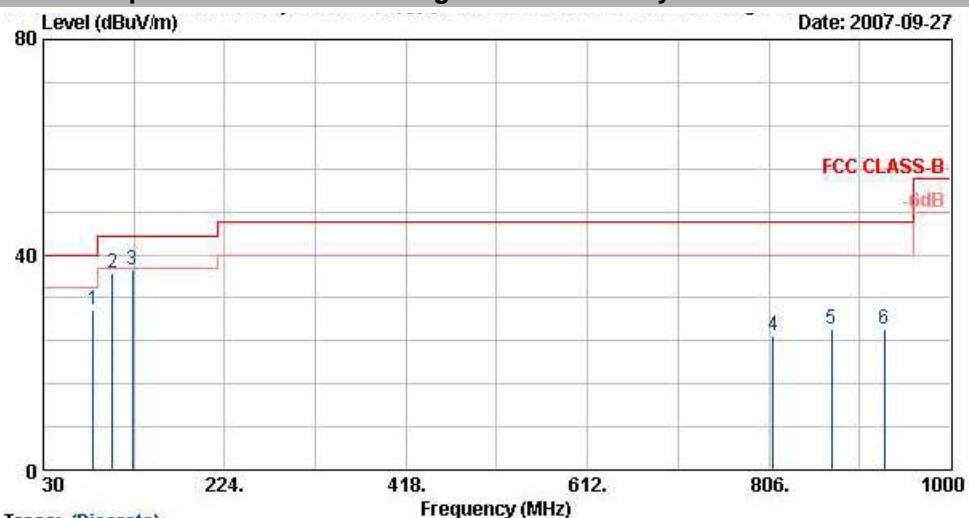
	Freq	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table			
			MHz	dBuV/m	dB	dBuV/m	Line	Level	Factor	Loss	Factor	Pos	Pos
1	2388.0	49.04	-24.96	74.00	50.47	30.26	3.75	35.44	100	0	Peak		
2	2388.0	37.89	-16.11	54.00	39.32	30.26	3.75	35.44	100	81	Average		
3 @	2462.0	100.91			102.28	30.29	3.84	35.49	100	0	Peak		
4 @	2462.0	97.84			99.21	30.29	3.84	35.49	100	81	Average		
5	2484.6	50.74	-23.26	74.00	52.10	30.29	3.86	35.51	100	0	Peak		
6	2484.6	40.96	-13.04	54.00	42.32	30.29	3.86	35.51	100	81	Average		
7	7842.0	56.73	-17.27	74.00	45.54	39.37	7.73	35.91	100	0	Peak		
8	7842.0	44.79	-9.21	54.00	33.60	39.37	7.73	35.91	100	298	Average		

Remark: #3 and #4 Fundamental Signal



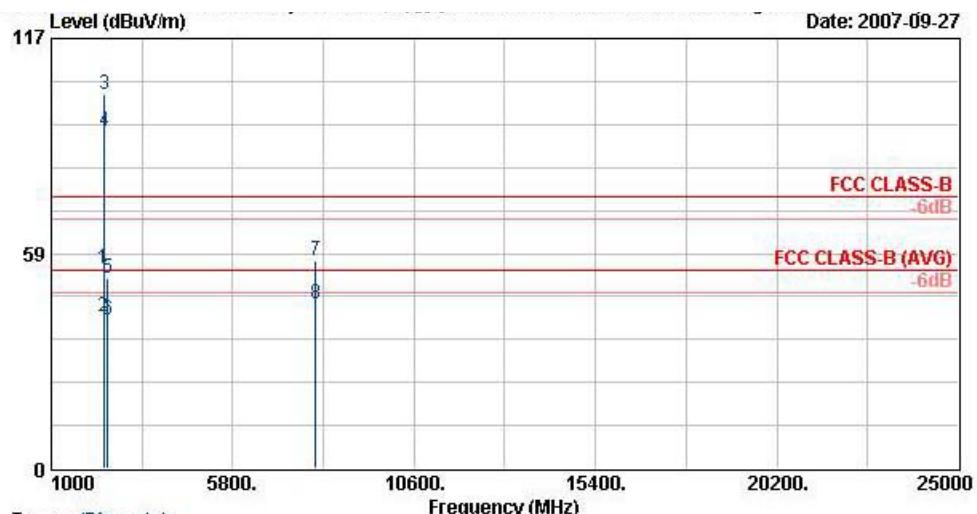
Test Mode : Mode 4
 Polarization : Horizontal

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



Site : 08CH06-HY
 Condition : LF-ANT951121 HORIZONTAL
 EUT : GSM/EDGE 850/900/1800/1900 WCDMA
 /HSUPA 850/1900/2100 FDD Phone
 Power : 120Vao/60Hz
 Model : FR 761327-04
 Memo : 11g Tx_CH01,2412MHz
 Data Rate : 9
 Plane : E1

	Trace: (Discrete)										
	Site Condition EUT	Power Model Memo Data Rate Plane	Over Limit			Read		Ant Table			
			Freq	Level	Limit	Antenna	Line	Cable	Preamp	Pos	Pos
			MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	cm	deg
1			83.2	29.59	-10.41	40.00	51.72	7.97	0.99	31.10	---
2			104.0	36.43	-7.07	43.50	55.17	11.29	1.08	31.11	---
3 @			125.0	37.32	-6.18	43.50	54.54	12.66	1.21	31.09	100
4			810.3	24.92	-21.08	46.00	32.06	19.89	3.45	30.48	---
5			873.3	26.19	-19.81	46.00	32.54	20.34	3.71	30.40	---
6			929.3	26.07	-19.93	46.00	31.77	20.74	3.88	30.32	---



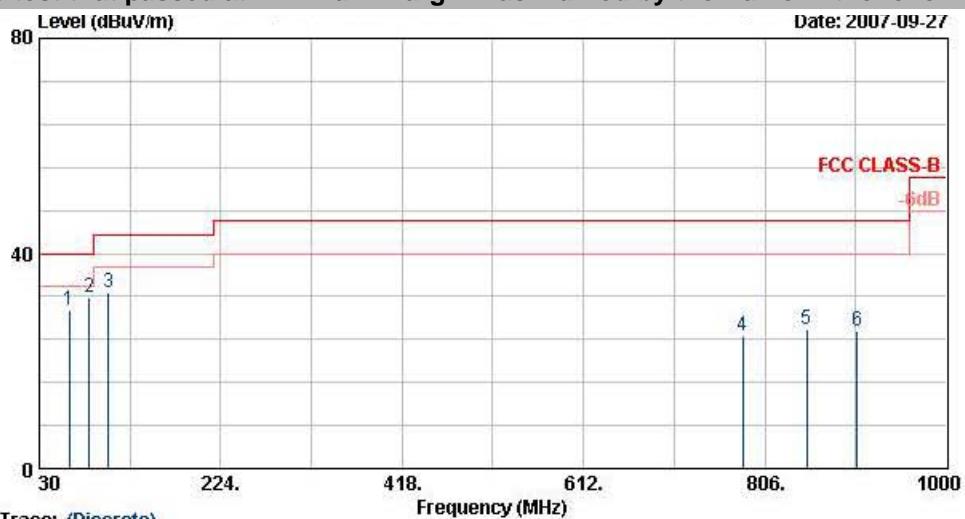
Site : 03CH06-HY
 Condition : SHF-EHF HORN HORIZONTAL
 EUT : GSM/EDGE 850/900/1800/1900 WCDMA /HSUPA 850/1900/2100 PDA Phone
 Power : 120Vac/60Hz
 Model : FR 761327-04
 Memo : 11g Tx_Ch01,2412MHz
 Data Rate : 9
 Plane : E1

	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	54.42	-19.58	74.00	55.87	30.26	3.75	35.46	100	0	Peak
2	2390.0	41.21	-12.79	54.00	42.66	30.26	3.75	35.46	100	82	Average
3 @	2412.0	101.62			103.04	30.27	3.77	35.46	100	0	Peak
4 @	2412.0	91.80			93.22	30.27	3.77	35.46	100	82	Average
5	2494.0	51.63	-22.37	74.00	52.98	30.30	3.88	35.53	100	0	Peak
6	2494.0	40.24	-13.76	54.00	41.59	30.30	3.88	35.53	100	82	Average
7	7992.0	56.56	-17.44	74.00	45.04	39.58	7.79	35.85	100	0	Peak
8	7992.0	44.92	-9.08	54.00	33.40	39.58	7.79	35.85	100	285	Average

Remark: #3 and #4 Fundamental Signal

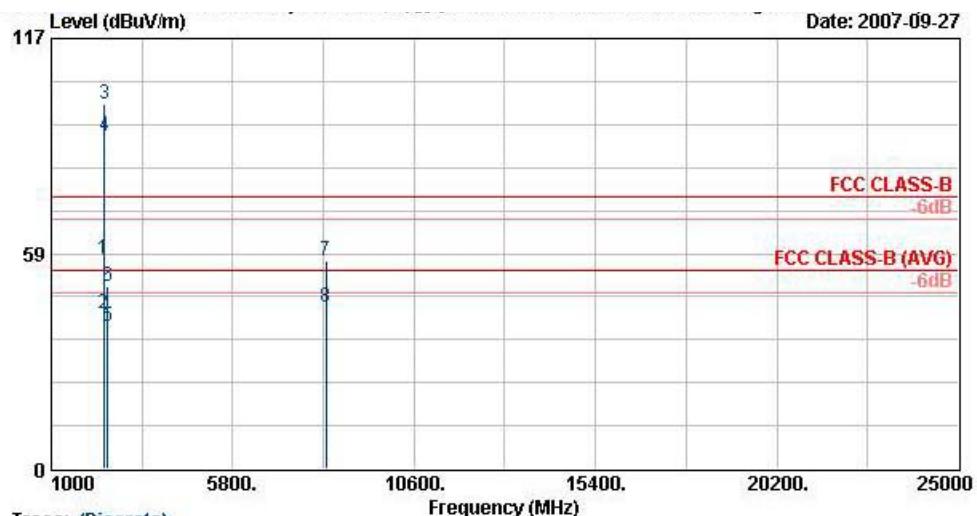


Polarization : Vertical

■ The test that passed at minimum margin was marked by the frame in the following table.**Trace: (Discrete)**

Site : 08CH06-HY
Condition : LF-ANT095112D VERTICAL
EUT : GSM/EDGE 850/900/1800/1900 WCDMA
/HSDPA 850/1900/2100 PDA Phone
Power : 120Vac/60Hz
Model : FR 761327-04
Memo : 11g Tx_Ch01,2412MHz
Data Rate : 9
Plane : E1

	Freq	Over Level	Limit	Limit	Read	Antenna Level	Cable Factor	Preamp	Ant Pos	Table Pos	Table Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	62.1	29.30	-10.70	40.00	52.95	6.67	0.87	31.20	---	---	Peak
2	83.2	31.88	-8.12	40.00	54.01	7.97	0.99	31.10	100	299	Peak
3	104.0	32.85	-10.65	43.50	51.59	11.29	1.08	31.11	---	---	Peak
4	782.3	24.69	-21.31	46.00	32.16	19.66	3.38	30.50	---	---	Peak
5	850.9	25.74	-20.26	46.00	32.37	20.18	3.62	30.43	---	---	Peak
6	904.8	25.70	-20.30	46.00	31.67	20.56	3.83	30.36	---	---	Peak



Site : 03CH06-HY
 Condition : SHF-EHF HORN VERTICAL
 EUT : GSM/EDGE 850/900/1800/1900 WCDMA /HSDPA 850/1900/2100 PDA Phone
 Power : 120Vac/60Hz
 Model : FR 761327-04
 Memo : 11g Tx_Ch01,2412MHz
 Data Rate : 9
 Plane : E1

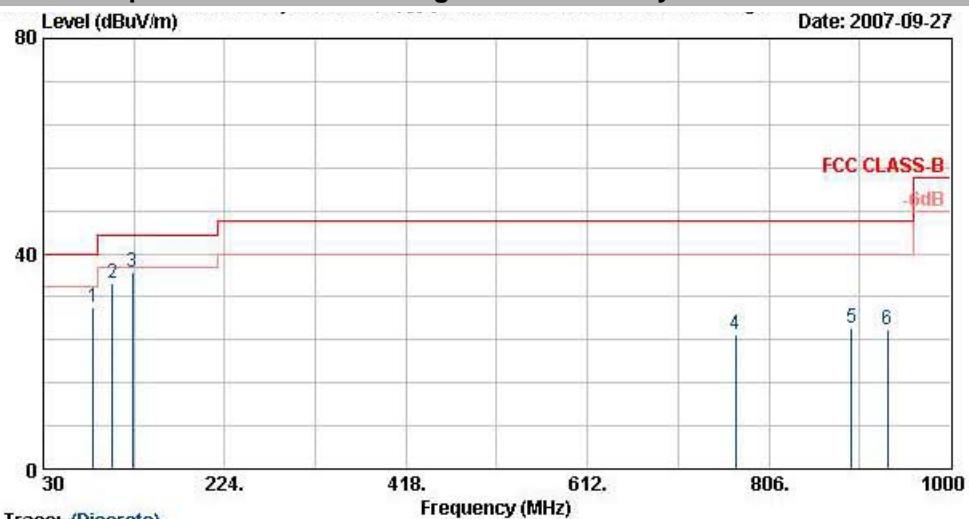
	Freq	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
			MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	cm	
1	2390.0	57.06	-16.94	74.00	58.51	30.26	3.75	35.46	100	0	Peak
2	2390.0	42.40	-11.60	54.00	43.85	30.26	3.75	35.46	127	300	Average
3 @	2412.0	99.10			100.52	30.27	3.77	35.46	100	0	Peak
4 @	2412.0	90.50			91.92	30.27	3.77	35.46	127	300	Average
5	2488.0	38.77	-15.23	54.00	40.12	30.30	3.86	35.51	127	300	Average
6	2488.0	49.45	-24.55	74.00	50.80	30.30	3.86	35.51	100	0	Peak
7	8262.0	56.36	-17.64	74.00	44.88	39.39	8.08	36.00	100	0	Peak
8	8262.0	44.08	-9.92	54.00	32.60	39.39	8.08	36.00	100	266	Average

Remark: #3 and #4 Fundamental Signal



Test Mode : Mode 5
Polarization : Horizontal

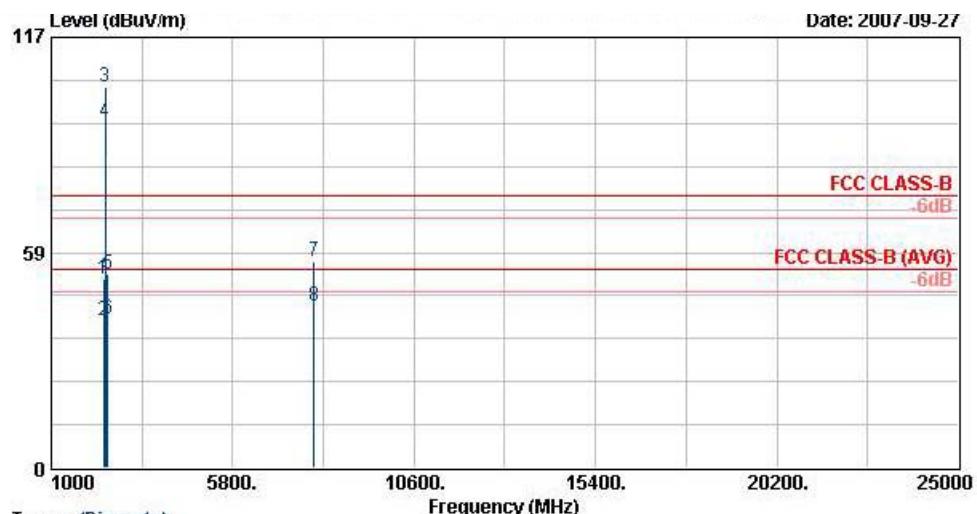
The test that passed at minimum margin was marked by the frame in the following table.



Trace: (Discrete)

Site	03CH06-HY
Condition	LF-ANT951121) HORIZONTAL
EUT	GSM/EDGE 850/900/1800/1900 WCDMA /HSDPA 850/1900/2100 PDA Phone
Power	120Vac/40Hz
Model	FR_761327-04
Memo	11g Tx_Ch06,2437MHz
Data Rate	9
Plane	E1

		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	83.2	30.04	-9.96	40.00	52.17	7.97	0.99	31.10	---
2	104.0	34.49	-9.01	43.50	53.22	11.29	1.08	31.11	---
3 @	125.0	36.63	-6.87	43.50	53.85	12.66	1.21	31.09	100
4	770.4	25.06	-20.94	46.00	32.67	19.54	3.36	30.51	---
5	894.3	26.14	-19.86	46.00	32.23	20.49	3.80	30.38	---
6	932.8	25.97	-20.03	46.00	31.63	20.76	3.89	30.31	---



Trace: (Discrete)

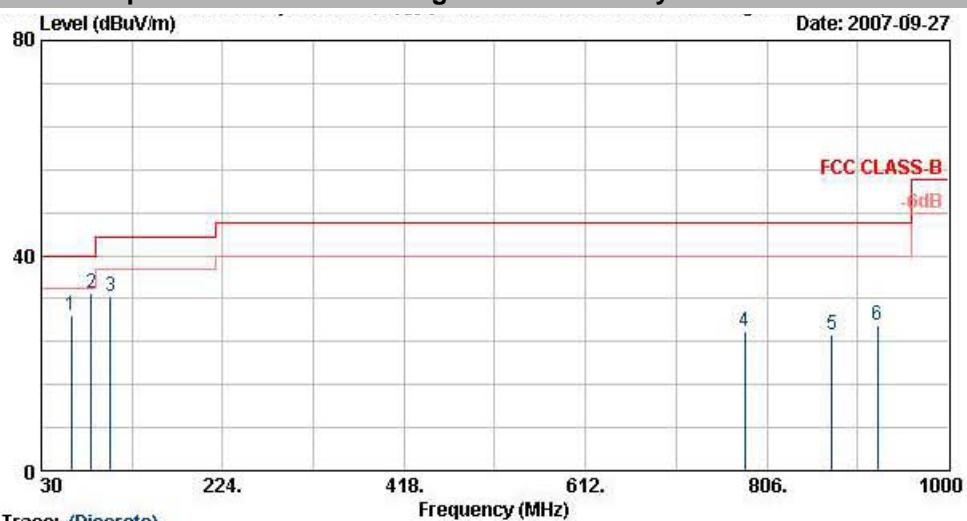
Site : 08CH06-HY
 Condition : SHF-EHF HORN HORIZONTAL
 EUT : GSM/EDGE 850/900/1800/1900 WCDMA
 /HSDPA 850/1900/2100 FDD Phone
 Power : 120Vac/60Hz
 Model : FR 761327-04
 Memo : 11g Tx_Ch06:2437MHz
 Data Rate : 9
 Plane : E1

	Freq	Over Level	Limit	Read Line	Antenna Level	Cable Factor	Preamp	Ant Pos	Table Pos	Table Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	cm	deg	
1	2384.0	51.33	-22.67	74.00	52.77	30.25	3.75	35.44	100	0 Peak
2	2384.0	39.81	-14.19	54.00	41.25	30.25	3.75	35.44	121	51 Average
3 @	2437.0	103.49			104.89	30.28	3.82	35.49	100	0 Peak
4 @	2437.0	94.00			95.38	30.28	3.82	35.47	121	51 Average
5	2484.0	52.45	-21.55	74.00	53.81	30.29	3.86	35.51	100	0 Peak
6	2484.0	40.49	-13.51	54.00	41.85	30.29	3.86	35.51	121	51 Average
7	7956.0	56.21	-17.79	74.00	44.76	39.53	7.78	35.86	100	0 Peak
8	7956.0	43.85	-10.15	54.00	32.40	39.53	7.78	35.86	100	236 Average

Remark: #3 and #4 Fundamental Signal

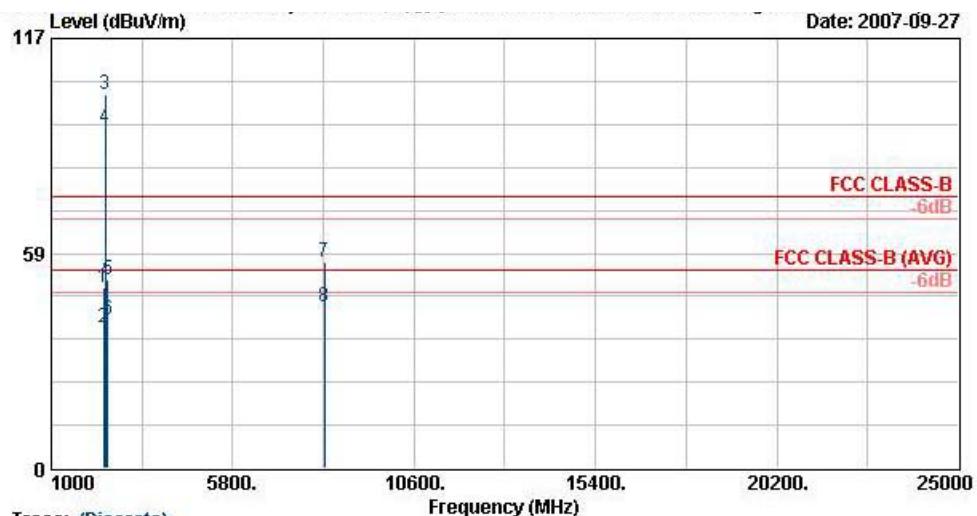


Polarization : Vertical

■ The test that passed at minimum margin was marked by the frame in the following table.**Trace: (Discrete)**

Site : 08CH06-HY
 Condition : LF-ANT0951121 VERTICAL
 EUT : GSM/EDGE 850/900/1800/1900 WCDMA
 /HSDPA 850/1900/2100 PDA Phone
 Power : 120Vac/60Hz
 Model : FR_761327-04
 Memo : 11g Tx_Ch06,2437MHz
 Data Rate : 9
 Plane : E1

	Freq	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
			MHz	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	
1	62.1	28.85	-11.15	40.00	52.51	6.67	0.87	31.20	---	---	Peak
2	83.2	33.12	-6.88	40.00	55.25	7.97	0.99	31.10	100	306	Peak
3	104.0	32.51	-10.99	43.50	51.25	11.29	1.08	31.11	---	---	Peak
4	782.3	25.78	-20.22	46.00	33.25	19.66	3.38	30.50	---	---	Peak
5	875.4	25.38	-20.62	46.00	31.70	20.36	3.72	30.40	---	---	Peak
6	924.4	27.01	-18.99	46.00	32.76	20.70	3.87	30.33	---	---	Peak



Site : 08CH06-HY
 Condition : SHF-EHF HORN VERTICAL
 EUT : GSM/EDGE 850/900/1800/1900 WCDMA /HSUPA 850/1900/2100 PDA Phone
 Power : 120Vac/60Hz
 Model : FR 761327-04
 Memo : 11g Tx_Ch06:2437MHz
 Data Rate : 9
 Plane : E1

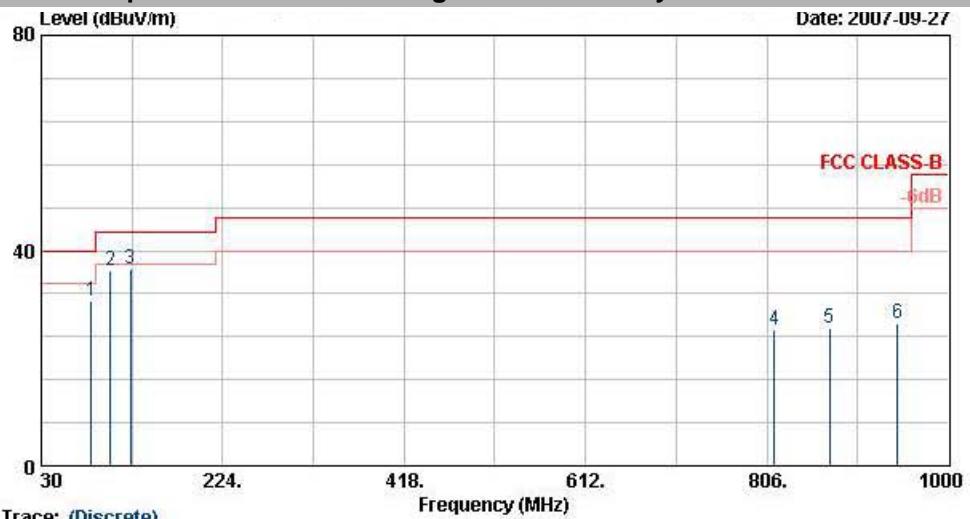
	Freq	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
			MHz	dBuV/m	dB	dBuV/m	Level	Factor	Loss	Pos	
1	2388.0	49.11	-24.89	74.00	50.54	30.26	3.75	35.44	100	0	Peak
2	2388.0	38.42	-15.58	54.00	39.85	30.26	3.75	35.44	100	82	Average
3 @	2437.0	101.58			102.97	30.28	3.82	35.49	100	0	Peak
4 @	2437.0	92.51			93.89	30.28	3.82	35.47	100	82	Average
5	2498.0	51.25	-22.75	74.00	52.60	30.30	3.88	35.53	100	0	Peak
6	2498.0	40.25	-13.75	54.00	41.60	30.30	3.88	35.53	100	82	Average
7	8226.0	56.30	-17.70	74.00	44.81	39.42	8.04	35.97	100	0	Peak
8	8226.0	44.09	-9.91	54.00	32.60	39.42	8.04	35.97	100	252	Average

Remark: #3 and #4 Fundamental Signal



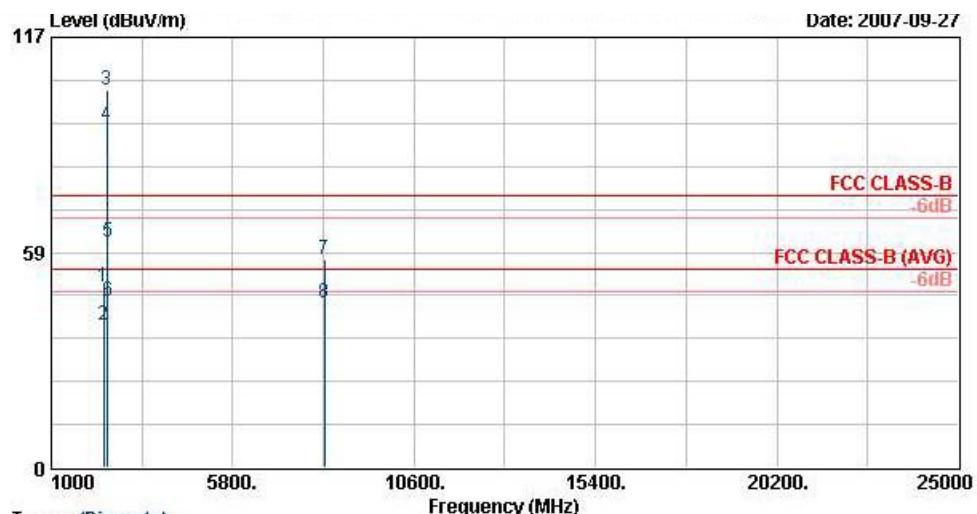
Test Mode : Mode 6

Polarization : Horizontal

■ The test that passed at minimum margin was marked by the frame in the following table.**Trace: (Discrete)**

Site : 08CH06-HY
 Condition : LF-ANT0951121 HORIZONTAL
 EUT : GSM/EDGE 850/900/1800/1900 WCDMA
 /HSDPA 850/1900/2100 PDA Phone
 Power : 120Vac/60Hz
 Model : FR 761327-04
 Memo : 11g Tx_Ch11,2462MHz
 Data Rate : 9
 Plane : E1

	Freq	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	
			Line	Limit	Level	Factor	Loss	Factor	Pos	Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	83.2	30.69	-9.31	40.00	52.83	7.97	0.99	31.10	---	---	Peak
2	104.0	36.26	-7.24	43.50	54.99	11.29	1.08	31.11	---	---	Peak
3 @	125.0	36.64	-6.86	43.50	53.86	12.66	1.21	31.09	100	302	Peak
4	813.8	25.30	-20.70	46.00	32.40	19.92	3.47	30.47	---	---	Peak
5	873.3	25.56	-20.44	46.00	31.91	20.34	3.71	30.40	---	---	Peak
6	945.4	26.38	-19.62	46.00	31.90	20.85	3.91	30.29	---	---	Peak



Trace: (Discrete)

Site : 03CH06-HY
 Condition : SHF-EHF HORN HORIZONTAL
 EUT : GSM/EDGE 850/900/1800/1900 WCDMA
 /HSDPA 850/1900/2100 FDD Phone
 Power : 120Vac/60Hz
 Model : FR 761327-04
 Memo : 11g Tx_Ch1:2462MHz
 Data Rate : 9
 Plane : E1

	Freq	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
			MHz	dBuV/m	dB	dBuV/m	Line	Level	Factor	Loss	
1	2384.0	49.36	-24.64	74.00	50.80	30.25	3.75	35.44	100	0	Peak
2	2384.0	38.88	-15.12	54.00	40.32	30.25	3.75	35.44	100	100	Average
3 @	2462.0	102.48			103.85	30.29	3.84	35.49	100	0	Peak
4 @	2462.0	92.94			94.31	30.29	3.84	35.49	100	100	Average
5	2483.5	61.33	-12.67	74.00	62.69	30.29	3.86	35.51	100	0	Peak
6	2483.5	45.16	-8.84	54.00	46.52	30.29	3.86	35.51	100	100	Average
7	8232.0	56.62	-17.38	74.00	45.12	39.42	8.06	35.98	100	0	Peak
8	8232.0	44.70	-9.30	54.00	33.20	39.42	8.06	35.98	100	258	Average

Remark: #3 and #4 Fundamental Signal



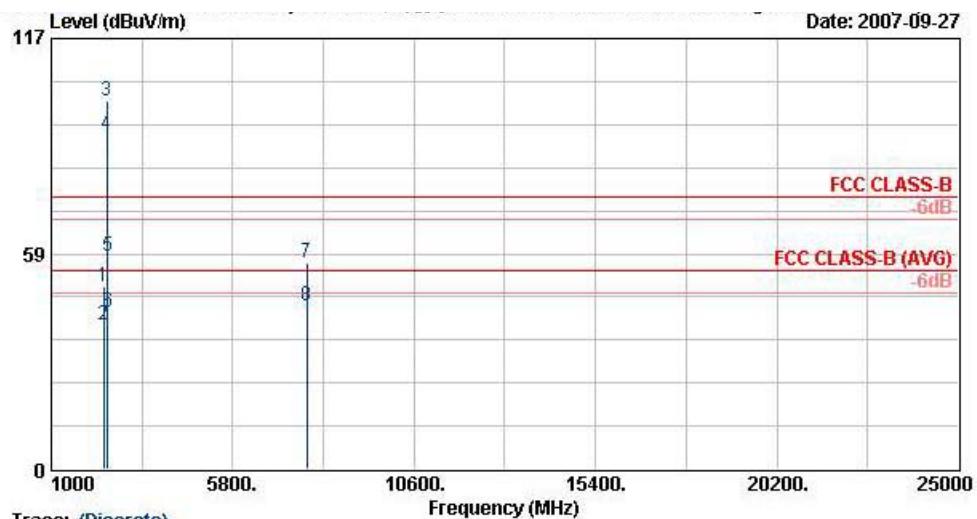
Polarization : Vertical

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

Trace: (Discrete)

Site : 08CH06-HY
 Condition : LF-ANT(951121) VERTICAL
 EUT : GSM/EDGE 850/900/1800/1900 WCDMA
 /HSDPA 850/1900/2100 PDA Phone
 Power : 120Vac/60Hz
 Model : FR 761327-04
 Memo : 11g Tx_Ch11,2462MHz
 Data Rate : 9
 Plane : E1

	Freq	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
			MHz	dBuV/m	dB	dBuV/m	Line	Level	Factor	Loss	
1	62.1	28.44	-11.56	40.00	52.10	6.67	0.87	31.20	---	---	Peak
2	83.2	32.19	-7.81	40.00	54.32	7.97	0.99	31.10	100	206	Peak
3	104.0	32.75	-10.75	43.50	51.48	11.29	1.08	31.11	---	---	Peak
4	780.9	25.58	-20.42	46.00	33.07	19.64	3.38	30.51	---	---	Peak
5	868.4	25.78	-20.22	46.00	32.20	20.30	3.69	30.41	---	---	Peak
6	955.9	26.49	-19.51	46.00	31.91	20.93	3.93	30.28	---	---	Peak



Site : 08CH06-HY
 Condition : SHF-EHF HORN VERTICAL
 EUT : GSM/EDGE 850/900/1800/1900 WCDMA
 /HSDPA 850/1900/2100 PDA Phone
 Power : 120Vac/60Hz
 Model : FR 761327-04
 Memo : 11g Tx_Ch11,2462MHz
 Data Rate : 9
 Plane : E1

	Freq	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
			MHz	dBuV/m	dB	dBuV/m	Level	Factor	Loss	Pos	
1	2388.0	49.67	-24.33	74.00	51.10	30.26	3.75	35.44	100	0	Peak
2	2388.0	39.17	-14.83	54.00	40.60	30.26	3.75	35.44	127	63	Average
3 @	2462.0	99.96			101.33	30.29	3.84	35.49	100	0	Peak
4 @	2462.0	90.90			92.27	30.29	3.84	35.49	127	63	Average
5	2483.5	57.81	-16.19	74.00	59.17	30.29	3.86	35.51	100	0	Peak
6	2483.5	42.52	-11.48	54.00	43.88	30.29	3.86	35.51	127	63	Average
7	7752.0	56.13	-17.87	74.00	45.13	39.25	7.70	35.95	100	0	Peak
8	7752.0	44.40	-9.60	54.00	33.40	39.25	7.70	35.95	100	274	Average

Remark: #3 and #4 Fundamental Signal



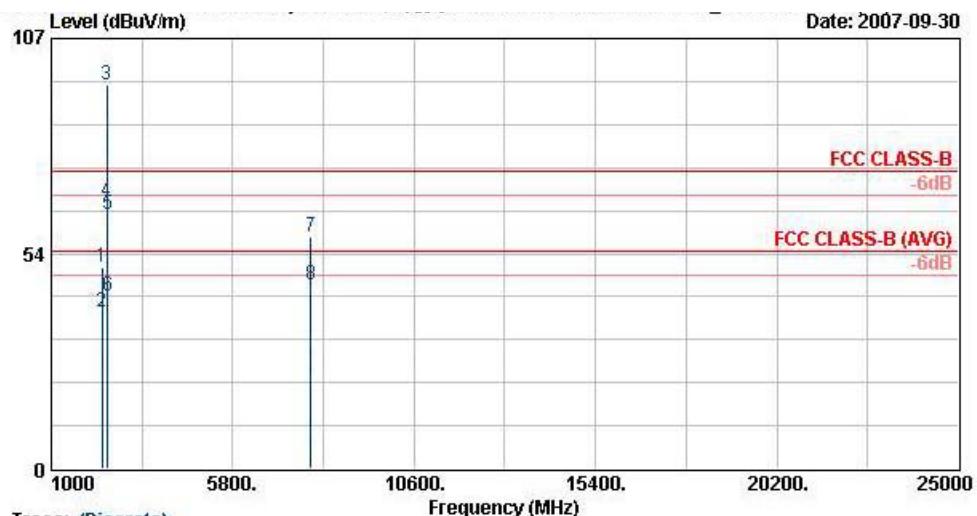
Test Mode : Mode 9

Polarization : Horizontal

■ The test that passed at minimum margin was marked by the frame in the following table.**Trace: (Discrete)**

Site : 08CH06-HY
 Condition : LF-ANT051121 HORIZONTAL
 EUT : GSM/EDGE 850/900/1800/1900 WCDMA
 /HSDPA 850/1900/2100 PDA Phone
 Power : 120Vac/60Hz
 Model : FR 761327-04
 Memo : BT Tx_Ch78,2480MHz
 Data Rate : DH1
 Plane : EI

	Freq	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table
			Line	Limit	Level	Factor	Loss	Factor	Pos	Pos
			MHz	dBuV/m	dB	dBuV/m	dB	dB	cm	deg
1		31.1	28.60	-11.40	40.00	40.43	18.95	0.64	31.43	---
2		40.0	23.08	-16.92	40.00	40.08	13.51	0.70	31.21	---
3	!	125.0	37.88	-5.62	43.50	55.10	12.66	1.21	31.09	100 131 Peak
4		799.8	25.21	-20.79	46.00	32.47	19.82	3.41	30.49	---
5		878.9	25.12	-20.88	46.00	31.40	20.38	3.73	30.39	---
6		964.3	26.57	-27.43	54.00	31.91	20.98	3.95	30.28	---



Site : 03CH06-HY
 Condition : SHF-EHF HORN HORIZONTAL
 EUT : GSM/EDGE 850/900/1800/1900 WCDMA /HSDPA 850/1900/2100 PDA Phone
 Power : 120Vac/60Hz
 Model : FR 761327-04
 Memo : BT Tx_Ch78,2480MHz
 Data Rate : DH1
 Plane : E1

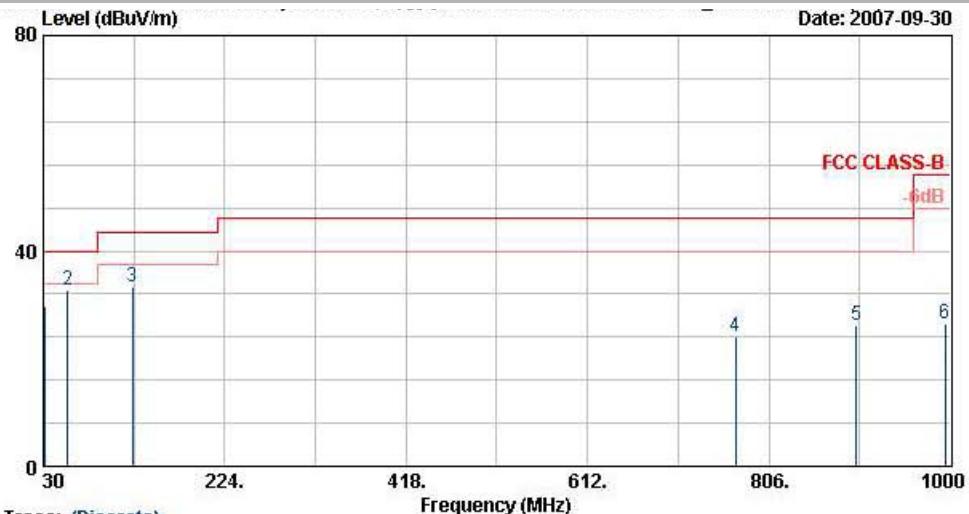
	Freq	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	
			MHz	dBuV/m	dB	dBuV/m	Line	Level Factor	Loss	Factor	Pos
1	2348.0	49.98	-24.02	74.00	51.46	30.24	3.71	35.42	100	0	Peak
2	2348.0	39.11	-14.89	54.00	40.59	30.24	3.71	35.42	100	352	Average
3 X	2480.0	95.52			96.87	30.29	3.86	35.51	100	0	Peak
4 X	2480.0	66.42			67.78	30.29	3.86	35.51	100	352	Average
5	2483.5	63.07	-10.93	74.00	64.43	30.29	3.86	35.51	100	0	Peak
6	2483.5	42.96	-11.04	54.00	44.32	30.29	3.86	35.51	100	352	Average
7	7872.0	57.61	-16.39	74.00	46.35	39.41	7.75	35.90	100	0	Peak
8	7872.0	45.64	-8.36	54.00	34.38	39.41	7.75	35.90	100	116	Average

Remark: #3 and #4 Fundamental Signal



Polarization : Vertical

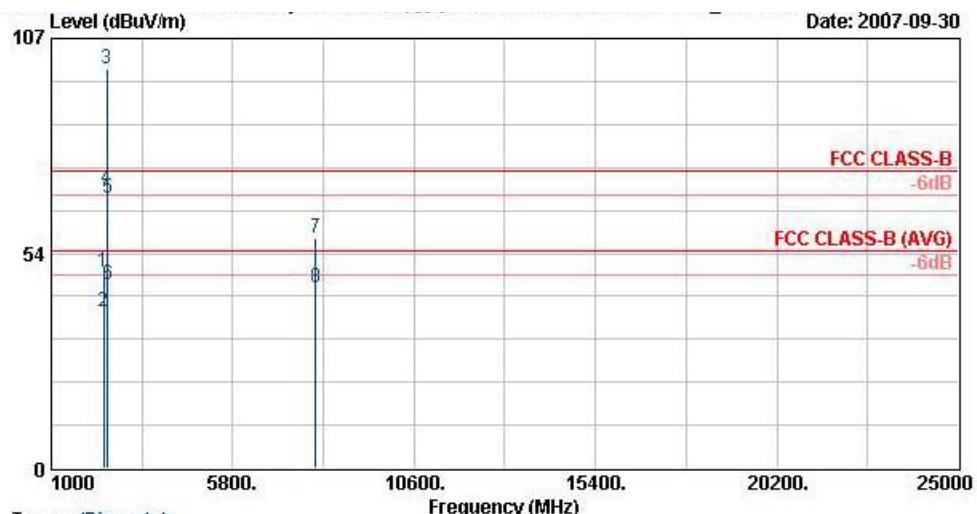
■ The test that passed at minimum margin was marked by the frame in the following table.



Trace: (Discrete)

Site	08CHD6-HY
Condition	LF-ANT051121) VERTICAL
EUT	GSM/EDGE 850/900/1800/1900 WCDMA /HSDPA 850/1900/2100 PDA Phone
Power	120Vac/60Hz
Model	FR 761327-04
Memo	BT Tx_Chr78,2480MHz
Data Rate	DH1
Plane	E1

	Freq	Level	Over Limit	Line	Read	Antenna	Cable	Preamp	Ant	Table	Pos	Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm			deg	
1	31.1	29.71	-10.29	40.00	41.54	18.95	0.64	31.43	---	---	---	Peak	
2	56.2	32.62	-7.38	40.00	55.74	7.20	0.83	31.16	100	172	---	Peak	
3	125.0	33.25	-10.25	43.50	50.47	12.66	1.21	31.09	---	---	---	Peak	
4	770.4	24.15	-21.85	46.00	31.76	19.54	3.36	30.51	---	---	---	Peak	
5	899.9	26.06	-19.94	46.00	32.08	20.53	3.82	30.37	---	---	---	Peak	
6	994.4	26.43	-27.57	54.00	31.49	21.20	4.01	30.27	---	---	---	Peak	



Site : 08CH06-HY
 Condition : SHF-EHF HORN VERTICAL
 EUT : GSM/EDGE 850/900/1800/1900 WCDMA
 /HSUPA 850/1900/2100 PDA Phone
 Power : 120Vac/60Hz
 Model : FR 761327-04
 Memo : BT Tx_Ch78,2480MHz
 Data Rate : DH1
 Plane : E1

	Freq	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
			MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	cm	
1	2384.0	49.12	-24.88	74.00	50.56	30.25	3.75	35.44	100	0	Peak
2	2384.0	39.06	-14.94	54.00	40.50	30.25	3.75	35.44	103	23	Average
3 @	2480.0	99.54			100.90	30.29	3.86	35.51	100	0	Peak
4 X	2480.0	69.76			71.12	30.29	3.86	35.51	103	23	Average
5	2483.5	67.09	-6.91	74.00	68.45	30.29	3.86	35.51	100	0	Peak
6	2483.5	45.94	-8.06	54.00	47.30	30.29	3.86	35.51	103	23	Average
7	8001.0	57.44	-16.56	74.00	45.91	39.60	7.79	35.86	100	0	Peak
8	8001.0	45.10	-8.90	54.00	33.57	39.60	7.79	35.86	100	216	Average

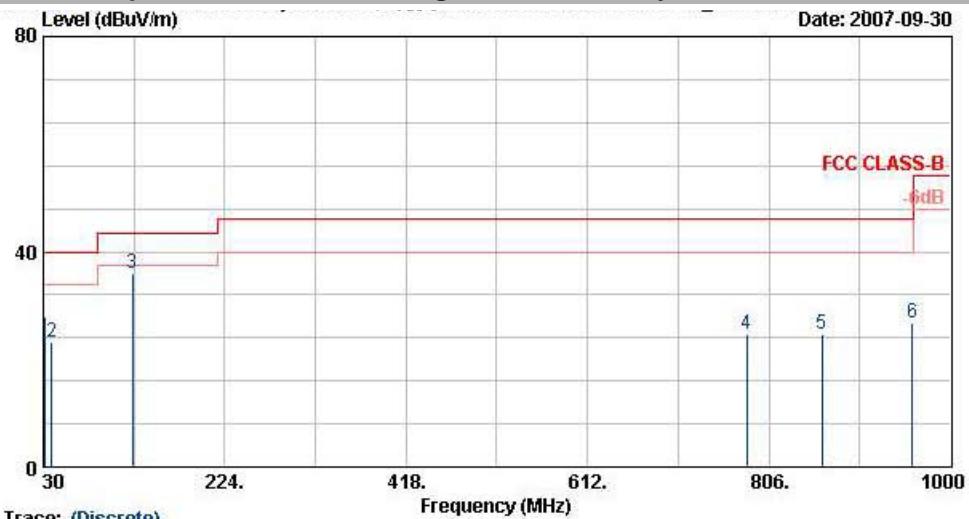
Remark: #3 and #4 Fundamental Signal



Test Mode : Mode 12

Polarization : Horizontal

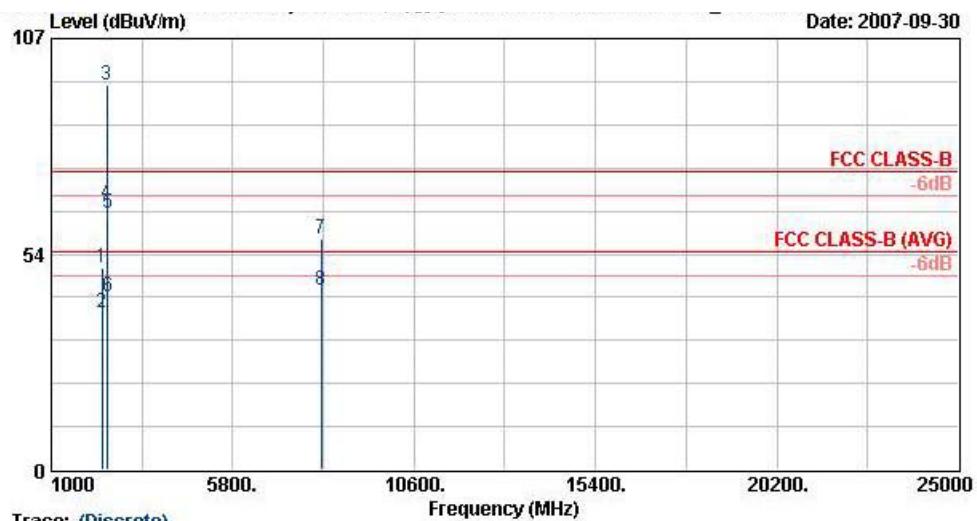
■ The test that passed at minimum margin was marked by the frame in the following table.



Trace: (Discrete)

Site	03CH06-HY
Condition	LF-ANT951121D HORIZONTAL
EUT	GSM/EDGE 850/900/1800/1900 WCDMA /HSDPA 850/1900/2100 FDD Phone
Power	120Vac/40Hz
Model	FR 761327-04
Memo	BT Tx_Chr78,2480MHz
Data Rate	2DH1
Plane	E1

Line	Freq	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Pos	Remark
			Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	deg	
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm			
1	31.1	27.86	-12.14	40.00	39.69	18.95	0.64	31.43	---	---	Peak	
2	39.2	23.30	-16.70	40.00	39.78	14.03	0.70	31.21	---	---	Peak	
3 @	125.0	35.96	-7.54	43.50	53.18	12.66	1.21	31.09	100	128	Peak	
4	782.3	24.79	-21.21	46.00	32.25	19.66	3.38	30.50	---	---	Peak	
5	862.8	24.76	-21.24	46.00	31.24	20.27	3.67	30.41	---	---	Peak	
6	959.4	26.88	-19.12	46.00	32.27	20.95	3.94	30.28	---	---	Peak	

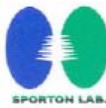


Trace: (Discrete)

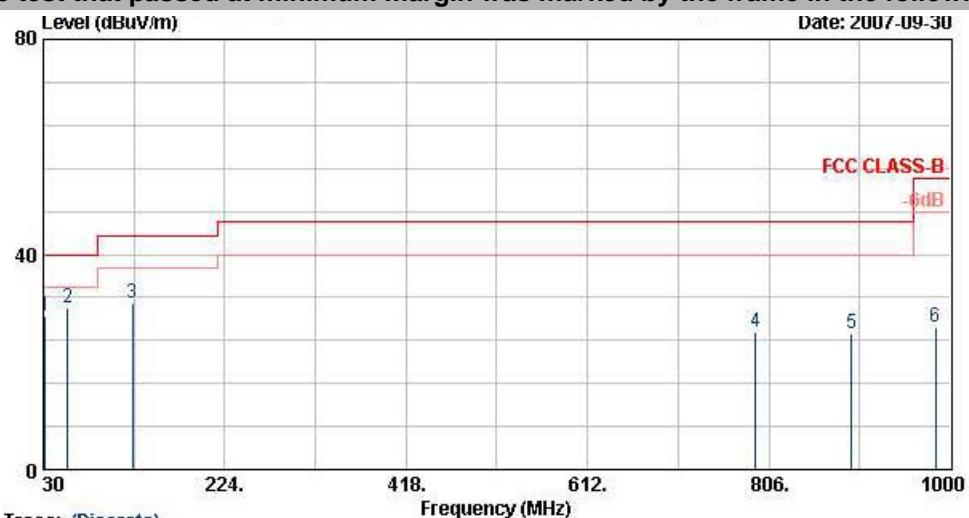
Site : 08CH06-HY
 Condition : SHF-EHF HORN HORIZONTAL
 EUT : GSM/EDGE 850/900/1800/1900 WCDMA
 /HSDPA 850/1900/2100 PDA Phone
 Power : 120Vac/60Hz
 Model : FR 761327-04
 Memo : BT Tx_Ch78,2480MHz
 Data Rate : 2DH1
 Plane : E1

	Freq	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
			Line	Level	Antenna	Cable	Preamp	Ant	Table		
			MHz	dBuV/m	dB	dBuV/m	dB	dB	cm	deg	
1	2338.0	49.99	-24.01	74.00	51.47	30.24	3.69	35.40	100	0	Peak
2	2338.0	39.11	-14.89	54.00	40.59	30.24	3.69	35.40	100	352	Average
3 @	2480.0	95.62			96.98	30.29	3.86	35.51	100	0	Peak
4 @	2480.0	65.89			67.25	30.29	3.86	35.51	100	352	Average
5	2483.5	63.82	-10.18	74.00	65.18	30.29	3.86	35.51	100	0	Peak
6	2483.5	42.98	-11.02	54.00	44.34	30.29	3.86	35.51	100	352	Average
7	8151.0	57.20	-16.80	74.00	45.70	39.48	7.96	35.93	100	0	Peak
8	8151.0	44.44	-9.56	54.00	32.94	39.48	7.96	35.93	100	195	Average

Remark: #3 and #4 Fundamental Signal

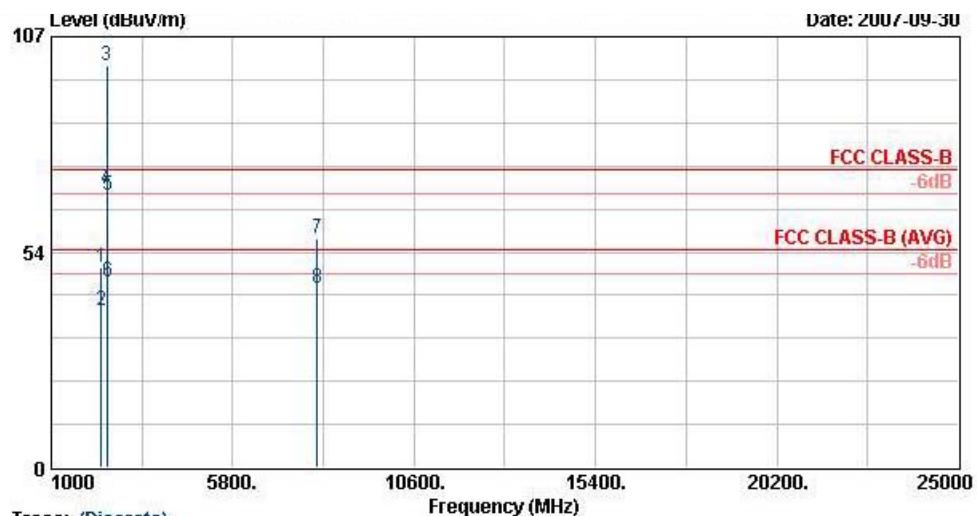


Polarization : Vertical

■ The test that passed at minimum margin was marked by the frame in the following table.**Trace: (Discrete)**

Site : 08CH06-HY
 Condition : LF-ANT(951121) VERTICAL
 EUT : GSM/EDGE 850/900/1800/1900 WCDMA
 /HSDPA 850/1900/2100 PDA Phone
 Power : 120Vac/40Hz
 Model : FR 761327-04
 Memo : BT Tx_Ch78,2480MHz
 Data Rate : 2DH1
 Plane : E1

	Freq	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
			MHz	dBuV/m	dB	dBuV/m	Line	Level	Factor	Loss	
1	32.4	28.55	-11.45	40.00	41.71	17.54	0.66	31.36	---	---	Peak
2	56.2	30.08	-9.92	40.00	53.20	7.20	0.83	31.16	100	201	Peak
3	125.0	30.93	-12.57	43.50	48.15	12.66	1.21	31.09	---	---	Peak
4	791.4	25.45	-20.55	46.00	32.81	19.74	3.40	30.50	---	---	Peak
5	894.3	25.30	-20.70	46.00	31.39	20.49	3.80	30.38	---	---	Peak
6	983.9	26.47	-27.53	54.00	31.63	21.12	3.99	30.27	---	---	Peak



Trace: (Discrete)

Site : 03CH06-HY
 Condition : SHF-EHF HORN VERTICAL
 EUT : GSM/EDGE 850/900/1800/1900 WCDMA
 /HSDPA 850/1900/2100 PDA Phone
 Power : 120Vac/60Hz
 Model : FR 761327-04
 Memo : BT Tx_Ch78:2480MHz
 Data Rate : 2DH1
 Plane : E1

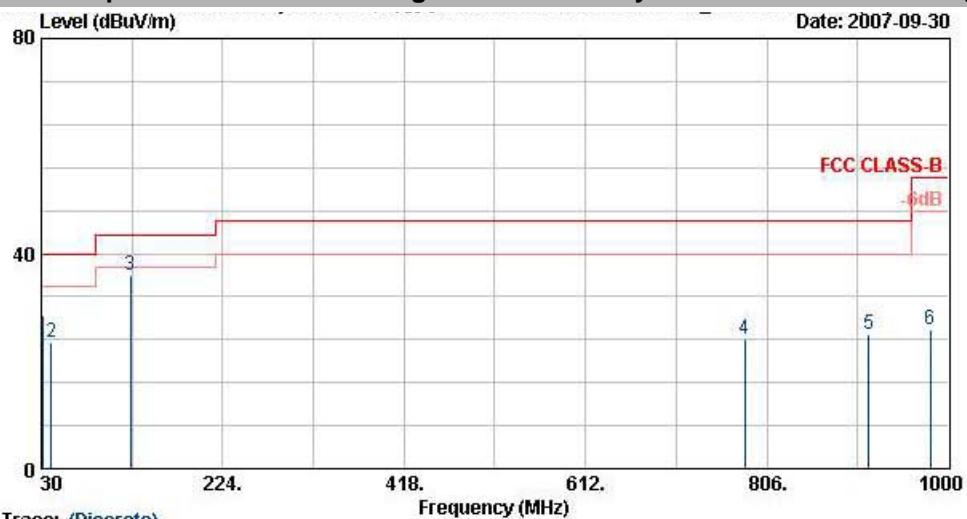
	Freq	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
			MHz	dBuV/m	dB	dBuV/m	dB	dB	dB	cm	
1	2328.0	49.82	-24.18	74.00	51.30	30.23	3.69	35.40	100	0	Peak
2	2328.0	39.04	-14.96	54.00	40.53	30.23	3.69	35.40	103	23	Average
3 @	2480.0	99.67			101.03	30.29	3.86	35.51	100	0	Peak
4 @	2480.0	69.37			70.73	30.29	3.86	35.51	103	23	Average
5 @	2483.5	67.52	-6.48	74.00	68.88	30.29	3.86	35.51	100	0	Peak
6	2483.5	45.98	-8.02	54.00	47.34	30.29	3.86	35.51	103	23	Average
7	8046.0	56.88	-17.12	74.00	45.33	39.57	7.85	35.87	100	0	Peak
8	8046.0	44.73	-9.27	54.00	33.18	39.57	7.85	35.87	100	249	Average

Remark: #3 and #4 Fundamental Signal



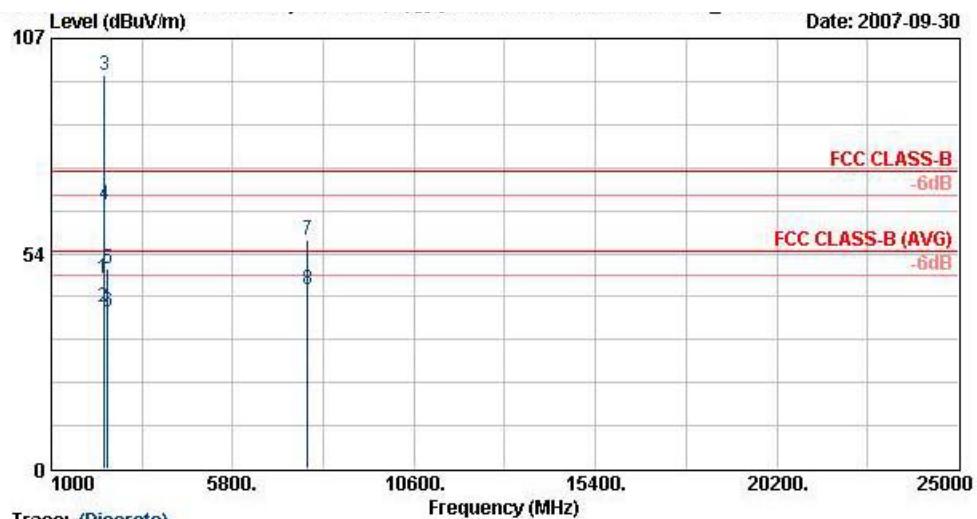
Test Mode : Mode 13

Polarization : Horizontal

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

Site : 03CH06-HY
Condition : LF-ANT05112D HORIZONTAL
EUT : GSM/EDGE 850/900/1800/1900 WCDMA
/HSDPa & 850/1900/2100 PDA Phone
Power : 120Vac,460Hz
Model : FR 761327-04
Memo : BT Tx_Ch00;2402MHz
Data Rate : 3DH1
Plane : E1

Trace: (Discrete)	Over Limit ReadAntenna Cable Preamp Ant Table									
	Freq	Level	Limit	Line	Level	Factor	Loss	Factor	Ant Pos	Table Pos
1	31.1	28.66	-11.34	40.00	40.49	18.95	0.64	31.43	---	--- Peak
2	40.5	23.52	-16.48	40.00	40.99	13.01	0.71	31.19	---	--- Peak
3	125.0	36.11	-7.39	43.50	53.33	12.66	1.21	31.09	100	173 Peak
4	782.3	24.22	-21.78	46.00	31.69	19.66	3.38	30.50	---	--- Peak
5	915.3	25.03	-20.97	46.00	30.88	20.64	3.85	30.34	---	--- Peak
6	980.4	25.95	-28.05	54.00	31.14	21.10	3.98	30.27	---	--- Peak



Trace: (Discrete)

Site : 03CH06-HY
 Condition : SHF-EHF HORN HORIZONTAL
 EUT : GSM/EDGE 850/900/1800/1900 WCDMA
 /HSDPA 850/1900/2100 PDA Phone
 Power : 120Vac/60Hz
 Model : FR 761327-04
 Memo : BT_Tx_C100;2402MHz
 Data Rate : 3DH1
 Plane : E1

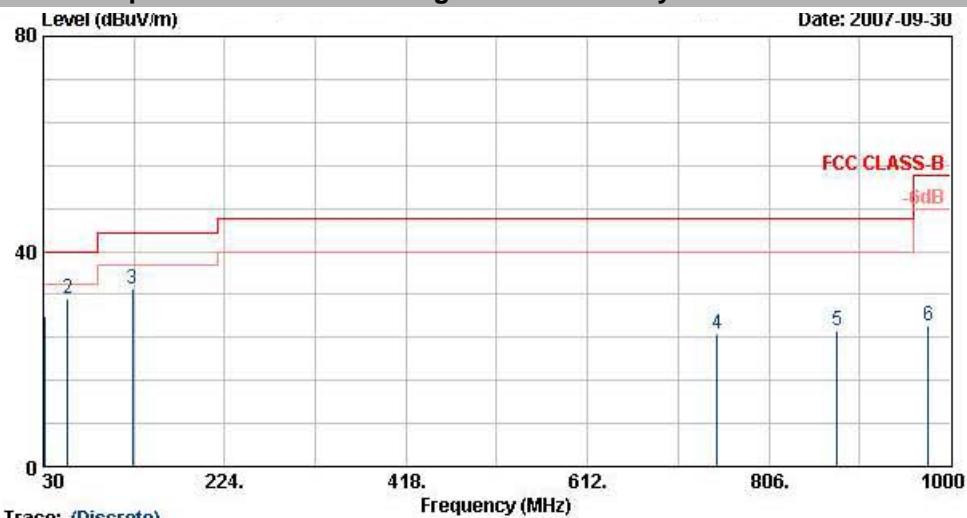
	Freq	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
			Line	Limit	Level	Factor	Loss	Factor	Pos	Pos	
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	2390.0	47.32	-26.68	74.00	48.77	30.26	3.75	35.46	100	0	Peak
2	2390.0	40.15	-13.85	54.00	41.60	30.26	3.75	35.46	100	351	Average
3 X	2402.0	98.03			99.45	30.27	3.77	35.46	100	0	Peak
4 X	2402.0	65.51			66.94	30.26	3.77	35.46	100	351	Average
5	2484.0	49.68	-24.32	74.00	51.04	30.29	3.86	35.51	100	0	Peak
6	2484.0	38.89	-15.11	54.00	40.25	30.29	3.86	35.51	100	351	Average
7	7791.0	56.71	-17.29	74.00	45.64	39.30	7.71	35.94	100	0	Peak
8	7791.0	44.55	-9.45	54.00	33.48	39.30	7.71	35.94	100	83	Average

Remark: #3 and #4 Fundamental Signal



Polarization : Vertical

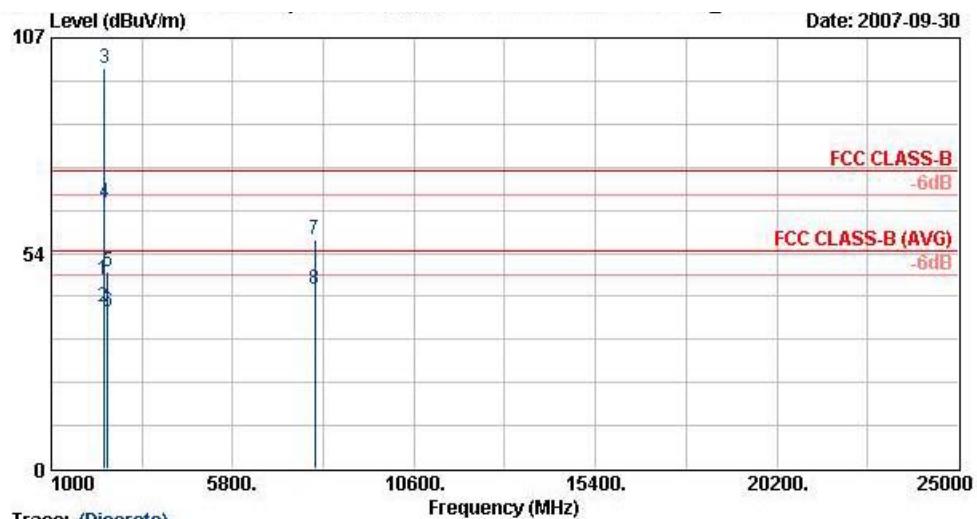
■ The test that passed at minimum margin was marked by the frame in the following table.



Trace: (Discrete)

Site	08CH06-HY
Condition	LF-ANT0951121) VERTICAL
EUT	GSM/EDGE 850/900/1800/1900 WCDMA /HSDPA 850/1900/2100 PDA Phone
Power	120Vac/60Hz
Model	FR 761327-04
Memo	BT Tx_CMO,2400MHz
Data Rate	3DH1
Plane	E1

	Freq	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table
			Limit	Line	Level	Factor	Loss	Factor	Pos	Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1	31.1	27.84	-12.16	40.00	39.67	18.95	0.64	31.43	---	---
2	56.2	31.18	-8.82	40.00	54.30	7.20	0.83	31.16	100	153
3	125.0	33.12	-10.38	43.50	50.34	12.66	1.21	31.09	---	---
4	750.8	24.72	-21.28	46.00	32.56	19.36	3.33	30.53	---	---
5	878.9	25.26	-20.74	46.00	31.55	20.38	3.73	30.39	---	---
6	976.9	26.18	-27.82	54.00	31.41	21.07	3.97	30.27	---	---



Site : 03CH06-HY
 Condition : SHF-EHF HORN VERTICAL
 EUT : GSM/EDGE 850/900/1800/1900 WCDMA /HSDPA 850/1900/2100 PDA Phone
 Power : 120Vac/60Hz
 Model : FR 761327-04
 Memo : BT_Tx_C100;2402MHz
 Data Rate : 3DH1
 Plane : E1

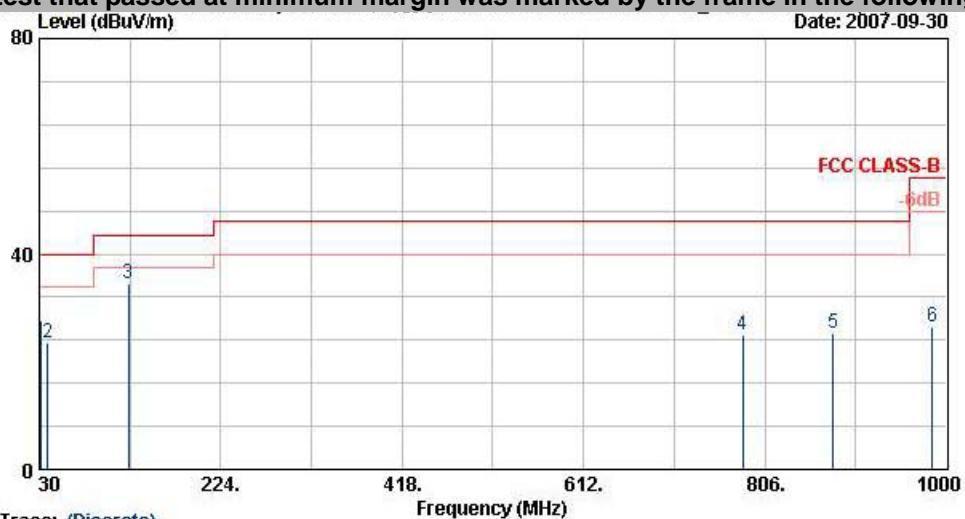
	Freq	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	
			MHz	dBuV/m	dB	dBuV/m	Line	Level Factor	Loss	Factor	Pos
1	2390.0	46.96	-27.04	74.00	48.41	30.26	3.75	35.46	100	0	Peak
2	2390.0	40.14	-13.86	54.00	41.59	30.26	3.75	35.46	106	28	Average
3 @	2402.0	99.33			100.76	30.26	3.77	35.46	100	0	Peak
4 X	2402.0	66.07			67.50	30.26	3.77	35.46	106	28	Average
5	2484.0	49.01	-24.99	74.00	50.37	30.29	3.86	35.51	100	0	Peak
6	2484.0	38.92	-15.08	54.00	40.28	30.29	3.86	35.51	106	28	Average
7	7977.0	56.77	-17.23	74.00	45.28	39.55	7.78	35.85	100	0	Peak
8	7977.0	44.74	-9.26	54.00	33.25	39.55	7.78	35.85	100	152	Average

Remark: #3 and #4 Fundamental Signal



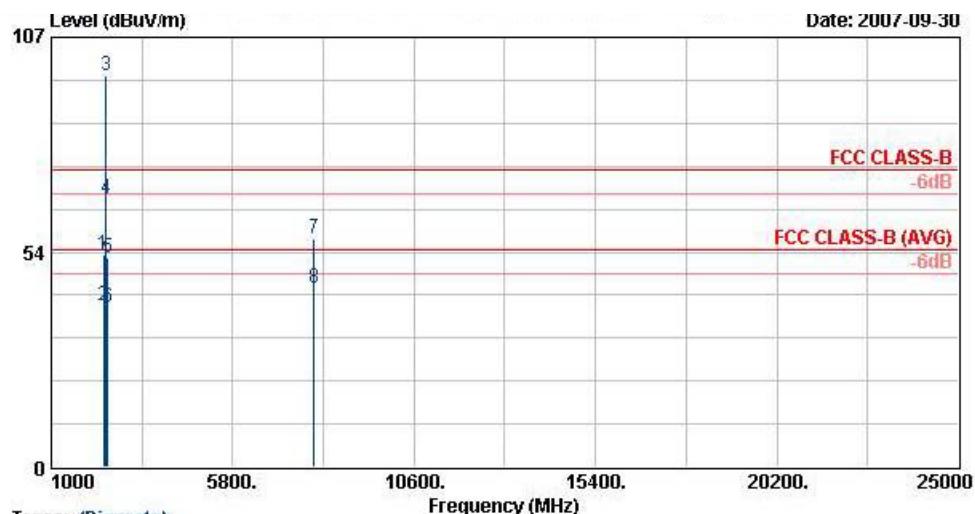
Test Mode : Mode 14

Polarization : Horizontal

■ The test that passed at minimum margin was marked by the frame in the following table.**Trace: (Discrete)**

Site : 08CH06-HY
 Condition : LF-ANT0951121 HORIZONTAL
 EUT : GSM/EDGE 850/900/1800/1900 WCDMA
 /HSUPA 850/1900/2100 PDA Phone
 Power : 120Vac/60Hz
 Model : FR 761327-04
 Memo : BT Tx_Ch39;2441MHz
 Data Rate : 3DH1
 Plane : E1

	Freq	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
			Line	Limit	Level	Factor	Cable	Loss	Preamp	Ant	
	MHz	dBuV/m	dB	dBuV/m	dB	dB	dB	dB	dB	cm	deg
1	31.1	27.69	-12.31	40.00	39.52	18.95	0.64	31.43	---	---	Peak
2	39.2	23.36	-16.64	40.00	39.84	14.03	0.70	31.21	---	---	Peak
3	125.0	34.54	-8.96	43.50	51.76	12.66	1.21	31.09	100	183	Peak
4	782.3	25.05	-20.95	46.00	32.52	19.66	3.38	30.50	---	---	Peak
5	878.9	25.35	-20.65	46.00	31.63	20.38	3.73	30.39	---	---	Peak
6	985.3	26.44	-27.56	54.00	31.59	21.14	3.99	30.27	---	---	Peak



Trace: (Discrete)

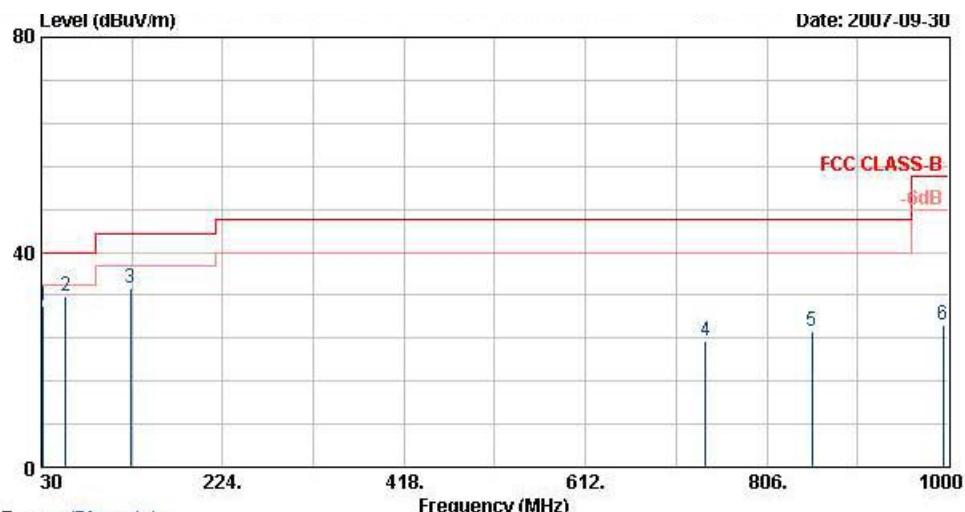
Site : 08CH06-HY
 Condition : SHF-EHF HORN HORIZONTAL
 EUT : GSM/EDGE 850/900/1800/1900 WCDMA
 : HSDPA 850/1900/2100 FDD Phone
 Power : 120Vac/60Hz
 Model : FR 761327-04
 Memo : BT Tx_C139:2441MHz
 Data Rate : 3DH1
 Plane : E1

	Freq	Over Level	Limit	Limit	Read Line	Antenna Level	Cable Factor	Preamp	Ant Pos	Table Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB	cm	deg		
1	2388.0	52.99	-21.01	74.00	54.42	30.26	3.75	35.44	100	0	Peak	
2	2388.0	40.01	-13.99	54.00	41.44	30.26	3.75	35.44	100	351	Average	
3 X	2441.0	97.39			98.77	30.28	3.82	35.47	100	0	Peak	
4 X	2441.0	66.68			68.08	30.28	3.82	35.49	100	351	Average	
5	2494.0	51.97	-22.03	74.00	53.32	30.30	3.88	35.53	100	0	Peak	
6	2494.0	39.69	-14.31	54.00	41.04	30.30	3.88	35.53	100	351	Average	
7	7956.0	56.77	-17.23	74.00	45.33	39.53	7.78	35.86	100	0	Peak	
8	7956.0	44.54	-9.46	54.00	33.09	39.53	7.78	35.86	100	139	Average	

Remark: #3 and #4 Fundamental Signal

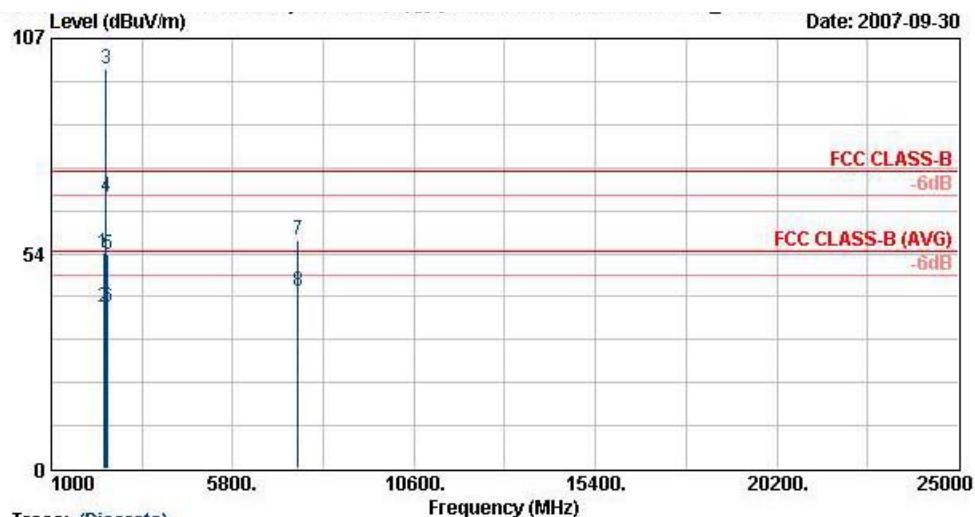


Polarization : Vertical

■ The test that passed at minimum margin was marked by the frame in the following table.**Trace: (Discrete)**

Site : 08CH06-HY
 Condition : LF-ANT(951121) VERTICAL
 EUT : GSM/EDGE 850/900/1800/1900 WCDMA
 /HSDPDA 850/1900/2100 PDA Phone
 Power : 120Vao/60Hz
 Model : FR 761327-04
 Memo : BT Tx_Ch39;2441MHz
 Data Rate : 3DH1
 Plane : E1

	Freq	Level	Over Limit	Read	Antenna	Cable	Preamp	Ant	Table	
									Pos	Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1	32.4	29.92	-10.08	40.00	43.08	17.54	0.66	31.36	---	---
2	56.2	31.74	-8.26	40.00	54.86	7.20	0.83	31.16	100	208
3	125.0	33.37	-10.13	43.50	50.59	12.66	1.21	31.09	---	Peak
4	740.3	23.55	-22.45	46.00	31.52	19.26	3.31	30.54	---	Peak
5	854.4	25.32	-20.68	46.00	31.91	20.21	3.63	30.42	---	Peak
6	994.4	26.60	-27.40	54.00	31.67	21.20	4.01	30.27	---	Peak



Trace: (Discrete)

Site : 09CH06-HY
 Condition : SHF-EHF HORN VERTICAL
 EUT : GSM/EDGE 850/900/1800/1900 WCDMA
 /HSUPA 850/1900/2100 PDA Phone
 Power : 120Vac/60Hz
 Model : FR 761327-04
 Memo : BT Tx_C139,2441MHz
 Data Rate : 3DH1
 Plane : E1

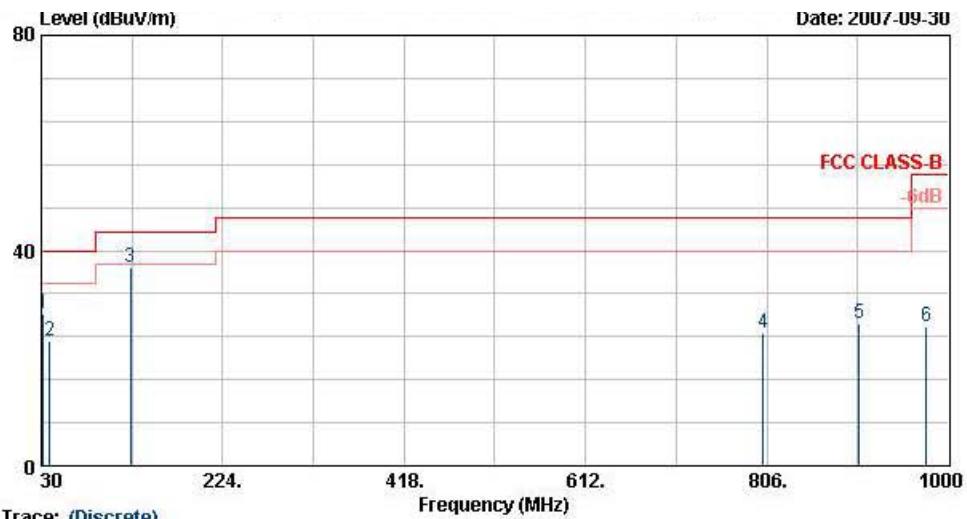
	Freq	Over Level	Limit	Line	Read	Antenna Level	Cable Factor	Preamp	Ant	Table	Pos	Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB	cm				
1	2388.0	53.66	-20.34	74.00	55.09	30.26	3.75	35.44	100	0	Peak		
2	2388.0	40.00	-14.00	54.00	41.43	30.26	3.75	35.44	103	25	Average		
3 @	2441.0	99.49			100.87	30.28	3.82	35.47	100	0	Peak		
4 X	2441.0	67.71			69.11	30.28	3.82	35.49	103	25	Average		
5	2494.0	53.45	-20.55	74.00	54.79	30.30	3.88	35.53	100	0	Peak		
6	2494.0	40.14	-13.86	54.00	41.49	30.30	3.88	35.53	103	25	Average		
7	7521.0	56.83	-17.17	74.00	46.31	38.95	7.62	36.05	100	0	Peak		
8	7521.0	44.16	-9.84	54.00	33.64	38.95	7.62	36.05	100	146	Average		

Remark: #3 and #4 Fundamental Signal



Test Mode : Mode 15

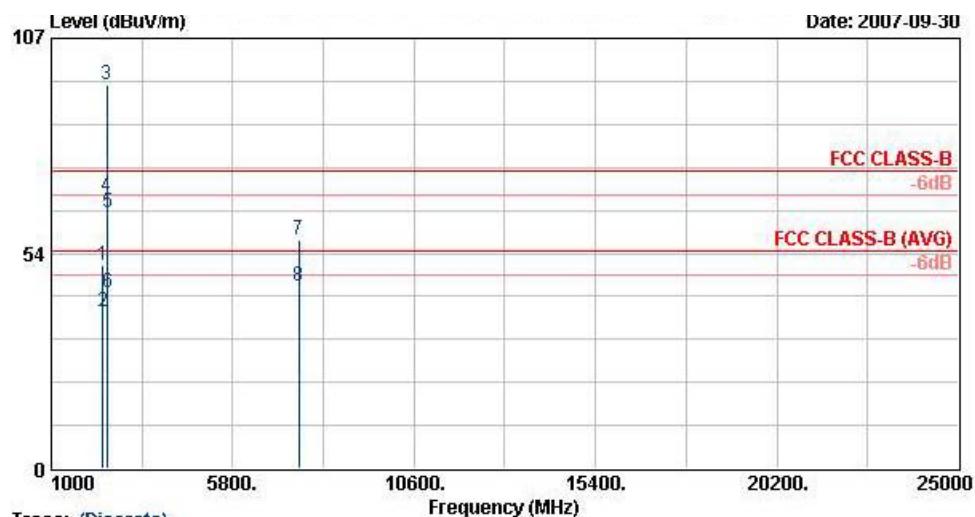
Polarization : Horizontal

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

Trace: (Discrete)

Site : 03CH06-HY
 Condition : LF-ANT0951121 HORIZONTAL
 EUT : GSM/EDGE 850/900/1800/1900 WCDMA
 /HSDPA 850/1900/2100 PDA Phone
 Power : 120Vac/60Hz
 Model : FR 761327-04
 Memo : BT Tx_Ch78,2480MHz
 Data Rate : 3DH1
 Plane : E1

	Freq	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
			Line	Limit	Level	Factor	Cable	Preamp	Ant	Pos	
			MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm
1	32.4	28.25	-11.75	40.00	41.40	17.54	0.66	31.36	---	---	Peak
2	39.2	23.15	-16.85	40.00	39.63	14.03	0.70	31.21	---	---	Peak
3	125.0	36.86	-6.64	43.50	54.08	12.66	1.21	31.09	100	102	Peak
4	801.9	24.58	-21.42	46.00	31.82	19.83	3.42	30.49	---	---	Peak
5	904.8	26.36	-19.64	46.00	32.33	20.56	3.83	30.36	---	---	Peak
6	976.9	25.82	-28.18	54.00	31.04	21.07	3.97	30.27	---	---	Peak



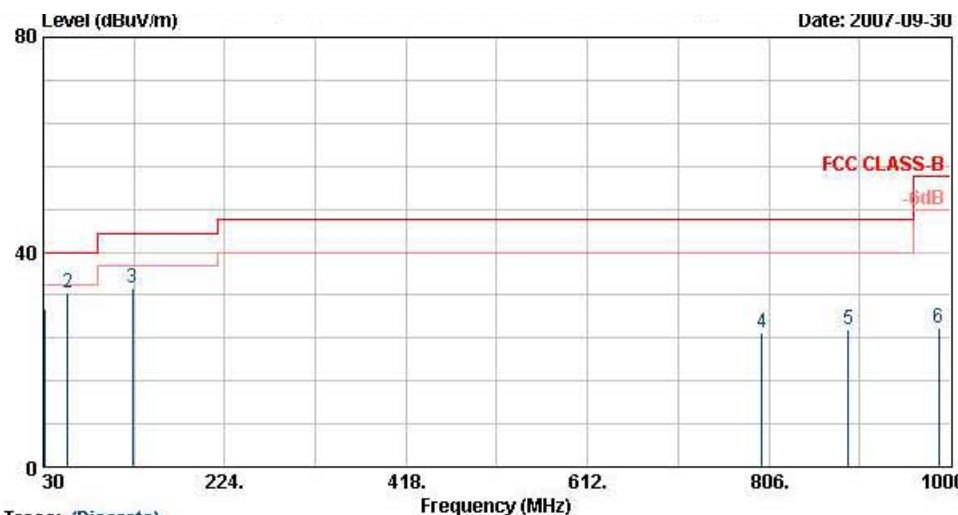
Trace: (Discrete)
 Site : 08CH06-HY
 Condition : SHF-EHF HORN HORIZONTAL
 EUT : GSM/EDGE 850/900/1800/1900 WCDMA
 /HSUPA 850/1900/2100 PDA Phone
 Power : 120Vac/60Hz
 Model : FR 761327-04
 Memo : BT_Tx_C178,2480MHz
 Data Rate : 3DH1
 Plane : E1

	Freq	Level	Over Limit	Line	Read	Antenna Factor	Cable	Preamp	Ant	Table	Pos	Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg			
1	2368.0	50.32	-23.68	74.00	51.79	30.24	3.73	35.44	100	0	Peak		
2	2368.0	39.13	-14.87	54.00	40.59	30.24	3.73	35.44	100	355	Average		
3 X	2480.0	95.49			96.85	30.29	3.86	35.51	100	0	Peak		
4 X	2480.0	67.48			68.84	30.29	3.86	35.51	100	355	Average		
5	2483.5	63.46	-10.54	74.00	64.82	30.29	3.86	35.51	100	0	Peak		
6	2483.5	43.85	-10.15	54.00	45.21	30.29	3.86	35.51	100	355	Average		
7	7557.0	57.06	-16.94	74.00	46.47	38.99	7.63	36.04	100	0	Peak		
8	7557.0	45.15	-8.85	54.00	34.56	38.99	7.63	36.04	100	256	Average		

Remark: #3 and #4 Fundamental Signal

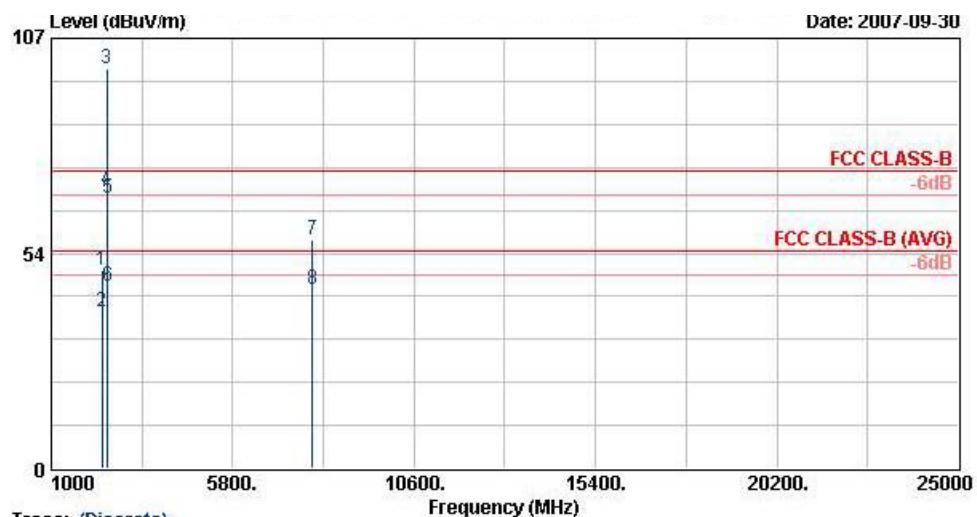


Polarization : Vertical

■ The test that passed at minimum margin was marked by the frame in the following table.**Trace: (Discrete)**

Site : 03CH06-HY
Condition : LF-ANT(95112) VERTICAL
EUT : GSM/EDGE 850/900/1800/1900 WCDMA
/HSUPA 850/1900/2100 PDA Phone
Power : 120Vac/60Hz
Model : FR 761327-04
Memo : BT Tx_Chr;2480MHz
Data Rate : 3DH1
Plane : E1

	Freq	Level	Over Limit	Limit Line	Read	Antenna Level	Cable Factor	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dB	dB	dB	dB	cm	deg	
1	31.1	29.30	-10.70	40.00	41.13	18.95	0.64	31.43	---	---	Peak
2	56.2	32.56	-7.44	40.00	55.68	7.20	0.83	31.16	100	149	Peak
3	125.0	33.20	-10.30	43.50	50.42	12.66	1.21	31.09	---	---	Peak
4	798.4	25.02	-20.98	46.00	32.31	19.80	3.41	30.49	---	---	Peak
5	890.8	25.64	-20.36	46.00	31.78	20.46	3.78	30.38	---	---	Peak
6	987.4	25.86	-28.14	54.00	30.98	21.15	3.99	30.27	---	---	Peak



Trace: (Discrete)
 Site : 08CH06-HY
 Condition : SHF-EHF HORN VERTICAL
 EUT : GSM/EDGE 850/900/1800/1900 WCDMA
 /HSUPA 850/1900/2100 PDA Phone
 Power : 120Vac/60Hz
 Model : FR 761327-04
 Memo : BT_Tx_C178,2480MHz
 Data Rate : 3DH1
 Plane : E1

	Freq	Level	Over Limit	Line	Read	Antenna Factor	Cable	Preamp	Ant	Table	Pos	Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg			
1	2344.0	49.42	-24.58	74.00	50.90	30.24	3.71	35.42	100	0	Peak		
2	2344.0	39.03	-14.97	54.00	40.51	30.24	3.71	35.42	100	23	Average		
3 @	2480.0	99.43			100.79	30.29	3.86	35.51	100	0	Peak		
4 X	2480.0	69.21			70.57	30.29	3.86	35.51	100	23	Average		
5	2483.5	67.32	-6.68	74.00	68.68	30.29	3.86	35.51	100	0	Peak		
6	2483.5	45.54	-8.46	54.00	46.90	30.29	3.86	35.51	100	23	Average		
7	7917.0	56.88	-17.12	74.00	45.51	39.48	7.76	35.88	100	0	Peak		
8	7917.0	44.64	-9.36	54.00	33.27	39.48	7.76	35.88	100	216	Average		

Remark: #3 and #4 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 FPC antenna for 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, 2007	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)



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				

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

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