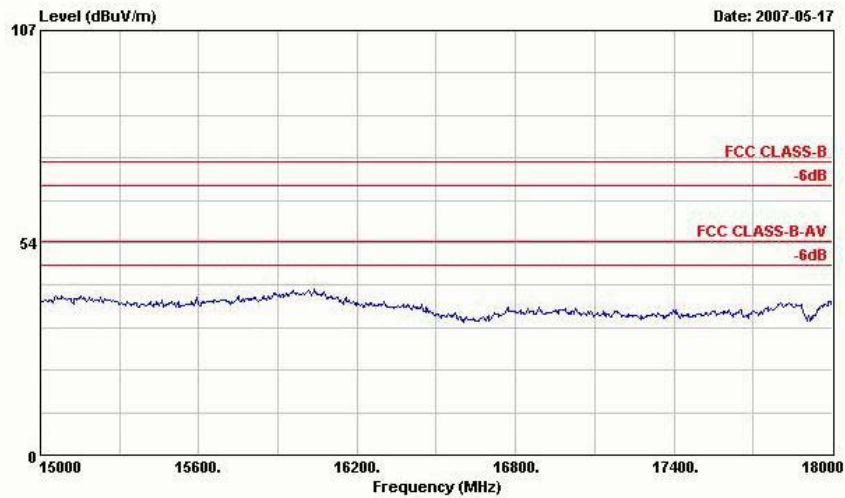
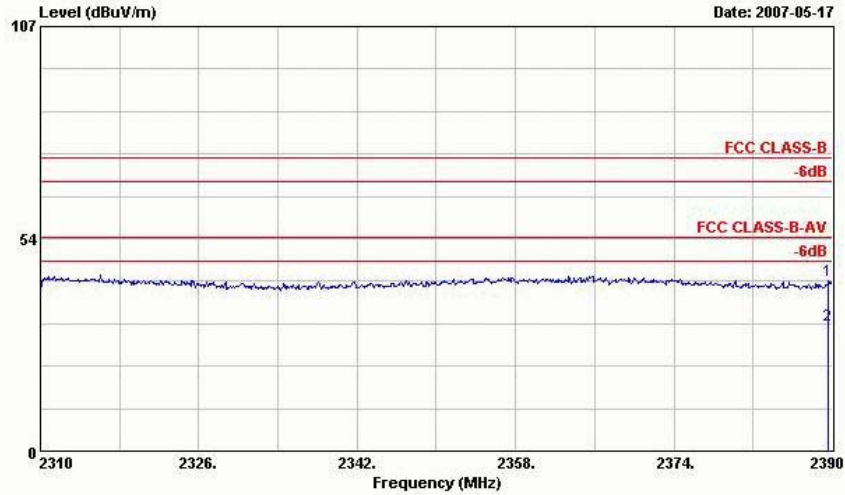


Site : 03CH04-HY
Condition: FCC CLASS-B 3m ACTIVE HORN HORIZONTAL
EUT : PDA Phone
POWER : 120Vac/60Hz
MODEL : FR 742004-01
MODE : BT Tx_Ch00;2402MHz
Data Rate: DHS
Plane : E1



Site : 03CH04-HY
Condition: FCC CLASS-B 3m ACTIVE HORN HORIZONTAL
EUT : PDA Phone
POWER : 120Vac/60Hz
MODEL : FR 742004-01
MODE : BT Tx_Ch00;2402MHz
Data Rate: DHS
Plane : E1



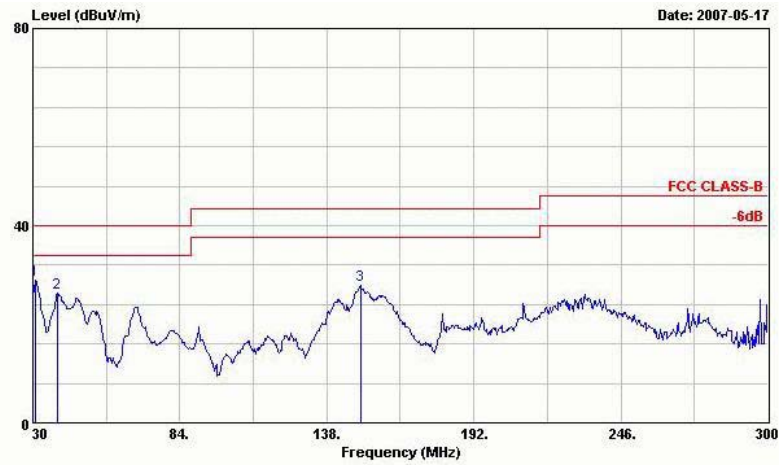
Site : 03CH04-HY
 Condition: FCC CLASS-B 3m HF-ANT HORIZONTAL
 EUT : PDA Phone
 POWER : 120Vac/60Hz
 MODEL : FR 742004-01
 MODE : BT Tx_Ch00;2402MHz
 Data Rate: DHS
 Plane : E1

	Freq MHz	Level dBuV/m	Over	Limit	ReadAntenna	Cable	Preamp	Ant	Table	Remark	
			Limit	Line	Level	Factor	Loss	Factor	Pos		Pos
			dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	2389.600	42.97	-31.03	74.00	42.42	30.59	3.74	33.78	---	---	Peak
2 @	2389.600	31.66	-22.34	54.00	31.11	30.59	3.74	33.78	100	208	Average



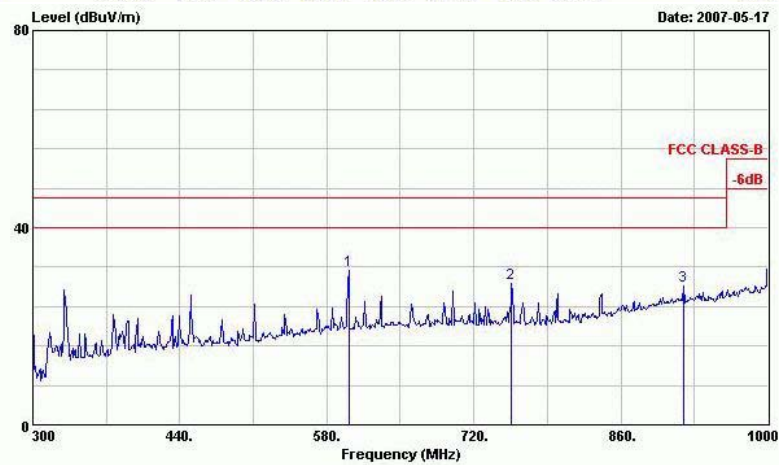
- Polarization : Vertical

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



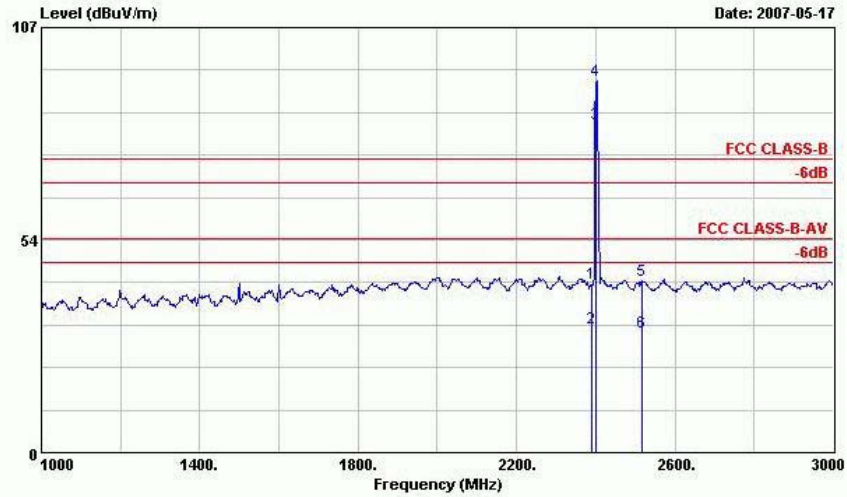
Site : 03CH04-HY
 Condition: FCC CLASS-B 3m ANT2724 VERTICAL
 EUT : PDA Phone
 POWER : 120Vac/60Hz
 MODEL : FR 742004-01
 MODE : BT Tx_Ch00;2402MHz
 Data Rate: DHS
 Plane : E1

	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	Ant	Table
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm deg
1 @	30.810	29.00	-11.00	40.00	44.93	16.36	0.64	32.93	104 315 Peak
2 @	39.180	26.23	-13.77	40.00	45.75	12.71	0.71	32.94	--- --- Peak
3 @	150.420	27.79	-15.71	43.50	48.54	10.77	1.42	32.94	--- --- Peak



Site : 03CH04-HY
 Condition: FCC CLASS-B 3m ANT2724 VERTICAL
 EUT : PDA Phone
 POWER : 120Vac/60Hz
 MODEL : FR 742004-01
 MODE : BT Tx_Ch00;2402MHz
 Data Rate: DHS
 Plane : E1

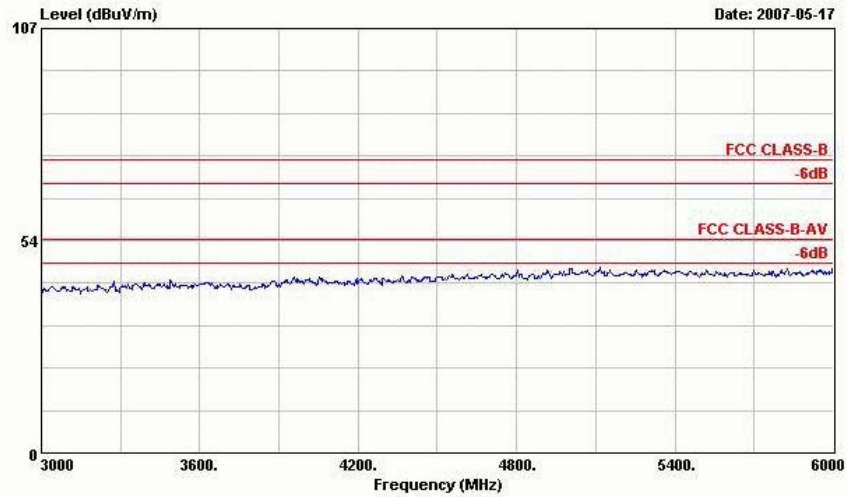
	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	Ant	Table
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm deg
1 @	601.000	31.31	-14.69	46.00	41.04	19.90	2.82	32.45	--- --- Peak
2 @	755.700	28.68	-17.32	46.00	37.19	19.98	3.21	31.70	--- --- Peak
3 @	920.200	28.15	-17.85	46.00	31.96	24.03	3.59	31.43	--- --- Peak



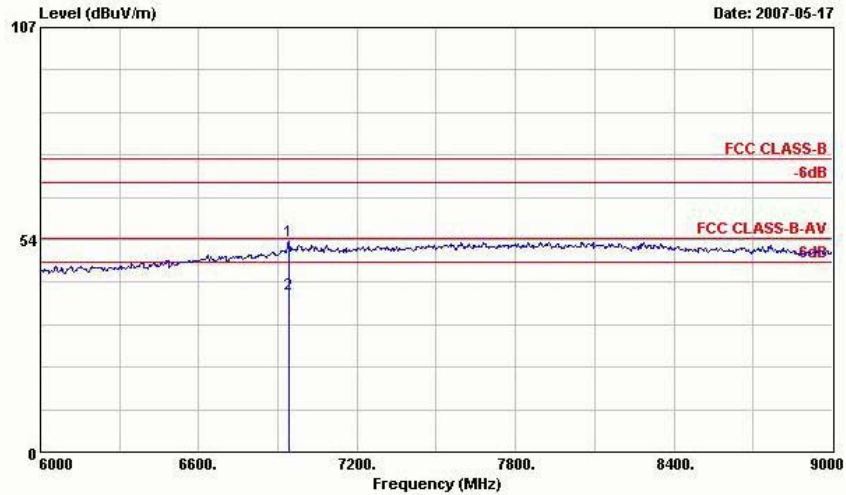
Site : 03CH04-HY
 Condition: FCC CLASS-B 3m HF-ANT VERTICAL
 EUT : PDA Phone
 POWER : 120Vac/60Hz
 MODEL : FR 742004-01
 MODE : BT Tx_Ch00;2402MHz
 Data Rate: DH5
 Plane : E1

	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	Ant	Table	
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1	2390.000	42.65	-31.35	74.00	42.11	30.59	3.74	33.78	100	0 Peak
2	2390.000	31.29	-22.71	54.00	30.75	30.59	3.74	33.78	100	247 Average
3 @	2402.000	82.79			82.25	30.59	3.74	33.78	100	247 Average
4 @	2402.000	93.61			93.10	30.56	3.74	33.78	100	0 Peak
5	2516.000	43.30	-30.70	74.00	42.85	30.38	3.86	33.80	100	0 Peak
6	2516.000	30.44	-23.56	54.00	29.99	30.38	3.86	33.80	100	247 Average

Remark: #3 and #4 Fundamental Signal

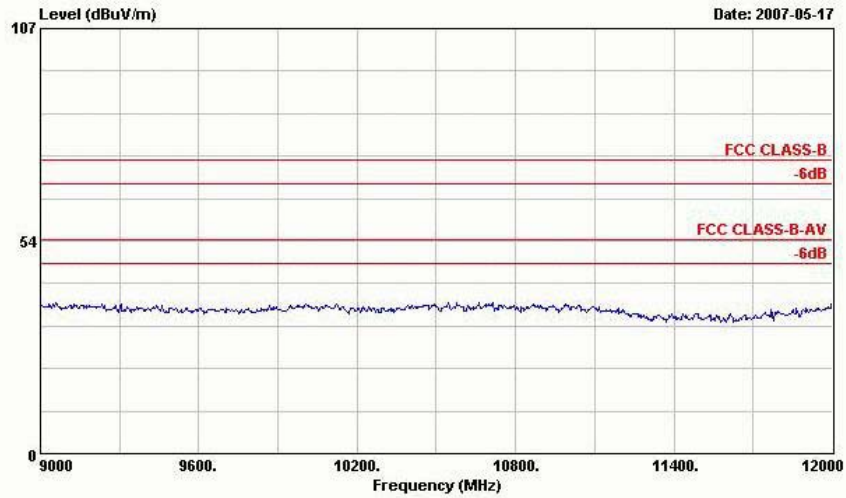


Site : 03CH04-HY
 Condition: FCC CLASS-B 3m HF-ANT VERTICAL
 EUT : PDA Phone
 POWER : 120Vac/60Hz
 MODEL : FR 742004-01
 MODE : BT Tx_Ch00;2402MHz
 Data Rate: DH5
 Plane : E1

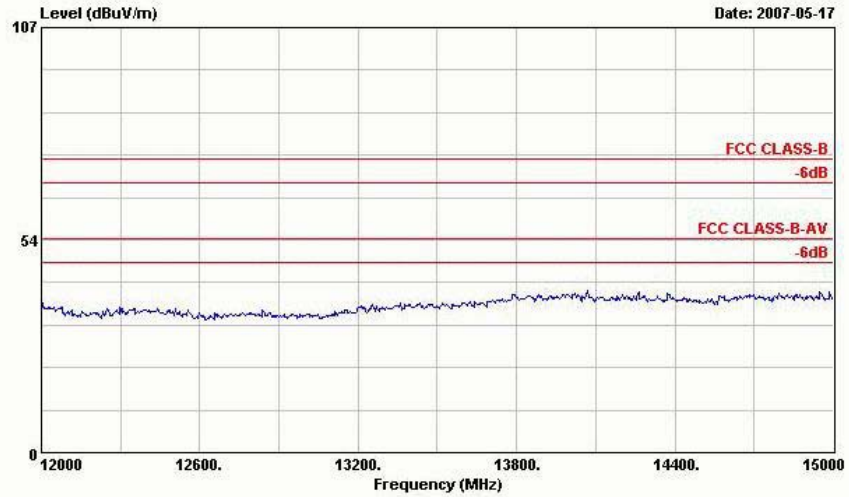


Site : 03CH04-HY
 Condition: FCC CLASS-B 3m HF-ANT VERTICAL
 EUT : PDA Phone
 POWER : 120Vac/60Hz
 MODEL : FR 742004-01
 MODE : BT Tx_Ch00;2402MHz
 Data Rate: DHS
 Plane : E1

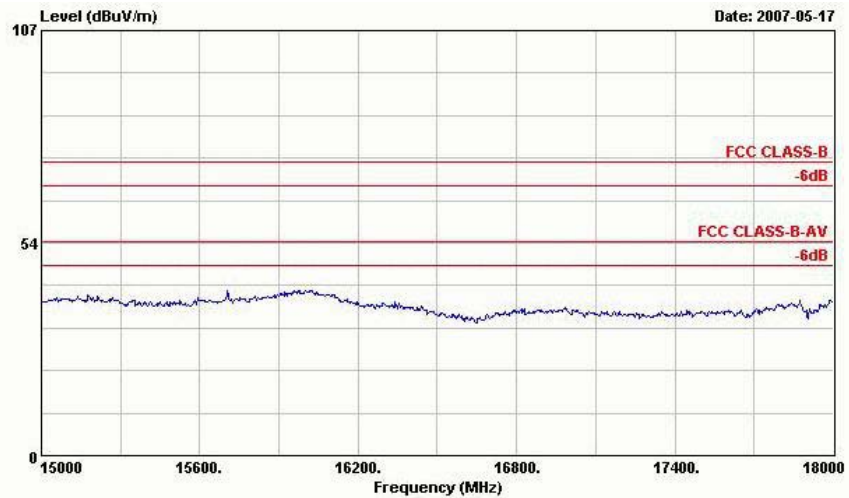
	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Cable Loss	Preamp Loss	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	cm	deg	
1 @	6942.000	53.28	-20.72	74.00	42.08	37.40	6.34	32.54	100	0 Peak
2 @	6942.000	39.64	-14.36	54.00	28.44	37.40	6.34	32.54	100	36 Average



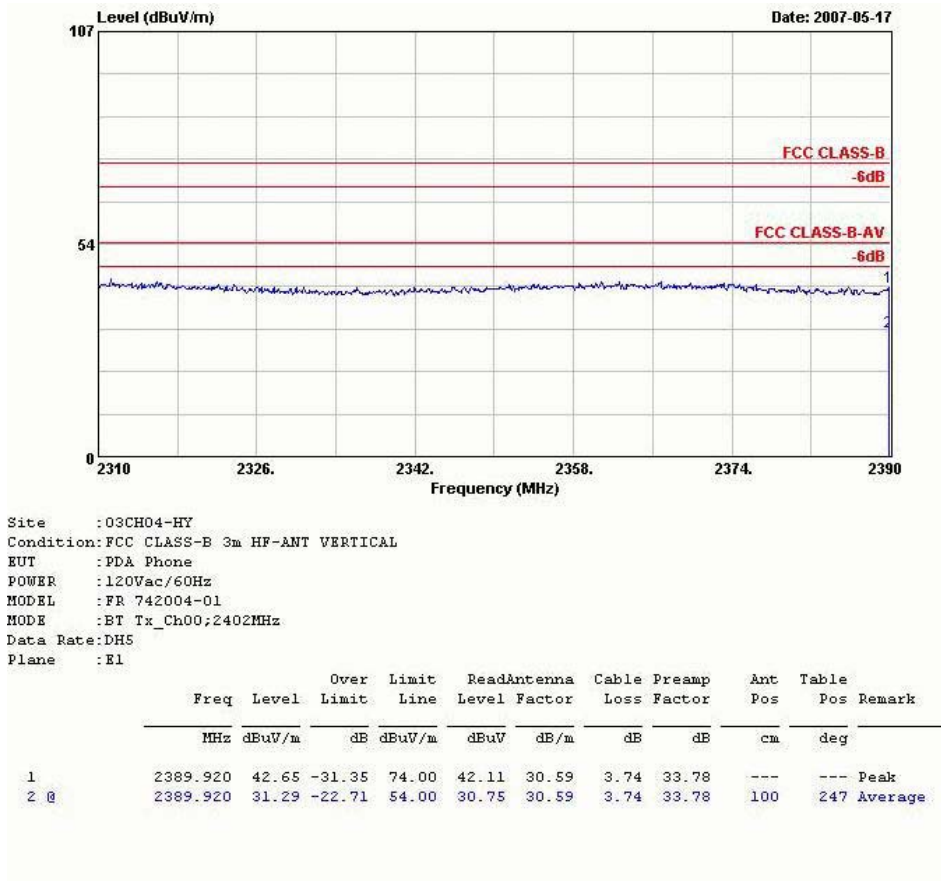
Site : 03CH04-HY
 Condition: FCC CLASS-B 3m ACTIVE HORN VERTICAL
 EUT : PDA Phone
 POWER : 120Vac/60Hz
 MODEL : FR 742004-01
 MODE : BT Tx_Ch00;2402MHz
 Data Rate: DHS
 Plane : E1



Site : 03CH04-HY
Condition: FCC CLASS-B 3m ACTIVE HORN VERTICAL
EUT : PDA Phone
POWER : 120Vac/60Hz
MODEL : FR 742004-01
MODE : BT Tx_Ch00;2402MHz
Data Rate: DHS
Plane : E1



Site : 03CH04-HY
Condition: FCC CLASS-B 3m ACTIVE HORN VERTICAL
EUT : PDA Phone
POWER : 120Vac/60Hz
MODEL : FR 742004-01
MODE : BT Tx_Ch00;2402MHz
Data Rate: DHS
Plane : E1

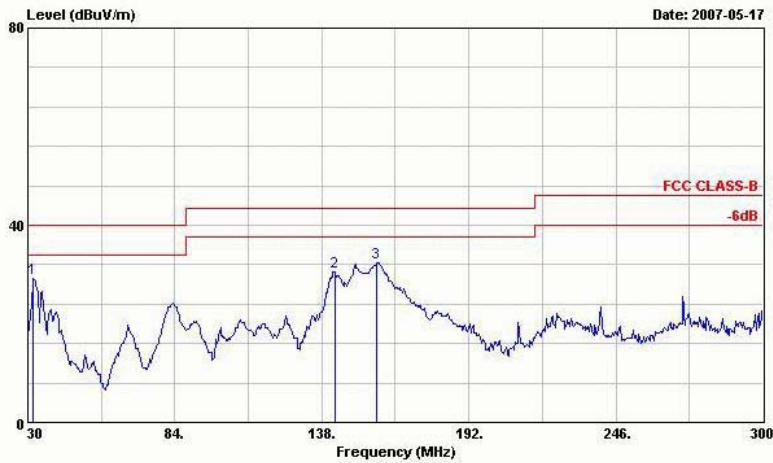


Remark : Frequency from 18GHz to 25GHz, the emission emitted by the EUT is too low to be measured.



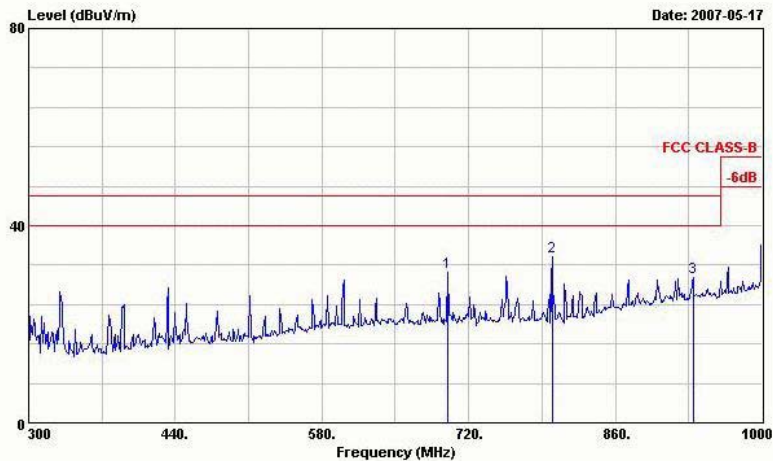
- Test Mode : Mode 8
- Polarization : Horizontal

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



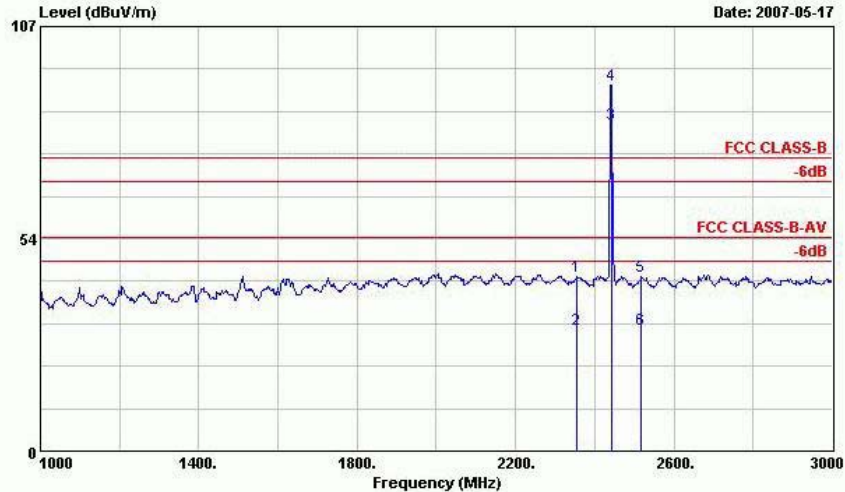
Site : 03CH04-HY
 Condition: FCC CLASS-B 3m ANT2724 HORIZONTAL
 EUT : PDA Phone
 POWER : 120Vac/60Hz
 MODEL : FR 742004-01
 MODE : BT Tx_Ch39;2441MHz
 Data Rate: DH5
 Plane : E1

	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	Ant	Table	
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1 @	31.890	29.23	-10.77	40.00	45.21	16.34	0.65	32.98	112	96 Peak
2	142.860	30.64	-12.86	43.50	51.51	10.63	1.40	32.90	---	---
3	158.250	32.31	-11.19	43.50	54.33	9.51	1.44	32.98	---	---



Site : 03CH04-HY
 Condition: FCC CLASS-B 3m ANT2724 HORIZONTAL
 EUT : PDA Phone
 POWER : 120Vac/60Hz
 MODEL : FR 742004-01
 MODE : BT Tx_Ch39;2441MHz
 Data Rate: DH5
 Plane : E1

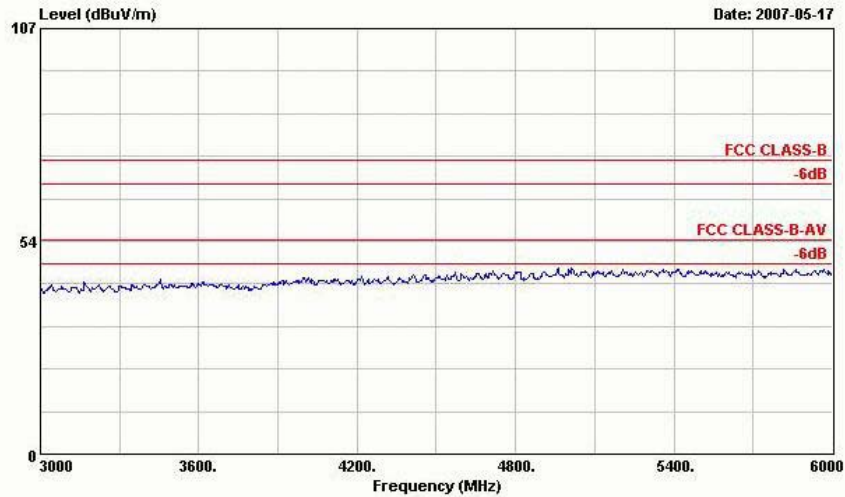
	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	Ant	Table	
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1	699.700	30.53	-15.47	46.00	39.32	20.14	3.14	32.07	---	---
2	799.800	33.76	-12.24	46.00	42.38	19.85	3.24	31.71	---	---
3	934.200	29.37	-16.63	46.00	32.84	24.37	3.58	31.42	---	---



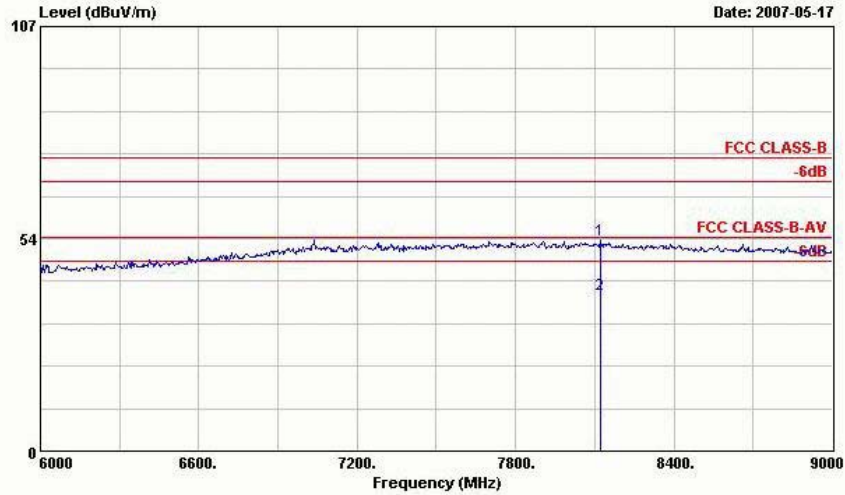
Site : 03CH04-HY
 Condition: FCC CLASS-B 3m HF-ANT HORIZONTAL
 EUT : PDA Phone
 POWER : 120Vac/60Hz
 MODEL : FR 742004-01
 MODE : BT Tx_Ch39;2441MHz
 Data Rate: DHS
 Plane : E1

	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	Ant	Table	
	MHz	dBuV/m	Limit	Line	Level	Factor	Loss	Factor	Pos	Pos
			dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1	2356.000	44.02	-29.98	74.00	43.45	30.65	3.69	33.77	100	0
2	2356.000	30.69	-23.31	54.00	30.12	30.65	3.69	33.77	100	202
3 @	2441.000	82.21			81.72	30.49	3.79	33.79	100	202
4 @	2441.000	92.32			91.82	30.49	3.79	33.79	100	0
5	2518.000	43.92	-30.08	74.00	43.50	30.38	3.86	33.82	100	0
6	2518.000	30.56	-23.44	54.00	30.14	30.38	3.86	33.82	100	202

Remark: #3 and #4 Fundamental Signal

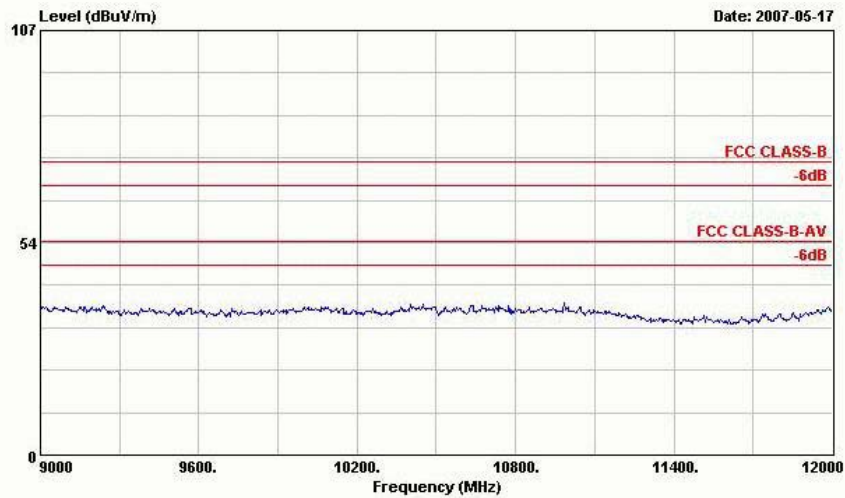


Site : 03CH04-HY
 Condition: FCC CLASS-B 3m HF-ANT HORIZONTAL
 EUT : PDA Phone
 POWER : 120Vac/60Hz
 MODEL : FR 742004-01
 MODE : BT Tx_Ch39;2441MHz
 Data Rate: DHS
 Plane : E1

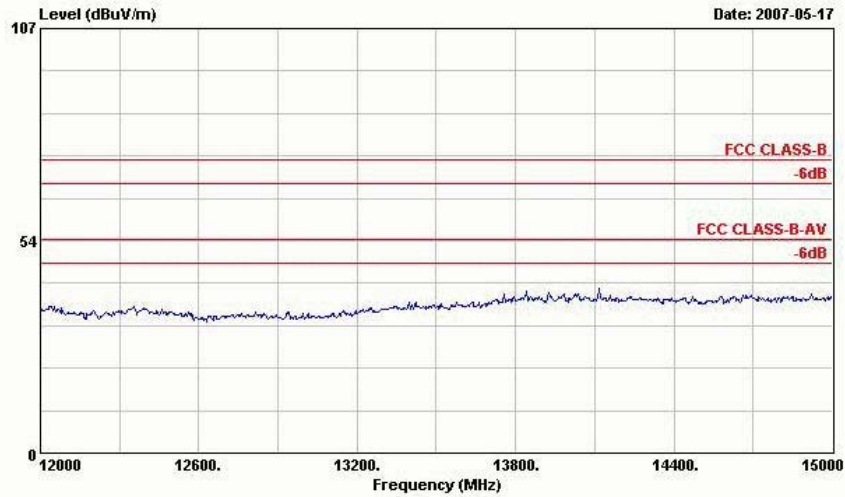


Site : 03CH04-HY
 Condition: FCC CLASS-B 3m HF-ANT HORIZONTAL
 EUT : PDA Phone
 POWER : 120Vac/60Hz
 MODEL : FR 742004-01
 MODE : BT Tx_Ch39;2441MHz
 Data Rate: DHS
 Plane : E1

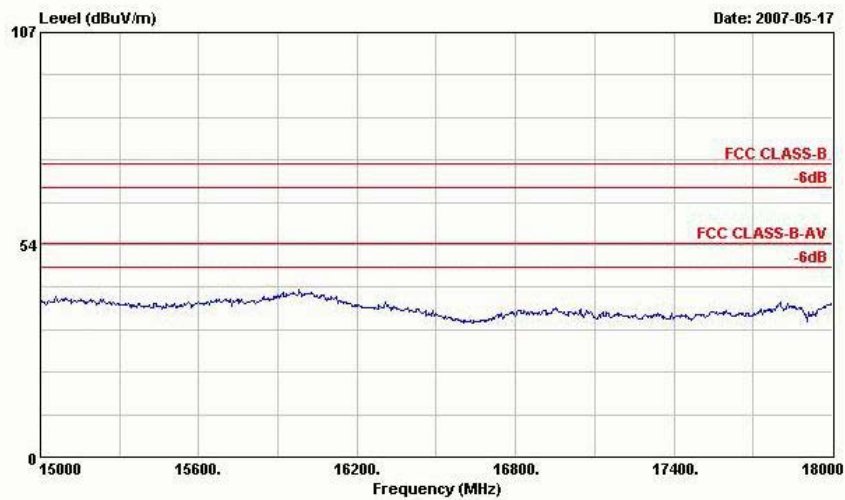
	Freq MHz	Level dBuV/m	Over Limit dB	Limit Line dBuV/m	ReadAntenna		Cable Loss dB	Preamp Factor dB	Ant Pos cm	Table Pos deg	Remark
					Level dBuV	Factor dB/m					
1	8121.000	53.20	-20.80	74.00	40.69	39.45	6.82	33.77	100	0	Peak
2	8121.000	39.43	-14.57	54.00	26.92	39.45	6.82	33.77	100	12	Average



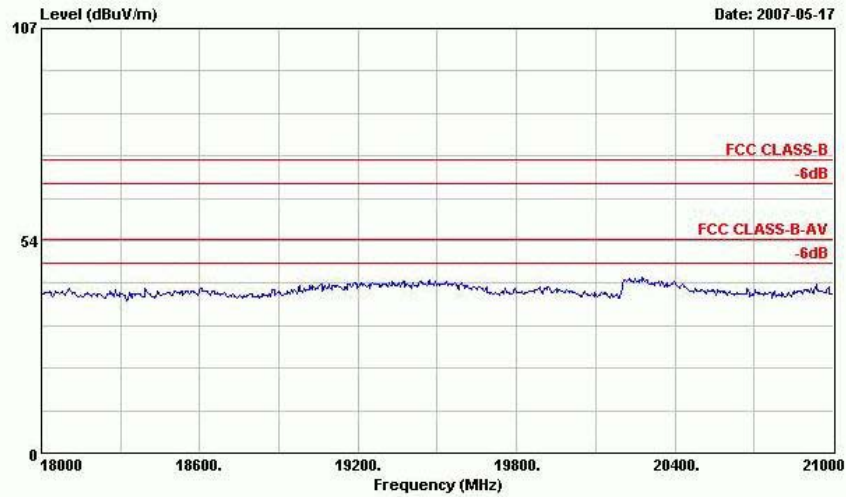
Site : 03CH04-HY
 Condition: FCC CLASS-B 3m ACTIVE HORN HORIZONTAL
 EUT : PDA Phone
 POWER : 120Vac/60Hz
 MODEL : FR 742004-01
 MODE : BT Tx_Ch39;2441MHz
 Data Rate: DHS
 Plane : E1



Site : 03CH04-HY
Condition: FCC CLASS-B 3m ACTIVE HORN HORIZONTAL
EUT : PDA Phone
POWER : 120Vac/60Hz
MODEL : FR 742004-01
MODE : BT Tx_Ch39;2441MHz
Data Rate: DHS
Plane : E1



Site : 03CH04-HY
Condition: FCC CLASS-B 3m ACTIVE HORN HORIZONTAL
EUT : PDA Phone
POWER : 120Vac/60Hz
MODEL : FR 742004-01
MODE : BT Tx_Ch39;2441MHz
Data Rate: DHS
Plane : E1



Site : 03CH04-HY
Condition: FCC CLASS-B 3m SHF-EHF HORN HORIZONTAL
EUT : PDA Phone
POWER : 120Vac/60Hz
MODEL : FR 742004-01
MODE : BT Tx_Ch39;2441MHz
Data Rate: DHS
Plane : E1

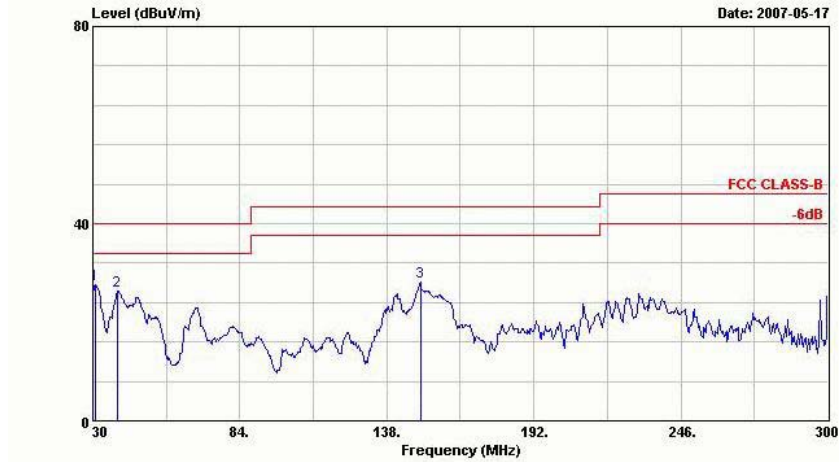


Site : 03CH04-HY
Condition: FCC CLASS-B 3m SHF-EHF HORN HORIZONTAL
EUT : PDA Phone
POWER : 120Vac/60Hz
MODEL : FR 742004-01
MODE : BT Tx_Ch39;2441MHz
Data Rate: DHS
Plane : E1



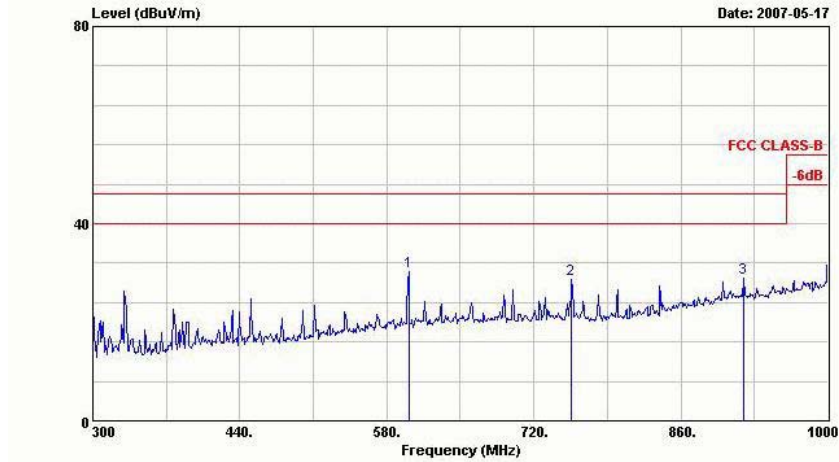
- Polarization : Vertical

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



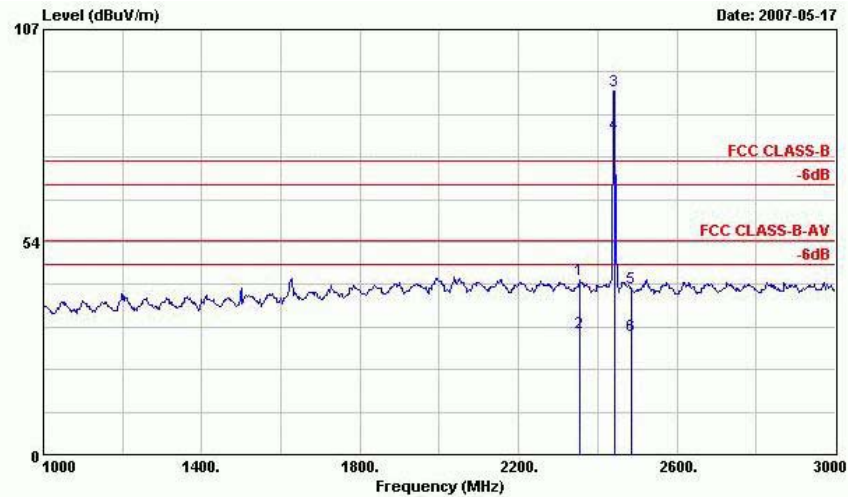
Site : 03CH04-HY
 Condition: FCC CLASS-B 3m ANT2724 VERTICAL
 EUT : PDA Phone
 POWER : 120Vac/60Hz
 MODEL : FR 742004-01
 MODE : BT Tx_Ch39;2441MHz
 Data Rate: DHS
 Plane : E1

	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	Ant	Table	
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1	30.810	27.56	-12.44	40.00	43.49	16.36	0.64	32.93	100	85 Peak
2	39.180	26.35	-13.65	40.00	45.87	12.71	0.71	32.94	---	---
3	150.420	28.14	-15.36	43.50	48.89	10.77	1.42	32.94	---	---



Site : 03CH04-HY
 Condition: FCC CLASS-B 3m ANT2724 VERTICAL
 EUT : PDA Phone
 POWER : 120Vac/60Hz
 MODEL : FR 742004-01
 MODE : BT Tx_Ch39;2441MHz
 Data Rate: DHS
 Plane : E1

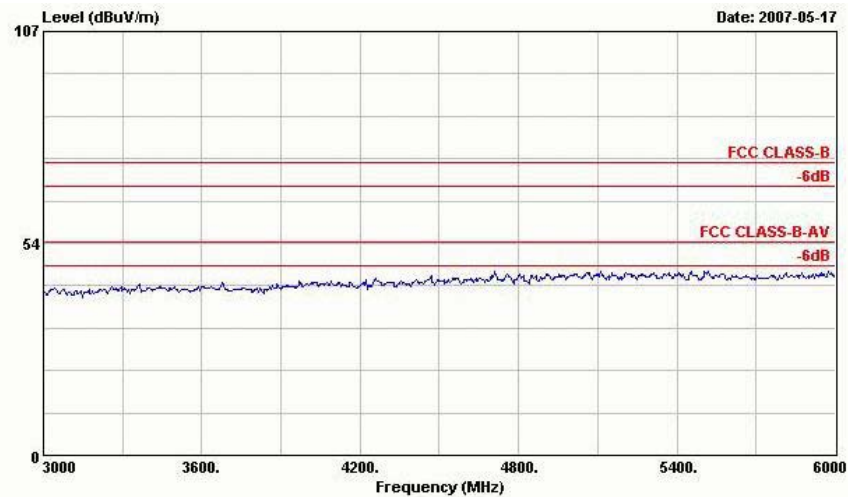
	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	Ant	Table	
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1	601.000	30.26	-15.74	46.00	39.99	19.90	2.82	32.45	---	---
2	755.700	28.71	-17.29	46.00	37.22	19.98	3.21	31.70	---	---
3	920.200	28.83	-17.17	46.00	32.64	24.03	3.59	31.43	---	---



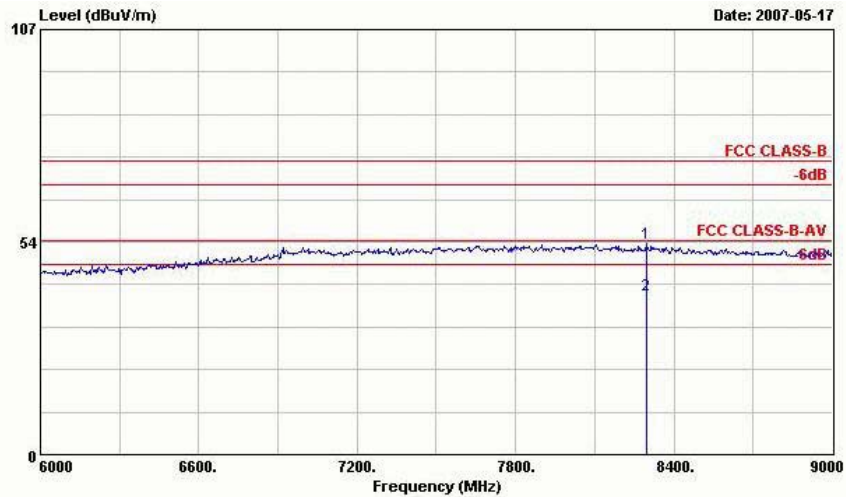
Site : 03CH04-HY
 Condition: FCC CLASS-B 3m HF-ANT VERTICAL
 EUT : PDA Phone
 POWER : 120Vac/60Hz
 MODEL : FR 742004-01
 MODE : BT Tx_Ch39;2441MHz
 Data Rate: DH5
 Plane : E1

	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	Ant	Table	
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1	2356.000	44.03	-29.97	74.00	43.46	30.65	3.69	33.77	100	0 Peak
2	2356.000	30.64	-23.36	54.00	30.07	30.65	3.69	33.77	100	227 Average
3 @	2441.000	91.44			90.94	30.49	3.79	33.79	100	0 Peak
4 @	2441.000	80.64			80.15	30.49	3.79	33.79	100	227 Average
5	2484.000	41.77	-32.23	74.00	41.30	30.43	3.84	33.80	100	0 Peak
6	2484.000	29.81	-24.19	54.00	29.34	30.43	3.84	33.80	100	227 Average

Remark: #3 and #4 Fundamental Signal

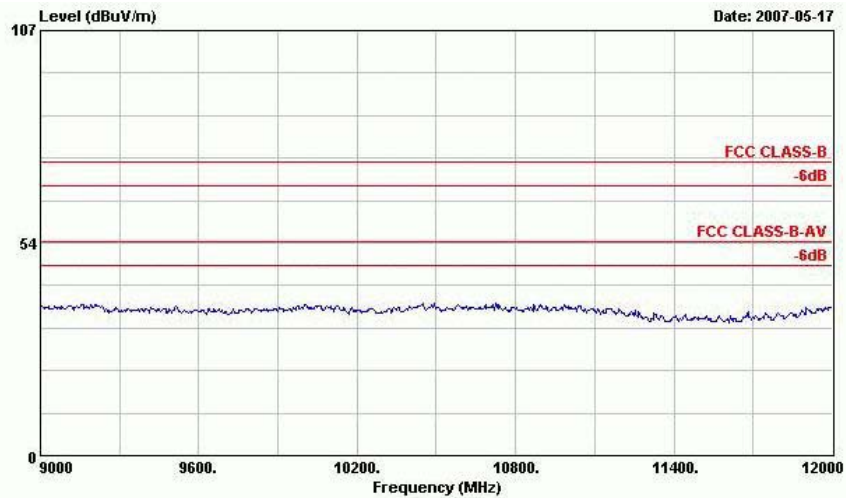


Site : 03CH04-HY
 Condition: FCC CLASS-B 3m HF-ANT VERTICAL
 EUT : PDA Phone
 POWER : 120Vac/60Hz
 MODEL : FR 742004-01
 MODE : BT Tx_Ch39;2441MHz
 Data Rate: DH5
 Plane : E1

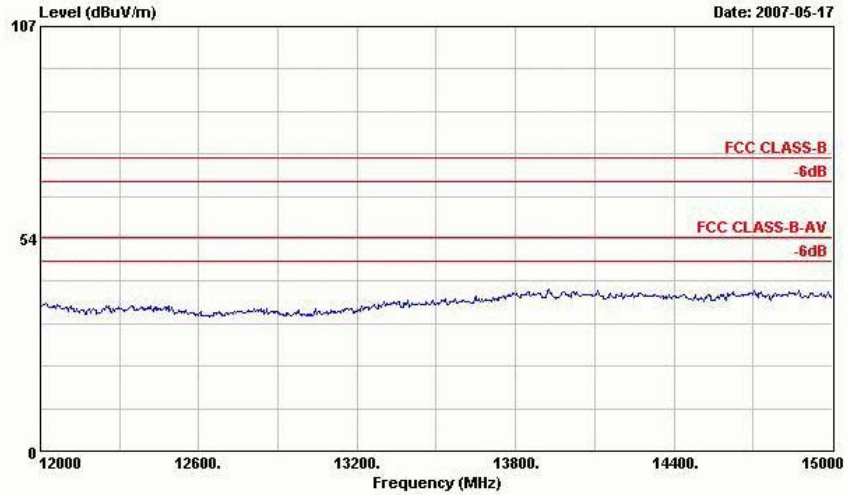


Site : 03CH04-HY
 Condition: FCC CLASS-B 3m HF-ANT VERTICAL
 EUT : PDA Phone
 POWER : 120Vac/60Hz
 MODEL : FR 742004-01
 MODE : BT Tx_Ch39;2441MHz
 Data Rate: DHS
 Plane : E1

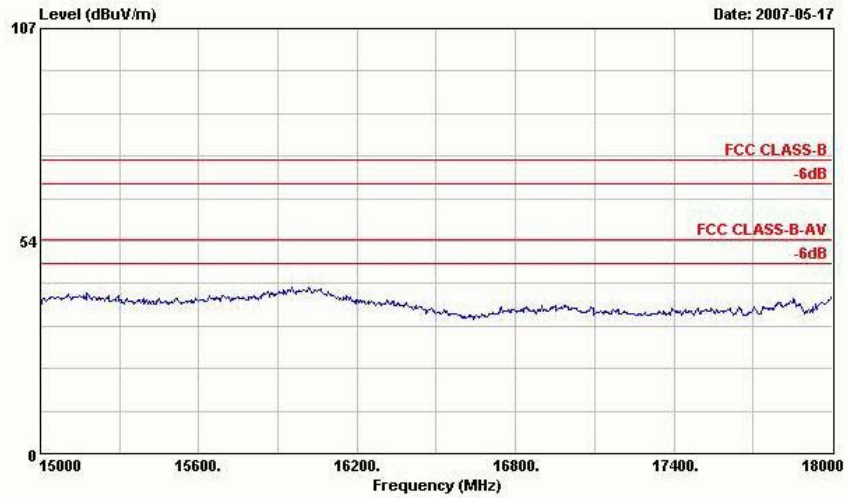
	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	Ant	Table	
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1	8298.000	53.09	-20.91	74.00	40.86	39.38	6.91	34.06	100	0 Peak
2	8298.000	39.97	-14.03	54.00	27.74	39.38	6.91	34.06	100	247 Average



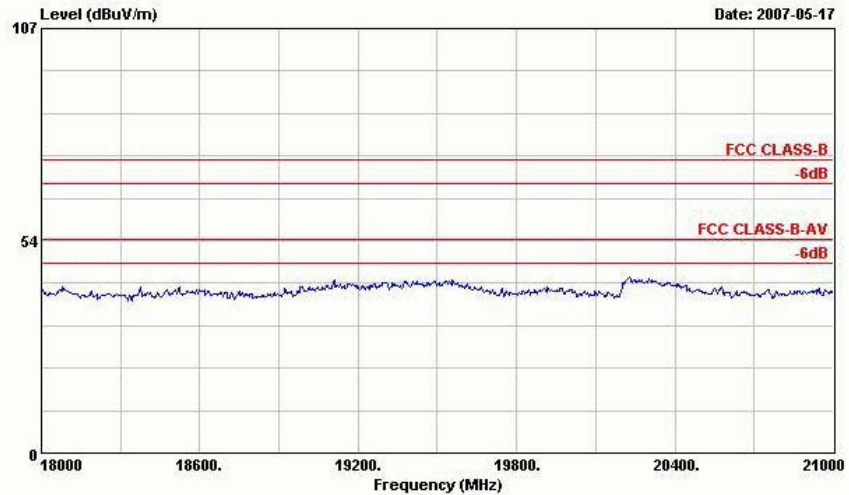
Site : 03CH04-HY
 Condition: FCC CLASS-B 3m ACTIVE HORN VERTICAL
 EUT : PDA Phone
 POWER : 120Vac/60Hz
 MODEL : FR 742004-01
 MODE : BT Tx_Ch39;2441MHz
 Data Rate: DHS
 Plane : E1



Site : 03CH04-HY
Condition: FCC CLASS-B 3m ACTIVE HORN VERTICAL
EUT : PDA Phone
POWER : 120Vac/60Hz
MODEL : FR 742004-01
MODE : BT Tx_Ch39;2441MHz
Data Rate: DHS
Plane : E1



Site : 03CH04-HY
Condition: FCC CLASS-B 3m ACTIVE HORN VERTICAL
EUT : PDA Phone
POWER : 120Vac/60Hz
MODEL : FR 742004-01
MODE : BT Tx_Ch39;2441MHz
Data Rate: DHS
Plane : E1



Site : 03CH04-HY
Condition: FCC CLASS-B 3m SHF-EHF HORN VERTICAL
EUT : PDA Phone
POWER : 120Vac/60Hz
MODEL : FR 742004-01
MODE : BT Tx_Ch39;2441MHz
Data Rate: DHS
Plane : E1

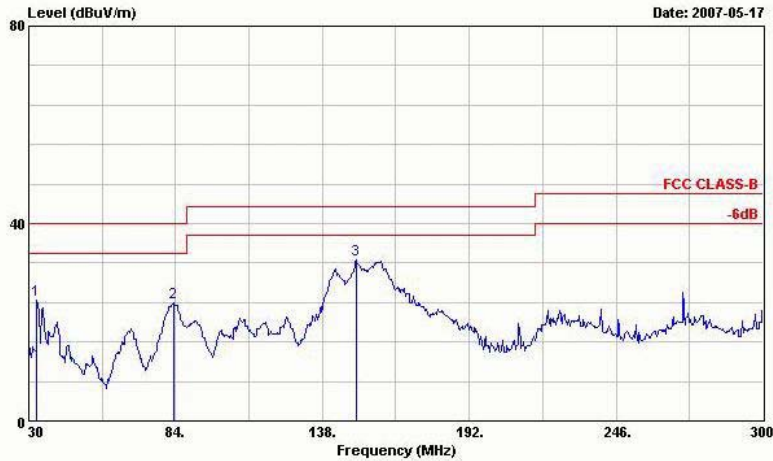


Site : 03CH04-HY
Condition: FCC CLASS-B 3m SHF-EHF HORN VERTICAL
EUT : PDA Phone
POWER : 120Vac/60Hz
MODEL : FR 742004-01
MODE : BT Tx_Ch39;2441MHz
Data Rate: DHS
Plane : E1



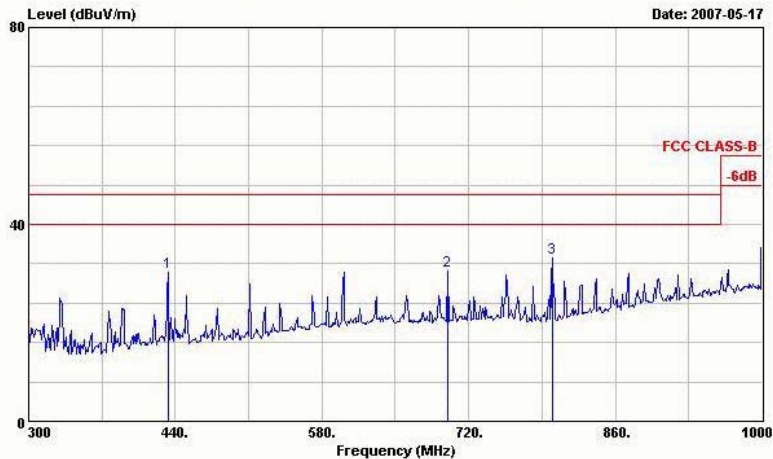
- Test Mode : Mode 9
- Polarization : Horizontal

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



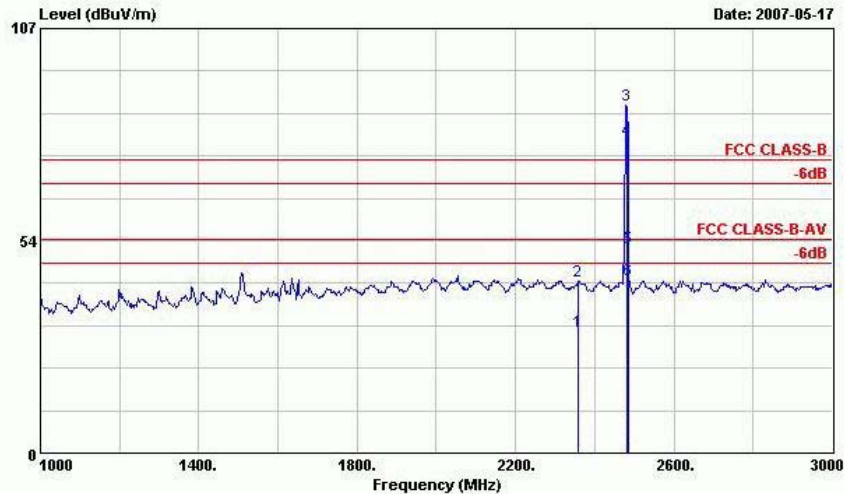
Site : 03CH04-HY
 Condition: FCC CLASS-B 3m ANT2724 HORIZONTAL
 EUT : PDA Phone
 POWER : 120Vac/60Hz
 MODEL : FR 742004-01
 MODE : BT Tx_Ch78;2480MHz
 Data Rate: DH5
 Plane : E1

	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	Ant	Table	
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1	32.970	24.42	-15.58	40.00	40.45	16.33	0.66	33.02	---	---
2	83.460	23.84	-16.16	40.00	48.42	7.17	1.06	32.81	---	---
3	150.420	32.66	-10.84	43.50	53.41	10.77	1.42	32.94	111	241



Site : 03CH04-HY
 Condition: FCC CLASS-B 3m ANT2724 HORIZONTAL
 EUT : PDA Phone
 POWER : 120Vac/60Hz
 MODEL : FR 742004-01
 MODE : BT Tx_Ch78;2480MHz
 Data Rate: DH5
 Plane : E1

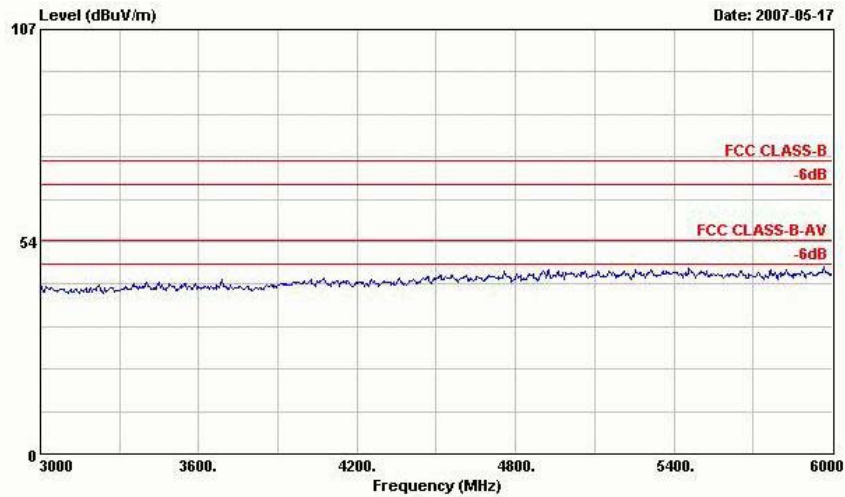
	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	Ant	Table	
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1	433.000	30.37	-15.63	46.00	44.58	16.13	2.43	32.78	---	---
2	699.700	30.56	-15.44	46.00	39.35	20.14	3.14	32.07	---	---
3	799.800	33.27	-12.73	46.00	41.89	19.85	3.24	31.71	---	---



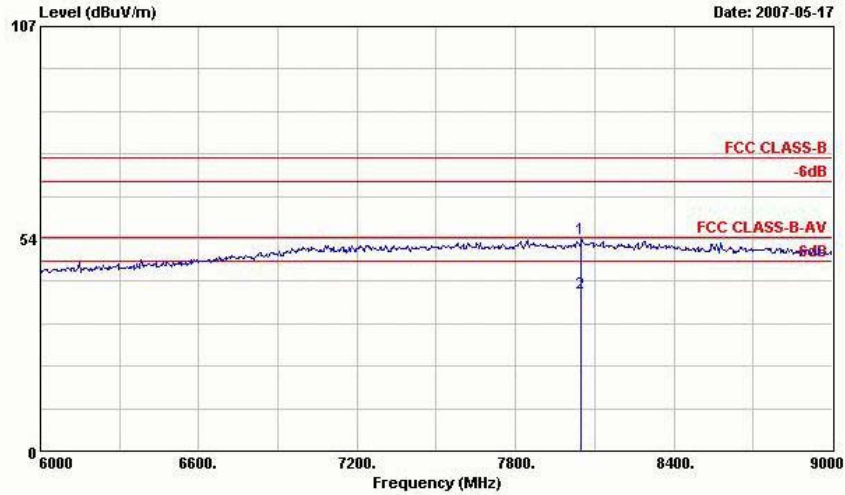
Site : 03CH04-HY
 Condition: FCC CLASS-B 3m HF-ANT HORIZONTAL
 EUT : PDA Phone
 POWER : 120Vac/60Hz
 MODEL : FR 742004-01
 MODE : BT Tx_Ch78;2480MHz
 Data Rate: DHS
 Plane : E1

	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	Ant	Table	
	MHz	dBuV/m	Limit	Line	Level	Factor	Loss	Factor	Pos	Pos
			dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1	2358.000	30.72	-23.28	54.00	30.13	30.65	3.71	33.77	100	237
2	2358.000	43.45	-30.55	74.00	42.86	30.65	3.71	33.77	100	0
3 @	2480.000	87.72			87.25	30.43	3.84	33.80	100	0
4 @	2480.000	78.78			78.31	30.43	3.84	33.80	100	237
5	2483.500	51.76	-22.24	74.00	51.29	30.43	3.84	33.80	100	0
6 @	2483.500	43.79	-10.21	54.00	43.32	30.43	3.84	33.80	100	237

Remark: #3 and #4 Fundamental Signal

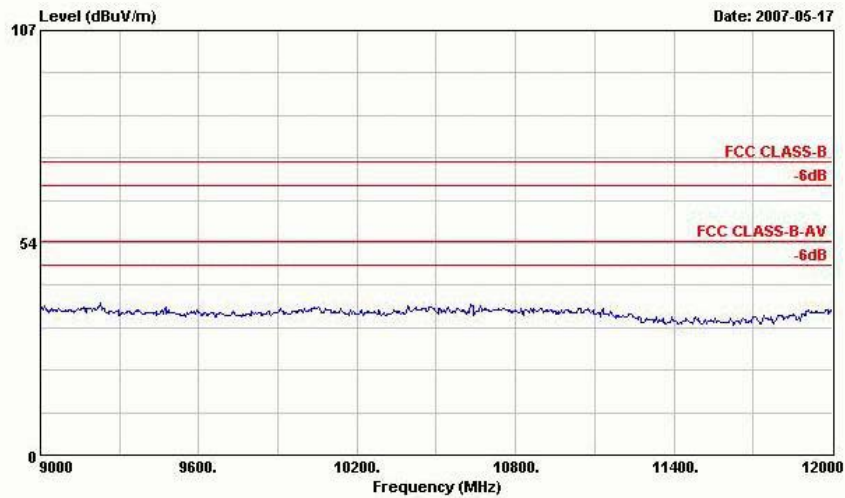


Site : 03CH04-HY
 Condition: FCC CLASS-B 3m HF-ANT HORIZONTAL
 EUT : PDA Phone
 POWER : 120Vac/60Hz
 MODEL : FR 742004-01
 MODE : BT Tx_Ch78;2480MHz
 Data Rate: DHS
 Plane : E1

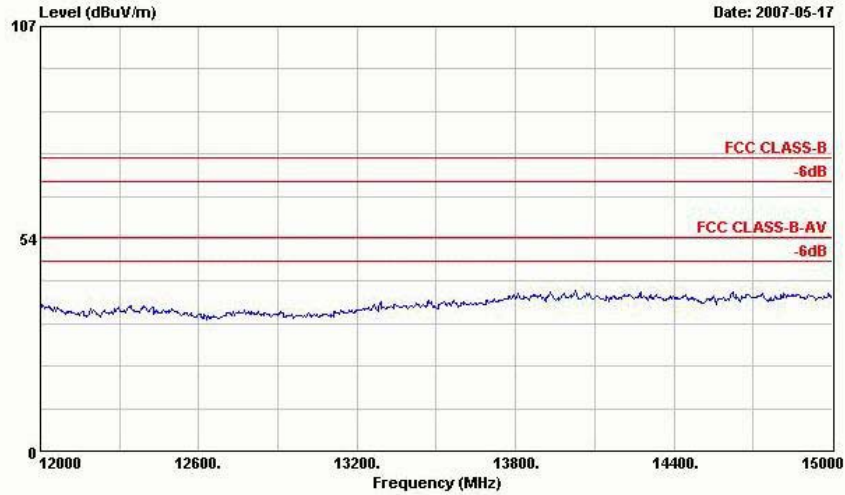


Site : 03CH04-HY
 Condition: FCC CLASS-B 3m HF-ANT HORIZONTAL
 EUT : PDA Phone
 POWER : 120Vac/60Hz
 MODEL : FR 742004-01
 MODE : BT Tx_Ch78;2480MHz
 Data Rate: DHS
 Plane : E1

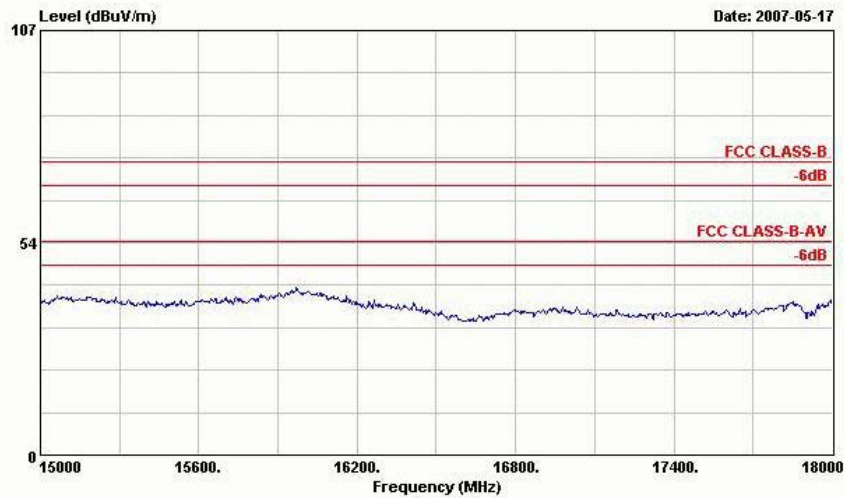
	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	Ant	Table	
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1	8049.000	53.67	-20.33	74.00	41.05	39.48	6.78	33.64	100	0 Peak
2	8049.000	39.92	-14.08	54.00	27.30	39.48	6.78	33.64	100	245 Average



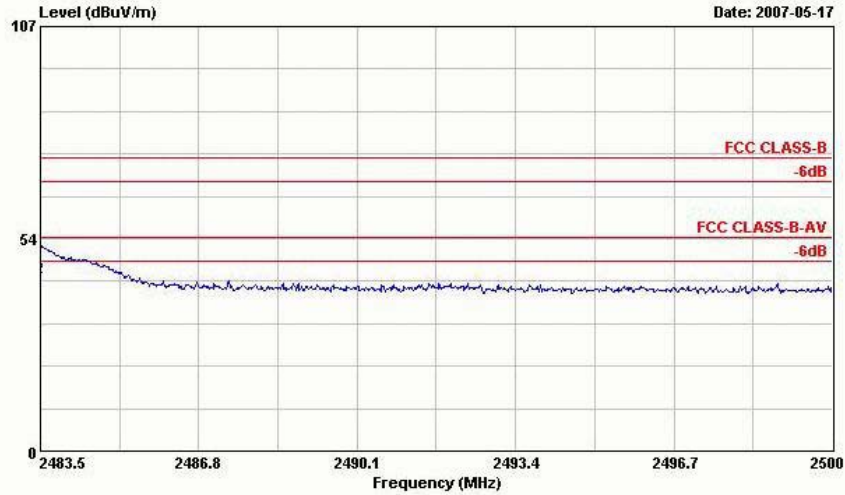
Site : 03CH04-HY
 Condition: FCC CLASS-B 3m ACTIVE HORN HORIZONTAL
 EUT : PDA Phone
 POWER : 120Vac/60Hz
 MODEL : FR 742004-01
 MODE : BT Tx_Ch78;2480MHz
 Data Rate: DHS
 Plane : E1



Site : 03CH04-HY
Condition: FCC CLASS-B 3m ACTIVE HORN HORIZONTAL
EUT : PDA Phone
POWER : 120Vac/60Hz
MODEL : FR 742004-01
MODE : BT Tx_Ch78;2480MHz
Data Rate: DHS
Plane : E1



Site : 03CH04-HY
Condition: FCC CLASS-B 3m ACTIVE HORN HORIZONTAL
EUT : PDA Phone
POWER : 120Vac/60Hz
MODEL : FR 742004-01
MODE : BT Tx_Ch78;2480MHz
Data Rate: DHS
Plane : E1



Site : 03CH04-HY
 Condition: FCC CLASS-B 3m HF-ANT HORIZONTAL
 EUT : PDA Phone
 POWER : 120Vac/60Hz
 MODEL : FR 742004-01
 MODE : BT Tx_Ch78;2480MHz
 Data Rate: DHS
 Plane : E1

	Freq	Level	Over	Limit	Limit	ReadAntenna	Cable	Preamp	Ant	Table	Table	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg		
1	2483.500	51.76	-22.24	74.00	51.29	30.43	3.84	33.80	100			0 Peak
2 @	2483.500	43.79	-10.21	54.00	43.32	30.43	3.84	33.80	100			237 Average



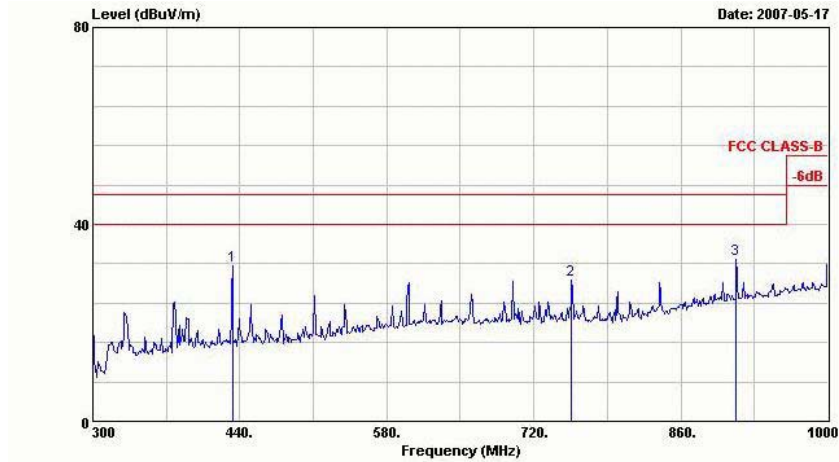
- Polarization : Vertical

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



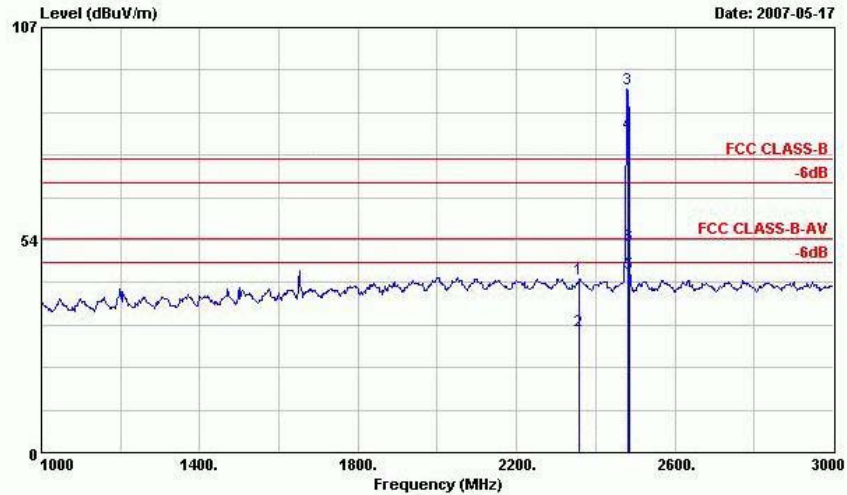
Site : 03CH04-HY
 Condition: FCC CLASS-B 3m ANT2724 VERTICAL
 EUT : PDA Phone
 POWER : 120Vac/60Hz
 MODEL : FR 742004-01
 MODE : BT Tx_Ch78;2480MHz
 Data Rate: DHS
 Plane : E1

Peak	Freq MHz	Level dBuV/m	Over dB	Limit dBuV/m	Line	ReadAntenna Level dBuV	Antenna Factor dB/m	Cable Loss dB	Preamp Factor dB	Ant Pos cm	Table Pos deg	Remark
1	39.180	25.92	-14.08	40.00		45.44	12.71	0.71	32.94	---	---	Peak
2	67.530	23.52	-16.48	40.00		50.22	5.18	0.91	32.78	---	---	Peak
3	150.420	27.90	-15.60	43.50		48.65	10.77	1.42	32.94	---	---	Peak



Site : 03CH04-HY
 Condition: FCC CLASS-B 3m ANT2724 VERTICAL
 EUT : PDA Phone
 POWER : 120Vac/60Hz
 MODEL : FR 742004-01
 MODE : BT Tx_Ch78;2480MHz
 Data Rate: DHS
 Plane : E1

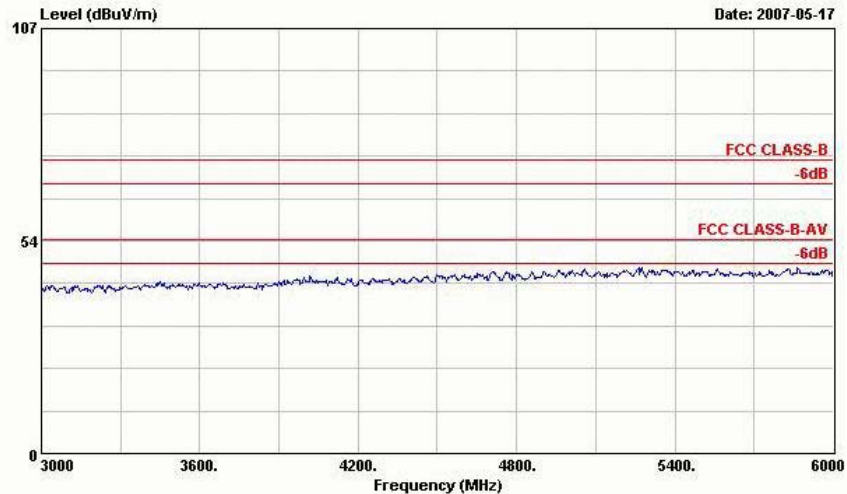
Peak	Freq MHz	Level dBuV/m	Over dB	Limit dBuV/m	Line	ReadAntenna Level dBuV	Antenna Factor dB/m	Cable Loss dB	Preamp Factor dB	Ant Pos cm	Table Pos deg	Remark
1	433.000	31.50	-14.50	46.00		45.71	16.13	2.43	32.78	---	---	Peak
2	755.700	28.81	-17.19	46.00		37.32	19.98	3.21	31.70	---	---	Peak
3	912.500	32.86	-13.14	46.00		36.86	23.83	3.59	31.43	105	337	Peak



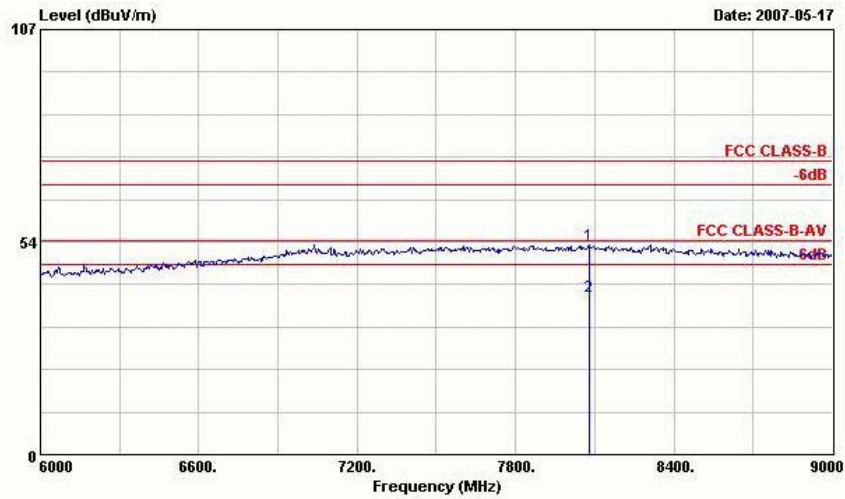
Site : 03CH04-HY
 Condition: FCC CLASS-B 3m HF-ANT VERTICAL
 EUT : PDA Phone
 POWER : 120Vac/60Hz
 MODEL : FR 742004-01
 MODE : BT Tx_Ch78;2480MHz
 Data Rate: DH5
 Plane : E1

	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	Ant	Table	
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1	2358.000	43.77	-30.23	74.00	43.18	30.65	3.71	33.77	100	0 Peak
2	2358.000	30.67	-23.33	54.00	30.08	30.65	3.71	33.77	100	216 Average
3 @	2480.000	91.37			90.90	30.43	3.84	33.80	100	0 Peak
4 @	2480.000	80.41			79.94	30.43	3.84	33.80	100	216 Average
5 @	2483.500	45.14	-8.86	54.00	44.67	30.43	3.84	33.80	100	216 Average
6	2483.500	52.23	-21.77	74.00	51.76	30.43	3.84	33.80	100	0 Peak

Remark: #3 and #4 Fundamental Signal

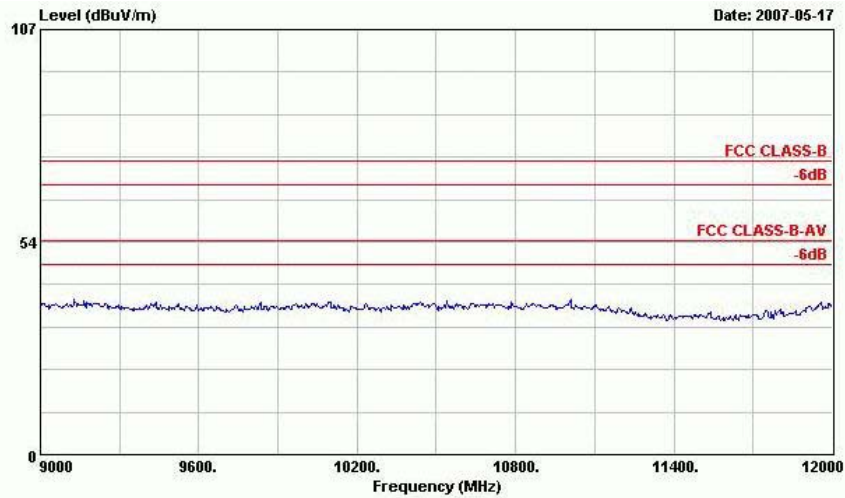


Site : 03CH04-HY
 Condition: FCC CLASS-B 3m HF-ANT VERTICAL
 EUT : PDA Phone
 POWER : 120Vac/60Hz
 MODEL : FR 742004-01
 MODE : BT Tx_Ch78;2480MHz
 Data Rate: DH5
 Plane : E1

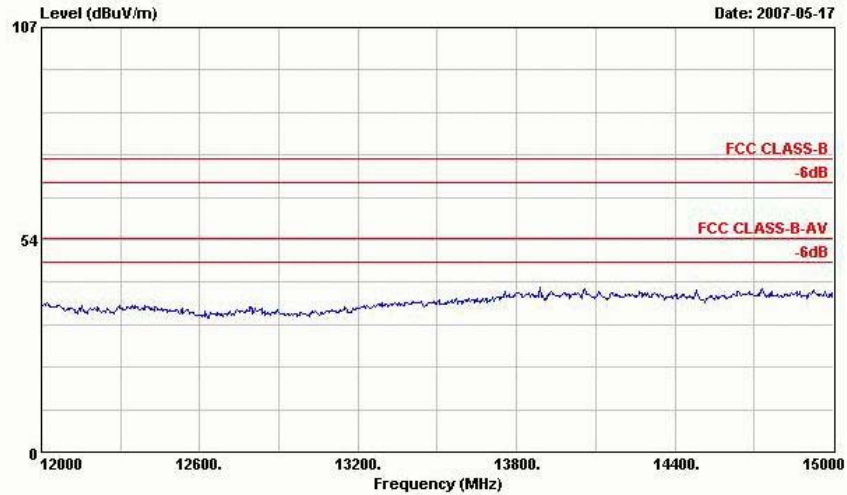


Site : 03CH04-HY
 Condition: FCC CLASS-B 3m HF-ANT VERTICAL
 EUT : PDA Phone
 POWER : 120Vac/60Hz
 MODEL : FR 742004-01
 MODE : BT Tx_Ch78;2480MHz
 Data Rate: DHS
 Plane : E1

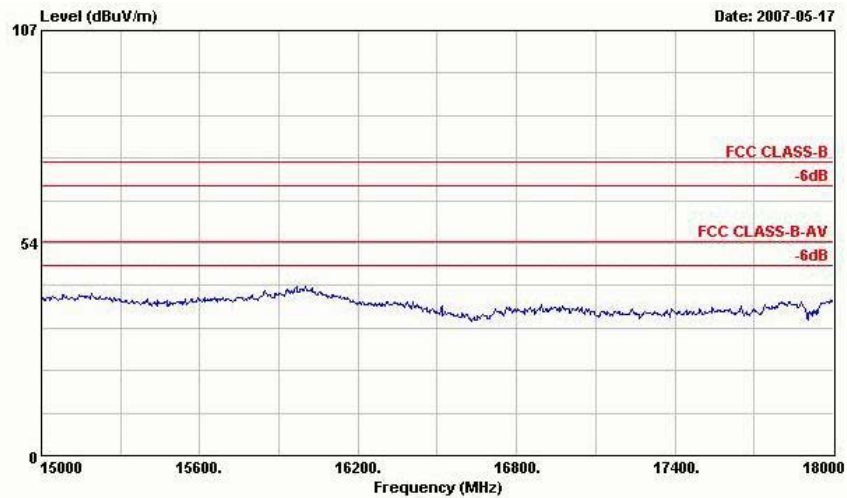
	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	Ant	Table	
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1	8082.000	52.97	-21.03	74.00	40.43	39.47	6.80	33.73	100	0 Peak
2	8082.000	39.76	-14.24	54.00	27.22	39.47	6.80	33.73	100	114 Average



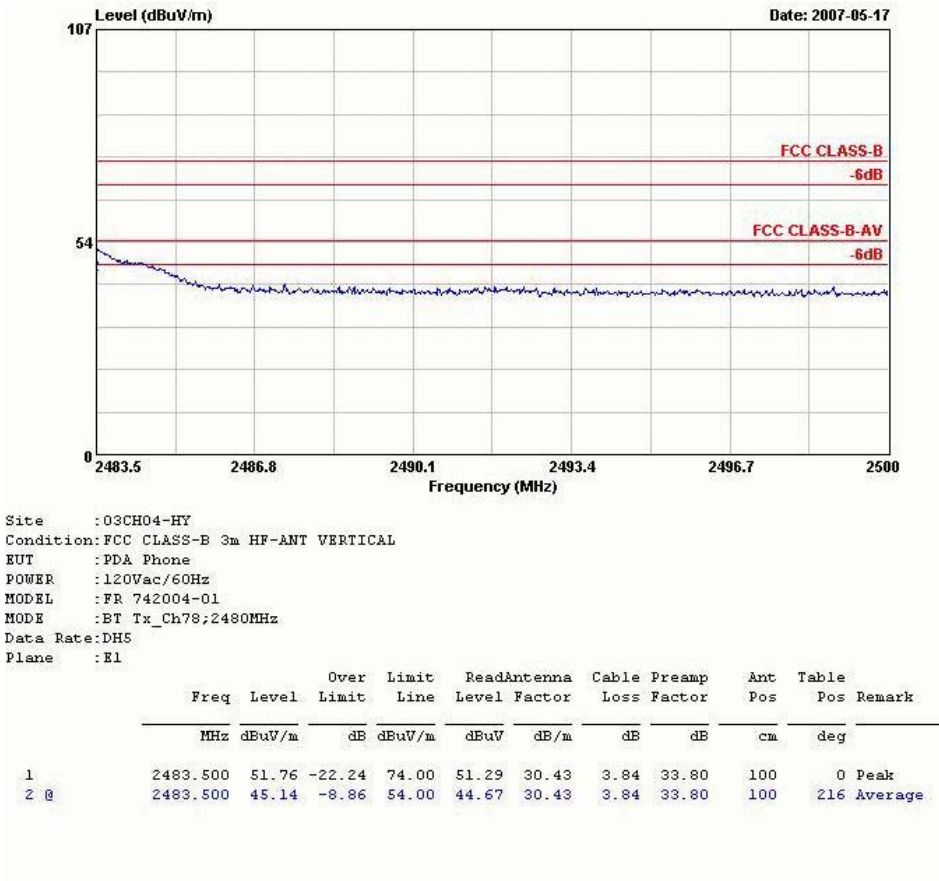
Site : 03CH04-HY
 Condition: FCC CLASS-B 3m ACTIVE HORN VERTICAL
 EUT : PDA Phone
 POWER : 120Vac/60Hz
 MODEL : FR 742004-01
 MODE : BT Tx_Ch78;2480MHz
 Data Rate: DHS
 Plane : E1



Site : 03CH04-HY
Condition: FCC CLASS-B 3m ACTIVE HORN VERTICAL
EUT : PDA Phone
POWER : 120Vac/60Hz
MODEL : FR 742004-01
MODE : BT Tx_Ch78;2480MHz
Data Rate: DHS
Plane : E1



Site : 03CH04-HY
Condition: FCC CLASS-B 3m ACTIVE HORN VERTICAL
EUT : PDA Phone
POWER : 120Vac/60Hz
MODEL : FR 742004-01
MODE : BT Tx_Ch78;2480MHz
Data Rate: DHS
Plane : E1



Remark : Frequency from 18GHz to 25GHz, the emission emitted by the EUT is too low to be measured.



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 PIFAs for both 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	100132	9kHz – 2.75GHz	Jul. 04, 2006	Jul. 04, 2007	Conduction (CO01-HY)
LISN	MessTec	NNB-2/16Z	2001/004	9kHz – 30MHz	Mar. 30, 2007	Mar. 30, 2008	Conduction (CO01-HY)
LISN (Support Unit)	MessTec	NNB-2/16Z	2001/009	9kHz – 30MHz	Mar. 30, 2007	Mar. 30, 2008	Conduction (CO01-HY)
EMI Filter	LINDGREN	LRE-2060	1004	< 450Hz	N/A	N/A	Conduction (CO01-HY)
EMI Filter	LINDGREN	N6006	201052	0 – 60Hz	N/A	N/A	Conduction (CO01-HY)
RF Cable-CON	Suhner Switzerland	RG223/U	CB029	9kHz – 30MHz	Dec. 04, 2006	Dec. 04, 2007	Conduction (CO01-HY)
Isolation Transformer	Erika Fiedler OHG	D-65396 Walluf	58	45MHz-2.15GHz	N/A	N/A	Conduction (CO01-HY)
3m Semi Anechoic	TDK	SAC-3M	03CH04-HY	30 MHz - 1 GHz 3m	Oct. 30, 2006	Oct. 30, 2007	Radiation (03CH04-HY)
Amplifier	Schaffner	CPA9231A	3564	9 kHz - 2 GHz	Aug. 31, 2006	Aug. 31, 2007	Radiation (03CH04-HY)
Spectrum Analyzer	R&S	FSP7	100641	9 kHz – 7GHz	Sep. 08, 2006	Sep. 08, 2007	Radiation (03CH04-HY)
Bilog Antenna	SCHAFFNER	CBL6112B	2724	30 MHz - 1 GHz	Aug. 14, 2006	Aug. 14, 2007	Radiation (03CH04-HY)
Turn Table	HD	Deis HD 2000	420/610	0 - 360 degree	N/A	N/A	Radiation (03CH04-HY)
Antenna Mast	Chaintek	3000		1 m - 4 m	N/A	N/A	Radiation (03CH04-HY)
RF Cable-R03m	Suhner Switzerland +	RG223/U +RG8/U	CB024	30 MHz - 1 GHz	Sep. 21, 2006	Sep. 21, 2007	Radiation (03CH04-HY)



7. Uncertainty Evaluation

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

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

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

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

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		$u(x_i)$	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				