

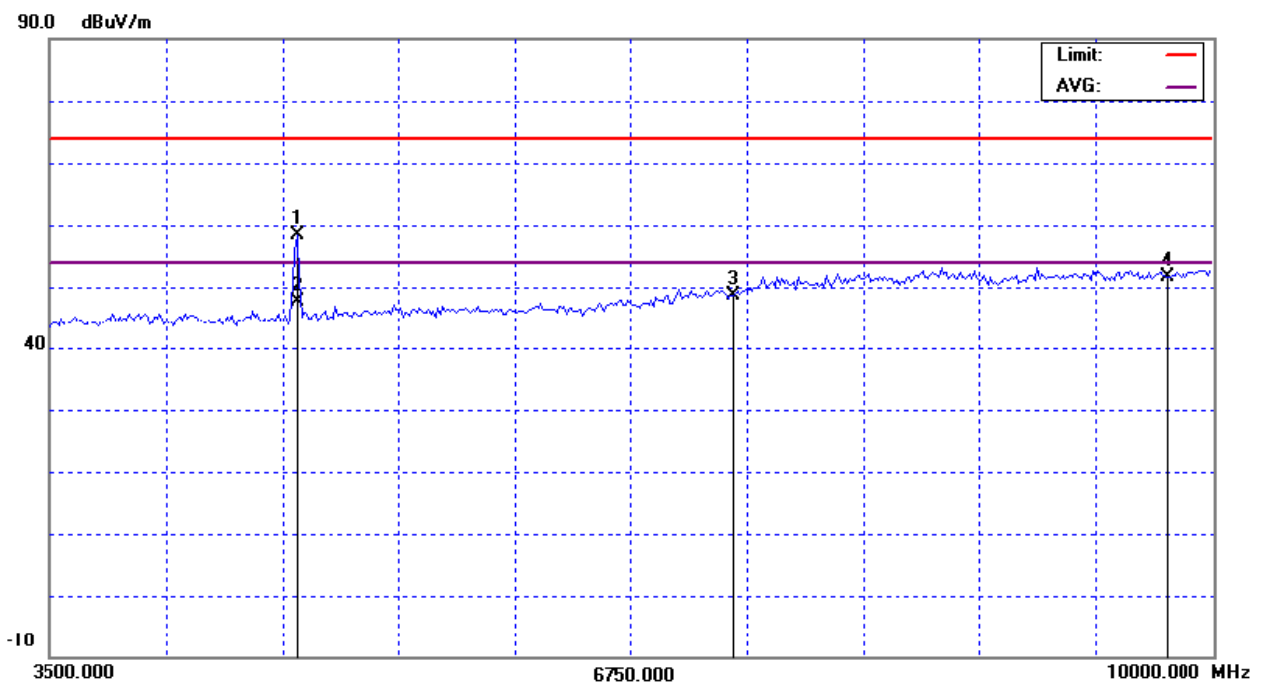
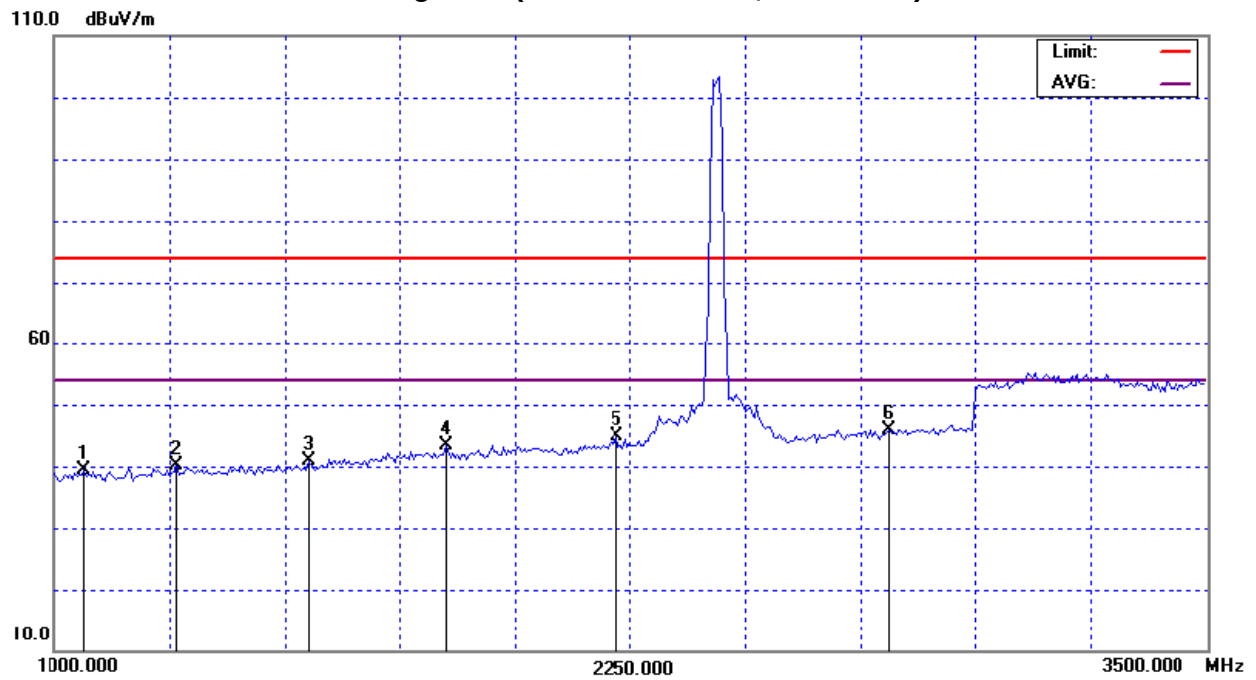
EUT :	@pod (Wireless IP Multimedia Phone)	Model No. :	E800
Temperature :	25 °C	Relative Humidity :	60 %
Pressure :	1009 hPa	Test Power :	AC 120V/60Hz
Test Mode :	802.11g/CH06		

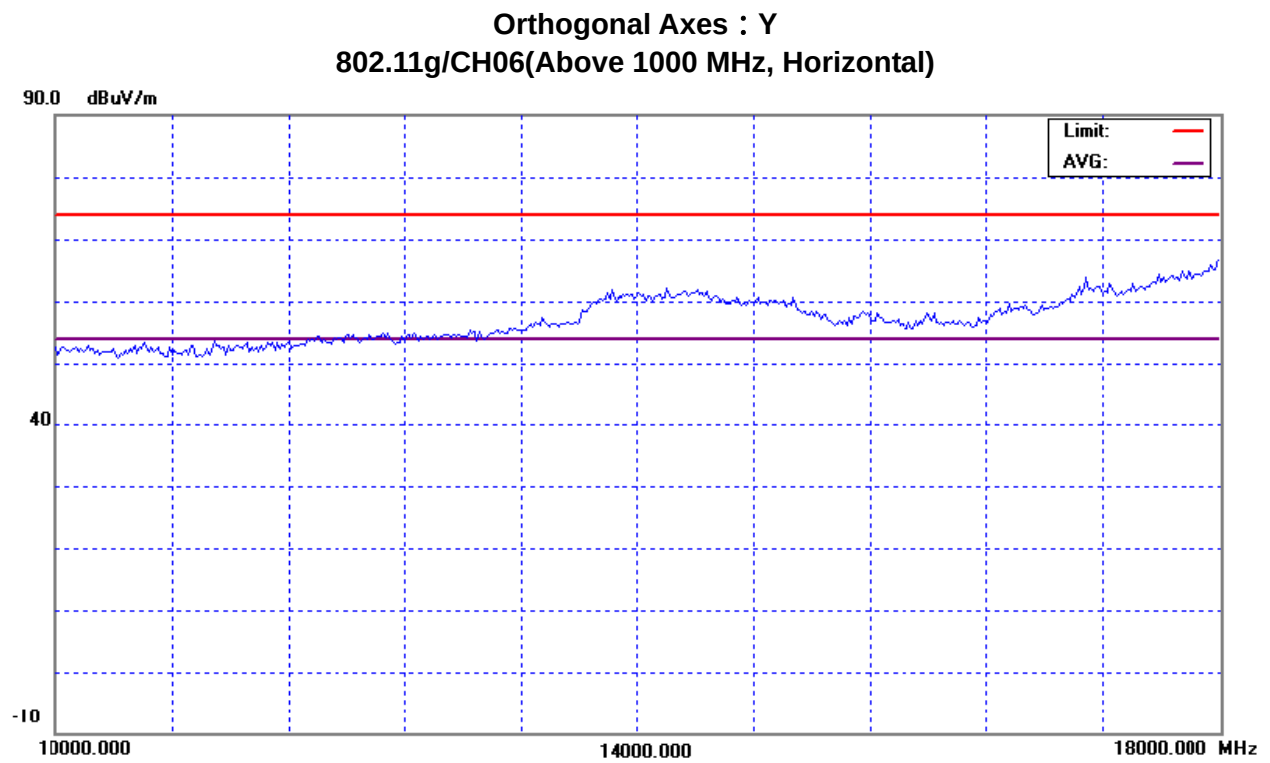
Freq. (MHz)	Ant.Pol. H/V	Reading		Ant./CF CF(dB)	Act.		Limit		Note
		Peak (dBuV)	AV (dBuV)		Peak (dBuV/m)	AV (dBuV/m)	Peak (dBuV/m)	AV (dBuV/m)	
1065.00	H	48.03	*	-8.74	39.29	*	74.00	54.00	Y/H
1265.00	H	48.04	*	-7.83	40.21	*	74.00	54.00	Y/H
1550.00	H	47.43	*	-6.48	40.95	*	74.00	54.00	Y/H
1850.00	H	48.16	*	-4.81	43.35	*	74.00	54.00	Y/H
2220.00	H	48.24	*	-3.42	44.82	*	74.00	54.00	Y/H
2810.00	H	47.48	*	-1.49	45.99	*	74.00	54.00	Y/H
4878.00	H	55.13	44.41	3.25	58.38	47.66	74.00	54.00	Y/H
7311.00	H	40.81	*	7.80	48.61	*	74.00	54.00	Y/H
9748.00	H	41.65	*	10.05	51.70	*	74.00	54.00	Y/H

Remark :

- (1) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 25GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = 200 ms
- (2) All readings are Peak unless otherwise stated QP in column of 『Note』 . Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn't perform ◦
- (3) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency. "F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)
- (4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission ◦
- (5) Data of measurement within this frequency range shown " * " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
- (6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.
- (7) EUT Orthogonal Axes :
"X" - denotes Laid on Table ; "Y" - denotes Vertical Stand ; "Z" - denotes Side Stand

Orthogonal Axes : Y
802.11g/CH06(Above 1000 MHz, Horizontal)





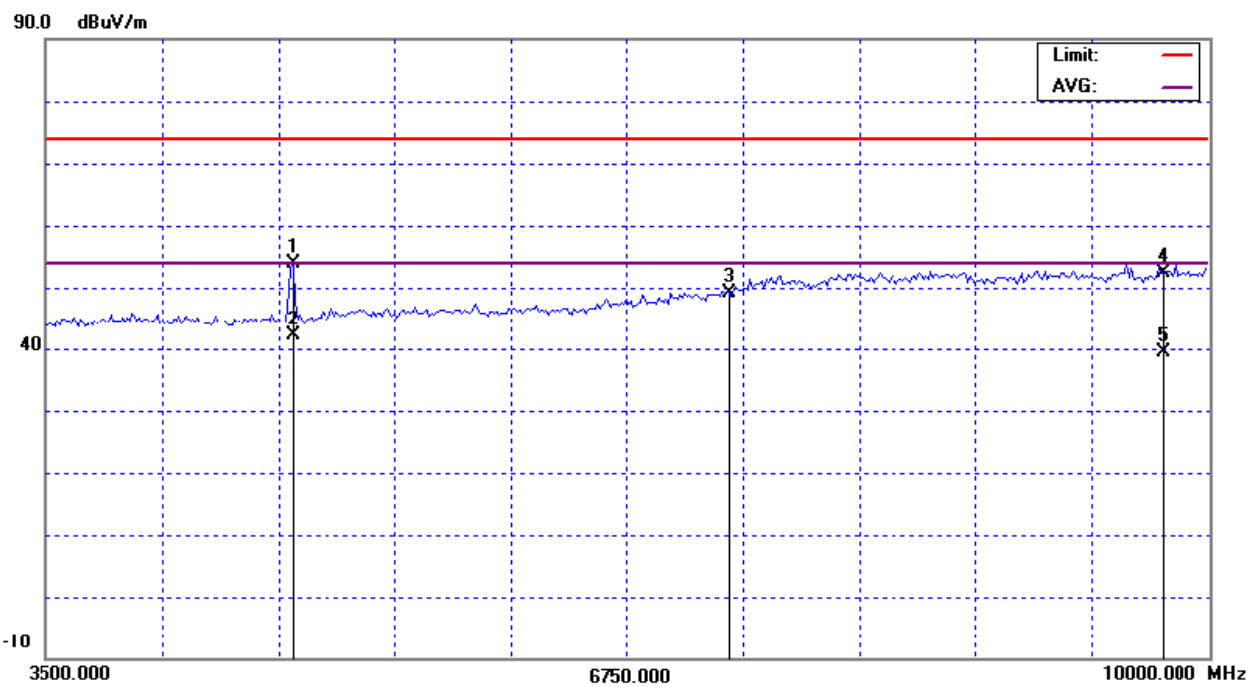
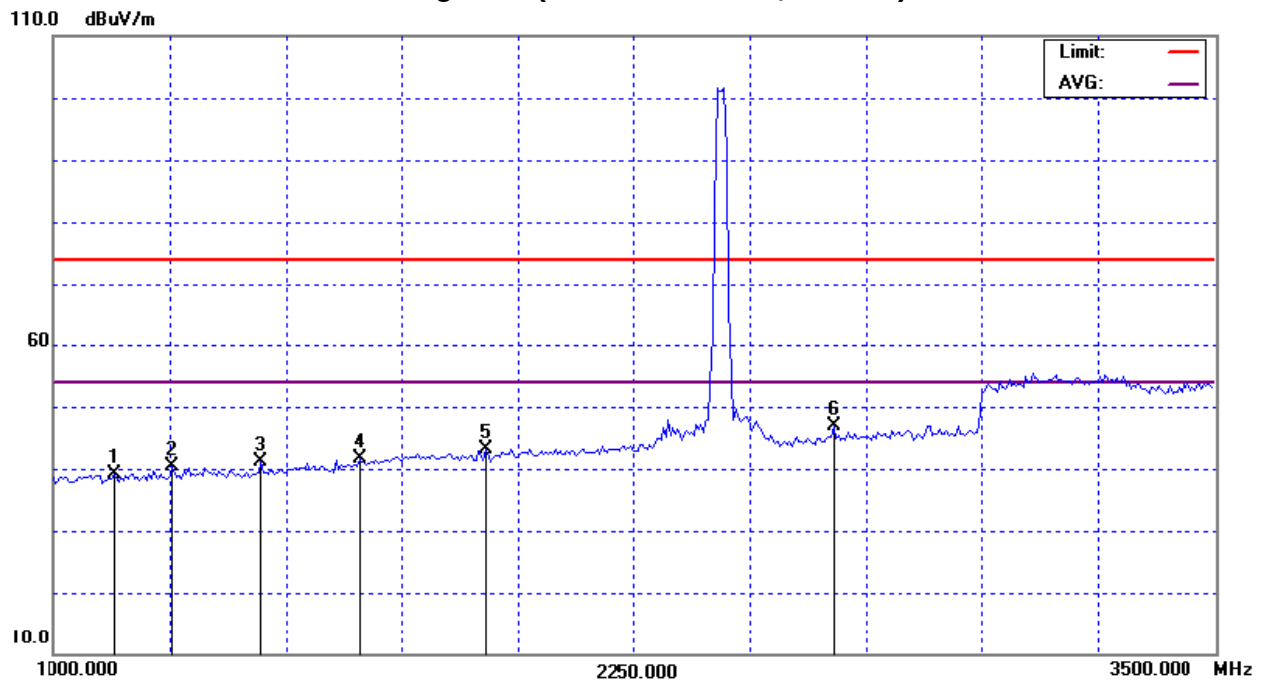
EUT :	@pod (Wireless IP Multimedia Phone)	Model No. :	E800
Temperature :	25 °C	Relative Humidity :	60 %
Pressure :	1009 hPa	Test Power :	AC 120V/60Hz
Test Mode :	802.11g/CH06		

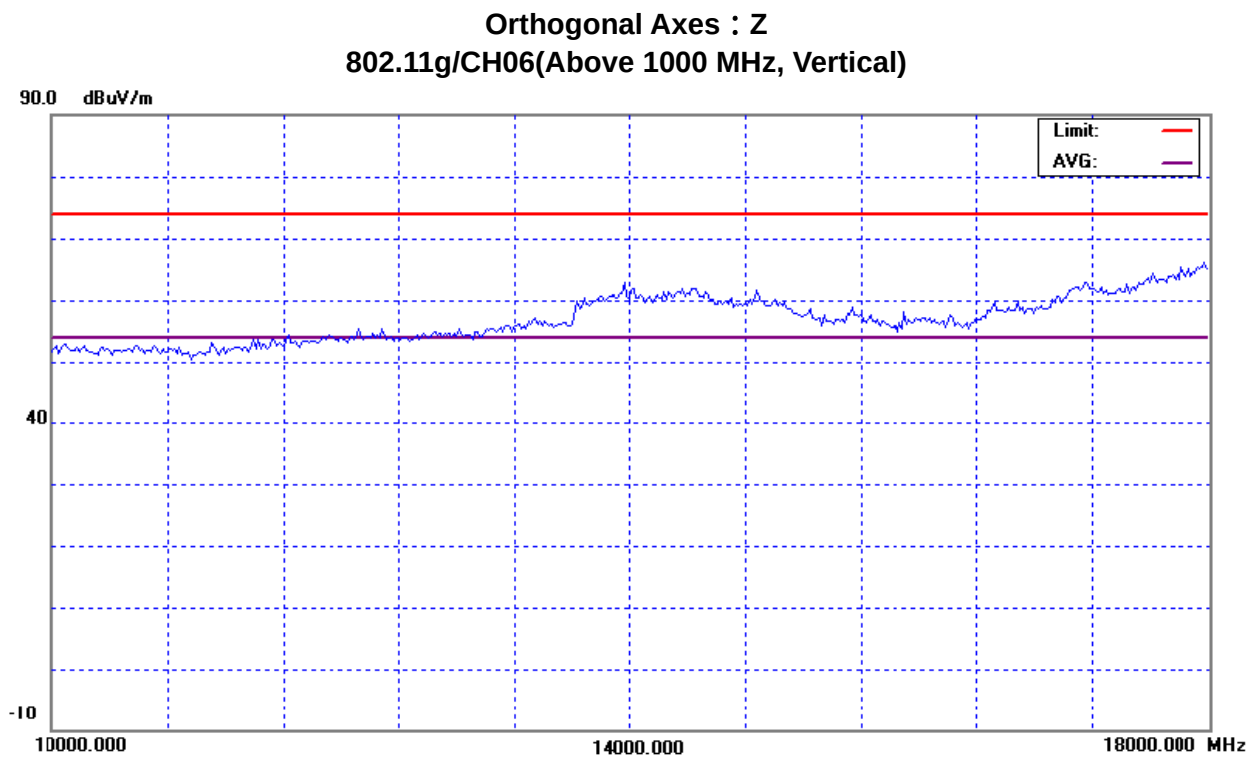
Freq. (MHz)	Ant.Pol. H/V	Reading		Ant./CF CF(dB)	Act.		Limit		Note
		Peak (dBuV)	AV (dBuV)		Peak (dBuV/m)	AV (dBuV/m)	Peak (dBuV/m)	AV (dBuV/m)	
1130.00	V	47.66	*	-8.45	39.21	*	74.00	54.00	Z/H
1255.00	V	48.21	*	-7.88	40.33	*	74.00	54.00	Z/H
1445.00	V	48.03	*	-7.01	41.02	*	74.00	54.00	Z/H
1660.00	V	47.45	*	-5.87	41.58	*	74.00	54.00	Z/H
1930.00	V	47.60	*	-4.37	43.23	*	74.00	54.00	Z/H
2680.00	V	48.95	*	-2.00	46.95	*	74.00	54.00	Z/H
4878.00	V	50.68	38.80	3.25	53.93	42.05	74.00	54.00	Z/H
7311.00	V	41.25	*	7.80	49.05	*	74.00	54.00	Z/H
9748.00	V	42.27	29.30	10.05	52.32	39.35	74.00	54.00	Z/H

Remark :

- (1) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 25GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = 200 ms
- (2) All readings are Peak unless otherwise stated QP in column of 『Note』 . Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn't perform ◦
- (3) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency ◦ "F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)
- (4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission ◦
- (5) Data of measurement within this frequency range shown " * " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
- (6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.
- (7) EUT Orthogonal Axes :
"X" - denotes Laid on Table ; "Y" - denotes Vertical Stand ; "Z" - denotes Side Stand

Orthogonal Axes : Z
802.11g/CH06(Above 1000 MHz, Vertical)





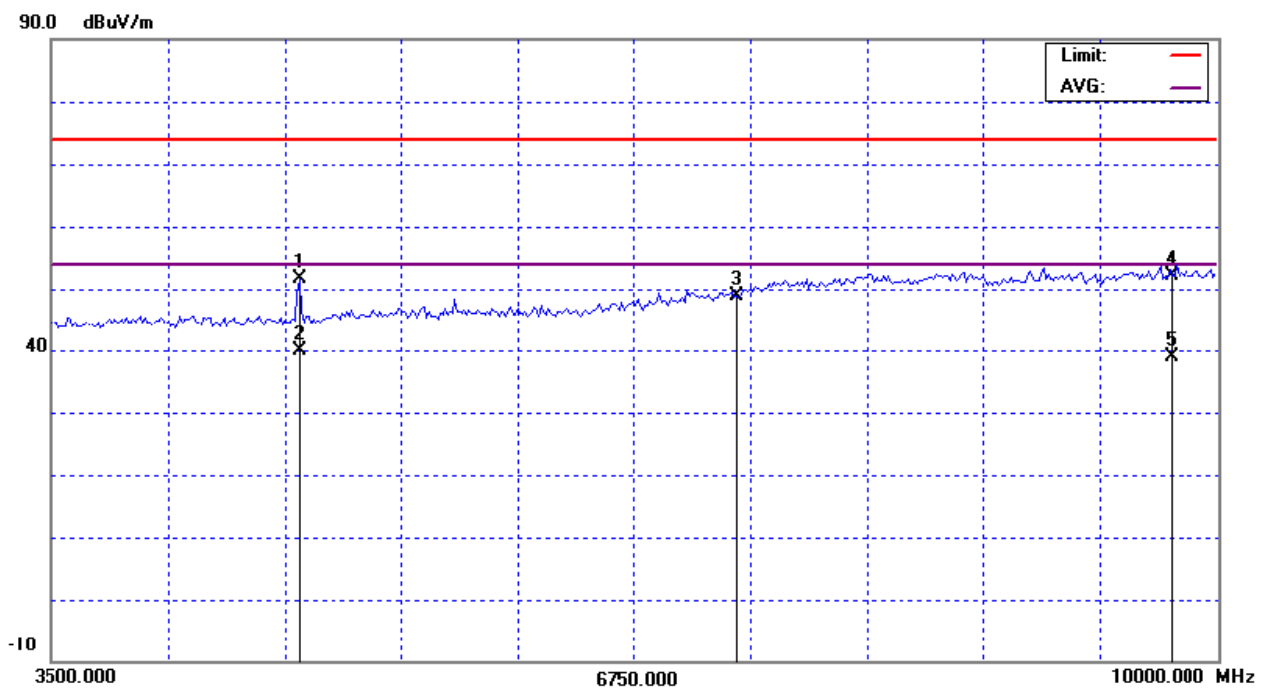
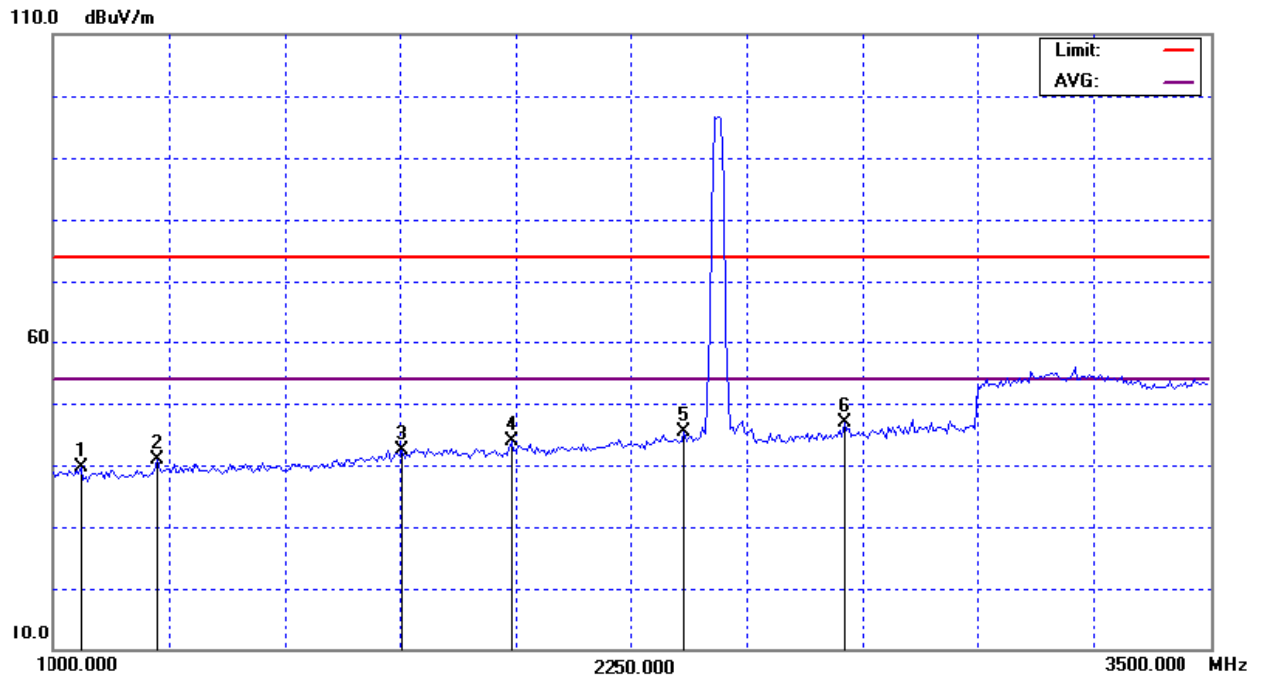
EUT :	@pod (Wireless IP Multimedia Phone)	Model No. :	E800
Temperature :	25 °C	Relative Humidity :	60 %
Pressure :	1009 hPa	Test Power :	AC 120V/60Hz
Test Mode :	802.11g/CH06		

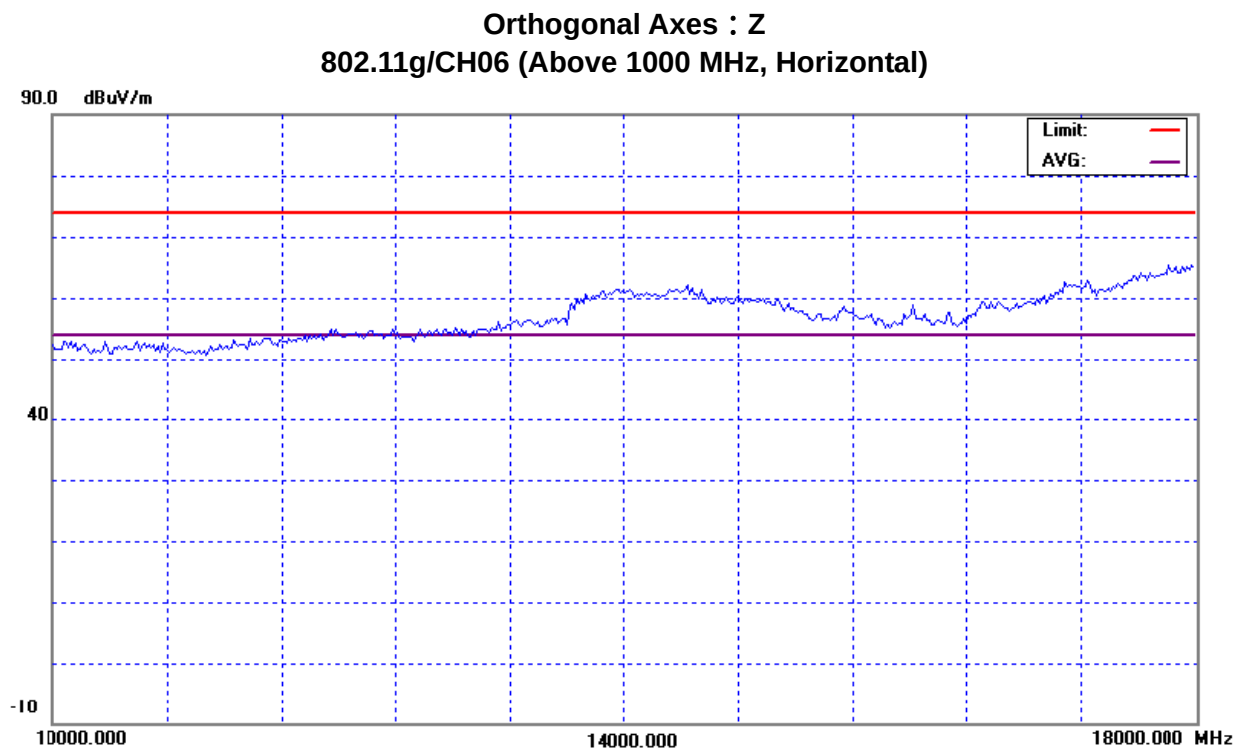
Freq. (MHz)	Ant.Pol. H/V	Reading		Ant./CF CF(dB)	Act.		Limit		Note
		Peak (dBuV)	AV (dBuV)		Peak (dBuV/m)	AV (dBuV/m)	Peak (dBuV/m)	AV (dBuV/m)	
1060.00	H	48.35	*	-8.77	39.58	*	74.00	54.00	Z/H
1225.00	H	49.00	*	-8.01	40.99	*	74.00	54.00	Z/H
1755.00	H	47.66	*	-5.34	42.32	*	74.00	54.00	Z/H
1990.00	H	47.92	*	-4.04	43.88	*	74.00	54.00	Z/H
2365.00	H	48.36	*	-3.05	45.31	*	74.00	54.00	Z/H
2710.00	H	48.85	*	-1.89	46.96	*	74.00	54.00	Z/H
4878.00	H	48.34	36.74	3.25	51.59	39.99	74.00	54.00	Z/H
7311.00	H	41.16	*	7.80	48.96	*	74.00	54.00	Z/H
9748.00	H	42.05	28.87	10.05	52.10	38.92	74.00	54.00	Z/H

Remark :

- (1) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 25GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = 200 ms
- (2) All readings are Peak unless otherwise stated QP in column of 『Note』 . Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn't perform ◦
- (3) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency ◦ "F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)
- (4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission ◦
- (5) Data of measurement within this frequency range shown " * " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
- (6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.
- (7) EUT Orthogonal Axes :
"X" - denotes Laid on Table ; "Y" - denotes Vertical Stand ; "Z" - denotes Side Stand

Orthogonal Axes : Z
802.11g/CH06(Above 1000 MHz, Horizontal)





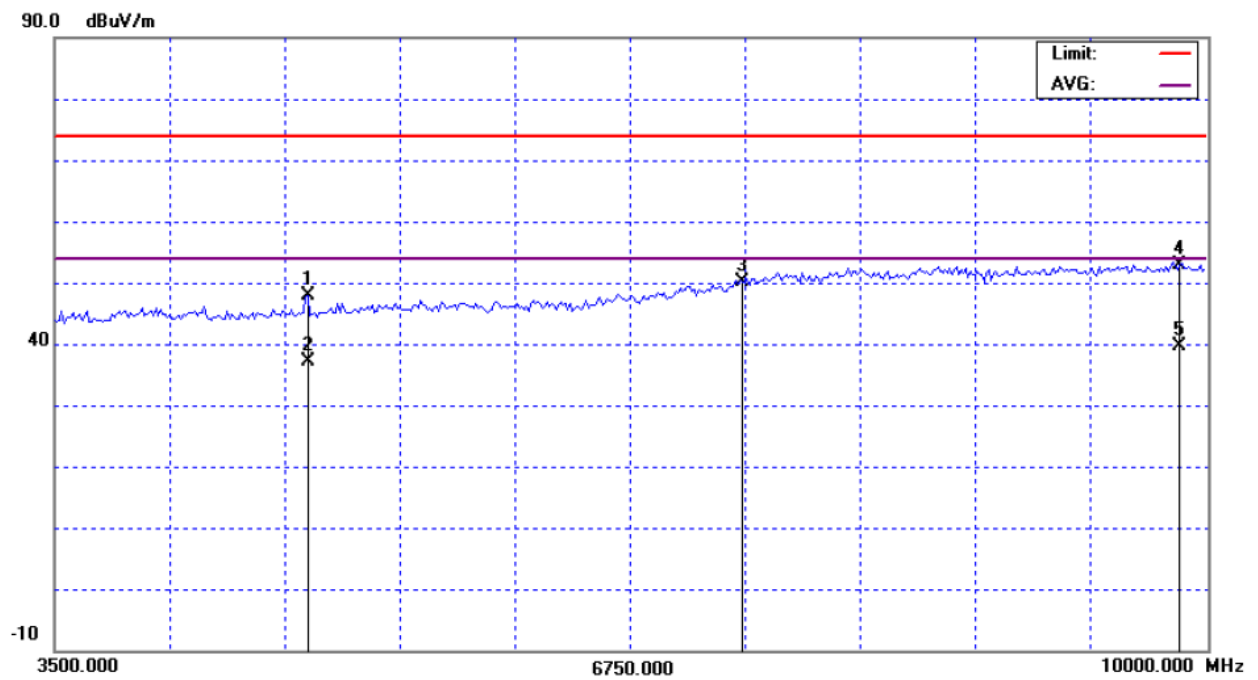
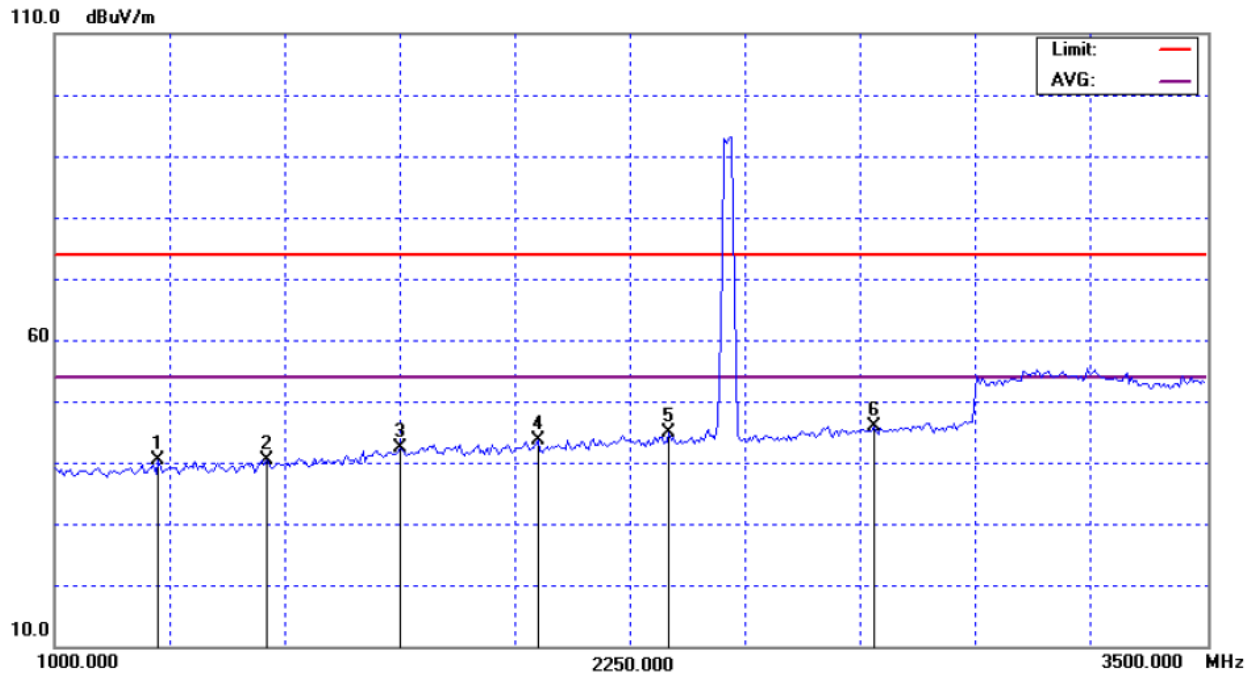
EUT :	@pod (Wireless IP Multimedia Phone)	Model No. :	E800
Temperature :	25 °C	Relative Humidity :	60 %
Pressure :	1009 hPa	Test Power :	AC 120V/60Hz
Test Mode :	802.11g/CH11		

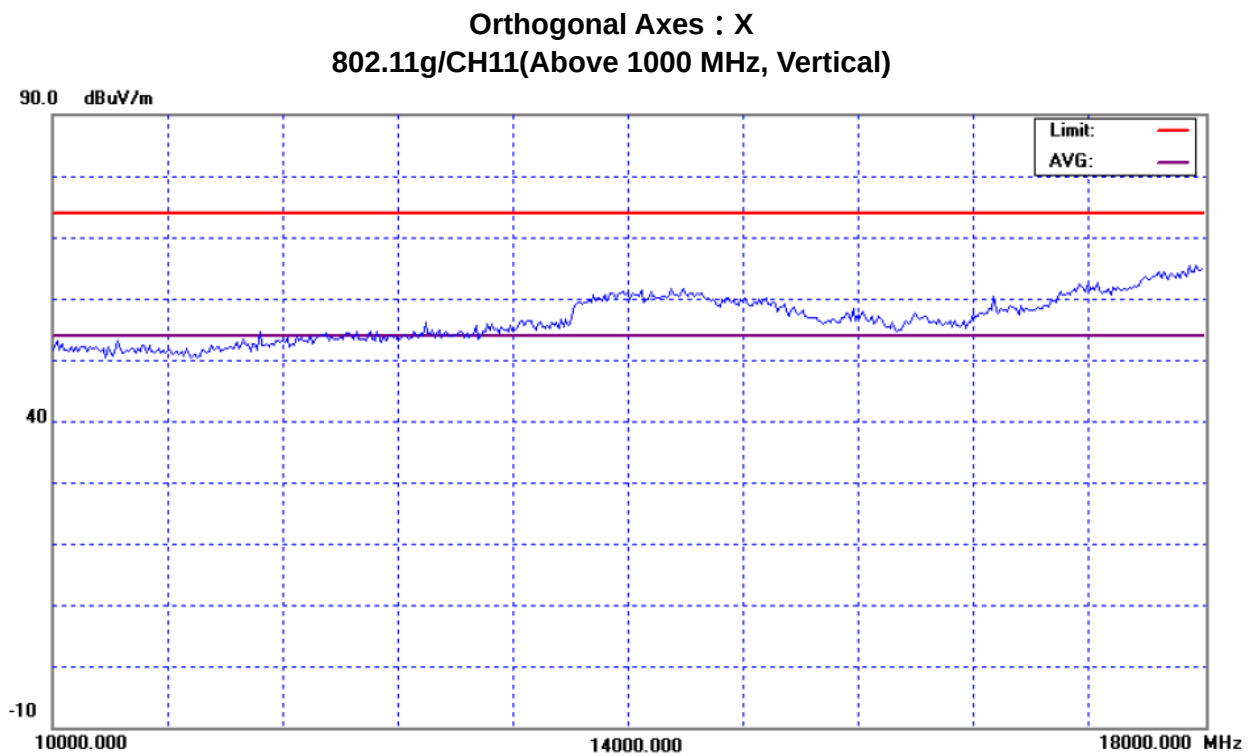
Freq. (MHz)	Ant. Pol. H/V	Reading		Ant./CF CF(dB)	Act.		Limit		Note
		Peak (dBuV)	AV (dBuV)		Peak (dBuV/m)	AV (dBuV/m)	Peak (dBuV/m)	AV (dBuV/m)	
1225.00	V	48.36	*	-8.01	40.35	*	74.00	54.00	X/H
1460.00	V	47.43	*	-6.94	40.49	*	74.00	54.00	X/H
1750.00	V	47.77	*	-5.37	42.40	*	74.00	54.00	X/H
2050.00	V	47.53	*	-3.85	43.68	*	74.00	54.00	X/H
2335.00	V	47.91	*	-3.13	44.78	*	74.00	54.00	X/H
2780.00	V	47.48	*	-1.61	45.87	*	74.00	54.00	X/H
4930.00	V	44.57	33.74	3.38	47.95	37.12	74.00	54.00	X/H
7386.00	V	42.01	*	8.13	50.14	*	74.00	54.00	X/H
9848.00	V	42.78	29.55	10.13	52.91	39.68	74.00	54.00	X/H

Remark :

- (1) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 25GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = 200 ms
- (2) All readings are Peak unless otherwise stated QP in column of 『Note』 . Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn't perform ◦
- (3) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency ◦ “F” denotes fundamental frequency; “H” denotes spurious frequency. “E” denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)
- (4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission ◦
- (5) Data of measurement within this frequency range shown “ * ” in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
- (6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.
- (7) EUT Orthogonal Axes :
“X” - denotes Laid on Table ; “Y” - denotes Vertical Stand ; “Z” - denotes Side Stand

Orthogonal Axes : X
802.11g/CH11(Above 1000 MHz, Vertical)





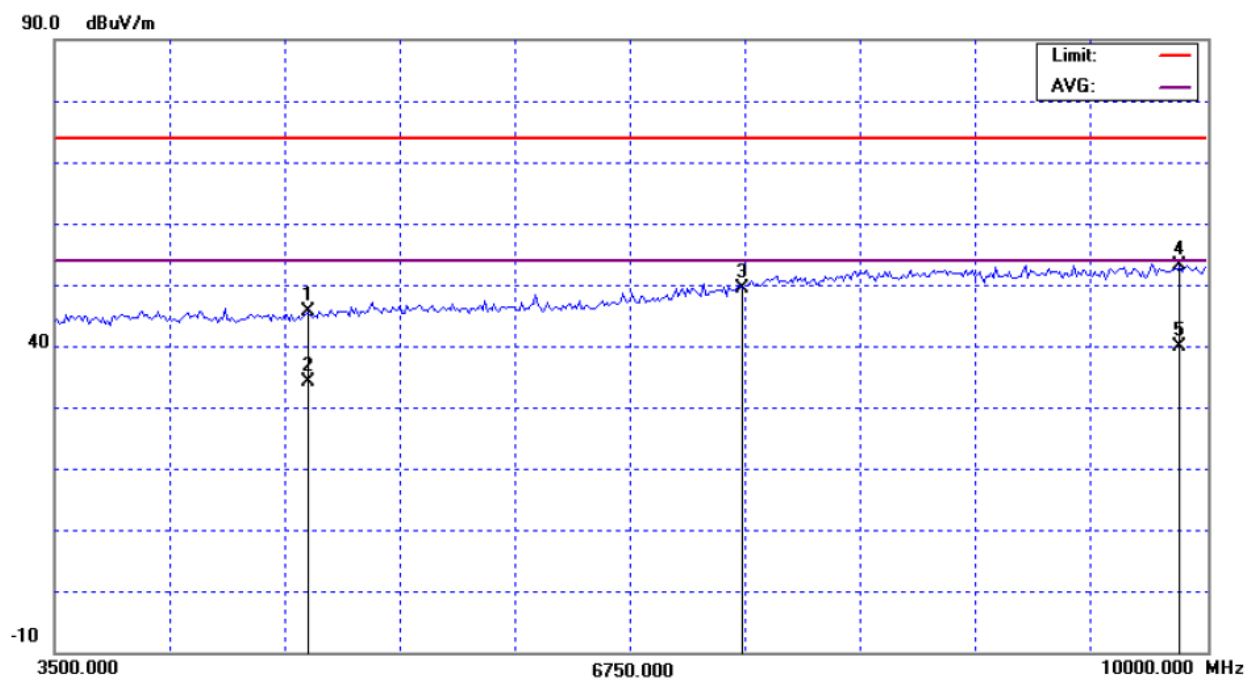
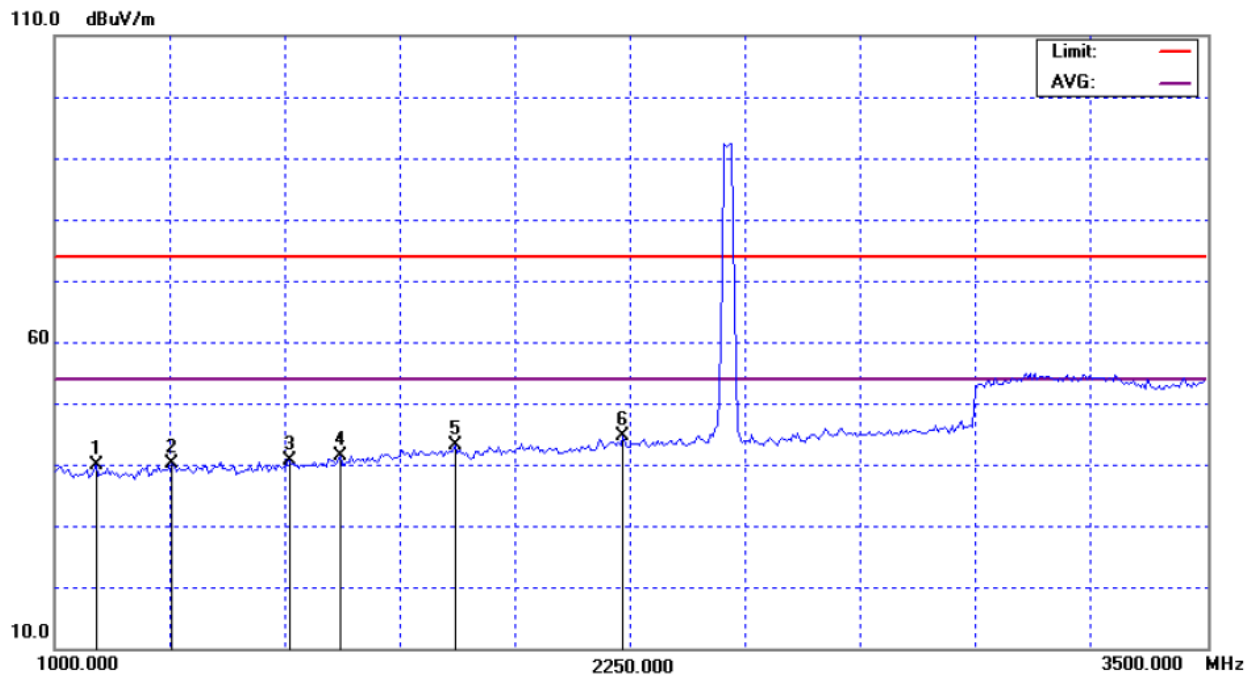
EUT :	@pod (Wireless IP Multimedia Phone)	Model No. :	E800
Temperature :	25 °C	Relative Humidity :	60 %
Pressure :	1009 hPa	Test Power :	AC 120V/60Hz
Test Mode :	802.11g/CH11		

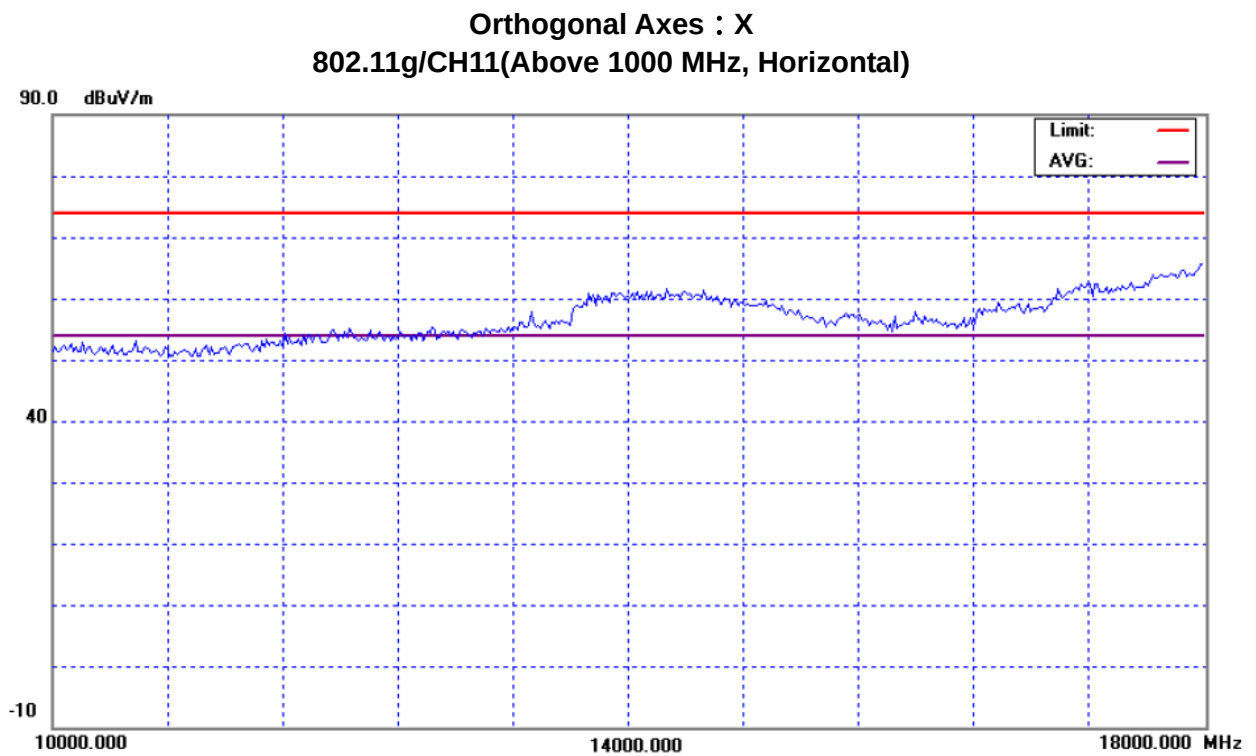
Freq. (MHz)	Ant.Pol. H/V	Reading		Ant./CF CF(dB)	Act.		Limit		Note
		Peak (dBuV)	AV (dBuV)		Peak (dBuV/m)	AV (dBuV/m)	Peak (dBuV/m)	AV (dBuV/m)	
1090.00	H	48.42	*	-8.63	39.79	*	74.00	54.00	X/H
1255.00	H	48.01	*	-7.88	40.13	*	74.00	54.00	X/H
1510.00	H	47.24	*	-6.70	40.54	*	74.00	54.00	X/H
1620.00	H	47.59	*	-6.09	41.50	*	74.00	54.00	X/H
1870.00	H	47.87	*	-4.70	43.17	*	74.00	54.00	X/H
2235.00	H	48.08	*	-3.38	44.70	*	74.00	54.00	X/H
4930.00	H	42.37	30.78	3.38	45.75	34.16	74.00	54.00	X/H
7386.00	H	41.29	*	8.13	49.42	*	74.00	54.00	X/H
9848.00	H	42.94	*	10.13	53.07	*	74.00	54.00	X/H

Remark :

- (1) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 25GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = 200 ms
- (2) All readings are Peak unless otherwise stated QP in column of 『Note』 . Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn't perform ◦
- (3) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency ◦ "F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)
- (4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission ◦
- (5) Data of measurement within this frequency range shown " * " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
- (6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.
- (7) EUT Orthogonal Axes :
"X" - denotes Laid on Table ; "Y" - denotes Vertical Stand ; "Z" - denotes Side Stand

Orthogonal Axes : X
802.11g/CH11(Above 1000 MHz, Horizontal)





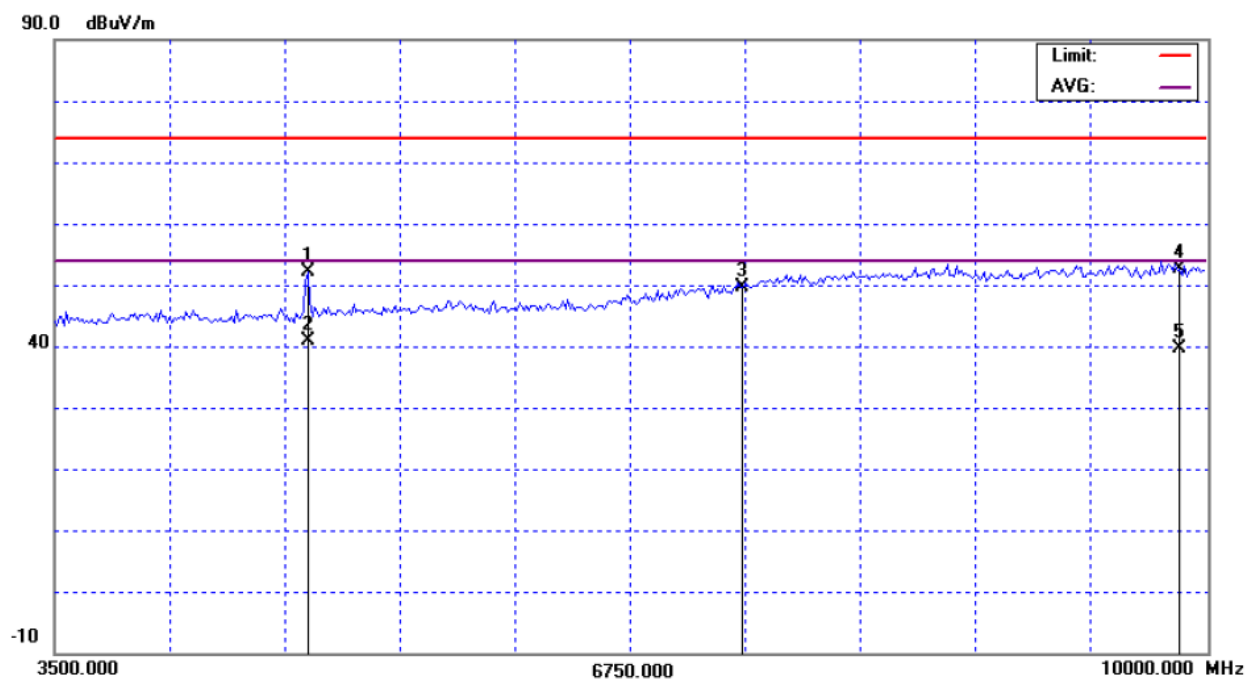
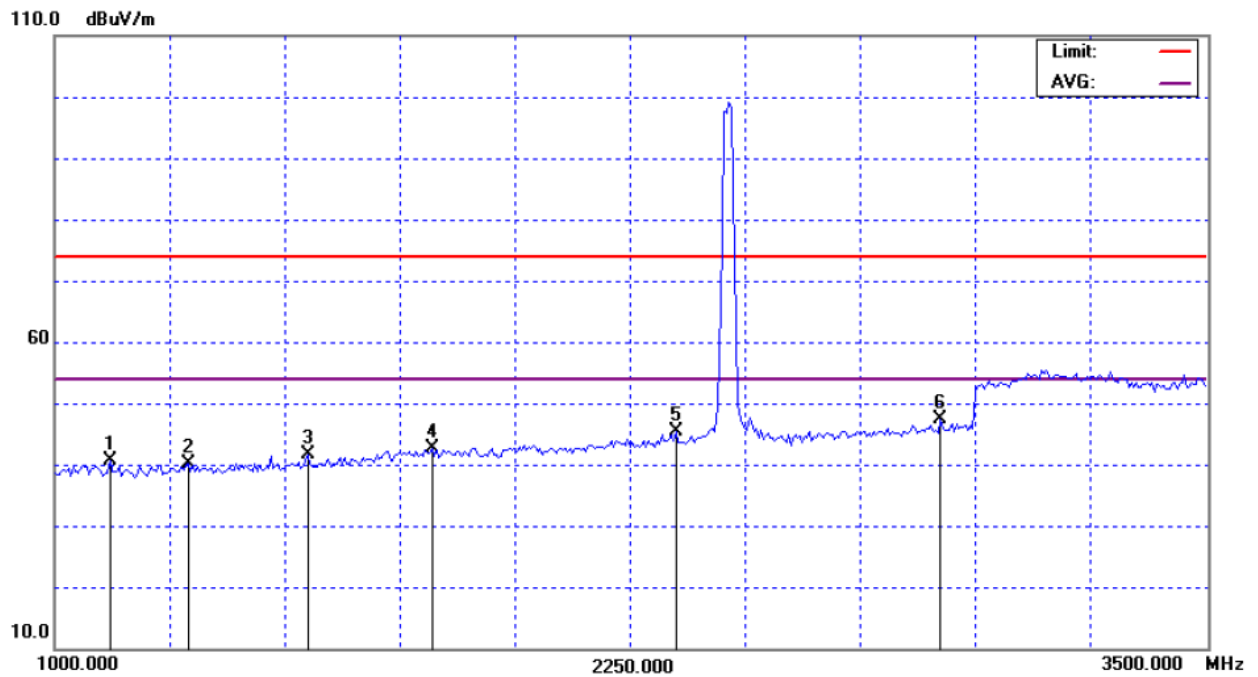
EUT :	@pod (Wireless IP Multimedia Phone)	Model No. :	E800
Temperature :	25 °C	Relative Humidity :	60 %
Pressure :	1009 hPa	Test Power :	AC 120V/60Hz
Test Mode :	802.11g/CH11		

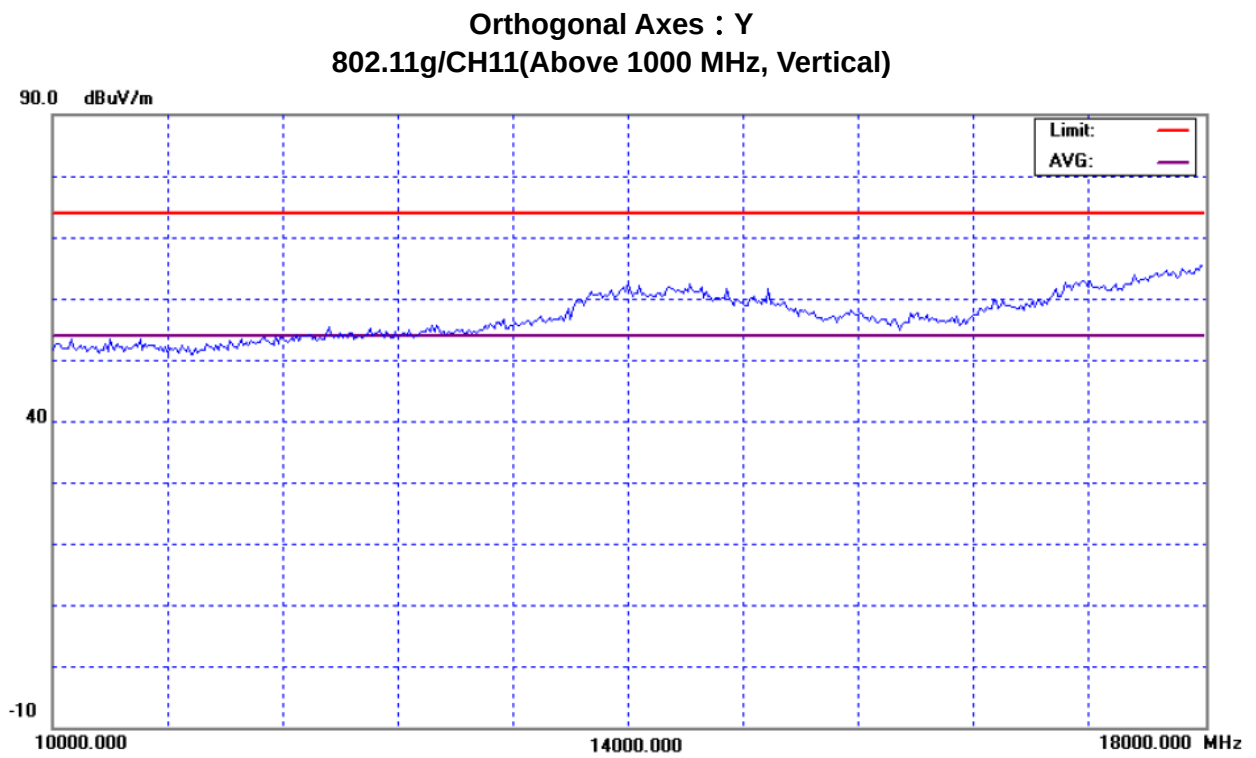
Freq. (MHz)	Ant.Pol. H/V	Reading		Ant./CF CF(dB)	Act.		Limit		Note
		Peak (dBuV)	AV (dBuV)		Peak (dBuV/m)	AV (dBuV/m)	Peak (dBuV/m)	AV (dBuV/m)	
1120.00	V	49.14	*	-8.49	40.65	*	74.00	54.00	Y/H
1290.00	V	47.82	*	-7.72	40.10	*	74.00	54.00	Y/H
1550.00	V	48.10	*	-6.48	41.62	*	74.00	54.00	Y/H
1820.00	V	47.50	*	-4.98	42.52	*	74.00	54.00	Y/H
2350.00	V	48.40	*	-3.09	45.31	*	74.00	54.00	Y/H
2925.00	V	48.45	*	-1.04	47.41	*	74.00	54.00	Y/H
4930.00	V	48.82	37.55	3.38	52.20	40.93	74.00	54.00	Y/H
7386.00	V	41.51	*	8.13	49.64	*	74.00	54.00	Y/H
9848.00	V	42.39	29.62	10.13	52.52	39.75	74.00	54.00	Y/H

Remark :

- (1) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 25GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = 200 ms
- (2) All readings are Peak unless otherwise stated QP in column of 『Note』 . Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn't perform ◦
- (3) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency ◦ "F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)
- (4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission ◦
- (5) Data of measurement within this frequency range shown " * " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
- (6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.
- (7) EUT Orthogonal Axes :
"X" - denotes Laid on Table ; "Y" - denotes Vertical Stand ; "Z" - denotes Side Stand

Orthogonal Axes : Y
802.11g/CH11(Above 1000 MHz, Vertical)





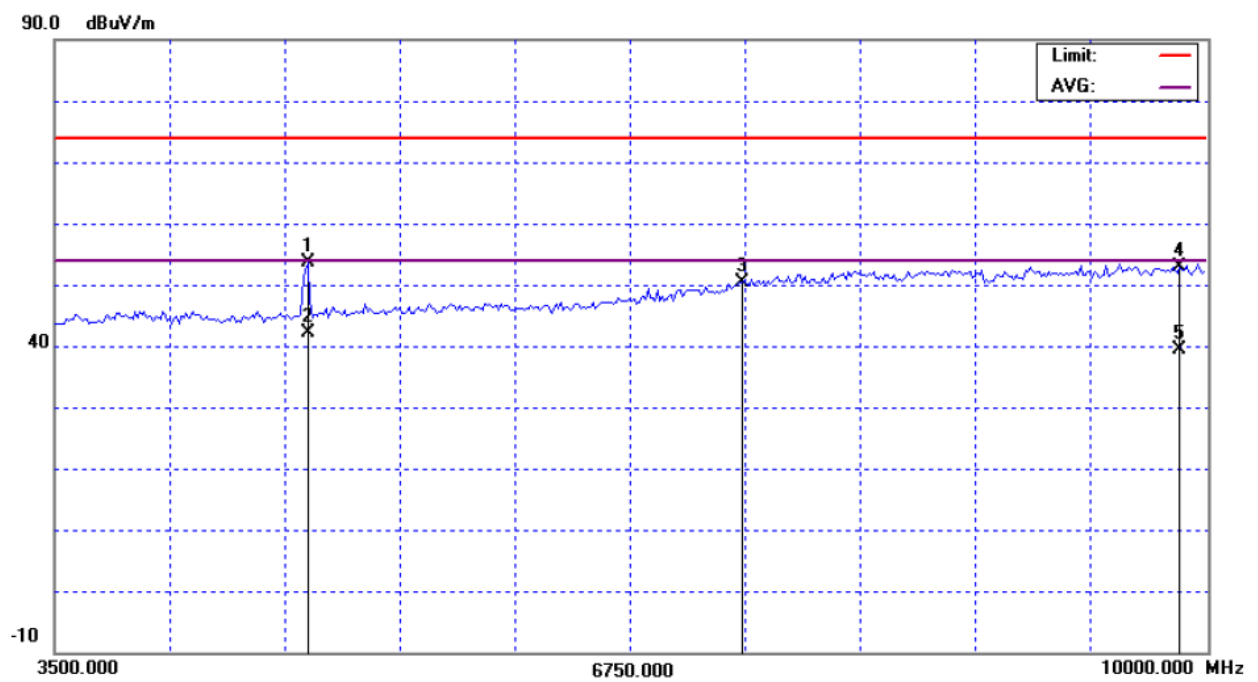
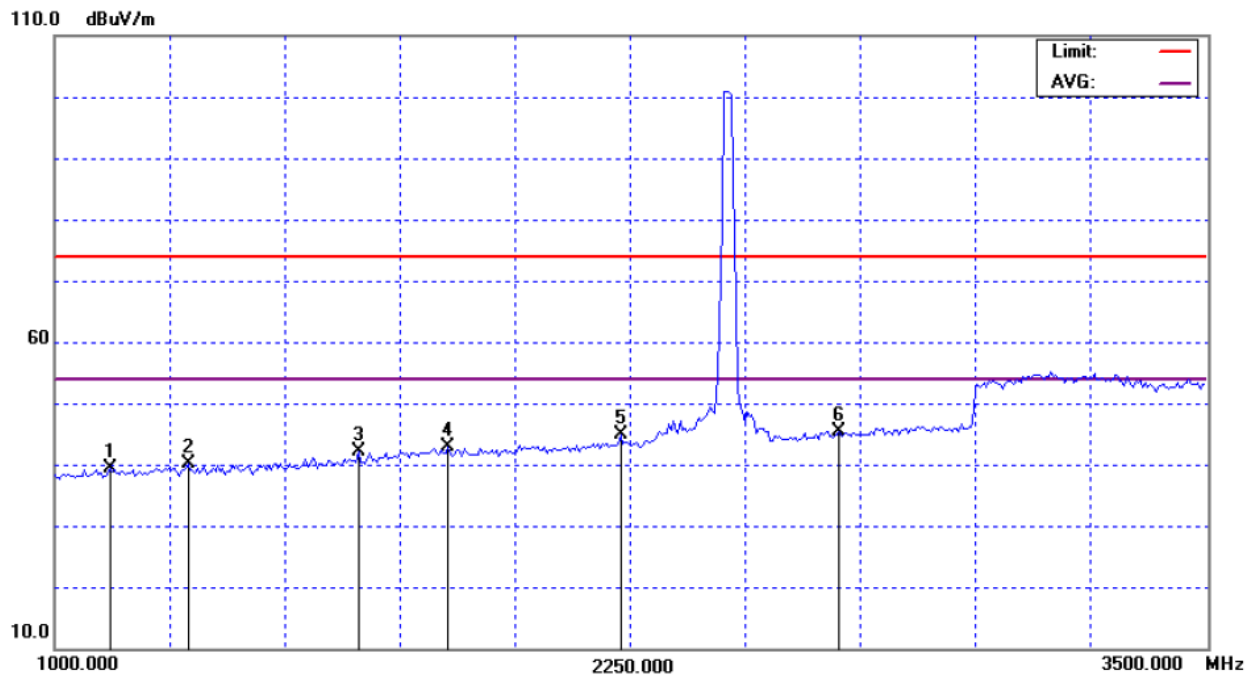
EUT :	@pod (Wireless IP Multimedia Phone)	Model No. :	E800
Temperature :	25 °C	Relative Humidity :	60 %
Pressure :	1009 hPa	Test Power :	AC 120V/60Hz
Test Mode :	802.11g/CH11		

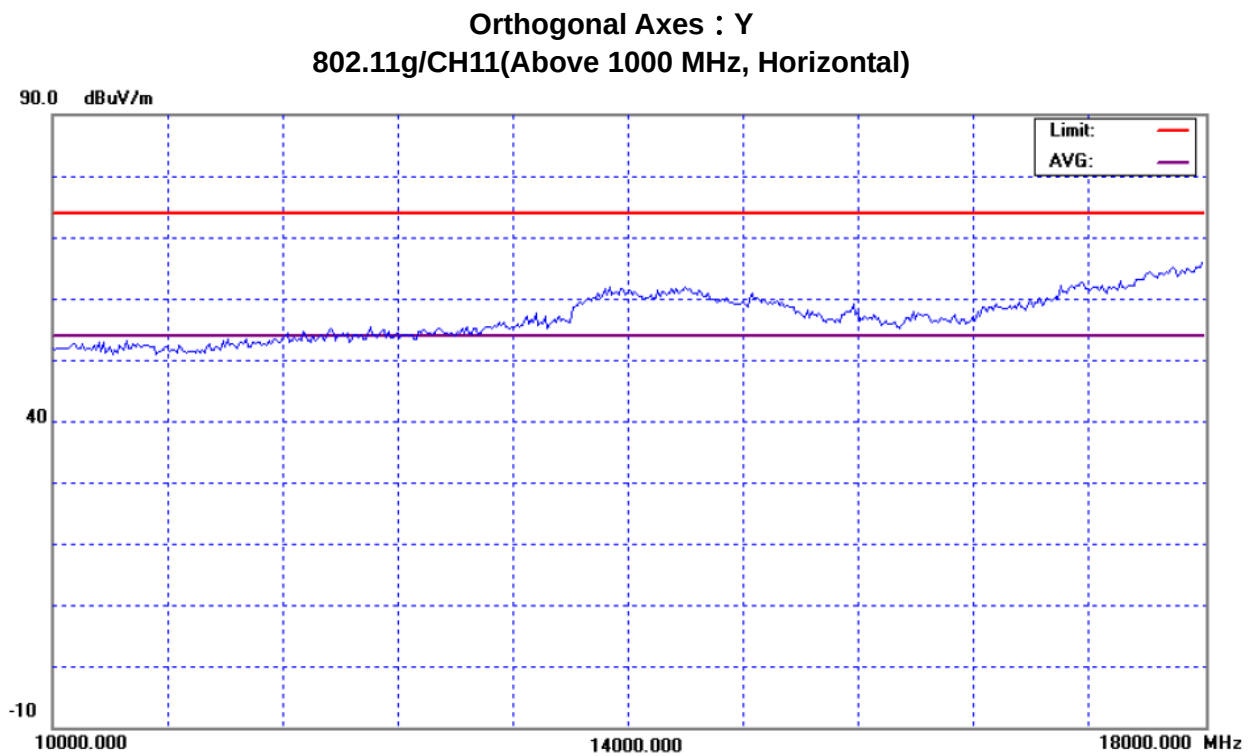
Freq. (MHz)	Ant.Pol. H/V	Reading		Ant./CF CF(dB)	Act.		Limit		Note
		Peak (dBuV)	AV (dBuV)		Peak (dBuV/m)	AV (dBuV/m)	Peak (dBuV/m)	AV (dBuV/m)	
1120.00	H	47.75	*	-8.49	39.26	*	74.00	54.00	Y/H
1290.00	H	47.97	*	-7.72	40.25	*	74.00	54.00	Y/H
1660.00	H	47.99	*	-5.87	42.12	*	74.00	54.00	Y/H
1855.00	H	47.63	*	-4.79	42.84	*	74.00	54.00	Y/H
2230.00	H	48.30	*	-3.40	44.90	*	74.00	54.00	Y/H
2705.00	H	47.29	*	-1.91	45.38	*	74.00	54.00	Y/H
4930.00	H	50.18	38.85	3.38	53.56	42.23	74.00	54.00	Y/H
7386.00	H	42.35	*	8.13	50.48	*	74.00	54.00	Y/H
9848.00	H	42.78	29.17	10.13	52.91	39.30	74.00	54.00	Y/H

Remark :

- (1) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 25GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = 200 ms
- (2) All readings are Peak unless otherwise stated QP in column of 『Note』 . Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn't perform ◦
- (3) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency ◦ "F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)
- (4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission ◦
- (5) Data of measurement within this frequency range shown " * " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
- (6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.
- (7) EUT Orthogonal Axes :
"X" - denotes Laid on Table ; "Y" - denotes Vertical Stand ; "Z" - denotes Side Stand

Orthogonal Axes : Y
802.11g/CH11(Above 1000 MHz, Horizontal)





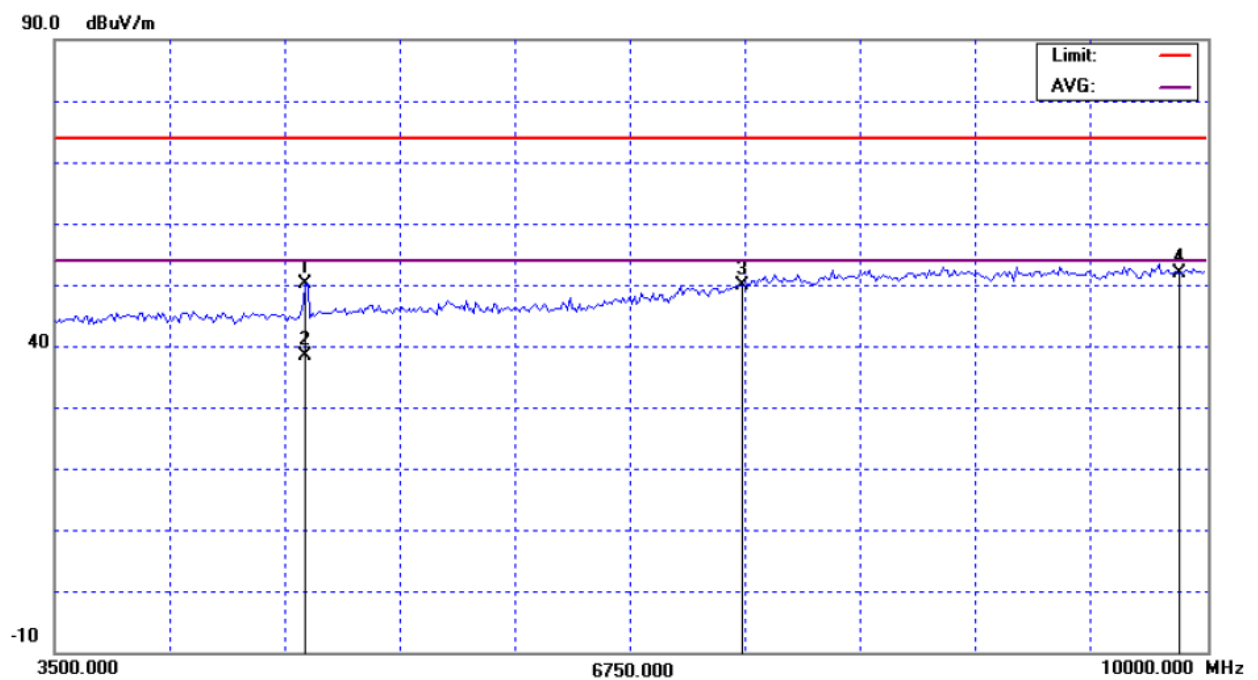
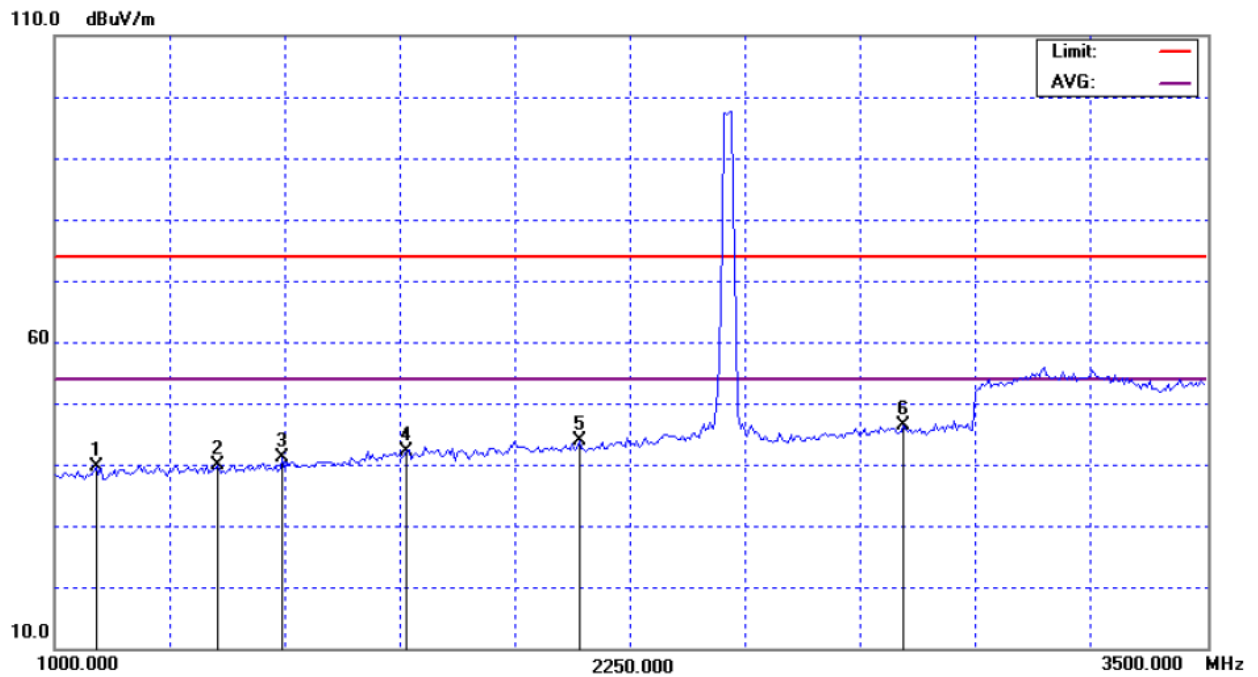
EUT :	@pod (Wireless IP Multimedia Phone)	Model No. :	E800
Temperature :	25 °C	Relative Humidity :	60 %
Pressure :	1009 hPa	Test Power :	AC 120V/60Hz
Test Mode :	802.11g/CH11		

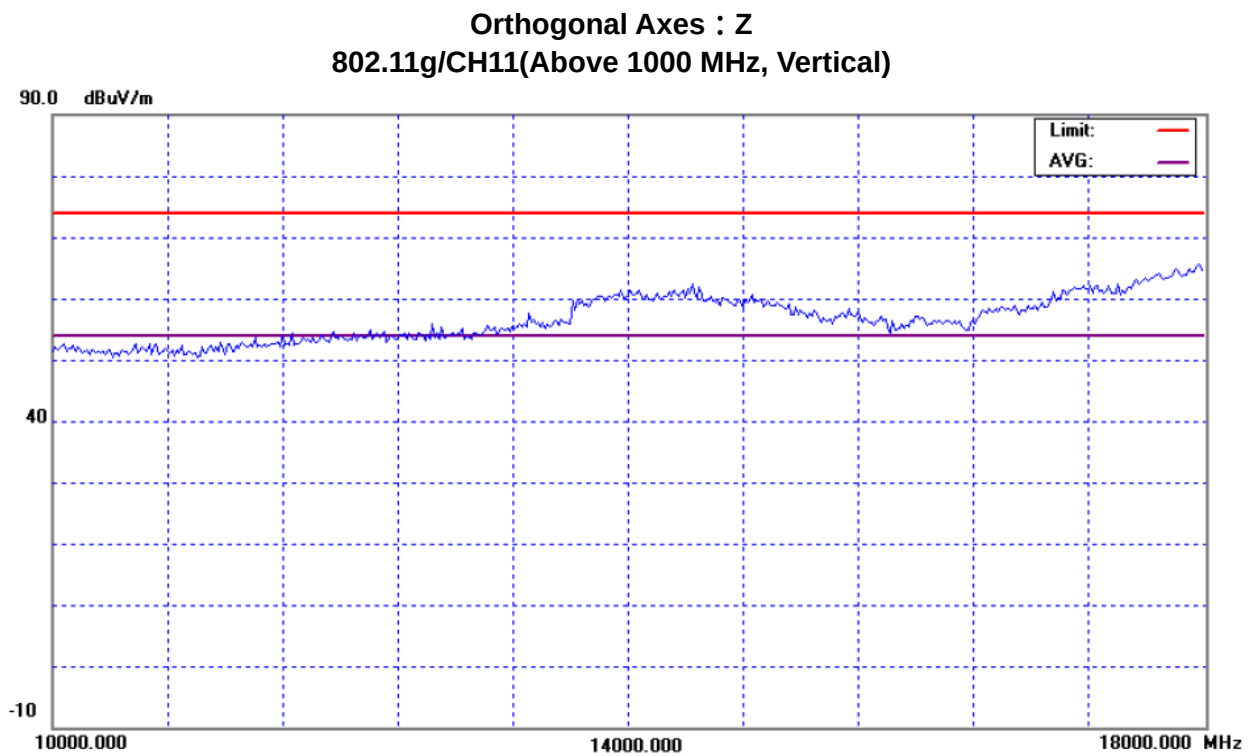
Freq. (MHz)	Ant.Pol. H/V	Reading		Ant./CF CF(dB)	Act.		Limit		Note
		Peak (dBuV)	AV (dBuV)		Peak (dBuV/m)	AV (dBuV/m)	Peak (dBuV/m)	AV (dBuV/m)	
1090.00	V	48.27	*	-8.63	39.64	*	74.00	54.00	Z/H
1355.00	V	47.31	*	-7.42	39.89	*	74.00	54.00	Z/H
1495.00	V	47.86	*	-6.78	41.08	*	74.00	54.00	Z/H
1765.00	V	47.52	*	-5.29	42.23	*	74.00	54.00	Z/H
2140.00	V	47.43	*	-3.63	43.80	*	74.00	54.00	Z/H
2845.00	V	47.67	*	-1.35	46.32	*	74.00	54.00	Z/H
4917.00	V	46.76	34.97	3.35	50.11	38.32	74.00	54.00	Z/H
7386.00	V	41.78	*	8.13	49.91	*	74.00	54.00	Z/H
9848.00	V	41.80	*	10.13	51.93	*	74.00	54.00	Z/H

Remark :

- (1) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 25GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = 200 ms
- (2) All readings are Peak unless otherwise stated QP in column of 『Note』 . Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn't perform ◦
- (3) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency ◦ "F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)
- (4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission ◦
- (5) Data of measurement within this frequency range shown " * " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
- (6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.
- (7) EUT Orthogonal Axes :
"X" - denotes Laid on Table ; "Y" - denotes Vertical Stand ; "Z" - denotes Side Stand

Orthogonal Axes : Z
802.11g/CH11(Above 1000 MHz, Vertical)





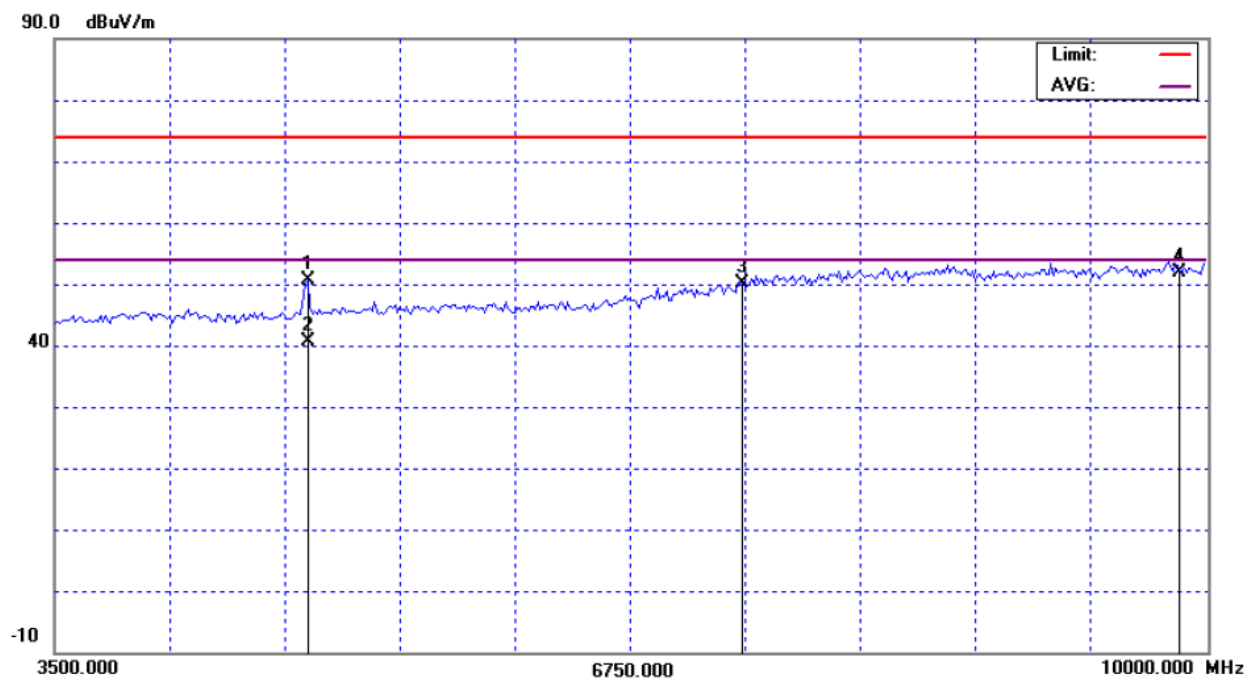
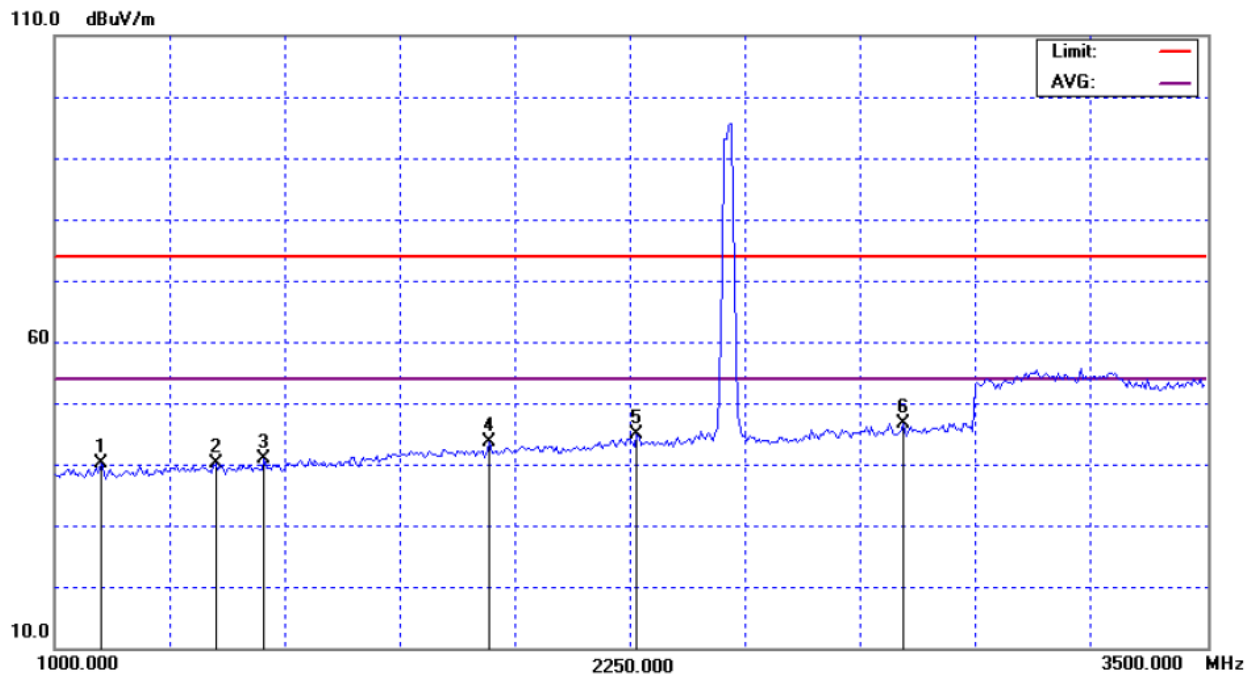
EUT :	@pod (Wireless IP Multimedia Phone)	Model No. :	E800
Temperature :	25 °C	Relative Humidity :	60 %
Pressure :	1009 hPa	Test Power :	AC 120V/60Hz
Test Mode :	802.11g/CH11		

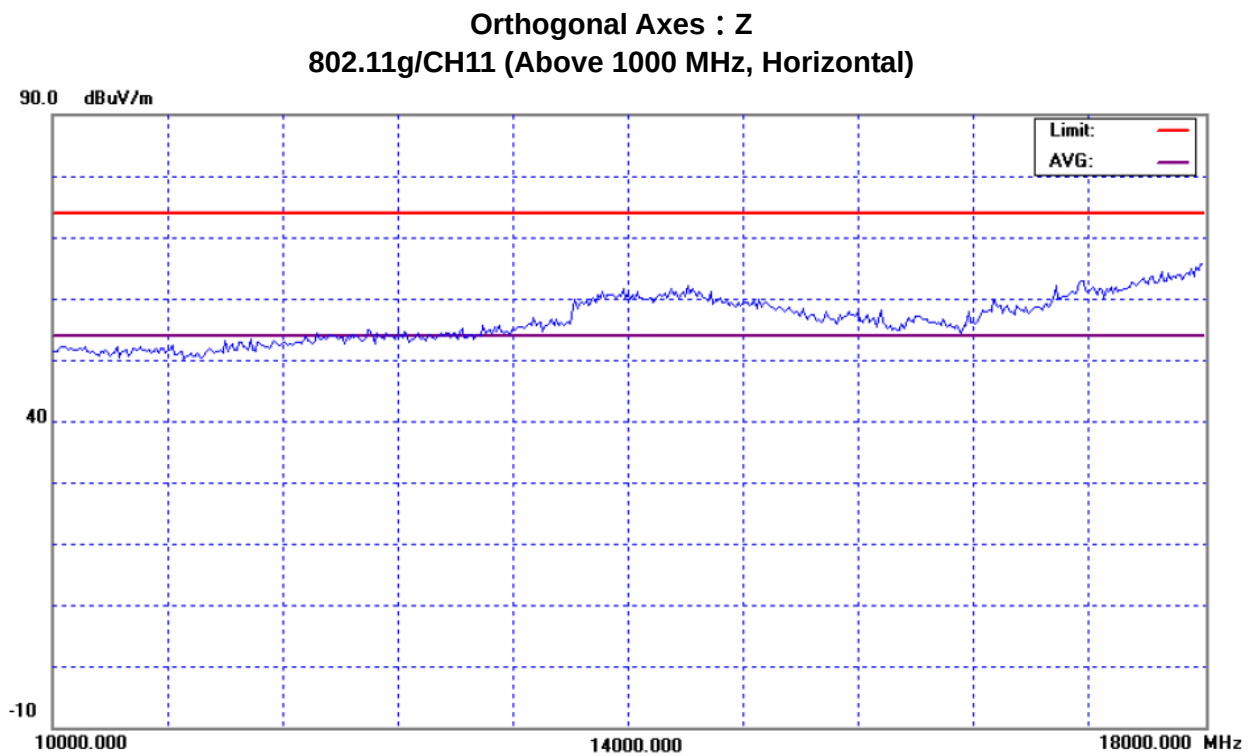
Freq. (MHz)	Ant.Pol. H/V	Reading		Ant./CF CF(dB)	Act.		Limit		Note
		Peak (dBuV)	AV (dBuV)		Peak (dBuV/m)	AV (dBuV/m)	Peak (dBuV/m)	AV (dBuV/m)	
1100.00	H	48.80	*	-8.58	40.22	*	74.00	54.00	Z/H
1350.00	H	47.45	*	-7.44	40.01	*	74.00	54.00	Z/H
1455.00	H	47.85	*	-6.97	40.88	*	74.00	54.00	Z/H
1945.00	H	47.83	*	-4.29	43.54	*	74.00	54.00	Z/H
2265.00	H	48.10	*	-3.31	44.79	*	74.00	54.00	Z/H
2845.00	H	48.10	*	-1.35	46.75	*	74.00	54.00	Z/H
4930.00	H	47.21	37.15	3.38	50.59	40.53	74.00	54.00	Z/H
7386.00	H	41.97	*	8.13	50.10	*	74.00	54.00	Z/H
9848.00	H	41.71	*	10.13	51.84	*	74.00	54.00	Z/H

Remark :

- (1) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 25GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = 200 ms
- (2) All readings are Peak unless otherwise stated QP in column of 『Note』 . Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn't perform ◦
- (3) Measuring frequency range from 30MHz to 1000MHz or the 10th harmonic of highest fundamental frequency ◦ "F" denotes fundamental frequency; "H" denotes spurious frequency. "E" denotes band edge frequency. (This judgment method includes the Band Edge Requirement.)
- (4) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission ◦
- (5) Data of measurement within this frequency range shown " * " in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.
- (6) A preamp and high pass filter were used for this test in order to provide sufficient measurement sensitivity.
- (7) EUT Orthogonal Axes :
"X" - denotes Laid on Table ; "Y" - denotes Vertical Stand ; "Z" - denotes Side Stand

Orthogonal Axes : Z
802.11g/CH11(Above 1000 MHz, Horizontal)





4.2.9 TEST RESULTS (Restricted Bands Requirements)

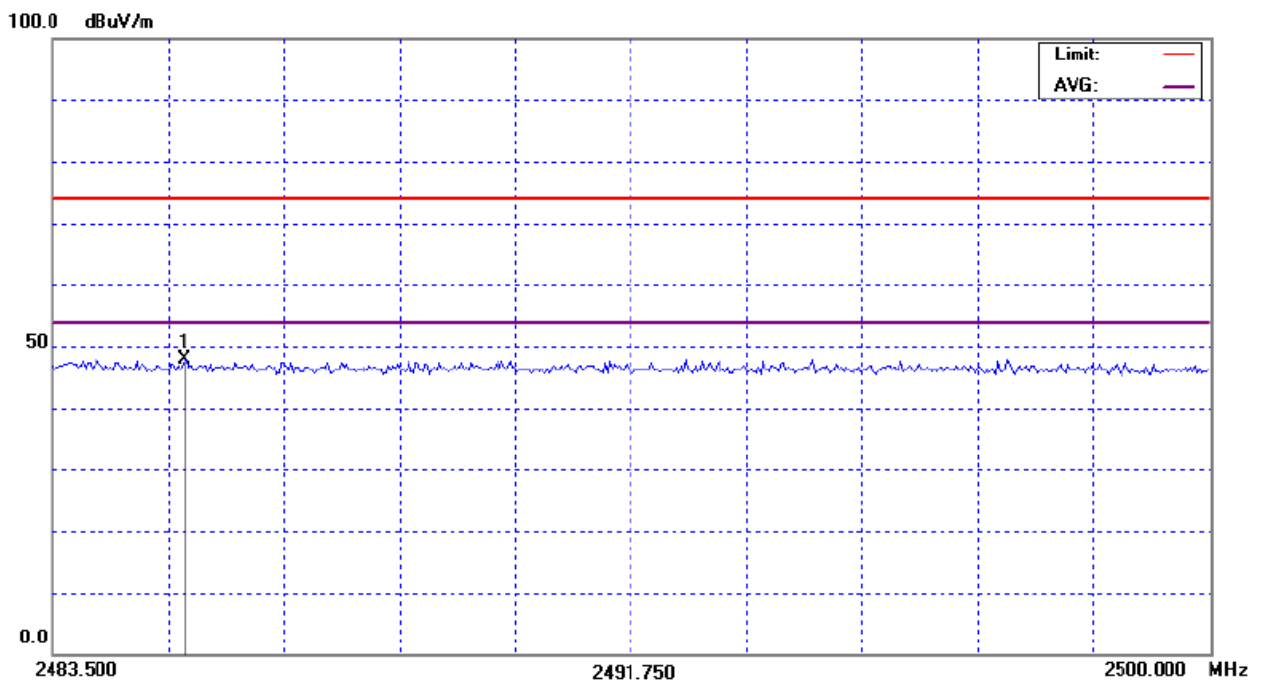
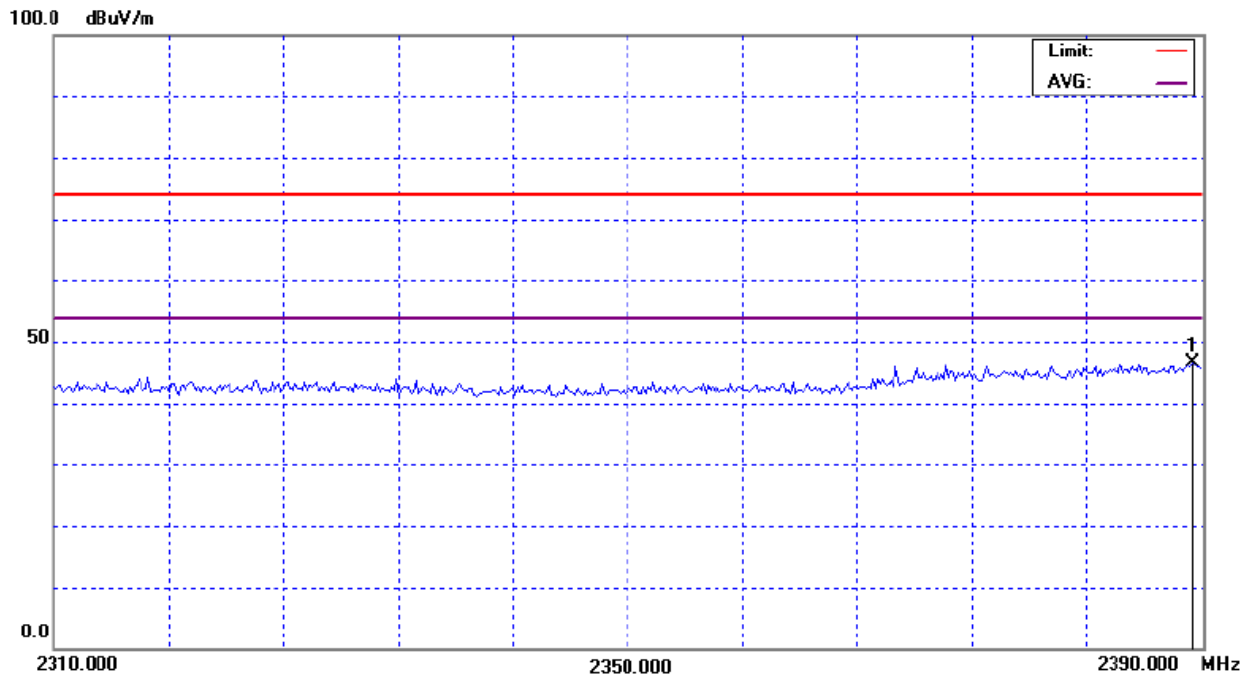
EUT :	@pod (Wireless IP Multimedia Phone)	Model No. :	E800
Temperature :	25 °C	Relative Humidity :	60 %
Pressure :	1009 hPa	Test Power :	AC 120V/60Hz
Test Mode :	802.11b(Vertical)		
Note :	The emission of the carrier radiated field strength is measured for 802.11b (Peak and AV) as following: 1. The transmitter was then configured with the worst case antenna and setup to transmit at the lowest channel (CH01). Then the field strength was measured at 2310-2390 MHz. 2. The transmitter was configured with the worst case antenna and setup to transmit at the highest channel (CH11). Then the field strength was measured at 2483.5-2500 MHz.		

Freq. (MHz)	Ant.Pol. H/V	Reading		Ant./CF CF(dB)	Act.		Limit		Note
		Peak (dBuV)	AV (dBuV)		Peak (dBuV/m)	AV (dBuV/m)	Peak (dBuV/m)	AV (dBuV/m)	
2389.00	V	49.54	*	-2.99	46.55	*	74.00	54.00	Y
2485.00	V	50.62	*	-2.75	47.87	*	74.00	54.00	Y

Remark :

- (1) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 25GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = 200 ms
- (2) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission .
- (3) EUT Orthogonal Axes :
“X” - denotes Laid on Table ; “Y” - denotes Vertical Stand ; “Z” - denotes Side Stand

802.11b (Restricted Bands Requirements, Vertical)



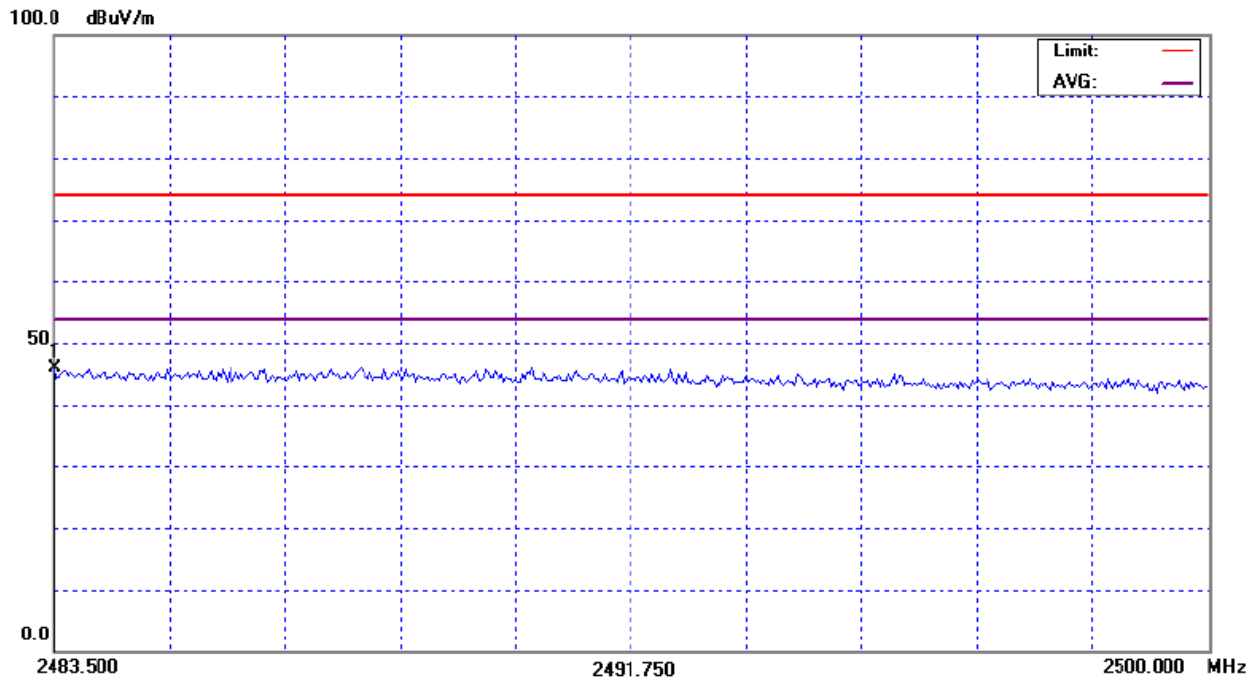
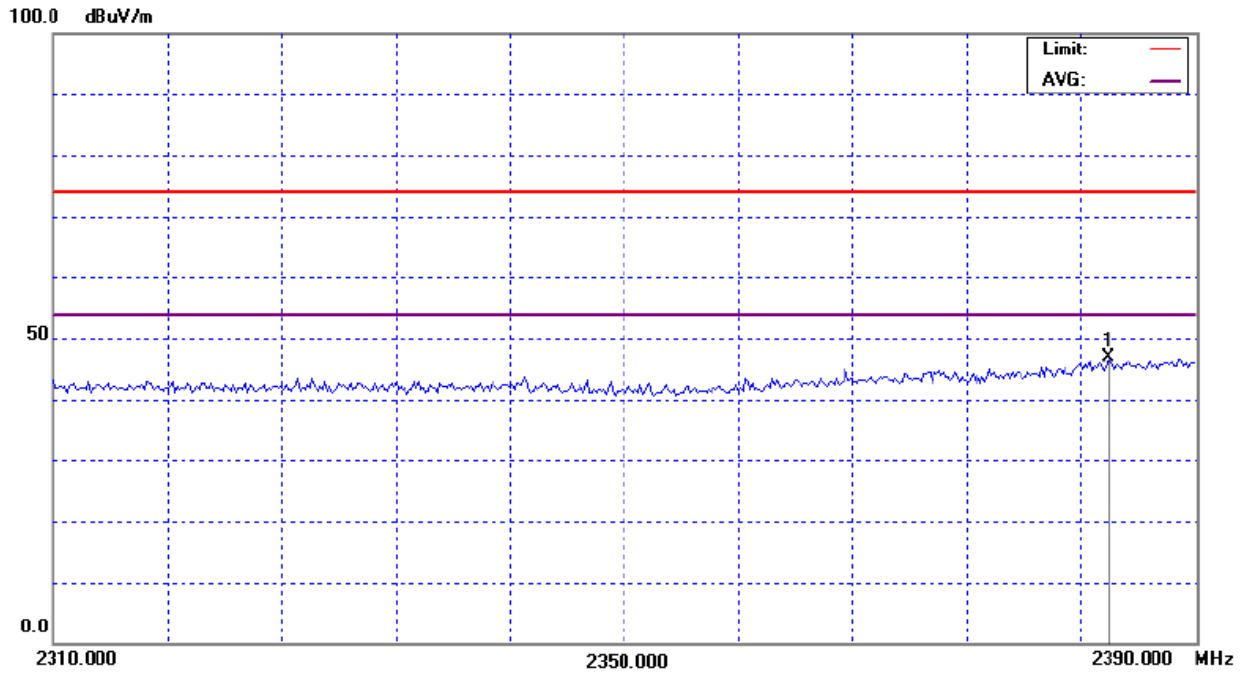
EUT :	@pod (Wireless IP Multimedia Phone)	Model No. :	E800
Temperature :	25 °C	Relative Humidity :	60 %
Pressure :	1009 hPa	Test Power :	AC 120V/60Hz
Test Mode :	802.11b(Horizontal)		
Note :	The emission of the carrier radiated field strength is measured for 802.11b (Peak and AV) as following: 1. The transmitter was then configured with the worst case antenna and setup to transmit at the lowest channel (CH01). Then the field strength was measured at 2310-2390 MHz. 2. The transmitter was configured with the worst case antenna and setup to transmit at the highest channel (CH11). Then the field strength was measured at 2483.5-2500 MHz.		

Freq. (MHz)	Ant.Pol. H/V	Reading		Ant./CF CF(dB)	Act.		Limit		Note
		Peak (dBuV)	AV (dBuV)		Peak (dBuV/m)	AV (dBuV/m)	Peak (dBuV/m)	AV (dBuV/m)	
2383.00	H	49.98	*	-3.01	46.97	*	74.00	54.00	Y
2483.00	H	48.54	*	-2.75	45.79	*	74.00	54.00	Y

Remark :

- (1) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 25GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = 200 ms
- (2) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission ◦
- (3) EUT Orthogonal Axes :
“X” - denotes Laid on Table ; “Y” - denotes Vertical Stand ; “Z” - denotes Side Stand

802.11b (Restricted Bands Requirements, Horizontal)



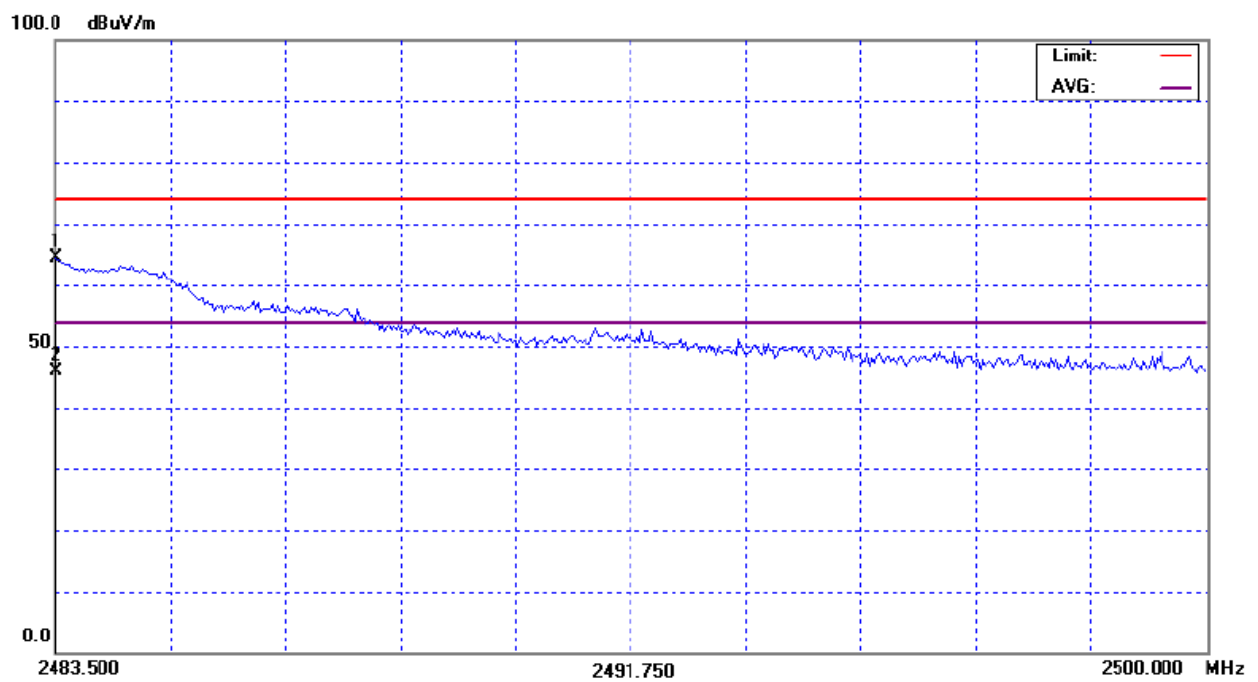
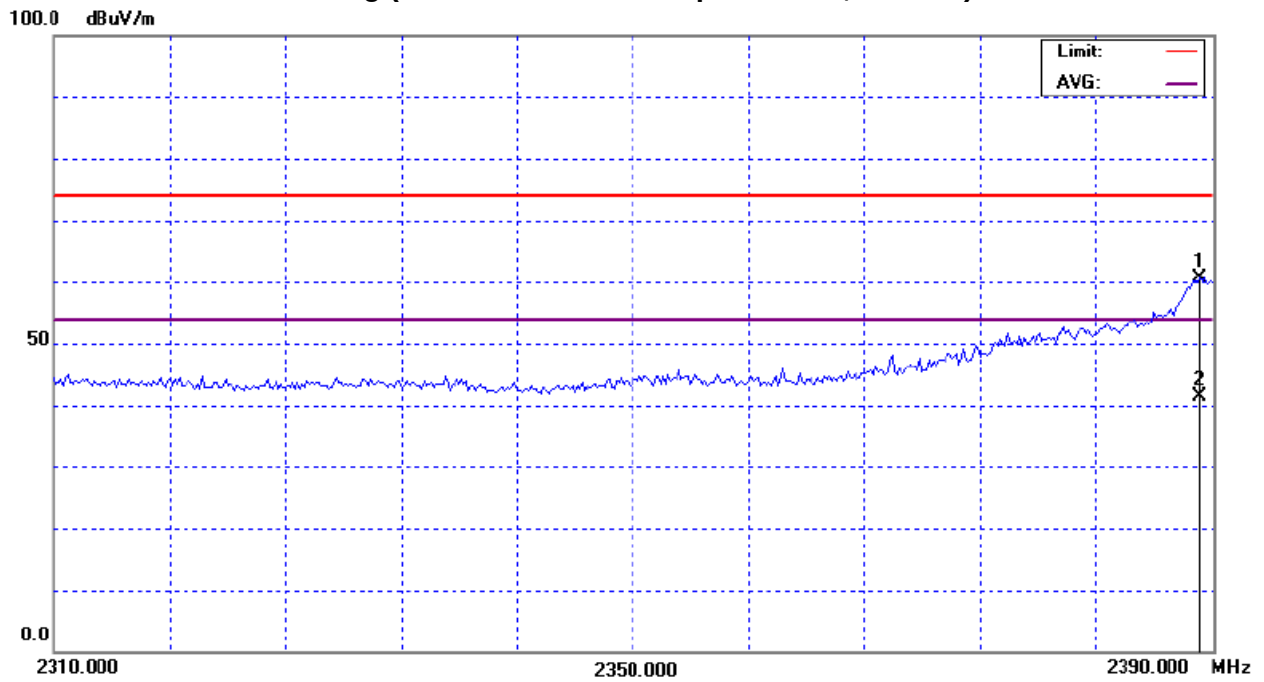
EUT :	@pod (Wireless IP Multimedia Phone)	Model No. :	E800
Temperature :	25 °C	Relative Humidity :	60 %
Pressure :	1009 hPa	Test Power :	AC 120V/60Hz
Test Mode :	802.11g(Vertical)		
Note :	The emission of the carrier radiated field strength is measured for 802.11g (Peak and AV) as following: 1. The transmitter was then configured with the worst case antenna and setup to transmit at the lowest channel (CH01). Then the field strength was measured at 2310-2390 MHz. 2. The transmitter was configured with the worst case antenna and setup to transmit at the highest channel (CH11). Then the field strength was measured at 2483.5-2500 MHz.		

Freq. (MHz)	Ant.Pol. H/V	Reading		Ant./CF CF(dB)	Act.		Limit		Note
		Peak (dBuV)	AV (dBuV)		Peak (dBuV/m)	AV (dBuV/m)	Peak (dBuV/m)	AV (dBuV/m)	
2389.00	V	63.56	44.25	-2.99	60.57	41.26	74.00	54.00	Y
2483.00	V	67.17	48.71	-2.75	64.42	45.96	74.00	54.00	Y

Remark :

- (1) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 25GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = 200 ms
- (2) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission ◦
- (3) EUT Orthogonal Axes :
“X” - denotes Laid on Table ; “Y” - denotes Vertical Stand ; “Z” - denotes Side Stand

802.11g (Restricted Bands Requirements, Vertical)



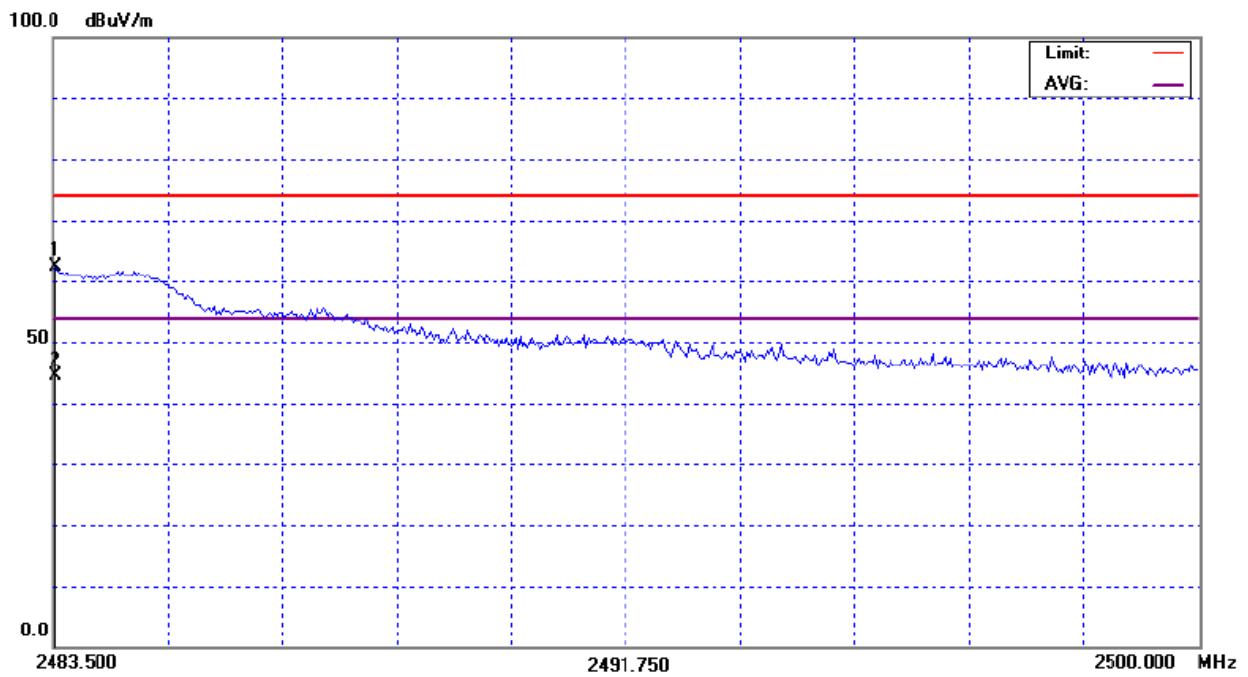
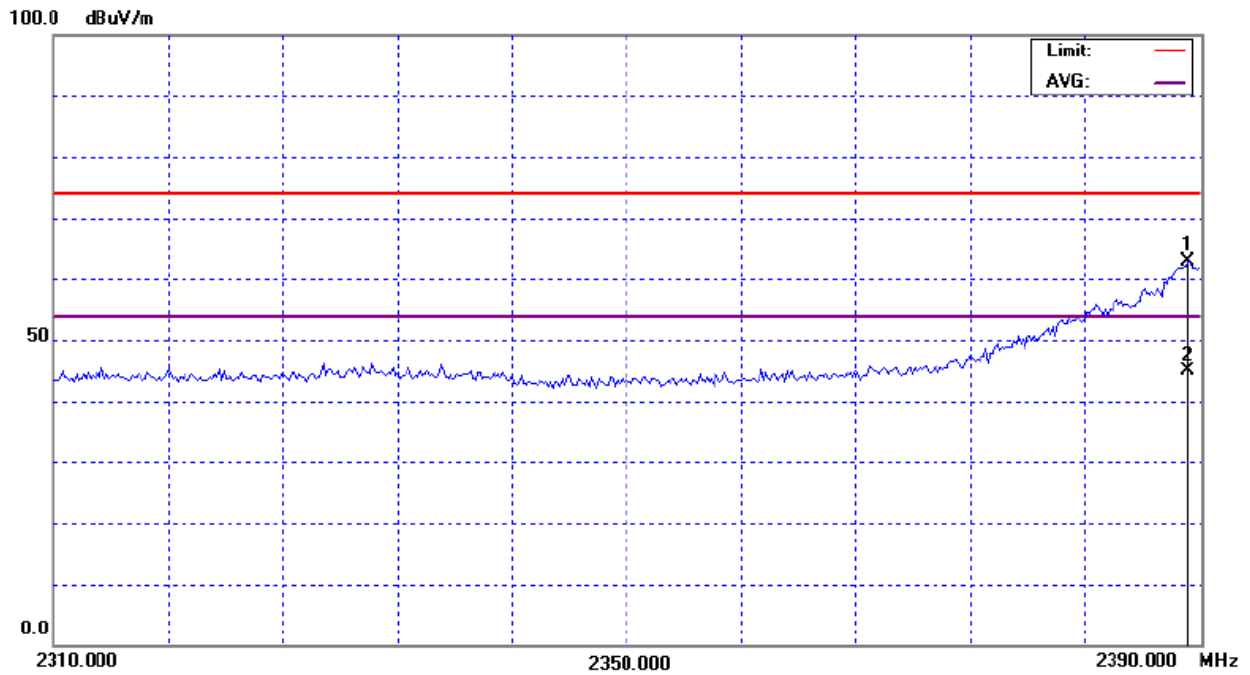
EUT :	@pod (Wireless IP Multimedia Phone)	Model No. :	E800
Temperature :	25 °C	Relative Humidity :	60 %
Pressure :	1009 hPa	Test Power :	AC 120V/60Hz
Test Mode :	802.11g(Horizontal)		
Note :	The emission of the carrier radiated field strength is measured for 802.11g (Peak and AV) as following: 1. The transmitter was then configured with the worst case antenna and setup to transmit at the lowest channel (CH01). Then the field strength was measured at 2310-2390 MHz. 2. The transmitter was configured with the worst case antenna and setup to transmit at the highest channel (CH11). Then the field strength was measured at 2483.5-2500 MHz.		

Freq. (MHz)	Ant.Pol. H/V	Reading		Ant./CF CF(dB)	Act.		Limit		Note
		Peak (dBuV)	AV (dBuV)		Peak (dBuV/m)	AV (dBuV/m)	Peak (dBuV/m)	AV (dBuV/m)	
2389.00	H	65.90	47.76	-2.99	62.91	44.77	74.00	54.00	Y
2483.00	H	65.17	47.03	-2.75	62.42	44.28	74.00	54.00	Y

Remark :

- (1) Spectrum Setting : 30MHz – 1000MHz , RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms. 1GHz- 25GHz, RBW= 1MHz, VBW= 1MHz, Sweep time = 200 ms
- (2) Radiated emissions measured in frequency range above 1000MHz were made with an instrument using Peak detector mode and AV detector mode of the emission ◦
- (3) EUT Orthogonal Axes :
“X” - denotes Laid on Table ; “Y” - denotes Vertical Stand ; “Z” - denotes Side Stand

802.11g (Restricted Bands Requirements, Horizontal)



5. BANDWIDTH TEST

5.1 APPLIED PROCEDURES / LIMIT

FCC Part15 (15.247) , Subpart C				
Section	Test Item	Limit	Frequency Range (MHz)	Result
15.247 (a)(2)	Bandwidth	$\geq 500\text{KHz}$ (6dB bandwidth)	2400-2483.5	PASS

5.1.1 MEASUREMENT INSTRUMENTS LIST

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP_40	100129	Jan. 09, 2007

Remark: " N/A" denotes No Model No. , Serial No. or No Calibration specified.

5.1.2 TEST PROCEDURE

- The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below,
- Spectrum Setting : RBW= 100KHz, VBW=100KHz, Sweep time = 20 ms.

5.1.3 DEVIATION FROM STANDARD

No deviation.

5.1.4 TEST SETUP



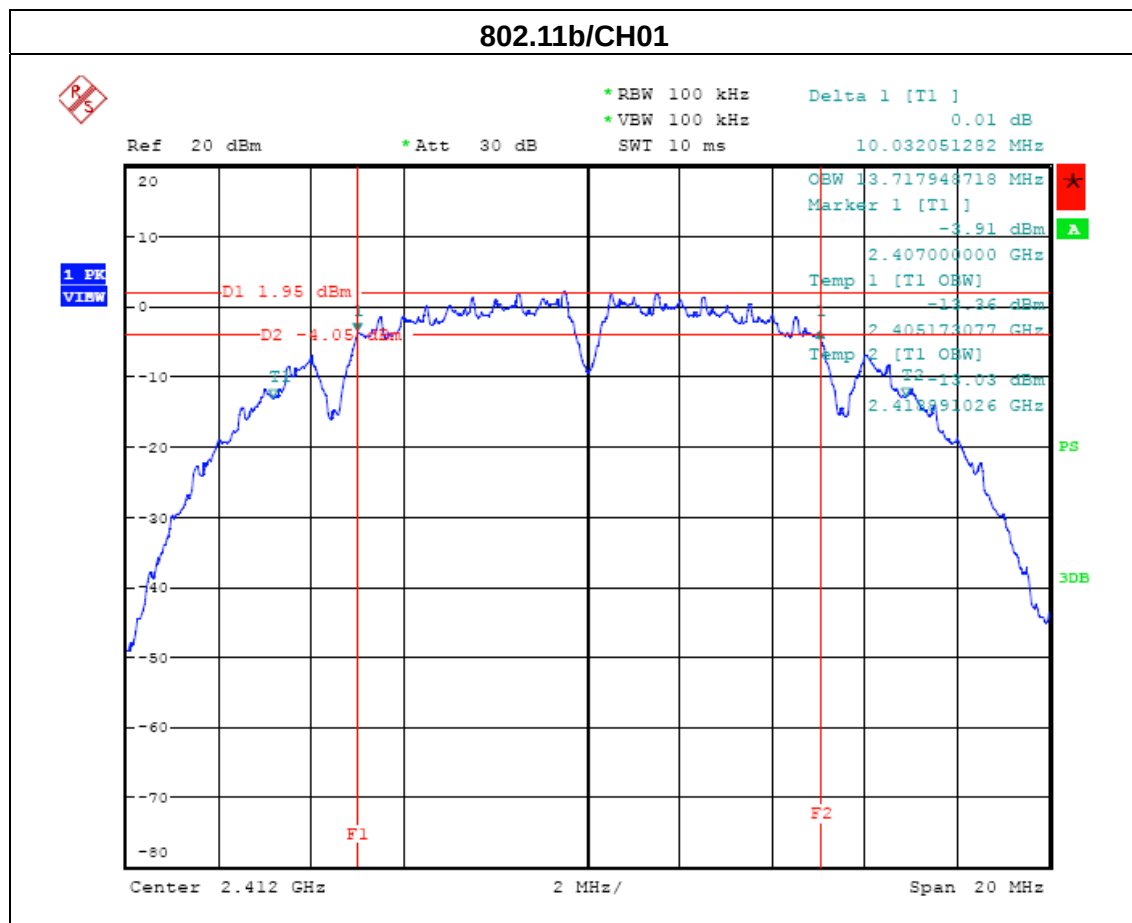
5.1.5 EUT OPERATION CONDITIONS

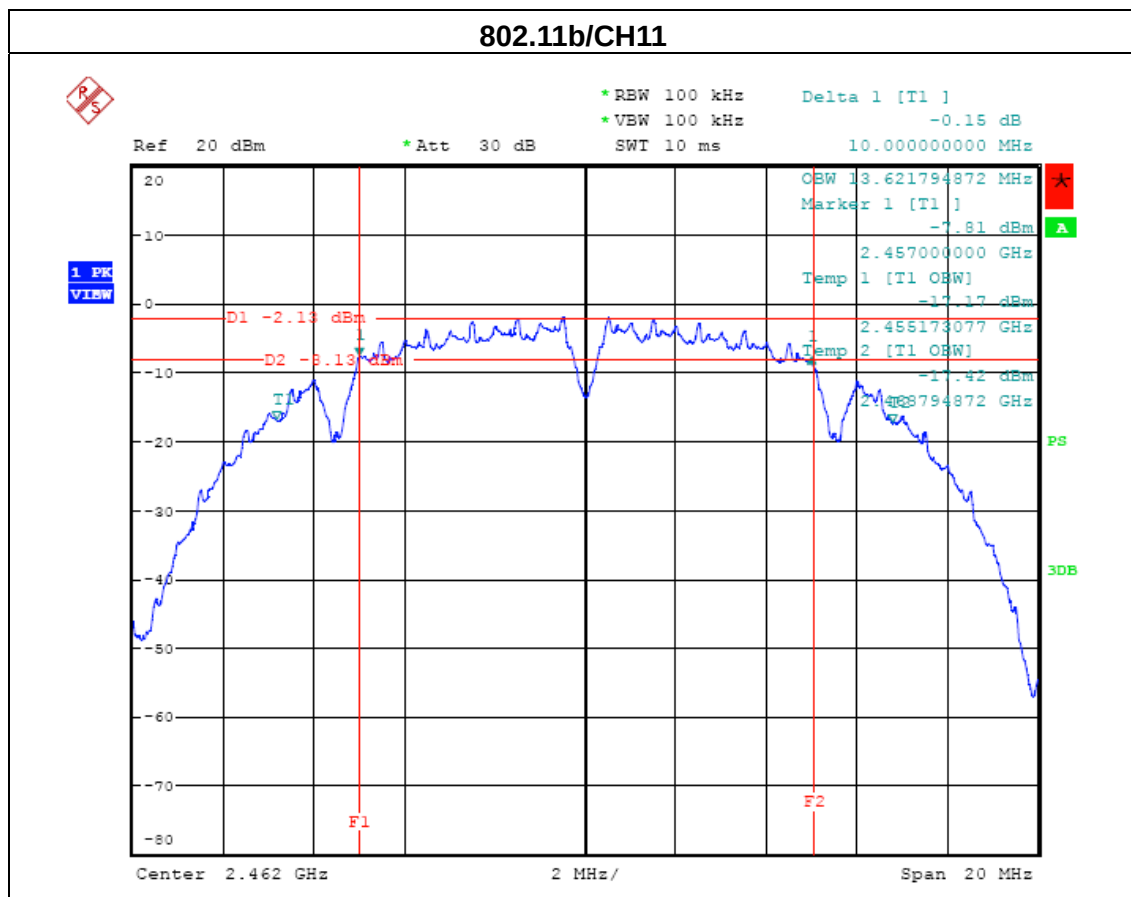
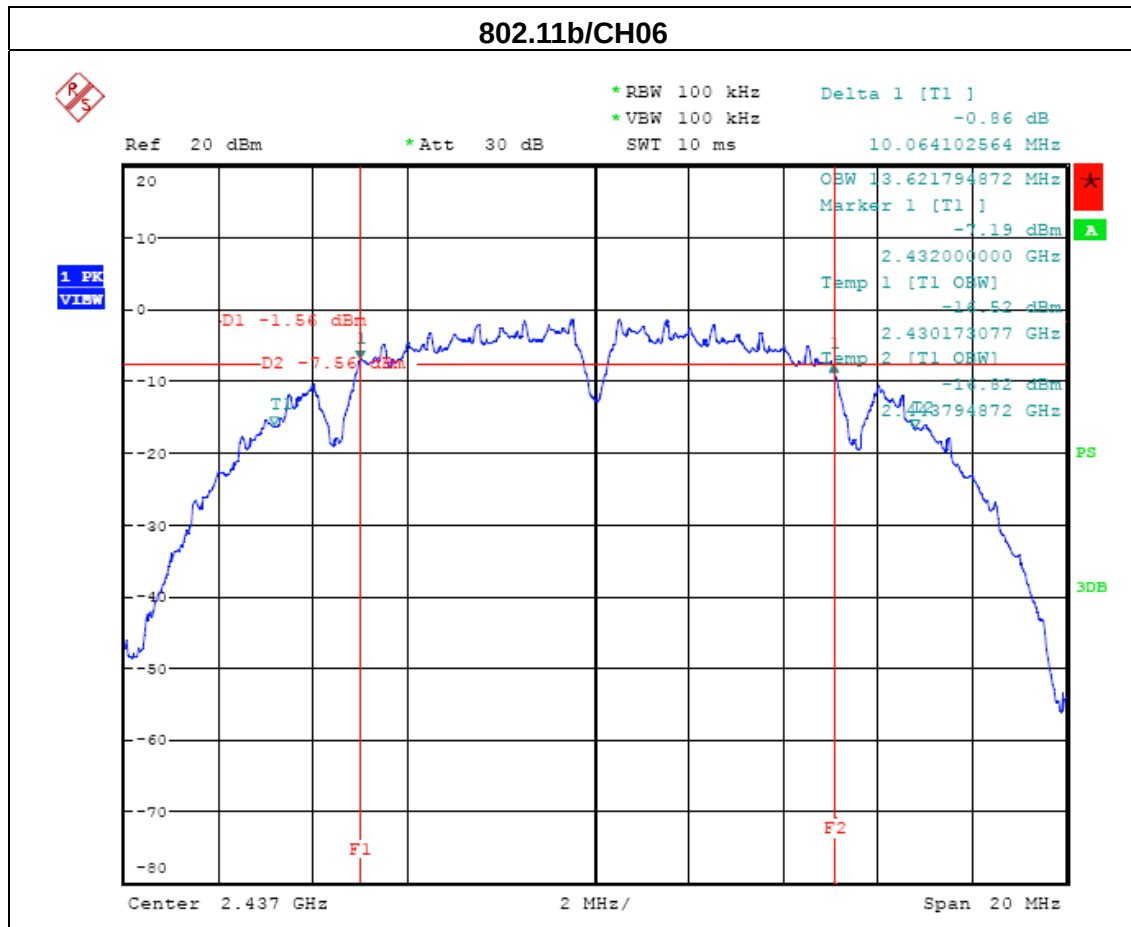
The EUT tested system was configured as the statements of 4.1.6 Unless otherwise a special operating condition is specified in the follows during the testing.

5.1.6 TEST RESULTS

EUT :	@pod (Wireless IP Multimedia Phone)	Model No. :	E800
Temperature :	27 °C	Relative Humidity :	58 %
Pressure :	1004 hPa	Test Power :	AC 120V/60Hz
Test Mode :	802.11b/CH01, CH06, CH11		

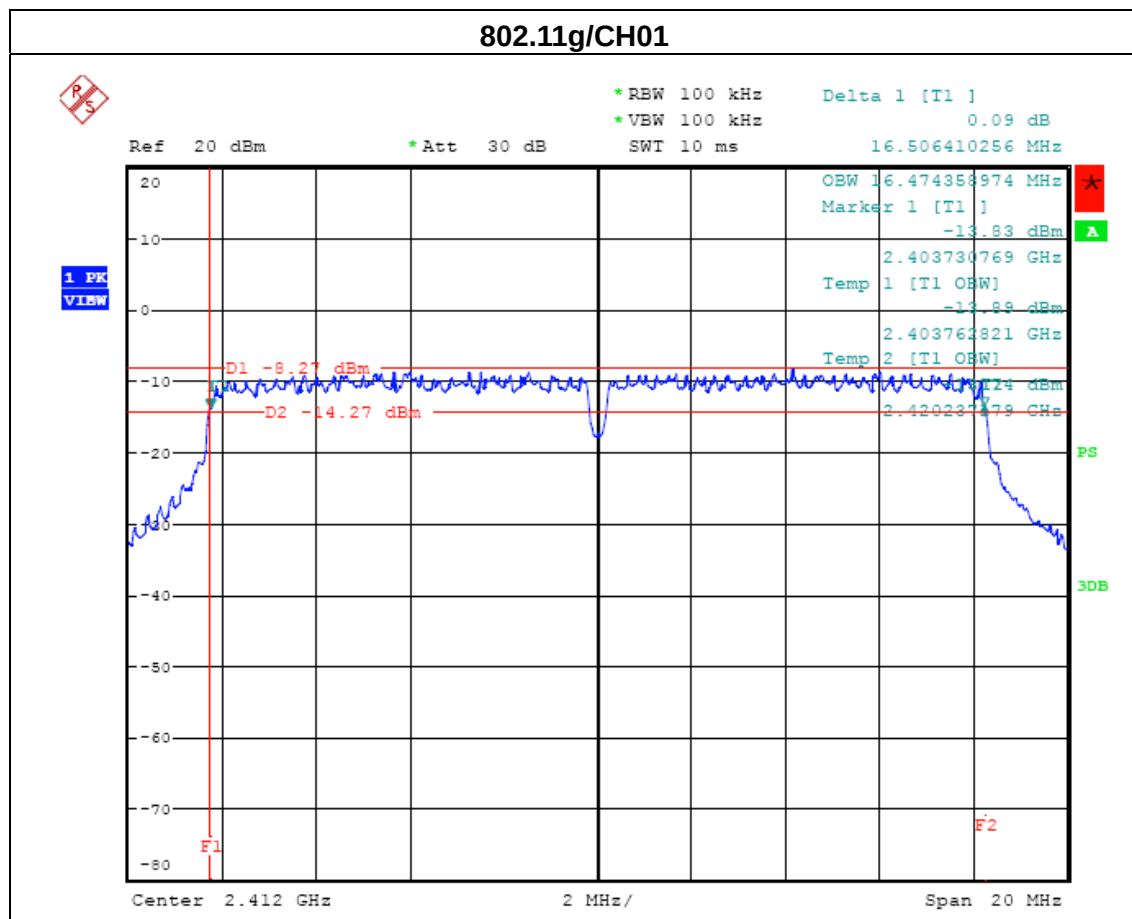
Test Channel	Frequency (MHz)	Bandwidth (MHz)	LIMIT (MHz)
CH01	2412	10.03	>=500KHz
CH06	2437	10.06	>=500KHz
CH11	2462	10.00	>=500KHz

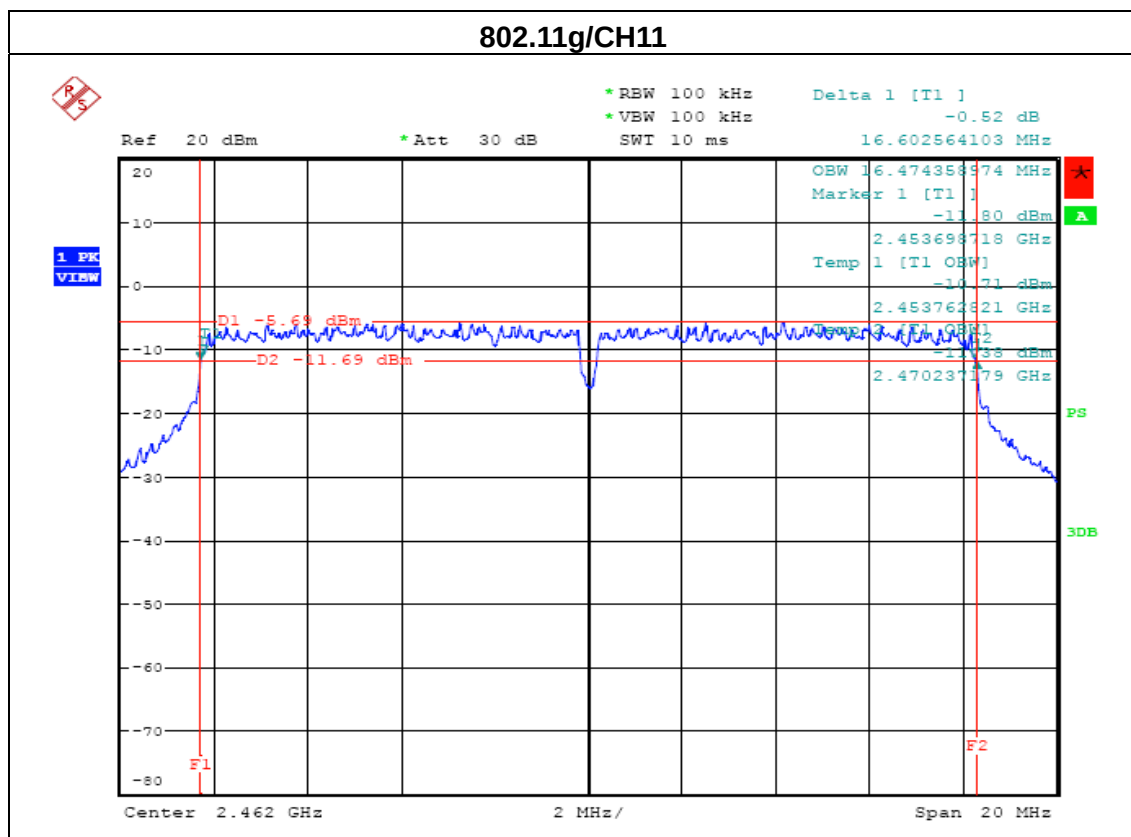
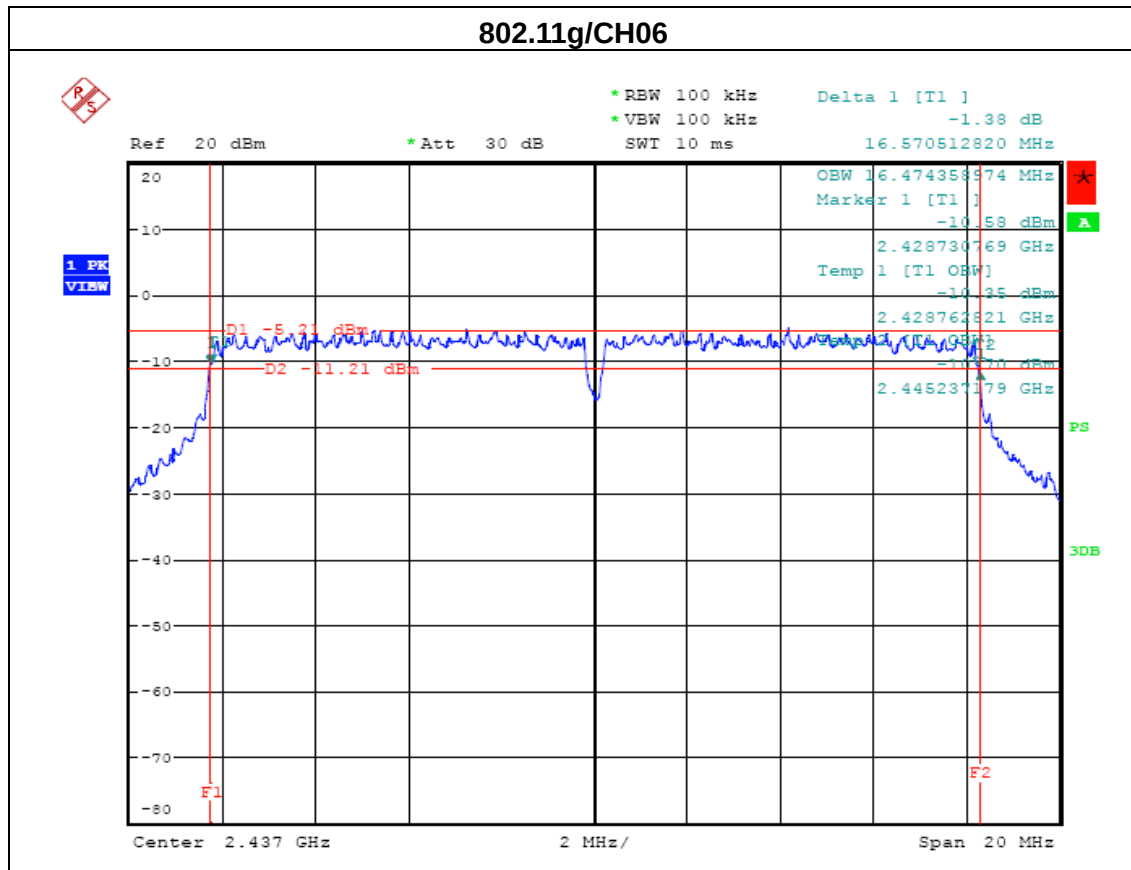




EUT :	@pod (Wireless IP Multimedia Phone)	Model No. :	E800
Temperature :	27 °C	Relative Humidity :	58 %
Pressure :	1004 hPa	Test Power :	AC 120V/60Hz
Test Mode :	802.11g/CH01, CH06, CH11		

Test Channel	Frequency (MHz)	Bandwidth (MHz)	LIMIT (MHz)
CH01	2412	16.50	>=500KHz
CH06	2437	16.57	>=500KHz
CH11	2462	16.60	>=500KHz





6. PEAK OUTPUT POWER TEST

6.1 APPLIED PROCEDURES / LIMIT

FCC Part15 (15.247) , Subpart C				
Section	Test Item	Limit	Frequency Range (MHz)	Result
15.247 (b)(1)	Peak Output Power	1 watt or 30dBm	2400-2483.5	PASS

6.1.1 MEASUREMENT INSTRUMENTS LIST

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	ADVAN TEST	R3132	81700025	Mar. 14, 2007

Remark: " N/A" denotes No Model No. , Serial No. or No Calibration specified.

6.1.2 TEST PROCEDURE

- The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below,
- Spectrum Setting : RBW= 3MHz, VBW= 3MHz, Sweep time = 20 ms.

6.1.3 DEVIATION FROM STANDARD

No deviation.

6.1.4 TEST SETUP



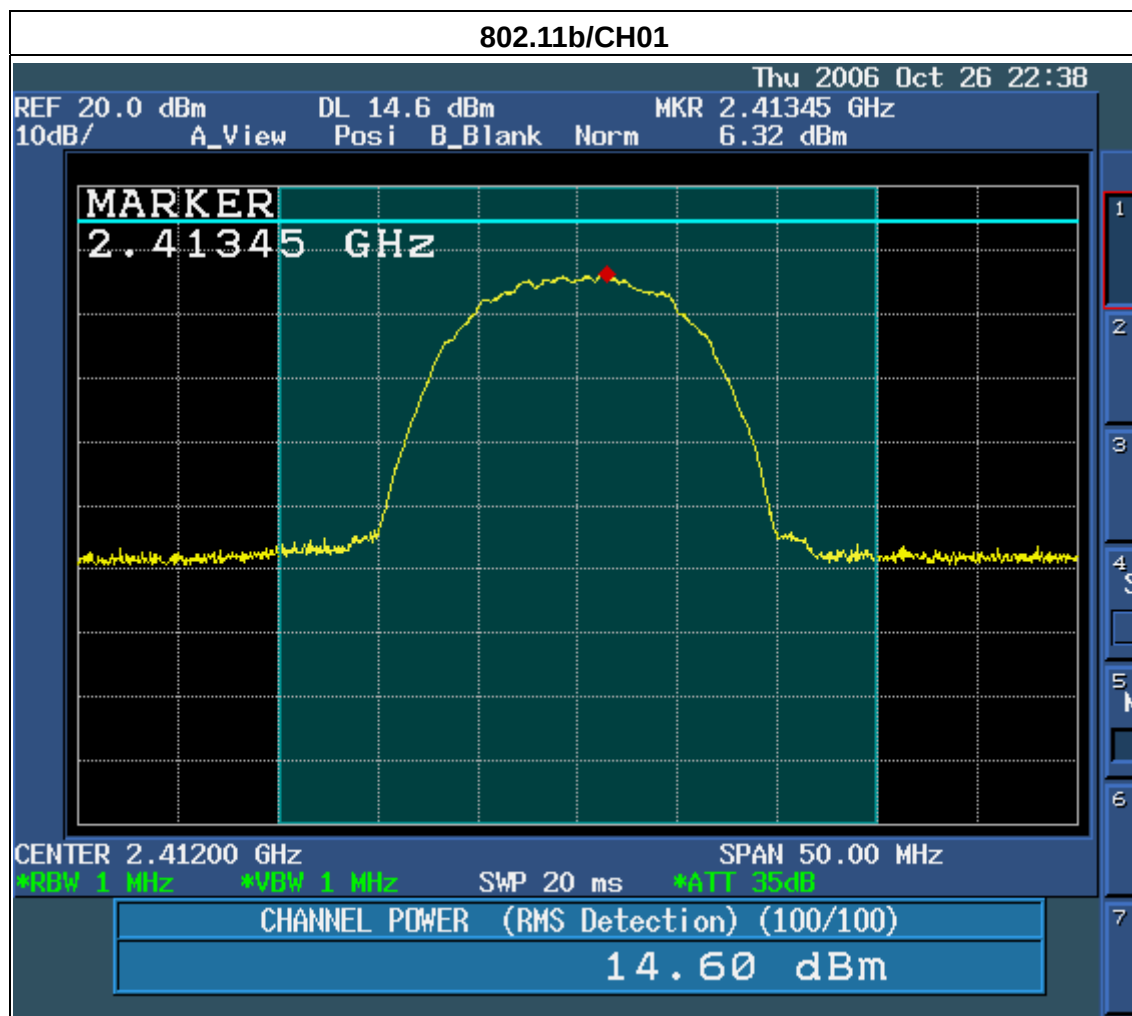
6.1.5 EUT OPERATION CONDITIONS

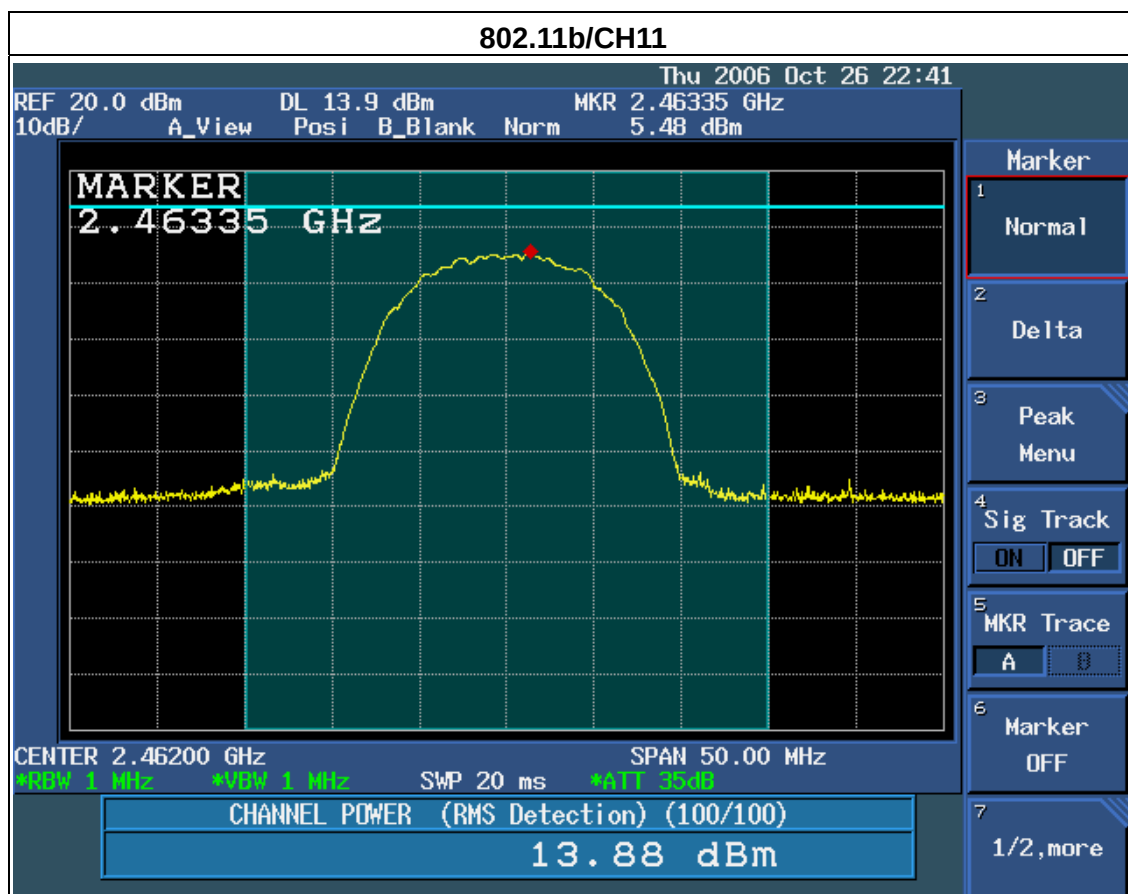
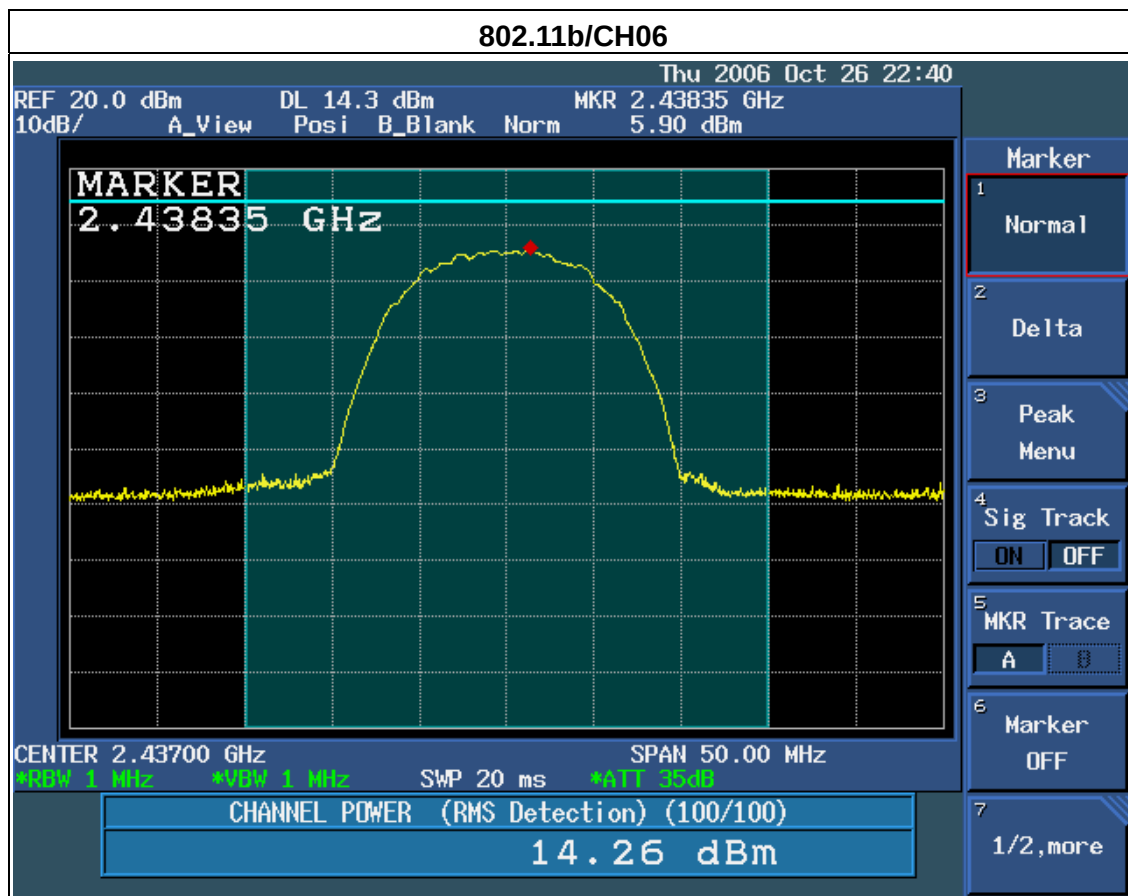
The EUT tested system was configured as the statements of 4.1.6 Unless otherwise a special operating condition is specified in the follows during the testing.

6.1.6 TEST RESULTS

EUT :	@pod (Wireless IP Multimedia Phone)	Model No. :	E800
Temperature :	27 °C	Relative Humidity :	58 %
Pressure :	1004 hPa	Test Power :	AC 120V/60Hz
Test Mode :	802.11b/CH01, CH06, CH11		

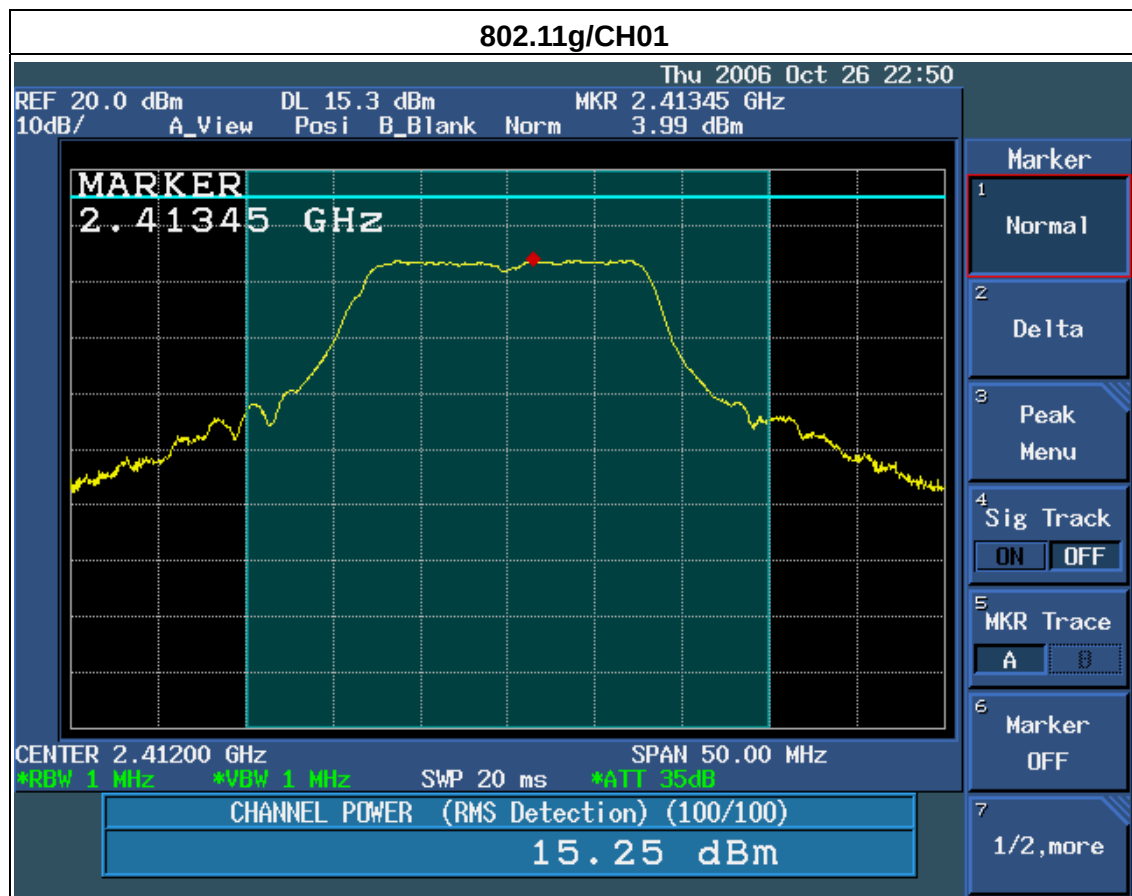
Test Channel	Frequency (MHz)	Peak Output Power (dBm)	LIMIT (dBm)	LIMIT (W)
CH01	2412	14.60	30	1
CH06	2437	14.26	30	1
CH11	2462	13.88	30	1





EUT :	@pod (Wireless IP Multimedia Phone)	Model No. :	E800
Temperature :	27 °C	Relative Humidity :	58 %
Pressure :	1004 hPa	Test Power :	AC 120V/60Hz
Test Mode :	802.11g/CH01, CH06, CH11		

Test Channel	Frequency (MHz)	Peak Output Power (dBm)	LIMIT (dBm)	LIMIT (W)
CH01	2412	15.25	30	1
CH06	2437	14.70	30	1
CH11	2462	13.82	30	1





7. ANTENNA CONDUCTED SPURIOUS EMISSION

7.1 APPLIED PROCEDURES / LIMIT

FCC Part15 (15.247) , Subpart C				
Section	Test Item	Limit	Frequency Range (MHz)	Result
15.247 (c)	Antenna conducted Spurious Emission	20dB less than the peak value of fundamental frequency	30-25000	PASS

7.1.1 MEASUREMENT INSTRUMENTS LIST

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP_40	100129	Jan. 09, 2007

Remark: " N/A" denotes No Model No. , Serial No. or No Calibration specified.

7.1.2 TEST PROCEDURE

- The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below,
- Spectrum Setting : RBW= 100KHz, VBW=100KHz, Sweep time = 200 ms.

7.1.3 DEVIATION FROM STANDARD

No deviation.

7.1.4 TEST SETUP



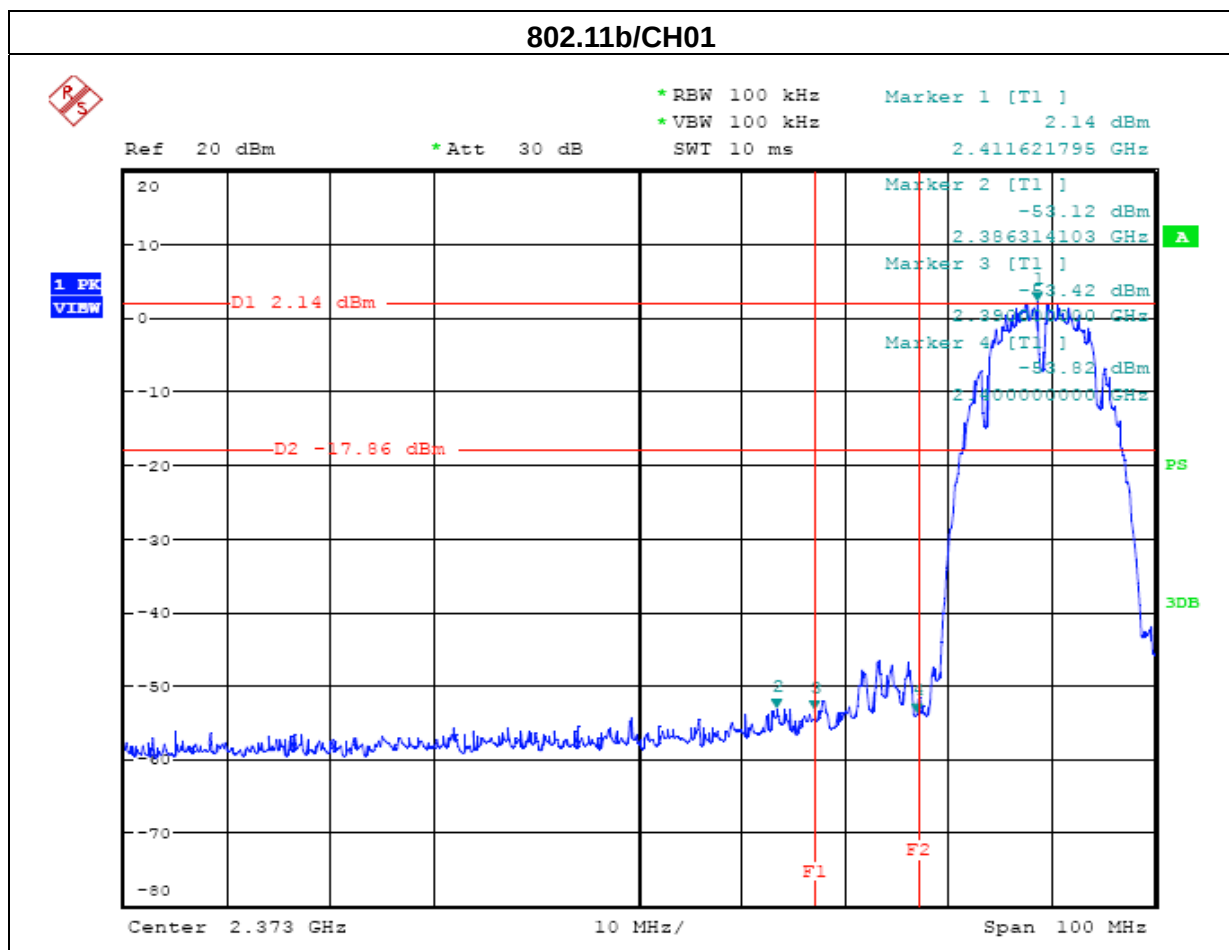
7.1.5 EUT OPERATION CONDITIONS

The EUT tested system was configured as the statements of 4.1.6 Unless otherwise a special operating condition is specified in the follows during the testing.

7.1.6 TEST RESULTS

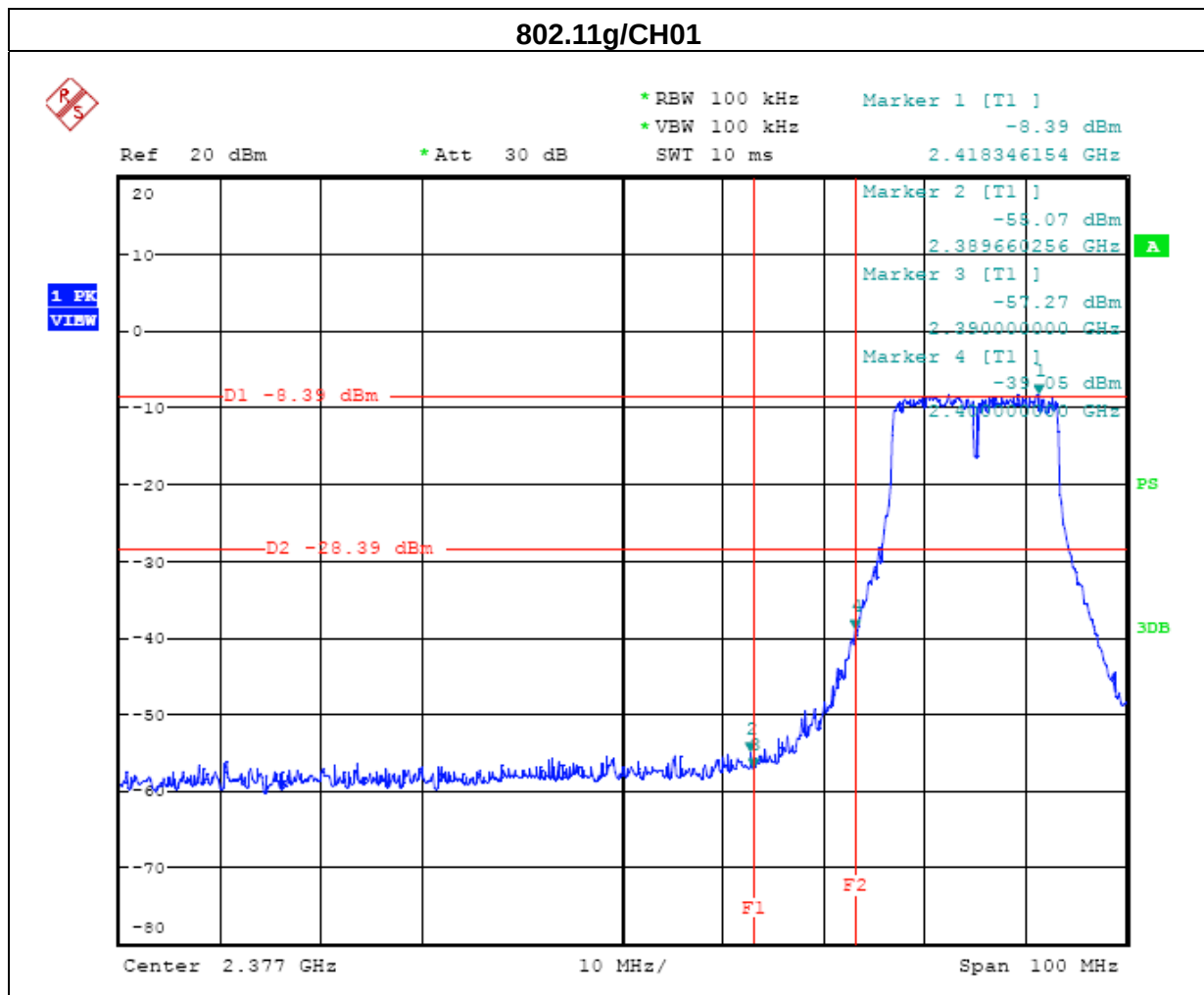
EUT :	@pod (Wireless IP Multimedia Phone)	Model No. :	E800
Temperature :	27 °C	Relative Humidity :	58 %
Pressure :	1004 hPa	Test Power :	AC 120V/60Hz
Test Mode :	802.11b/CH01, CH11		

Channel of Worst Data: CH01			
The max. radio frequency power in any 100kHz bandwidth outside the frequency band		The max. radio frequency power in any 100 kHz bandwidth within the frequency band.	
FREQUENCY(MHz)	POWER(dBm)	FREQUENCY(MHz)	POWER(dBm)
2386.3	-53.12	2411.6	2.14
Result			
In any 100kHz bandwidth outside the frequency band, the radio frequency power is at least 20dB below that in the 100kHz bandwidth within the band that contains the highest level of the desired power.			



EUT :	@pod (Wireless IP Multimedia Phone)	Model No. :	E800
Temperature :	27 °C	Relative Humidity :	58 %
Pressure :	1004 hPa	Test Power :	AC 120V/60Hz
Test Mode :	802.11g/CH01, CH06, CH11		

Channel of Worst Data: CH01			
The max. radio frequency power in any 100kHz bandwidth outside the frequency band		The max. radio frequency power in any 100 kHz bandwidth within the frequency band.	
FREQUENCY(MHz)	POWER(dBm)	FREQUENCY(MHz)	POWER(dBm)
2389.6	-55.07	2418.3	-8.39
Result			
In any 100kHz bandwidth outside the frequency band, the radio frequency power is at least 20dB below that in the 100kHz bandwidth within the band that contains the highest level of the desired power.			



8. POWER SPECTRAL DENSITY TEST

8.1 APPLIED PROCEDURES / LIMIT

FCC Part15 (15.247) , Subpart C				
Section	Test Item	Limit	Frequency Range (MHz)	Result
15.247 (d)	Power Spectral Density	8 dBm (in any 3KHz)	2400-2483.5	PASS

8.1.1 MEASUREMENT INSTRUMENTS LIST

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP_40	100129	Jan. 09, 2007

Remark: " N/A" denotes No Model No. , Serial No. or No Calibration specified.

8.1.2 TEST PROCEDURE

- The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below,
- Spectrum Setting : RBW=3KHz, VBW=3KHz, Sweep time = 200s.

8.1.3 DEVIATION FROM STANDARD

No deviation.

8.1.4 TEST SETUP



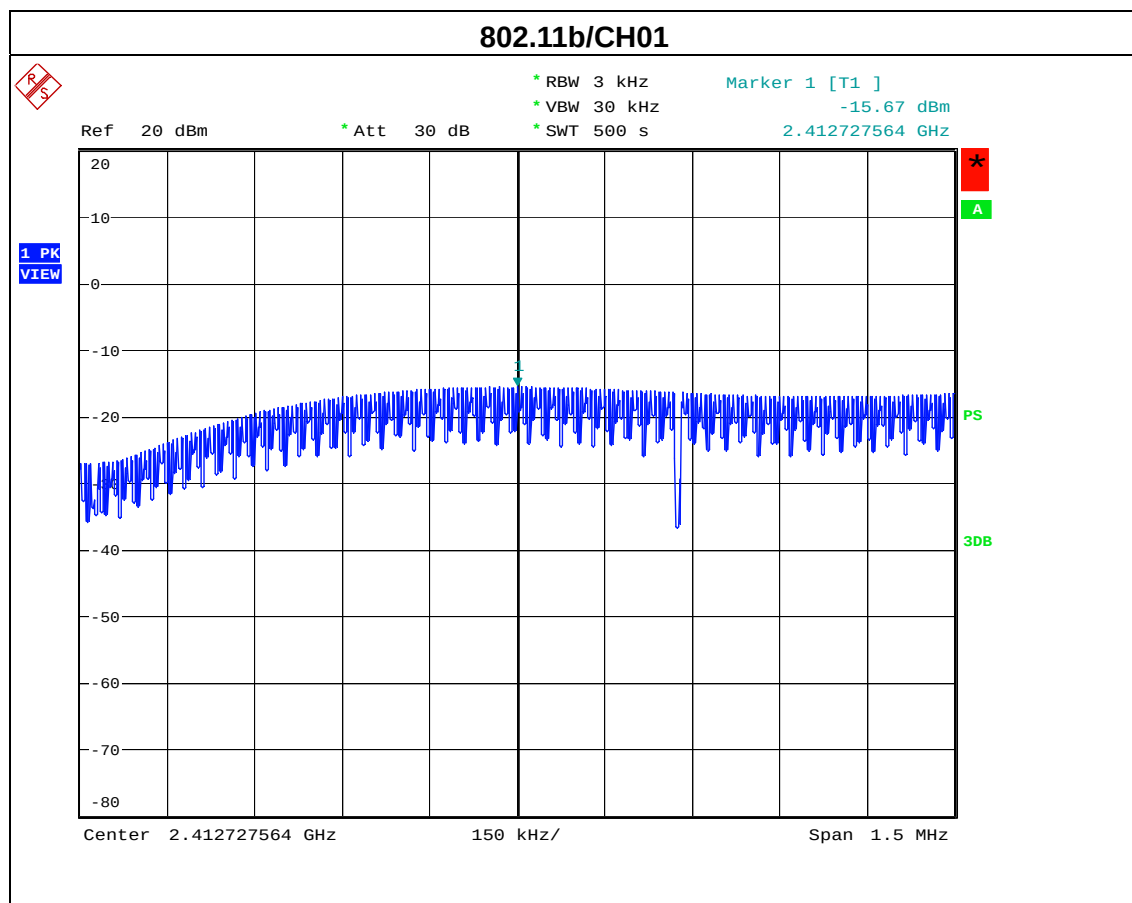
8.1.5 EUT OPERATION CONDITIONS

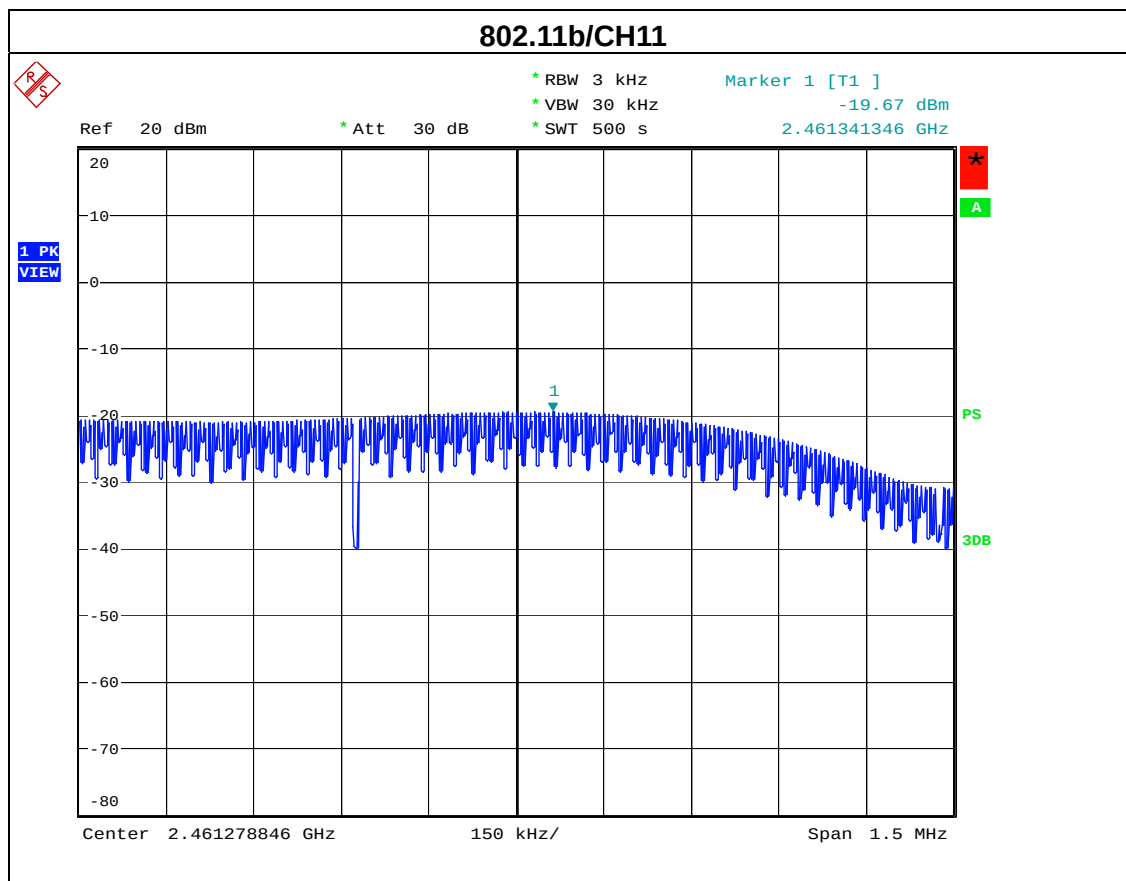
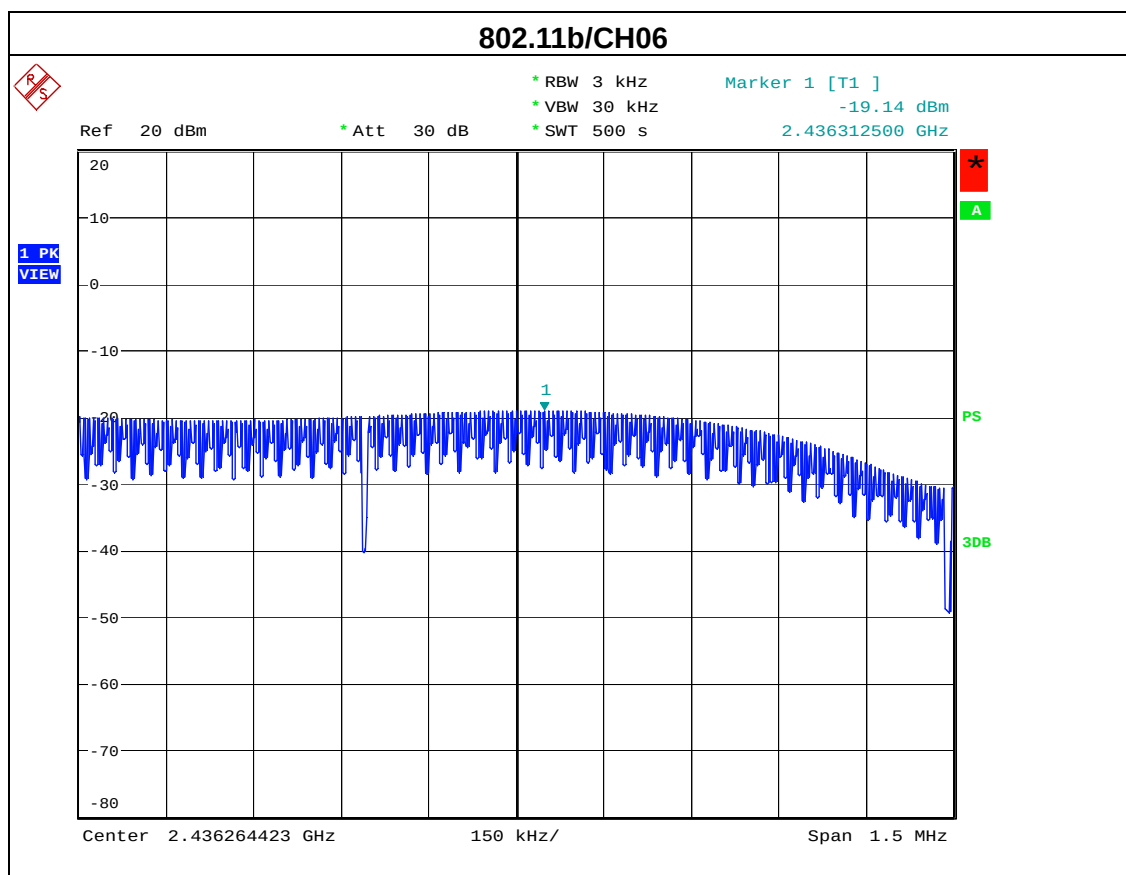
The EUT tested system was configured as the statements of 4.1.6 Unless otherwise a special operating condition is specified in the follows during the testing.

8.1.6 TEST RESULTS

EUT :	@pod (Wireless IP Multimedia Phone)	Model No. :	E800
Temperature :	27 °C	Relative Humidity :	58 %
Pressure :	1004 hPa	Test Power :	AC 120V/60Hz
Test Mode :	802.11b/CH01, CH06, CH11		

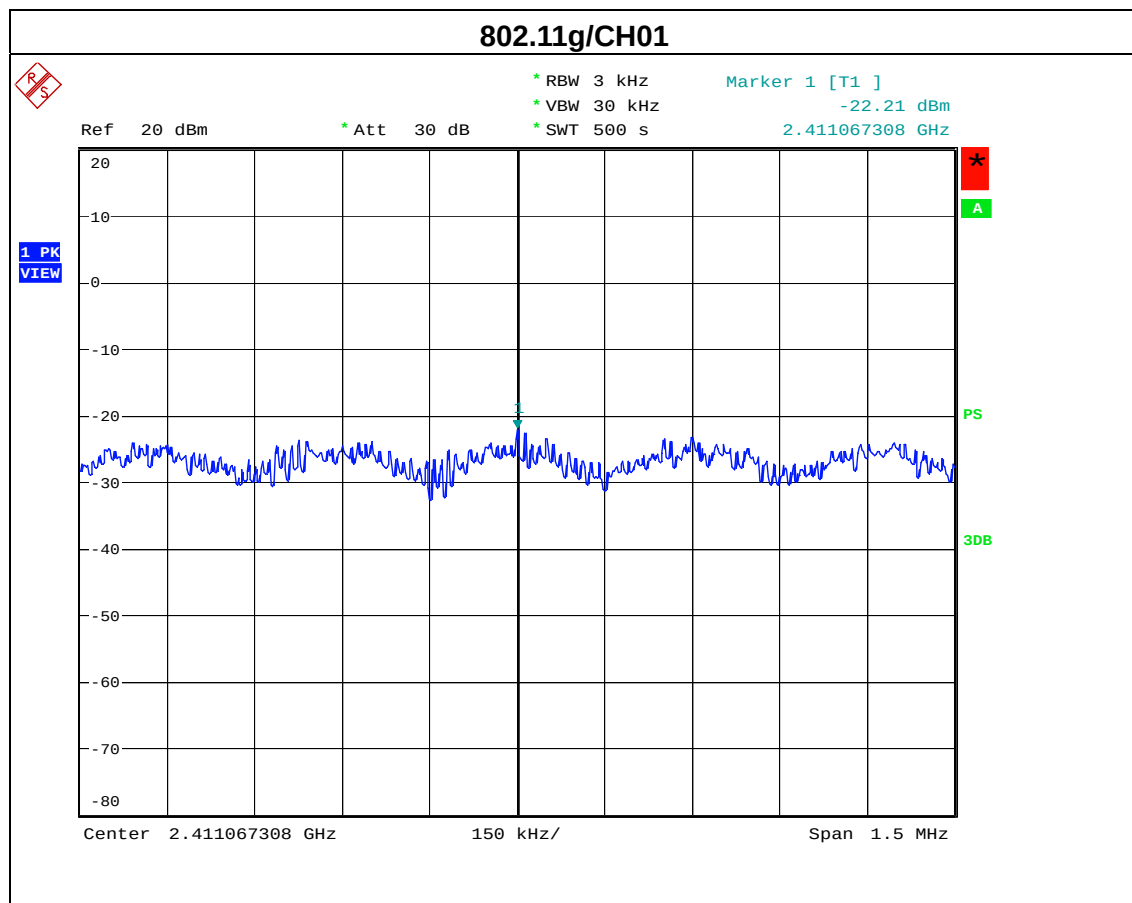
Test Channel	Frequency (MHz)	Peak Output Power (dBm)	LIMIT (dBm)
CH01	2412	-15.67	8
CH06	2437	-19.14	8
CH11	2462	-19.67	8

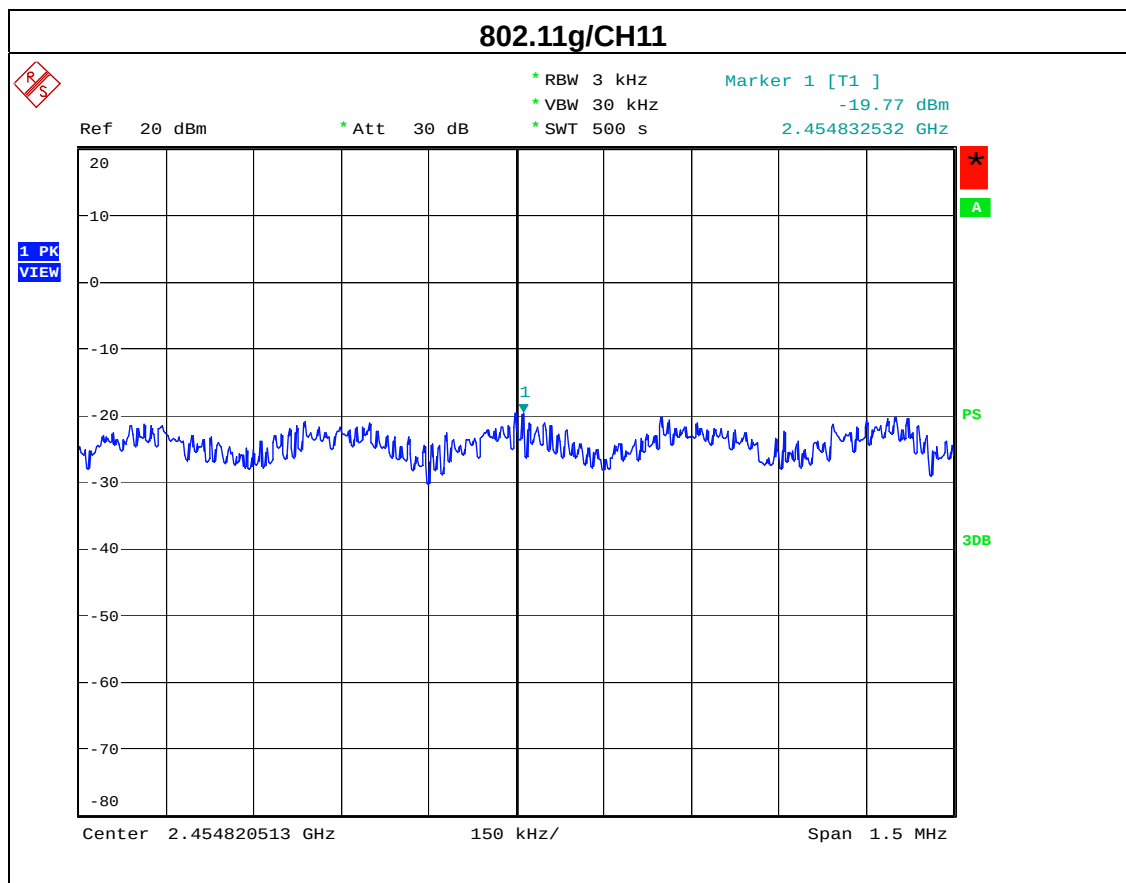
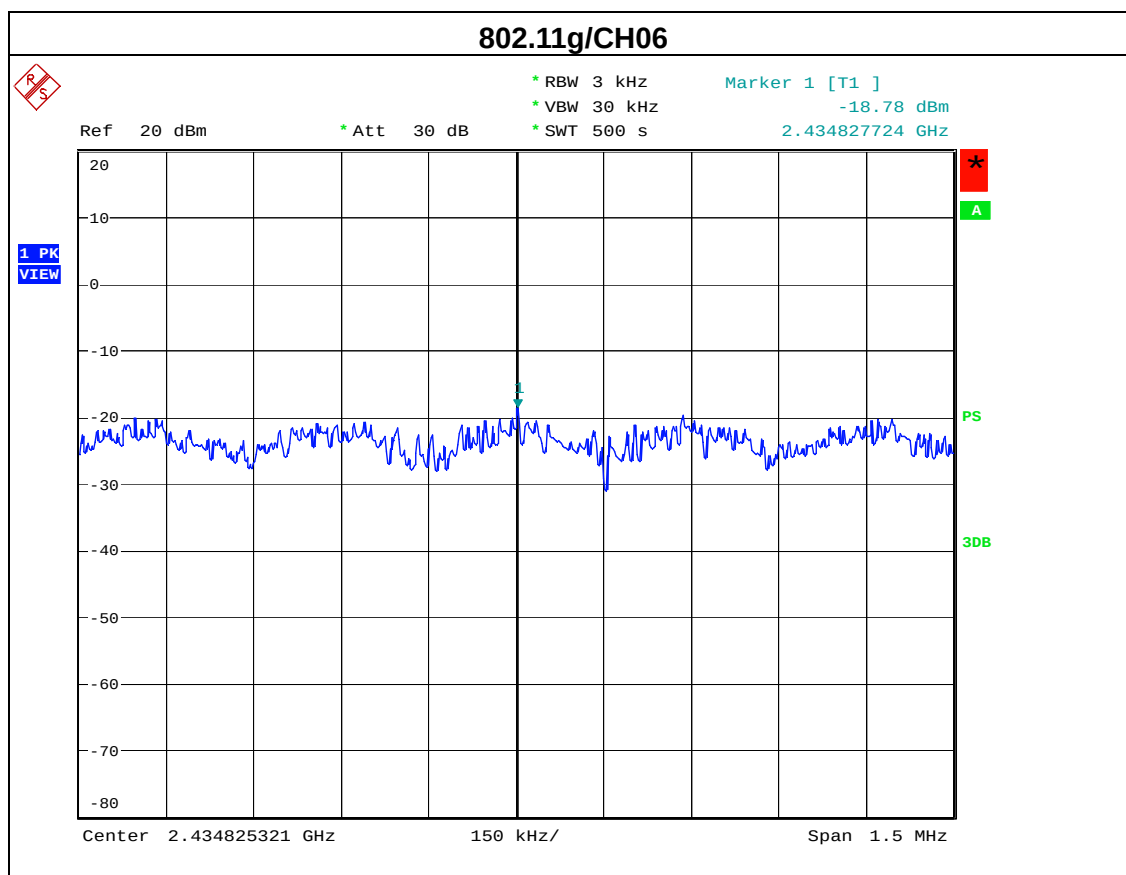




EUT :	@pod (Wireless IP Multimedia Phone)	Model No. :	E800
Temperature :	27 °C	Relative Humidity :	58 %
Pressure :	1004 hPa	Test Power :	AC 120V/60Hz
Test Mode :	802.11g/CH01, CH06, CH11		

Test Channel	Frequency (MHz)	Peak Output Power (dBm)	LIMIT (dBm)
CH01	2412	-22.21	8
CH06	2437	-18.78	8
CH11	2462	-19.77	8





9. RF EXPOSURE TEST**9.1 APPLIED PROCEDURES / LIMIT**

Based upon the new TCB exclusion list published by FCC on July 2002	
Frequency Range(MHz)	Limit (mw)
2402-2480	60/f(GHz) note: f (GHz) is the mid band frequency of transmitter

9.1.1 MEASUREMENT INSTRUMENTS LIST

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP_40	100129	Jan. 09, 2007

Remark: " N/A" denotes No Model No. , Serial No. or No Calibration specified.

9.1.2 TEST RESULTS

EUT :	@pod (Wireless IP Multimedia Phone)	Model No. :	E800
Temperature :	27 °C	Relative Humidity :	58 %
Pressure :	1004 hPa	Test Power :	AC 120V/60Hz
Test Mode :	As bellow		

Test Mode : 802.11b/CH01, CH06, CH11				Channel of worst data : CH01	
Peak output power (dBm)	Ant Gain (dBi)	EIRP (1)		Result	LIMIT (mW)
		(dBm)	mW		
14.60	-2.93	11.67	14.68	Note(5)	24.87

Test Mode : 802.11g/CH01, CH06, CH11				Channel of worst data : CH01	
Peak output power (dBm)	Ant Gain (dBi)	EIRP (1)		Result	LIMIT (mW)
		(dBm)	mW		
15.25	-2.93	12.32	17.06	Note(5)	24.87

NOTE: Distance >20cm

- (1) EIRP= Peak output power + Ant Gain
- (2) $S \text{ (mW/cm}^2\text{)} = \text{EIRP} / (4\pi R^2)$
Distance <=20cm
- (3) EIRP= Peak output power + Ant Gain
- (4) $\text{LIMIT} = 60 / 2.412(\text{GHz}) = 24.87(\text{mw})$
- (5) This device hasn't to submit the test report of SAR evaluation.

10.BAND EDGES REQUIREMENTS TEST**10.1 APPLIED PROCEDURES / LIMIT**

FREQUENCY (MHz)	Class A (dBuV/m) (at 3m)		Class B (dBuV/m) (at 3m)	
	PEAK	AVERAGE	PEAK	AVERAGE
Above 1000	80	60	74	54

10.1.1 MEASUREMENT INSTRUMENTS LIST

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP_40	100129	Jan. 09, 2007

Remark: " N/A" denotes No Model No. , Serial No. or No Calibration specified.

10.1.2 TEST RESULTS

EUT :	@pod (Wireless IP Multimedia Phone)	Model No. :	E800
Temperature :	27 °C	Relative Humidity :	58 %
Pressure :	1004 hPa	Test Power :	AC 120V/60Hz
Test Mode :	As bellow		

For 802.11b (Data Rate: 11M)								
Radiated Emissions (VERTICAL) CH1/CH11								
Frequency (MHz)	Amplitude (dBuV/m)	Ant. (m)	Table (Degree)	Duty (dB)	Dist (dB)	Actual Amp (dBuV/m)	Limit (dBuV/m)	Margin (dB)
2389.36	49.54 (PK)	1		0	-2.99	46.55	74.00	-27.45
	(AV)			0			54.00	
2485.38	50.62 (PK)	1		0	-2.75	47.87	74.00	-26.13
	(AV)			0			54.00	
Radiated Emissions (HORIZONTAL) CH1/CH11								
Frequency (MHz)	Amplitude (dBuV/m)	Ant. (m)	Table (Degree)	Duty (dB)	Dist (dB)	Actual Amp (dBuV/m)	Limit (dBuV/m)	Margin (dB)
2393.92	49.98 (PK)	1		0	-3.01	46.97	74.00	-27.03
	(AV)			0			54.00	
2483.50	48.54 (PK)	1		0	-2.75	45.79	74.00	-28.21
	(AV)			0			54.00	

For 802.11g (Data Rate: 54M)								
Radiated Emissions (VERTICAL) CH1/CH11								
Frequency (MHz)	Amplitude (dBuV/m)	Ant. (m)	Table (Degree)	Duty (dB)	Dist (dB)	Actual Amp (dBuV/m)	Limit (dBuV/m)	Margin (dB)
2389.20	63.56 (PK)	1		0	-2.99	60.57	74.00	-13.43
2389.20	44.25 (AV)	1		0	-2.99	41.26	54.00	-12.74
2483.50	67.17 (PK)	1		0	-2.75	64.42	74.00	-9.58
2483.50	48.71 (AV)	1		0	-2.75	45.96	54.00	-8.04
Radiated Emissions (HORIZONTAL) CH1/CH11								
Frequency (MHz)	Amplitude (dBuV/m)	Ant. (m)	Table (Degree)	Duty (dB)	Dist (dB)	Actual Amp (dBuV/m)	Limit (dBuV/m)	Margin (dB)
2389.20	65.90 (PK)	1		0	-2.99	62.91	74.00	-11.09
2389.20	47.76 (AV)	1		0	-2.99	44.77	54.00	-9.23
2483.53	65.17 (PK)	1		0	-2.75	62.42	74.00	-11.58

2483.53	47.03 (AV)	1		0	-2.75	44.28	54.00	-9.72
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11. EUT TEST PHOTO

Conducted Measurement Photos



Radiated Measurement Photos
X



Radiated Measurement Photos
Y



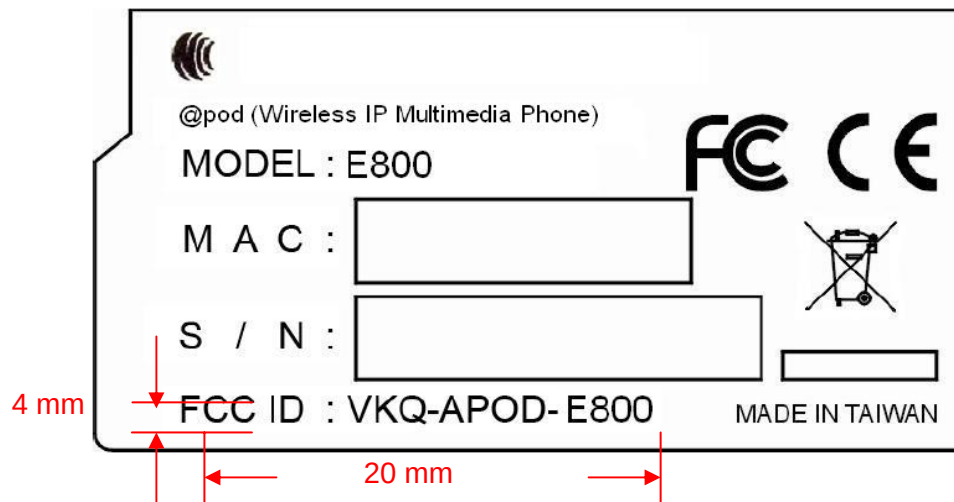
Radiated Measurement Photos

Z



FCC ID: VKQ-APOD-E800

Label Sample



The remained portion of label statement required by FCC is attached in the user's manual

Label Location

