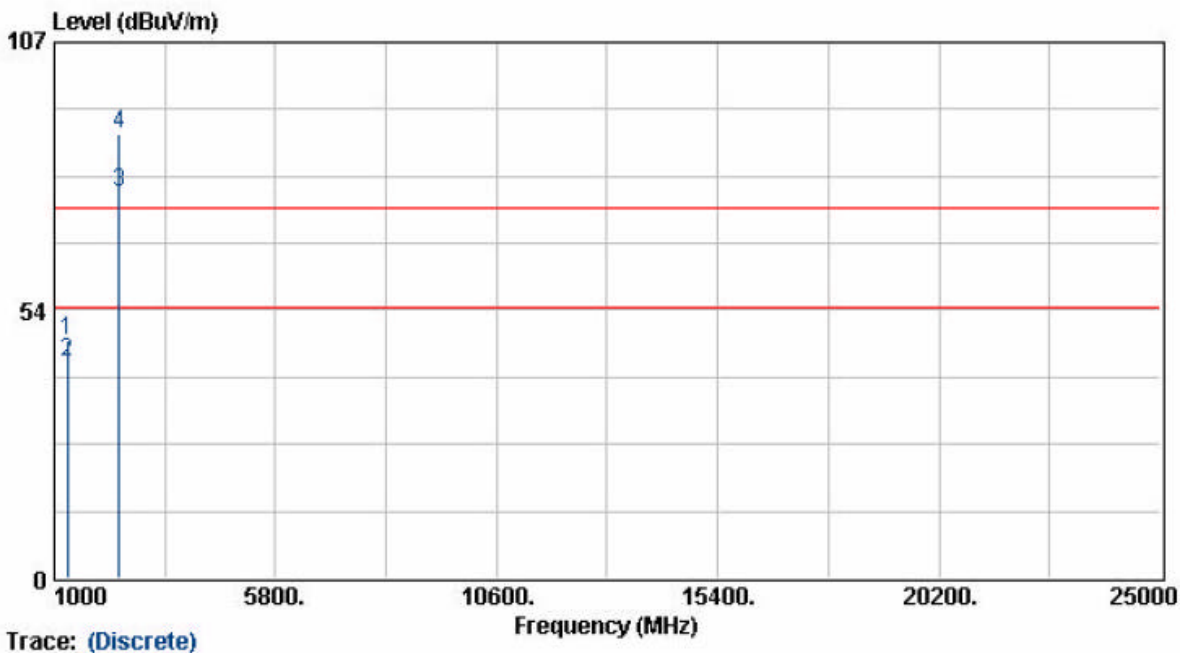


EUT	: IP906SM	Pol/Phase	: HORIZONTAL
Power	: 110V	Temperature	: 25 °C
Test Mode	: Transmit/Receive	Humidity	: 68 %
Operation Channel	: 1	Atmospheric Pressure	: 1030 mmHg
Modulation Type	: 802.11g		
Rate	: 54 Mbps		



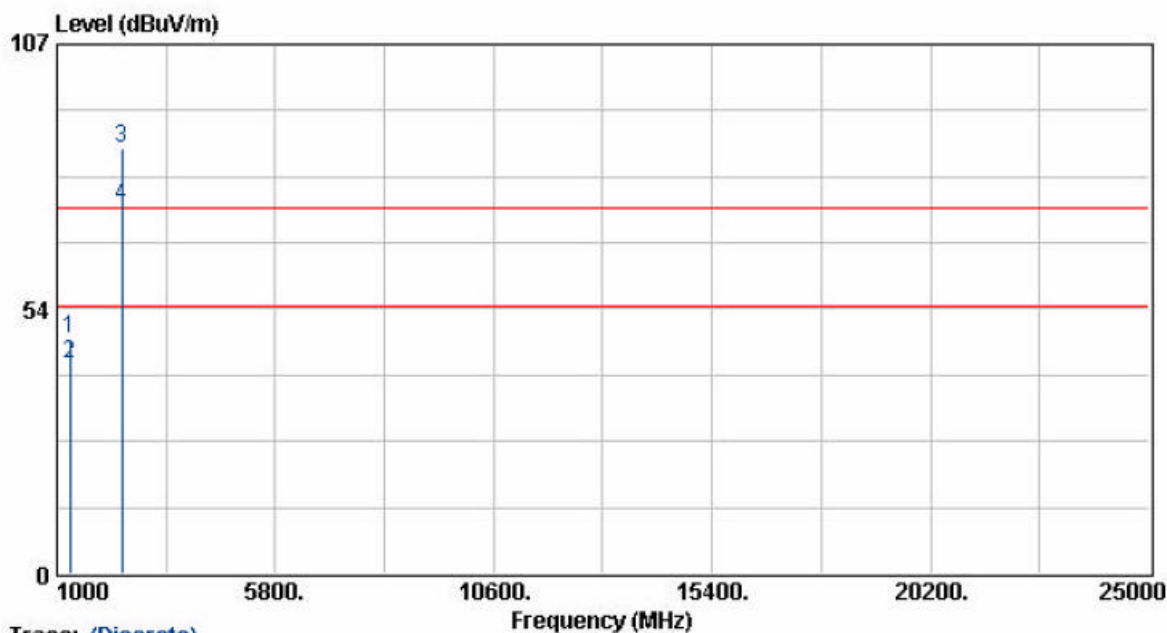
Trace: (Discrete)

Frequency (MHz)	Meter Reading (dBuV)	Corrected Factor (dBuV/m)	Result (dBuV/m)	Limit (dB)	Margin (dB)	Remark	Table Deg.	Ant High (cm)
1280.00	51.85	-4.54	47.31	74.00	-26.69	Peak	31	100
1280.00	47.57	-4.54	43.03	54.00	-10.97	Average	31	100
2415.30	75.83	1.34	77.17	54.00	23.17	Average	116	100
2415.30	87.35	1.34	88.69	74.00	14.69	Peak	116	100

Notes:

1. Result = Meter Reading + Corrected Factor
2. Corrected Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
6. The other emissions is too below to be measured.
7. 2412,2437,2462 MHz is fundamental frequency.

EUT	: IP906SM	Pol/Phase	: HORIZONTAL
Power	: 110V	Temperature	: 25 °C
Test Mode	: Transmit/Receive	Humidity	: 68 %
Operation Channel	: 6	Atmospheric Pressure	: 1030 mmHg
Modulation Type	: 802.11g		
Rate	: 54 Mbps		



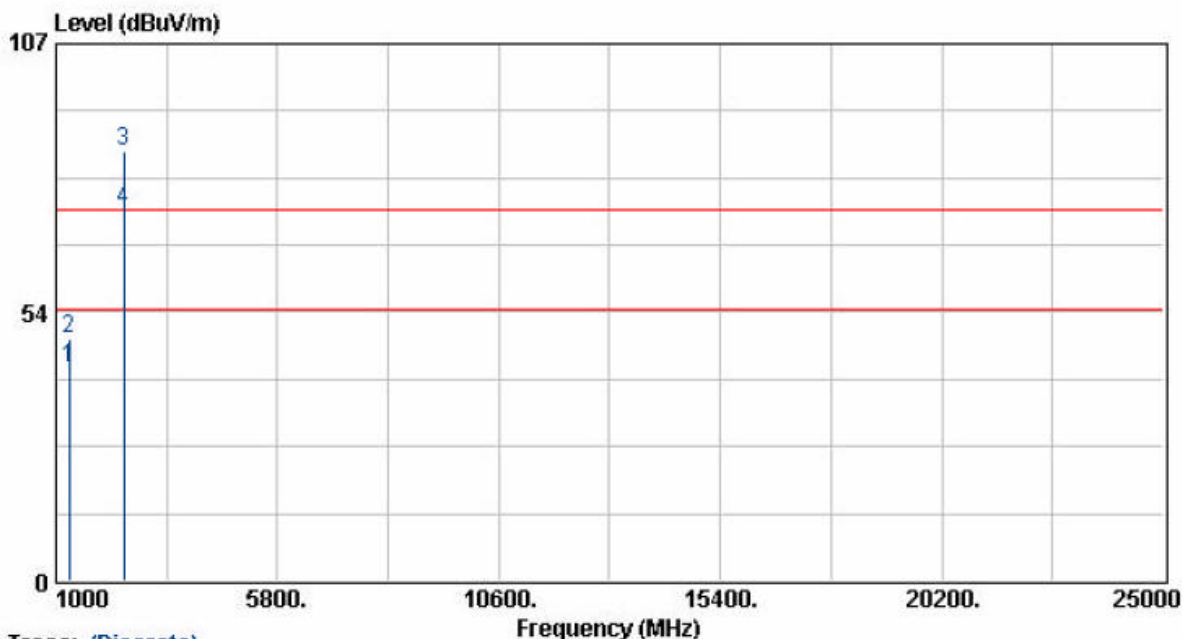
Trace: (Discrete)

Frequency (MHz)	Meter Reading (dBuV)	Corrected Factor (dBuV/m)	Result (dBuV/m)	Limit (dB)	Margin (dB)	Remark	Table Deg.	Ant High (cm)
1280.00	52.12	-4.54	47.58	74.00	-26.42	Peak	31	100
1280.00	47.00	-4.54	42.46	54.00	-11.54	Average	31	100
2435.60	84.63	1.41	86.03	74.00	12.03	Peak	116	100
2435.60	72.74	1.41	74.15	54.00	20.15	Average	116	100

Notes:

1. Result = Meter Reading + Corrected Factor
2. Corrected Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
6. The other emissions is too below to be measured.
7. 2412,2437,2462 MHz is fundamental frequency.

EUT	: IP906SM	Pol/Phase	: HORIZONTAL
Power	: 110V	Temperature	: 25 °C
Test Mode	: Transmit/Receive	Humidity	: 68 %
Operation Channel	: 11	Atmospheric Pressure	: 1030 mmHg
Modulation Type	: 802.11g		
Rate	: 54 Mbps		



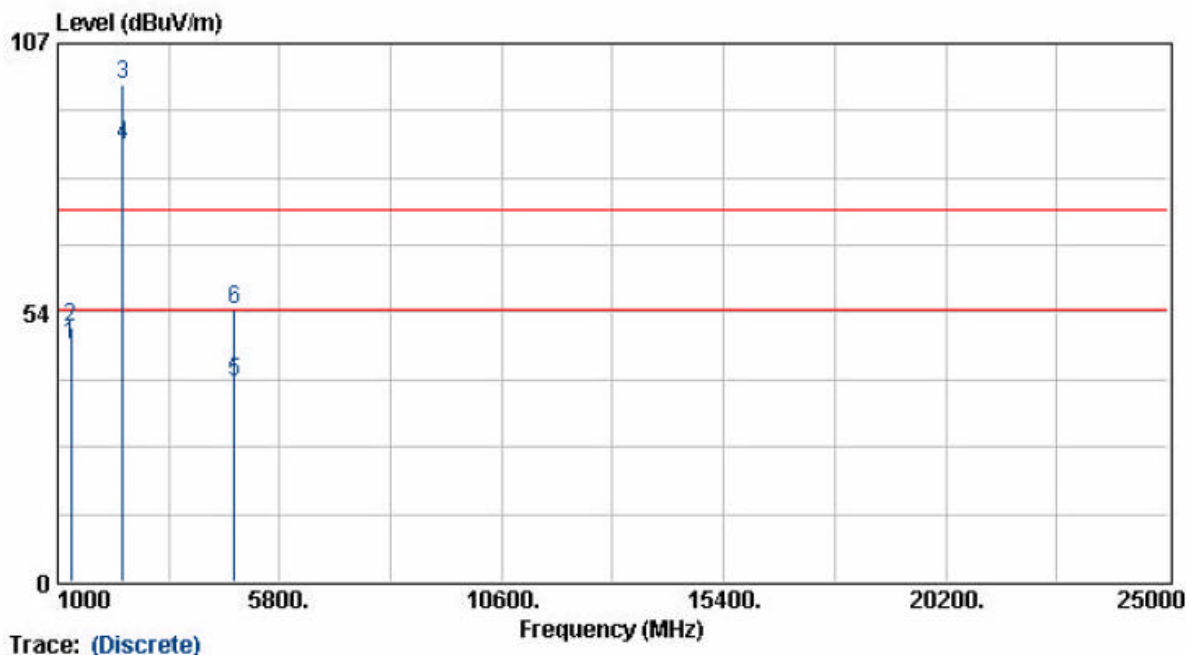
Trace: (Discrete)

Frequency (MHz)	Meter Reading (dBuV)	Corrected Factor (dBuV/m)	Result (dBuV/m)	Limit (dB)	Margin (dB)	Remark	Table Deg.	Ant High (cm)
1280.00	46.96	-4.54	42.42	54.00	-11.58	Average	31	100
1280.00	52.72	-4.54	48.18	74.00	-25.82	Peak	31	100
2465.60	84.16	1.51	85.67	74.00	11.67	Peak	116	100
2465.60	72.48	1.51	73.99	54.00	19.99	Average	116	100

Notes:

1. Result = Meter Reading + Corrected Factor
2. Corrected Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
6. The other emissions is too below to be measured.
7. 2412,2437,2462 MHz is fundamental frequency.

EUT	: IP906SM	Pol/Phase	: VERTICAL
Power	: 110V	Temperature	: 25 °C
Test Mode	: Transmit/Receive	Humidity	: 68 %
Operation Channel	: 1	Atmospheric Pressure	: 1030 mmHg
Modulation Type	: 802.11g		
Rate	: 54 Mbps		



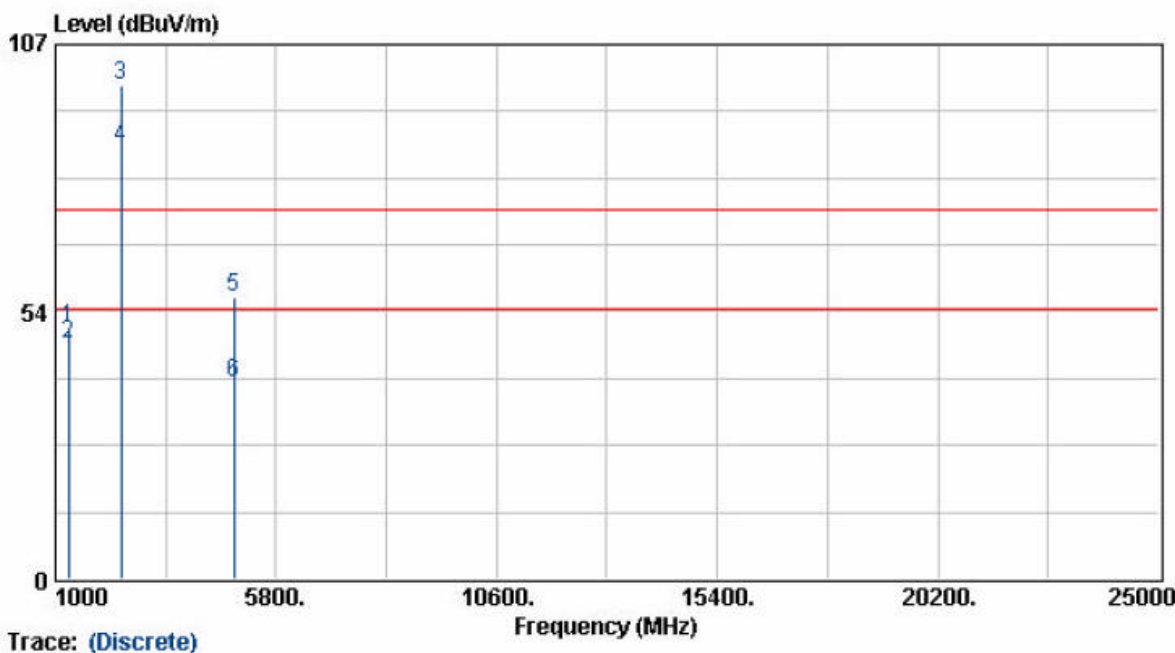
Trace: (Discrete)

Frequency (MHz)	Meter Reading (dBuV)	Corrected Factor (dBuV/m)	Result (dBuV/m)	Limit (dB)	Margin (dB)	Remark	Table Deg.	Ant High (cm)
1280.00	52.12	-5.04	47.08	54.00	-6.92	Average	31	100
1280.00	55.61	-5.04	50.57	74.00	-23.43	Peak	31	100
2415.30	98.14	0.64	98.78	74.00	24.78	Peak	126	100
2415.30	86.22	0.64	86.86	54.00	32.86	Average	126	100
4825.30	32.39	7.36	39.75	54.00	-14.25	Average	126	100
4825.30	46.89	7.36	54.25	74.00	-19.75	Peak	126	100

Notes:

1. Result = Meter Reading + Corrected Factor
2. Corrected Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120kHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
6. The other emissions is too below to be measured.
7. 2412,2437,2462 MHz is fundamental frequency.

EUT	: IP906SM	Pol/Phase	: VERTICAL
Power	: 110V	Temperature	: 25 °C
Test Mode	: Transmit/Receive	Humidity	: 68 %
Operation Channel	: 6	Atmospheric Pressure	: 1030 mmHg
Modulation Type	: 802.11g		
Rate	: 54 Mbps		



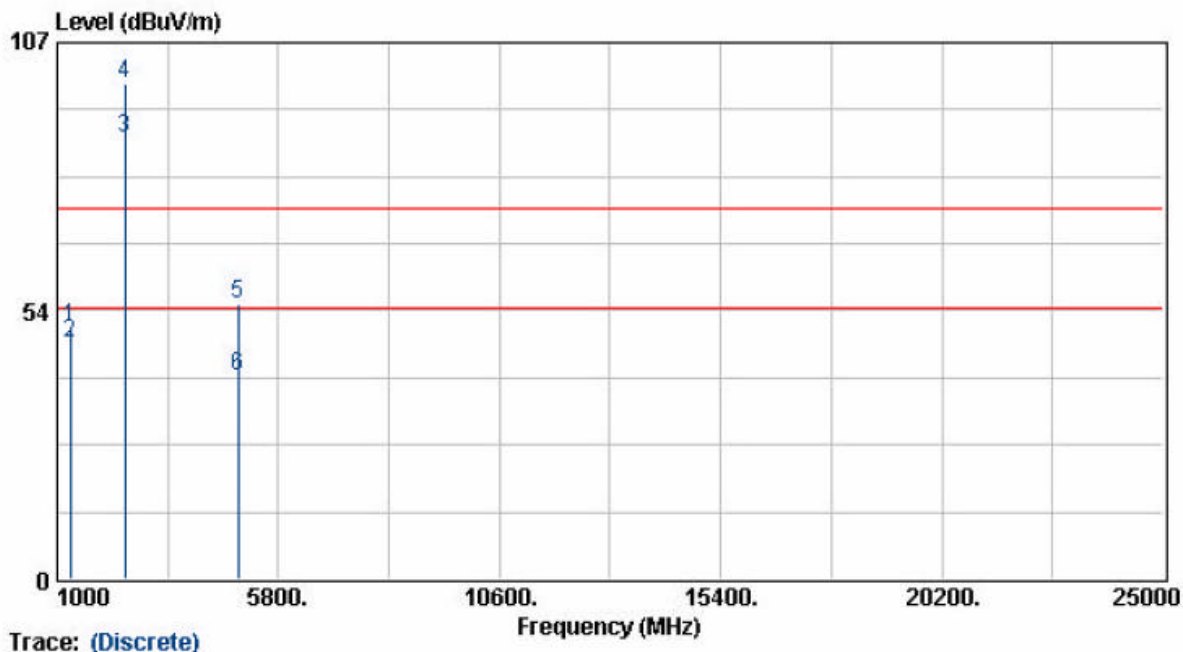
Trace: (Discrete)

Frequency (MHz)	Meter Reading (dBuV)	Corrected Factor (dBuV/m)	Result (dBuV/m)	Limit (dB)	Margin (dB)	Remark	Table Deg.	Ant High (cm)
1280.00	55.29	-5.04	50.25	74.00	-23.75	Peak	31	100
1280.00	51.95	-5.04	46.91	54.00	-7.09	Average	31	100
2438.50	97.94	0.72	98.66	74.00	24.66	Peak	126	100
2438.50	85.49	0.72	86.21	54.00	32.21	Average	126	100
4876.10	48.85	7.55	56.40	74.00	-17.60	Peak	126	100
4876.10	31.70	7.55	39.25	54.00	-14.75	Average	126	100

Notes:

1. Result = Meter Reading + Corrected Factor
2. Corrected Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
6. The other emissions is too below to be measured.
7. 2412,2437,2462 MHz is fundamental frequency.

EUT	: IP906SM	Pol/Phase	: VERTICAL
Power	: 110V	Temperature	: 25 °C
Test Mode	: Transmit/Receive	Humidity	: 68 %
Operation Channel	: 11	Atmospheric Pressure	: 1030 mmHg
Modulation Type	: 802.11g		
Rate	: 54 Mbps		



Trace: (Discrete)

Frequency (MHz)	Meter Reading (dBuV)	Corrected Factor (dBuV/m)	Result (dBuV/m)	Limit (dB)	Margin (dB)	Remark	Table Deg.	Ant High (cm)
1280.00	55.20	-5.04	50.16	74.00	-23.84	Peak	31	100
1280.00	51.99	-5.04	46.95	54.00	-7.05	Average	31	100
2465.40	87.29	0.81	88.10	54.00	34.10	Average	126	100
2465.40	98.07	0.81	98.88	74.00	24.88	Peak	126	100
4925.90	47.22	7.73	54.95	74.00	-19.05	Peak	126	100
4925.90	32.60	7.73	40.33	54.00	-13.67	Average	126	100

Notes:

1. Result = Meter Reading + Corrected Factor
2. Corrected Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
6. The other emissions is too below to be measured.
7. 2412,2437,2462 MHz is fundamental frequency.

5.5.1 Test Photographs

FRONT VIEW



REAR VIEW

