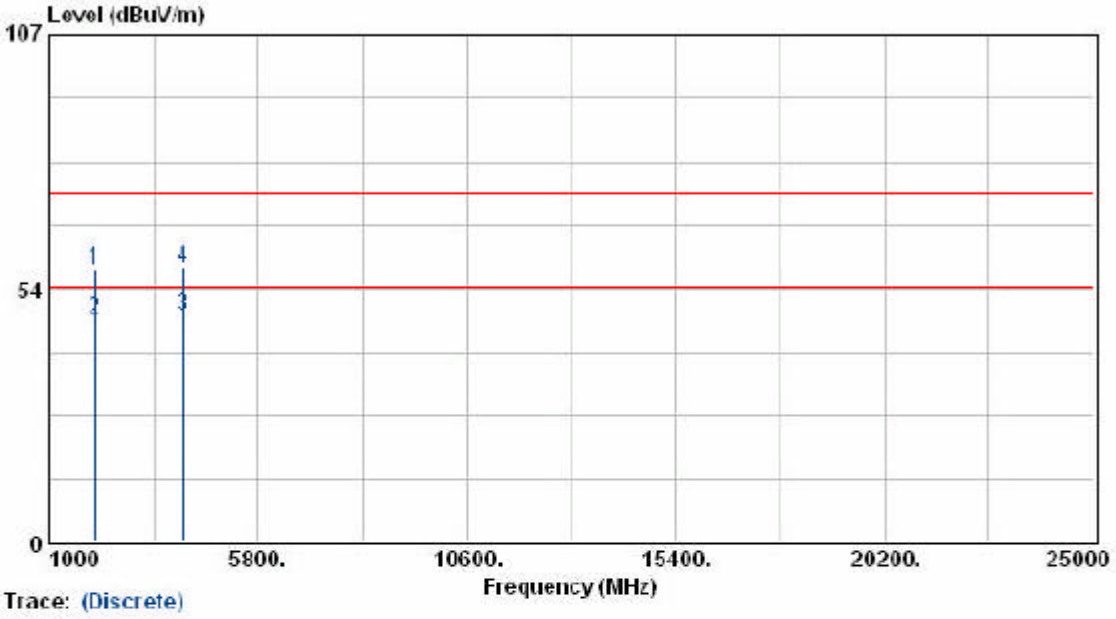
EUT	: IP815VGA	Pol/Phase	: HORIZONTAL
Power	: 120V	Temperature	: 25 ℃
Test Mode	: Transmit/Receive	Humidity	: 68 %
Operation Channel	: 1	Atmospheric Pressure	: 1020 mmHg
Modulation Type	: 802.11b		
Rate	: 11 Mbps		
Memo	: ADS6818-1815-W		

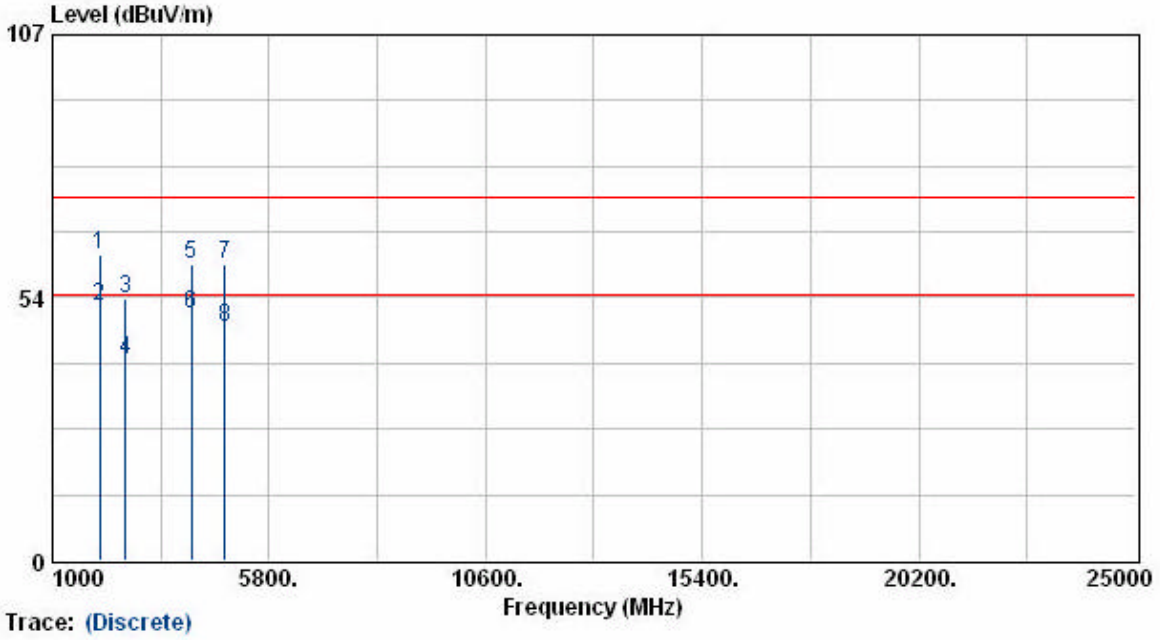


Frequency (MHz)	Meter Reading (dBuV)	Corrected Factor (dBuV/m)	Result (dBuV/m)	Limit (dB)	Margin (dB)	Remark	Table Deg.	Ant High (cm)
2039.13	57.62	0.04	57.65	74.00	-16.35	Peak	196	100
2039.13	47.01	0.04	47.05	54.00	-6.95	Average	196	100
4077.00	41.04	6.67	47.71	54.00	-6.29	Average	240	100
4077.00	51.21	6.67	57.88	74.00	-16.12	Peak	240	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.

EUT	: IP815VGA		
Power	: 120V	Pol/Phase	: VERTICAL
Test Mode	: Transmit/Receive	Temperature	: 26 ℃
Operation Channel	: 1	Humidity	: 68 %
Modulation Type	: 802.11b	Atmospheric Pressure	: 1020 mmHg
Rate	: 11 Mbps		
Memo	: ADS6818-1815-W		

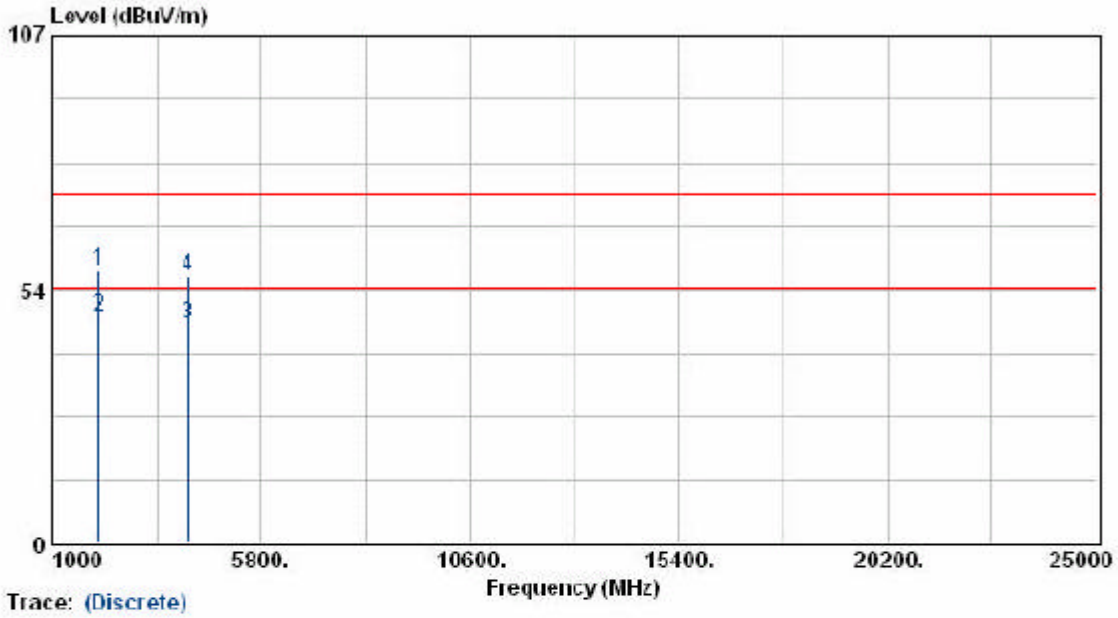


Frequency (MHz)	Meter Reading (dBuV)	Corrected Factor (dBuV/m)	Result (dBuV/m)	Limit (dB)	Margin (dB)	Remark	Table Deg.	Ant High (cm)
2039.25	62.78	-0.66	62.11	74.00	-11.89	Peak	177	100
2039.25	52.50	-0.66	51.84	54.00	-2.16	Average	177	100
2617.38	51.88	1.33	53.21	74.00	-20.79	Peak	171	100
2617.38	39.42	1.33	40.75	54.00	-13.25	Average	171	100
4077.13	54.34	6.05	60.39	74.00	-13.61	Peak	219	100
4077.13	44.28	6.05	50.33	54.00	-3.67	Average	219	100
4825.13	52.95	7.36	60.31	74.00	-13.69	Peak	233	100
4825.13	40.02	7.36	47.38	54.00	-6.62	Average	233	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.

EUT	: IP815VGA		
Power	: 120V	Pol/Phase	: HORIZONTAL
Test Mode	: Transmit/Receive	Temperature	: 26 ℃
Operation Channel	: 6	Humidity	: 68 %
Modulation Type	: 802.11b	Atmospheric Pressure	: 1020 mmHg
Rate	: 11 Mbps		
Memo	: ADS6818-1815-W		

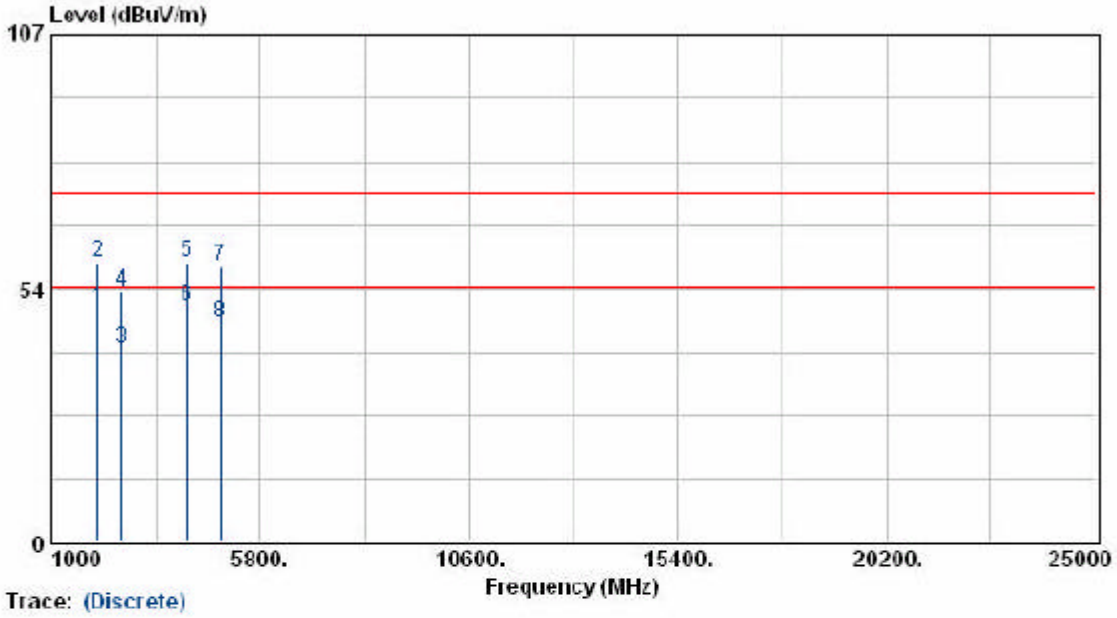


Frequency (MHz)	Meter Reading (dBuV)	Corrected Factor (dBuV/m)	Result (dBuV/m)	Limit (dB)	Margin (dB)	Remark	Table Deg.	Ant High (cm)
2064.25	57.32	0.12	57.44	74.00	-16.56	Peak	196	100
2064.25	47.58	0.12	47.70	54.00	-6.30	Average	196	100
4127.00	39.58	6.69	46.27	54.00	-7.73	Average	240	100
4127.00	49.56	6.69	56.25	74.00	-17.75	Peak	240	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.

EUT	: IP815VGA	Pol/Phase	: VERTICAL
Power	: 120V	Temperature	: 26 ℃
Test Mode	: Transmit/Receive	Humidity	: 68 %
Operation Channel	: 6	Atmospheric Pressure	: 1020 mmHg
Modulation Type	: 802.11b		
Rate	: 11 Mbps		
Memo	: ADS6818-1815-W		



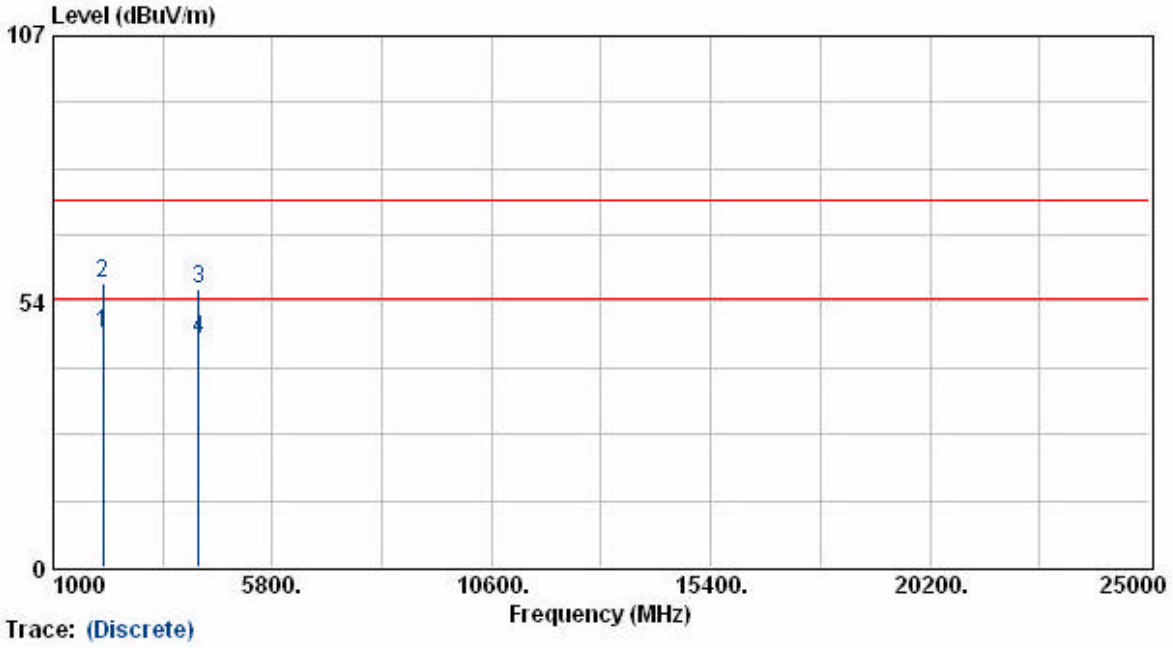
Trace: (Discrete)

Frequency (MHz)	Meter Reading (dBuV)	Corrected Factor (dBuV/m)	Result (dBuV/m)	Limit (dB)	Margin (dB)	Remark	Table Deg.	Ant High (cm)
2065.00	49.97	-0.58	49.39	54.00	-4.61	Average	177	100
2065.00	59.57	-0.58	58.99	74.00	-15.01	Peak	177	100
2620.25	39.66	1.34	41.00	54.00	-13.00	Average	171	100
2620.25	51.61	1.34	52.95	74.00	-21.05	Peak	171	100
4127.75	53.08	6.07	59.15	74.00	-14.85	Peak	219	100
4127.75	43.71	6.07	49.78	54.00	-4.22	Average	219	100
4875.00	50.89	7.54	58.43	74.00	-15.57	Peak	233	100
4875.00	38.76	7.54	46.31	54.00	-7.70	Average	233	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.

EUT	: IP815VGA		
Power	: 120V	Pol/Phase	: HORIZONTAL
Test Mode	: Transmit/Receive	Temperature	: 26 ℃
Operation Channel	: 11	Humidity	: 68 %
Modulation Type	: 802.11b	Atmospheric Pressure	: 1020 mmHg
Rate	: 11 Mbps		
Memo	: ADS6818-1815-W		

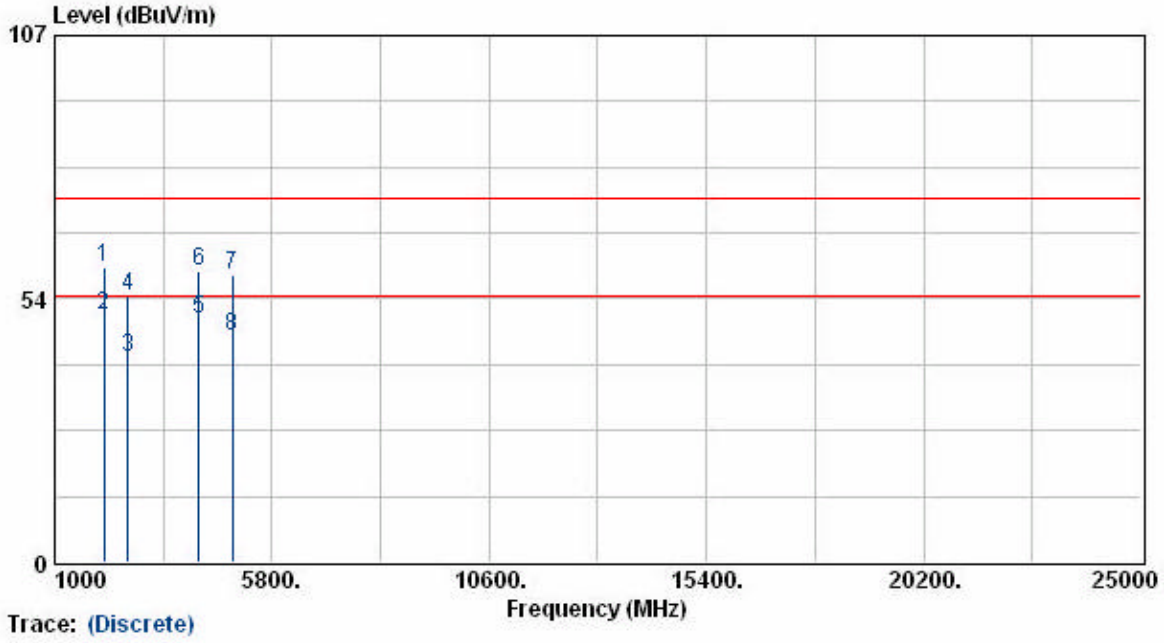


Frequency (MHz)	Meter Reading (dBuV)	Corrected Factor (dBuV/m)	Result (dBuV/m)	Limit (dB)	Margin (dB)	Remark	Table Deg.	Ant High (cm)
2089.25	46.80	0.21	47.01	54.00	-6.99	Average	196	100
2089.25	56.98	0.21	57.19	74.00	-16.81	Peak	196	100
4177.00	49.14	6.72	55.86	74.00	-18.14	Peak	240	100
4177.00	39.33	6.72	46.05	54.00	-7.95	Average	240	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.

EUT	: IP815VGA		
Power	: 120V	Pol/Phase	: VERTICAL
Test Mode	: Transmit/Receive	Temperature	: 26 ℃
Operation Channel	: 11	Humidity	: 68 %
Modulation Type	: 802.11b	Atmospheric Pressure	: 1020 mmHg
Rate	: 11 Mbps		
Memo	: ADS6818-1815-W		

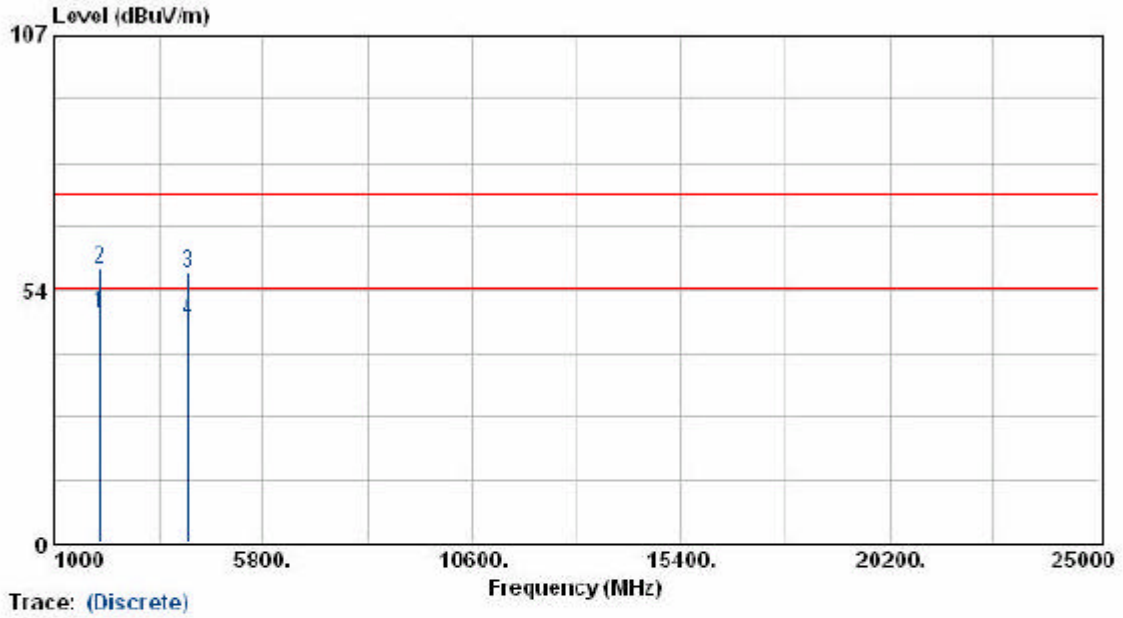


Frequency (MHz)	Meter Reading (dBuV)	Corrected Factor (dBuV/m)	Result (dBuV/m)	Limit (dB)	Margin (dB)	Remark	Table Deg.	Ant High (cm)
2089.25	60.50	-0.49	60.01	74.00	-13.99	Peak	177	100
2089.25	50.51	-0.49	50.02	54.00	-3.98	Average	177	100
2617.63	40.12	1.33	41.45	54.00	-12.55	Average	171	100
2617.63	52.74	1.33	54.07	74.00	-19.93	Peak	171	100
4177.00	43.34	6.08	49.42	54.00	-4.58	Average	219	100
4177.00	53.20	6.08	59.28	74.00	-14.72	Peak	219	100
4925.13	50.66	7.73	58.39	74.00	-15.61	Peak	233	100
4925.13	38.09	7.73	45.82	54.00	-8.18	Average	233	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.

EUT	: IP815VGA		
Power	: 120V	Pol/Phase	: HORIZONTAL
Test Mode	: Transmit/Receive	Temperature	: 25 ℃
Operation Channel	: 1	Humidity	: 68 %
Modulation Type	: 802.11g	Atmospheric Pressure	: 1020 mmHg
Rate	: 12 Mbps		
Memo	: ADS6818-1815-W		

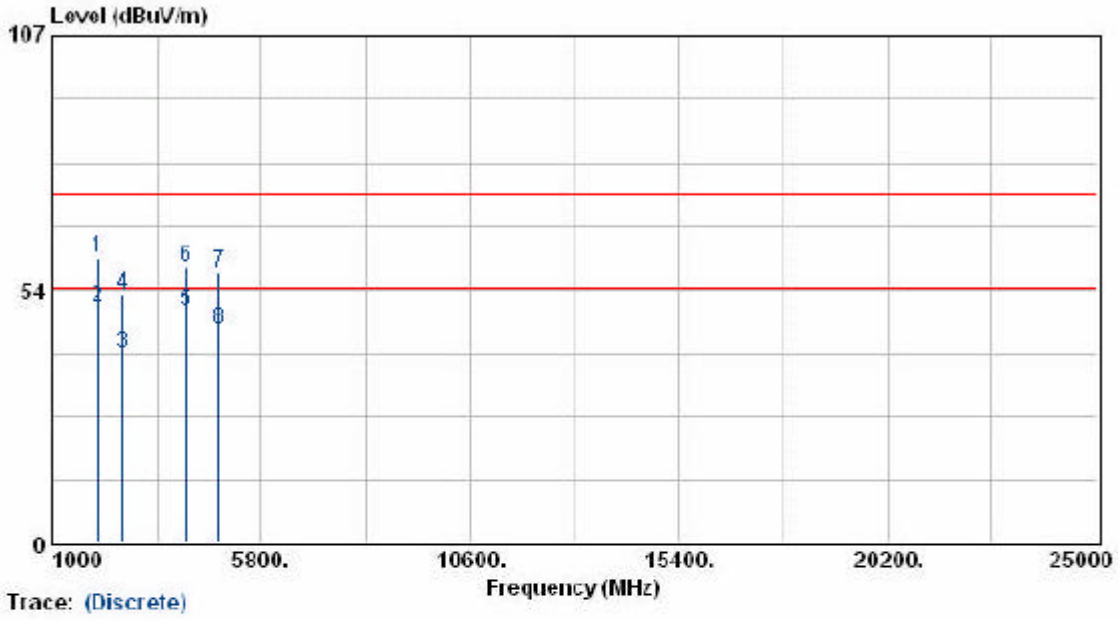


Frequency (MHz)	Meter Reading (dBuV)	Corrected Factor (dBuV/m)	Result (dBuV/m)	Limit (dB)	Margin (dB)	Remark	Table Deg.	Ant High (cm)
2039.13	48.57	0.04	48.61	54.00	-5.39	Average	196	100
2039.13	58.13	0.04	58.17	74.00	-15.83	Peak	196	100
4077.00	50.67	6.67	57.34	74.00	-16.66	Peak	240	100
4077.00	40.42	6.67	47.09	54.00	-6.91	Average	240	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.

EUT	: IP815VGA	Pol/Phase	: VERTICAL
Power	: 120V	Temperature	: 26 ℃
Test Mode	: Transmit/Receive	Humidity	: 68 %
Operation Channel	: 1	Atmospheric Pressure	: 1020 mmHg
Modulation Type	: 802.11g		
Rate	: 12 Mbps		
Memo	: ADS6818-1815-W		

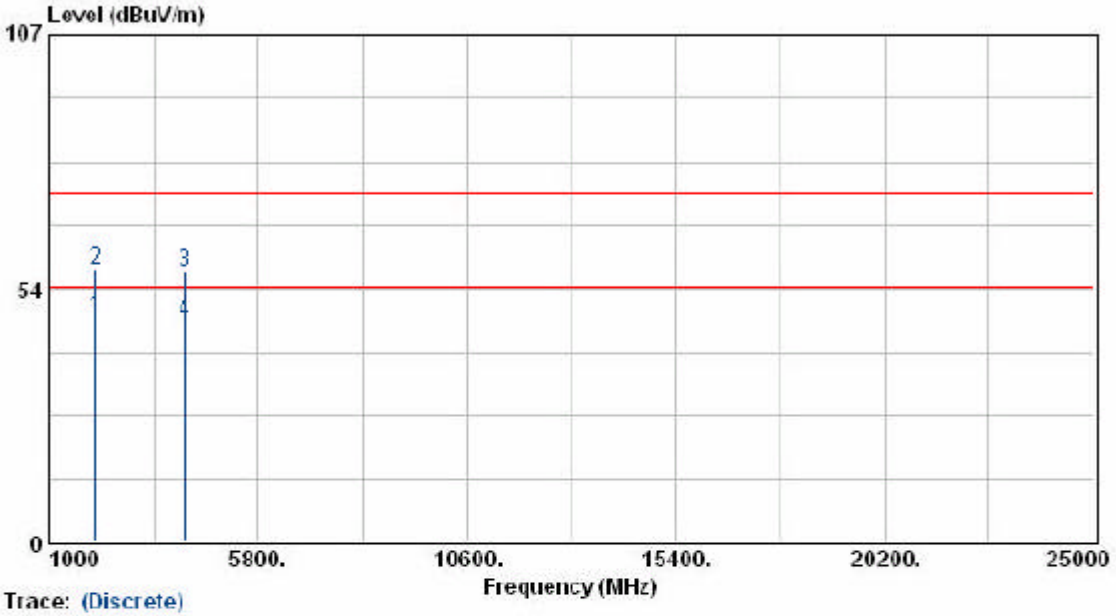


Frequency (MHz)	Meter Reading (dBuV)	Corrected Factor (dBuV/m)	Result (dBuV/m)	Limit (dB)	Margin (dB)	Remark	Table Deg.	Ant High (cm)
2039.38	60.78	-0.66	60.12	74.00	-13.88	Peak	177	100
2039.38	50.59	-0.66	49.93	54.00	-4.07	Average	177	100
2614.38	38.84	1.32	40.16	54.00	-13.84	Average	171	100
2614.38	51.04	1.32	52.36	74.00	-21.64	Peak	171	100
4077.13	42.95	6.05	49.00	54.00	-5.00	Average	219	100
4077.13	52.29	6.05	58.34	74.00	-15.66	Peak	219	100
4824.88	49.71	7.36	57.07	74.00	-16.93	Peak	233	100
4824.88	37.66	7.36	45.02	54.00	-8.98	Average	233	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.

EUT	: IP815VGA		
Power	: 120V	Pol/Phase	: HORIZONTAL
Test Mode	: Transmit/Receive	Temperature	: 26 ℃
Operation Channel	: 6	Humidity	: 68 %
Modulation Type	: 802.11g	Atmospheric Pressure	: 1020 mmHg
Rate	: 12 Mbps		
Memo	: ADS6818-1815-W		

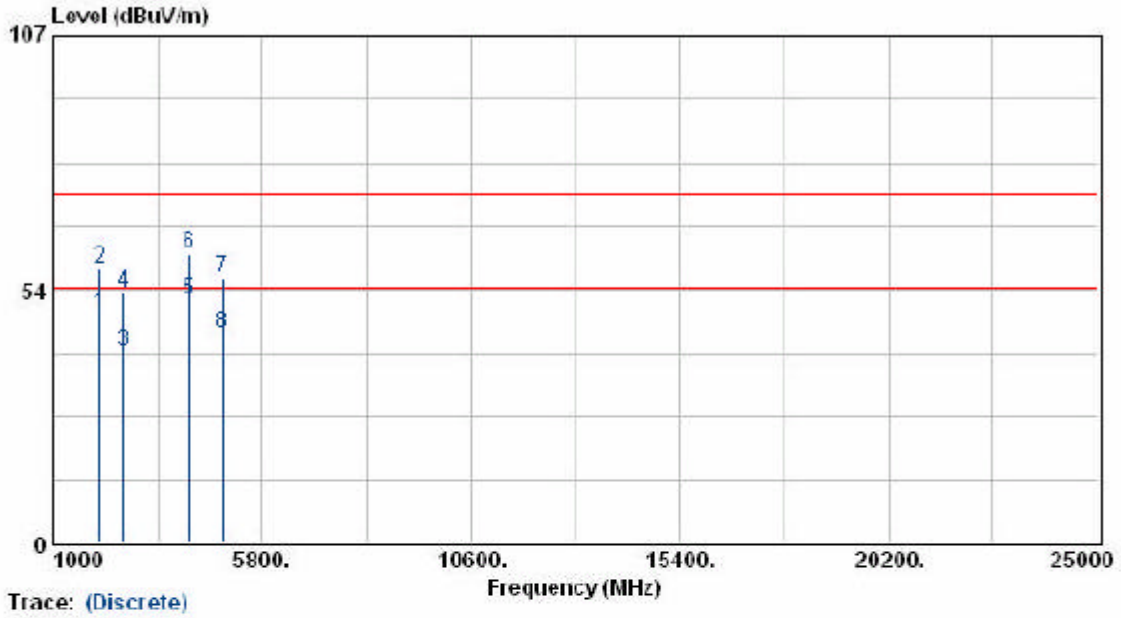


Frequency (MHz)	Meter Reading (dBuV)	Corrected Factor (dBuV/m)	Result (dBuV/m)	Limit (dB)	Margin (dB)	Remark	Table Deg.	Ant High (cm)
2064.13	47.50	0.12	47.62	54.00	-6.38	Average	196	100
2064.13	57.27	0.12	57.39	74.00	-16.61	Peak	196	100
4127.00	50.38	6.69	57.07	74.00	-16.93	Peak	240	100
4127.00	40.09	6.69	46.78	54.00	-7.22	Average	240	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.

EUT	: IP815VGA		
Power	: 120V	Pol/Phase	: VERTICAL
Test Mode	: Transmit/Receive	Temperature	: 26 ℃
Operation Channel	: 6	Humidity	: 68 %
Modulation Type	: 802.11g	Atmospheric Pressure	: 1020 mmHg
Rate	: 12 Mbps		
Memo	: ADS6818-1815-W		



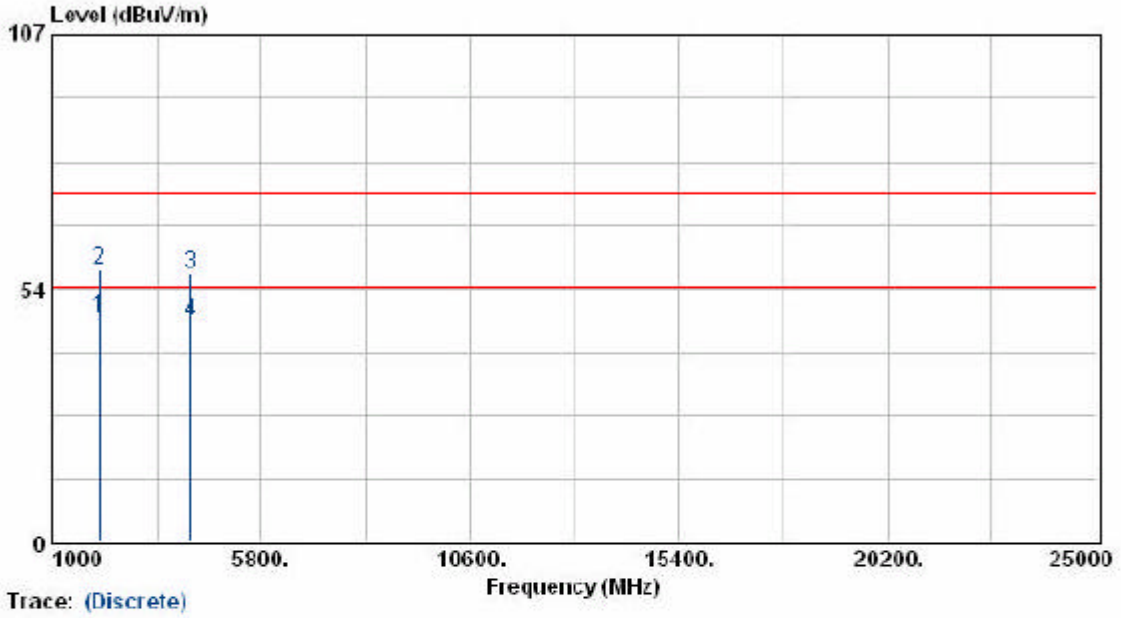
Trace: (Discrete)

Frequency (MHz)	Meter Reading (dBuV)	Corrected Factor (dBuV/m)	Result (dBuV/m)	Limit (dB)	Margin (dB)	Remark	Table Deg.	Ant High (cm)
2064.38	48.94	-0.58	48.36	54.00	-5.64	Average	177	100
2064.38	58.62	-0.58	58.04	74.00	-15.96	Peak	177	100
2614.63	39.20	1.32	40.52	54.00	-13.48	Average	171	100
2614.63	51.43	1.32	52.75	74.00	-21.25	Peak	171	100
4127.00	45.12	6.07	51.19	54.00	-2.81	Average	192	100
4127.00	55.08	6.07	61.15	74.00	-12.85	Peak	192	100
4876.63	48.47	7.55	56.02	74.00	-17.98	Peak	233	100
4876.63	36.78	7.55	44.33	54.00	-9.67	Average	233	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.

EUT	: IP815VGA	Pol/Phase	: HORIZONTAL
Power	: 120V	Temperature	: 26 ℃
Test Mode	: Transmit/Receive	Humidity	: 68 %
Operation Channel	: 11	Atmospheric Pressure	: 1020 mmHg
Modulation Type	: 802.11g		
Rate	: 12 Mbps		
Memo	: ADS6818-1815-W		

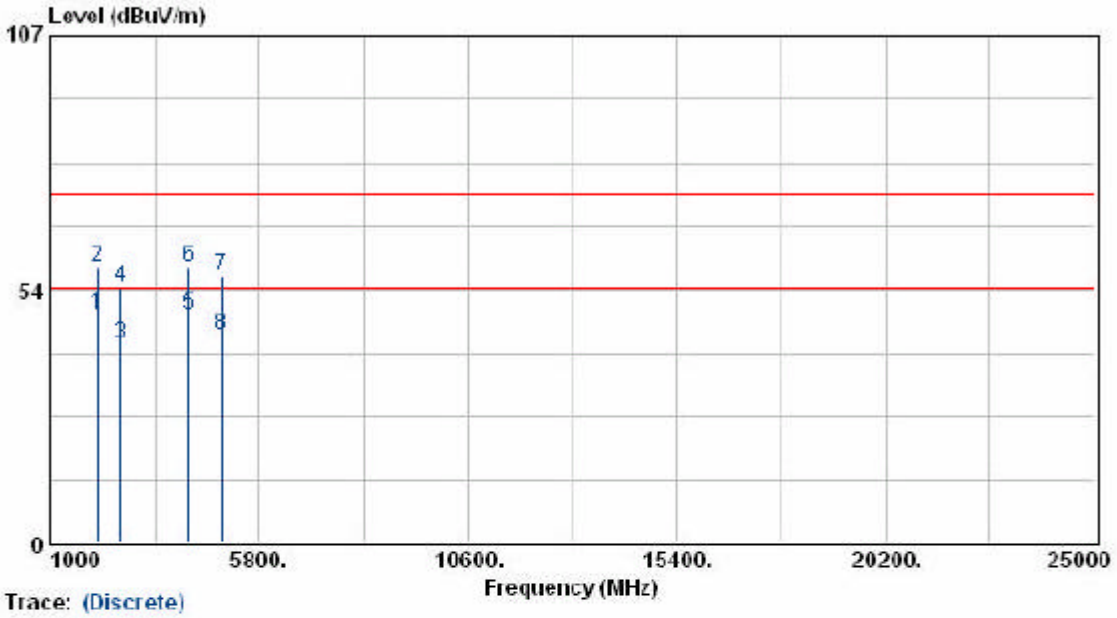


Frequency (MHz)	Meter Reading (dBuV)	Corrected Factor (dBuV/m)	Result (dBuV/m)	Limit (dB)	Margin (dB)	Remark	Table Deg.	Ant High (cm)
2089.13	47.11	0.21	47.32	54.00	-6.68	Average	196	100
2089.13	57.27	0.21	57.48	74.00	-16.52	Peak	196	100
4176.88	49.95	6.72	56.67	74.00	-17.33	Peak	240	100
4176.88	39.97	6.72	46.69	54.00	-7.31	Average	240	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.

EUT	: IP815VGA		
Power	: 120V	Pol/Phase	: VERTICAL
Test Mode	: Transmit/Receive	Temperature	: 25 ℃
Operation Channel	: 11	Humidity	: 68 %
Modulation Type	: 802.11g	Atmospheric Pressure	: 1020 mmHg
Rate	: 12 Mbps		
Memo	: ADS6818-1815-W		



Frequency (MHz)	Meter Reading (dBuV)	Corrected Factor (dBuV/m)	Result (dBuV/m)	Limit (dB)	Margin (dB)	Remark	Table Deg.	Ant High (cm)
2089.00	48.73	-0.49	48.24	54.00	-5.76	Average	177	100
2089.00	58.85	-0.49	58.36	74.00	-15.64	Peak	177	100
2614.25	40.60	1.32	41.92	54.00	-12.08	Average	171	100
2614.25	52.58	1.32	53.90	74.00	-20.10	Peak	171	100
4177.13	42.13	6.08	48.21	54.00	-5.79	Average	195	100
4177.13	52.14	6.08	58.22	74.00	-15.78	Peak	195	100
4925.13	48.71	7.73	56.44	74.00	-17.56	Peak	233	100
4925.13	36.33	7.73	44.06	54.00	-9.94	Average	233	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.

5.5.1. Photographs of Radiated Emission Test

Front View

Rear View