

Test Result of **Harmonic** and **Spurious Radiated Emissions**

EUT's transmit only

The highest peak values of radiated emissions from the EUT at various antenna heights, antenna polarizations, EUT orientation, etc. are recorded on the following.

FCC ID : PGCWL-2111

Test Conditions: Testing room : Temperature : 24 ° C Humidity : 64 % RH
 Testing site : Temperature : 27° C Humidity : 75 % RH

Detector mode: Peak

Table 1 Radiated Emissions for above 1GHz [CH 1, Horizontal]

<i>Radiated Emission</i>				<i>Correction Factors</i>	<i>Corrected Amplitude</i>	<i>FCC Class B (3 m)</i>	
<i>Frequency (GHz)</i>	<i>Amplitude (dBm V/m)</i>	<i>Ant. H. (m)</i>	<i>Table (°)</i>			<i>Limit (dBm V/m)</i>	<i>Margin (dB)</i>
4.063	55.24	1.00	254	-5.64	49.60	53.95	-4.35
4.822	43.37	1.00	321	3.91	47.28	53.95	-6.67
6.100	38.18	1.00	24	9.72	47.90	53.95	-6.05
7.233	39.43	1.00	57	9.72	49.15	53.95	-4.80

Note:

1. Margin = Corrected - Limit.
2. Peak Amplitude + Correction Factor = Corrected

***Above emissions of 10GHz, they are all under the limits more than 20dB in Test Site.**

Detector mode: Peak

Table 2 Radiated Emissions For above 1GHz [CH 1, Vertical]

<i>Radiated Emission</i>				<i>Correction Factors</i>	<i>Corrected Amplitude</i>	<i>FCC Class B (3 m)</i>	
<i>Frequency (GHz)</i>	<i>Amplitude (dBm V/m)</i>	<i>Ant. H. (m)</i>	<i>Table (°)</i>			<i>Limit (dBm V/m)</i>	<i>Margin (dB)</i>
4.063	55.69	1.00	25	-5.64	50.05	53.95	-3.90
4.822	48.11	1.00	214	3.91	52.02	53.95	-1.93
6.100	38.83	1.00	132	9.72	48.55	53.95	-5.40
7.233	41.66	1.00	154	9.72	51.38	53.95	-2.57

***Above emissions of 10GHz, they are all under the limits more than 20dB in Test Site.**

Detector mode: Peak

Table 3 Radiated Emissions For above 1GHz [CH 6, Horizontal]

<i>Radiated Emission</i>				<i>Correction Factors</i>	<i>Corrected Amplitude</i>	<i>FCC Class B (3 m)</i>	
<i>Frequency (GHz)</i>	<i>Amplitude (dBm V/m)</i>	<i>Ant. H. (m)</i>	<i>Table (°)</i>			<i>Limit (dBm V/m)</i>	<i>Margin (dB)</i>
4.118	45.81	1.00	317	3.91	49.72	53.95	-4.23
4.872	42.71	1.00	12	3.91	46.62	53.95	-7.33

***Above emissions of 10GHz, they are all under the limits more than 20dB in Test Site.**

Detector mode: Peak

Table 4 Radiated Emissions For above 1GHz [CH 6, Vertical]

<i>Radiated Emission</i>				<i>Correction Factors</i>	<i>Corrected Amplitude</i>	<i>FCC Class B (3 m)</i>	
<i>Frequency (GHz)</i>	<i>Amplitude (dBm V/m)</i>	<i>Ant. H. (m)</i>	<i>Table (°)</i>			<i>Limit (dBm V/m)</i>	<i>Margin (dB)</i>
4.118	45.87	1.00	24	3.91	49.78	53.95	-4.17
4.872	46.40	1.00	54	3.91	50.31	53.95	-3.64
6.180	40.11	1.00	298	9.72	49.83	53.95	-4.12
8.250	43.05	1.00	224	9.72	52.77	53.95	-1.18

***Above emissions of 10GHz, they are all under the limits more than 20dB in Test Site.**

Detector mode: Peak

Table 5 Radiated Emissions For above 1GHz [CH 11, Horizontal]

<i>Radiated Emission</i>				<i>Correction Factors</i>	<i>Corrected Amplitude</i>	<i>FCC Class B (3 m)</i>	
<i>Frequency (GHz)</i>	<i>Amplitude (dBm V/m)</i>	<i>Ant. H. (m)</i>	<i>Table (°)</i>			<i>Limit (dBm V/m)</i>	<i>Margin (dB)</i>
4.172	44.33	1.00	241	3.91	48.24	53.95	-5.71
4.922	47.49	1.00	35	3.91	51.40	53.95	-2.55
6.252	39.03	1.00	342	9.72	48.75	53.95	-5.20
8.343	38.43	1.00	258	9.72	48.15	53.95	-5.80
9.844	41.09	1.00	66	9.72	50.81	53.95	-3.14

***Above emissions of 10GHz, they are all under the limits more than 20dB in Test Site.**

Detector mode: Peak

Table 6 Radiated Emissions For above 1GHz [CH 11, Vertical]

<i>Radiated Emission</i>				<i>Correction Factors</i>	<i>Corrected Amplitude</i>	<i>FCC Class B (3 m)</i>	
<i>Frequency (GHz)</i>	<i>Amplitude (dBm V/m)</i>	<i>Ant. H. (m)</i>	<i>Table (°)</i>			<i>Limit (dBm V/m)</i>	<i>Margin (dB)</i>
4.172	48.12	1.00	214	3.91	52.03	53.95	-1.92
4.922	49.50	1.00	12	3.91	53.41	53.95	-0.54
6.252	40.12	1.00	37	9.72	49.84	53.95	-4.11
8.343	41.24	1.00	149	9.72	50.96	53.95	-2.99
9.844	42.89	1.00	178	9.72	52.61	53.95	-1.34

***Above emissions of 10GHz, they are all under the limits more than 20dB in Test Site.**