

Appendix A

Peak Power Test Result: (Horizontal)

Frequency	Reading Amplitude	Correction Factors	Corrected Amplitude	Limit	Margin
MHz	dBμV	dB/m	dBμV/m	dBμV/m	dB
27.0995	79.75	-8.30	71.45	80.00	-8.55

Radiated Emission Test Result: (Horizontal)

Test Conditions:

Testing site : Temperature : 30 ° C Humidity : 70 % RH

Frequency	Reading Amplitude	Ant. Height	Table	Correction Factors	Corrected Amplitude	Class B Limit	Margin
MHz	dBμV	m	degree	dB/m	dBμV/m	dBμV/m	dB
416.4300	30.00	2.50	51	2.97	32.97	46.00	-13.03
498.8250	26.41	2.50	33	4.38	30.79	46.00	-15.21
998.3000	20.15	3.99	191	12.84	32.99	54.00	-21.01

Note:

- Margin = Amplitude – limit, *if margin is minus means under limit.*
- Corrected Amplitude = Reading Amplitude – Correction Factors
- Correction factor = Antenna factor + (Cable Loss – Amplitude gain)
(For example : 30MHz correction factor = 15.5 + (–15.26) = 0.24 dB/m)

Peak Power Test Result: (Vertical)

Frequency	Reading Amplitude	Correction Factors	Corrected Amplitude	Limit	Margin
MHz	dBμV	dB/m	dBμV/m	dBμV/m	dB
27.0995	77.23	-8.30	68.93	80.00	-11.07

Radiated Emission Test Result: (Vertical)

Test Conditions:

Testing site : Temperature : 30 ° C Humidity : 70 % RH

Frequency	Reading Amplitude	Ant. Height	Table	Correction Factors	Corrected Amplitude	Class B Limit	Margin
MHz	dBμV	m	degree	dB/m	dBμV/m	dBμV/m	dB
48.0010	28.62	0.97	237	-2.73	25.89	40.00	-14.11
144.0010	30.38	2.51	198	-4.07	26.31	43.50	-17.19
167.0455	28.27	4.00	33	-5.07	23.20	43.50	-20.30

Note:

1. Margin = Amplitude – limit, *if margin is minus means under limit.*
2. Corrected Amplitude = Reading Amplitude – Correction Factors
3. Correction factor = Antenna factor + (Cable Loss – Amplitude gain)
(For example : 30MHz correction factor = 15.5 + (–15.26) = 0.24 dB/m)