Measurement Result:

(Test Frequency: 794.900MHz , Horizontal , 30 MHz ~ 1 GHz)

Test Conditions:

Testing room : Temperature : 26 °C Humidity : 73 % RH

Testing site : Temperature : 31 °C Humidity : 75 % RH

Frequency	*Reading Amplitude*	*Ant. Height*	*Table*	*Correction Factors*	*Corrected Power*	*Attenuated below the mean power*	*minimum Attenuation limit*
MHz	dBμV	m	degree	dB/m	dBm	dB	dB
198.727	25.49	2.45	40	-13.32	-58.57	53.94	13.31
397.454	25.83	1.00	65	-19.59	-51.96	47.33	13.31
596.180	24.26	1.00	28	-23.26	-49.86	45.23	13.31
745.221	18.81	1.00	34	-26.42	-52.15	47.52	13.31
***							

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 :794.900MHz correction Amplitude=72.01–(–26.25)=8.26dBμV/m)
4. FI(Volt) = $10^{\text{FI (dBμV/m) / 20}} \times 10^{-6}$
   FI (Volt) = $10^{98.26/20} \times 10^{-6}$ = 0. 08185 V
5. P (watt) = FI ^{2}(Volt) X d^2 (meter) / 49.2
   FI (mW) = $(0.08185 \times 3)^2 / 49.2$ = 1.225399 mW
   FI (dBm) = 10 log 1.225399 (mW)/ 1(mW) = 0.8828 (dBm)
6. Mean Power = 10 log (p) (dB) = 10 log (0.34411) = -4.633
   Attenuated below the mean power = P – Corrected Power
   (For example : -4.633 – (- 58.57)) = 53.94 (dB))
7. Attenuation required = 43 + 10 log (1.07468 mW) = 13.31

Measurement Result:
(Test Frequency: 794.900MHz , Horizontal , 1GHz ~ 18GHz)

Radiated Emission				*Correction Factors*	*Corrected Amplitude*	*Attenuated below the mean power*	*minimum Attenuation Limit*
Frequency (GHz)	*Amplitude* (dBμV/m)	*Ant. H.* (cm)	*Table* (°)	(dB)	dBm	(dB)	(dB)
2.175	64.14	1.00	323	-8.67	-41.91	37.28	13.31
2.988	63.81	1.00	208	-6.84	-40.41	35.78	13.31
***							

Radiated Emission Test Result:
(Test Frequency: 794.900MHz , Vertical , 30MHz ~ 1GHz)

Frequency	*Reading Amplitude*	*Ant. Height*	*Table*	*Correction Factors*	*Corrected Power*	*Attenuated below the mean power*	*minimum Attenuation limit*
MHz	dBμV	m	degree	dB/m	dBm	dB	dB
198.728	21.62	1.00	15	-13.54	-62.22	57.59	13.31
397.454	24.74	1.00	152	-19.14	-53.50	48.87	13.31
596.180	22.44	1.00	32	-23.53	-51.41	46.78	13.31
993.633	18.66	1.00	128	-30.34	-48.38	43.75	13.31
***							

Radiated Emission Test Result:
(Test Frequency: 794.900MHz , Vertical , 1GHz ~ 18GHz)

Radiated Emission				*Correction Factors*	*Corrected Amplitude* dBm	*Attenuated below the mean power* (dB)	*minimum Attenuation Limit* (dB)
Frequency (GHz)	*Amplitude* (dBμV/m)	*Ant. H.* (cm)	*Table* (°)	(dB)			
2.175	66.47	1.00	106	-8.67	-39.58	34.95	13.31
2.988	65.97	1.00	118	-6.84	-38.25	33.62	13.31
***							

Measurement Result:
(Test Frequency: 800.200MHz , Horizontal , 30MHz ~ 1GHz)

Frequency	*Reading Amplitude*	*Ant. Height*	*Table*	*Correction Factors*	*Corrected Power*	*Attenuated below the mean power*	*minimum Attenuation limit*
MHz	dBμV	m	degree	dB/m	dBm	dB	dB
200.053	24.48	1.00	44	-13.40	-59.50	56.33	13.88
400.100	28.15	1.00	55	-19.71	-49.52	46.35	13.88
600.151	25.44	1.00	43	-23.25	-48.69	45.52	13.88
816.877	23.48	1.00	27	-26.09	-47.81	44.64	13.88
***							

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 :800.200MHz correction Amplitude=72.01 – (–26.25)= 98.26dBμV/m)
4. FI(Volt) = $10^{\text{FI (dBμV/m) / 20}} \times 10^{-6}$
   FI (Volt) = $10^{99.11/20} \times 10^{-6}$ = 0. 09026 V
5. P (watt) = FI ^{2}(Volt) X d^2 (meter) / 49.2
   FI (mW) = (0.09026 X 3)^2/ 49.2 = 1.490313 mW
   FI (dBm) = 10 log 1.490313 (mW)/ 1(mW) = 1.7328 (dBm)
6. Mean Power = 10 log (p) (dB) = 10 log (0.48184) = -3.171
   Attenuated below the mean power = P – Corrected Power
   (For example : -3.171 – (- 59.50)) = 53.94 (dB))
7. Attenuation required = 43 + 10 log (1.2254 mW) = 13.88

Measurement Result:
(Test Frequency: 800.200MHz , Horizontal , 1GHz ~ 18GHz)

Radiated Emission				*Correction Factors*	*Corrected Amplitude* dBm	*Attenuated below the mean power* (dB)	*minimum Attenuation Limit* (dB)
Frequency (GHz)	*Amplitude* (dBμV/m)	*Ant. H.* (cm)	*Table* (°)	(dB)			
2.188	63.47	1.00	107	-8.67	-42.58	39.41	13.88
2.788	65.47	1.00	20	-6.84	-38.75	35.58	13.88
***							

Radiated Emission Test Result:
(Test Frequency: 800.200MHz , Vertical , 30MHz ~ 1GHz)

Frequency	*Reading Amplitude*	*Ant. Height*	*Table*	*Correction Factors*	*Corrected Power*	*Attenuated below the mean power*	*minimum Attenuation limit*
MHz	dBμV	m	degree	dB/m	dBm	dB	dB
200.053	20.06	1.00	74	-13.64	-63.68	60.51	13.88
400.100	20.86	1.00	95	-19.24	-57.28	54.11	13.88
600.151	25.88	1.00	51	-23.56	-47.94	44.77	13.88
816.877	18.32	1.00	0	-26.67	-52.39	49.22	13.88
***							

Radiated Emission Test Result:
(Test Frequency: 800.200MHz , Vertical , 1GHz ~ 18GHz)

Radiated Emission				*Correction Factors*	*Corrected Amplitude* dBm	*Attenuated below the mean power* (dB)	*minimum Attenuation Limit* (dB)
Frequency (GHz)	*Amplitude* (dBμV/m)	*Ant. H.* (cm)	*Table* (°)	(dB)			
2.188	66.54	1.00	309	-8.67	-39.51	36.34	13.88
2.788	71.64	1.00	45	-6.84	-32.58	29.41	13.88
***							

Measurement Result:
(Test Frequency: 804.900MHz , Horizontal , 30MHz ~ 1GHz)

Frequency	*Reading Amplitude*	*Ant. Height*	*Table*	*Correction Factors*	*Corrected Power*	*Attenuated below the mean power*	*minimum Attenuation limit*
MHz	dBμV	m	degree	dB/m	dBm	dB	dB
201.226	27.61	2.45	29	-13.49	-56.28	51.93	12.71
402.448	37.38	1.00	42	-19.81	-40.19	35.84	12.71
821.663	24.23	1.00	60	-26.18	-46.97	42.62	12.71
855.199	18.65	1.00	55	-27.19	-51.54	47.19	12.71
***							

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 :804.900MHz correction Amplitude = 72.33 – (–26.17) = 98.50 dBμV/m)
4. FI(Volt) = $10^{\text{FI (dBμV/m) / 20}} \times 10^{-6}$
   FI (Volt) = $10^{98.50/20} \times 10^{-6} = 0.08414$ V
5. P (watt) = FI ^{2}(Volt) X d^2 (meter) / 49.2
   FI (mW) = (0.08414 X 3)^2/ 49.2 = 1.295023 mW
   FI (dBm) = 10 log 1.295023 (mW)/ 1(mW) = 1.1228 (dBm)
6. Mean Power = 10 log (p) (dB) = 10 log (0.36749) = -4.348
   Attenuated below the mean power = P – Corrected Power
   (For example : -4.348 – (- 58.57)) = 53.94 (dB))
7. Attenuation required = 43 + 10 log (0.93600 mW) = 12.71

Measurement Result:
(Test Frequency: 804.900MHz , Horizontal , 1GHz ~ 18GHz)

Radiated Emission				*Correction Factors*	*Corrected Amplitude* dBm	*Attenuated below the mean power* (dB)	*minimum Attenuation Limit* (dB)
Frequency (GHz)	*Amplitude* (dBμV/m)	*Ant. H.* (cm)	*Table* (°)	(dB)			
2.200	60.80	1.00	78	-8.67	52.13	-45.25	40.90
2.813	68.97	1.00	103	-8.67	60.30	-37.08	32.73
***							

Radiated Emission Test Result:
(Test Frequency: 804.900MHz , Vertical , 30MHz ~ 1GHz)

Frequency	*Reading Amplitude*	*Ant. Height*	*Table*	*Correction Factors*	*Corrected Power*	*Attenuated below the mean power*	*minimum Attenuation limit*
MHz	dBμV	m	degree	dB/m	dBm	dB	dB
201.224	23.22	1.00	123	-13.72	-60.44	56.09	12.71
402.445	36.11	1.00	66	-19.36	-41.91	37.56	12.71
603.671	15.86	1.00	82	-23.57	-57.95	53.60	12.71
821.663	18.12	1.00	87	-26.76	-52.50	48.15	12.71
855.119	6.63	1.00	145	-27.54	-63.21	58.86	12.71
***							

Radiated Emission Test Result:
(Test Frequency: 804.900MHz , Vertical , 1GHz ~ 18GHz)

Radiated Emission				*Correction Factors*	*Corrected Amplitude* dBm	*Attenuated below the mean power* (dB)	*minimum Attenuation Limit* (dB)
Frequency (GHz)	*Amplitude* (dBμV/m)	*Ant. H.* (cm)	*Table* (°)	(dB)			
2.200	61.47	1.00	80	-8.67	-44.58	40.23	12.71
2.813	71.47	1.00	9	-6.84	-32.75	28.40	12.71
***							