

Radiated disturbance at (6 ~ 18) GHz _ Peak Measurement data			
Test configuration mode	3	EUT Operation mode	3
Test voltage (V)	Battery	Test Frequency (Hz)	-

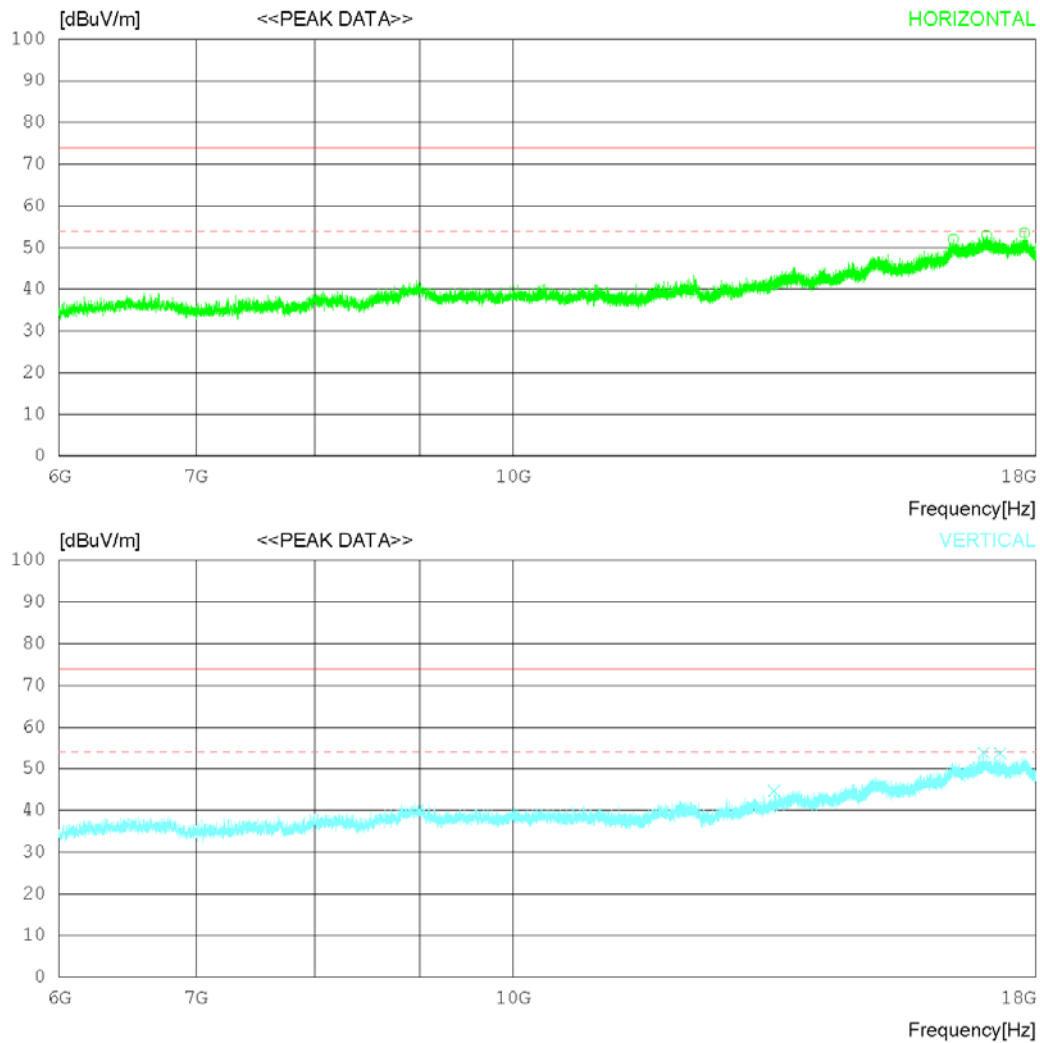
RADIATED EMISSION

Date 2020-06-22

Order No. DTNC2004-03684,DTNC2006-04883
Power Supply Battery
Temp/Humi 22 'C 52 % R.H.
Test Condition Barcode Mode

Memo

LIMIT : FCC Part15 Subpart.B Class B (3m) - GHz(Peak)
FCC Part15 Subpart.B Class B (3m) - GHz(Average)



RADIATED EMISSION

Date 2020-06-22

Order No.	DTNC2004-03684,DTNC2006-04883
Power Supply	Battery
Temp/Humi	22 °C 52 % R.H.
Test Condition	Barcode Mode

Memo

LIMIT : FCC Part15 Subpart.B Class B (3m) - GHz(Peak)
FCC Part15 Subpart.B Class B (3m) - GHz(Average)

No.	FREQ [MHz]	READING PEAK [dBuV]	ANT FACTOR [dB]	LOSS [dB]	GAIN [dB]	RESULT [dBuV/m]	LIMIT [dBuV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Horizontal -----										
1	16404.000	29.30	36.88	21.98	36.16	52.00	74.0	22	104	1
2	17030.250	28.20	37.57	23.57	36.44	52.90	74.0	21.1	101	349
3	17770.500	30.00	38.14	22.76	37.43	53.47	74.0	20.53	103	322
----- Vertical -----										
4	13413.750	30.90	33.70	17.59	37.49	44.70	74.0	29.3	109	312
5	16976.250	29.20	37.52	23.60	36.39	53.93	74.0	20.07	102	1
6	17295.000	30.60	37.78	22.12	36.75	53.75	74.0	20.25	106	190

Radiated disturbance at (6 ~ 18) GHz _ Average Measurement data			
Test configuration mode	3	EUT Operation mode	3
Test voltage (V)	Battery	Test Frequency (Hz)	-

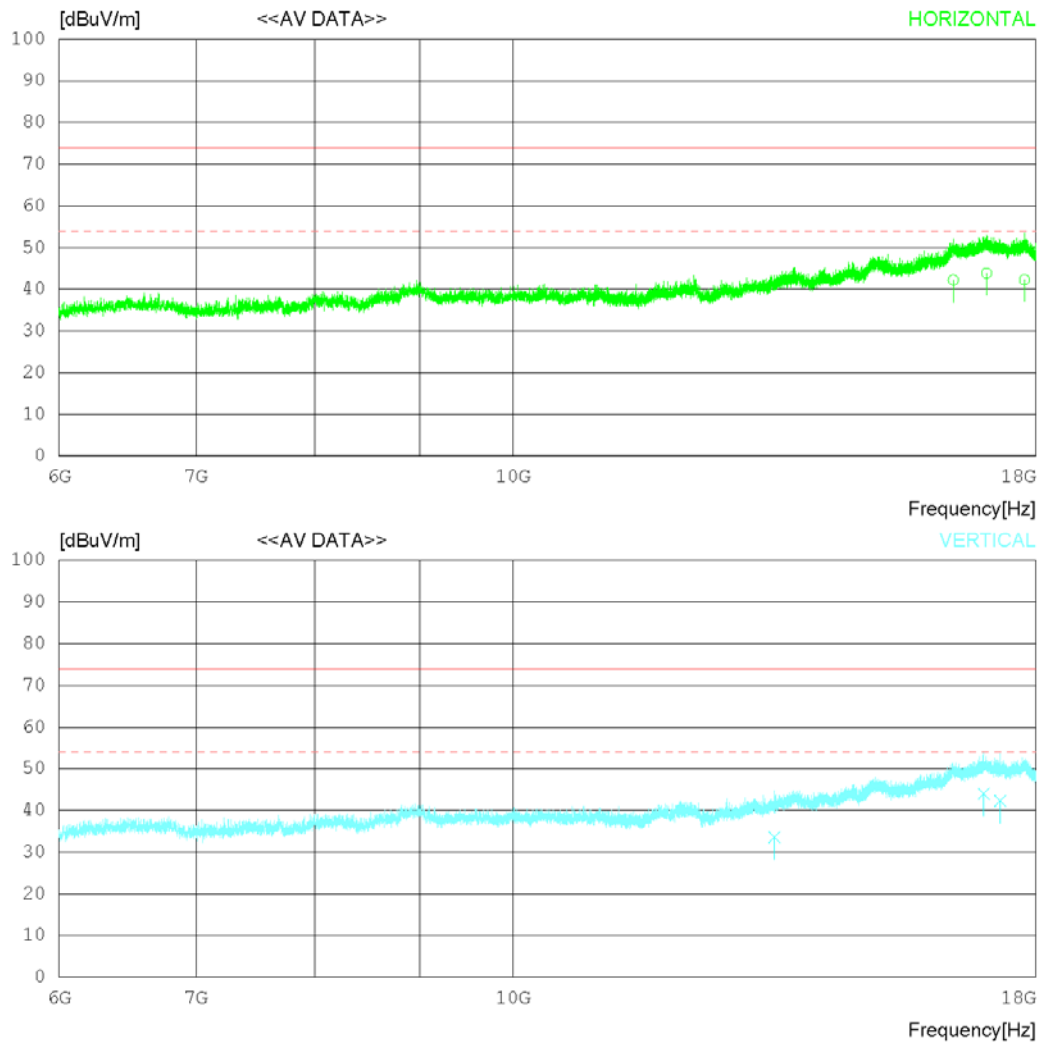
RADIATED EMISSION

Date 2020-06-22

Order No. DTNC2004-03684,DTNC2006-04883
Power Supply Battery
Temp/Humi 22 'C 52 % R.H.
Test Condition Barcode Mode

Memo

LIMIT : FCC Part15 Subpart.B Class B (3m) - GHz(Peak)
FCC Part15 Subpart.B Class B (3m) - GHz(Average)



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Order No. DTNC2004-03684,DTNC2006-04883
Power Supply Battery
Temp/Humi 22 °C 52 % R.H.
Test Condition Barcode Mode

Memo

LIMIT : FCC Part15 Subpart.B Class B (3m) - GHz(Peak)
FCC Part15 Subpart.B Class B (3m) - GHz(Average)

No.	FREQ [MHz]	READING CAV [dBuV]	ANT FACTOR [dB]	LOSS [dB]	GAIN [dB]	RESULT [dBuV/m]	LIMIT [dBuV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Horizontal -----										
1	16404.150	19.50	36.88	21.98	36.16	42.20	54.00	11.80	100	0
2	17030.200	19.20	37.57	23.57	36.44	43.90	54.00	10.10	100	351
3	17770.280	18.80	38.14	22.76	37.43	42.27	54.00	11.73	100	307
----- Vertical -----										
4	13413.630	19.80	33.70	17.59	37.49	33.60	54.00	20.40	107	328
5	16976.280	19.30	37.52	23.60	36.39	44.03	54.00	9.97	101	0
6	17295.120	19.10	37.78	22.12	36.75	42.25	54.00	11.75	105	192

Radiated disturbance at (18 ~ 40) GHz _ Peak Measurement data			
Test configuration mode	3	EUT Operation mode	3
Test voltage (V)	Battery	Test Frequency (Hz)	-

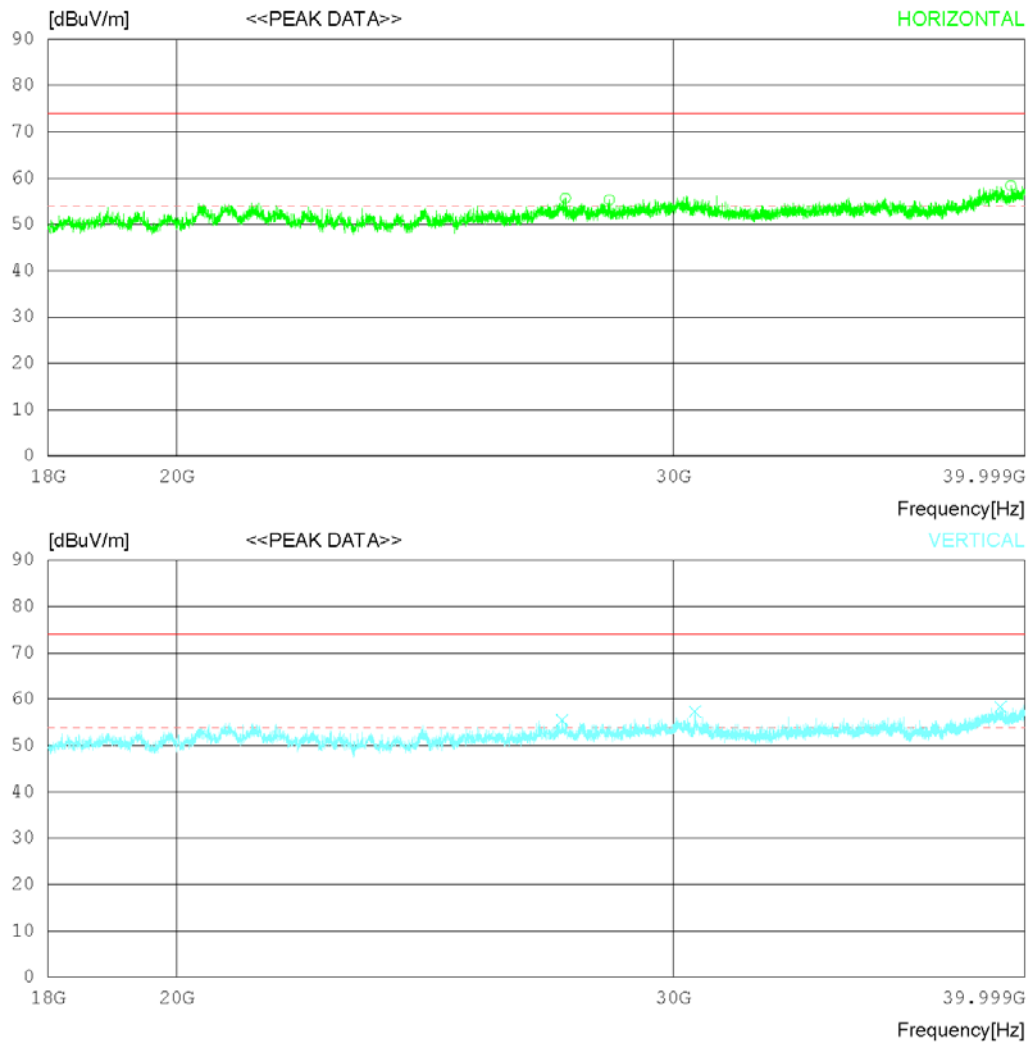
RADIATED EMISSION

Date 2020-06-23

Order No. DTNC2004-03684, DTNC2006-04883
Power Supply Battery
Temp/Humi 22 'C 46 % R.H.
Test Condition Barcode Mode

Memo

LIMIT : FCC Part15 Subpart.B Class B (3m) - GHz(Peak)
FCC Part15 Subpart.B Class B (3m) - GHz(Average)



RADIATED EMISSION

Date 2020-06-23

Order No.	DTNC2004-03684, DTNC2006-04883
Power Supply	Battery
Temp/Humi	22 °C 46 % R.H.
Test Condition	Barcode Mode

Memo

LIMIT : FCC Part15 Subpart.B Class B (3m) - GHz(Peak)
FCC Part15 Subpart.B Class B (3m) - GHz(Average)

No.	FREQ [MHz]	READING PEAK [dBuV]	ANT FACTOR [dB]	LOSS [dB]	GAIN [dB]	RESULT [dBuV/m]	LIMIT [dBuV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Horizontal -----										
1	27476.500	41.50	46.00	21.19	53.02	55.67	74.0	18.33	206	86
2	28480.250	40.00	46.50	21.54	52.69	55.35	74.0	18.65	205	136
3	39543.500	37.20	48.39	24.98	52.22	58.35	74.0	15.65	111	1
----- Vertical -----										
4	27405.000	41.30	46.00	21.18	53.04	55.44	74.0	18.56	106	358
5	30545.500	40.00	47.40	22.19	52.23	57.36	74.0	16.64	102	358
6	39219.000	37.20	47.92	25.46	52.24	58.34	74.0	15.66	103	74

Radiated disturbance at (18 ~ 40) GHz _ Average Measurement data			
Test configuration mode	3	EUT Operation mode	3
Test voltage (V)	Battery	Test Frequency (Hz)	-

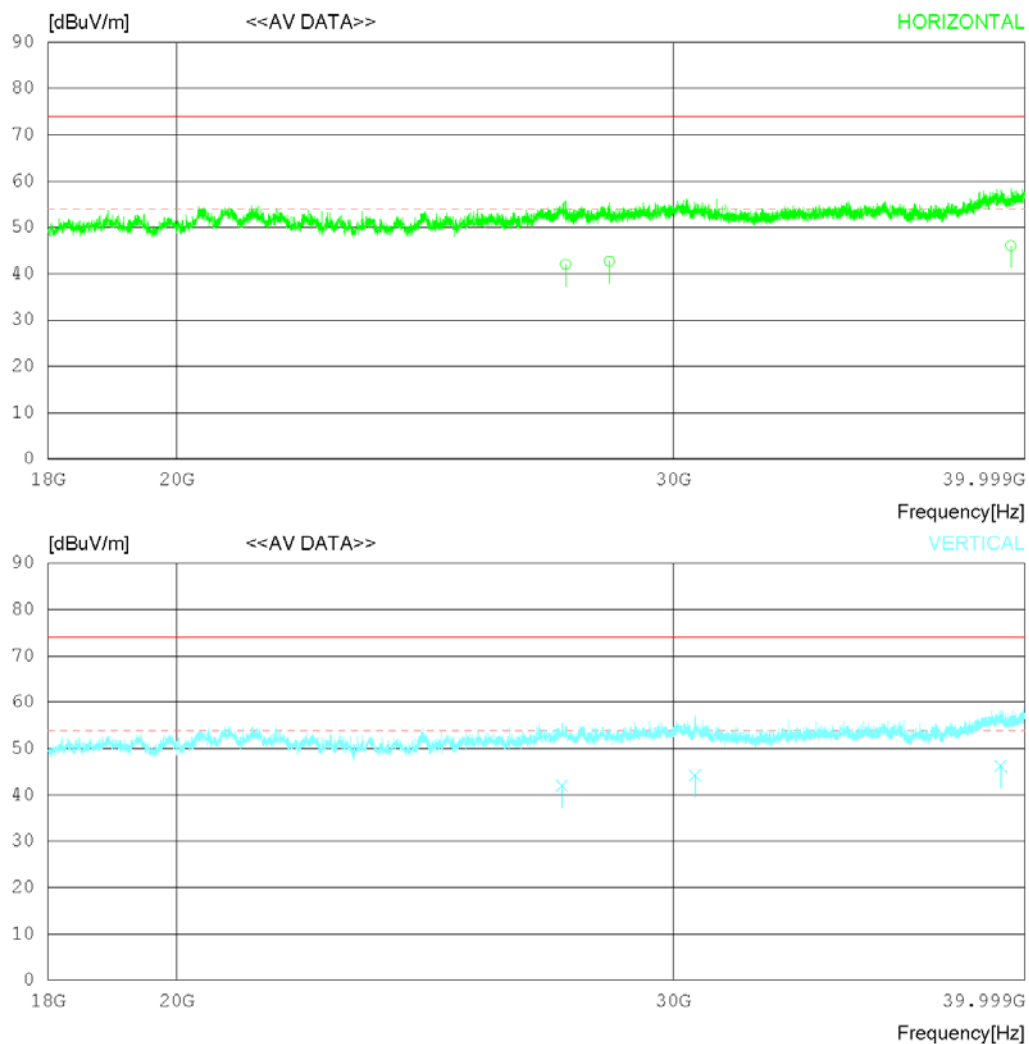
RADIATED EMISSION

Date 2020-06-23

Order No. DTNC2004-03684, DTNC2006-04883
Power Supply Battery
Temp/Humi 22 'C 46 % R.H.
Test Condition Barcode Mode

Memo

LIMIT : FCC Part15 Subpart.B Class B (3m) - GHz(Peak)
FCC Part15 Subpart.B Class B (3m) - GHz(Average)



RADIATED EMISSION

Date 2020-06-23

Order No.	DTNC2004-03684, DTNC2006-04883
Power Supply	Battery
Temp/Humi	22 °C 46 % R.H.
Test Condition	Barcode Mode

Memo

LIMIT : FCC Part15 Subpart B Class B (3m) - GHz(Peak)
FCC Part15 Subpart B Class B (3m) - GHz(Average)

No.	FREQ [MHz]	READING CAV [dBuV]	ANT FACTOR [dB]	LOSS [dB]	GAIN [dB]	RESULT [dBuV/m]	LIMIT [dBuV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Horizontal -----										
1	27476.740	27.90	46.00	21.19	53.02	42.07	54.00	11.93	202	95
2	28480.390	27.40	46.50	21.54	52.69	42.75	54.00	11.25	201	144
3	39543.410	24.90	48.39	24.98	52.22	46.05	54.00	7.95	109	0
----- Vertical -----										
4	27405.150	27.80	46.00	21.18	53.04	41.94	54.00	12.06	105	345
5	30545.390	26.90	47.40	22.19	52.23	44.26	54.00	9.74	101	351
6	39219.290	25.10	47.92	25.46	52.24	46.24	54.00	7.76	104	88

Radiated disturbance at (30 ~ 1000) MHz _ Measurement data			
Test configuration mode	4	EUT Operation mode	4
Test voltage (V)	120	Test Frequency (Hz)	60

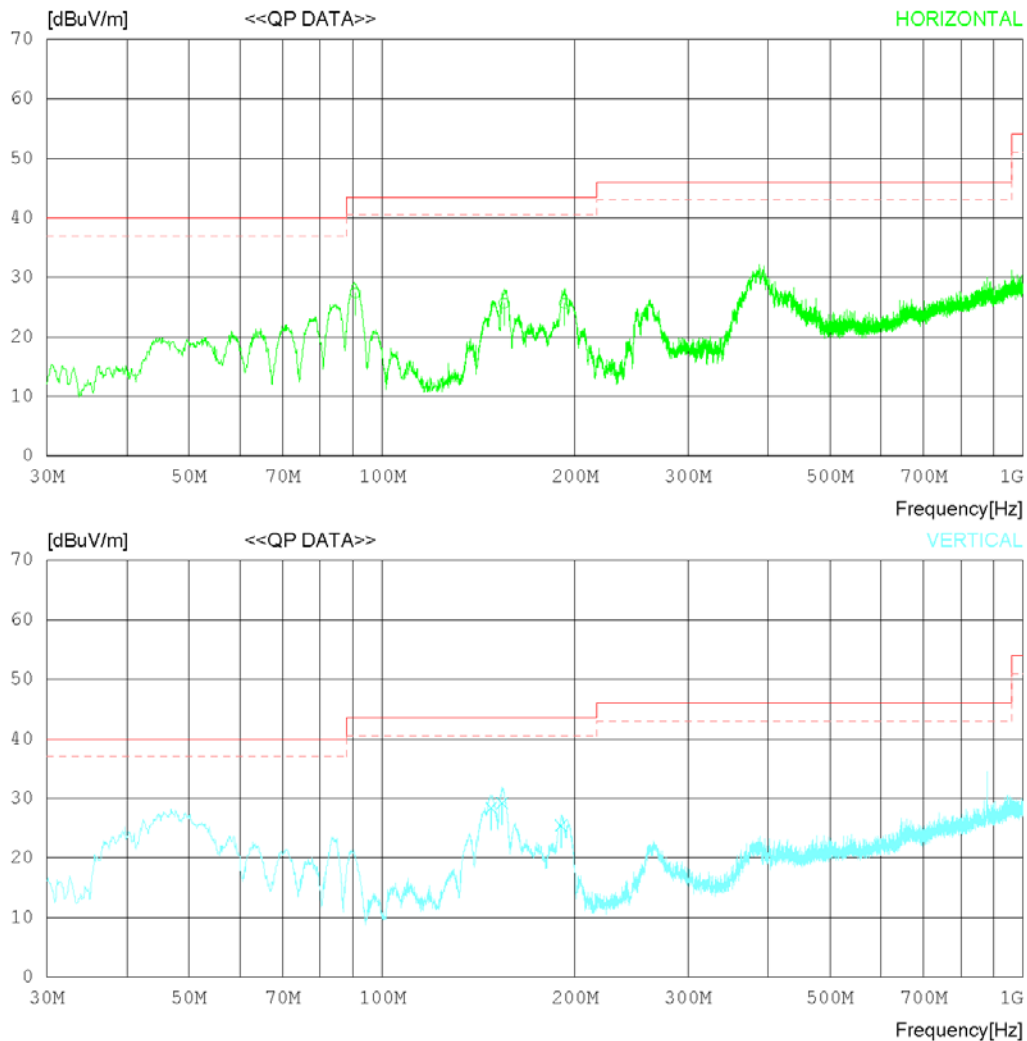
RADIATED EMISSION

Date 2020-06-22

Order No. DTNC2004-03684, DTNC2006-04883
Power Supply 120 VAC 60 Hz
Temp/Humi 22 °C 52 % R.H.
Test Condition Charging Mode

Memo

LIMIT : FCC Part15 Subpart.B Class B (3m)
MARGIN: 3 dB



RADIATED EMISSION

Date 2020-06-22

Order No. DTNC2004-03684, DTNC2006-04883
Power Supply 120 VAC 60 Hz
Temp/Humi 22 °C 52 %R.H.
Test Condition Charging Mode

Memo

LIMIT : FCC Part15 Subpart.B Class B (3m)
MARGIN: 3 dB

No.	FREQ [MHz]	READING QP [dBuV]	ANT FACTOR [dB]	LOSS [dB]	GAIN [dB]	RESULT [dBuV/m]	LIMIT [dBuV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Horizontal -----										
1	90.867	39.60	13.39	1.16	26.80	27.35	43.50	16.15	205	72
2	155.006	32.20	18.90	1.31	26.75	25.66	43.50	17.84	308	0
3	192.714	34.30	16.44	1.60	26.66	25.68	43.50	17.82	214	135
----- Vertical -----										
4	148.095	35.10	18.86	1.21	26.76	28.41	43.50	15.09	101	356
5	154.036	35.80	18.90	1.30	26.75	29.25	43.50	14.25	100	207
6	190.289	33.90	16.58	1.65	26.66	25.47	43.50	18.03	105	351

Radiated disturbance at (1 ~ 6) GHz _ Peak Measurement data			
Test configuration mode	4	EUT Operation mode	4
Test voltage (V)	120	Test Frequency (Hz)	60

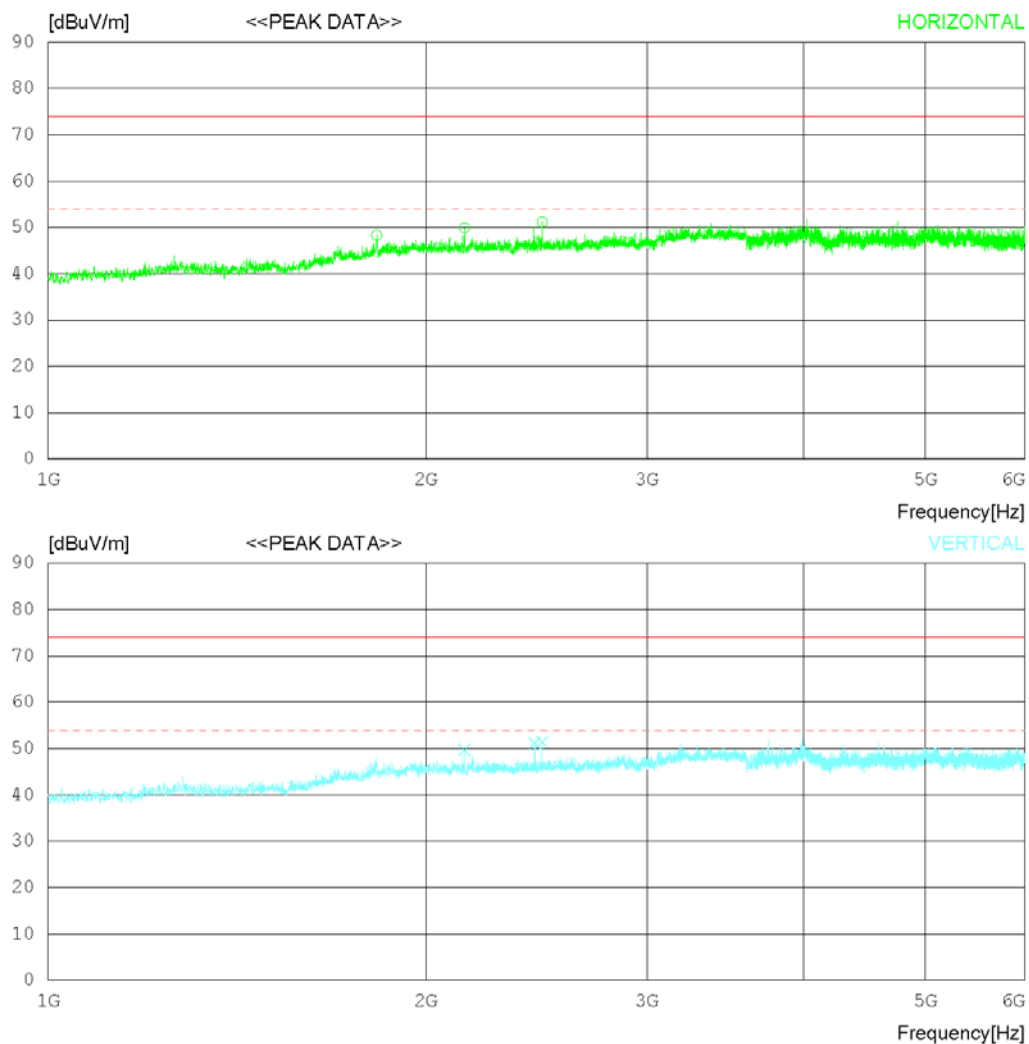
RADIATED EMISSION

Date 2020-06-22

Order No. DTNC2004-03684,DTNC2006-04883
Power Supply 120 VAC 60 Hz
Temp/Humi 22 'C 52 %.R.H.
Test Condition Charging Mode

Memo

LIMIT : FCC Part15 Subpart.B Class B (3m) - GHz(Peak)
FCC Part15 Subpart.B Class B (3m) - GHz(Average)



RADIATED EMISSION

Date 2020-06-22

Order No.	DTNC2004-03684,DTNC2006-04883
Power Supply	120 VAC 60 Hz
Temp/Humi	22 °C 52 %R.H.
Test Condition	Charging Mode

Memo

LIMIT : FCC Part15 Subpart B Class B (3m) - GHz(Peak)
FCC Part15 Subpart B Class B (3m) - GHz(Average)

No.	FREQ [MHz]	READING PEAK [dBuV]	ANT FACTOR [dB]	LOSS [dB]	GAIN [dB]	RESULT [dBuV/m]	LIMIT [dBuV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Horizontal -----										
1	1827.500	45.20	30.64	7.01	34.58	48.27	74.0	25.73	206	80
2	2146.875	45.80	31.71	6.82	34.43	49.90	74.0	24.1	107	1
3	2475.625	46.40	32.20	7.19	34.62	51.17	74.0	22.83	106	298
----- Vertical -----										
4	2147.500	45.70	31.71	6.82	34.43	49.80	74.0	24.2	102	358
5	2441.875	46.50	32.20	7.13	34.60	51.23	74.0	22.77	100	61
6	2476.250	46.60	32.20	7.19	34.62	51.37	74.0	22.63	106	43

Radiated disturbance at (1 ~ 6) GHz _ Average Measurement data			
Test configuration mode	4	EUT Operation mode	4
Test voltage (V)	120	Test Frequency (Hz)	60

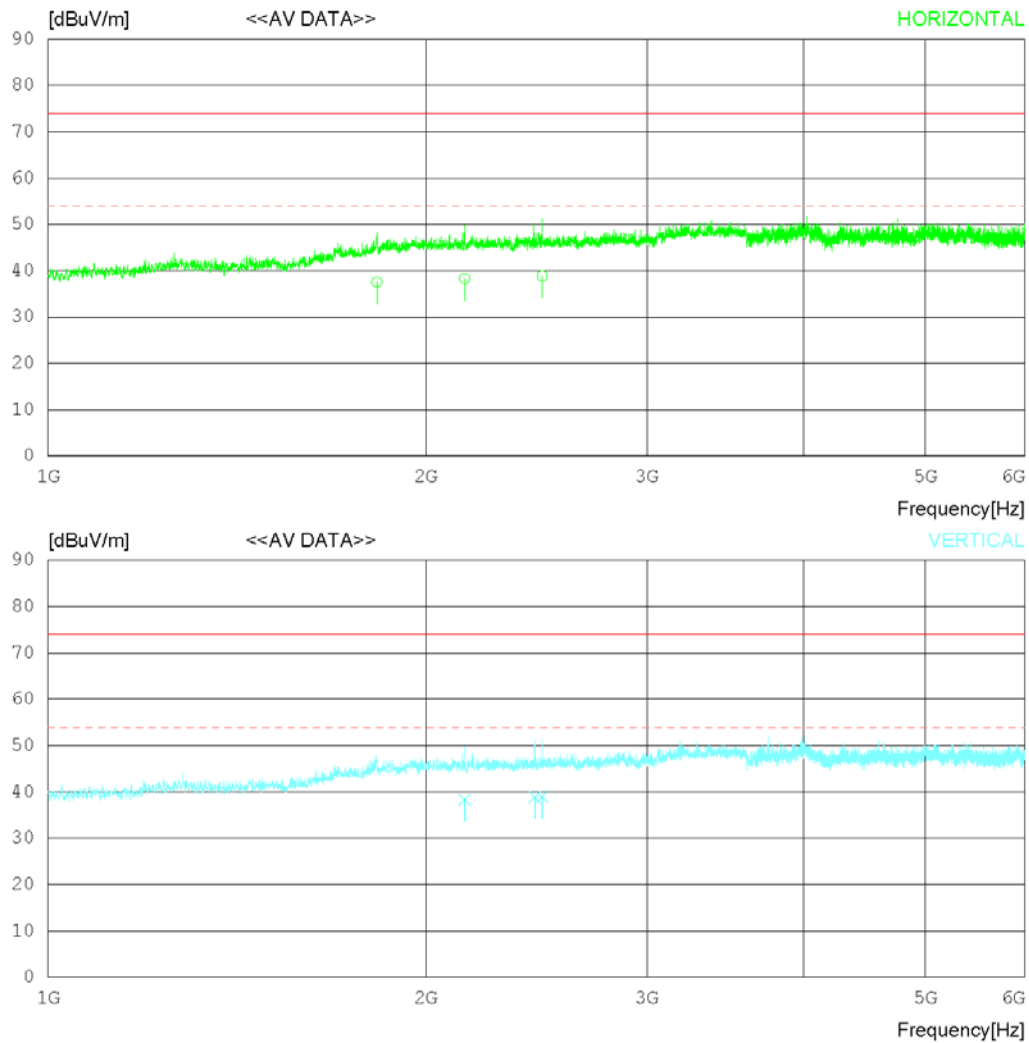
RADIATED EMISSION

Date 2020-06-22

Order No. DTNC2004-03684,DTNC2006-04883
Power Supply 120 VAC 60 Hz
Temp/Humi 22 'C 52 %.R.H.
Test Condition Charging Mode

Memo

LIMIT : FCC Part15 Subpart.B Class B (3m) - GHz(Peak)
FCC Part15 Subpart.B Class B (3m) - GHz(Average)



RADIATED EMISSION

Date 2020-06-22

Order No.	DTNC2004-03684,DTNC2006-04883
Power Supply	120 VAC 60 Hz
Temp/Humi	22 °C 52 %R.H.
Test Condition	Charging Mode

Memo

LIMIT : FCC Part15 Subpart.B Class B (3m) - GHz(Peak)
FCC Part15 Subpart.B Class B (3m) - GHz(Average)

No.	FREQ [MHz]	READING CAV [dBuV]	ANT FACTOR [dB]	LOSS [dB]	GAIN [dB]	RESULT [dBuV/m]	LIMIT [dBuV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Horizontal -----										
1	1827.498	34.50	30.64	7.01	34.58	37.57	54.00	16.43	204	80
2	2146.965	34.20	31.71	6.82	34.43	38.30	54.00	15.70	106	0
3	2475.615	34.10	32.20	7.19	34.62	38.87	54.00	15.13	104	302
----- Vertical -----										
4	2147.510	34.20	31.70	6.82	34.43	38.29	54.00	15.71	103	354
5	2441.925	34.10	32.20	7.13	34.60	38.83	54.00	15.17	101	61
6	2476.240	34.10	32.20	7.19	34.62	38.87	54.00	15.13	105	43

Radiated disturbance at (6 ~ 18) GHz _ Peak Measurement data			
Test configuration mode	4	EUT Operation mode	4
Test voltage (V)	120	Test Frequency (Hz)	60

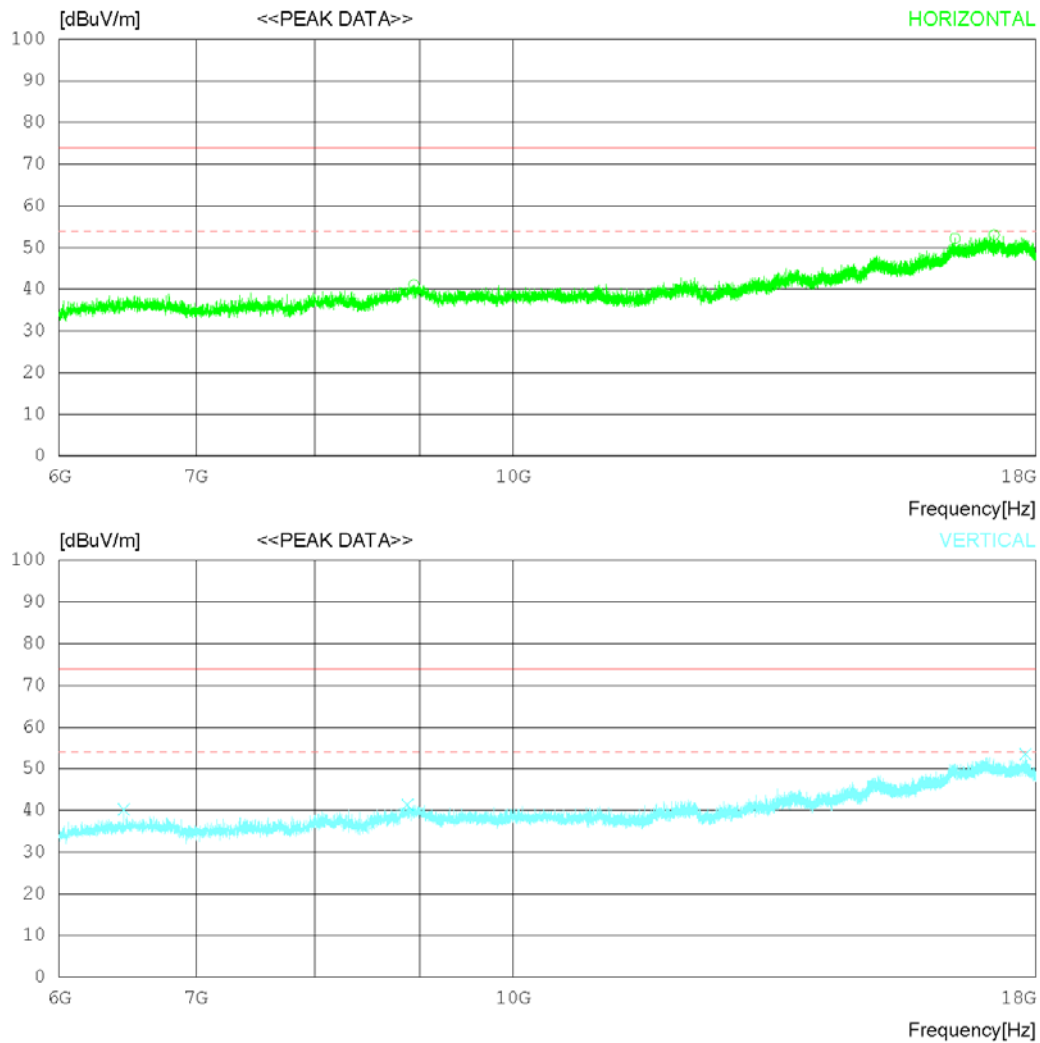
RADIATED EMISSION

Date 2020-06-22

Order No. DTNC2004-03684, DTNC2006-04883
Power Supply 120 VAC 60 Hz
Temp/Humi 22 'C 52 % R.H.
Test Condition Charging Mode

Memo

LIMIT : FCC Part15 Subpart.B Class B (3m) - GHz(Peak)
FCC Part15 Subpart.B Class B (3m) - GHz(Average)



RADIATED EMISSION

Date 2020-06-22

Order No.	DTNC2004-03684, DTNC2006-04883
Power Supply	120 VAC 60 Hz
Temp/Humi	22 °C 52 % R.H.
Test Condition	Charging Mode

Memo

LIMIT : FCC Part15 Subpart B Class B (3m) - GHz(Peak)
FCC Part15 Subpart B Class B (3m) - GHz(Average)

No.	FREQ [MHz]	READING PEAK [dBuV]	ANT FACTOR [dB]	LOSS [dB]	GAIN [dB]	RESULT [dBuV/m]	LIMIT [dBuV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Horizontal -----										
1	8942.250	31.20	32.05	15.33	37.47	41.11	74.0	32.89	105	344
2	16435.500	29.50	36.91	21.94	36.14	52.21	74.0	21.79	202	174
3	17170.500	29.50	37.68	22.45	36.60	53.03	74.0	20.97	206	1
----- Vertical -----										
4	6453.000	36.20	31.60	11.25	38.85	40.20	74.0	33.8	105	40
5	8880.750	31.70	32.00	15.11	37.43	41.38	74.0	32.62	102	221
6	17789.250	30.00	38.16	22.79	37.46	53.49	74.0	20.51	106	1

Radiated disturbance at (6 ~ 18) GHz _ Average Measurement data			
Test configuration mode	4	EUT Operation mode	4
Test voltage (V)	120	Test Frequency (Hz)	60

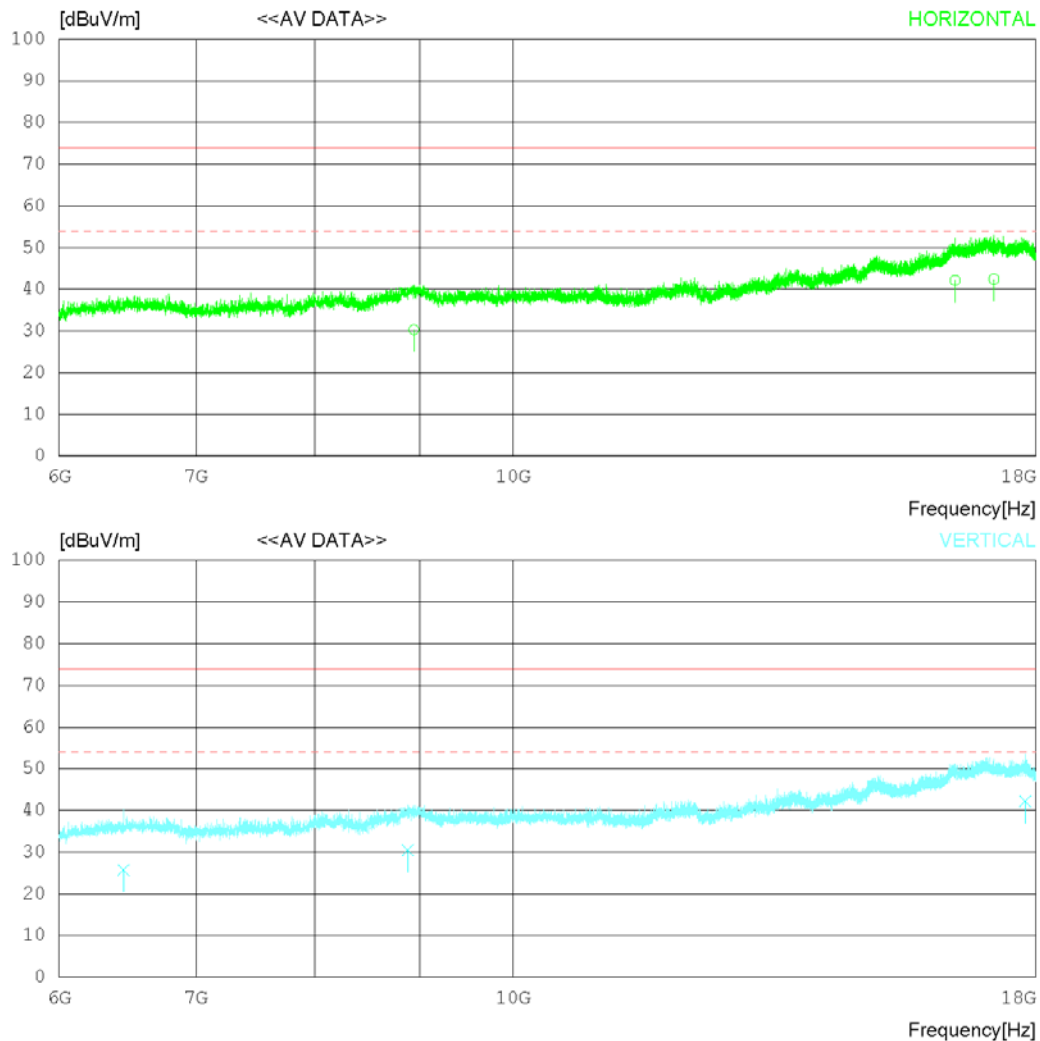
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Power Supply 120 VAC 60 Hz
Temp/Humi 22 'C 52 % R.H.
Test Condition Charging Mode

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FCC Part15 Subpart.B Class B (3m) - GHz(Average)



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Date 2020-06-22

Order No.	DTNC2004-03684, DTNC2006-04883
Power Supply	120 VAC 60 Hz
Temp/Humi	22 °C 52 % R.H.
Test Condition	Charging Mode

Memo

LIMIT : FCC Part15 Subpart.B Class B (3m) - GHz(Peak)
FCC Part15 Subpart.B Class B (3m) - GHz(Average)

No.	FREQ [MHz]	READING CAV [dBuV]	ANT FACTOR [dB]	LOSS [dB]	GAIN [dB]	RESULT [dBuV/m]	LIMIT [dBuV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Horizontal -----										
1	8942.196	20.40	32.05	15.33	37.47	30.31	54.00	23.69	104	351
2	16435.230	19.40	36.91	21.94	36.14	42.11	54.00	11.89	201	186
3	17170.180	18.90	37.68	22.45	36.60	42.43	54.00	11.57	205	0
----- Vertical -----										
4	6453.170	21.70	31.60	11.25	38.85	25.70	54.00	28.30	104	56
5	8880.638	20.80	32.00	15.11	37.43	30.48	54.00	23.52	101	235
6	17789.130	18.70	38.16	22.79	37.46	42.19	54.00	11.81	105	0

Radiated disturbance at (18 ~ 40) GHz _ Peak Measurement data			
Test configuration mode	4	EUT Operation mode	4
Test voltage (V)	120	Test Frequency (Hz)	60

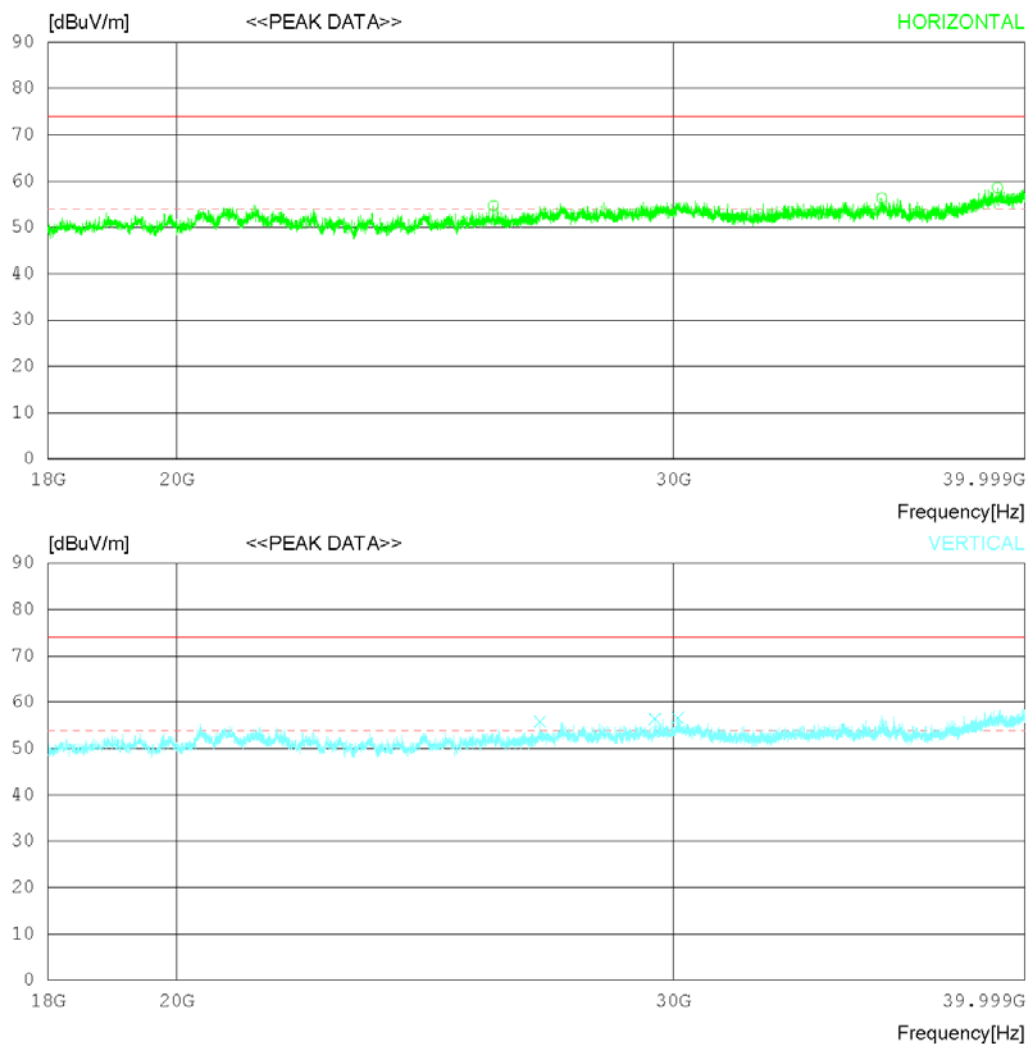
RADIATED EMISSION

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Power Supply 120 VAC 60 Hz
Temp/Humi 22 'C 46 % R.H.
Test Condition Charging Mode

Memo

LIMIT : FCC Part15 Subpart.B Class B (3m) - GHz(Peak)
FCC Part15 Subpart.B Class B (3m) - GHz(Average)



RADIATED EMISSION

Date 2020-06-23

Order No.	DTNC2004-03684, DTNC2006-04883
Power Supply	120 VAC 60 Hz
Temp/Humi	22 °C 46 % R.H.
Test Condition	Charging Mode

Memo

LIMIT : FCC Part15 Subpart.B Class B (3m) - GHz(Peak)
FCC Part15 Subpart.B Class B (3m) - GHz(Average)

No.	FREQ [MHz]	READING PEAK [dBuV]	ANT FACTOR [dB]	LOSS [dB]	GAIN [dB]	RESULT [dBuV/m]	LIMIT [dBuV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Horizontal -----										
1	25903.500	41.20	45.90	21.10	53.53	54.67	74.0	19.33	202	117
2	35580.750	39.10	47.00	24.06	53.80	56.36	74.0	17.64	206	1
3	39111.750	37.50	47.72	25.62	52.24	58.60	74.0	15.4	204	275
----- Vertical -----										
4	26907.250	42.00	45.90	21.12	53.21	55.81	74.0	18.19	106	131
5	29558.250	39.40	47.46	21.86	52.34	56.38	74.0	17.62	102	354
6	30119.250	39.40	47.50	21.94	52.21	56.63	74.0	17.37	110	355

Radiated disturbance at (18 ~ 40) GHz _ Average Measurement data			
Test configuration mode	4	EUT Operation mode	4
Test voltage (V)	120	Test Frequency (Hz)	60

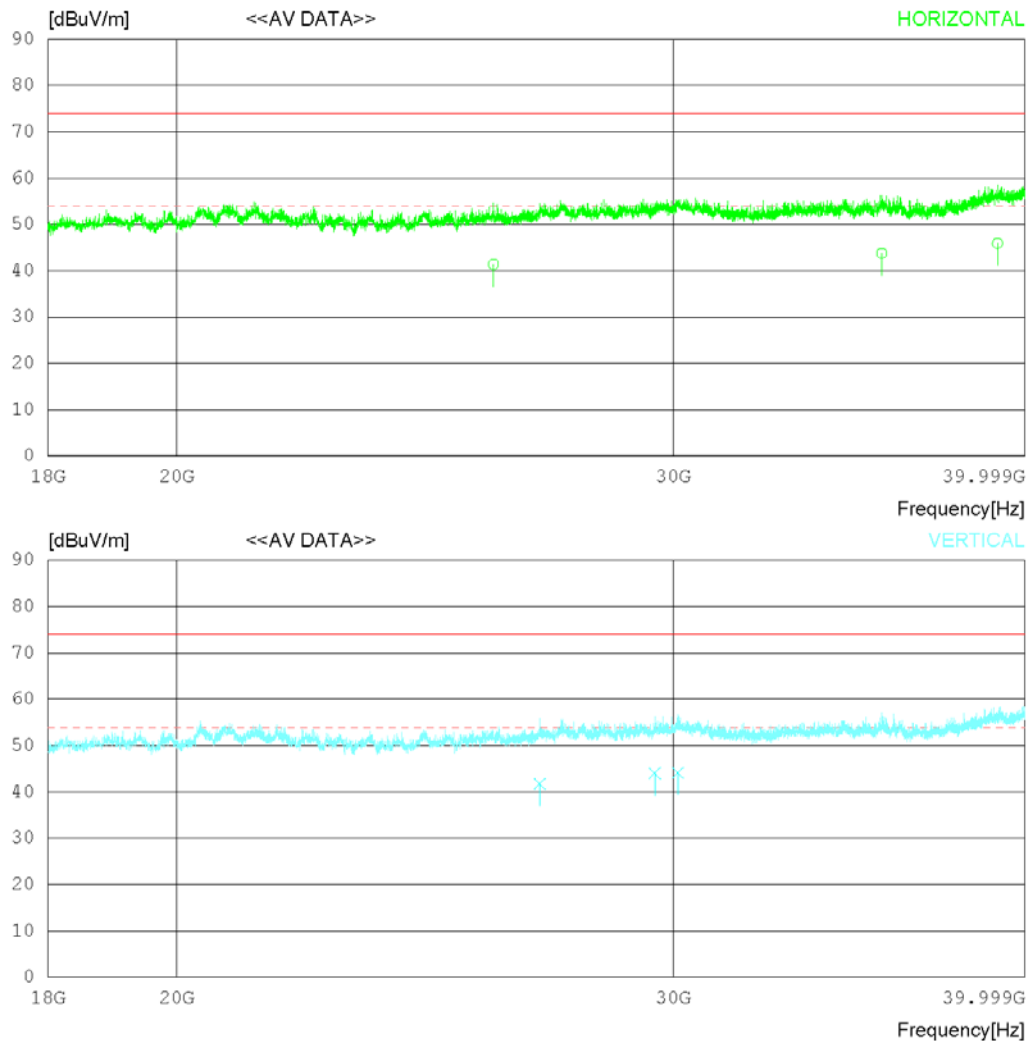
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Power Supply 120 VAC 60 Hz
Temp/Humi 22 'C 46 % R.H.
Test Condition Charging Mode

Memo

LIMIT : FCC Part15 Subpart.B Class B (3m) - GHz(Peak)
FCC Part15 Subpart.B Class B (3m) - GHz(Average)



RADIATED EMISSION

Date 2020-06-23

Order No.	DTNC2004-03684, DTNC2006-04883
Power Supply	120 VAC 60 Hz
Temp/Humi	22 °C 46 % R.H.
Test Condition	Charging Mode

Memo

LIMIT : FCC Part15 Subpart.B Class B (3m) - GHz(Peak)
FCC Part15 Subpart.B Class B (3m) - GHz(Average)

No.	FREQ [MHz]	READING CAV [dBuV]	ANT FACTOR [dB]	LOSS [dB]	GAIN [dB]	RESULT [dBuV/m]	LIMIT [dBuV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Horizontal -----										
1	25903.520	27.90	45.90	21.10	53.53	41.37	54.00	12.63	201	135
2	35580.630	26.50	47.00	24.06	53.80	43.76	54.00	10.24	204	0
3	39111.440	24.80	47.72	25.62	52.24	45.90	54.00	8.10	205	281
----- Vertical -----										
4	26907.860	27.90	45.90	21.12	53.20	41.72	54.00	12.28	105	145
5	29558.360	27.10	47.46	21.86	52.34	44.08	54.00	9.92	101	347
6	30119.140	26.90	47.50	21.94	52.21	44.13	54.00	9.87	109	351

Radiated disturbance at (30 ~ 1000) MHz _Measurement data			
Test configuration mode	5	EUT Operation mode	5
Test voltage (V)	120	Test Frequency (Hz)	60

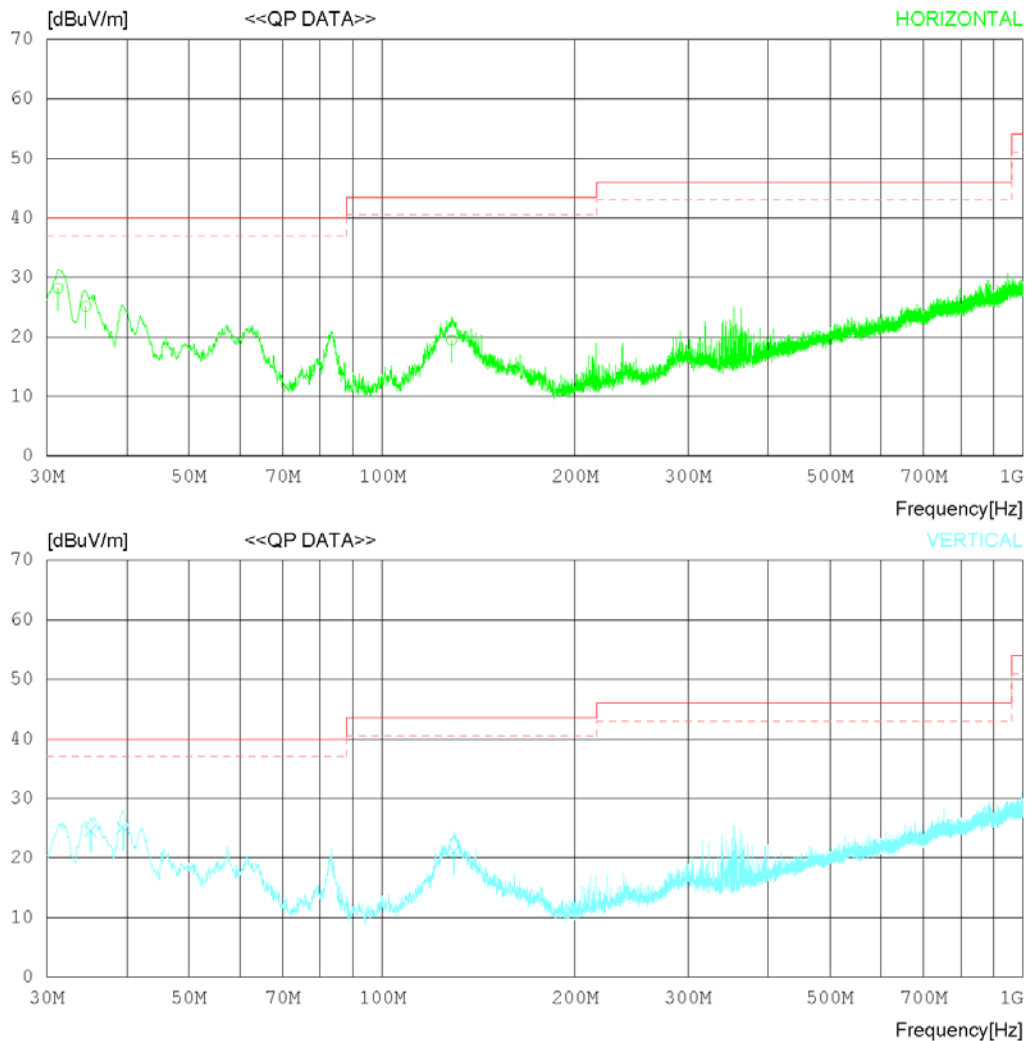
RADIATED EMISSION

Date 2020-06-22

Order No. DTNC2004-03684, DTNC2006-04883
Power Supply 120 VAC 60 Hz
Temp/Humi 22 'C 52 %.R.H.
Test Condition Cradle Charging Mode

Memo

LIMIT : FCC Part15 Subpart.B Class B (3m)
MARGIN: 3 dB



RADIATED EMISSION

Date 2020-06-22

Order No. DTNC2004-03684, DTNC2006-04883
Power Supply 120 VAC 60 Hz
Temp/Humi 22 °C 52 %R.H.
Test Condition Cradle Charging Mode

Memo

LIMIT : FCC Part15 Subpart.B Class B (3m)
MARGIN: 3 dB

No.	FREQ [MHz]	READING QP [dBuV]	ANT FACTOR [dB]	LOSS [dB]	GAIN [dB]	RESULT [dBuV/m]	LIMIT [dBuV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Horizontal -----										
1	31.213	38.69	15.40	0.64	26.53	28.20	40.00	11.80	101	324
2	34.486	35.30	15.75	0.64	26.54	25.15	40.00	14.85	102	338
3	128.332	27.10	17.82	1.33	26.79	19.46	43.50	24.04	105	74
----- Vertical -----										
4	35.093	34.70	15.82	0.66	26.55	24.63	40.00	15.37	100	356
5	39.458	34.20	16.80	0.67	26.57	25.10	40.00	14.90	105	354
6	129.544	28.60	17.95	1.37	26.79	21.13	43.50	22.37	102	352

Radiated disturbance at (1 ~ 6) GHz _ Peak Measurement data			
Test configuration mode	5	EUT Operation mode	5
Test voltage (V)	120	Test Frequency (Hz)	60

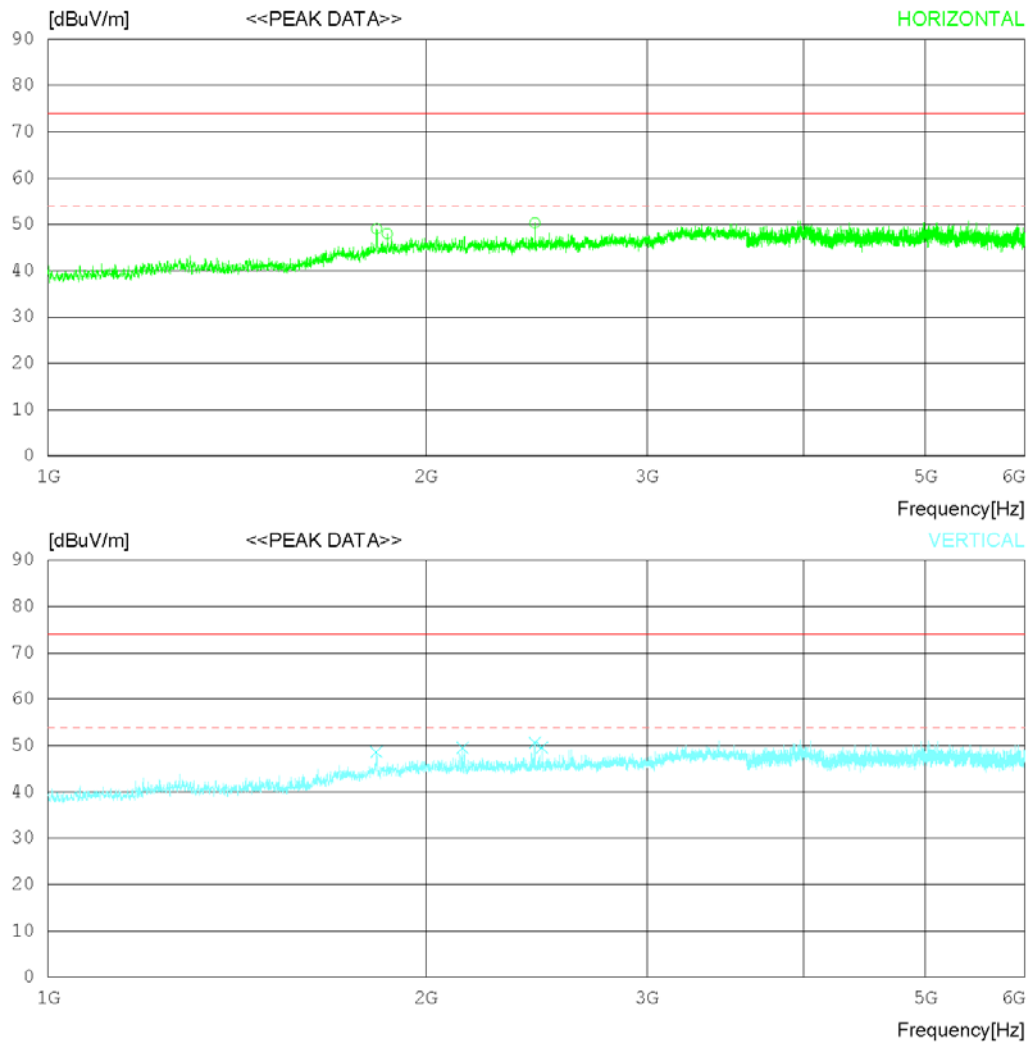
RADIATED EMISSION

Date 2020-06-22

Order No. DTNC2004-03684,DTNC2006-04883
Power Supply 120 VAC 60 Hz
Temp/Humi 22 'C 52 %.R.H.
Test Condition Cradle Charging Mode

Memo

LIMIT : FCC Part15 Subpart.B Class B (3m) - GHz(Peak)
FCC Part15 Subpart.B Class B (3m) - GHz(Average)



RADIATED EMISSION

Date 2020-06-22

Order No.	DTNC2004-03684,DTNC2006-04883
Power Supply	120 VAC 60 Hz
Temp/Humi	22 °C 52 %R.H.
Test Condition	Cradle Charging Mode

Memo

LIMIT : FCC Part15 Subpart.B Class B (3m) - GHz(Peak)
FCC Part15 Subpart.B Class B (3m) - GHz(Average)

No.	FREQ [MHz]	READING PEAK [dBuV]	ANT FACTOR [dB]	LOSS [dB]	GAIN [dB]	RESULT [dBuV/m]	LIMIT [dBuV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Horizontal -----										
1	1826.875	46.00	30.63	7.02	34.58	49.07	74.0	24.93	105	1
2	1862.500	44.50	31.10	6.94	34.53	48.01	74.0	25.99	208	142
3	2441.875	45.60	32.20	7.13	34.60	50.33	74.0	23.67	206	183
----- Vertical -----										
4	1826.875	45.50	30.63	7.02	34.58	48.57	74.0	25.43	113	134
5	2139.375	45.40	31.72	6.82	34.42	49.52	74.0	24.48	102	334
6	2441.875	45.90	32.20	7.13	34.60	50.63	74.0	23.37	108	3
7	2475.625	44.80	32.20	7.19	34.62	49.57	74.0	24.43	106	358

Radiated disturbance at (1 ~ 6) GHz _ Average Measurement data			
Test configuration mode	5	EUT Operation mode	5
Test voltage (V)	120	Test Frequency (Hz)	60

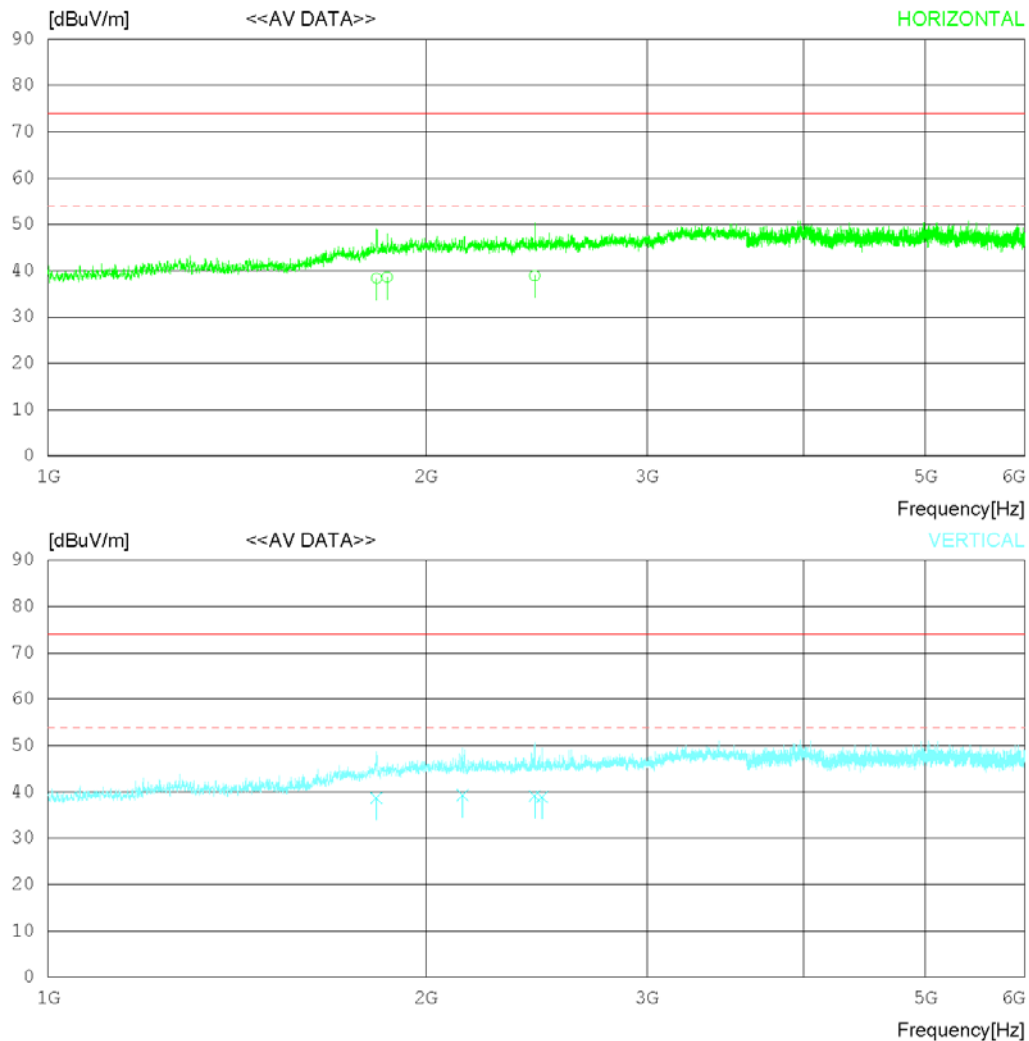
RADIATED EMISSION

Date 2020-06-22

Order No. DTNC2004-03684,DTNC2006-04883
Power Supply 120 VAC 60 Hz
Temp/Humi 22 'C 52 %.R.H.
Test Condition Cradle Charging Mode

Memo

LIMIT : FCC Part15 Subpart.B Class B (3m) - GHz(Peak)
FCC Part15 Subpart.B Class B (3m) - GHz(Average)



RADIATED EMISSION

Date 2020-06-22

Order No.	DTNC2004-03684,DTNC2006-04883
Power Supply	120 VAC 60 Hz
Temp/Humi	22°C 52 %R.H.
Test Condition	Cradle Charging Mode

Memo

LIMIT : FCC Part15 Subpart.B Class B (3m) - GHz(Peak)
FCC Part15 Subpart.B Class B (3m) - GHz(Average)

No.	FREQ [MHz]	READING CAV [dBuV]	ANT FACTOR [dB]	LOSS [dB]	GAIN [dB]	RESULT [dBuV/m]	LIMIT [dBuV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Horizontal -----										
1	1826.969	35.30	30.63	7.02	34.58	38.37	54.00	15.63	101	0
2	1862.458	35.10	31.10	6.94	34.53	38.61	54.00	15.39	211	158
3	2441.823	34.20	32.20	7.13	34.60	38.93	54.00	15.07	204	191
----- Vertical -----										
4	1826.995	35.60	30.63	7.02	34.58	38.67	54.00	15.33	112	147
5	2139.325	35.10	31.72	6.82	34.42	39.22	54.00	14.78	101	341
6	2441.836	34.30	32.20	7.13	34.60	39.03	54.00	14.97	107	0
7	2475.515	34.10	32.20	7.19	34.62	38.87	54.00	15.13	105	352

Radiated disturbance at (6 ~ 18) GHz _ Peak Measurement data			
Test configuration mode	5	EUT Operation mode	5
Test voltage (V)	120	Test Frequency (Hz)	60

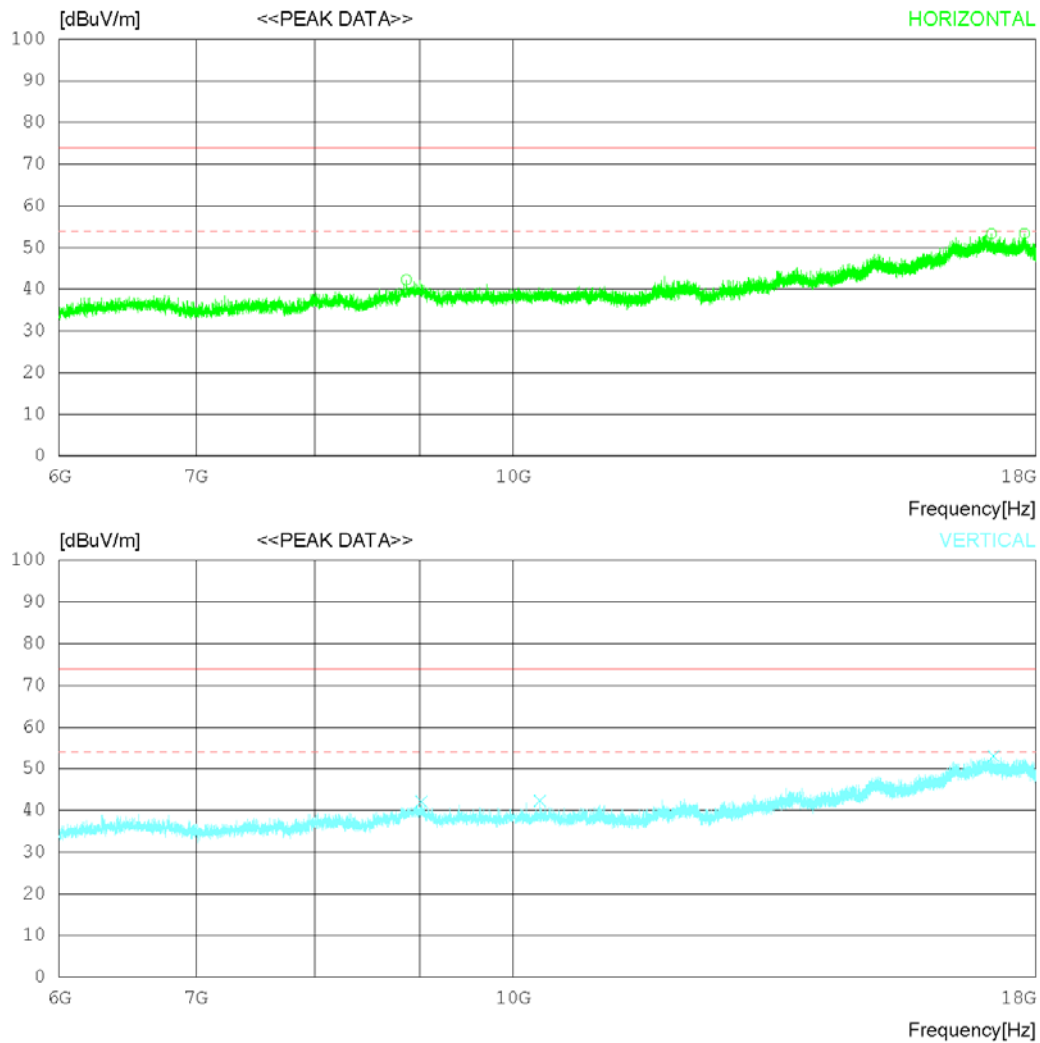
RADIATED EMISSION

Date 2020-06-22

Order No. DTNC2004-03684, DTNC2006-04883
Power Supply 120 VAC 60 Hz
Temp/Humi 22 'C 52 % R.H.
Test Condition Cradle Charging Mode

Memo

LIMIT : FCC Part15 Subpart.B Class B (3m) - GHz(Peak)
FCC Part15 Subpart.B Class B (3m) - GHz(Average)



RADIATED EMISSION

Date 2020-06-22

Order No.	DTNC2004-03684, DTNC2006-04883
Power Supply	120 VAC 60 Hz
Temp/Humi	22 °C 52 % R.H.
Test Condition	Cradle Charging Mode

Memo

LIMIT : FCC Part15 Subpart B Class B (3m) - GHz(Peak)
FCC Part15 Subpart B Class B (3m) - GHz(Average)

No.	FREQ [MHz]	READING PEAK [dBuV]	ANT FACTOR [dB]	LOSS [dB]	GAIN [dB]	RESULT [dBuV/m]	LIMIT [dBuV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Horizontal -----										
1	8868.000	32.60	31.99	15.06	37.42	42.23	74.0	31.77	103	148
2	17124.750	29.40	37.65	22.82	36.55	53.32	74.0	20.68	101	1
3	17771.250	29.90	38.14	22.77	37.43	53.38	74.0	20.62	206	102
----- Vertical -----										
4	9018.750	32.20	32.11	15.32	37.52	42.11	74.0	31.89	104	136
5	10305.000	32.90	32.51	14.72	37.87	42.26	74.0	31.74	101	358
6	17163.000	29.40	37.68	22.51	36.60	52.99	74.0	21.01	103	318

Radiated disturbance at (6 ~ 18) GHz _ Average Measurement data			
Test configuration mode	5	EUT Operation mode	5
Test voltage (V)	120	Test Frequency (Hz)	60

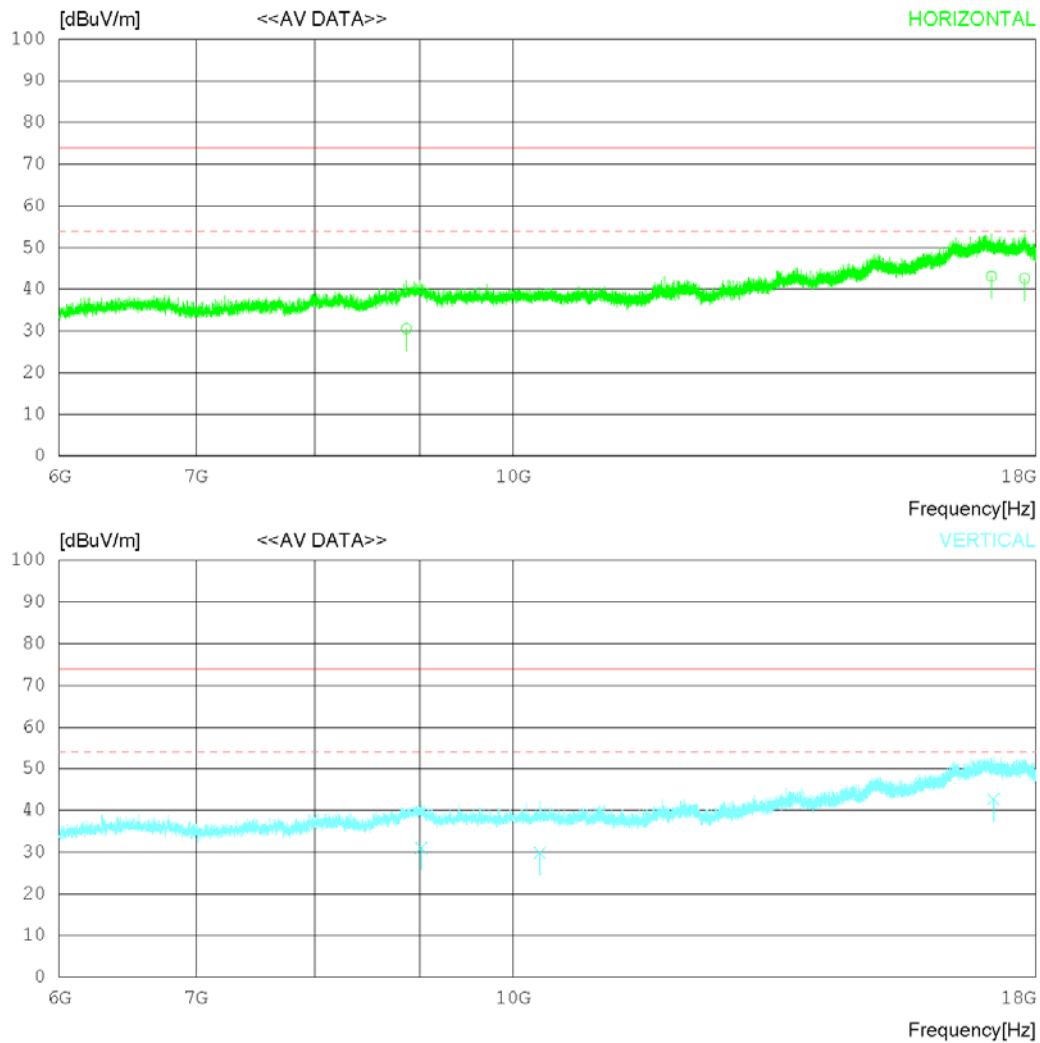
RADIATED EMISSION

Date 2020-06-22

Order No. DTNC2004-03684, DTNC2006-04883
Power Supply 120 VAC 60 Hz
Temp/Humi 22 'C 52 % R.H.
Test Condition Cradle Charging Mode

Memo

LIMIT : FCC Part15 Subpart.B Class B (3m) - GHz(Peak)
FCC Part15 Subpart.B Class B (3m) - GHz(Average)



RADIATED EMISSION

Date 2020-06-22

Order No.	DTNC2004-03684, DTNC2006-04883
Power Supply	120 VAC 60 Hz
Temp/Humi	22 °C 52 % R.H.
Test Condition	Cradle Charging Mode

Memo

LIMIT : FCC Part15 Subpart B Class B (3m) - GHz(Peak)
FCC Part15 Subpart B Class B (3m) - GHz(Average)

No.	FREQ [MHz]	READING CAV [dBuV]	ANT FACTOR [dB]	LOSS [dB]	GAIN [dB]	RESULT [dBuV/m]	LIMIT [dBuV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Horizontal -----										
1	8868.520	20.90	31.99	15.06	37.42	30.53	54.00	23.47	102	156
2	17124.690	19.20	37.65	22.82	36.55	43.12	54.00	10.88	101	0
3	17771.130	19.10	38.14	22.76	37.43	42.57	54.00	11.43	205	105
----- Vertical -----										
4	9019.420	21.10	32.11	15.30	37.52	30.99	54.00	23.01	103	144
5	10304.920	20.40	32.51	14.72	37.87	29.76	54.00	24.24	101	354
6	17163.860	19.10	37.68	22.51	36.60	42.69	54.00	11.31	102	321

Radiated disturbance at (18 ~ 40) GHz _ Peak Measurement data			
Test configuration mode	5	EUT Operation mode	5
Test voltage (V)	120	Test Frequency (Hz)	60

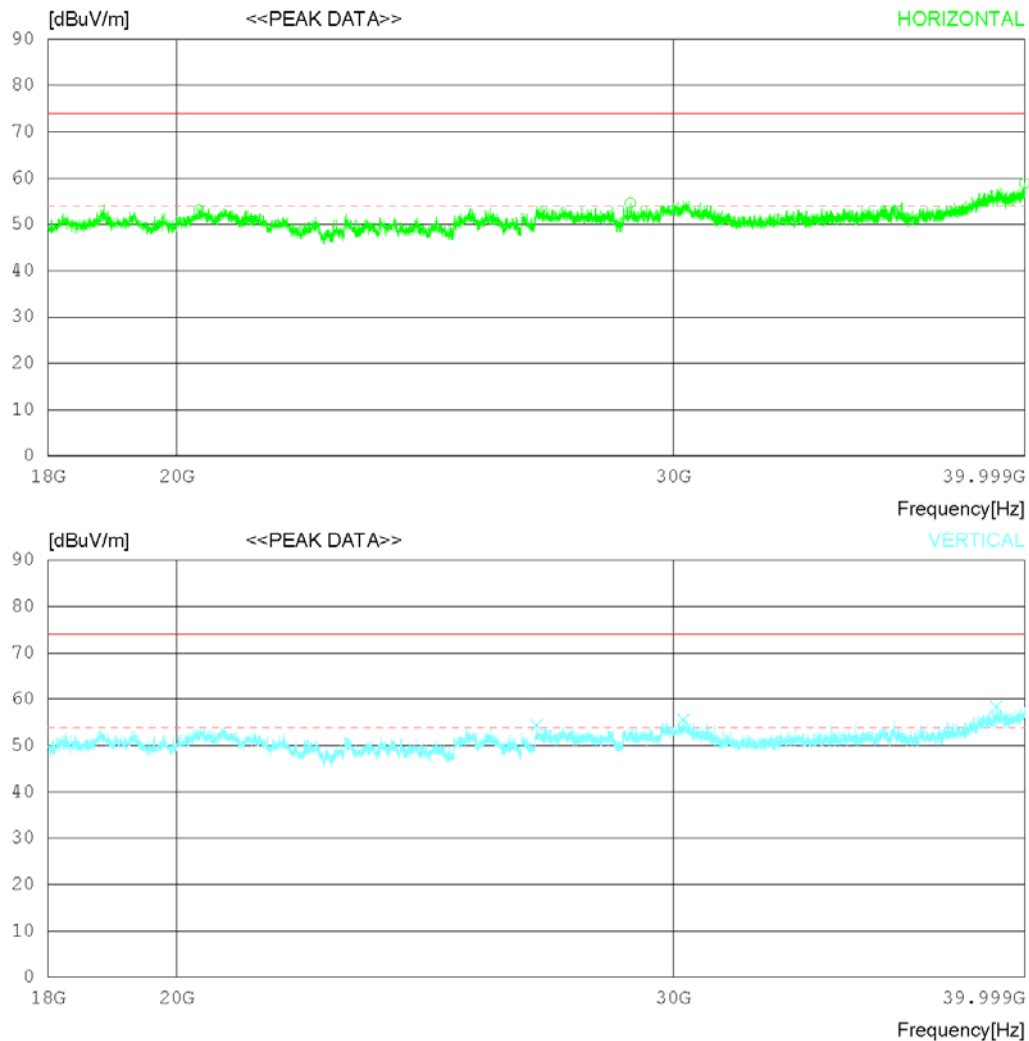
RADIATED EMISSION

Date 2020-06-23

Order No. DTNC2004-03684, DTNC2006-04883
Power Supply 120 VAC 60 Hz
Temp/Humi 22 'C 46 % R.H.
Test Condition Cradle Charging Mode

Memo

LIMIT : FCC Part15 Subpart.B Class B (3m) - GHz(Peak)
FCC Part15 Subpart.B Class B (3m) - GHz(Average)



RADIATED EMISSION

Date 2020-06-23

Order No.	DTNC2004-03684, DTNC2006-04883
Power Supply	120 VAC 60 Hz
Temp/Humi	22 °C 46 % R.H.
Test Condition	Cradle Charging Mode

Memo

LIMIT : FCC Part15 Subpart.B Class B (3m) - GHz(Peak)
FCC Part15 Subpart.B Class B (3m) - GHz(Average)

No.	FREQ [MHz]	READING PEAK [dBuV]	ANT FACTOR [dB]	LOSS [dB]	GAIN [dB]	RESULT [dBuV/m]	LIMIT [dBuV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Horizontal -----										
1	20362.250	41.70	45.36	19.28	53.16	53.18	74.0	20.82	212	345
2	28969.750	38.50	46.80	21.83	52.53	54.60	74.0	19.4	109	49
3	39989.000	37.50	49.28	24.33	52.20	58.91	74.0	15.09	208	345
----- Vertical -----										
4	26830.250	40.60	45.90	21.12	53.23	54.39	74.0	19.61	108	358
5	30259.500	38.20	47.50	22.03	52.21	55.52	74.0	18.48	102	175
6	39073.250	37.30	47.67	25.67	52.25	58.39	74.0	15.61	106	134

Radiated disturbance at (18 ~ 40) GHz _ Average Measurement data			
Test configuration mode	5	EUT Operation mode	5
Test voltage (V)	120	Test Frequency (Hz)	60

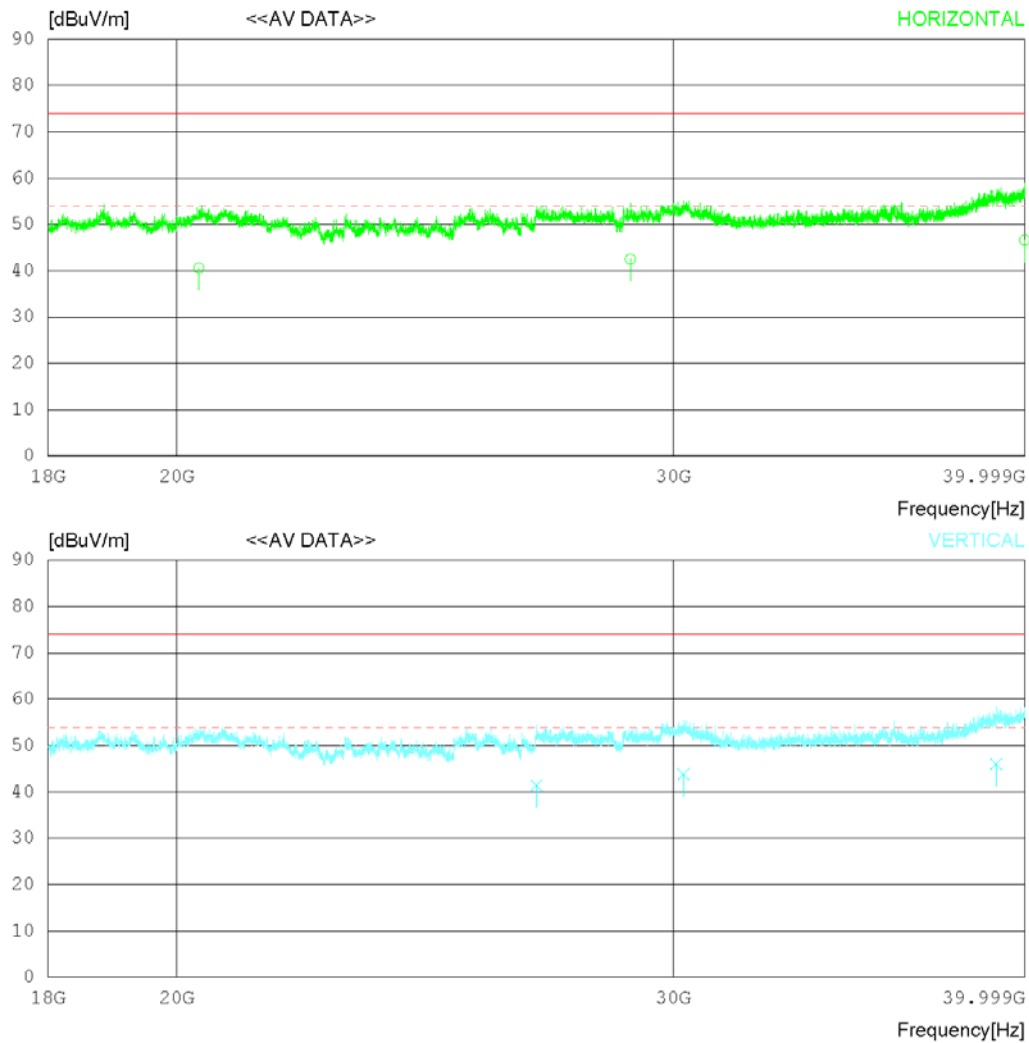
RADIATED EMISSION

Date 2020-06-23

Order No. DTNC2004-03684, DTNC2006-04883
Power Supply 120 VAC 60 Hz
Temp/Humi 22 'C 46 % R.H.
Test Condition Cradle Charging Mode

Memo

LIMIT : FCC Part15 Subpart.B Class B (3m) - GHz(Peak)
FCC Part15 Subpart.B Class B (3m) - GHz(Average)



RADIATED EMISSION

Date 2020-06-23

Order No. DTNC2004-03684, DTNC2006-04883
Power Supply 120 VAC 60 Hz
Temp/Humi 22 °C 46 % R.H.
Test Condition Cradle Charging Mode

Memo

LIMIT : FCC Part15 Subpart.B Class B (3m) - GHz(Peak)
FCC Part15 Subpart.B Class B (3m) - GHz(Average)

No.	FREQ [MHz]	READING CAV [dBuV]	ANT FACTOR [dB]	LOSS [dB]	GAIN [dB]	RESULT [dBuV/m]	LIMIT [dBuV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Horizontal -----										
1	20362.270	29.10	45.36	19.28	53.16	40.58	54.00	13.42	211	348
2	28969.630	26.40	46.80	21.83	52.53	42.50	54.00	11.50	108	59
3	39989.200	25.20	49.28	24.33	52.20	46.61	54.00	7.39	205	341
----- Vertical -----										
4	26830.140	27.60	45.90	21.12	53.23	41.39	54.00	12.61	107	351
5	30259.440	26.50	47.50	22.03	52.21	43.82	54.00	10.18	101	188
6	39073.190	24.90	47.67	25.67	52.25	45.99	54.00	8.01	105	146

Radiated disturbance at (30 ~ 1000) MHz _Measurement data			
Test configuration mode	6	EUT Operation mode	6
Test voltage (V)	120	Test Frequency (Hz)	60

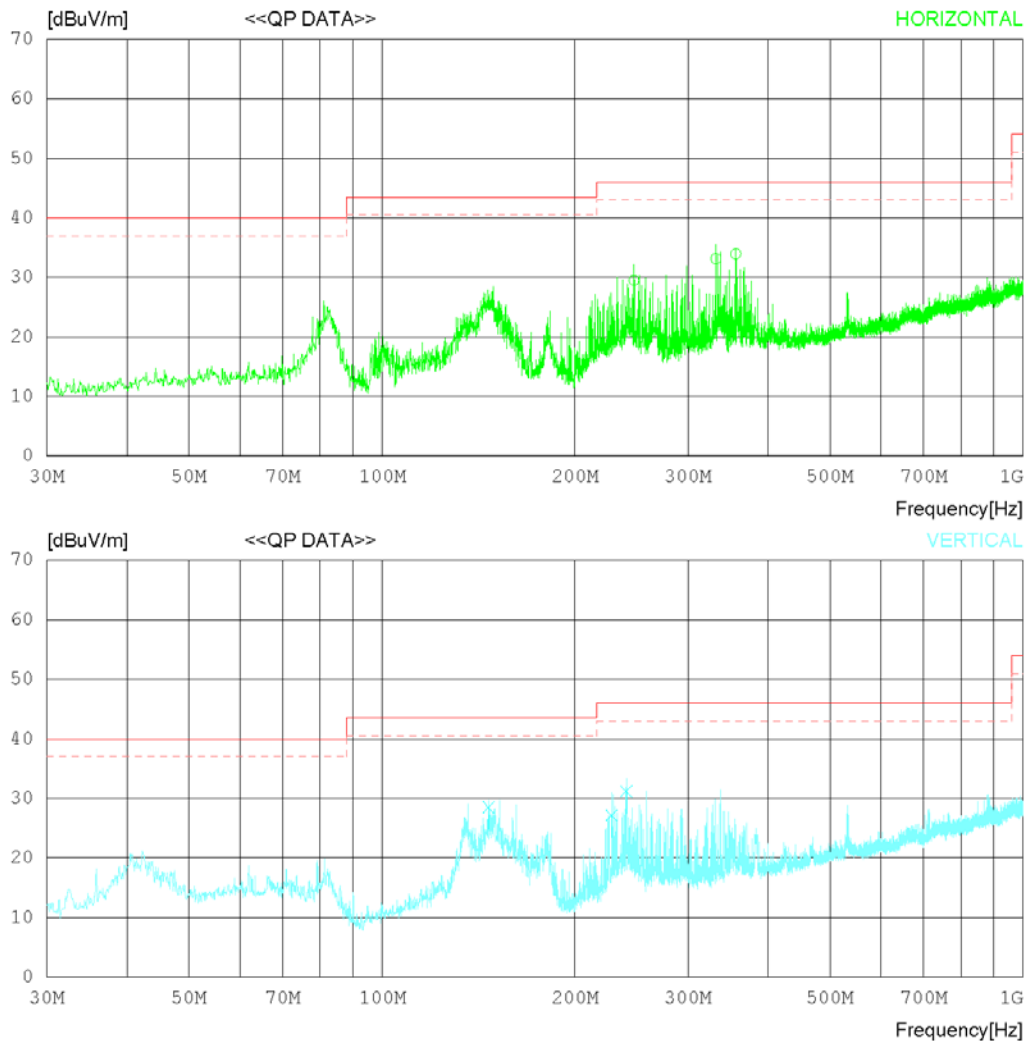
RADIATED EMISSION

Date 2020-06-22

Order No. DTNC2004-03684, DTNC2006-04883
Power Supply 120 VAC 60 Hz
Temp/Humi 22 'C 52 %R.H.
Test Condition PC Link Mode

Memo

LIMIT : FCC Part15 Subpart.B Class B (3m)
MARGIN: 3 dB



RADIATED EMISSION

Date 2020-06-22

Order No. DTNC2004-03684, DTNC2006-04883
Power Supply 120 VAC 60 Hz
Temp/Humi 22 °C 52 %R.H.
Test Condition PC Link Mode

Memo

LIMIT : FCC Part15 Subpart.B Class B (3m)
MARGIN: 3 dB

No.	FREQ [MHz]	READING QP [dBuV]	ANT FACTOR [dB]	LOSS [dB]	GAIN [dB]	RESULT [dBuV/m]	LIMIT [dBuV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Horizontal -----										
1	247.153	36.20	18.03	1.83	26.59	29.47	46.00	16.53	100	356
2	331.783	37.60	19.84	2.22	26.52	33.14	46.00	12.86	105	10
3	356.396	38.10	20.23	2.09	26.48	33.94	46.00	12.06	102	0
----- Vertical -----										
4	146.761	35.20	18.84	1.22	26.77	28.49	43.50	15.01	101	0
5	227.996	34.80	17.30	1.67	26.61	27.16	46.00	18.84	305	0
6	240.485	37.90	18.10	1.77	26.60	31.17	46.00	14.83	204	183

Radiated disturbance at (1 ~ 6) GHz _ Peak Measurement data			
Test configuration mode	6	EUT Operation mode	6
Test voltage (V)	120	Test Frequency (Hz)	60

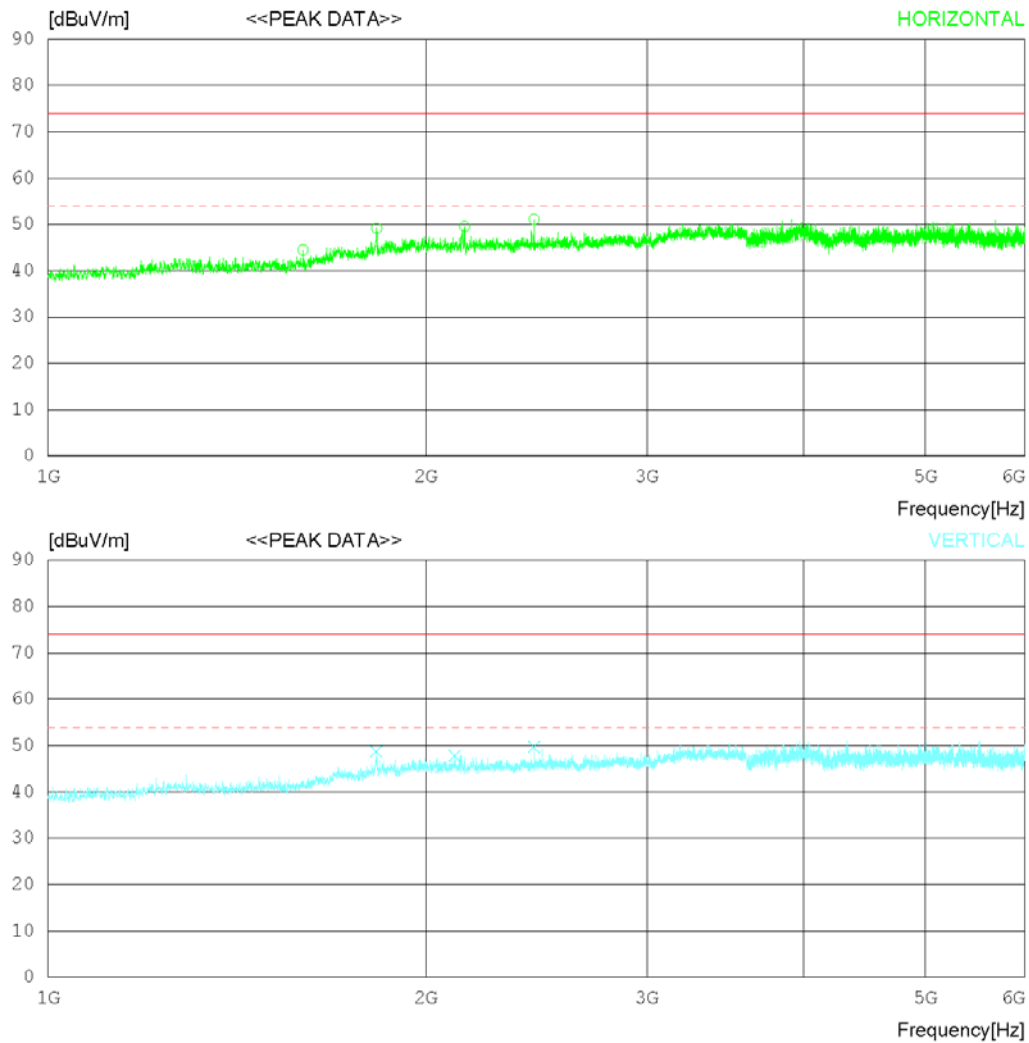
RADIATED EMISSION

Date 2020-06-22

Order No. DTNC2004-03684,DTNC2006-04883
Power Supply 120 VAC 60 Hz
Temp/Humi 22 'C 52 %.R.H.
Test Condition PC Link Mode

Memo

LIMIT : FCC Part15 Subpart.B Class B (3m) - GHz(Peak)
FCC Part15 Subpart.B Class B (3m) - GHz(Average)



RADIATED EMISSION

Date 2020-06-22

Order No.	DTNC2004-03684,DTNC2006-04883
Power Supply	120 VAC 60 Hz
Temp/Humi	22°C 52 %R.H.
Test Condition	PC Link Mode

Memo

LIMIT : FCC Part15 Subpart B Class B (3m) - GHz(Peak)
FCC Part15 Subpart B Class B (3m) - GHz(Average)

No.	FREQ [MHz]	READING PEAK [dBuV]	ANT FACTOR [dB]	LOSS [dB]	GAIN [dB]	RESULT [dBuV/m]	LIMIT [dBuV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Horizontal -----										
1	1596.250	44.70	27.69	7.02	34.91	44.50	74.0	29.5	198	1
2	1826.875	46.10	30.63	7.02	34.58	49.17	74.0	24.83	208	1
3	2146.875	45.50	31.71	6.82	34.43	49.60	74.0	24.4	206	47
4	2438.750	46.40	32.20	7.12	34.60	51.12	74.0	22.88	202	1
----- Vertical -----										
5	1826.250	45.60	30.62	7.02	34.58	48.66	74.0	25.34	106	111
6	2108.125	43.60	31.78	6.78	34.40	47.76	74.0	26.24	104	185
7	2438.750	45.00	32.20	7.12	34.60	49.72	74.0	24.28	102	358

Radiated disturbance at (1 ~ 6) GHz _ Average Measurement data			
Test configuration mode	6	EUT Operation mode	6
Test voltage (V)	120	Test Frequency (Hz)	60

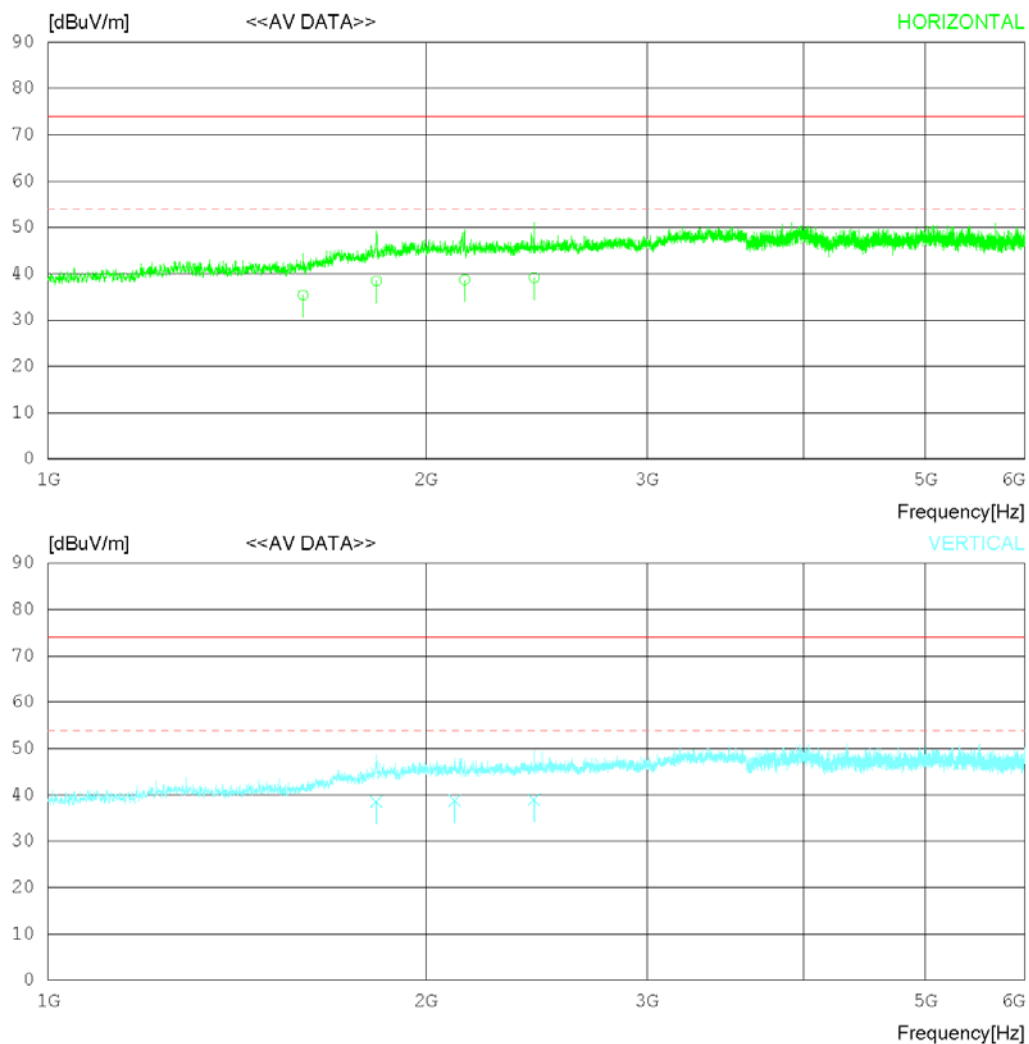
RADIATED EMISSION

Date 2020-06-22

Order No. DTNC2004-03684,DTNC2006-04883
Power Supply 120 VAC 60 Hz
Temp/Humi 22 'C 52 %.R.H.
Test Condition PC Link Mode

Memo

LIMIT : FCC Part15 Subpart.B Class B (3m) - GHz(Peak)
FCC Part15 Subpart.B Class B (3m) - GHz(Average)



RADIATED EMISSION

Date 2020-06-22

Order No.	DTNC2004-03684,DTNC2006-04883
Power Supply	120 VAC 60 Hz
Temp/Humi	22°C 52 %R.H.
Test Condition	PC Link Mode

Memo

LIMIT : FCC Part15 Subpart.B Class B (3m) - GHz(Peak)
FCC Part15 Subpart.B Class B (3m) - GHz(Average)

No.	FREQ [MHz]	READING CAV [dBuV]	ANT FACTOR [dB]	LOSS [dB]	GAIN [dB]	RESULT [dBuV/m]	LIMIT [dBuV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Horizontal -----										
1	1596.150	35.60	27.69	7.02	34.91	35.40	54.00	18.60	197	0
2	1826.765	35.40	30.63	7.02	34.58	38.47	54.00	15.53	206	0
3	2146.837	34.60	31.71	6.82	34.43	38.70	54.00	15.30	204	57
4	2438.567	34.43	32.20	7.12	34.60	39.15	54.00	14.85	201	0
----- Vertical -----										
5	1826.210	35.50	30.62	7.02	34.59	38.55	54.00	15.45	100	105
6	2108.275	34.60	31.78	6.78	34.40	38.76	54.00	15.24	105	196
7	2438.690	34.20	32.20	7.12	34.60	38.92	54.00	15.08	101	351

Radiated disturbance at (6 ~ 18) GHz _ Peak Measurement data			
Test configuration mode	6	EUT Operation mode	6
Test voltage (V)	120	Test Frequency (Hz)	60

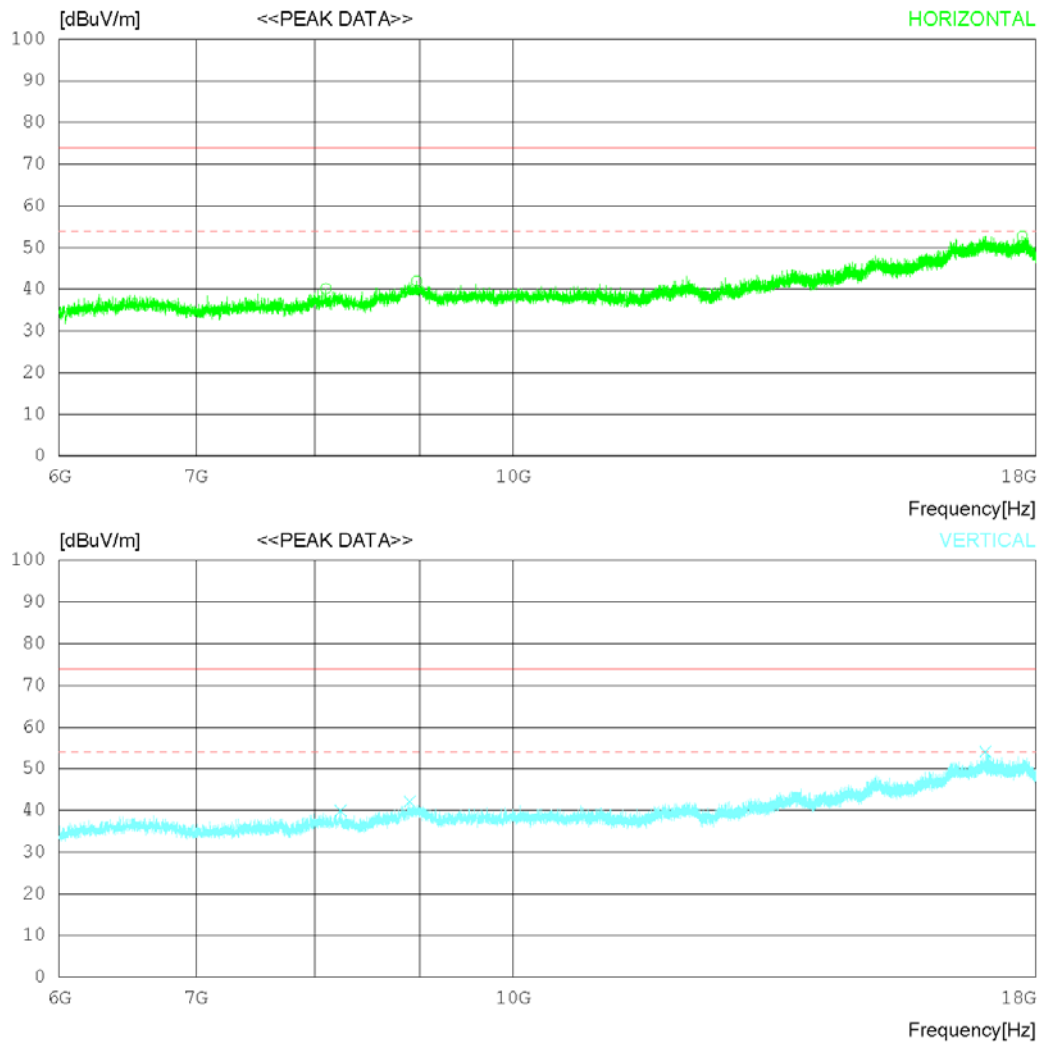
RADIATED EMISSION

Date 2020-06-22

Order No. DTNC2004-03684, DTNC2006-04883
Power Supply 120 VAC 60 Hz
Temp/Humi 22 'C 52 % R.H.
Test Condition PC Link Mode

Memo

LIMIT : FCC Part15 Subpart.B Class B (3m) - GHz(Peak)
FCC Part15 Subpart.B Class B (3m) - GHz(Average)



RADIATED EMISSION

Date 2020-06-22

Order No.	DTNC2004-03684, DTNC2006-04883
Power Supply	120 VAC 60 Hz
Temp/Humi	22°C 52% R.H.
Test Condition	PC Link Mode

Memo

LIMIT : FCC Part15 Subpart B Class B (3m) - GHz(Peak)
FCC Part15 Subpart B Class B (3m) - GHz(Average)

No.	FREQ [MHz]	READING PEAK [dBuV]	ANT FACTOR [dB]	LOSS [dB]	GAIN [dB]	RESULT [dBuV/m]	LIMIT [dBuV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Horizontal -----										
1	8100.000	33.00	31.38	13.19	37.44	40.13	74.0	33.87	108	358
2	8971.500	31.90	32.08	15.44	37.48	41.94	74.0	32.06	104	28
3	17727.000	29.30	38.11	22.69	37.36	52.74	74.0	21.26	206	249
----- Vertical -----										
4	8235.000	32.50	31.49	13.34	37.36	39.97	74.0	34.03	105	358
5	8901.750	32.40	32.02	15.19	37.44	42.17	74.0	31.83	100	79
6	17007.000	29.20	37.56	23.75	36.41	54.10	74.0	19.9	106	1

Radiated disturbance at (6 ~ 18) GHz _ Average Measurement data			
Test configuration mode	6	EUT Operation mode	6
Test voltage (V)	120	Test Frequency (Hz)	60

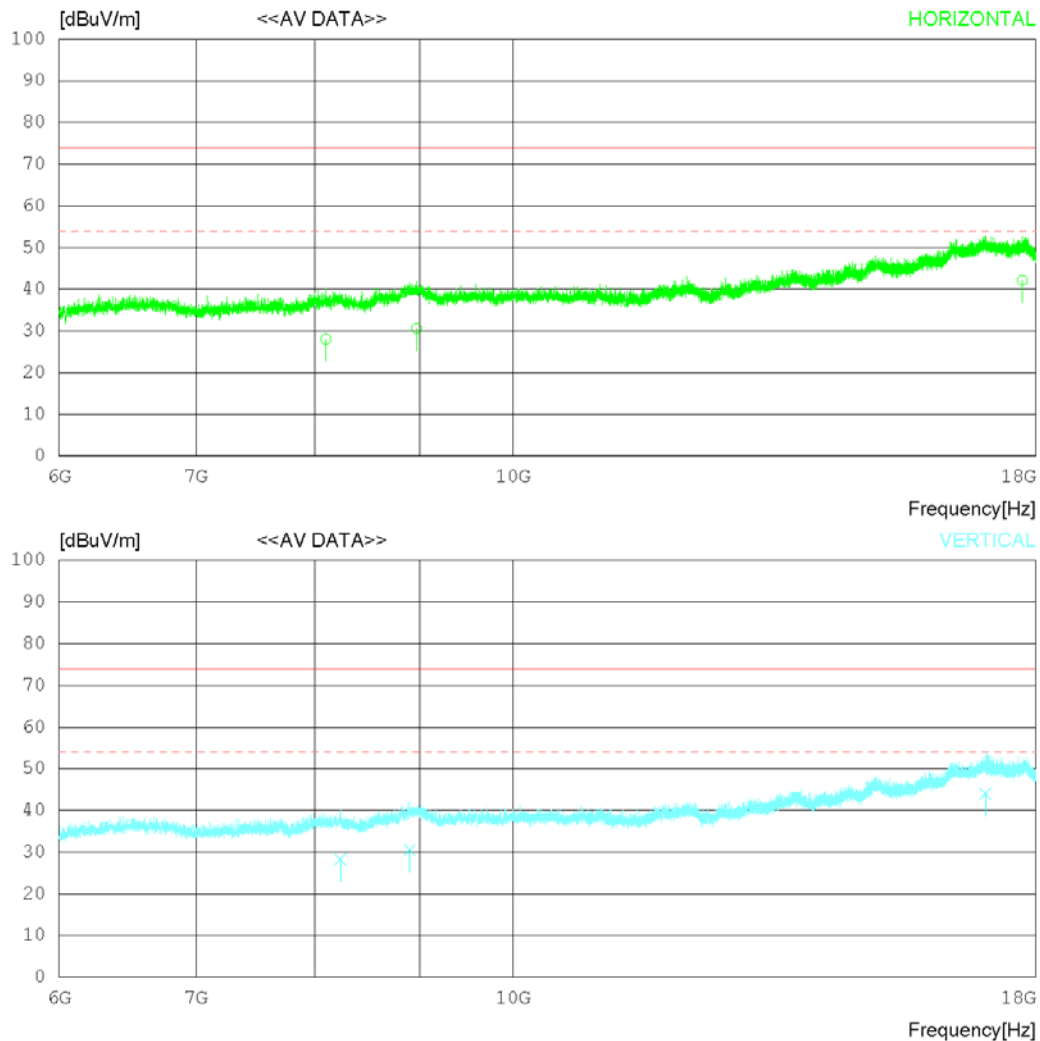
RADIATED EMISSION

Date 2020-06-22

Order No. DTNC2004-03684, DTNC2006-04883
Power Supply 120 VAC 60 Hz
Temp/Humi 22 'C 52 % R.H.
Test Condition PC Link Mode

Memo

LIMIT : FCC Part15 Subpart.B Class B (3m) - GHz(Peak)
FCC Part15 Subpart.B Class B (3m) - GHz(Average)



RADIATED EMISSION

Date 2020-06-22

Order No.	DTNC2004-03684, DTNC2006-04883
Power Supply	120 VAC 60 Hz
Temp/Humi	22 °C 52 % R.H.
Test Condition	PC Link Mode

Memo

LIMIT : FCC Part15 Subpart B Class B (3m) - GHz(Peak)
FCC Part15 Subpart B Class B (3m) - GHz(Average)

No.	FREQ [MHz]	READING CAV [dBuV]	ANT FACTOR [dB]	LOSS [dB]	GAIN [dB]	RESULT [dBuV/m]	LIMIT [dBuV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Horizontal -----										
1	8100.170	20.90	31.38	13.19	37.44	28.03	54.00	25.97	107	351
2	8971.362	20.50	32.08	15.44	37.48	30.54	54.00	23.46	103	33
3	17727.270	18.70	38.11	22.69	37.36	42.14	54.00	11.86	205	252
----- Vertical -----										
4	8235.170	20.80	31.49	13.34	37.36	28.27	54.00	25.73	102	351
5	8901.623	20.70	32.02	15.19	37.44	30.47	54.00	23.53	101	88
6	17007.270	19.10	37.56	23.75	36.41	44.00	54.00	10.00	105	0

Radiated disturbance at (18 ~ 40) GHz _ Peak Measurement data			
Test configuration mode	6	EUT Operation mode	6
Test voltage (V)	120	Test Frequency (Hz)	60

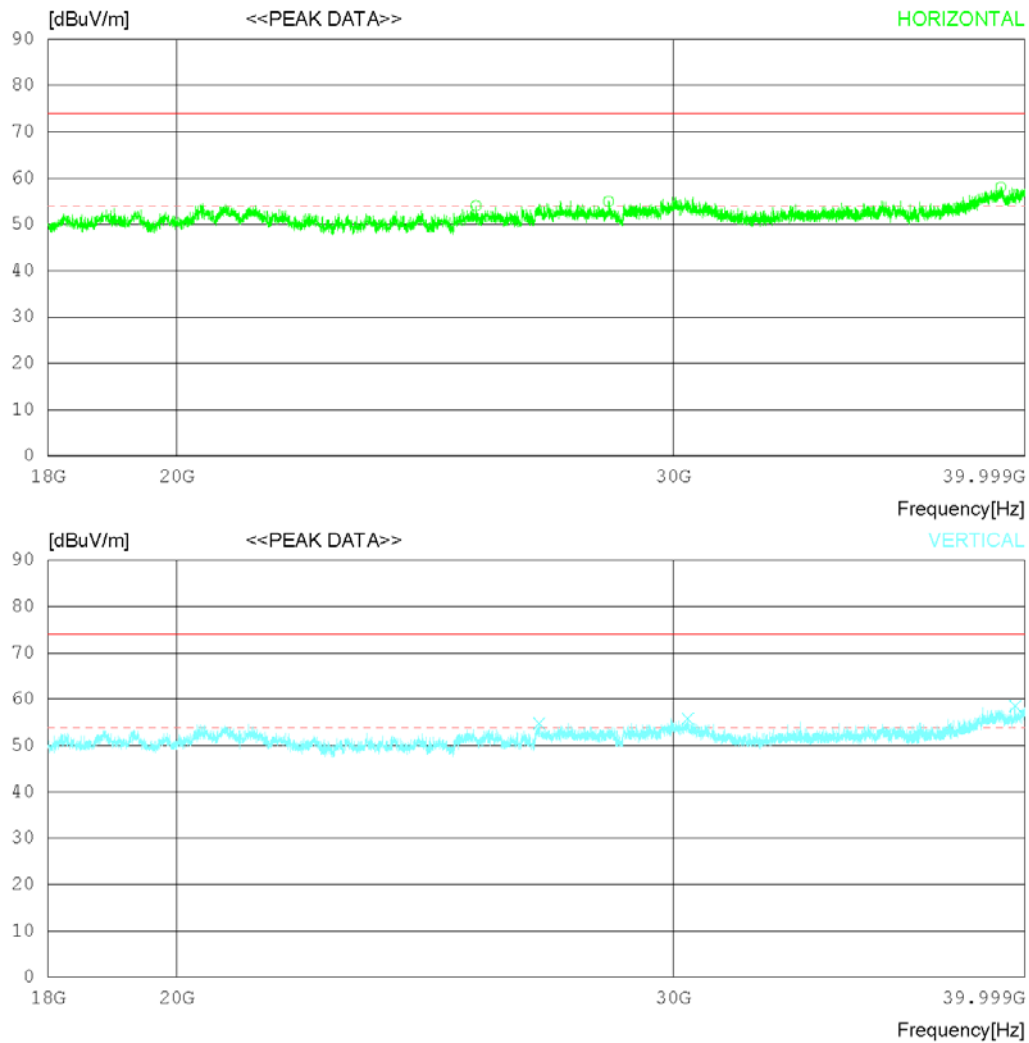
RADIATED EMISSION

Date 2020-06-23

Order No. DTNC2004-03684, DTNC2006-04883
Power Supply 120 VAC 60 Hz
Temp/Humi 22 'C 46 % R.H.
Test Condition PC Link Mode

Memo

LIMIT : FCC Part15 Subpart.B Class B (3m) - GHz(Peak)
FCC Part15 Subpart.B Class B (3m) - GHz(Average)



RADIATED EMISSION

Date 2020-06-23

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Memo

LIMIT : FCC Part15 Subpart.B Class B (3m) - GHz(Peak)
FCC Part15 Subpart.B Class B (3m) - GHz(Average)

No.	FREQ [MHz]	READING PEAK [dBuV]	ANT FACTOR [dB]	LOSS [dB]	GAIN [dB]	RESULT [dBuV/m]	LIMIT [dBuV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Horizontal -----										
1	25537.750	40.90	45.80	20.96	53.64	54.02	74.0	19.98	103	1
2	28463.750	39.70	46.50	21.53	52.70	55.03	74.0	18.97	206	1
3	39219.000	36.90	47.92	25.46	52.24	58.04	74.0	15.96	215	1
----- Vertical -----										
4	26893.500	41.00	45.90	21.12	53.21	54.81	74.0	19.19	105	358
5	30372.250	38.40	47.50	22.10	52.22	55.78	74.0	18.22	105	358
6	39689.250	37.30	48.68	24.77	52.22	58.53	74.0	15.47	109	358

Radiated disturbance at (18 ~ 40) GHz _ Average Measurement data			
Test configuration mode	6	EUT Operation mode	6
Test voltage (V)	120	Test Frequency (Hz)	60

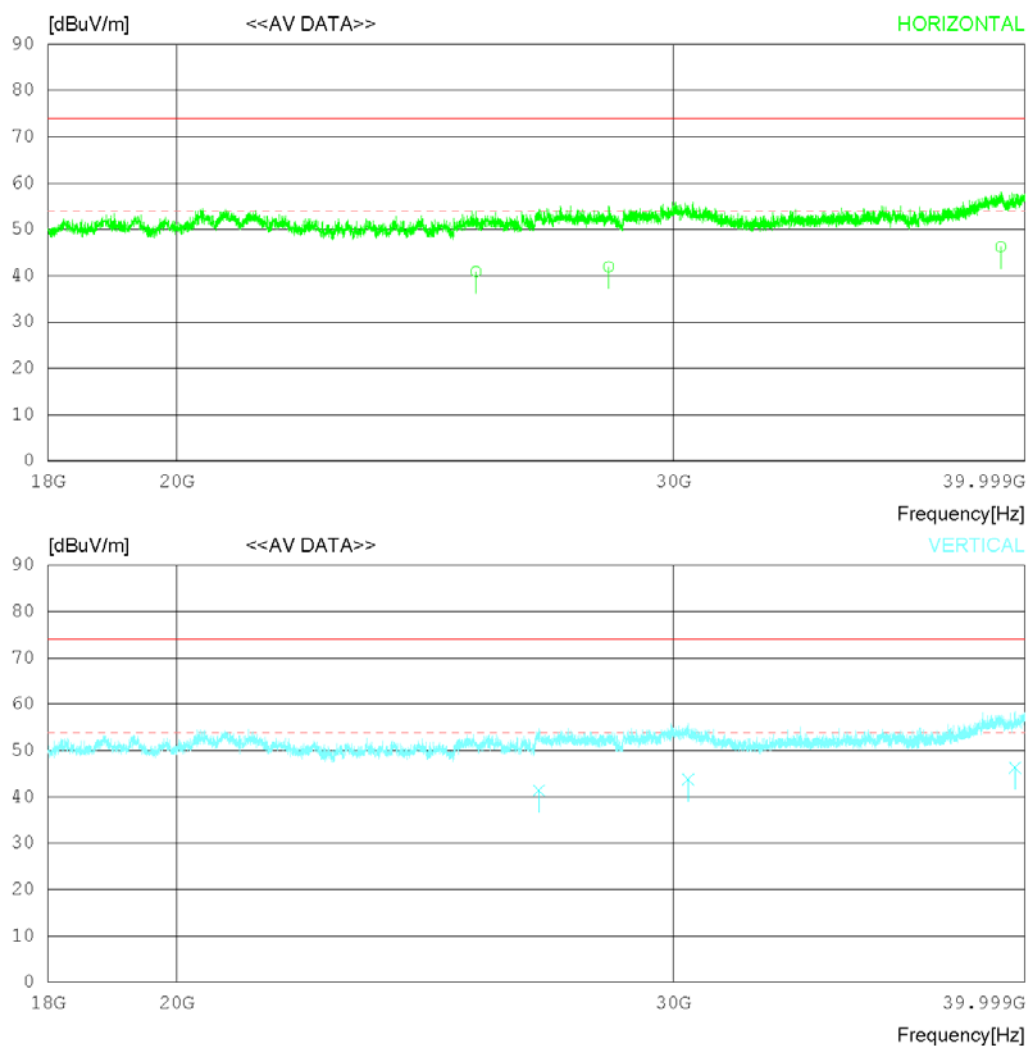
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Memo

LIMIT : FCC Part15 Subpart.B Class B (3m) - GHz(Peak)
FCC Part15 Subpart.B Class B (3m) - GHz(Average)

No.	FREQ [MHz]	READING CAV [dBuV]	ANT FACTOR [dB]	LOSS [dB]	GAIN [dB]	RESULT [dBuV/m]	LIMIT [dBuV/m]	MARGIN [dB]	ANTENNA [cm]	TABLE [DEG]
----- Horizontal -----										
1	25537.720	27.80	45.80	20.96	53.64	40.92	54.00	13.08	102	0
2	28463.630	26.60	46.50	21.53	52.70	41.93	54.00	12.07	205	0
3	39219.190	25.10	47.92	25.46	52.24	46.24	54.00	7.76	211	0
----- Vertical -----										
4	26893.150	27.60	45.90	21.12	53.21	41.41	54.00	12.59	102	354
5	30372.540	26.40	47.50	22.10	52.22	43.78	54.00	10.22	104	355
6	39689.350	25.10	48.68	24.77	52.22	46.33	54.00	7.67	108	351

Calculation

Result(dBuV/m) : Reading Value(dBuV) + Cable loss(dB) - Pre amplifier gain(dB) + Ant. Factor(dB)
Margin : Limit(dBuV/m) - Result(dBuV/m)

8. Revision History

Date	Description	Revised By	Reviewed By
Jun. 23. 2020	Initial report	ChanGeun Lee	KyoungHwan Bae

-End of test report-