

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

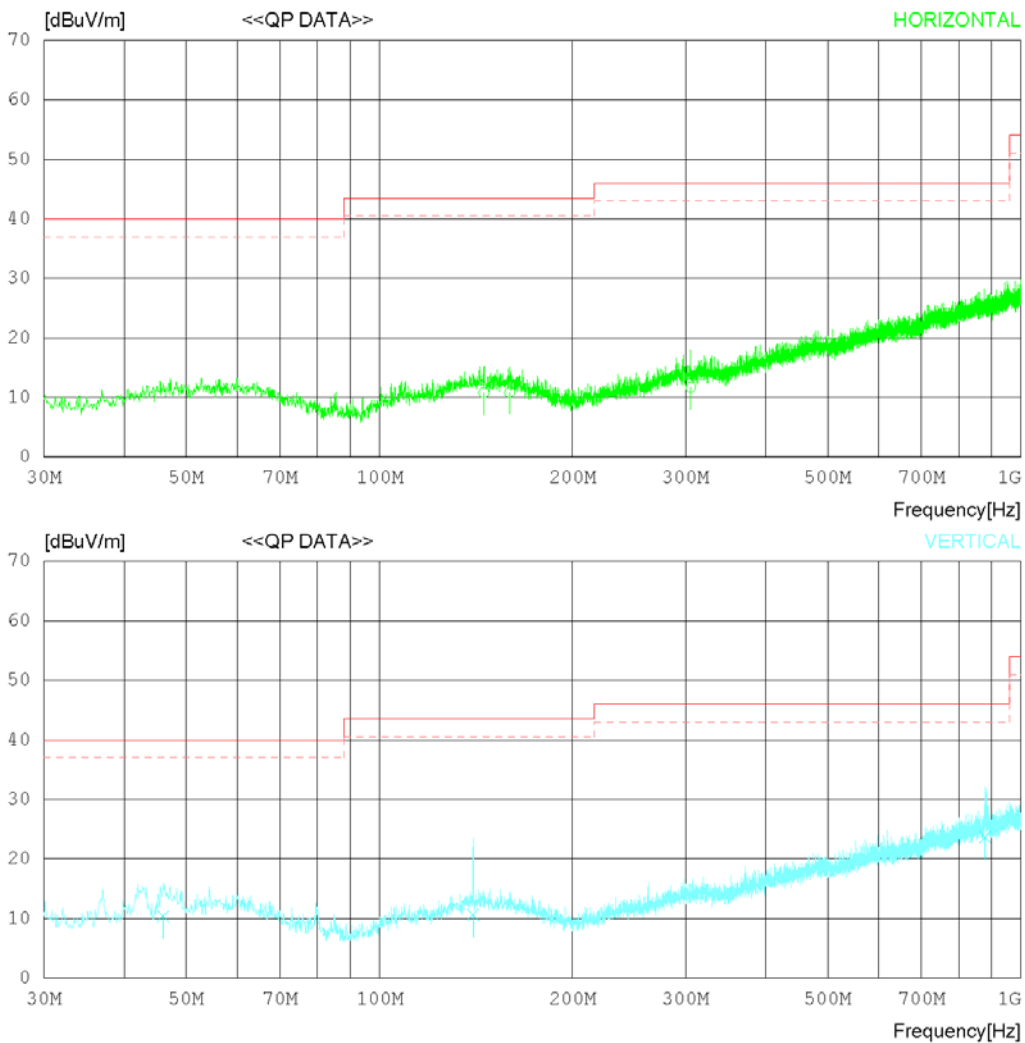
RADIATED EMISSION

Date 2020-10-27

Order No. DTNC2010-08255
 Power Supply Battery
 Temp/Humi 22 'C 43 % R.H.
 Test Condition Rear Camera Mode

Memo

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



RADIATED EMISSION

Date 2020-10-27

Order No. DTNC2010-08255
 Power Supply Battery
 Temp/Humi 22°C 43% R.H.
 Test Condition Rear Camera 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	145.549	17.30	19.05	1.22	26.77	10.80	43.50	32.70	392	0
2	159.492	17.40	18.80	1.41	26.74	10.87	43.50	32.63	400	0
3	305.473	16.30	19.51	2.48	26.55	11.74	46.00	34.26	209	27
----- Vertical -----										
4	46.005	18.90	17.40	0.71	26.60	10.41	40.00	29.59	105	351
5	139.972	17.30	18.90	1.24	26.78	10.66	43.50	32.84	102	352
6	879.545	17.20	29.29	3.61	26.44	23.66	46.00	22.34	101	354

Radiated disturbance at (1 ~ 6) GHz _Peak Measurement data			
Test configuration mode	4	EUT Operation mode	4
Test voltage (V)	Battery	Test Frequency (Hz)	-

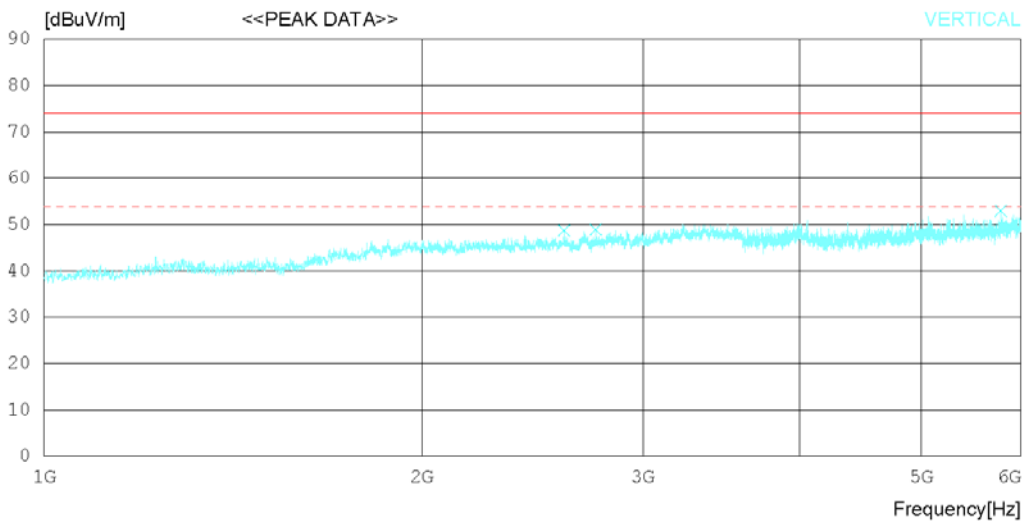
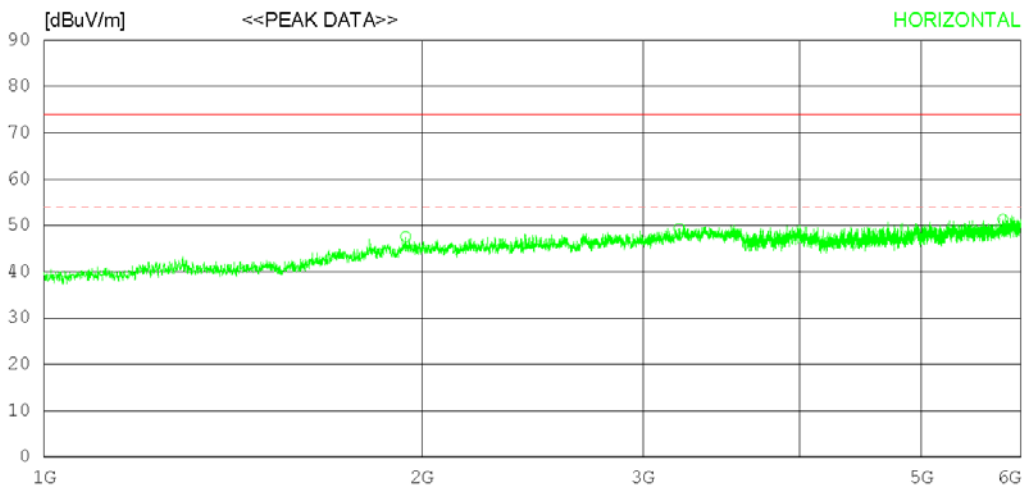
RADIATED EMISSION

Date 2020-10-27

Order No. DTNC2010-08255
Power Supply Battery
Temp/Humi 22 °C 43 % R.H.
Test Condition Rear Camera Mode

Memo

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



RADIATED EMISSION

Date 2020-10-27

Order No. DTNC2010-08255
 Power Supply Battery
 Temp/Humi 22 °C 43 % R.H.
 Test Condition Rear Camera 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	1941.250	44.30	31.65	6.79	35.16	47.58	74.0	26.42	208	145
2	3205.625	42.70	33.20	8.55	35.10	49.35	74.0	24.65	398	140
3	5805.625	40.60	34.80	11.09	35.18	51.31	74.0	22.69	400	358
----- Vertical -----										
4	2596.250	44.30	32.20	7.39	35.16	48.73	74.0	25.27	106	233
5	2750.000	44.20	32.30	7.61	35.18	48.93	74.0	25.07	108	318
6	5785.625	42.30	34.77	11.07	35.18	52.96	74.0	21.04	100	1

Radiated disturbance at (1 ~ 6) GHz _Average Measurement data			
Test configuration mode	4	EUT Operation mode	4
Test voltage (V)	Battery	Test Frequency (Hz)	-

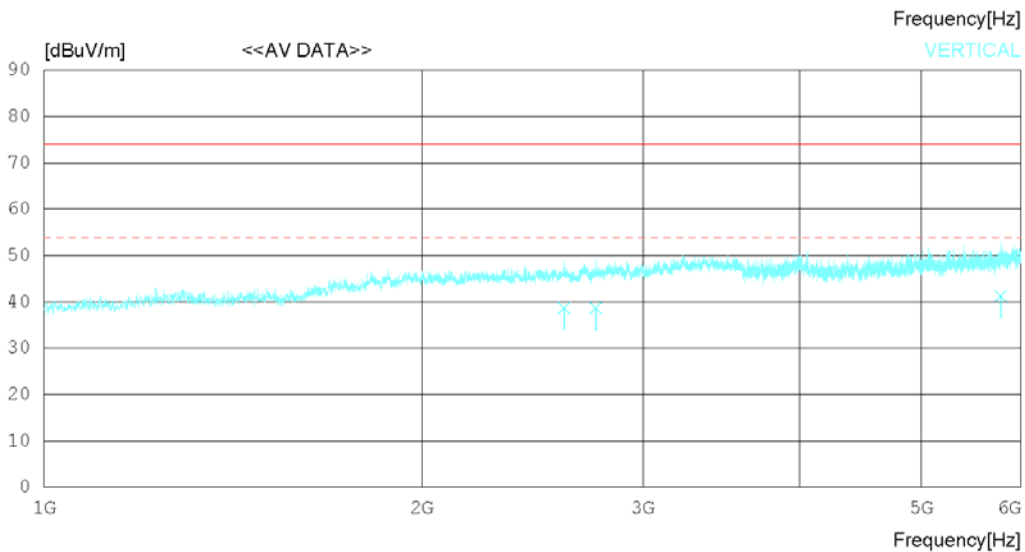
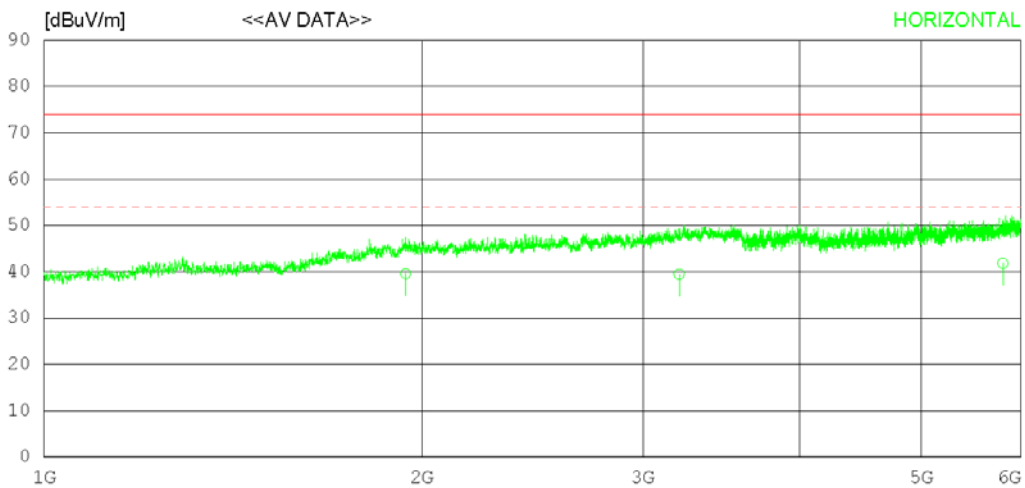
RADIATED EMISSION

Date 2020-10-27

Order No. DTNC2010-08255
 Power Supply Battery
 Temp/Humi 22 'C 43 % R.H.
 Test Condition Rear Camera Mode

Memo

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



RADIATED EMISSION

Date 2020-10-27

Order No. DTNC2010-08255
 Power Supply Battery
 Temp/Humi 22 °C 43 % R.H.
 Test Condition Rear Camera 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	1941.250	36.30	31.65	6.79	35.16	39.58	54.00	14.42	206	156
2	3205.625	32.80	33.20	8.55	35.10	39.45	54.00	14.55	394	144
3	5805.625	31.10	34.80	11.09	35.18	41.81	54.00	12.19	400	351
----- Vertical -----										
4	2596.221	34.30	32.20	7.39	35.16	38.73	54.00	15.27	105	231
5	2750.263	33.90	32.30	7.61	35.18	38.63	54.00	15.37	106	326
6	5785.546	30.60	34.77	11.07	35.18	41.26	54.00	12.74	101	0

Radiated disturbance at (6 ~ 18) GHz _Peak Measurement data			
Test configuration mode	4	EUT Operation mode	4
Test voltage (V)	Battery	Test Frequency (Hz)	-

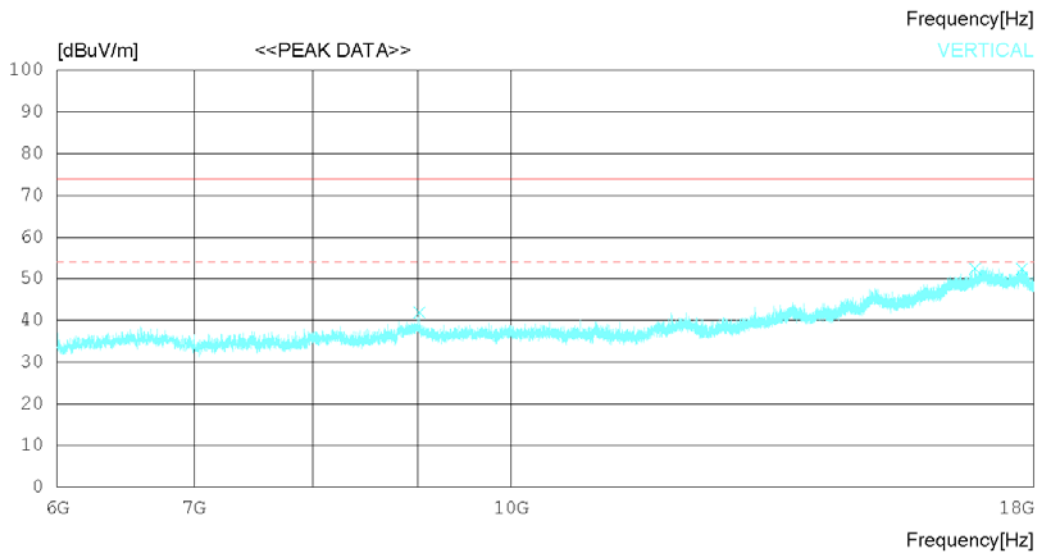
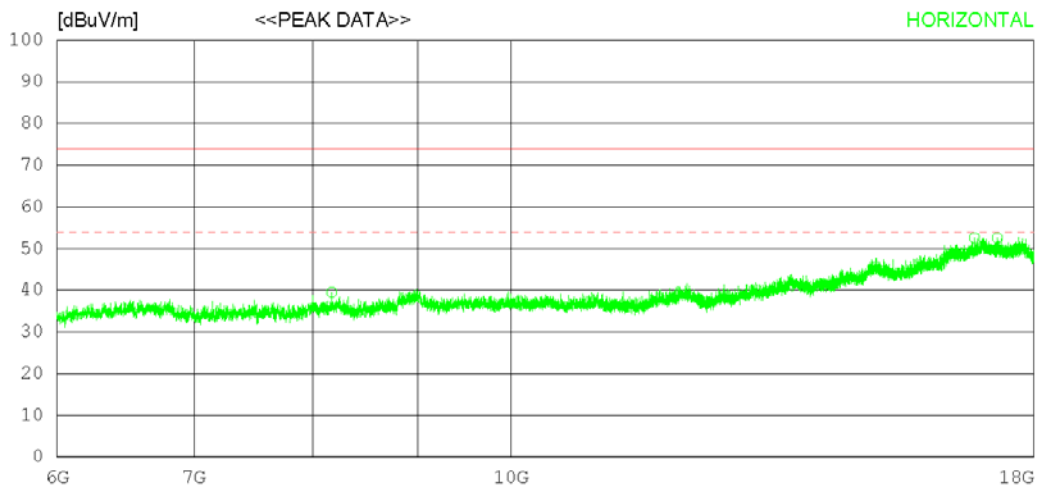
RADIATED EMISSION

Date 2020-10-27

Order No. DTNC2010-08255
 Power Supply Battery
 Temp/Humi 22 °C 43 % R.H.
 Test Condition Rear Camera Mode

Memo

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



RADIATED EMISSION

Date 2020-10-27

Order No. DTNC2010-08255
 Power Supply Battery
 Temp/Humi 22 °C 43 % R.H.
 Test Condition Rear Camera 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	8172.000	32.10	31.44	13.37	37.40	39.51	74.0	34.49	102	191
2	16838.250	29.10	37.37	22.44	36.30	52.61	74.0	21.39	100	358
3	17277.000	29.40	37.76	22.14	36.73	52.57	74.0	21.43	101	343
----- Vertical -----										
4	9020.250	32.00	32.11	15.30	37.52	41.89	74.0	32.11	107	272
5	16847.250	28.80	37.38	22.51	36.31	52.38	74.0	21.62	206	220
6	17760.000	28.90	38.14	22.74	37.42	52.36	74.0	21.64	103	358

Radiated disturbance at (6 ~ 18) GHz _Average Measurement data			
Test configuration mode	4	EUT Operation mode	4
Test voltage (V)	Battery	Test Frequency (Hz)	-

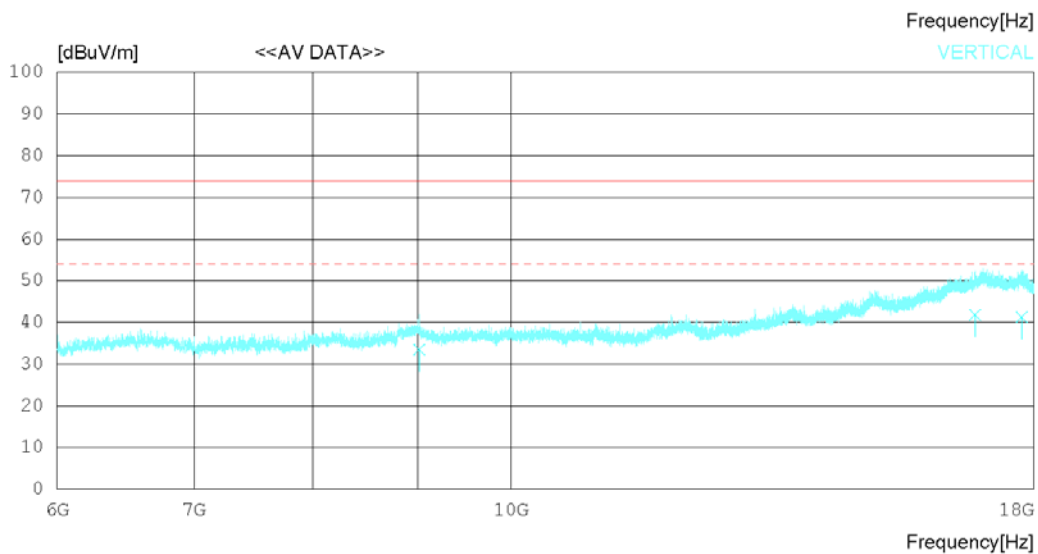
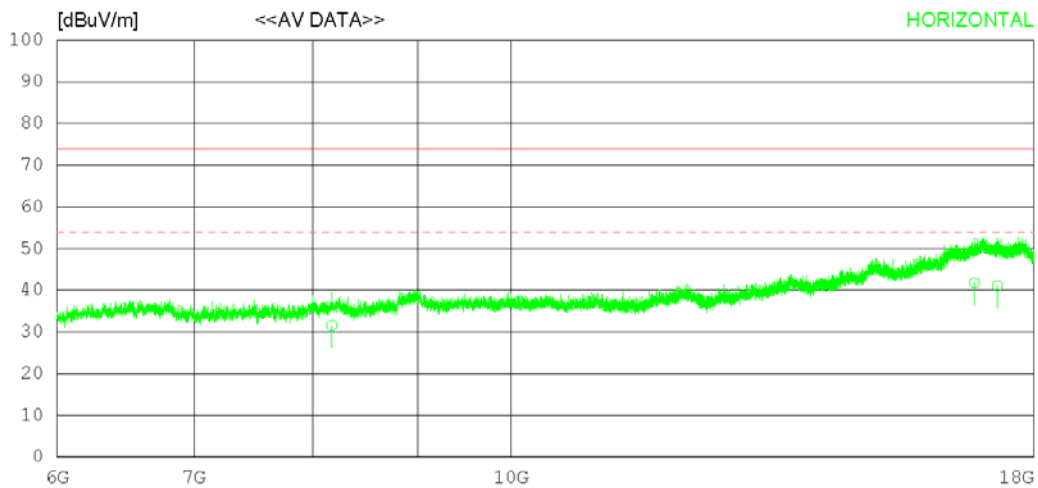
RADIATED EMISSION

Date 2020-10-27

Order No. DTNC2010-08255
 Power Supply Battery
 Temp/Humi 22 'C 43 % R.H.
 Test Condition Rear Camera Mode

Memo

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



RADIATED EMISSION

Date 2020-10-27

Order No.	DTNC2010-08255
Power Supply	Battery
Temp/Humi	22 °C 43 % R.H.
Test Condition	Rear Camera 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	8172.070	24.10	31.44	13.37	37.40	31.51	54.00	22.49	100	202
2	16838.210	18.30	37.37	22.44	36.30	41.81	54.00	12.19	100	353
3	17277.070	17.90	37.76	22.14	36.73	41.07	54.00	12.93	100	341
----- Vertical -----										
4	9020.176	23.60	32.11	15.30	37.52	33.49	54.00	20.51	105	265
5	16847.280	18.20	37.38	22.51	36.31	41.78	54.00	12.22	203	236
6	17760.090	17.80	38.14	22.74	37.42	41.26	54.00	12.74	101	351

Radiated disturbance at (18 ~ 40) GHz _Peak Measurement data			
Test configuration mode	4	EUT Operation mode	4
Test voltage (V)	Battery	Test Frequency (Hz)	-

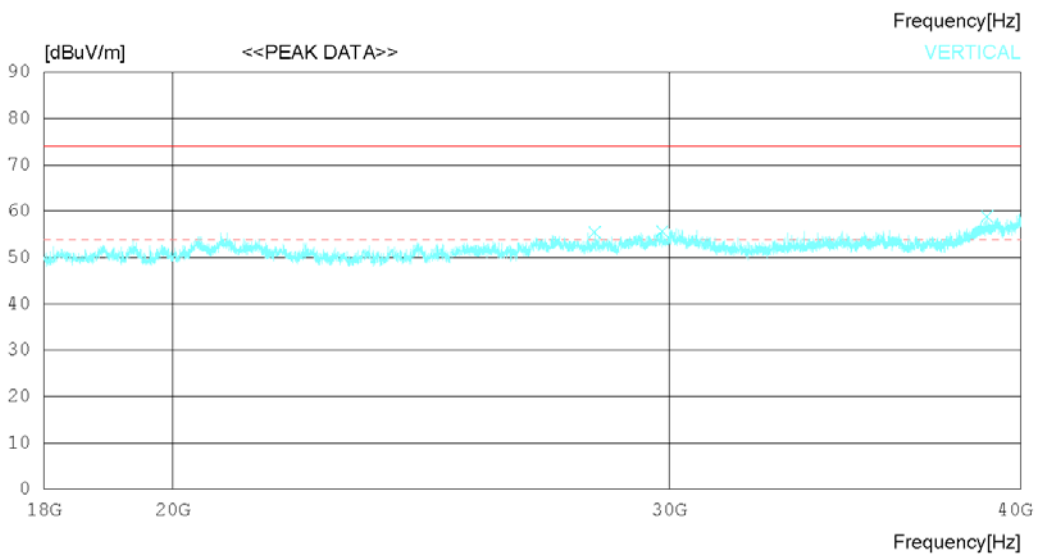
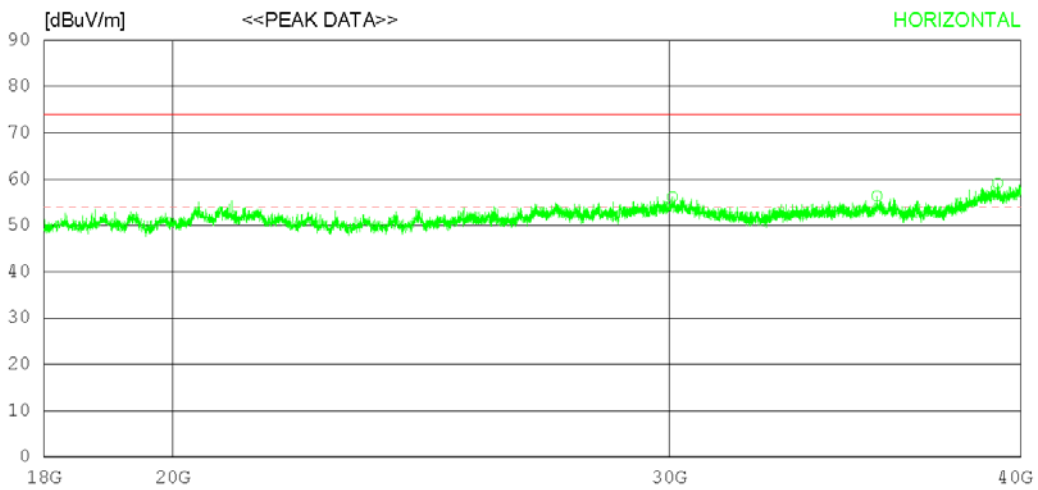
RADIATED EMISSION

Date 2020-10-27

Order No. DTNC2010-08255
 Power Supply Battery
 Temp/Humi 22 'C 43 % R.H.
 Test Condition Rear Camera Mode

Memo

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



RADIATED EMISSION

Date 2020-10-27

Order No. DTNC2010-08255
 Power Supply Battery
 Temp/Humi 22 °C 43 % R.H.
 Test Condition Rear Camera 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	30083.500	38.50	47.50	22.35	52.20	56.15	74.0	17.85	209	272
2	35558.750	38.70	47.00	24.48	53.79	56.39	74.0	17.61	203	1
3	39243.750	37.60	47.94	25.79	52.24	59.09	74.0	14.91	208	5
----- Vertical -----										
4	28232.750	40.10	46.40	21.70	52.77	55.43	74.0	18.57	204	253
5	29836.000	38.00	47.56	22.34	52.25	55.65	74.0	18.35	200	358
6	38911.000	37.70	47.51	25.95	52.25	58.91	74.0	15.09	105	10

Radiated disturbance at (18 ~ 40) GHz _Average Measurement data			
Test configuration mode	4	EUT Operation mode	4
Test voltage (V)	Battery	Test Frequency (Hz)	-

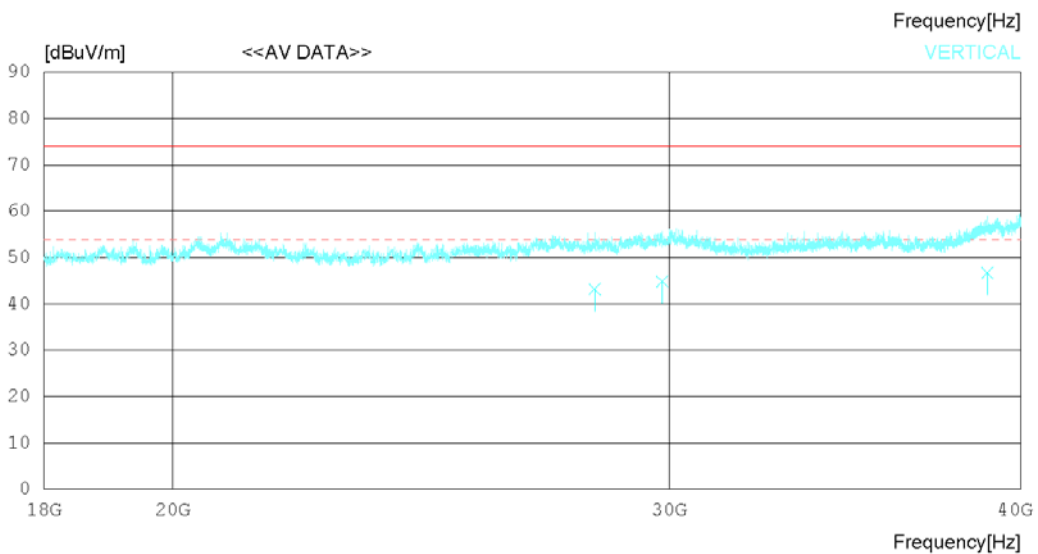
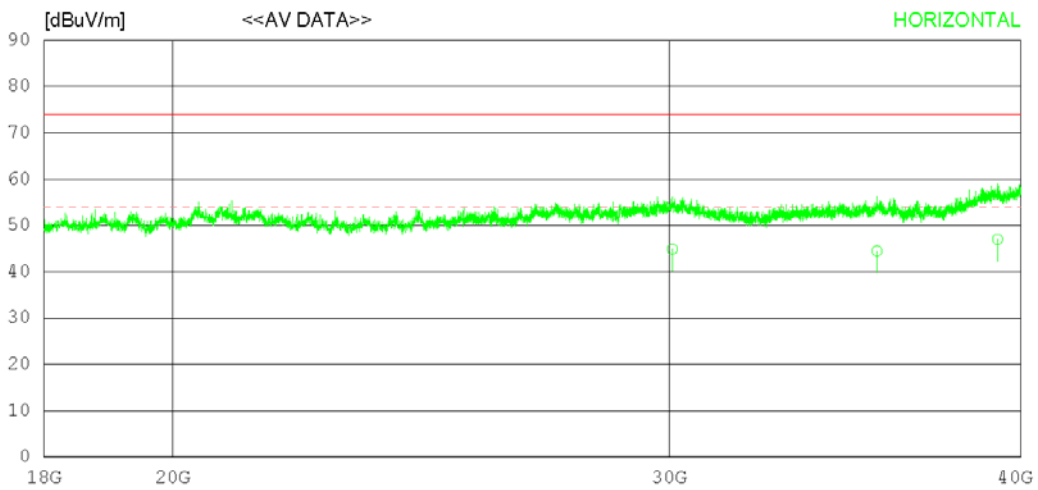
RADIATED EMISSION

Date 2020-10-27

Order No. DTNC2010-08255
 Power Supply Battery
 Temp/Humi 22 'C 43 % R.H.
 Test Condition Rear Camera Mode

Memo

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



RADIATED EMISSION

Date 2020-10-27

Order No.	DTNC2010-08255
Power Supply	Battery
Temp/Humi	22 °C 43 % R.H.
Test Condition	Rear Camera 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	30083.580	27.20	47.50	22.35	52.20	44.85	54.00	9.15	206	288
2	35558.730	26.80	47.00	24.48	53.79	44.49	54.00	9.51	202	0
3	39243.710	25.50	47.94	25.79	52.24	46.99	54.00	7.01	207	0
----- Vertical -----										
4	28232.780	27.80	46.40	21.70	52.77	43.13	54.00	10.87	203	265
5	29836.140	27.20	47.56	22.34	52.25	44.85	54.00	9.15	201	354
6	38911.090	25.50	47.51	25.95	52.25	46.71	54.00	7.29	104	0

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

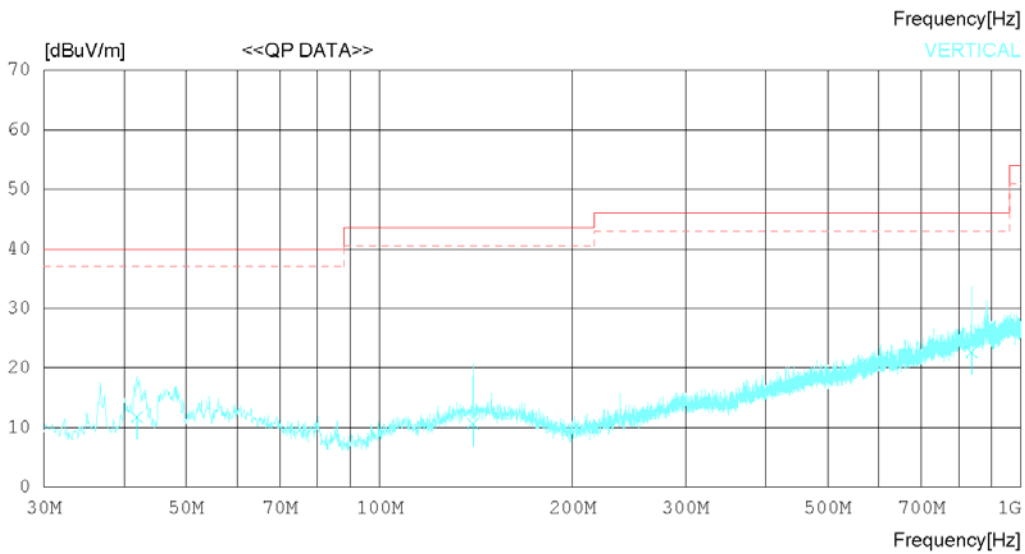
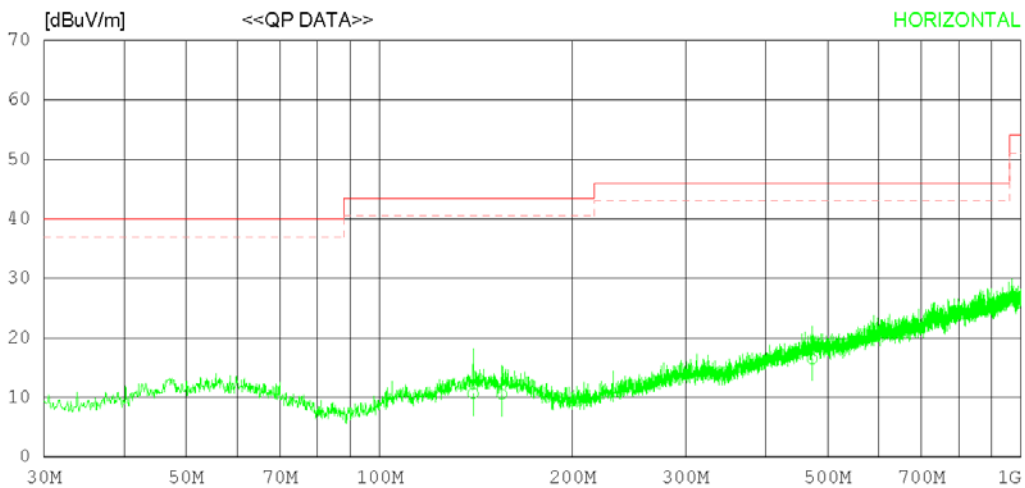
RADIATED EMISSION

Date 2020-10-27

Order No. DTNC2010-08255
 Power Supply Battery
 Temp/Humi 22 °C 43 % R.H.
 Test Condition MP4 Mode

Memo

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



RADIATED EMISSION

Date 2020-10-27

Order No.	DTNC2010-08255
Power Supply	Battery
Temp/Humi	22°C 43% R.H.
Test Condition	MP4 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	139.972	17.30	18.90	1.24	26.78	10.66	43.50	32.84	400	0
2	155.127	17.10	18.90	1.31	26.75	10.56	43.50	32.94	309	0
3	472.793	16.60	23.56	2.67	26.32	16.51	46.00	29.49	211	0
----- Vertical -----										
4	41.883	20.90	16.78	0.67	26.58	11.77	40.00	28.23	105	355
5	139.972	17.30	18.90	1.24	26.78	10.66	43.50	32.84	203	352
6	838.311	16.50	28.93	3.50	26.25	22.68	46.00	23.32	201	321

Radiated disturbance at (1 ~ 6) GHz _Peak Measurement data			
Test configuration mode	5	EUT Operation mode	5
Test voltage (V)	Battery	Test Frequency (Hz)	-

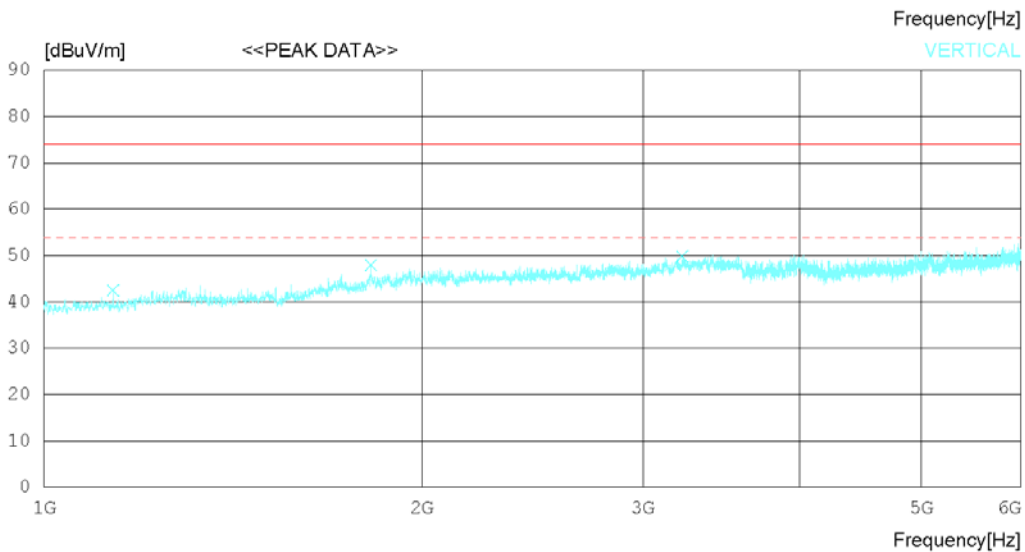
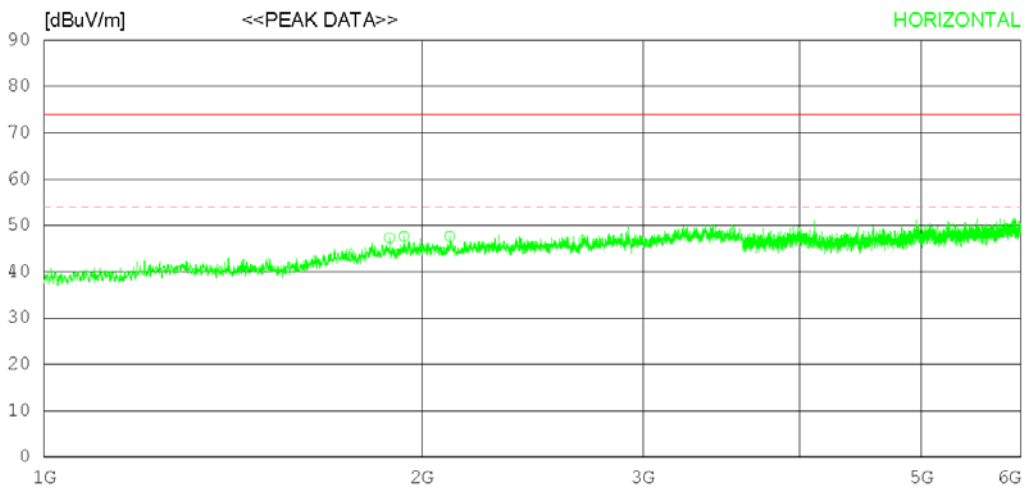
RADIATED EMISSION

Date 2020-10-27

Order No. DTNC2010-08255
 Power Supply Battery
 Temp/Humi 22 °C 43 % R.H.
 Test Condition MP4 Mode

Memo

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



RADIATED EMISSION

Date 2020-10-27

Order No. DTNC2010-08255
 Power Supply Battery
 Temp/Humi 22 °C 43 % R.H.
 Test Condition MP4 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	1884.375	44.40	31.28	6.90	35.23	47.35	74.0	26.65	107	99
2	1935.000	44.40	31.61	6.81	35.17	47.65	74.0	26.35	400	279
3	2104.375	44.20	31.79	6.78	35.11	47.66	74.0	26.34	207	279
----- Vertical -----										
4	1135.000	46.10	27.79	4.66	36.05	42.50	74.0	31.5	102	21
5	1821.250	45.70	30.54	7.02	35.30	47.96	74.0	26.04	107	1
6	3225.625	43.20	33.20	8.54	35.09	49.85	74.0	24.15	215	1

Radiated disturbance at (1 ~ 6) GHz _Average Measurement data			
Test configuration mode	5	EUT Operation mode	5
Test voltage (V)	Battery	Test Frequency (Hz)	-

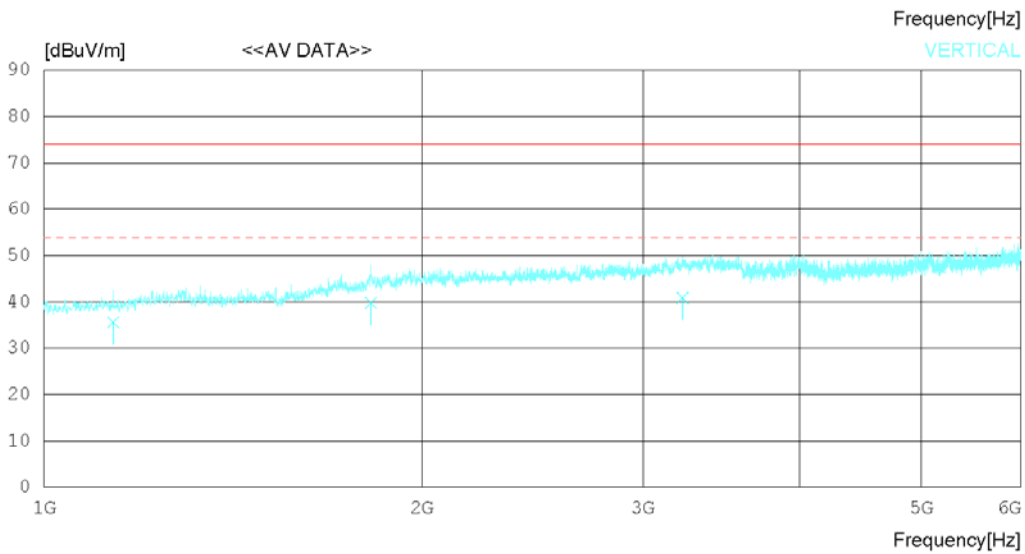
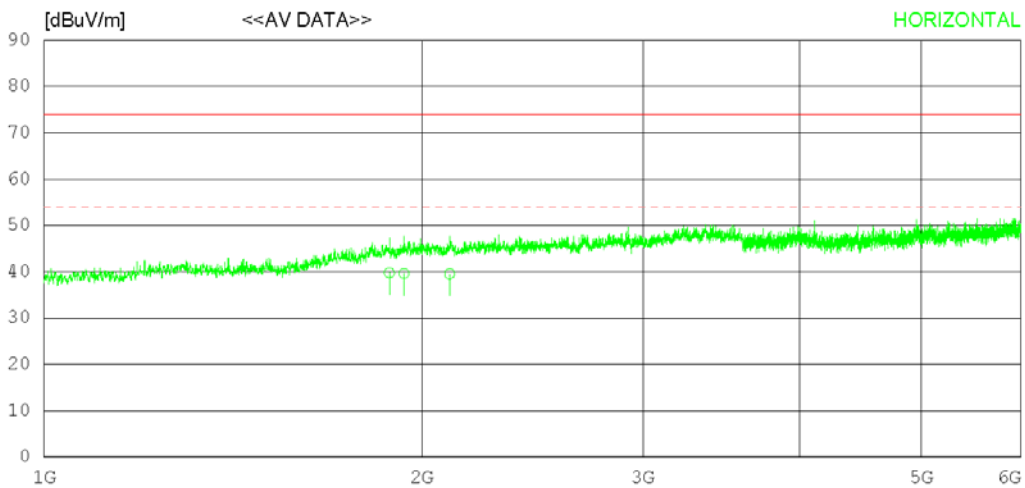
RADIATED EMISSION

Date 2020-10-27

Order No. DTNC2010-08255
 Power Supply Battery
 Temp/Humi 22 °C 43 % R.H.
 Test Condition MP4 Mode

Memo

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



RADIATED EMISSION

Date 2020-10-27

Order No.	DTNC2010-08255
Power Supply	Battery
Temp/Humi	22 °C 43 % R.H.
Test Condition	MP4 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	1884.332	36.80	31.27	6.90	35.23	39.74	54.00	14.26	106	102
2	1935.195	36.40	31.61	6.81	35.17	39.65	54.00	14.35	398	276
3	2104.435	36.10	31.79	6.78	35.11	39.56	54.00	14.44	206	288
----- Vertical -----										
4	1135.136	39.20	27.79	4.66	36.05	35.60	54.00	18.40	101	33
5	1821.286	37.50	30.54	7.02	35.30	39.76	54.00	14.24	106	0
6	3225.534	34.20	33.20	8.54	35.09	40.85	54.00	13.15	213	0

Radiated disturbance at (6 ~ 18) GHz _Peak Measurement data			
Test configuration mode	5	EUT Operation mode	5
Test voltage (V)	Battery	Test Frequency (Hz)	-

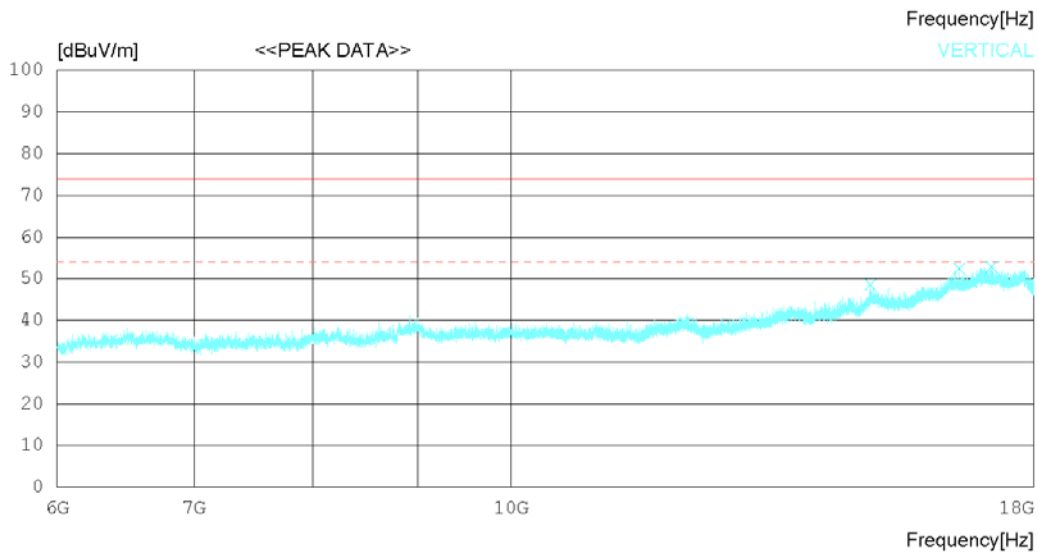
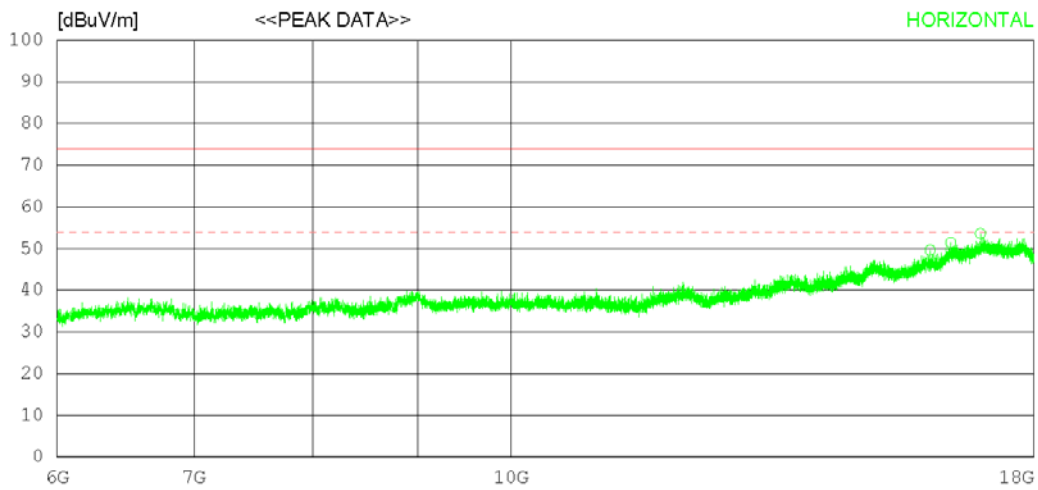
RADIATED EMISSION

Date 2020-10-27

Order No. DTNC2010-08255
 Power Supply Battery
 Temp/Humi 22 °C 43 % R.H.
 Test Condition MP4 Mode

Memo

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



RADIATED EMISSION

Date 2020-10-27

Order No. DTNC2010-08255
 Power Supply Battery
 Temp/Humi 22 °C 43 % R.H.
 Test Condition MP4 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	16017.750	29.50	36.44	20.08	36.39	49.63	74.0	24.37	207	23
2	16390.500	28.80	36.86	21.90	36.17	51.39	74.0	22.61	201	67
3	16950.750	29.10	37.49	23.39	36.37	53.61	74.0	20.39	311	0
----- Vertical -----										
4	14978.250	29.70	35.42	20.53	37.03	48.62	74.0	25.38	107	358
5	16557.750	29.70	37.05	21.80	36.13	52.42	74.0	21.58	103	358
6	17163.000	29.20	37.68	22.51	36.60	52.79	74.0	21.21	207	358

Radiated disturbance at (6 ~ 18) GHz _Average Measurement data			
Test configuration mode	5	EUT Operation mode	5
Test voltage (V)	Battery	Test Frequency (Hz)	-

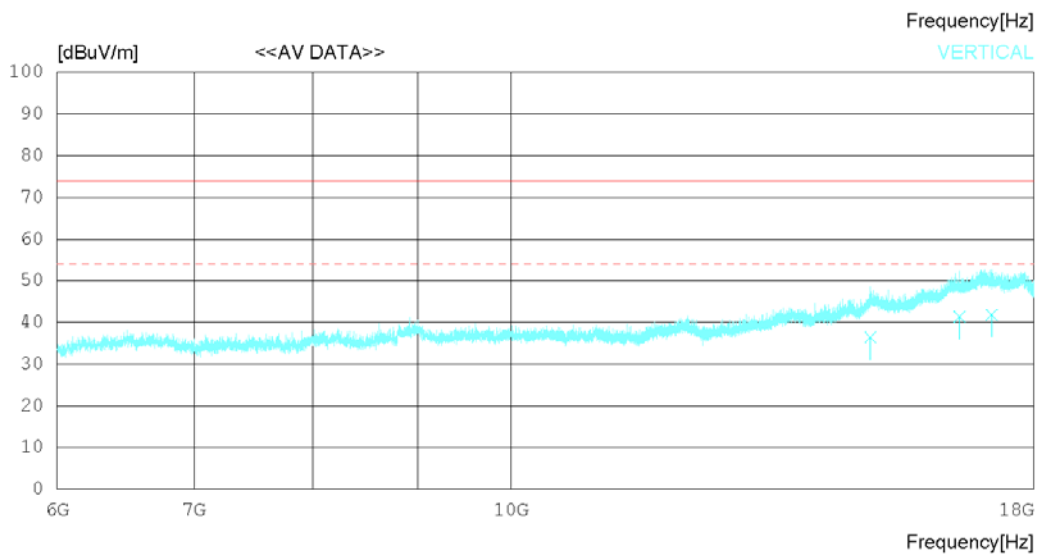
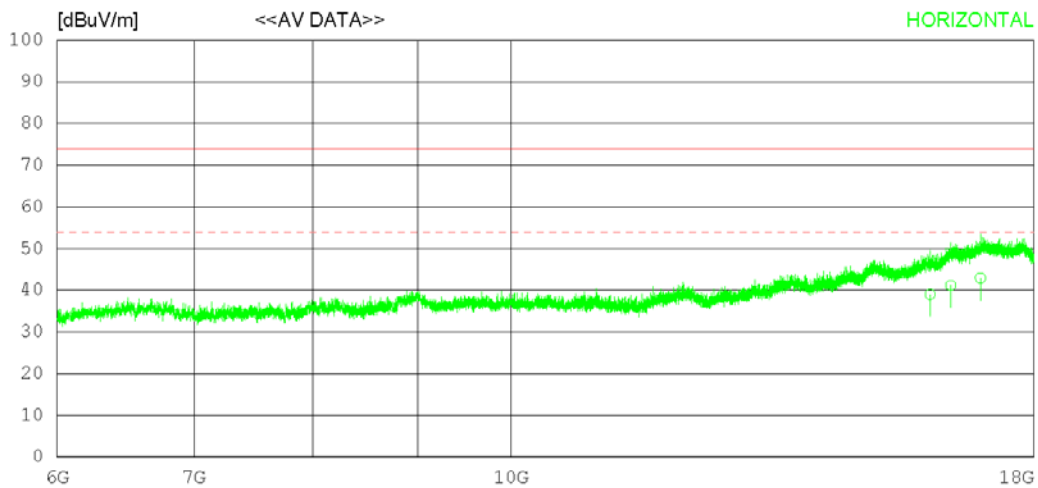
RADIATED EMISSION

Date 2020-10-27

Order No. DTNC2010-08255
 Power Supply Battery
 Temp/Humi 22 °C 43 % R.H.
 Test Condition MP4 Mode

Memo

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



RADIATED EMISSION

Date 2020-10-27

Order No. DTNC2010-08255
 Power Supply Battery
 Temp/Humi 22 °C 43 % R.H.
 Test Condition MP4 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	16017.780	18.90	36.44	20.08	36.39	39.03	54.00	14.97	206	36
2	16390.530	18.60	36.86	21.90	36.17	41.19	54.00	12.81	202	77
3	16950.790	18.40	37.49	23.39	36.37	42.91	54.00	11.09	309	0
----- Vertical -----										
4	14978.290	17.50	35.42	20.53	37.03	36.42	54.00	17.58	105	353
5	16557.720	18.60	37.05	21.80	36.13	41.32	54.00	12.68	102	346
6	17163.140	18.20	37.68	22.51	36.60	41.79	54.00	12.21	209	352

Radiated disturbance at (18 ~ 40) GHz _Peak Measurement data			
Test configuration mode	5	EUT Operation mode	5
Test voltage (V)	Battery	Test Frequency (Hz)	-

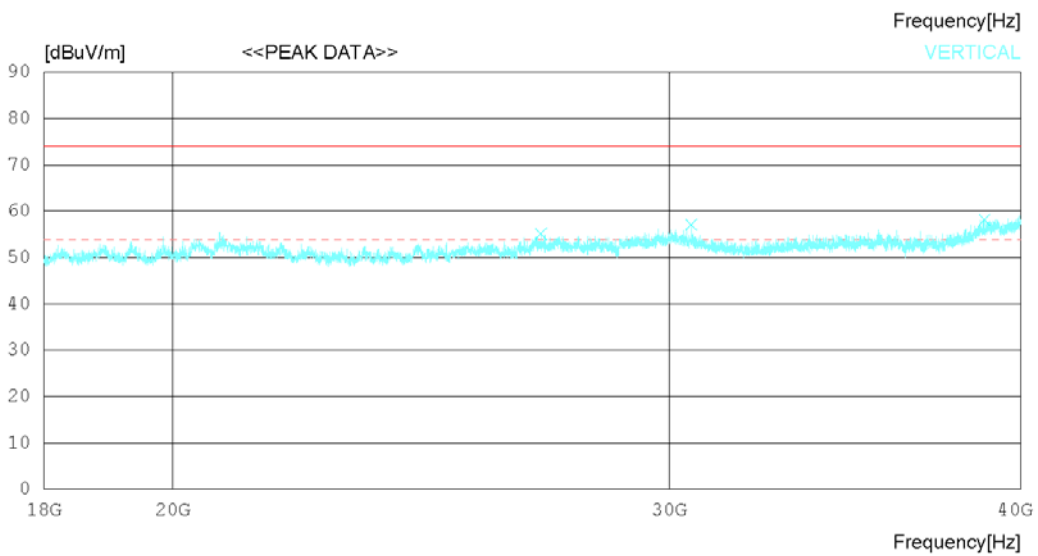
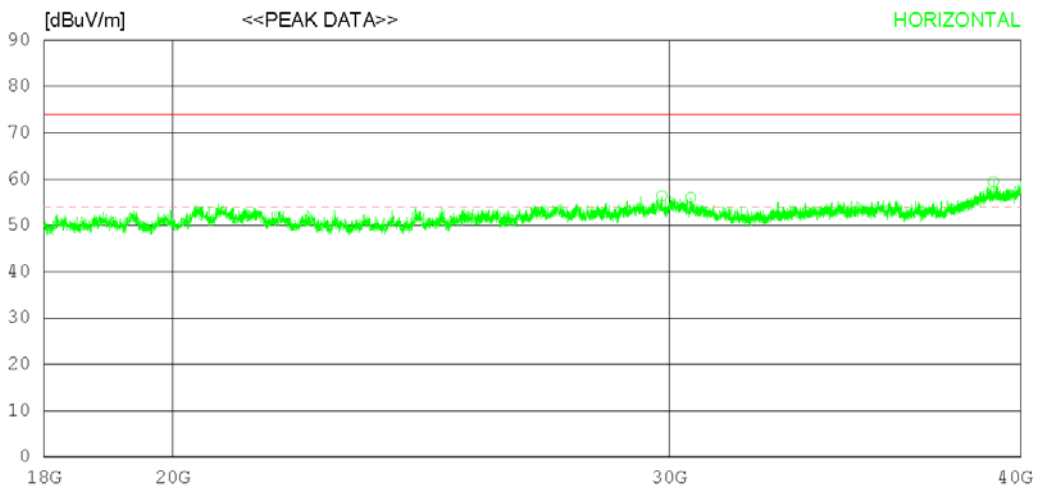
RADIATED EMISSION

Date 2020-10-27

Order No. DTNC2010-08255
 Power Supply Battery
 Temp/Humi 22 °C 43 % R.H.
 Test Condition MP4 Mode

Memo

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



RADIATED EMISSION

Date 2020-10-27

Order No.	DTNC2010-08255
Power Supply	Battery
Temp/Humi	22 °C 43 % R.H.
Test Condition	MP4 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	29822.250	38.70	47.58	22.34	52.26	56.36	74.0	17.64	106	325
2	30534.500	38.40	47.40	22.41	52.23	55.98	74.0	18.02	207	1
3	39111.750	38.00	47.72	25.95	52.24	59.43	74.0	14.57	218	1
----- Vertical -----										
4	27020.000	40.90	45.90	21.51	53.17	55.14	74.0	18.86	109	358
5	30556.500	39.50	47.40	22.41	52.23	57.08	74.0	16.92	106	153
6	38828.500	37.20	47.36	25.82	52.26	58.12	74.0	15.88	102	358

Radiated disturbance at (18 ~ 40) GHz _Average Measurement data			
Test configuration mode	5	EUT Operation mode	5
Test voltage (V)	Battery	Test Frequency (Hz)	-

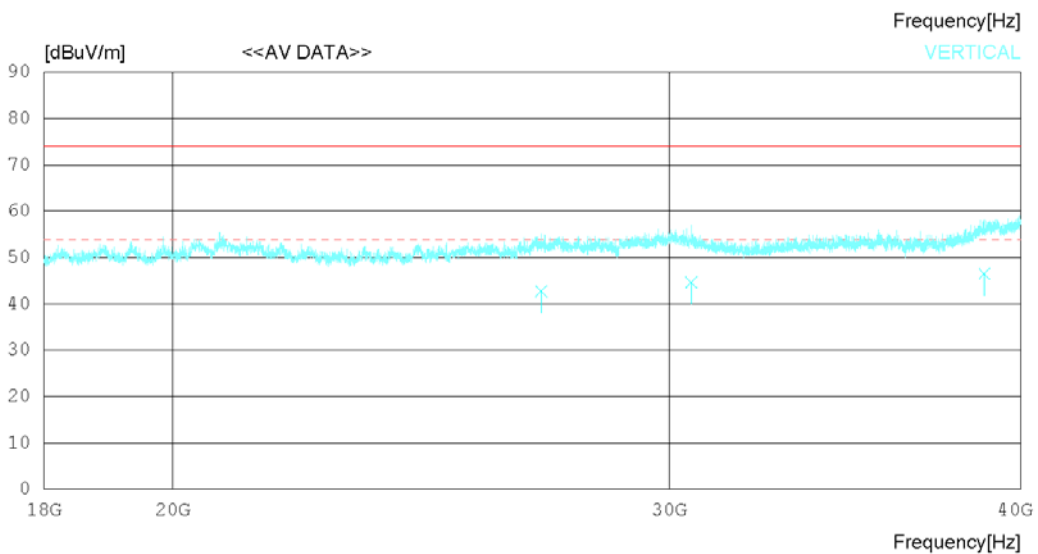
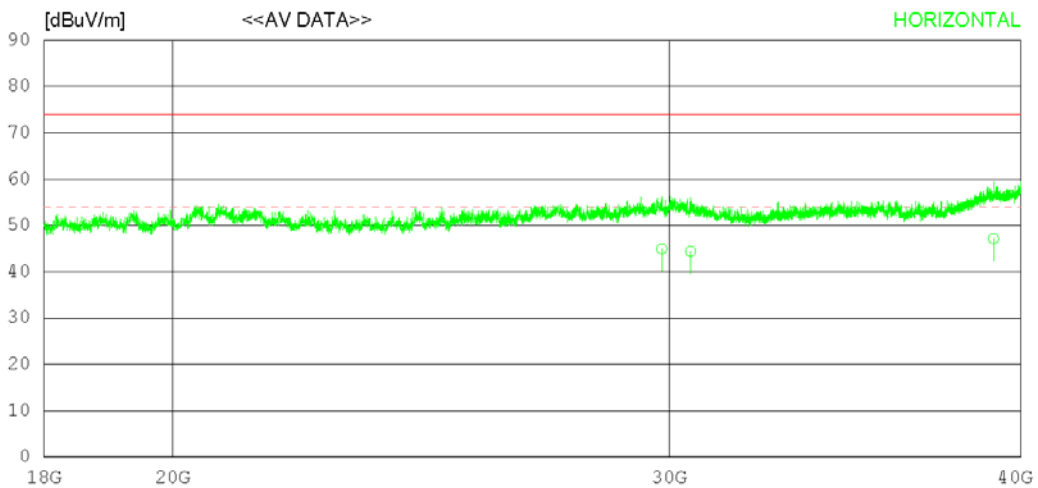
RADIATED EMISSION

Date 2020-10-27

Order No. DTNC2010-08255
 Power Supply Battery
 Temp/Humi 22 °C 43 % R.H.
 Test Condition MP4 Mode

Memo

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



RADIATED EMISSION

Date 2020-10-27

Order No. DTNC2010-08255
 Power Supply Battery
 Temp/Humi 22 °C 43 % R.H.
 Test Condition MP4 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	29822.280	27.30	47.58	22.34	52.26	44.96	54.00	9.04	105	301
2	30534.460	26.80	47.40	22.41	52.23	44.38	54.00	9.62	206	0
3	39111.720	25.70	47.72	25.95	52.24	47.13	54.00	6.87	217	0
----- Vertical -----										
4	27020.070	28.50	45.90	21.51	53.17	42.74	54.00	11.26	108	352
5	30556.540	27.10	47.40	22.41	52.23	44.68	54.00	9.32	105	166
6	38828.490	25.60	47.36	25.82	52.26	46.52	54.00	7.48	101	356

Radiated disturbance at (30 ~ 1000) MHz _ Measurement data			
Test configuration mode	7	EUT Operation mode	7
Test voltage (V)	Battery	Test Frequency (Hz)	-

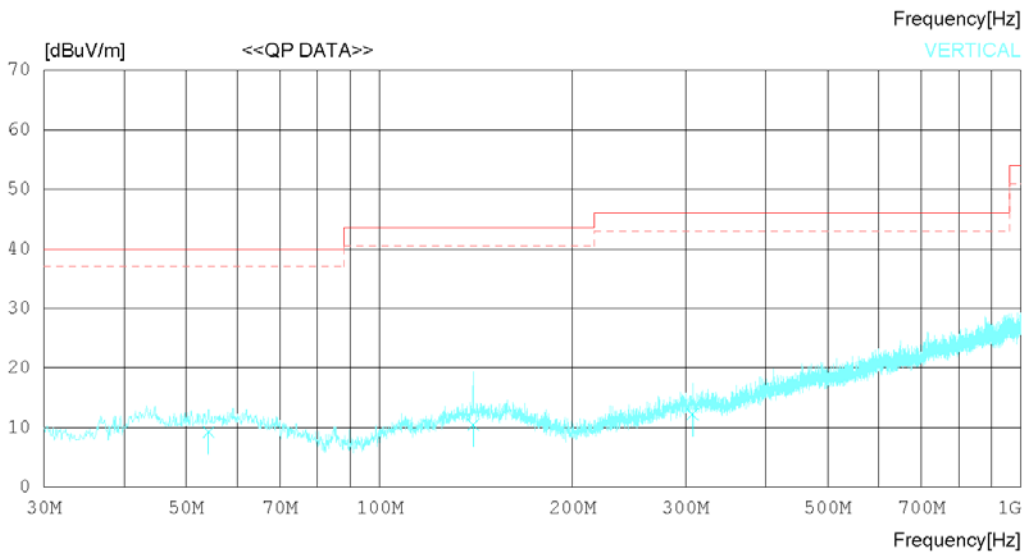
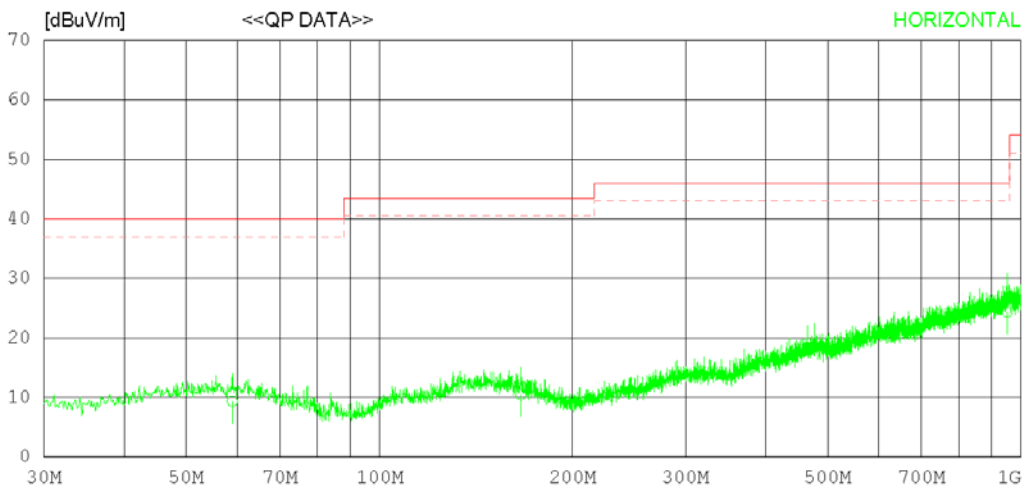
RADIATED EMISSION

Date 2020-10-27

Order No. DTNC2010-08255
 Power Supply Battery
 Temp/Humi 22 'C 43 % R.H.
 Test Condition LTE 5 Mode

Memo

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



RADIATED EMISSION

Date 2020-10-27

Order No. DTNC2010-08255
 Power Supply Battery
 Temp/Humi 22°C 43% R.H.
 Test Condition LTE 5 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	58.979	17.50	17.70	0.83	26.66	9.37	40.00	30.63	400	0
2	166.282	17.30	18.57	1.34	26.72	10.49	43.50	33.01	303	0
3	951.463	16.80	30.50	3.79	26.74	24.35	46.00	21.65	201	0
----- Vertical -----										
4	54.129	17.30	17.80	0.78	26.64	9.24	40.00	30.76	104	68
5	139.972	17.10	18.90	1.24	26.78	10.46	43.50	33.04	105	272
6	307.776	16.80	19.56	2.46	26.55	12.27	46.00	33.73	211	352

Radiated disturbance at (1 ~ 6) GHz _Peak Measurement data			
Test configuration mode	7	EUT Operation mode	7
Test voltage (V)	Battery	Test Frequency (Hz)	-

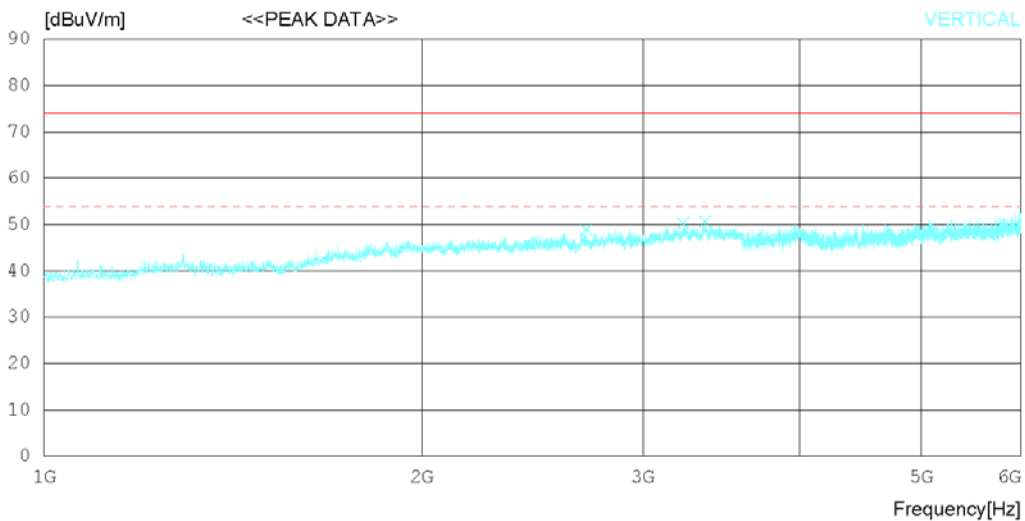
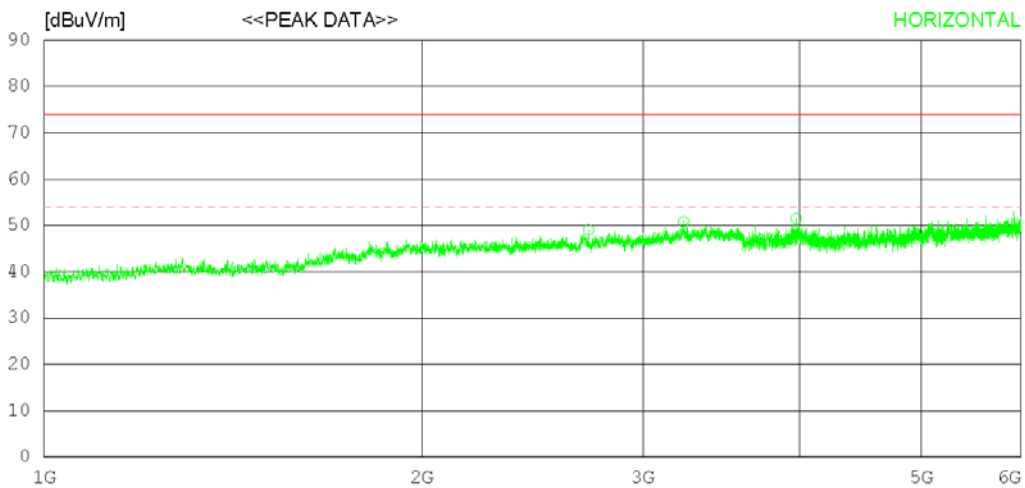
RADIATED EMISSION

Date 2020-10-27

Order No. DTNC2010-08255
 Power Supply Battery
 Temp/Humi 22 °C 43 % R.H.
 Test Condition LTE 5 Mode

Memo

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



RADIATED EMISSION

Date 2020-10-27

Order No.	DTNC2010-08255
Power Supply	Battery
Temp/Humi	22 °C 43 % R.H.
Test Condition	LTE 5 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	2715.000	44.40	32.30	7.55	35.17	49.08	74.0	24.92	206	1
2	3233.125	44.20	33.20	8.54	35.08	50.86	74.0	23.14	207	1
3	3972.500	43.00	33.56	9.65	34.71	51.50	74.0	22.5	209	2
----- Vertical -----										
4	2704.375	44.30	32.30	7.53	35.17	48.96	74.0	25.04	100	208
5	3229.375	43.70	33.20	8.54	35.09	50.35	74.0	23.65	107	355
6	3363.125	43.80	33.40	8.56	35.02	50.74	74.0	23.26	103	358

Radiated disturbance at (1 ~ 6) GHz _Average Measurement data			
Test configuration mode	7	EUT Operation mode	7
Test voltage (V)	Battery	Test Frequency (Hz)	-

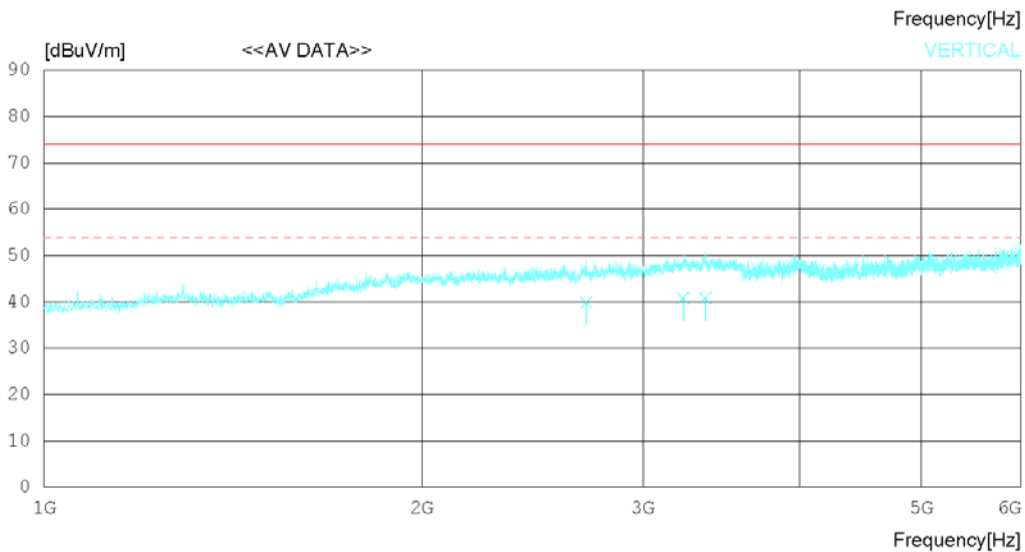
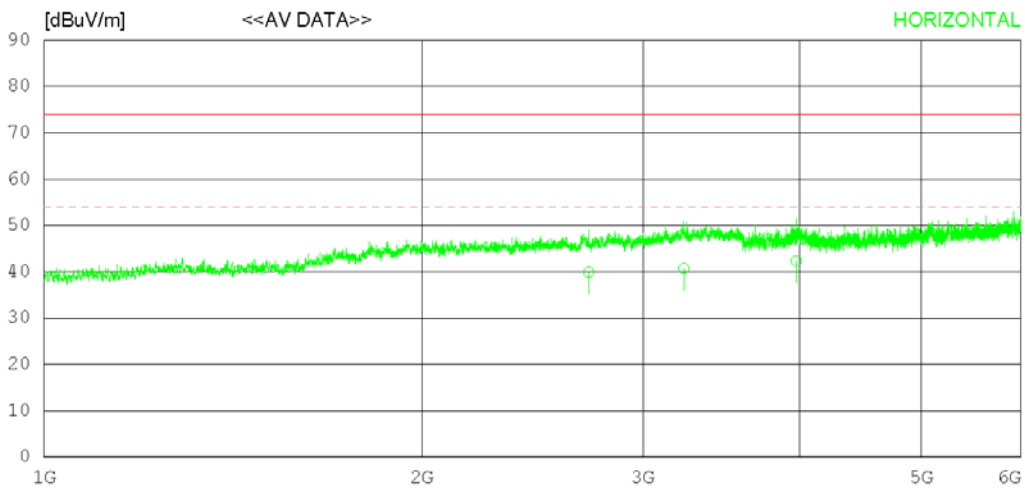
RADIATED EMISSION

Date 2020-10-27

Order No. DTNC2010-08255
 Power Supply Battery
 Temp/Humi 22 'C 43 % R.H.
 Test Condition LTE 5 Mode

Memo

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



RADIATED EMISSION

Date 2020-10-27

Order No. DTNC2010-08255
 Power Supply Battery
 Temp/Humi 22 °C 43 % R.H.
 Test Condition LTE5 5 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	2715.070	35.20	32.30	7.55	35.17	39.88	54.00	14.12	202	0
2	3233.263	34.10	33.20	8.54	35.08	40.76	54.00	13.24	206	0
3	3972.557	33.80	33.55	9.65	34.71	42.29	54.00	11.71	211	0
----- Vertical -----										
4	2704.322	35.20	32.30	7.53	35.17	39.86	54.00	14.14	100	211
5	3229.497	34.10	33.20	8.54	35.09	40.75	54.00	13.25	106	341
6	3363.362	33.90	33.40	8.56	35.02	40.84	54.00	13.16	102	352

Radiated disturbance at (6 ~ 18) GHz _Peak Measurement data			
Test configuration mode	7	EUT Operation mode	7
Test voltage (V)	Battery	Test Frequency (Hz)	-

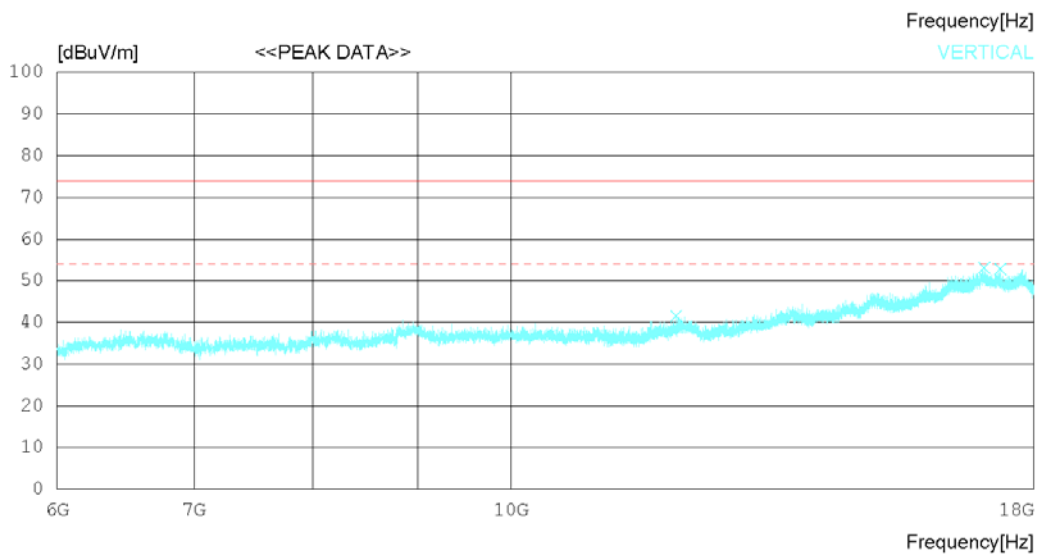
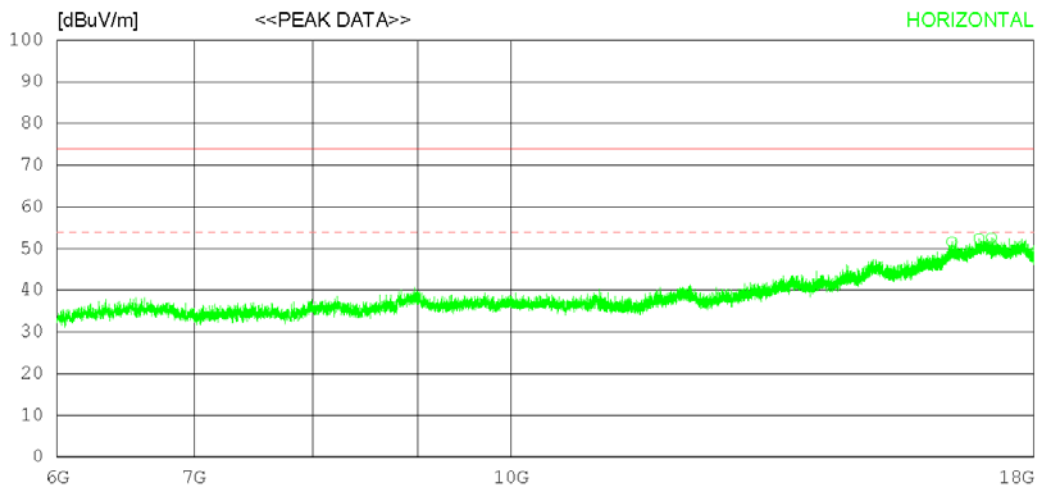
RADIATED EMISSION

Date 2020-10-27

Order No. DTNC2010-08255
 Power Supply Battery
 Temp/Humi 22 °C 43 % R.H.
 Test Condition LTE 5 Mode

Memo

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



RADIATED EMISSION

Date 2020-10-27

Order No. DTNC2010-08255
 Power Supply Battery
 Temp/Humi 22 °C 43 % R.H.
 Test Condition LTE 5 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	16413.750	28.90	36.89	21.97	36.15	51.61	74.0	22.39	209	82
2	16921.500	28.10	37.46	23.15	36.35	52.36	74.0	21.64	302	211
3	17160.000	29.00	37.67	22.53	36.59	52.61	74.0	21.39	303	358
----- Vertical -----										
4	12038.250	30.90	33.46	14.89	37.75	41.50	74.0	32.5	106	358
5	17024.250	28.30	37.57	23.62	36.43	53.06	74.0	20.94	103	358
6	17334.000	29.70	37.81	22.08	36.80	52.79	74.0	21.21	111	358

Radiated disturbance at (6 ~ 18) GHz _Average Measurement data			
Test configuration mode	7	EUT Operation mode	7
Test voltage (V)	Battery	Test Frequency (Hz)	-

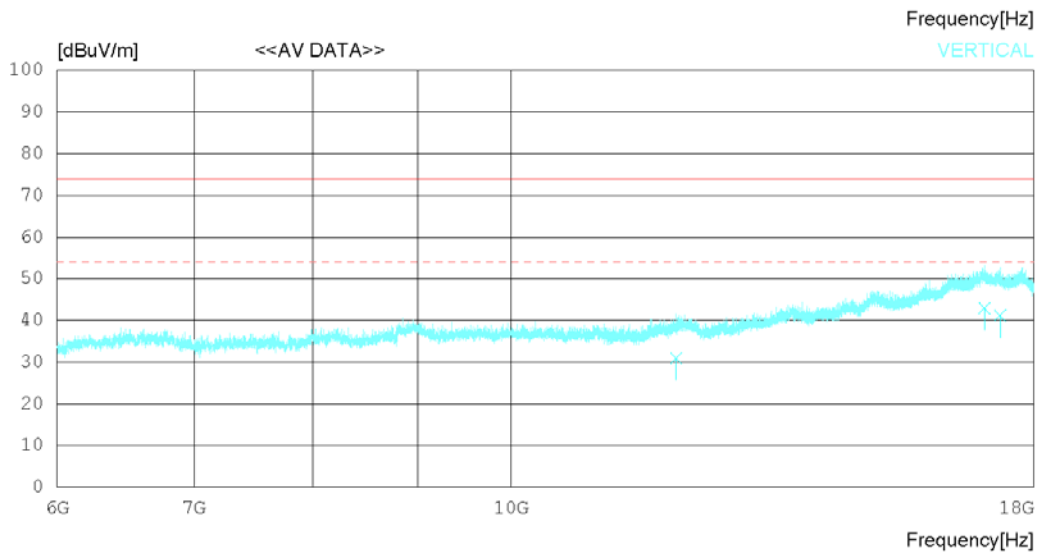
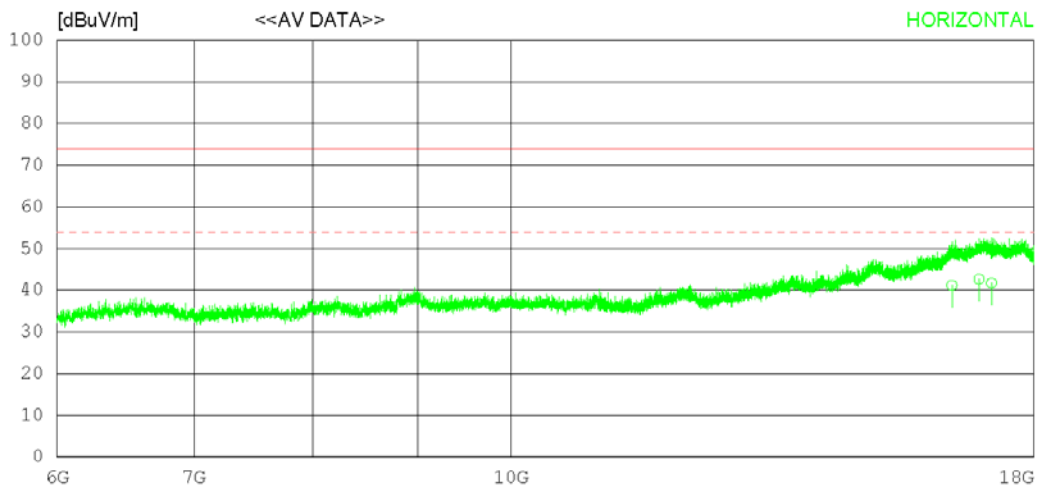
RADIATED EMISSION

Date 2020-10-27

Order No. DTNC2010-08255
 Power Supply Battery
 Temp/Humi 22 'C 43 % R.H.
 Test Condition LTE 5 Mode

Memo

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



RADIATED EMISSION

Date 2020-10-27

Order No. DTNC2010-08255
 Power Supply Battery
 Temp/Humi 22 °C 43 % R.H.
 Test Condition LTE 5 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	16413.780	18.50	36.89	21.97	36.15	41.21	54.00	12.79	206	93
2	16921.510	18.40	37.46	23.15	36.35	42.66	54.00	11.34	302	203
3	17160.040	18.10	37.67	22.53	36.59	41.71	54.00	12.29	301	352
----- Vertical -----										
4	12038.200	20.40	33.46	14.89	37.75	31.00	54.00	23.00	105	349
5	17024.280	18.20	37.57	23.62	36.43	42.96	54.00	11.04	101	354
6	17334.090	18.10	37.81	22.08	36.80	41.19	54.00	12.81	109	352

Radiated disturbance at (18 ~ 40) GHz _Peak Measurement data			
Test configuration mode	7	EUT Operation mode	7
Test voltage (V)	Battery	Test Frequency (Hz)	-

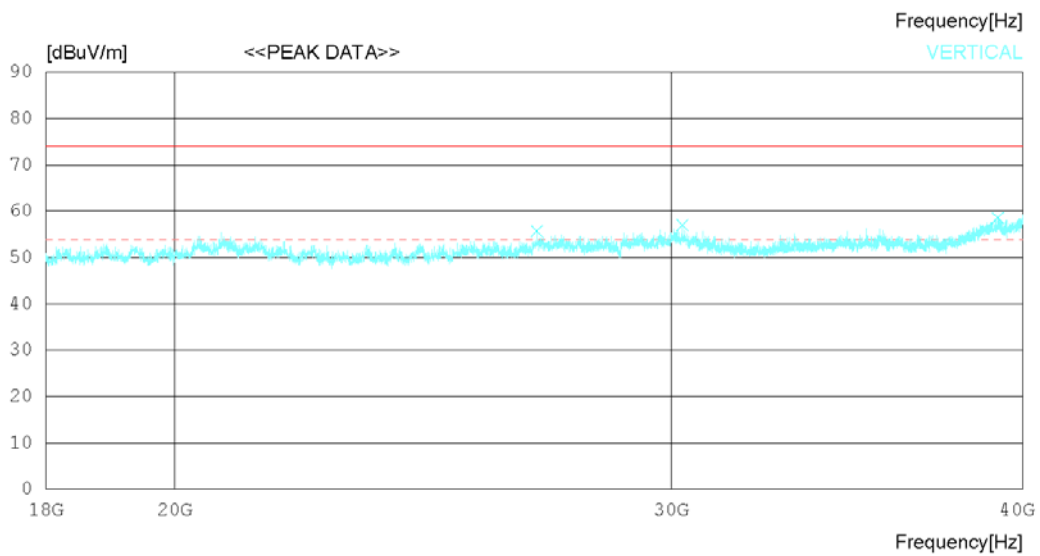
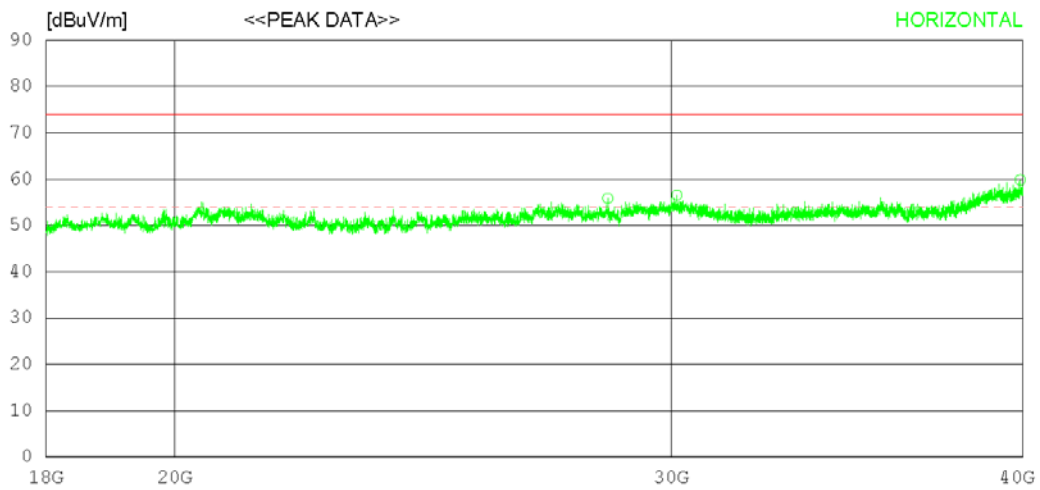
RADIATED EMISSION

Date 2020-10-27

Order No. DTNC2010-08255
 Power Supply Battery
 Temp/Humi 22 'C 43 % R.H.
 Test Condition LTE 5 Mode

Memo

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



RADIATED EMISSION

Date 2020-10-27

Order No. DTNC2010-08255
 Power Supply Battery
 Temp/Humi 22 °C 43 % R.H.
 Test Condition LTE 5 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	28488.500	40.10	46.50	21.94	52.69	55.85	74.0	18.15	309	340
2	30144.000	38.90	47.50	22.35	52.21	56.54	74.0	17.46	400	73
3	39912.000	37.90	49.12	25.00	52.20	59.82	74.0	14.18	395	315
----- Vertical -----										
4	26888.000	41.50	45.90	21.52	53.21	55.71	74.0	18.29	108	358
5	30287.000	39.30	47.50	22.37	52.21	56.96	74.0	17.04	102	358
6	39188.750	37.10	47.88	25.86	52.24	58.60	74.0	15.4	106	358

Radiated disturbance at (18 ~ 40) GHz _Average Measurement data			
Test configuration mode	7	EUT Operation mode	7
Test voltage (V)	Battery	Test Frequency (Hz)	-

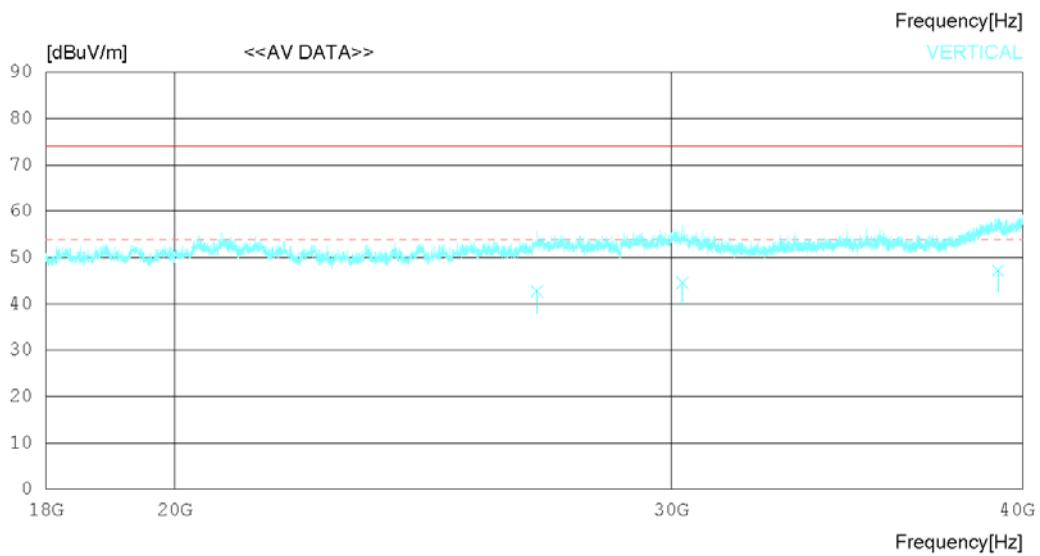
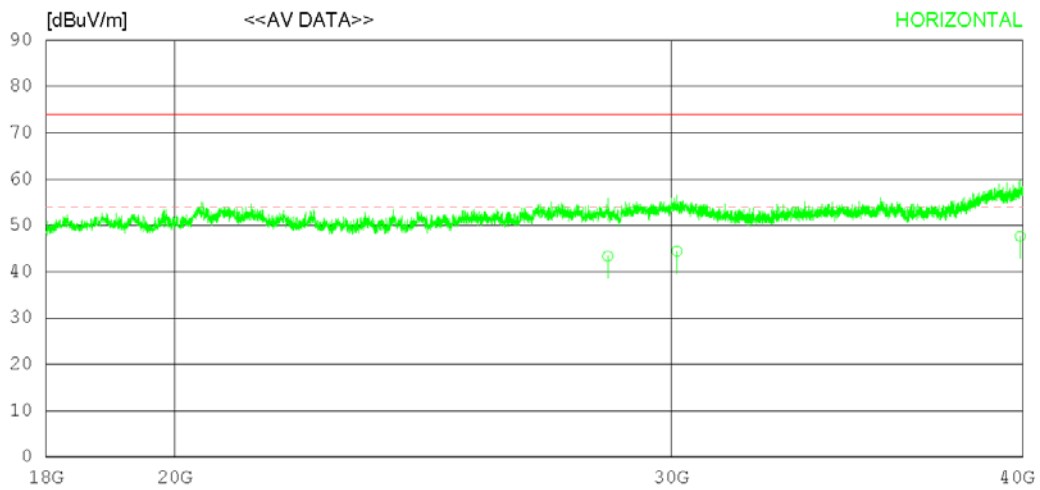
RADIATED EMISSION

Date 2020-10-27

Order No. DTNC2010-08255
 Power Supply Battery
 Temp/Humi 22 'C 43 % R.H.
 Test Condition LTE 5 Mode

Memo

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



RADIATED EMISSION

Date 2020-10-27

Order No.	DTNC2010-08255
Power Supply	Battery
Temp/Humi	22 °C 43 % R.H.
Test Condition	LTE 5 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	28488.590	27.60	46.50	21.94	52.69	43.35	54.00	10.65	308	344
2	30144.040	26.80	47.50	22.35	52.21	44.44	54.00	9.56	400	86
3	39912.020	25.70	49.12	25.00	52.20	47.62	54.00	6.38	392	320
----- Vertical -----										
4	26888.170	28.50	45.90	21.52	53.21	42.71	54.00	11.29	106	352
5	30287.080	26.90	47.50	22.37	52.21	44.56	54.00	9.44	101	348
6	39188.730	25.70	47.88	25.86	52.24	47.20	54.00	6.80	105	351

8. Revision History

Date	Description	Revised By	Reviewed By
Nov. 19. 2020	Initial report	ChanGeun Lee	KyoungHwan Bae

-End of test report-