

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

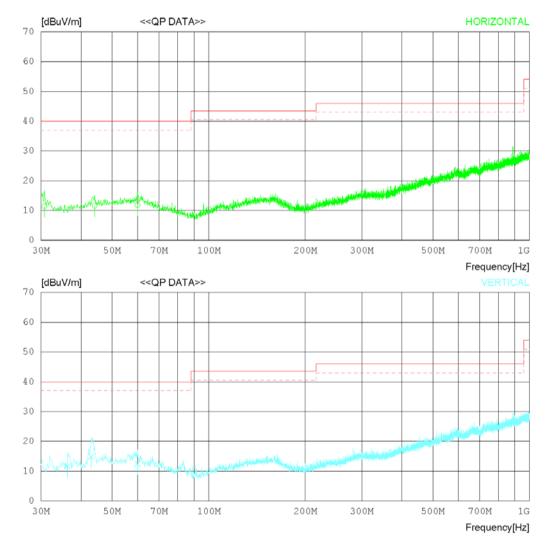
Date 2020-09-26

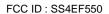
DTNC2008-06866, 2008-06867

Order No. Power Supply Temp/Humi Test Condition Battery 22 'C 47 %.R.H. Front Camera Mode

Memo

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







Date 2020-09-26

Order No. Power Supply Temp/Humi Test Condition

DTNC2008-06866, 2008-06867

Battery 22 'C 47 %.R.H. Front Camera Mode

Memo

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

No.	FREQ	READING	ANT	LOSS	GAIN	RESULT	LIMIT	MARGIN	ANTENNA	TABLE
	[MHz]	QP [dBuV]	FACTOR [dB]	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	[cm]	[DEG]
	Horizont	al								
1 2 3	30.728 44.065 59.949	19.90	15.70 17.61 17.90	0.64 0.69 0.84	26.52 26.59 26.66	11.61	40.00 40.00 40.00	28.58 28.39 28.12	209 101 105	0 22 353
	Vertical									
4 5 6	36.305 42.974 59.949	21.50 23.20 20.40	16.03 17.60 17.90	0.66 0.69 0.84	26.55 26.58 26.66	14.91	40.00 40.00 40.00	28.36 25.09 27.52	100 102 308	0 166 0



Radiated disturbance at (1 ~ 6) GHz _Peak Measurement data Test configuration mode **EUT Operation mode** 4

Battery

Report No.: DREFCC2101-0001(1)

RADIATED EMISSION

Date 2020-09-26

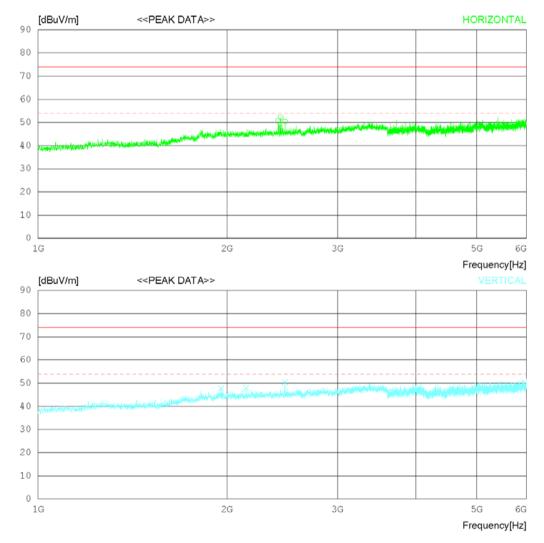
Test Frequency (Hz)

DTNC2008-06866, 2008-06867

Order No. Power Supply Temp/Humi Test Condition Battery 22 'C 47 %.R.H. Front Camera Mode

Memo

Test voltage (V)





Report No.: DREFCC2101-0001(1)

Date 2020-09-26

Order No. Power Supply Temp/Humi Test Condition DTNC2008-06866, 2008-06867 Battery

Battery 22 'C 47 %.R.H. Front Camera Mode

Memo

No.	FREQ	READING	ANT	LOSS	GAIN	RESULT	LIMIT	MARGIN	ANTENNA	TABLE
	[MHz]	PEAK FACTOR [dBuV] [dB]	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	[cm]	[DEG]	
	Horizont	al								
2	2411.250 2436.875 2474.375	48.103	32.20	7.12	35.14 35.14 35.15	50.64 52.28 50.43	74.0 74.0 74.0	23.36 21.72 23.57	206 215 302	55 1 358
	Vertical	L								
5	1956.250 2145.625 2473.750	44.40 3	31.71	6.82	35.11	47.71 47.82 50.43	74.0 74.0 74.0	26.29 26.18 23.57	109 213 102	143 42 103



Report No.: DREFCC2101-0001(1) FCC ID: SS4EF550

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

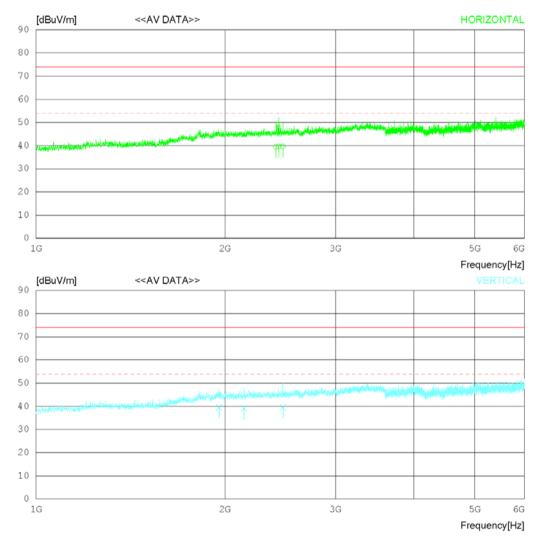
RADIATED EMISSION

Date 2020-09-26

DTNC2008-06866, 2008-06867

Order No. Power Supply Temp/Humi Test Condition Battery 22 'C 47 %.R.H. Front Camera Mode

Memo





Date 2020-09-26

FCC ID: SS4EF550

Order No. Power Supply Temp/Humi Test Condition DTNC2008-06866, 2008-06867 Battery

Battery 22 'C 47 %.R.H. Front Camera Mode

Memo

No	. FREQ	READING CAV	ANT FACTOR	LOSS	GAIN	RESULT	LIMIT	MARGIN	ANTENNA	TABLE
	[MHz]	[dBuV]	[dB]	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	[cm]	[DEG]
	Horizont	al								
2	2411.221 2436.884 2474.327	35.50	32.20 32.20 32.20	7.12	35.14 35.14 35.15	39.68	54.00 54.00 54.00	14.46 14.32 14.37	206 214 303	66 0 352
	Vertical									
5	1956.212 2145.607 2473.763	35.60	31.70 31.71 32.20	6.82	35.11	39.51 39.02 39.63	54.00 54.00 54.00	14.49 14.98 14.37	108 214 103	141 55 136



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

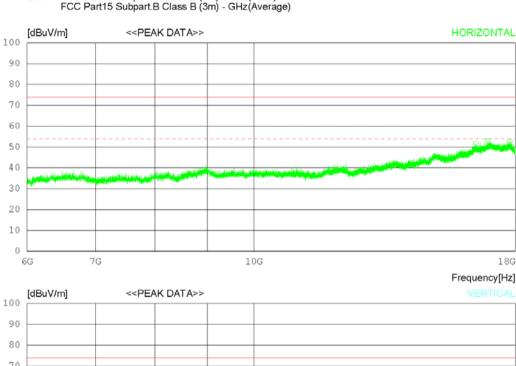
RADIATED EMISSION

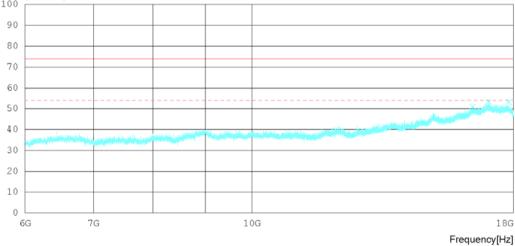
Date 2020-09-26

DTNC2008-06866, 2008-06867

Order No. Power Supply Temp/Humi Test Condition Battery 22 'C 47 %.R.H. Front Camera Mode

Memo







Report No.: DREFCC2101-0001(1)

Date 2020-09-26

Order No. Power Supply Temp/Humi Test Condition

DTNC2008-06866, 2008-06867 Battery

Battery 22 'C 47 %.R.H. Front Camera Mode

Memo

No	. FREQ F	READING	ANT	LOSS	GAIN	RESULT	LIMIT	MARGIN	ANTENNA	TABLE
	[MHz]	PEAK [dBuV]	FACTO	(dB)	[dB]	[dBuV/m]	[dBuV/m]	[dB]	[cm]	[DEG]
	Horizonta	al								
2	16464.750 16902.750 17771.250	28.70	37.44		36.12 36.34 37.43	51.63 52.78 52.48	74.0 74.0 74.0	22.37 21.22 21.52	203 304 214	200 358 273
	Vertical									
5	16422.750 17029.500 17810.250	28.60	37.57	23.58	36.15 36.44 37.50	50.90 53.31 53.22	74.0 74.0 74.0	23.1 20.69 20.78	103 201 101	140 196 215



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

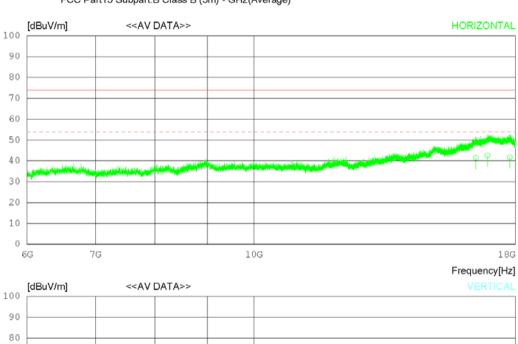
RADIATED EMISSION

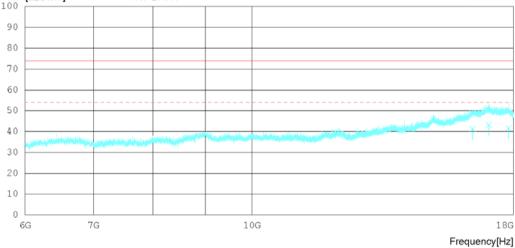
Date 2020-09-26

DTNC2008-06866, 2008-06867

Order No. Power Supply Temp/Humi Test Condition Battery 22 'C 47 %.R.H. Front Camera Mode

Memo







Report No.: DREFCC2101-0001(1)

Date 2020-09-26

Order No. Power Supply Temp/Humi Test Condition DTNC2008-06866, 2008-06867 Battery

Battery 22 'C 47 %.R.H. Front Camera Mode

Memo

No	. FREQ	READING CAV	ANT FACTOR	LOSS	GAIN	RESULT	LIMIT	MARGIN	ANTENNA	TABLE
	[MHz]	[dBuV]	[dB]	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	[cm]	[DEG]
	Horizont	al								
2	16464.77 16902.79 17771.22	0 18.50	37.44	21.90 22.98 22.77	36.12 36.34 37.43	42.58	54.00 54.00 54.00	12.57 11.42 12.32	205 303 216	211 354 281
	Vertical									
5	16422.77 17029.44 17810.19	0 18.50	36.90 37.57 38.17	21.95 23.58 22.75	36.15 36.44 37.50	43.21	54.00 54.00 54.00	12.70 10.79 12.38	105 202 100	155 203 214



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

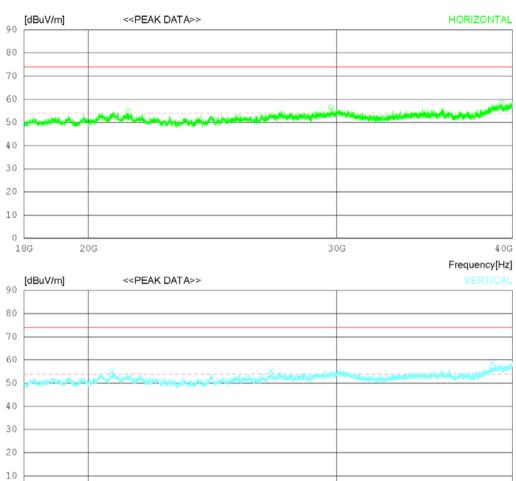
Date 2020-09-26

DTNC2008-06866, 2008-06867

Order No. Power Supply Temp/Humi Test Condition Battery 22 'C 47 %.R.H. Front Camera Mode

Memo

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



0 18G

20G

40G

Frequency[Hz]



Report No.: DREFCC2101-0001(1)

Date 2020-09-26

Order No. Power Supply Temp/Humi Test Condition DTNC2008-06866, 2008-06867

Battery 22 'C 47 %.R.H. Front Camera Mode

Memo

No	. FREQ F	READING PEAK	ANT FACTO	LOSS	GAIN	RESULT	LIMIT	MARGIN	ANTENNA	TABLE
	[MHz]	[dBuV]	[dB]	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	[cm]	[DEG]
	Horizonta	al								
2	21344.000 29737.000 39296.000	39.10	47.54	20.66 22.35 25.73	53.60 52.29 52.24	54.62 56.70 58.29	74.0 74.0 74.0	19.38 17.3 15.71	106 100 102	289 280 1
	Vertical									
5	20780.250 26956.750 38696.500	41.20	45.90	20.45 21.51 25.62	53.35 53.19 52.27	54.78 55.42 58.74	74.0 74.0 74.0	19.22 18.58 15.26	205 209 301	358 358 358



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

Report No.: DREFCC2101-0001(1)

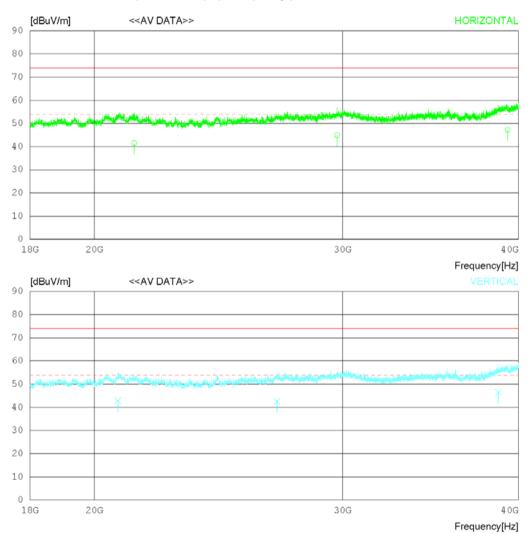
RADIATED EMISSION

Date 2020-09-26

DTNC2008-06866, 2008-06867

Order No. Power Supply Temp/Humi Test Condition Battery 22 'C 47 %.R.H. Front Camera Mode

Memo





Report No.: DREFCC2101-0001(1)

Date 2020-09-26

Order No. Power Supply Temp/Humi Test Condition DTNC2008-06866, 2008-06867 Battery

Battery 22 'C 47 %.R.H. Front Camera Mode

Memo

No	. FREQ I	READING CAV	ANT FACTOR	LOSS	GAIN	RESULT	LIMIT	MARGIN	ANTENNA	TABLE
	[MHz]	[dBuV]	[dB]	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	[cm]	[DEG]
	Horizonta	al								
2	21344.160 29737.140 39296.210	27.30	47.54	20.66 22.35 25.73	53.60 52.29 52.24	44.90	54.00 54.00 54.00	12.48 9.10 6.71	100 100 100	293 299 0
	Vertical									
5	20780.280 26956.720 38696.560	28.40	45.90	20.45 21.51 25.62	53.35 53.19 52.27	42.62	54.00 54.00 54.00	11.12 11.38 7.56	203 211 307	348 354 352



Radiated disturbance at (30 ~ 1000) MHz _Measurement data									
Test configuration mode	5	EUT Operation mode	5						

Battery

Report No.: DREFCC2101-0001(1)

RADIATED EMISSION

Date 2020-09-26

Test Frequency (Hz)

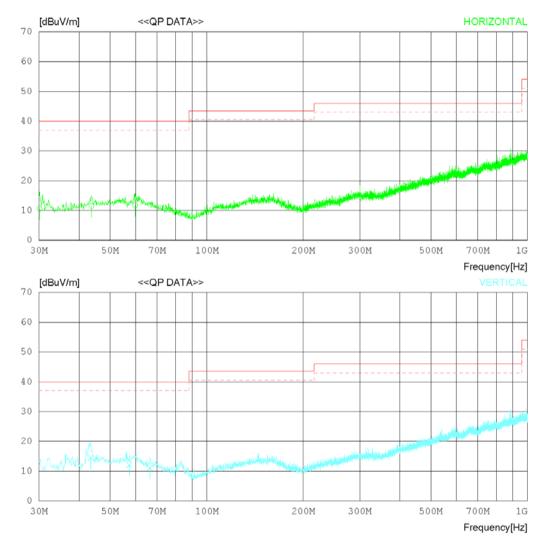
DTNC2008-06866, 2008-06867

Order No. Power Supply Temp/Humi Test Condition Battery 22 'C 47 %.R.H. Rear Camera Mode

Memo

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

Test voltage (V)





RADIATED EMISSION

Date 2020-09-26

Order No. Power Supply Temp/Humi Test Condition

DTNC2008-06866, 2008-06867

Battery 22 'C 47 %.R.H. Rear Camera Mode

Memo

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

No.	FREQ	READING	ANT FACTOR	LOSS	GAIN	RESULT	LIMIT	MARGIN	ANTENNA	TABLE
	[MHz]	QP [dBuV]	[dB]	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	[cm]	[DEG]
	Horizont	al								
1 2 3	30.121 43.701 59.828	20.10 19.80 19.70	16.37 17.60 17.90	0.63 0.70 0.84	26.52 26.59 26.66	11.51	40.00 40.00 40.00	29.42 28.49 28.22	209 105 101	0 354 355
	Vertical	L								
4 5 6	43.459 57.403 66.496	22.80 20.10 19.80	17.60 17.82 17.15	0.69 0.81 0.87	26.59 26.65 26.69	12.08	40.00 40.00 40.00	25.50 27.92 28.87	100 196 202	0 356 352



Report No.: DREFCC2101-0001(1) FCC ID: SS4EF550

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

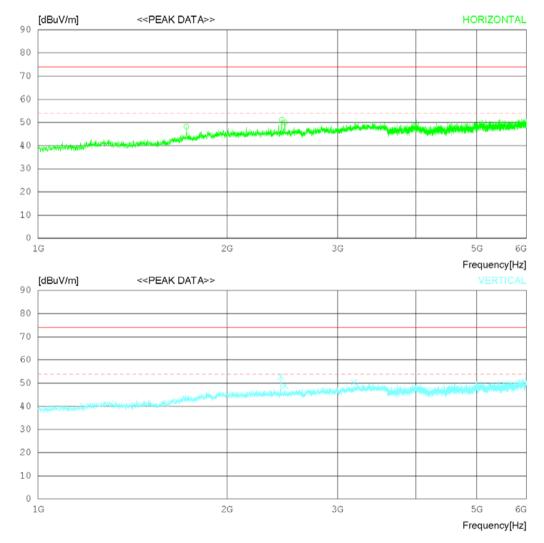
RADIATED EMISSION

Date 2020-09-26

DTNC2008-06866, 2008-06867

Order No. Power Supply Temp/Humi Test Condition Battery 22 'C 47 %.R.H. Rear Camera Mode

Memo





Report No.: DREFCC2101-0001(1)

Date 2020-09-26

Order No. Power Supply Temp/Humi Test Condition

DTNC2008-06866, 2008-06867

Battery 22 'C 47 %.R.H. Rear Camera Mode

Memo

No	FREQ	READING PEAK	ANT FACTOR	LOSS	GAIN	RESULT	LIMIT	MARGIN	ANTENNA	TABLE
	[MHz]	[dBuV]	[dB]	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	[cm]	[DEG]
	Horizont	al								
2	1723.750 2446.875 2473.125	47.003	32.20	7.14	35.40 35.14 35.15	51.20	74.0 74.0 74.0	25.9 22.8 24.07	104 215 209	358 353 358
	Vertical									
5	2436.875 2474.375 3188.750	44.70	32.20	7.18	35.14 35.15 35.11		74.0 74.0 74.0	21.12 25.07 23.65	103 104 209	26 225 26



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

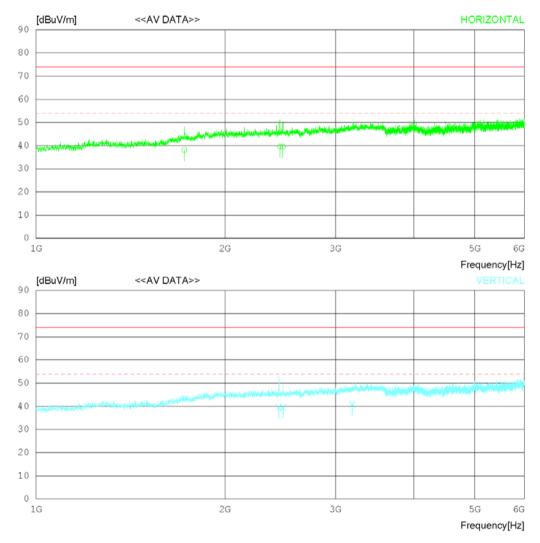
RADIATED EMISSION

Date 2020-09-26

DTNC2008-06866, 2008-06867

Order No. Power Supply Temp/Humi Test Condition Battery 22 'C 47 %.R.H. Rear Camera Mode

Memo





Date 2020-09-26

FCC ID: SS4EF550

Order No. Power Supply Temp/Humi Test Condition

DTNC2008-06866, 2008-06867 Battery

Battery 22 'C 47 %.R.H. Rear Camera Mode

Memo

No	. FREQ	READING CAV	ANT	LOSS	GAIN	RESULT	LIMIT	MARGIN	ANTENNA	TABLE
	[MHz]	[dBuV]	FACTOR [dB]	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	[cm]	[DEG]
	Horizont	al								
2	1723.776 2446.884 2473.235	35.40	29.65 32.20 32.20	7.05 7.14 7.18	35.14		54.00 54.00 54.00	15.90 14.40 14.47	105 213 208	352 351 356
	Vertical									
5	2436.884 2474.322 3188.768	35.30	32.20	7.18	35.15	39.58 39.53 40.85	54.00 54.00 54.00	14.42 14.47 13.15	101 105 206	17 231 14



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

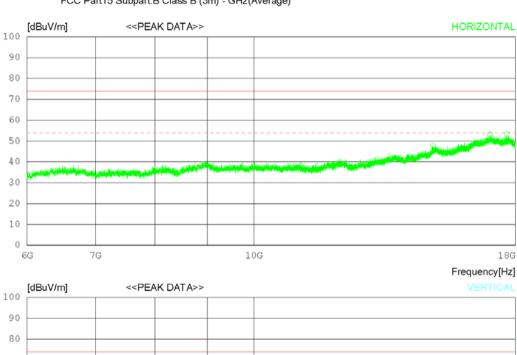
RADIATED EMISSION

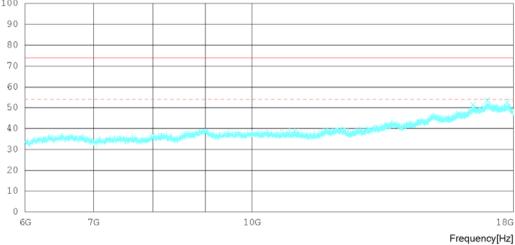
Date 2020-09-26

DTNC2008-06866, 2008-06867

Order No. Power Supply Temp/Humi Test Condition Battery 22 'C 47 %.R.H. Rear Camera Mode

Memo







Date 2020-09-26

Order No. Power Supply Temp/Humi Test Condition DTNC2008-06866, 2008-06867

Battery 22 'C 47 %.R.H. Rear Camera Mode

Memo

No	. FREQ	READING	ANT	LOSS	GAIN	RESULT	LIMIT	MARGIN	ANTENNA	TABLE
	[MHz]	PEAK [dBuV]	FACTOR [dB]	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	[cm]	[DEG]
	Horizont	al								
2	14958.000 17004.000 17645.250	28.30	37.55	23.77	36.40	47.60 53.22 53.37	74.0 74.0 74.0	26.4 20.78 20.63	313 206 308	358 60 358
	Vertical									
5	16431.000 16971.000 17755.500	28.90	37.52	23.57	36.38	53.61	74.0 74.0 74.0	22.49 20.39 21.45	201 204 100	358 72 0



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

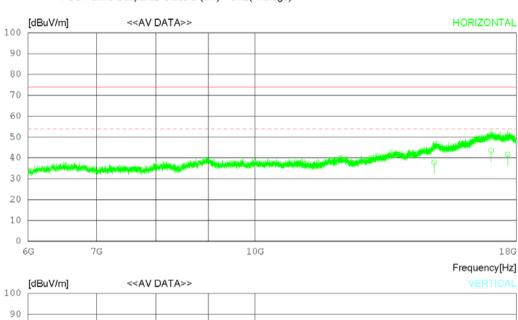
RADIATED EMISSION

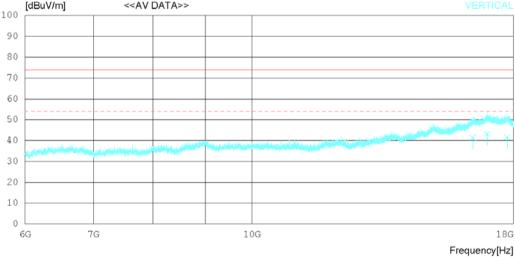
Date 2020-09-26

DTNC2008-06866, 2008-06867

Order No. Power Supply Temp/Humi Test Condition Battery 22 'C 47 %.R.H. Rear Camera Mode

Memo







RADIATED EMISSION

Date 2020-09-26

Order No. Power Supply Temp/Humi Test Condition DTNC2008-06866, 2008-06867 Battery

Battery 22 'C 47 %.R.H. Rear Camera Mode

Memo

No	. FREQ	READING	ANT	LOSS	GAIN	RESULT	LIMIT	MARGIN	ANTENNA	TABLE
	[MHz]	CAV [dBuV]	FACTOR [dB]	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	[cm]	[DEG]
	Horizont	al								
2	14958.17 17004.16 17645.23	0 18.50	37.55	23.77	36.40	43.42	54.00 54.00 54.00	16.20 10.58 12.33	312 205 306	352 77 355
	Vertical	L								
5	16431.14 16971.13 17755.54	0 18.40	37.52	23.57	36.38	43.11	54.00 54.00	12.69 10.89 12.45	202 201 101	351 88 0



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

Report No.: DREFCC2101-0001(1)

RADIATED EMISSION

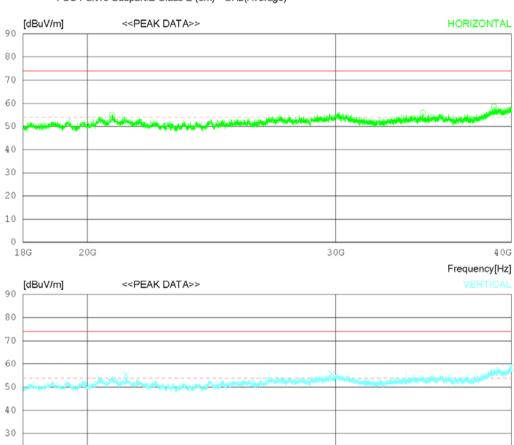
Date 2020-09-26

DTNC2008-06866, 2008-06867

Order No. Power Supply Temp/Humi Test Condition Battery 22 'C 47 %.R.H. Rear Camera Mode

Memo

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



40G

20G

30G



Date 2020-09-26

FCC ID: SS4EF550

Order No. Power Supply Temp/Humi Test Condition DTNC2008-06866, 2008-06867

Battery 22 'C 47 %.R.H. Rear Camera Mode

Memo

No	. FREQ F	READING	ANT	LOSS	GAIN	RESULT	LIMIT	MARGIN	ANTENNA	TABLE
	[MHz]	PEAK [dBuV]	FACTO	k [dB]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	[cm]	[DEG]
	Horizonta	al								
2	20816.000 34615.500 38875.250	37.60	47.20	24.68	53.37 53.55 52.26	55.14 55.93 58.58	74.0 74.0 74.0	18.86 18.07 15.42	205 399 103	109 151 0
	Vertical									
5	21300.000 29797.500 39950.500	38.10	47.60	20.68 22.34 24.95	53.59 52.27 52.20	55.29 55.77 58.55	74.0 74.0 74.0	18.71 18.23 15.45	206 201 195	358 310 358



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

Report No.: DREFCC2101-0001(1)

RADIATED EMISSION

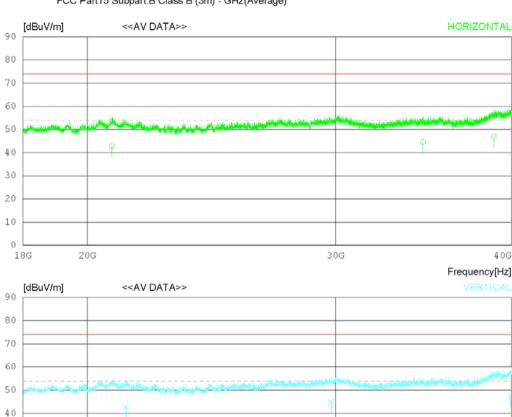
Date 2020-09-26

DTNC2008-06866, 2008-06867

Order No. Power Supply Temp/Humi Test Condition Battery 22 'C 47 %.R.H. Rear Camera Mode

Memo

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



3.0 20 10 0 18G

20G

30G



Date 2020-09-26

FCC ID: SS4EF550

Order No. Power Supply Temp/Humi Test Condition

DTNC2008-06866, 2008-06867

Battery 22 'C 47 %.R.H. Rear Camera Mode

Memo

No	. FREQ	READING CAV	ANT FACTOR	LOSS	GAIN	RESULT	LIMIT	MARGIN	ANTENNA	TABLE
	[MHz]	[dBuV]	[dB]	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	[cm]	[DEG]
	Horizont	al								
2	20816.170 34615.540 38875.260	26.20	47.20	20.51 24.68 25.89	53.37 53.55 52.26	44.53	54.00 54.00 54.00	11.16 9.47 7.02	203 396 102	123 166 0
	Vertical									
5	21300.140 29797.590 39950.430	27.20	47.60	20.68 22.34 24.95	53.59 52.27 52.20	44.87	54.00 54.00	11.31 9.13 6.45	203 202 196	356 311 352



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

RADIATED EMISSION

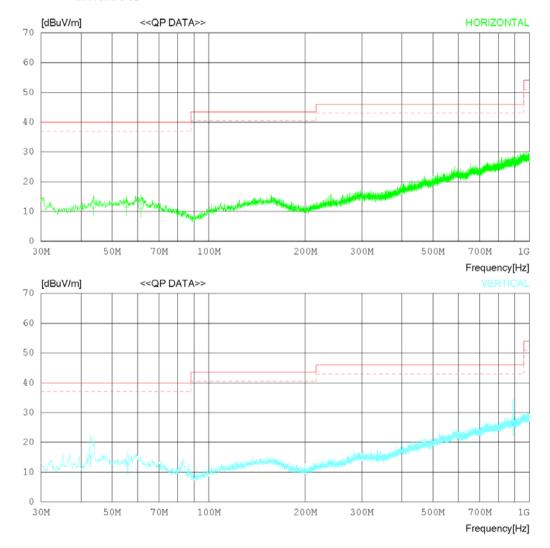
Date 2020-09-26

DTNC2008-06866, 2008-06867

Order No. Power Supply Temp/Humi Test Condition Battery 22 'C 47 %.R.H. Barcode Mode

Memo

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





Date 2020-09-26

FCC ID: SS4EF550

Order No. Power Supply Temp/Humi Test Condition

DTNC2008-06866, 2008-06867

Battery 22 'C 47 %.R.H. Barcode Mode

Memo

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

No	. FREQ	READING OP	ANT FACTOR	LOSS	GAIN	RESULT	LIMIT	MARGIN	ANTENNA	TABLE
	[MHz]	[dBuV]	[dB]	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	[cm]	[DEG]
	Horizont	al								
1 2 3	43.701 55.341 61.404	19.50	17.60 18.56 17.90	0.70 0.79 0.85	26.59 26.64 26.67	12.21	40.00 40.00 40.00	27.99 27.79 28.32	100 301 308	354 63 355
	Vertical	L								
4 5 6	42.731 55.948 888.156	23.80 21.10 19.70	17.57 17.77 29.26	0.69 0.79 3.61	26.58 26.65 26.49	13.01	40.00 40.00 46.00	24.52 26.99 19.92	100 203 101	352 0



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

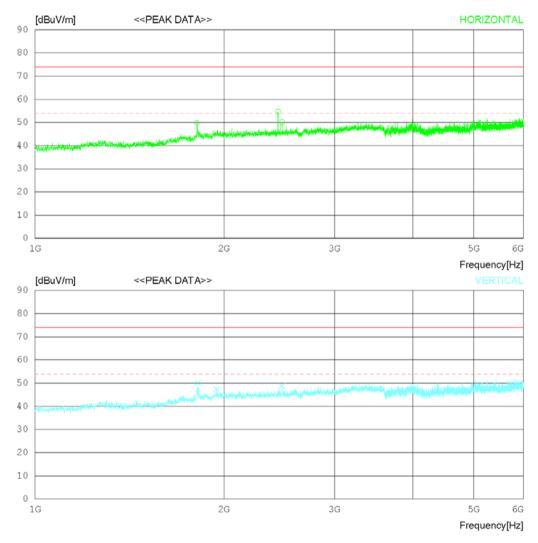
RADIATED EMISSION

Date 2020-09-26

DTNC2008-06866, 2008-06867

Order No. Power Supply Temp/Humi Test Condition Battery 22 'C 47 %.R.H. Barcode Mode

Memo





Report No.: DREFCC2101-0001(1)

Date 2020-09-26

Order No. Power Supply Temp/Humi Test Condition DTNC2008-06866, 2008-06867

Battery 22 'C 47 %.R.H. Barcode Mode

Memo

No	. FREQ	READING PEAK	ANT FACTOR	LOSS	GAIN	RESULT	LIMIT	MARGIN	ANTENNA	TABLE
	[MHz]	[dBuV]	[dB]	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	[cm]	[DEG]
	Horizont	al								
2	1811.250 2438.750 2475.625	50.50	32.20	7.12	35.14	49.81 54.68 50.14	74.0 74.0 74.0	24.19 19.32 23.86	307 214 206	358 102 251
	Vertical	L								
5	1817.500 1946.250 2474.375	44.00	31.68		35.30 35.16 35.15		74.0 74.0 74.0	23.79 26.69 25.17	104 103 102	160 204 151



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

Report No.: DREFCC2101-0001(1)

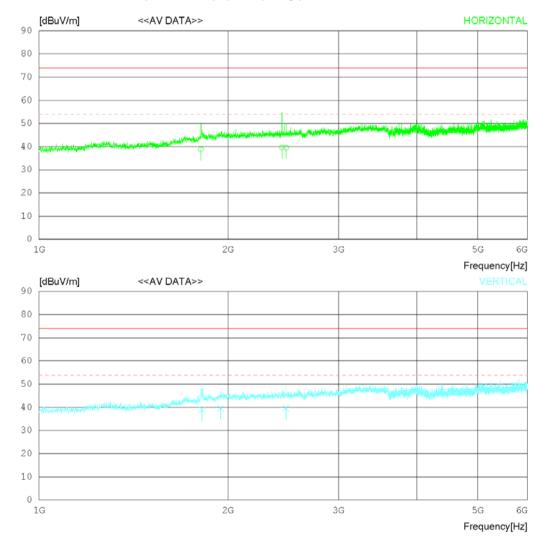
RADIATED EMISSION

Date 2020-09-26

DTNC2008-06866, 2008-06867

Order No. Power Supply Temp/Humi Test Condition Battery 22 'C 47 %.R.H. Barcode Mode

Memo





RADIATED EMISSION

Date 2020-09-26

Order No. Power Supply Temp/Humi Test Condition DTNC2008-06866, 2008-06867

Battery 22 'C 47 %.R.H. Barcode Mode

Memo

No	. FREQ	READING	ANT	LOSS	GAIN	RESULT	LIMIT	MARGIN	ANTENNA	TABLE
	[MHz]	CAV [dBuV]	FACTOR [dB]	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	[cm]	[DEG]
	Horizont	al								
2	1811.221 2438.776 2475.615	35.50	32.20	7.12	35.31 35.14 35.15		54.00 54.00 54.00	15.19 14.32 14.46	307 213 208	355 112 266
	Vertical									
5	1817.557 1946.163 2474.336	36.20		6.79	35.16	38.81 39.51 39.63	54.00 54.00 54.00	15.19 14.49 14.37	105 102 101	178 212 166



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

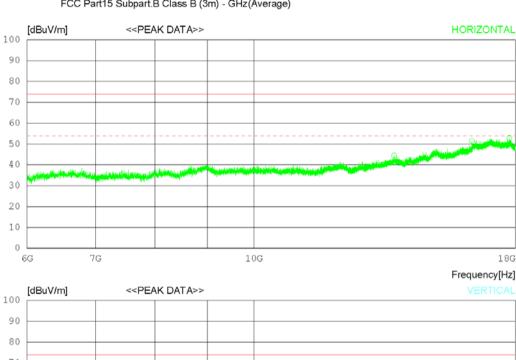
RADIATED EMISSION

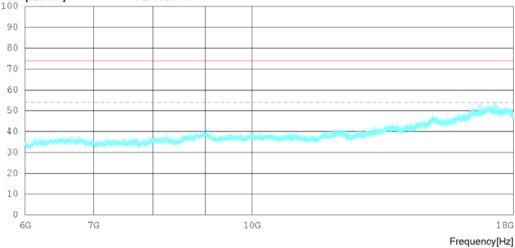
Date 2020-09-26

DTNC2008-06866, 2008-06867

Order No. Power Supply Temp/Humi Test Condition Battery 22 'C 47 %.R.H. Barcode Mode

Memo







RADIATED EMISSION

Date 2020-09-26

Order No. Power Supply Temp/Humi Test Condition

DTNC2008-06866, 2008-06867

Battery 22 'C 47 %.R.H. Barcode Mode

Memo

No	. FREQ F	READING PEAK	ANT FACTOR	LOSS	GAIN	RESULT	LIMIT	MARGIN	ANTENNA	TABLE
	[MHz]	[dBuV]	[dB]	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	[cm]	[DEG]
	Horizonta	al								
2	13701.000 16318.500 17753.250	29.60	36.78	21.29	36.21	44.51 51.46 52.95	74.0 74.0 74.0	29.49 22.54 21.05	102 303 207	356 358 352
	Vertical									
5	9036.750 16705.500 17266.500		37.22	21.94	37.53 36.22 36.72	40.59 52.24 53.19	74.0 74.0 74.0	33.41 21.76 20.81	102 104 201	255 358 358



Report No.: DREFCC2101-0001(1)

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

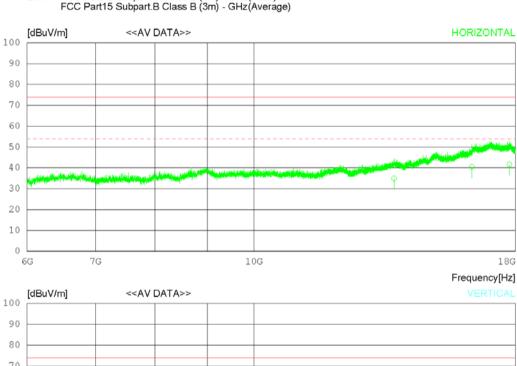
RADIATED EMISSION

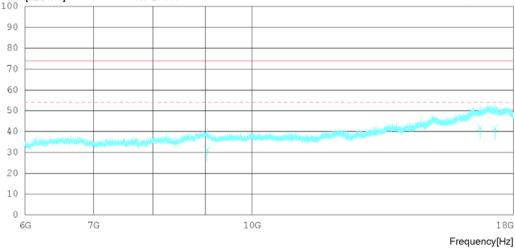
Date 2020-09-26

DTNC2008-06866, 2008-06867

Order No. Power Supply Temp/Humi Test Condition Battery 22 'C 47 %.R.H. Barcode Mode

Memo







Date 2020-09-26

FCC ID: SS4EF550

Order No. Power Supply Temp/Humi Test Condition DTNC2008-06866, 2008-06867

Battery 22 'C 47 %.R.H. Barcode Mode

Memo

No	. FREQ	READING CAV	ANT FACTOR	LOSS	GAIN	RESULT	LIMIT	MARGIN	ANTENNA	TABLE
	[MHz]	[dBuV]	[dB]	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	[cm]	[DEG]
	Horizont	al								
2	13701.14 16318.58 17753.16	0 18.60	36.78	21.30	36.21	40.47	54.00 54.00 54.00	19.08 13.53 12.35	101 301 203	347 352 351
	Vertical									
5	9036.780 16705.44	0 18.80	32.12 37.22 37.76	21.94	36.22	41.74	54.00 54.00	22.71 12.26	101 103 202	263 355 352



Radiated disturbance at (18 ~ 40) GHz _Peak Measurement data Test configuration mode **EUT Operation mode** 6 Test voltage (V) **Test Frequency (Hz) Battery**

Report No.: DREFCC2101-0001(1)

RADIATED EMISSION

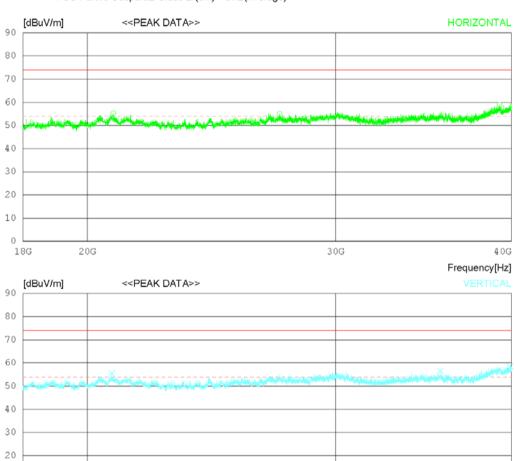
Date 2020-09-26

DTNC2008-06866, 2008-06867

Order No. Power Supply Temp/Humi Test Condition Battery 22 'C 47 %.R.H. Barcode Mode

Memo

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



10 0 18G

20G

30G

40G

Frequency[Hz]



Report No.: DREFCC2101-0001(1)

Date 2020-09-26

Order No. Power Supply Temp/Humi Test Condition DTNC2008-06866, 2008-06867

Battery 22 'C 47 %.R.H. Barcode Mode

Memo

No	. FREQ	READING	ANT	LOSS	GAIN	RESULT	LIMIT	MARGIN	ANTENNA	TABLE
	[MHz]	PEAK [dBuV]	FACTOR	(dB)	[dB]	[dBuV/m]	[dBuV/m]	[dB]	[cm]	[DEG]
	Horizont	al								
2	20865.500 27380.250 39221.750	40.50	45.98	21.51	53.05		74.0 74.0 74.0	18.69 19.06 15.11	205 301 312	1 8 1
	Vertical									
5	20821.500 35616.500 39906.500	38.90	46.98	20.53 24.46 25.01	53.37 53.80 52.20	55.46 56.54 58.52	74.0 74.0 74.0	18.54 17.46 15.48	106 202 209	358 294 67



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

Report No.: DREFCC2101-0001(1)

RADIATED EMISSION

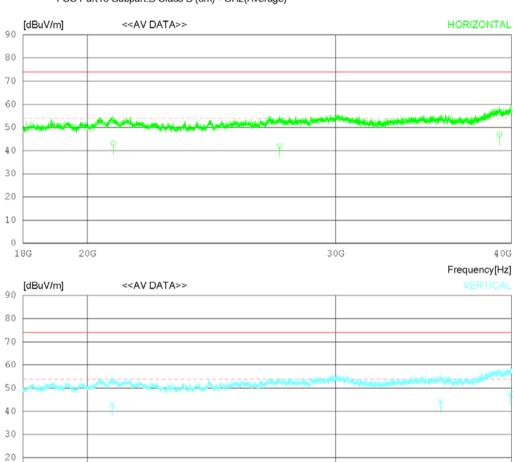
Date 2020-09-26

DTNC2008-06866, 2008-06867

Order No. Power Supply Temp/Humi Test Condition Battery 22 'C 47 %.R.H. Barcode Mode

Memo

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



10 0 18G

20G

30G

40G

Frequency[Hz]



Report No.: DREFCC2101-0001(1)

Date 2020-09-26

Order No. Power Supply Temp/Humi Test Condition DTNC2008-06866, 2008-06867

Battery 22 'C 47 %.R.H. Barcode Mode

Memo

No	FREQ	READING CAV	ANT FACTOR	LOSS	GAIN	RESULT	LIMIT	MARGIN	ANTENNA	TABLE
	[MHz]	[dBuV]	[dB]	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	[cm]	[DEG]
	- Horizont	al								
_	20865.59 27380.31 39221.79	0 27.60	45.98		53.39 53.05 52.24	42.04	54.00 54.00 54.00	10.89 11.96 6.91	204 305 311	0 0 0
	- Vertical									
4 5	20821.589 35616.519	0 26.60	46.98	20.53	53.37 53.80	44.24	54.00 54.00	11.04 9.76	105 203 211	352 303 77



Radiated disturbance at (30 ~ 1000) MHz _Measurement data Test configuration mode **EUT Operation mode** 11 11 Test voltage (V) **Battery Test Frequency (Hz)**

Report No.: DREFCC2101-0001(1)

RADIATED EMISSION

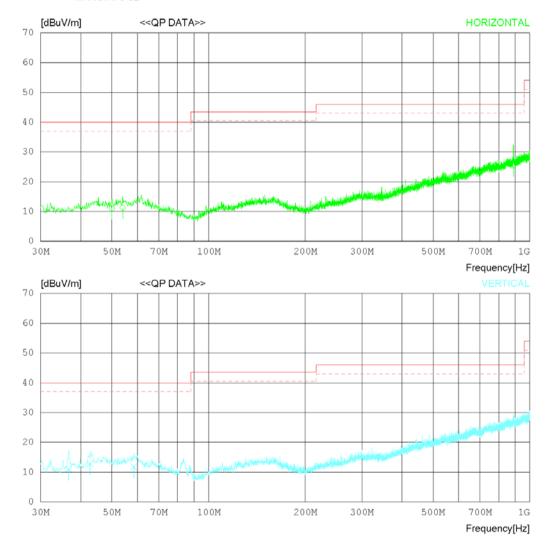
Date 2020-09-26

DTNC2008-06866, 2008-06867

Order No. Power Supply Temp/Humi Test Condition Battery 22 'C 47 %.R.H. LTE 71 Mode

Memo

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





Report No.: DREFCC2101-0001(1)

Date 2020-09-26

Order No. Power Supply Temp/Humi Test Condition

DTNC2008-06866, 2008-06867

Battery 22 'C 47 %.R.H. LTE 71 Mode

Memo

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

No	. FREQ	READING	ANT	LOSS	GAIN	RESULT	LIMIT	MARGIN	ANTENNA	TABLE
	[MHz]	QP [dBuV]	FACTOR [dB]	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	[cm]	[DEG]
	Horizont	al								
1 2 3	50.006 54.008 888.156	18.50	18.30 18.60 29.26	0.78	26.64	2 11.01 11.24 25.48	40.00 40.00 46.00	28.99 28.76 20.52	301 394 203	354 0 288
	Vertical									
4 5 6	36.669 42.731 58.494		16.07 17.57 17.95	0.69	26.58	10.98 12.78	40.00	29.02 27.22 28.19	102 101 203	187 0 336



Radiated disturbance	Radiated disturbance at (1 ~ 6) GHz _Peak Measurement data									
Test configuration mode	11	EUT Operation mode	11							
Test voltage (V)	Battery	Test Frequency (Hz)	_							

Report No.: DREFCC2101-0001(1)

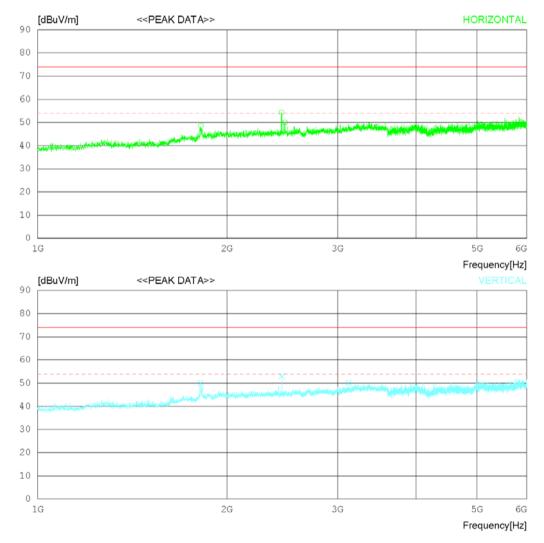
RADIATED EMISSION

Date 2020-09-26

DTNC2008-06866, 2008-06867

Order No. Power Supply Temp/Humi Test Condition Battery 22 'C 47 %.R.H. LTE 71 Mode

Memo





Report No.: DREFCC2101-0001(1)

Date 2020-09-26

Order No. Power Supply Temp/Humi Test Condition DTNC2008-06866, 2008-06867

Battery 22 'C 47 %.R.H. LTE 71 Mode

Memo

No	. FREQ	READING	ANT	LOSS	GAIN	RESULT	LIMIT	MARGIN	ANTENNA	TABLE
	[MHz]	PEAK [dBuV]	FACTOR [dB]	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	[cm]	[DEG]
	Horizont	al								
2	1818.750 2441.875 2473.125	50.10	32.20	7.13		48.53 54.29 50.03	74.0 74.0 74.0	25.47 19.71 23.97	202 214 204	354 313 327
	Vertical									
5	1817.500 2446.250 3126.250	48.80	32.20	7.14		50.01 53.00 50.09	74.0 74.0 74.0	23.99 21 23.91	103 214 103	1 256 198



Radiated disturbance at (1 ~ 6) GHz _ Average Measurement data Test configuration mode **EUT Operation mode** 11 11 Test voltage (V) **Battery Test Frequency (Hz)**

Report No.: DREFCC2101-0001(1)

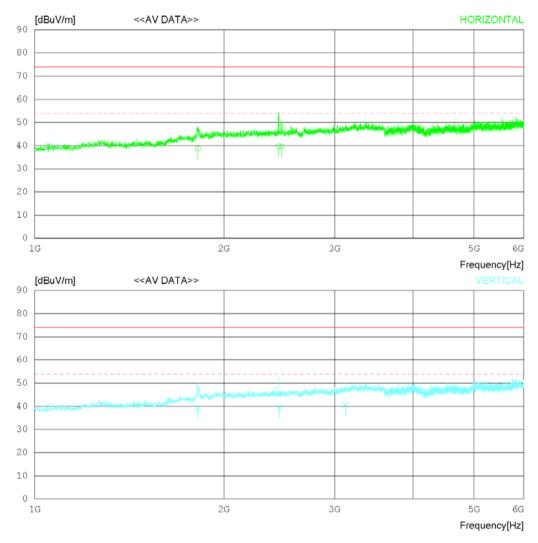
RADIATED EMISSION

Date 2020-09-26

DTNC2008-06866, 2008-06867

Order No. Power Supply Temp/Humi Test Condition Battery 22 'C 47 %.R.H. LTE 71 Mode

Memo





Report No.: DREFCC2101-0001(1)

Date 2020-09-26

Order No. Power Supply Temp/Humi Test Condition

DTNC2008-06866, 2008-06867 Battery

Battery 22 'C 47 %.R.H. LTE 71 Mode

Memo

No	. FREQ	READING	ANT	LOSS	GAIN	RESULT	LIMIT	MARGIN	ANTENNA	TABLE
	[MHz]	CAV [dBuV]	FACTOR [dB]	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	[cm]	[DEG]
	Horizont	al								
2	1818.773 2441.853 2473.263	35.50	32.20	7.13			54.00 54.00 54.00	15.28 14.31 14.37	201 213 206	352 317 332
	Vertical									
5	1817.557 2446.223 3126.219	35.30	30.48 32.20 33.10	7.14	35.30 35.14		54.00 54.00	14.99 14.50 13.31	101 213 105	0 263 203



Radiated disturbance at (6 ~ 18) GHz _Peak Measurement data Test configuration mode **EUT Operation mode** 11 11 Test voltage (V) **Battery Test Frequency (Hz)**

Report No.: DREFCC2101-0001(1)

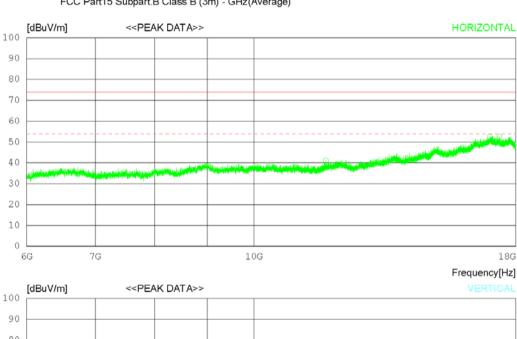
RADIATED EMISSION

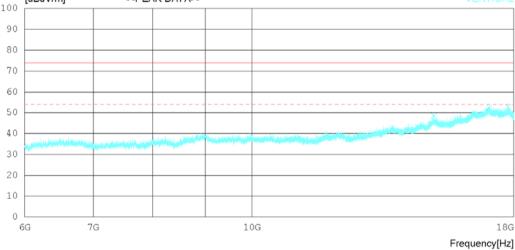
Date 2020-09-26

DTNC2008-06866, 2008-06867

Order No. Power Supply Temp/Humi Test Condition Battery 22 'C 47 %.R.H. LTE 71 Mode

Memo







Report No.: DREFCC2101-0001(1)

Date 2020-09-26

Order No. Power Supply Temp/Humi Test Condition

DTNC2008-06866, 2008-06867 Battery

Battery 22 'C 47 %.R.H. LTE 71 Mode

Memo

No	. FREQ I	READING PEAK	ANT FACTOR	LOSS	GAIN	RESULT	LIMIT	MARGIN	ANTENNA	TABLE
	[MHz]	[dBuV]	[dB]	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	[cm]	[DEG]
	Horizonta	al								
2	11745.000 16981.500 17349.750	27.70 3	37.53	23.65	36.39	52.49	74.0 74.0 74.0	32.92 21.51 21.44	104 209 202	157 326 358
	Vertical									
5	15044.250 17046.000 17769.750	27.80 3	37.59	23.44	36.46	52.37	74.0 74.0 74.0	25.37 21.63 21.43	206 102 105	247 358 351



Radiated disturbance at (6 ~ 18) GHz _ Average Measurement data									
Test configuration mode	11	EUT Operation mode	11						
Test voltage (V) Battery Test Frequency (Hz)									

Report No.: DREFCC2101-0001(1)

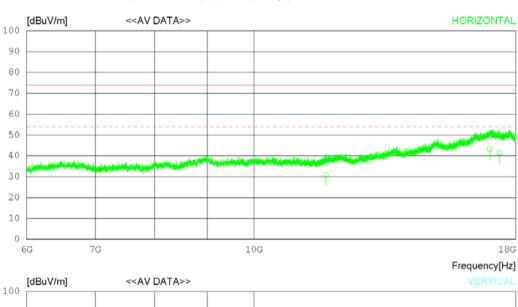
RADIATED EMISSION

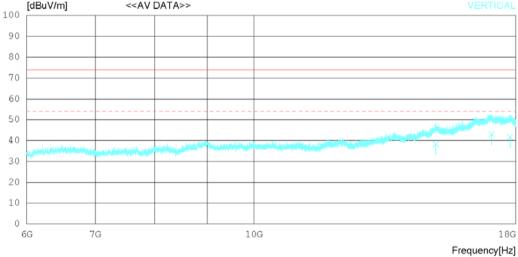
Date 2020-09-26

DTNC2008-06866, 2008-06867

Order No. Power Supply Temp/Humi Test Condition Battery 22 'C 47 %.R.H. LTE 71 Mode

Memo







Report No.: DREFCC2101-0001(1)

Date 2020-09-26

Order No. Power Supply Temp/Humi Test Condition DTNC2008-06866, 2008-06867

Battery 22 'C 47 %.R.H. LTE 71 Mode

Memo

No	. FREQ	READING CAV	ANT FACTOR	LOSS	GAIN	RESULT	LIMIT	MARGIN	ANTENNA	TABLE
	[MHz]	[dBuV]	[dB]	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	[cm]	[DEG]
	Horizont	al								
2	11745.14 16981.56 17349.64	18.50	37.53	15.95 23.65 22.06	38.06 36.39 36.82	43.29	54.00 54.00 54.00	23.12 10.71 12.64	103 211 203	166 231 352
	Vertical									
5	15044.220 17046.140 17769.760	18.50	35.49 37.59 38.14	20.60 23.44 22.76	36.96 36.46 37.43	43.07	54.00 54.00 54.00	15.67 10.93 12.33	203 101 102	255 354 352



Radiated disturbance a	it (18 ~ 40) (GHz _Peak Measurement data	
Test configuration mode	11	EUT Operation mode	11
Test voltage (V)	Battery	Test Frequency (Hz)	-

Report No.: DREFCC2101-0001(1)

RADIATED EMISSION

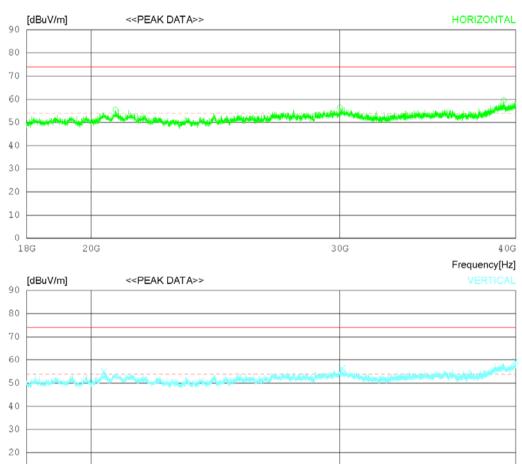
Date 2020-09-26

DTNC2008-06866, 2008-06867

Order No. Power Supply Temp/Humi Test Condition Battery 22 'C 47 %.R.H. LTE 71 Mode

Memo

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



10 0 18G

20G

40G

Frequency[Hz]



Report No.: DREFCC2101-0001(1)

Date 2020-09-26

Order No. Power Supply Temp/Humi Test Condition

DTNC2008-06866, 2008-06867

Battery 22 'C 47 %.R.H. LTE 71 Mode

Memo

No	. FREQ	READING	ANT	LOSS	GAIN	RESULT	LIMIT	MARGIN	ANTENNA	TABLE
	[MHz]	PEAK [dBuV]	FACTOR [dB]	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	[cm]	[DEG]
	Horizont	al								
2	20810.500 30014.750 39227.250	38.80	47.50	22.33	52.20	56.43	74.0 74.0 74.0	18.56 17.57 14.5	103 198 102	353 214 3
	Vertical									
5	20417.250 30119.250 39991.750	38.70	17.50	22.35	52.21			19.1 17.66 14.51	106 200 100	358 358 47



Radiated disturbance at (18 ~ 40) GHz _ Average Measurement data								
Test configuration mode	11	EUT Operation mode	11					
Test voltage (V)	Battery	Test Frequency (Hz)	-					

Report No.: DREFCC2101-0001(1)

RADIATED EMISSION

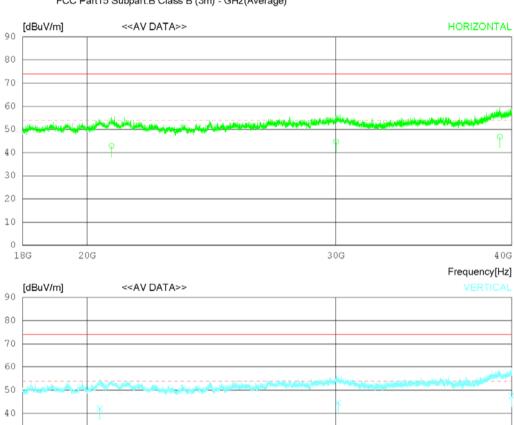
Date 2020-09-26

DTNC2008-06866, 2008-06867

Order No. Power Supply Temp/Humi Test Condition Battery 22 'C 47 %.R.H. LTE 71 Mode

Memo

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



40G

20G



Report No.: DREFCC2101-0001(1)

Date 2020-09-26

Order No. Power Supply Temp/Humi Test Condition

DTNC2008-06866, 2008-06867

Battery 22 'C 47 %.R.H. LTE 71 Mode

Memo

No	. FREQ	READING		LOSS	GAIN	RESULT	LIMIT	MARGIN	ANTENNA	TABLE
	[MHz]	CAV [dBuV]	FACTOR [dB]	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	[cm]	[DEG]
	Horizont	al								
2	20810.58 30014.71 39227.29	0 27.10	47.50	20.50 22.33 25.81	52.20	44.73	54.00 54.00 54.00	11.06 9.27 7.10	102 195 100	246 221 0
	Vertical									
5	20417.28 30119.22 39991.73	0 26.90	47.50	22.35	53.19 52.21	44.54	54.00 54.00	11.90 9.46 6.41	102 203 101	348 352 55



8. Revision History

Date	Description	Revised By	Reviewed By
Jan. 04. 2021	Initial report	ChanGeun Lee	KyoungHwan Bae
Jan. 11. 2021	Delete ICES-003 : 2016, Delete CAN/CSA CISPR 22-10	ChanGeun Lee	KyoungHwan Bae

Report No.: DREFCC2101-0001(1)

⁻End of test report-