

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

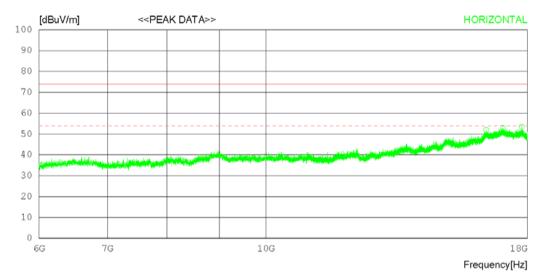
Date 2020-06-22

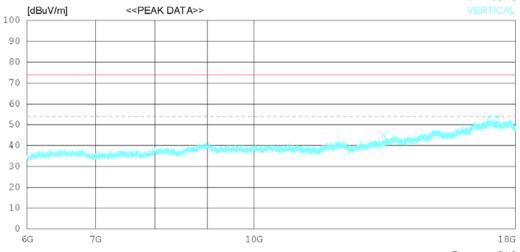
Order No. Power Supply Temp/Humi Test Condition

DTNC2004-03684,DTNC2006-04883 Battery 22 'C 52 % R.H. Barcode Mode

Memo

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







Date 2020-06-22

Order No.DTNC2004-03684,DTNC2006-04883Power SupplyBatteryTemp/Humi22 'C 52 % R.H.Test ConditionBarcode 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	16404.000 17030.250 17770.500	28.20 3	37.57	23.57	36.16 36.44 37.43	52.00 52.90 53.47	74.0 74.0 74.0	22 21.1 20.53	104 101 103	1 349 322
	Vertical									
5	13413.750 16976.250 17295.000	29.20 3	37.52	23.60	37.49 36.39 36.75	44.70 53.93 53.75	74.0 74.0 74.0	29.3 20.07 20.25	109 102 106	312 1 190



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

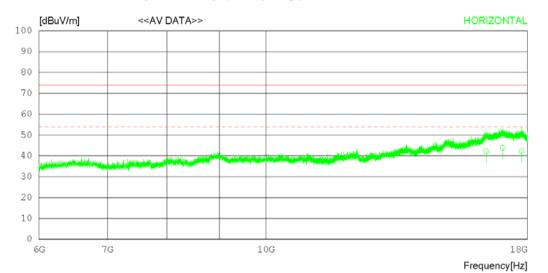
Date 2020-06-22

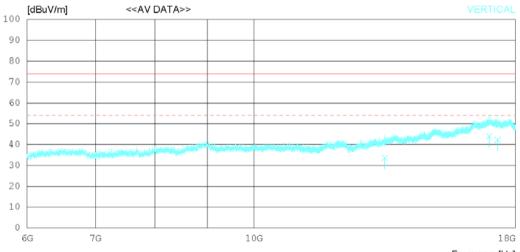
Order No. Power Supply Temp/Humi Test Condition

DTNC2004-03684,DTNC2006-04883 Battery 22 'C 52 % R.H. Barcode Mode

Memo

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







Date 2020-06-22

Order No. Power Supply Temp/Humi Test Condition DTNC2004-03684,DTNC2006-04883 Battery 22 'C 52 % 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	16404.15 17030.20 17770.28	0 19.20	37.57	21.98 23.57 22.76	36.16 36.44 37.43	43.90	54.00 54.00 54.00	11.80 10.10 11.73	100 100 100	0 351 307
	Vertical									
5	13413.63 16976.28 17295.12	0 19.30		17.59 23.60 22.12	37.49 36.39 36.75	44.03	54.00 54.00 54.00	20.40 9.97 11.75	107 101 105	328 0 192



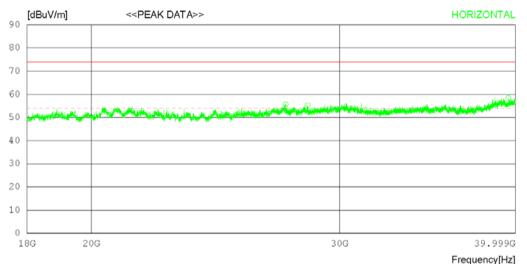
Radiated disturbance at (18 ~ 40) GHz _ Peak Measurement data								
Test configuration mode 3 EUT Operation mode 3								
Test voltage (V) Battery Test Frequency (Hz)								

Date 2020-06-23

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

Memo

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



90	[dBuV/m]	< <peak data="">></peak>	VERTICAL
80			
70			
60			
50	,	CONTRACTOR CONTRACTOR	in Western with the second second
40			
30			
20			
10			
0 18	3G 2	1 20G	30G 39.999G



Date 2020-06-23

DTNC2004-03684, DTNC2006-04883 Battery 22 'C 46 % R.H. Barcode Mode

Memo

Order No.

Power Supply Temp/Humi Test Condition

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	27476.500 28480.250 39543.500	40.004	16.50	21.54	53.02 52.69 52.22	55.67 55.35 58.35	74.0 74.0 74.0	18.33 18.65 15.65	206 205 111	86 136 1
	Vertical									
5	27405.000 30545.500 39219.000	40.00 4	17.40	22.19	53.04 52.23 52.24	55.44 57.36 58.34	74.0 74.0 74.0	18.56 16.64 15.66	106 102 103	358 358 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)								

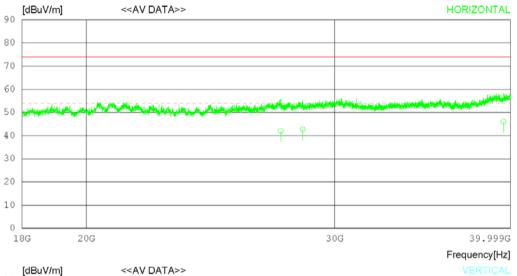
Date 2020-06-23

Order No. Power Supply Temp/Humi Test Condition

DTNC2004-03684, DTNC2006-04883 Battery 22 'C 46 % R.H. Barcode Mode

Memo

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



 VERTICAL

 80

 80

 70

 60

 50

 40

 20

 10

 136

 206

 307

 308

 309

 309

 309

 309

 309

 309

 309

 300

 300

 301

 302

 303

 304

 305

 305



Date 2020-06-23

DTNC2004-03684, DTNC2006-04883 Battery 22 'C 46 % R.H. Barcode Mode

Memo

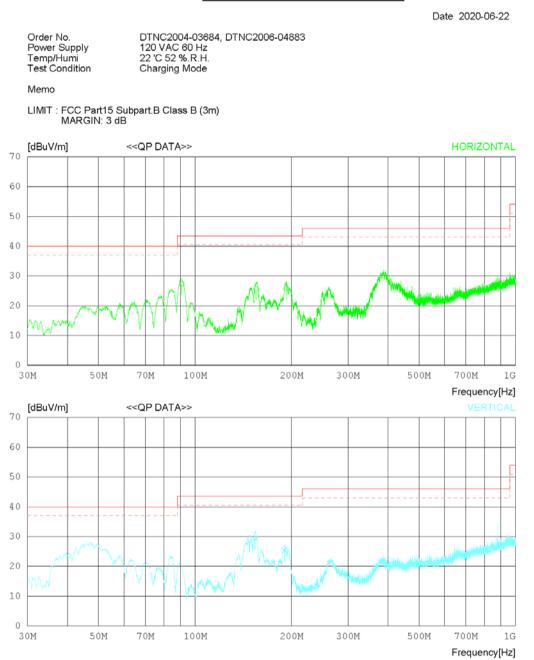
Order No.

Power Supply Temp/Humi Test Condition

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	27476.740 28480.390 39543.410	27.40	46.50	21.19 21.54 24.98	53.02 52.69 52.22	42.75	54.00 54.00 54.00	11.93 11.25 7.95	202 201 109	95 144 0
	Vertical									
5	27405.150 30545.390 39219.290	26.90	47.40	21.18 22.19 25.46	53.04 52.23 52.24	44.26	54.00 54.00 54.00	12.06 9.74 7.76	105 101 104	345 351 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							





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	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								
-	90.867 155.006 192.714	32.20	13.39 18.90 16.44	1.16 1.31 1.60	26.80 26.75 26.66	25.66	43.50 43.50 43.50	16.15 17.84 17.82	205 308 214	72 0 135
	Vertical									
5	148.095 154.036 190.289	35.10 35.80 33.90	18.86 18.90 16.58	1.21 1.30 1.65	26.76 26.75 26.66	29.25	43.50 43.50 43.50	15.09 14.25 18.03	101 100 105	356 207 351



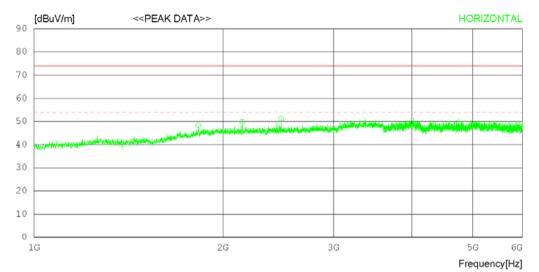
Radiated disturbance at (1 ~ 6) GHz _ Peak Measurement data						
Test configuration mode 4 EUT Operation mode 4						
Test voltage (V) 120 Test Frequency (Hz) 60						

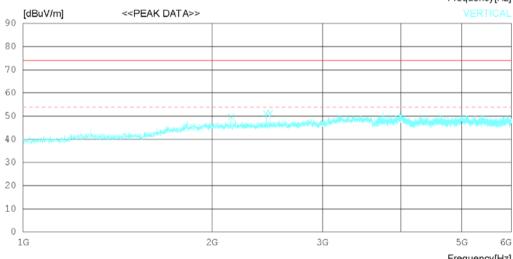
Date 2020-06-22

Order No.
Power Supply
Temp/Humi
Test Condition

DTNC2004-03684,DTNC2006-04883 120 VAC 60 Hz 22 'C 52 %.R.H. Charging Mode

Memo







Date 2020-06-22

DTN	C2004-03684,DTNC2006-04883
	VAC 60 Hz
	52 %.R.H.
Char	rging Mode

Memo

Order No. Power Supply Temp/Humi Test Condition

No	. FREQ	READING AN PEAK FAC		GAIN	RESULT	LIMIT	MARGIN	ANTENNA	TABLE
	[MHz]		TOR B] [dB]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	[cm]	[DEG]
	Horizont	al							
2	1827.500 2146.875 2475.625	10100 0111	1 6.82	34.58 34.43 34.62	48.27 49.90 51.17	74.0 74.0 74.0	25.73 24.1 22.83	206 107 106	80 1 298
	Vertical								
5	2147.500 2441.875 2476.250		0 7.13	34.43 34.60 34.62	49.80 51.23 51.37	74.0 74.0 74.0	24.2 22.77 22.63	102 100 106	358 61 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			

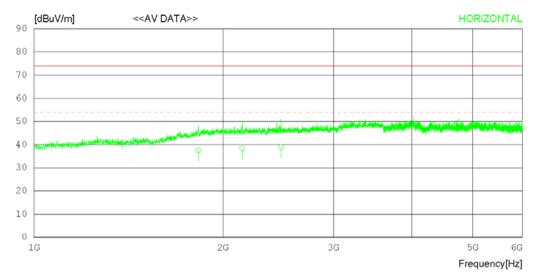
Date 2020-06-22

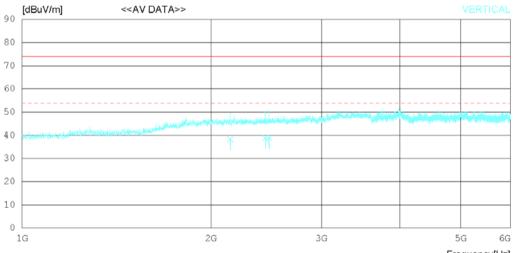
Order No.
Power Supply
Temp/Humi
Test Condition

DTNC2004-03684,DTNC2006-04883 120 VAC 60 Hz 22 'C 52 %.R.H. Charging Mode

Memo

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







Date 2020-06-22

DTNC2004-03684,DTNC2006-04883	1
120 VAC 60 Hz	
22 'C 52 %.R.H.	
Charging Mode	

Memo

Order No. Power Supply Temp/Humi Test Condition

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	1827.498 2146.965 2475.615		30.64 31.71 32.20	7.01 6.82 7.19	34.58 34.43 34.62	38.30	54.00 54.00 54.00	16.43 15.70 15.13	204 106 104	80 0 302
	Vertical									
5	2147.510 2441.925 2476.240	34.20 34.10 34.10	31.70 32.20 32.20	6.82 7.13 7.19	34.43 34.60 34.62	38.83	54.00 54.00 54.00	15.71 15.17 15.13	103 101 105	354 61 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			

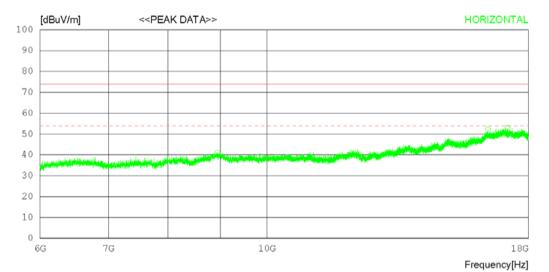
Date 2020-06-22

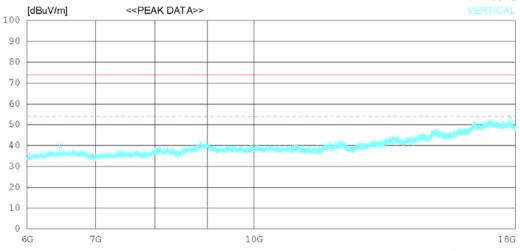
Order No.
Power Supply
Temp/Humi
Test Condition

DTNC2004-03684, DTNC2006-04883 120 VAC 60 Hz 22 'C 52 % R.H. Charging Mode

Memo

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







Date 2020-06-22

DTNC2004-03684,	DTNC2006-04883
120 VAC 60 Hz	
22 'C 52 % R.H.	
Charging Mode	

Memo

Order No. Power Supply Temp/Humi Test Condition

No	. FREQ 1	READING AN'I PEAK FACT		GAIN	RESULT	LIMIT	MARGIN	ANTENNA	TABLE
	[MHz]	PEAK FACI [dBuV] [dB		[dB]	[dBuV/m]	[dBuV/m]	[dB]	[cm]	[DEG]
	Horizonta	al							
2	16435.500	31.20 32.05 29.50 36.91 29.50 37.68	21.94	37.47 36.14 36.60	41.11 52.21 53.03	74.0 74.0 74.0	32.89 21.79 20.97	105 202 206	344 174 1
	Vertical								
5	6453.000 8880.750 17789.250	36.20 31.60 31.70 32.00 30.00 38.16	15.11	38.85 37.43 37.46	41.38	74.0 74.0 74.0	33.8 32.62 20.51	105 102 106	40 221 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				

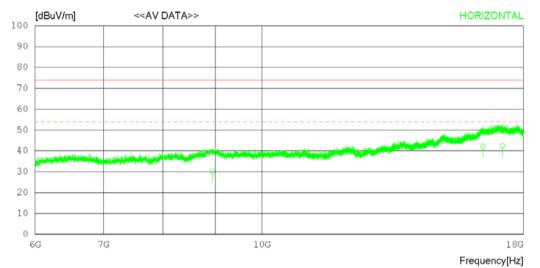
Date 2020-06-22

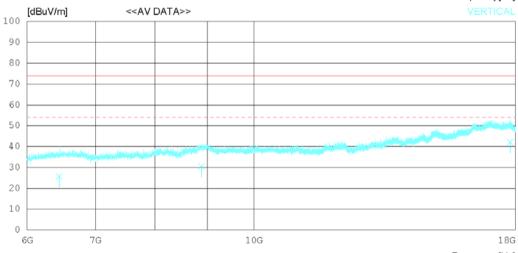
Order No.
Power Supply
Temp/Humi
Test Condition

DTNC2004-03684, DTNC2006-04883 120 VAC 60 Hz 22 'C 52 % R.H. Charging Mode

Memo

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







Date 2020-06-22

DTNC2004-03684, DTNC2006-04883 120 VAC 60 Hz 22 'C 52 % R.H. Charging Mode

Memo

Order No.

Power Supply Temp/Humi

Test Condition

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	8942.196 16435.23 17170.18	0 19.40	36.91	15.33 21.94 22.45	37.47 36.14 36.60	42.11	54.00 54.00 54.00	23.69 11.89 11.57	104 201 205	351 186 0
	Vertical									
5	6453.170 8880.638 17789.13	21.70 20.80 0 18.70	32.00	11.25 15.11 22.79	38.85 37.43 37.46	30.48	54.00 54.00 54.00	28.30 23.52 11.81	104 101 105	56 235 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				

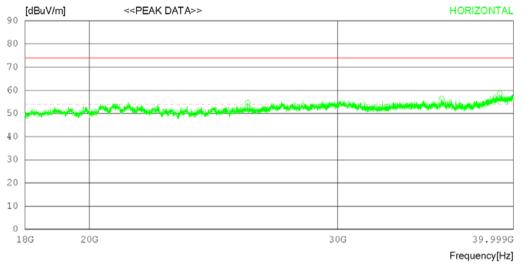
Date 2020-06-23

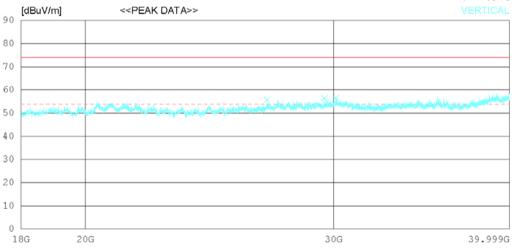
Order No.	
Power Supply	
Temp/Humi	
Test Condition	

DTNC2004-03684, DTNC2006-04883 120 VAC 60 Hz 22 'C 46 % R.H. Charging Mode

Memo

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







Date 2020-06-23

DTNC2004-03684,	DTNC2006-04883
120 VAC 60 Hz	
22 'C 46 % R.H.	
Charging Mode	

Memo

Order No. Power Supply Temp/Humi Test Condition

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	25903.500 35580.750 39111.750	39.10	17.00	24.06	53.53 53.80 52.24	54.67 56.36 58.60	74.0 74.0 74.0	19.33 17.64 15.4	202 206 204	117 1 275
	Vertical									
5	26907.250 29558.250 30119.250	39.40	17.46	21.86	53.21 52.34 52.21	55.81 56.38 56.63	74.0 74.0 74.0	18.19 17.62 17.37	106 102 110	131 354 355



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				

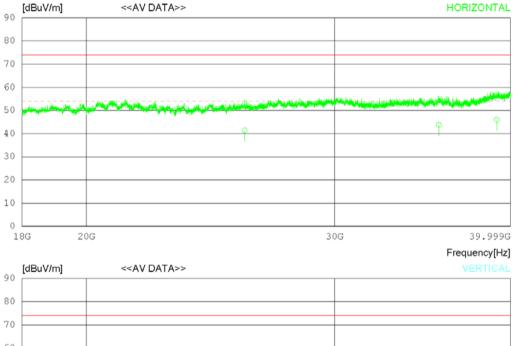
Date 2020-06-23

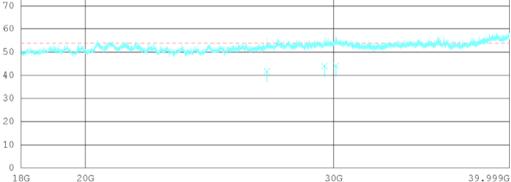
Order No.
Power Supply
Temp/Humi
Test Condition

DTNC2004-03684, DTNC2006-04883 120 VAC 60 Hz 22 'C 46 % R.H. Charging Mode

Memo

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







Date 2020-06-23

DTNC2004-03684, DTNC2006-04883 120 VAC 60 Hz 22 'C 46 % R.H. Charging Mode

Memo

Order No.

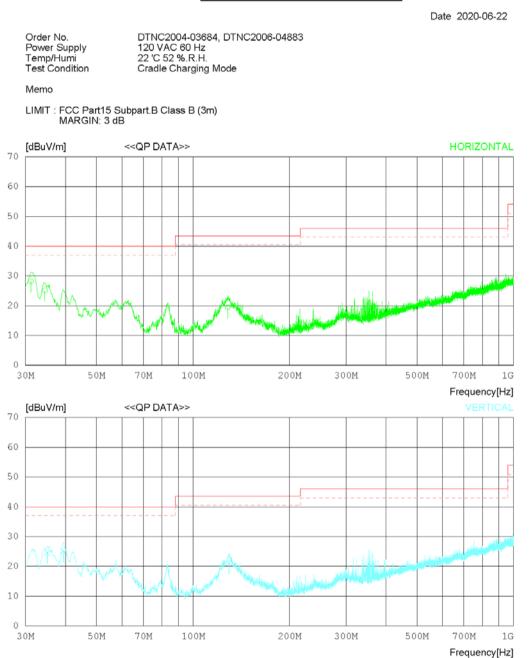
Power Supply Temp/Humi

Test Condition

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	25903.520 35580.630 39111.440	26.50	47.00	21.10 24.06 25.62	53.53 53.80 52.24	43.76	54.00 54.00 54.00	12.63 10.24 8.10	201 204 205	135 0 281
	Vertical									
5	26907.860 29558.360 30119.140	27.10	47.46	21.12 21.86 21.94	53.20 52.34 52.21	44.08	54.00 54.00 54.00	12.28 9.92 9.87	105 101 109	145 347 351



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





Date 2020-06-22

P	Order No. Power Supply Temp/Humi Test Condition			DTNC2004-03684, DTNC2006-04883 120 VAC 60 Hz 22 'C 52 %.R.H. Cradle Charging Mode							
M	lemo										
L		C Part15 Su RGIN: 3 dB	bpart.B C	lass B	(3m)						
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	tal	_								

2	31.213 34.486 128.332	35.30	15.40 15.75 17.82	0.64	26.54	25.15	40.00	11.80 14.85 24.04	101 102 105	324 338 74
	Vertical									
5	35.093 39.458 129.544	34.20		0.67	26.57			15.37 14.90 22.37	100 105 102	356 354 352



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		

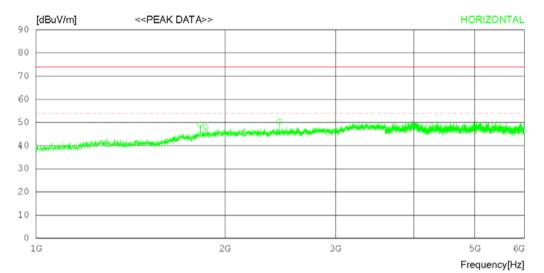
Date 2020-06-22

Order No.
Power Supply
Temp/Humi
Test Condition

DTNC2004-03684,DTNC2006-04883 120 VAC 60 Hz 22 'C 52 %.R.H. Cradle Charging Mode

Memo

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



<<PEAK DATA>> [dBuV/m] 90 80 70 60 50 40 30 20 10 0 1G 2G 3G 5G 6G



Date 2020-06-22

DTNC2004-03684,DTNC2006-04883	
120 VAC 60 Hz	
22 'C 52 %.R.H.	
Cradle Charging Mode	

Memo

Order No. Power Supply Temp/Humi Test Condition

No	. FREQ	READING PEAK	ANT	LOSS	GAIN	RESULT	LIMIT	MARGIN	ANTENNA	TABLE
	[MHz]	[dBuV]	FACTOR [dB]	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	[cm]	[DEG]
	Horizont	al								
2	1826.875 1862.500 2441.875	44.50 3	1.10		34.58 34.53 34.60	49.07 48.01 50.33	74.0 74.0 74.0	24.93 25.99 23.67	105 208 206	1 142 183
	Vertical									
5 6	1826.875 2139.375 2441.875 2475.625	45.40 3 45.90 3	1.72	6.82 7.13	34.58 34.42 34.60 34.62	48.57 49.52 50.63 49.57	74.0 74.0 74.0 74.0	25.43 24.48 23.37 24.43	113 102 108 106	134 334 358



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			

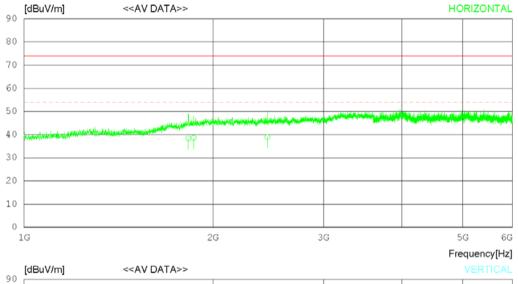
Date 2020-06-22

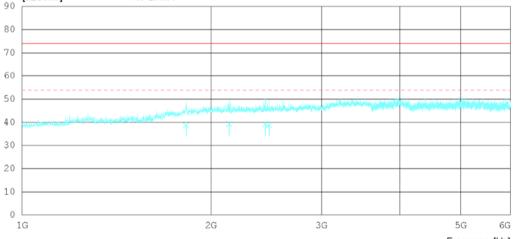
Order No.
Power Supply
Temp/Humi
Test Condition

DTNC2004-03684,DTNC2006-04883 120 VAC 60 Hz 22 'C 52 %.R.H. Cradle Charging Mode

Memo

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







Date 2020-06-22

	TNC2004-03684.DTNC2006-04883
1.	20 VAC 60 Hz
2	2 'C 52 %.R.H.
С	radle Charging Mode

Memo

Order No. Power Supply Temp/Humi Test Condition

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	1826.969 1862.458 2441.823	35.10	30.63 31.10 32.20	7.02 6.94 7.13	34.58 34.53 34.60	38.61	54.00 54.00 54.00	15.63 15.39 15.07	101 211 204	0 158 191
	Vertical									
5 6	1826.995 2139.325 2441.836 2475.515	35.10 34.30	30.63 31.72 32.20 32.20	7.02 6.82 7.13 7.19	34.58 34.42 34.60 34.62	39.22 39.03	54.00 54.00 54.00 54.00	15.33 14.78 14.97 15.13	112 101 107 105	147 341 0 352



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		

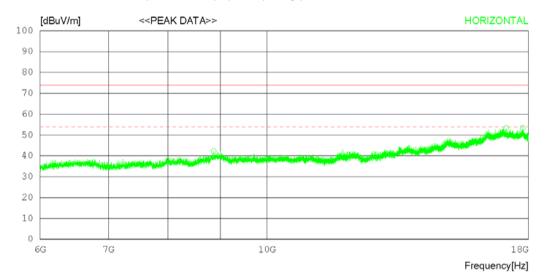
Date 2020-06-22

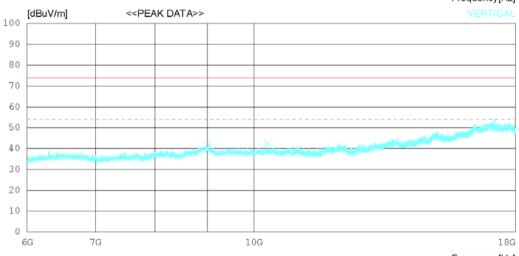
Order No.
Power Supply
Temp/Humi
Test Condition

DTNC2004-03684, DTNC2006-04883 120 VAC 60 Hz 22 'C 52 % R.H. Cradle Charging Mode

Memo

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







Date 2020-06-22

DTNC2004-03684, DTNC2006-04883
120 VAC 60 Hz
22 'C 52 % R.H.
Cradle Charging Mode

Memo

Order No. Power Supply Temp/Humi Test Condition

No	. FREQ 1	READING ANT	1000	GAIN	RESULT	LIMIT	MARGIN	ANTENNA	TABLE
	[MHz]	PEAK FACT [dBuV] [dB		[dB]	[dBuV/m]	[dBuV/m]	[dB]	[cm]	[DEG]
	Horizont	al							
2	17124.750	32.60 31.99 29.40 37.65 29.90 38.14	22.82		53.32	74.0 74.0 74.0	31.77 20.68 20.62	103 101 206	148 1 102
	Vertical								
5		32.20 32.11 32.90 32.51 29.40 37.68	14.72	37.52 37.87 36.60	42.11 42.26 52.99	74.0 74.0 74.0	31.89 31.74 21.01	104 101 103	136 358 318



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				

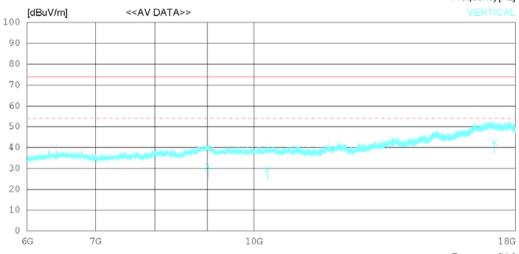
Date 2020-06-22

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

Memo

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







Date 2020-06-22

DTNC2004-03684, DTNC2006-04883 120 VAC 60 Hz 22 'C 52 % R.H. Cradle Charging Mode

Memo

Order No.

Power Supply Temp/Humi

Test Condition

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	8868.520 17124.690 17771.130	19.20	37.65	15.06 22.82 22.76	37.42 36.55 37.43	43.12	54.00 54.00 54.00	23.47 10.88 11.43	102 101 205	156 0 105
	Vertical									
5	9019.420 10304.920 17163.860		32.51	15.30 14.72 22.51	37.52 37.87 36.60	29.76	54.00 54.00 54.00	23.01 24.24 11.31	103 101 102	144 354 321



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				

Date 2020-06-23

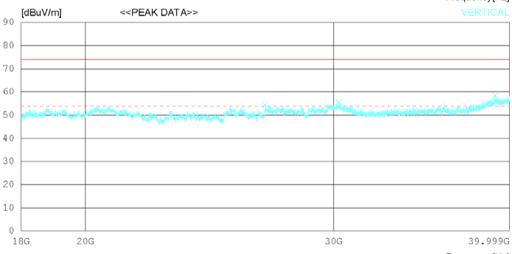
Order No.	
Power Supply	
Temp/Humi	
Test Condition	

DTNC2004-03684, DTNC2006-04883 120 VAC 60 Hz 22 'C 46 % R.H. Cradle Charging Mode

Memo

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







Date 2020-06-23

DTNC2004-03684, DTNC2006-04883
120 VAC 60 Hz
22 'C 46 % R.H.
Cradle Charging Mode

Memo

Order No. Power Supply Temp/Humi Test Condition

No	. FREQ		NT LOSS	GAIN	RESULT	LIMIT	MARGIN	ANTENNA	TABLE
	[MHz]		(dB] [dB]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	[cm]	[DEG]
	Horizont	al							
2	28969.750	0 41.70 45. 0 38.50 46. 0 37.50 49.	80 21.83	53.16 52.53 52.20	53.18 54.60 58.91	74.0 74.0 74.0	20.82 19.4 15.09	212 109 208	345 49 345
	Vertical								
5	30259.500	0 40.60 45. 0 38.20 47. 0 37.30 47.	50 22.03	53.23 52.21 52.25	54.39 55.52 58.39	74.0 74.0 74.0	19.61 18.48 15.61	108 102 106	358 175 134



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				

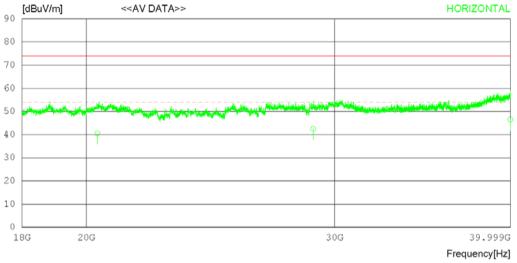
Date 2020-06-23

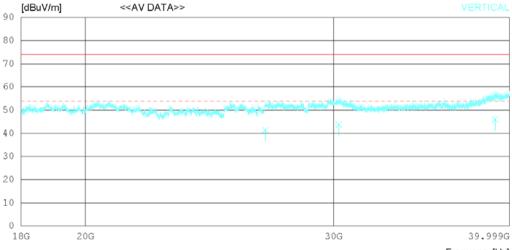
Order No.	
Power Supply	
Temp/Humi	
Test Condition	

DTNC2004-03684, DTNC2006-04883 120 VAC 60 Hz 22 'C 46 % R.H. Cradle Charging Mode

Memo

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







Date 2020-06-23

DTNC2004-03684, DTNC2006-04883 120 VAC 60 Hz 22 'C 46 % R.H. Cradle Charging Mode

Memo

Order No.

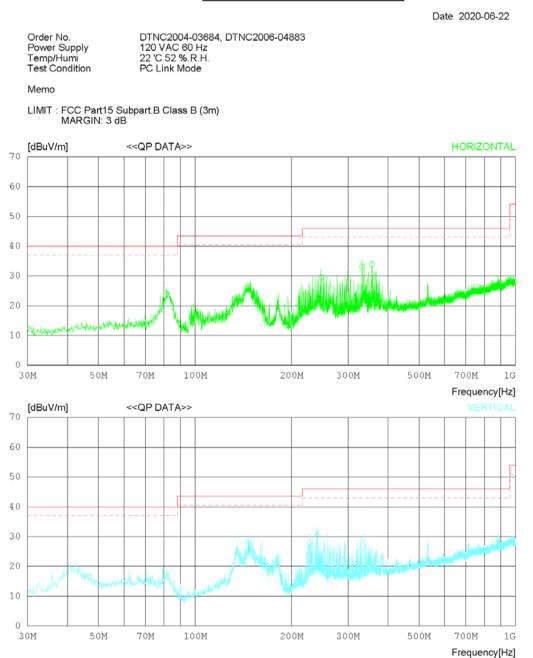
Power Supply Temp/Humi

Test Condition

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	20362.27 28969.63 39989.20	0 26.40	10.00	19.28 21.83 24.33	53.16 52.53 52.20	42.50	54.00 54.00 54.00	13.42 11.50 7.39	211 108 205	348 59 341
	Vertical									
5	26830.14 30259.44 39073.19	0 26.50	47.50	21.12 22.03 25.67	53.23 52.21 52.25	43.82	54.00 54.00 54.00	12.61 10.18 8.01	107 101 105	351 188 146



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





Date 2020-06-22

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

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								
2	247.153 331.783 356.396	36.20 37.60 38.10	18.03 19.84 20.23	1.83 2.22 2.09	26.59 26.52 26.48	33.14	46.00 46.00 46.00	16.53 12.86 12.06	100 105 102	356 10 0
	Vertical									
5	146.761 227.996 240.485	35.20 34.80 37.90	18.84 17.30 18.10	1.22 1.67 1.77	26.77 26.61 26.60	27.16	43.50 46.00 46.00	15.01 18.84 14.83	101 305 204	0 0 183



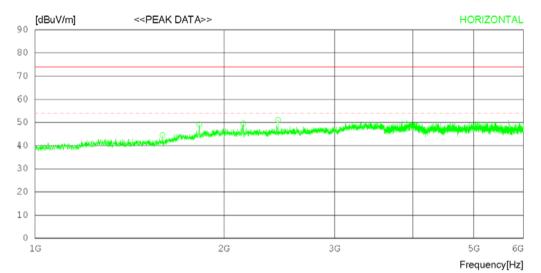
Radiated disturbance at (1 ~ 6) GHz _ Peak Measurement data							
Test configuration mode	6	EUT Operation mode	6				
Test voltage (V)	120	Test Frequency (Hz)	60				

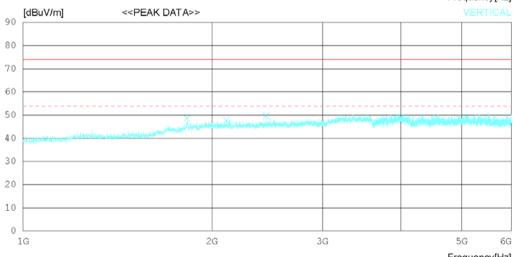
Date 2020-06-22

Order No.
Power Supply
Temp/Humi
Test Condition

DTNC2004-03684, DTNC2006-04883 120 VAC 60 Hz 22 'C 52 %.R.H. PC Link Mode

Memo







Date 2020-06-22

DTNC2004-03684, DTNC2006-04883 Power Supply Temp/Humi 120 VAC 60 Hz 22 'C 52 %.R.H. PC Link Mode Test Condition

Memo

Order No.

No	. FREQ		ANT I	LOSS	GAIN	RESULT	LIMIT	MARGIN 2	ANTENNA	TABLE
	[MHz]	[dBuV]	[dB]	[dB]	[dB]	[dBuV/m]	[dBuV/m]	[dB]	[cm]	[DEG]
	Horizont	al								
2 3	1596.250 1826.875 2146.875 2438.750	46.10 30 45.50 31).63 7	7.02	34.91 34.58 34.43 34.60	44.50 49.17 49.60 51.12	74.0 74.0 74.0 74.0	29.5 24.83 24.4 22.88	198 208 206 202	1 47 1
	Vertical									
	1826.250 2108.125 2438.750	45.60 30 43.60 31 45.00 32	.78 6	5.78	34.58 34.40 34.60	48.66 47.76 49.72	74.0 74.0 74.0	25.34 26.24 24.28	106 104 102	111 185 358



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				

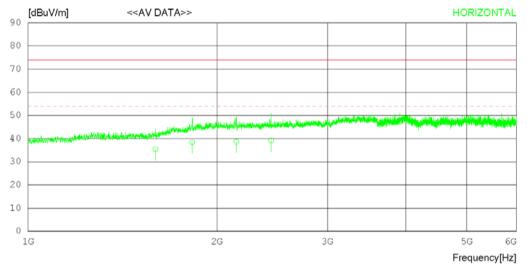
Date 2020-06-22

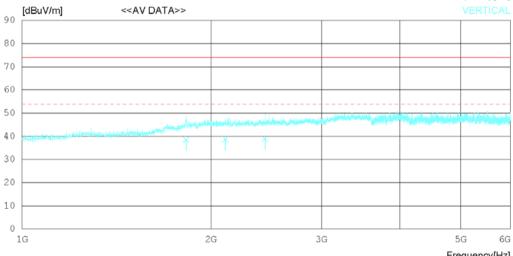
Order No.
Power Supply
Temp/Humi
Test Condition

DTNC2004-03684,DTNC2006-04883 120 VAC 60 Hz 22 'C 52 %.R.H. PC Link Mode

Memo

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







Date 2020-06-22

Order No. Power Supply Temp/Humi Test Condition DTNC2004-03684,DTNC2006-04883 120 VAC 60 Hz 22 'C 52 %.R.H. PC Link 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	1596.150 1826.765 2146.837 2438.567	35.60 35.40 34.60 34.43	27.69 30.63 31.71 32.20	7.02 7.02 6.82 7.12	34.91 34.58 34.43 34.60	38.47 38.70	54.00 54.00 54.00 54.00	18.60 15.53 15.30 14.85	197 206 204 201	0 0 57 0
	Vertical									
5 6 7	1826.210 2108.275 2438.690	34.60	30.62 31.78 32.20	7.02 6.78 7.12	34.59 34.40 34.60	38.76	54.00 54.00 54.00	15.45 15.24 15.08	100 105 101	105 196 351



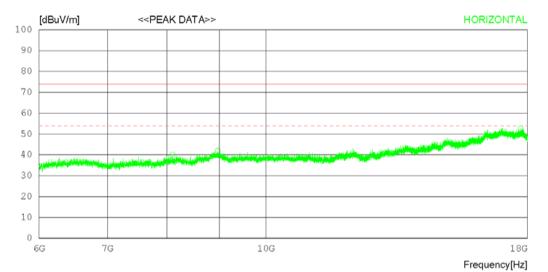
Radiated disturbance at (6 ~ 18) GHz _ Peak Measurement data							
Test configuration mode	6	EUT Operation mode	6				
Test voltage (V)	120	Test Frequency (Hz)	60				

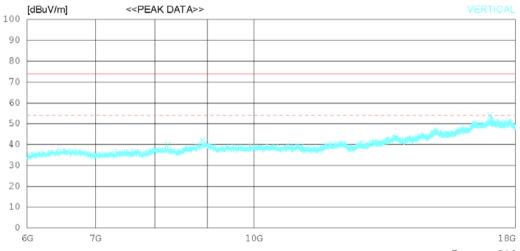
Date 2020-06-22

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

Memo

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







Date 2020-06-22

DTNC2004-03684, DTNC2006-04883 120 VAC 60 Hz 22 'C 52 % R.H. PC Link Mode

Memo

Order No.

Power Supply Temp/Humi

Test Condition

No	. FREQ 1	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	8100.000 8971.500 17727.000	33.00 3 31.90 3 29.30 3	32.08	15.44	37.44 37.48 37.36	40.13 41.94 52.74	74.0 74.0 74.0	33.87 32.06 21.26	108 104 206	358 28 249
	Vertical									
5	8235.000 8901.750 17007.000	32.50 3 32.40 3 29.20 3	32.02	15.19	37.36 37.44 36.41	39.97 42.17 54.10	74.0 74.0 74.0	34.03 31.83 19.9	105 100 106	358 79 1



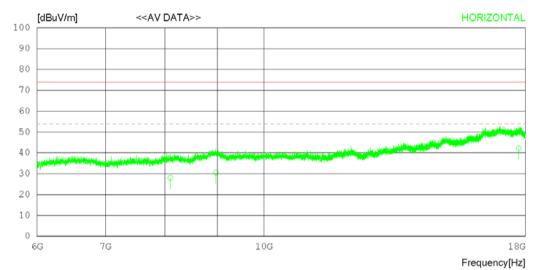
Radiated disturbance at (6 ~ 18) GHz _ Average Measurement data							
Test configuration mode	6	EUT Operation mode	6				
Test voltage (V)	120	Test Frequency (Hz)	60				

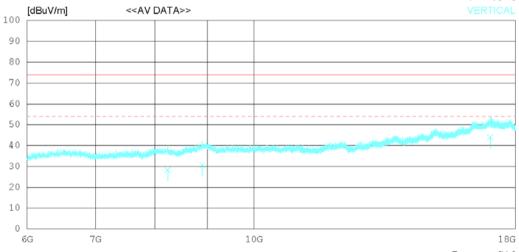
Date 2020-06-22

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

Memo

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







Date 2020-06-22

Order No. Power Supply Temp/Humi Test Condition DTNC2004-03684, DTNC2006-04883 120 VAC 60 Hz 22 'C 52 % R.H. PC Link 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	8100.170 8971.362 17727.270	20.50	01.00	13.19 15.44 22.69	37.44 37.48 37.36	30.54	54.00 54.00 54.00	25.97 23.46 11.86	107 103 205	351 33 252
	Vertical									
5	8235.170 8901.623 17007.270	20.70	• . ·	13.34 15.19 23.75	37.36 37.44 36.41	30.47	54.00 54.00 54.00	25.73 23.53 10.00	102 101 105	351 88 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				

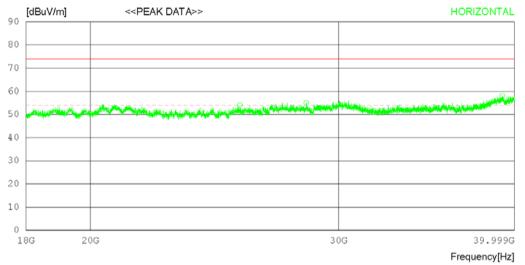
Date 2020-06-23

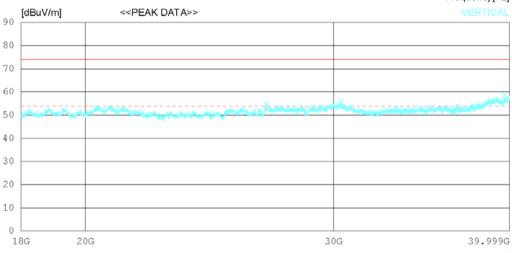
Order No.
Power Supply
Temp/Humi
Test Condition

DTNC2004-03684, DTNC2006-04883 120 VAC 60 Hz 22 'C 46 % R.H. PC Link Mode

Memo

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







Date 2020-06-23

DTNC2004-03684, DTNC2006-04883 120 VAC 60 Hz 22 'C 46 % R.H. PC Link Mode

Memo

Order No.

Power Supply Temp/Humi

Test Condition

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	25537.750 28463.750 39219.000	39.70	16.50		53.64 52.70 52.24	54.02 55.03 58.04	74.0 74.0 74.0	19.98 18.97 15.96	103 206 215	1 1 1
	Vertical									
5	26893.500 30372.250 39689.250	38.40	17.50	22.10	53.21 52.22 52.22	54.81 55.78 58.53	74.0 74.0 74.0	19.19 18.22 15.47	105 105 109	358 358 358



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				

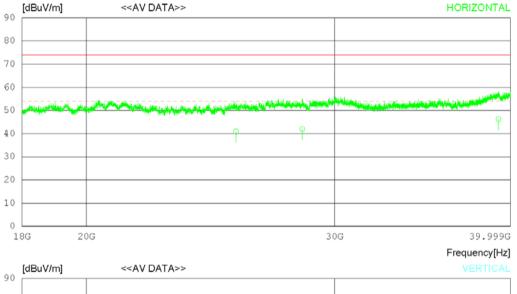
Date 2020-06-23

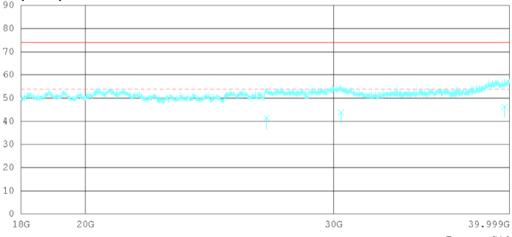
Order No.
Power Supply
Temp/Humi
Test Condition

DTNC2004-03684, DTNC2006-04883 120 VAC 60 Hz 22 'C 46 % R.H. PC Link Mode

Memo

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







Date 2020-06-23

DTNC2004-03684, DTNC2006-04883
120 VAC 60 Hz
22 'C 46 % R.H.
PC Link Mode

Memo

Order No. Power Supply Temp/Humi Test Condition

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

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	25537.720 28463.630 39219.190	26.60		20.96 21.53 25.46	53.64 52.70 52.24	41.93	54.00 54.00 54.00	13.08 12.07 7.76	102 205 211	0 0 0
	Vertical									
5	26893.150 30372.540 39689.350	26.40	47.50	21.12 22.10 24.77	53.21 52.22 52.22	43.78	54.00 54.00 54.00	12.59 10.22 7.67	102 104 108	354 355 351

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-