

TEST REPORT



Dt&C Co., Ltd.

42, Yurim-ro, 154 beon-gil, Cheoin-gu, Yongin-si,
Gyeonggi-do, Korea
Tel : 031-321-2664, Fax : 031-321-1664



1. Report No : DREKFCC2603-0030(1)

2. Customer

- Name : Cobra Electronics Corporation
- Address : 1701 Golf Road Suite 3-900 Rolling Meadows Illinois United States 60008

3. Use of Report : Grant of Certification

4. Product Name / Model Name : Radar detector / RAD 390
(FCC ID : BBOCHEM01)

5. Test Method Used : ANSI C63.4:2014
FCC Part 15 Subpart B
(Radar Detector)

6. Date of Test : Feb. 27. 2026 ~ Mar. 03. 2026

7. Location of Test : ☒ Permanent Testing Lab ☐ On Site Testing
(Address : Refer to the attached)

8. Testing Environment : Temperature (15 ~ 16) °C , Humidity (21 ~ 44) % R.H.

9. Test Result : Refer to the attached Test Result

The results shown in this test report refer only to the sample(s) tested unless otherwise stated.
This laboratory is not accredited for the test results marked. " * "

Affirmation	Tested by	Technical Manager
	Name : DongHeon Kang (Signature)	Name : ChulMin Ji (Signature)

The above test report provides test results for the accredited scope in accordance with
KS Q ISO/IEC 17025 by Korea Laboratory Accreditation Scheme(KOLAS), a signatory to the ILAC-MRA.

Jul. 08. 2026

Dt&C Co., Ltd.

Accredited by KOLAS, Republic of KOREA

If this report is required to confirmation of authenticity, please contact to report@dtnc.net

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1. General Remarks

This report contains the result of tests performed by :

Dt&C Co., Ltd.

42, Yurim-ro, 154 beon-gil, Cheoin-gu, Yongin-si, Gyeonggi-do, Korea

<http://www.dtcn.net>

Tel: +82-31-321-2664 Fax: +82-31-321-1664

2. Test Laboratory

Address of Laboratory

☐	Branch site-1	46, Yurim-ro 154 beon-gil, Cheoin-gu, Yongin-si, Gyeonggi-do, Republic of Korea
☐	Satellite facilities-1	42, Yurim-ro 154 beon-gil, Cheoin-gu, Yongin-si, Gyeonggi-do, Republic of Korea
☒	Satellite facilities-3	38, Yurim-ro 154 beon-gil, Cheoin-gu, Yongin-si, Gyeonggi-do, Republic of Korea
☐	Satellite facilities-4	28, Baengnyeong-ro 20 beon-gil, Cheoin-gu, Yongin-si, Gyeonggi-do, Republic of Korea

Dt&C Co., Ltd. has been accredited / filed / authorized by the agencies listed in the following table;

Certificate	Nation	Agency	Code	Remark
Accreditation	Korea	KOLAS	393	ISO/IEC 17025
	South Africa	SABS	0006	ISO/IEC 17025
	Ghana	NCA	NCA agreement 23 rd , Oct, 2018	-
Site Filing	USA	FCC	KR0034	Designation
			704742	Registration No.
	Canada	IC	KR0034	Designation
	Japan	VCCI	C-11427, R-13385, R-14076, R-14180, R-14496, T-11442, G-10338, G-10754, G-10815, G-20051	Registered
Certification	Korea	KC	KR0034	Designation
	Germany	TUV	CARAT 089112 0013 Rev.00	ISO/IEC 17025
	Russia	RMRS	22.03.01.01196.296	ISO/IEC 17025

Quality control in the testing laboratory is implemented as per ISO/IEC 17025 which is the "General requirements for the competent of calibration and testing laboratory".

3. General Information of EUT

Applicant	Cobra Electronics Corporation 1701 Golf Road Suite 3-900 Rolling Meadows Illinois United States 60008
Manufacturer	BG T&A Co. 5-6F, 153-18, LS-ro, Gunpo-si, Gyeonggi-do, 15808, Rep. of KOREA
Factory	BAEK GEUM PHILIPPINES CORPORATION Unit 1,2 & 3 Orient Goldcrest Calamba Premiere Industrial Park Bldg.1 Lot 1 Block 4 Brgy. Batino, 4027 Calamba City, Laguna, Philippines
Product Name	Radar detector
Model Name	RAD 390
Add Model Name	N/A
Add Model Difference	N/A
Software Version	M0.1.2.2
Hardware Version	REV.C
RF Module Name	N/A
Maximum Internal Frequency	1 1380 MHz
Classification	☐ Class A ☒ Class B
Rated Power	DC 5 V
FCC ID	BBOCHEM01
Remarks	N/A

Related Submittal(s) / Grant(s)
Original submittal only

4. EUT Operations and Test Configurations

4.1 Principle of Configuration Selection

Emission :

The equipment under test (EUT) was configured to measure its highest possible radiation level.
The test modes were adapted accordingly in reference to the instructions for use.
For each testing mode different configurations were used,
Refer to the individual tests.

4.2 EUT Operation Mode

No.	Mode	Description
1	X-BAND	EUT is connected to the adapter via USB C port and is powered. The EUT is in X-BAND signal standby and will check and test it on the front display.
2	K-BAND	The EUT is connected to the adapter via USB C port and is powered. The EUT is in K-BAND signal standby and will check and test it on the front display.
3	Ka-BAND	The EUT is connected to the adapter via USB C port and is powered. The EUT is in Ka-BAND signal standby and will check and test it on the front display.
4	PC LINK	The EUT is connected to the laptop via USB C port and is powered. Tested by checking the log of the EUT with the 'Downloader' program on the laptop.

4.3 Supported Equipment

Used*	Product Type	Model	Manufacturer	Remarks
AE	Laptop	13Z980	LG Electronics Inc.	N/A
AE	Laptop Adapter	ADS-48MSP-19	Shenzhen Honor Electronic Co.,Ltd.	N/A
AE	Adapter	MDY-19-ET	Jiangxi Jian Aohai Technology Co., Ltd	N/A
* Abbreviations: AE: Auxiliary/Associated Equipment, or SIM: Simulator				

4.4 EUT configuration and interconnections

Start		End		Cable	
Device	Port*	Device	Port*	Length (m)	Shielded
<MODE 1~3>					
EUT	USB C	Adapter	USB C	1.6	Non-shielded
Adapter	AC IN	AC MAINS	AC OUT	-	-
<MODE 4>					
EUT	USB C	Laptop	USB C	1.6	Non-shielded
Laptop	DC IN	Laptop Adapter	DC OUT	1.8	Non-shielded
Laptop Adapter	AC IN	AC MAINS	AC OUT	-	-

4.5 EUT In/Output Port

Name	Type*	Cable Max. >3 m	Cable Shielded	Cable Backshell	Remarks
USB	USB C	1.6	Non-shielded	Plastic	Adapter or Laptop
* Abbreviations: AC: AC power port DC: DC power port N/E: None-Eletrical I/O: Signal input or output port TP: Telecommunication port					

4.6 Test Voltage and Frequency

Case	Phases	Voltage (V)	Frequency (Hz)	Remarks
1	AC Input 1 phase	120	60	N/A

5. Test Summary

Test Items	Applied Standards	Results
Conducted Emissions	ANSI C63.4: 2014	C
Radiated Emissions	ANSI C63.4: 2014	C
Antenna Power Conduction	ANSI C63.4: 2014	N/A (Note 1)
C=Comply N/C=Not Comply N/T=Not Tested N/A=Not Applicable		
(Note 1) Excluded from the test because there is no port for the above test in the EUT.		

The data in this test report are traceable to the national or international standards.

Measurement Uncertainty	
Test Items	$U (k = 2)$
Conducted Emissions (150 kHz ~ 30 MHz)	Mains : 3.4 dB Signal : 6.0 dB
Radiated Emissions (3m)	Below 1 GHz : 5.82 dB Above 1 GHz : 7.20 dB
Radiated Emissions (10m)	Below 1 GHz : 5.8 dB
Antenna Power Conduction	N/A

- Conducted Emissions

Frequency [MHz]	Phase	Result [dB μ V]	Detector	Limit [dB μ V]	Margin [dB]
0.187	Neutral	43.75	Quasi - Peak	64.19	20.44

- Radiated Emissions

Frequency [MHz]	Pol.	Result [dB μ V/m]	Detector	Limit [dB μ V/m]	Margin [dB]
4,400.073	VERTICAL	43.36	Cispr-Average	54.00	10.64

- Antenna Power Conduction

Frequency [MHz]	Result [dB μ V/m]	Detector	Limit [dB μ V/m]	Margin [dB]
-	-	-	-	-

6. Test Environment

Test Items	Test date (YYYY-MM-DD)	Temp. (°C)	Humidity (% R.H.)	Pressure (kPa)
Conducted Emissions	2026-03-03	15	44	100.6
Radiated Emissions	2026-02-27	16	21	-

7. Test Results : Emission

7.1 Conducted Emissions

ANSI C63.4	Conducted Emissions		Result
<u>Method:</u> The AMN placed 0,8 m from the boundary of the unit under test and bonded to a ground reference plane. This distance was between the closest points of the AMN and the EUT. All other units of the EUT and associated equipment were at least 0,8 m from the AMN. All power was connected to the system through Artificial Mains Network (AMN). Conducted voltage measurements on mains lines were made at the output of the AMN. The measuring port of the LISN for EUT was connected to spectrum analyzer. Using conducted emission test software, the emissions were scanned with peak detector mode. After scanning over the frequency range, suspected emissions were selected to perform final measurement. When performing final measurement, the receiver was used which has Quasi-Peak detector and CISPR Average detector. For (0.15 ~ 30) MHz frequency range, Quasi-Peak detector with 10 kHz RBW and 30 kHz VBW was used. By varying the configuration of the test sample and the cable routing it was attempted to maximize the emission.			Comply
Fully configured sample scanned over the following frequency range	Frequency range on each side of line	Measurement Point	
	150 kHz to 30 MHz	Mains	
EUT mode (Refer to clauses 4)	EUT Operation mode	1 ~ 4	
Limits – Class A			
Frequency (MHz)	Limit (dBµV)		
	Quasi-Peak	Average	
0.15 to 0.50	79	66	
0.50 to 30	73	60	
Limits – Class B			
Frequency (MHz)	Limit (dBµV)		
	Quasi-Peak	Average	
0.15 to 0.50	66 to 56	56 to 46	
0.50 to 5	56	46	
5 to 30	60	50	

Measurement Instrument					
Description	Model	Manufacturer	Identifier	Cal. Due Date	Cal. Cycle
EMI TEST RECEIVER	ESW8	ROHDE&SCHWARZ	103407	2026-07-10	1 YEAR
TWO-LINE V-NETWORK	ENV216	ROHDE&SCHWARZ	101979	2026-11-26	1 YEAR
PULSE LIMITER	ESH3-Z2	ROHDE&SCHWARZ	103297	2026-07-08	1 YEAR
CABLE	L-5D2V	CANARE	N/A	2026-06-12	1 YEAR

Calculation

N : Neutral phase, L1 : Live phase
C.FACTOR(dB) : Pulse Limiter(dB) + Cable loss(dB) + Insertion loss of LISN(dB)
Result(dBμV) : Reading Value(dBμV) + C.FACTOR(dB)
Margin(dB) : Limit(dBμV) - Result(dBμV)

Conducted disturbance at mains terminal _ Measurement data

EUT operation mode			1
Test voltage (V)	AC 120	Test frequency (Hz)	60

Date 2026-03-03

Order No. DTNC2601-00634
Power Supply AC 120 V 60 Hz
Temp/Humi/Atm 15 'C 44 % R.H. 100.6 kPa
Test Condition X-BAND

Memo

LIMIT : FCC Part.15 B_CLASS B_AV
FCC Part.15 B_CLASS B_QP

Lisn Factor

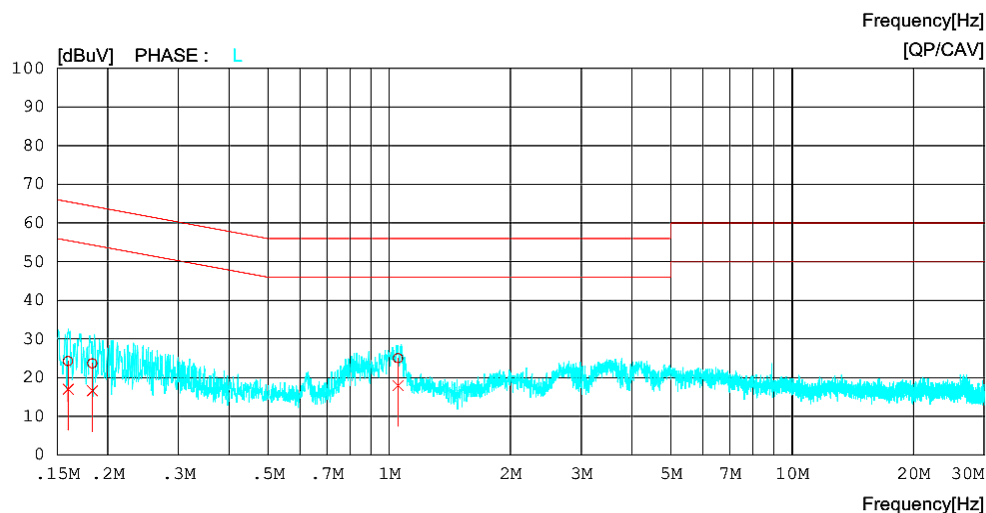
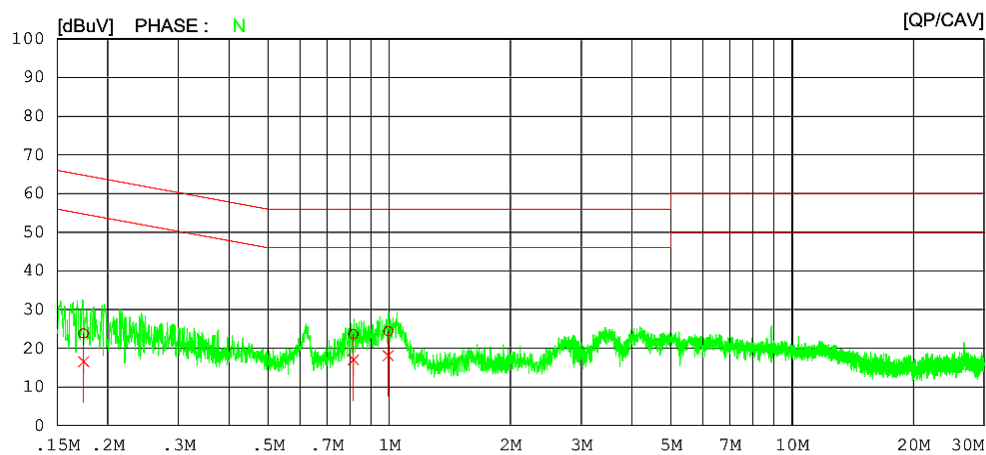
1. EMC-438_ENV216_101979_2025.11.27_N_150k_ON
2. EMC-438_ENV216_101979_2025.11.27_L_150k_ON

Cable Loss

1. C1_LISN TO RECEIVER_0.009-30MHz_2025-06-13

Pulse Limiter

1. EMC-667_ESH3-Z2_103297_2025.07.09



Date 2026-03-03

Order No. DTNC2601-00634
Power Supply AC 120 V 60 Hz
Temp/Humi/Atm 15 'C 44 % R.H. 100.6 kPa
Test Condition X-BAND

Memo

LIMIT : FCC Part.15 B_CLASS B_AV
FCC Part.15 B_CLASS B_QP

Lisn Factor

1. EMC-438_ENV216_101979_2025.11.27_N_150k_ON
 2. EMC-438_ENV216_101979_2025.11.27_L_150k_ON
- Cable Loss
1. C1_LISN TO RECEIVER_0.009-30MHz_2025-06-13
- Pulse Lmitter
1. EMC-667_ESH3-Z2_103297_2025.07.09

NO	FREQ [MHz]	READING		C.FACTOR [dB]	RESULT		LIMIT		MARGIN		PHASE
		QP [dBuV]	CAV [dBuV]		QP [dBuV]	CAV [dBuV]	QP [dBuV]	CAV [dBuV]	QP [dBuV]	CAV [dBuV]	
1	0.17433	3.99	-3.30	19.84	23.83	16.54	64.75	54.75	40.92	38.21	N
2	0.81485	3.74	-2.91	19.90	23.64	16.99	56.00	46.00	32.36	29.01	N
3	0.99392	4.49	-1.84	19.91	24.40	18.07	56.00	46.00	31.60	27.93	N
4	0.15962	4.53	-2.76	19.76	24.29	17.00	65.48	55.48	41.19	38.48	L
5	0.18335	3.83	-3.22	19.84	23.67	16.62	64.33	54.33	40.66	37.71	L
6	1.05122	5.17	-1.91	19.88	25.05	17.97	56.00	46.00	30.95	28.03	L

Conducted disturbance at mains terminal _ Measurement data			
EUT operation mode			2
Test voltage (V)	AC 120	Test frequency (Hz)	60

Date 2026-03-03

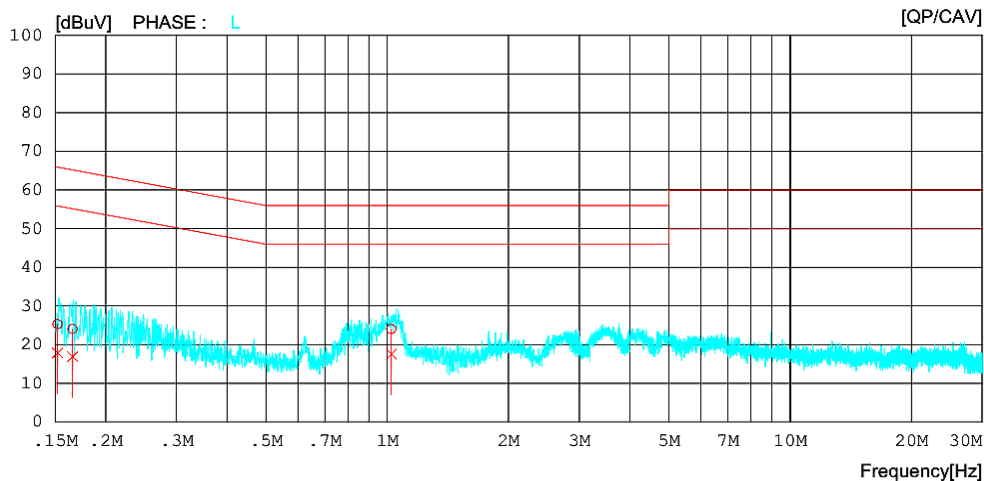
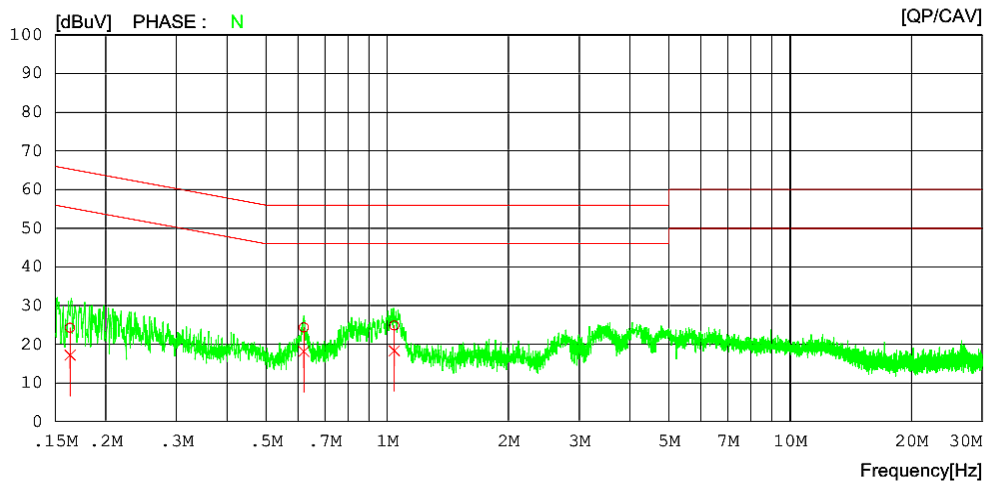
Order No. DTNC2601-00634
Power Supply AC 120 V 60 Hz
Temp/Humi/Atm 15 'C 44 % R.H. 100.6 kPa
Test Condition K-BAND

Memo

LIMIT : FCC Part.15 B_CLASS B_AV
FCC Part.15 B_CLASS B_QP

Lisn Factor

1. EMC-438_ENV216_101979_2025.11.27_N_150k_ON
 2. EMC-438_ENV216_101979_2025.11.27_L_150k_ON
- Cable Loss
1. C1_LISN TO RECEIVER_0.009-30MHz_2025-06-13
Pulse Lmitter
1. EMC-667_ESH3-Z2_103297_2025.07.09



Date 2026-03-03

Order No. DTNC2601-00634
Power Supply AC 120 V 60 Hz
Temp/Humi/Atm 15 'C 44 % R.H. 100.6 kPa
Test Condition K-BAND

Memo

LIMIT : FCC Part.15 B_CLASS B_AV
FCC Part.15 B_CLASS B_QP

Lisn Factor

1. EMC-438_ENV216_101979_2025.11.27_N_150k_ON
 2. EMC-438_ENV216_101979_2025.11.27_L_150k_ON
- Cable Loss
1. C1_LISN TO RECEIVER_0.009-30MHz_2025-06-13
- Pulse Lmitter
1. EMC-667_ESH3-Z2_103297_2025.07.09

NO	FREQ [MHz]	READING		C.FACTOR [dB]	RESULT		LIMIT		MARGIN		PHASE
		QP [dBuV]	CAV [dBuV]		QP [dBuV]	CAV [dBuV]	QP [dBuV]	CAV [dBuV]	QP [dBuV]	CAV [dBuV]	
1	0.16326	4.44	-2.64	19.82	24.26	17.18	65.30	55.30	41.04	38.12	N
2	0.62055	4.36	-1.87	19.99	24.35	18.12	56.00	46.00	31.65	27.88	N
3	1.04100	4.92	-1.55	19.89	24.81	18.34	56.00	46.00	31.19	27.66	N
4	0.15200	5.56	-1.83	19.71	25.27	17.88	65.89	55.89	40.62	38.01	L
5	0.16548	4.31	-2.89	19.80	24.11	16.91	65.18	55.18	41.07	38.27	L
6	1.02403	4.12	-2.32	19.90	24.02	17.58	56.00	46.00	31.98	28.42	L

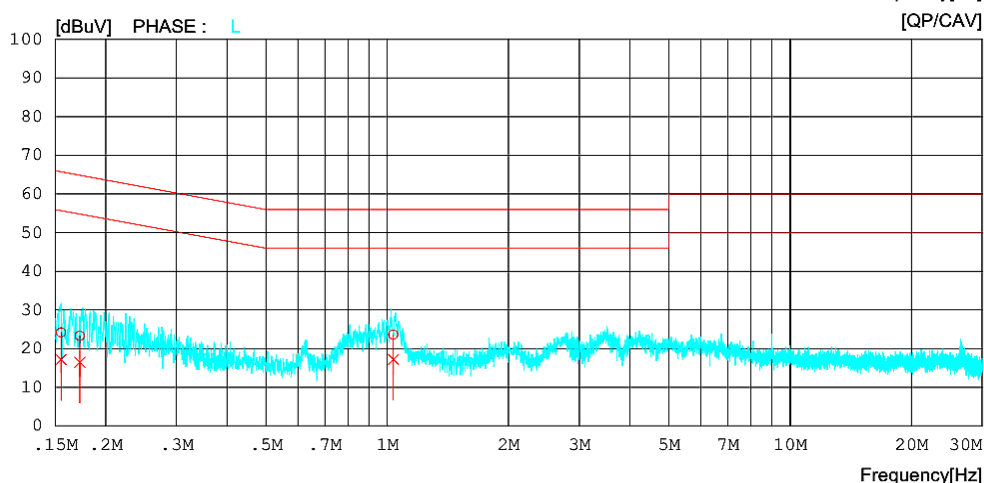
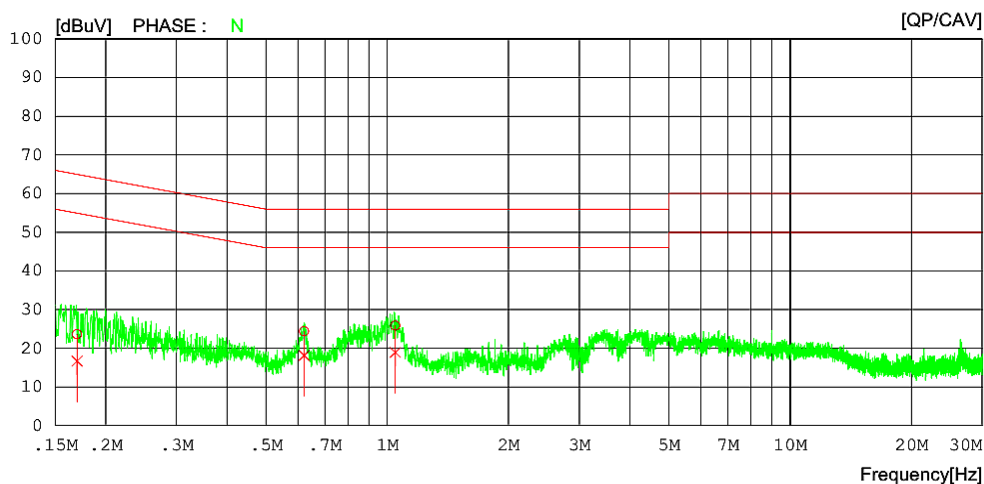
Conducted disturbance at mains terminal _ Measurement data			
EUT operation mode			3
Test voltage (V)	AC 120	Test frequency (Hz)	60

Date 2026-03-03

Order No. DTNC2601-00634
Power Supply AC 120 V 60 Hz
Temp/Humi/Atm 15 'C 44 % R.H. 100.6 kPa
Test Condition Ka-BAND

LIMIT : FCC Part.15 B_CLASS B_AV
FCC Part.15 B_CLASS B_QP

Lisn Factor
1. EMC-438_ENV216_101979_2025.11.27_N_150k_ON
2. EMC-438_ENV216_101979_2025.11.27_L_150k_ON
Cable Loss
1. C1_LISN TO RECEIVER_0.009-30MHz_2025-06-13
Pulse Lmitter
1. EMC-667_ESH3-Z2_103297_2025.07.09



Date 2026-03-03

Order No. DTNC2601-00634
Power Supply AC 120 V 60 Hz
Temp/Humi/Atm 15 'C 44 % R.H. 100.6 kPa
Test Condition Ka-BAND

LIMIT : FCC Part.15 B_CLASS B_AV
FCC Part.15 B_CLASS B_QP

Lisn Factor
1. EMC-438_ENV216_101979_2025.11.27_N_150k_ON
2. EMC-438_ENV216_101979_2025.11.27_L_150k_ON
Cable Loss
1. C1_LISN TO RECEIVER_0.009-30MHz_2025-06-13
Pulse Lmitter
1. EMC-667_ESH3-Z2_103297_2025.07.09

NO	FREQ [MHz]	READING		C.FACTOR [dB]	RESULT		LIMIT		MARGIN		PHASE
		QP [dBuV]	CAV [dBuV]		QP [dBuV]	CAV [dBuV]	QP [dBuV]	CAV [dBuV]	QP [dBuV]	CAV [dBuV]	
1	0.16974	3.85	-3.14	19.82	23.67	16.68	64.97	54.97	41.30	38.29	N
2	0.62150	4.40	-1.84	19.99	24.39	18.15	56.00	46.00	31.61	27.85	N
3	1.04759	5.96	-0.98	19.89	25.85	18.91	56.00	46.00	30.15	27.09	N
4	0.15487	4.50	-2.51	19.73	24.23	17.22	65.73	55.73	41.50	38.51	L
5	0.17250	3.50	-3.33	19.83	23.33	16.50	64.84	54.84	41.51	38.34	L
6	1.03579	3.78	-2.65	19.89	23.67	17.24	56.00	46.00	32.33	28.76	L

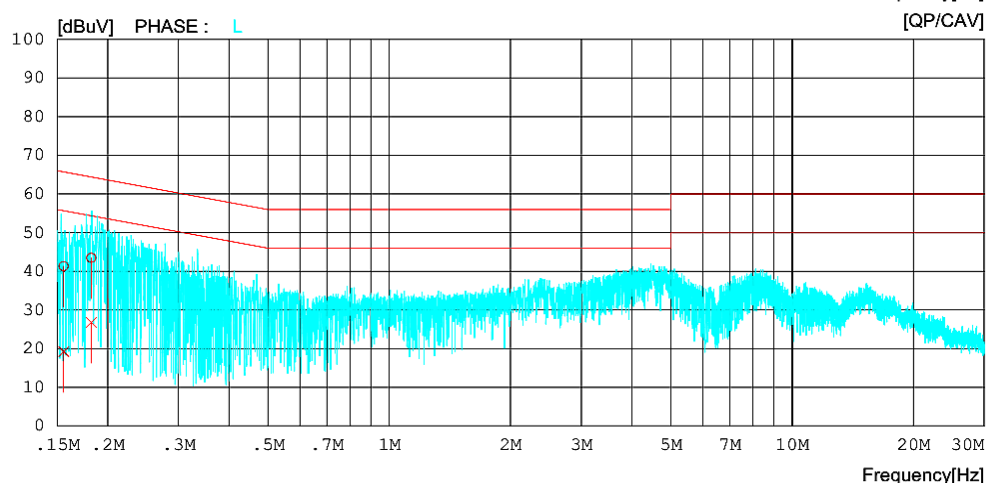
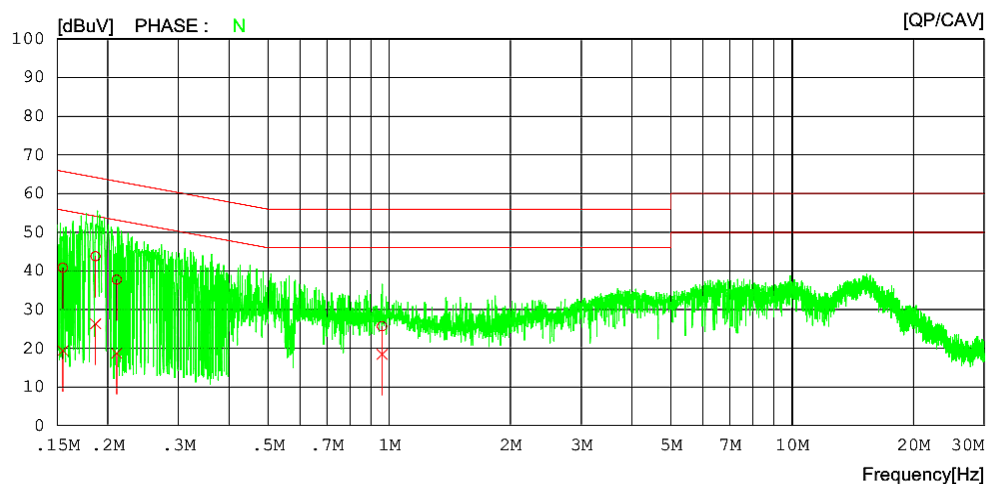
Conducted disturbance at mains terminal _ Measurement data			
EUT operation mode			4
Test voltage (V)	AC 120	Test frequency (Hz)	60

Date 2026-03-03

Order No. DTNC2601-00634
Power Supply AC 120 V 60 Hz
Temp/Humi/Atm 15 °C 44 % R.H. 100.6 kPa
Test Condition PC LINK

LIMIT : FCC Part.15 B_CLASS B_AV
FCC Part.15 B_CLASS B_QP

Lisn Factor
1. EMC-438_ENV216_101979_2025.11.27_N_150k_ON
2. EMC-438_ENV216_101979_2025.11.27_L_150k_ON
Cable Loss
1. C1_LISN TO RECEIVER_0.009-30MHz_2025-06-13
Pulse Lmitter
1. EMC-667_ESH3-Z2_103297_2025.07.09



Date 2026-03-03

Order No. DTNC2601-00634
Power Supply AC 120 V 60 Hz
Temp/Humi/Atm 15 'C 44 % R.H. 100.6 kPa
Test Condition PC LINK

LIMIT : FCC Part.15 B_CLASS B_AV
FCC Part.15 B_CLASS B_QP

Lisn Factor
1. EMC-438_ENV216_101979_2025.11.27_N_150k_ON
2. EMC-438_ENV216_101979_2025.11.27_L_150k_ON
Cable Loss
1. C1_LISN TO RECEIVER_0.009-30MHz_2025-06-13
Pulse Lmitter
1. EMC-667_ESH3-Z2_103297_2025.07.09

NO	FREQ [MHz]	READING		C.FACTOR [dB]	RESULT		LIMIT		MARGIN		PHASE
		QP [dBuV]	CAV [dBuV]		QP [dBuV]	CAV [dBuV]	QP [dBuV]	CAV [dBuV]	QP [dBuV]	CAV [dBuV]	
1	0.15471	20.99	-0.45	19.81	40.80	19.36	65.74	55.74	24.94	36.38	N
2	0.18659	23.85	6.43	19.90	43.75	26.33	64.19	54.19	20.44	27.86	N
3	0.21050	17.81	-1.22	19.90	37.71	18.68	63.19	53.19	25.48	34.51	N
4	0.95950	5.75	-1.43	19.91	25.66	18.48	56.00	46.00	30.34	27.52	N
5	0.15550	21.59	-0.46	19.74	41.33	19.28	65.70	55.70	24.37	36.42	L
6	0.18220	23.65	6.98	19.84	43.49	26.82	64.38	54.38	20.89	27.56	L

7.2 Radiated Emissions

ANSI C63.4	Radiated Emissions for 30 MHz ~ 40 GHz**			Result
Method: Preliminary (peak) measurements were performed at an antenna to EUT separation distance of 10 meter below 1GHz and 3 meter above 1GHz. The EUT was rotated 360° about its azimuth with the receive antenna located at various heights in horizontal and vertical polarities. Final measurements were then performed by rotating the EUT 360° and adjusting the receive antenna height from 1 to 4 m. All frequencies were investigated in both horizontal and vertical antenna polarity, where applicable. For final measurement below 1 GHz frequency range, Quasi-Peak detector with (RBW = 120 kHz Bandwidth) was used. For final measurement above 1 GHz frequency range, Peak detector with (RBW = 1 MHz Bandwidth) and CISPR Average detector with (RBW = 1 MHz Bandwidth) were used.				Comply
EUT mode (Refer to clauses 4)		EUT Operation mode		1 ~ 4
Radiated Disturbance below 1 000 MHz				
Frequency range (MHz)	Quasi-peak limit dBµV/m			
	Class A		Class B	
	3 m distance	10 m distance	3 m distance	
30 to 88	49.1	39.1	40	
88 to 216	53.5	43.5	43.5	
216 to 960	56.4	46.4	46	
960 to 1 000	59.5	49.5	54	
According to 15.109(g), as an alternative to the radiated emission limit shown above, digital devices may be shown to comply with the standards(CISPR), Pub. 22 shown as below.				
Frequency range (MHz)	Quasi-peak limit (dBµV/m)			
	Class A (10 m distance)		Class B (10 m distance)	
30 to 230	40		30	
230 to 1 000	47		37	
Radiated Disturbance for above 1 000 MHz at a measurement distance of 3 m				
Frequency range (GHz)	Peak limit dBµV/m		Average limit dBµV/m	
	Class A	Class B	Class A	Class B
1 to 40	80	74	60	54
The test frequency range of Radiated Disturbance measurements are listed below.				
Highest frequency generated or used in the device or on which the device operates or tunes (MHz)			Upper frequency of measurement range (MHz)	
Below 108			1 000	
108 – 500			2 000	
500 – 1 000			5 000	
Above 1 000			5 th harmonic of the highest frequency or 40 GHz, whichever is lower	

Measurement Instrument					
Description	Model	Manufacturer	Identifier	Cal. Due Date	Cal. Cycle
EMI TEST RECEIVER	ESW44	ROHDE&SCHWARZ	101645	2026-09-22	1 YEAR
TRILOG BROADBAND TEST-ANTENNA	VULB9160	SCHWARZBECK	9160-3363	2026-10-06	2 YEARS
LOW NOISE PRE AMPLIFIER	MLA-100K01-B01-26	TSJ	1252741	2027-02-11	1 YEAR
ATTENUATOR	8491B	HP	23831	2026-10-06	2 YEARS
HORN ANTENNA	BBHA 9120D	SCHWARZBECK	9120D-1014	2026-07-31	1 YEAR
LOW NOISE PRE AMPLIFIER	MLA-100M18-B01-42	TSJ	1872271	2026-07-31	1 YEAR
HORN ANTENNA	EM-6969	ELECTRO-METRICS	156	2026-12-16	1 YEAR
LOW NOISE PRE AMPLIFIER	MLA-0618-B03-34	TSJ	1785642	2026-12-16	1 YEAR
HORN ANTENNA	3116C	ETS-LINDGREN	00240008	2026-07-31	1 YEAR
LOW NOISE PRE AMPLIFIER	LNAS-50-18004000-33-5P	MITEQ	2210093	2026-07-31	1 YEAR
CABLE(30 MHZ - 1 GHZ)	N/A	JUNFLON	N/A	2026-11-10	1 YEAR
CABLE(30 MHZ - 1 GHZ)	SF 104	HUBER+SUHNER	N/A	2026-11-10	1 YEAR
CABLE(30 MHZ - 1 GHZ)	LMR400	TMS	N/A	2026-11-10	1 YEAR
CABLE(1 GHZ - 18 GHZ)	SF 104	HUBER+SUHNER	N/A	2026-11-10	1 YEAR
CABLE(1 GHZ - 18 GHZ)	SF 104	HUBER+SUHNER	N/A	2026-11-10	1 YEAR
CABLE(1 GHZ - 18 GHZ)	SF 104	HUBER+SUHNER	N/A	2026-11-10	1 YEAR
CABLE(18 GHZ - 40 GHZ)	SF102E	HUBER+SUHNER	N/A	2026-08-21	1 YEAR

(NOTE : THE MEASUREMENT ANTENNAS WERE CALIBRATED IN ACCORDANCE TO THE REQUIREMENTS OF C63.5-2017.)

Calculation

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

Margin(dB) : Limit(dBμV/m) - Result(dBμV/m)

The Site Factor refers to the distance compensation factor.

This chamber was measured at 3 m when measuring 1~6 GHz, and a distance compensation coefficient of 0 dB ($20\log(3/3) = 0$ dB) was applied.

Radiated emissions at (30 ~ 1 000) MHz _ Measurement data

EUT operation mode			1
Test voltage (V)	AC 120	Test frequency (Hz)	60

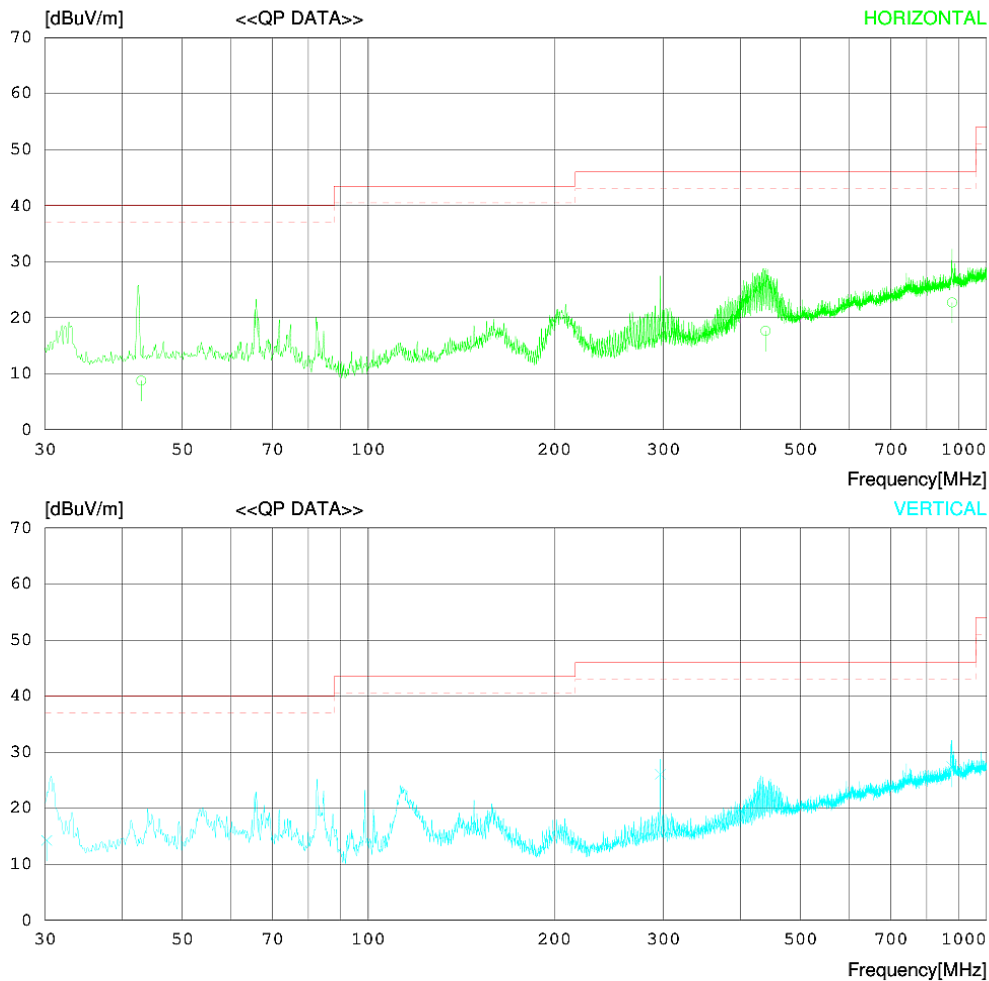
Date 2026-02-27

Order No. DTNC2601-00634
Power Supply AC 120 V 60 Hz
Temp/Humi 16 °C 21 % R.H.
Test Condition X-BAND

Memo

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

Antenna Factor
1. ANT_EMC-309_VULB9160_3363_with ATT_2024-10-07
Cable Loss
1. #24, 25, 26_Assemble_30M-1G_2025_11_11
Pre Amp Gain
1. EMC-110_AMP_MLA-100K01-B01-26_1252741_2026.02.12



Date 2026-02-27

Order No. DTNC2601-00634
Power Supply AC 120 V 60 Hz
Temp/Humi 16 'C 21 % R.H.
Test Condition X-BAND

Memo

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

Antenna Factor
1. ANT_EMC-309_VULB9160_3363_with ATT_2024-10-07
Cable Loss
1. #24, 25, 26_Assemble_30M-1G_2025_11_11
Pre Amp Gain
1. EMC-110_AMP_MLA-100K01-B01-26_1252741_2026.02.12

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	42.952	17.60	17.90	0.54	27.26	8.78	40.00	31.22	386	149
2	438.819	20.50	22.67	1.50	27.00	17.67	46.00	28.33	267	317
3	879.283	18.40	29.12	2.12	26.90	22.74	46.00	23.26	375	128
----- VERTICAL -----										
4	30.192	24.00	17.02	0.44	27.20	14.26	40.00	25.74	116	182
5	296.655	32.90	19.02	1.25	27.09	26.08	46.00	19.92	109	163
6	878.518	23.10	29.14	2.11	26.90	27.45	46.00	18.55	112	187

Radiated emissions at (1 ~ 6) GHz Peak _ Measurement data			
EUT operation mode			1
Test voltage (V)	AC 120	Test frequency (Hz)	60

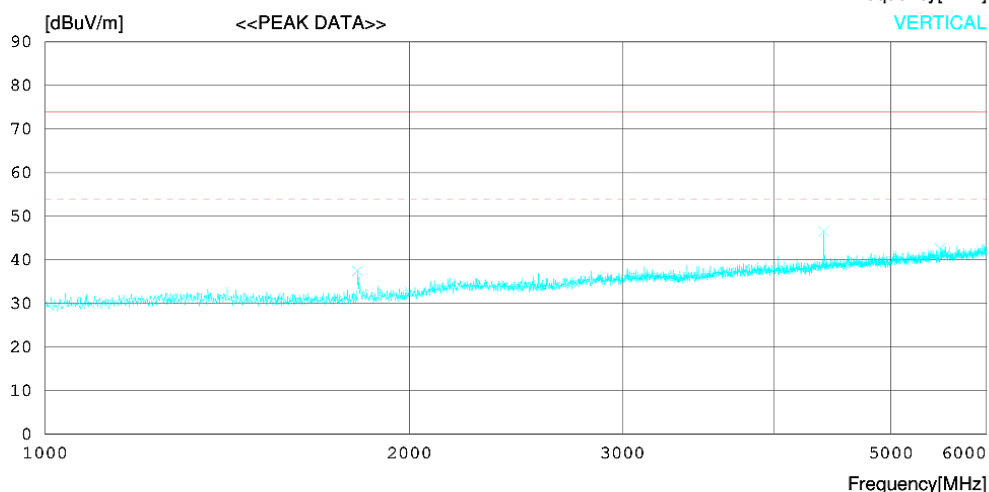
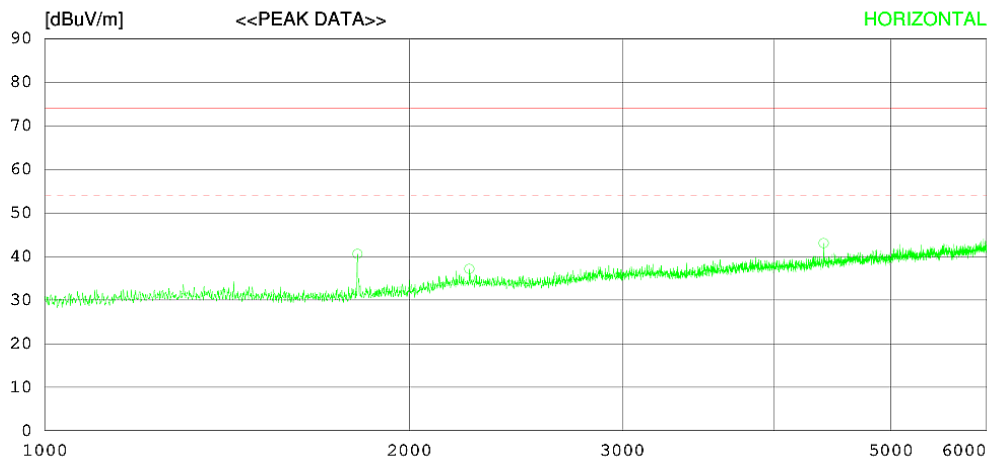
Date 2026-02-27

Order No. DTNC2601-00634
Power Supply AC 120 V 60 Hz
Temp/Humi 16 °C 21 % R.H.
Test Condition X-BAND

Memo

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

Antenna Factor
1. ANT_9120D_1014_25.08.01
Cable Loss
1. #27, #28, #29_Assemble_1G-6G_2025-11-11
Pre Amp Gain
1. AMP_MLA-100M18-B01-42_1872271_2025.08.01



Date 2026-02-27

Order No. DTNC2601-00634
Power Supply AC 120 V 60 Hz
Temp/Humi 16 'C 21 % R.H.
Test Condition X-BAND

Memo

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

Antenna Factor
1. ANT_9120D_1014_25.08.01
Cable Loss
1. #27, #28, #29_Assemble_1G-6G_2025-11-11
Pre Amp Gain
1. AMP_MLA-100M18-B01-42_1872271_2025.08.01

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	1812.500	58.90	25.35	4.35	48.01	40.59	74.0	33.41	127	351
2	2242.500	52.50	28.00	4.86	48.20	37.16	74.0	36.84	175	358
3	4400.000	53.50	30.50	6.92	47.86	43.06	74.0	30.94	119	198
----- VERTICAL -----										
4	1812.500	55.80	25.35	4.35	48.01	37.49	74.0	36.51	113	0
5	4400.000	57.00	30.50	6.92	47.86	46.56	74.0	27.44	124	136
6	5493.125	49.10	31.70	7.80	45.92	42.68	74.0	31.32	138	31

Radiated emissions at (1 ~ 6) GHz Average _ Measurement data

EUT operation mode			1
Test voltage (V)	AC 120	Test frequency (Hz)	60

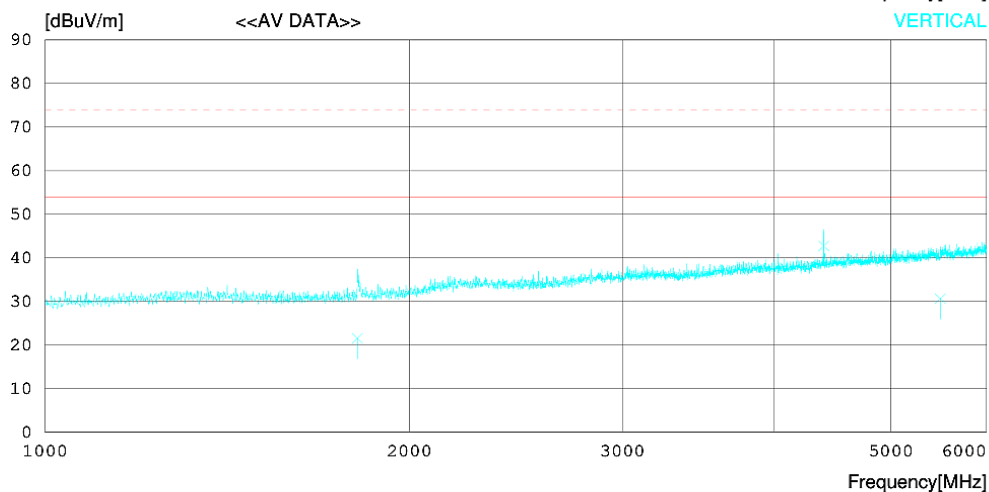
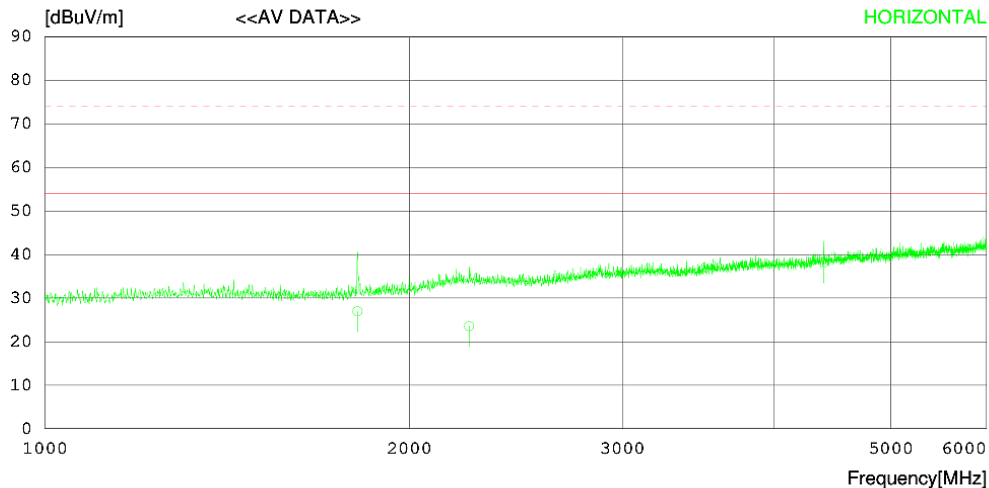
Date 2026-02-27

Order No. DTNC2601-00634
Power Supply AC 120 V 60 Hz
Temp/Humi 16 °C 21 % R.H.
Test Condition X-BAND

Memo

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

Antenna Factor
1. ANT_9120D_1014_25.08.01
Cable Loss
1. #27, #28, #29_Assemble_1G-6G_2025-11-11
Pre Amp Gain
1. AMP_MLA-100M18-B01-42_1872271_2025.08.01



Date 2026-02-27

Order No. DTNC2601-00634
Power Supply AC 120 V 60 Hz
Temp/Humi 16 'C 21 % R.H.
Test Condition X-BAND

Memo

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

Antenna Factor
1. ANT_9120D_1014_25.08.01
Cable Loss
1. #27, #28, #29_Assemble_1G-6G_2025-11-11
Pre Amp Gain
1. AMP_MLA-100M18-B01-42_1872271_2025.08.01

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	1812.325	45.30	25.35	4.34	48.01	26.98	54.00	27.02	124	187
2	2241.766	38.90	28.00	4.86	48.20	23.56	54.00	30.44	163	163
3	4400.026	48.60	30.50	6.92	47.86	38.16	54.00	15.84	152	152
----- VERTICAL -----										
4	1812.265	39.90	25.35	4.34	48.01	21.58	54.00	32.42	118	118
5	4400.127	53.20	30.50	6.92	47.86	42.76	54.00	11.24	122	163
6	5493.266	37.10	31.70	7.80	45.92	30.68	54.00	23.32	115	154

Radiated emissions at (6 ~ 18) GHz Peak _ Measurement data

EUT operation mode			1
Test voltage (V)	AC 120	Test frequency (Hz)	60

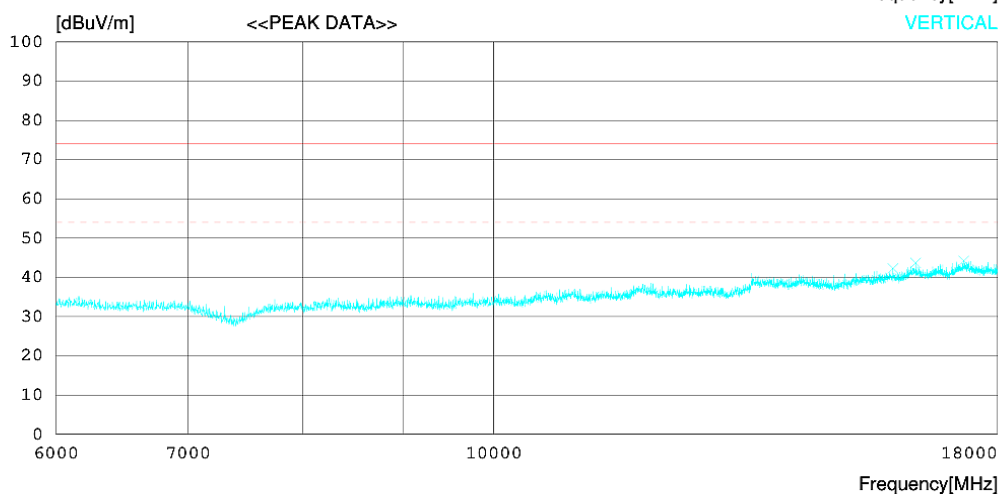
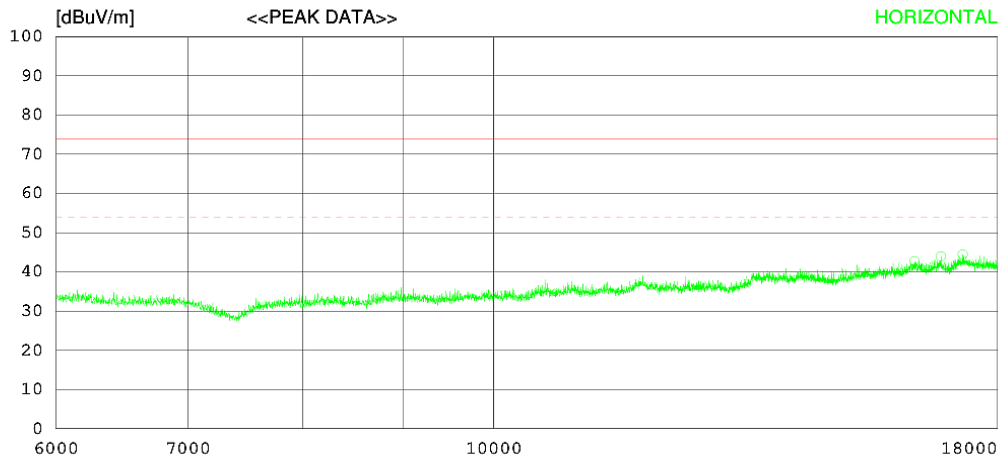
Date 2026-02-27

Order No. DTNC2601-00634
Power Supply AC 120 V 60 Hz
Temp/Humi 16 °C 21 % R.H.
Test Condition X-BAND

Memo

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

Antenna Factor
1. EMC-233-A_EM-6969_156_2025.12.17
Cable Loss
1. #27, #28_Assemble_6G-18G_2025-11-11
Pre Amp Gain
1. EMC-233-M_MLA-0618-B03-34_2025.12.17



Date 2026-02-27

Order No. DTNC2601-00634
Power Supply AC 120 V 60 Hz
Temp/Humi 16 'C 21 % R.H.
Test Condition X-BAND

Memo

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

Antenna Factor
1. EMC-233-A_EM-6969_156_2025.12.17
Cable Loss
1. #27, #28_Assemble_6G-18G_2025-11-11
Pre Amp Gain
1. EMC-233-M_MLA-0618-B03-34_2025.12.17

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	16336.500	30.40	35.67	12.61	35.93	42.75	74.0	31.25	113	290
2	16848.000	30.30	36.60	12.67	35.62	43.95	74.0	30.05	118	0
3	17281.500	30.30	36.80	12.68	35.27	44.51	74.0	29.49	126	183
----- VERTICAL -----										
4	15930.000	30.10	35.20	13.00	36.00	42.30	74.0	31.7	115	358
5	16357.500	31.30	35.72	12.60	35.93	43.69	74.0	30.31	127	137
6	17301.000	30.00	36.80	12.68	35.26	44.22	74.0	29.78	113	276

Radiated emissions at (6 ~ 18) GHz Average _ Measurement data

EUT operation mode			1
Test voltage (V)	AC 120	Test frequency (Hz)	60

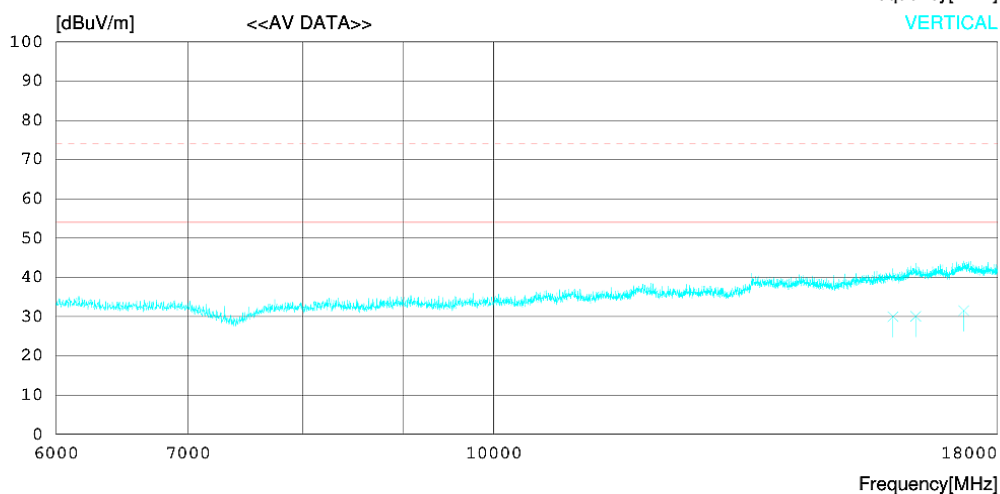
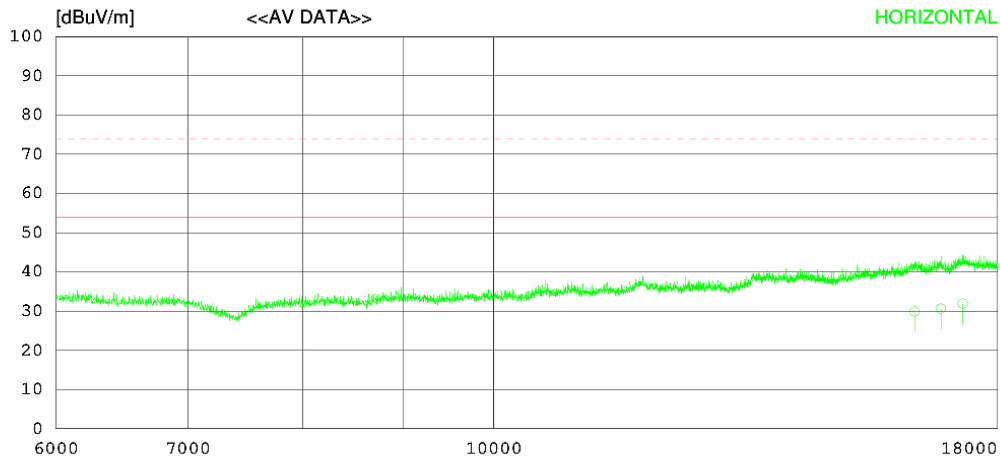
Date 2026-02-27

Order No. DTNC2601-00634
Power Supply AC 120 V 60 Hz
Temp/Humi 16 °C 21 % R.H.
Test Condition X-BAND

Memo

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

Antenna Factor
1. EMC-233-A_EM-6969_156_2025.12.17
Cable Loss
1. #27, #28_Assemble_6G-18G_2025-11-11
Pre Amp Gain
1. EMC-233-M_MLA-0618-B03-34_2025.12.17



Date 2026-02-27

Order No. DTNC2601-00634
Power Supply AC 120 V 60 Hz
Temp/Humi 16 'C 21 % R.H.
Test Condition X-BAND

Memo

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

Antenna Factor
1. EMC-233-A_EM-6969_156_2025.12.17
Cable Loss
1. #27, #28_Assemble_6G-18G_2025-11-11
Pre Amp Gain
1. EMC-233-M_MLA-0618-B03-34_2025.12.17

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	16336.260	17.60	35.67	12.61	35.93	29.95	54.00	24.05	129	195
2	16848.240	17.00	36.60	12.67	35.62	30.65	54.00	23.35	137	168
3	17281.480	17.70	36.80	12.68	35.27	31.91	54.00	22.09	128	194
----- VERTICAL -----										
4	15930.260	17.80	35.20	13.00	36.00	30.00	54.00	24.00	118	316
5	16357.920	17.70	35.72	12.60	35.93	30.09	54.00	23.91	112	135
6	17301.950	17.30	36.80	12.68	35.26	31.52	54.00	22.48	112	189

Radiated emissions at (18 ~ 40) GHz Peak _ Measurement data			
EUT operation mode			1
Test voltage (V)	AC 120	Test frequency (Hz)	60

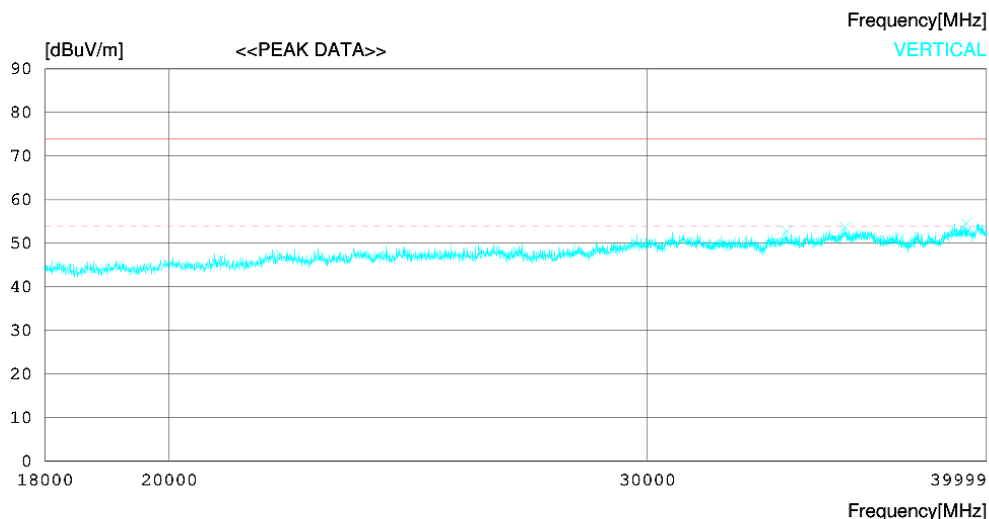
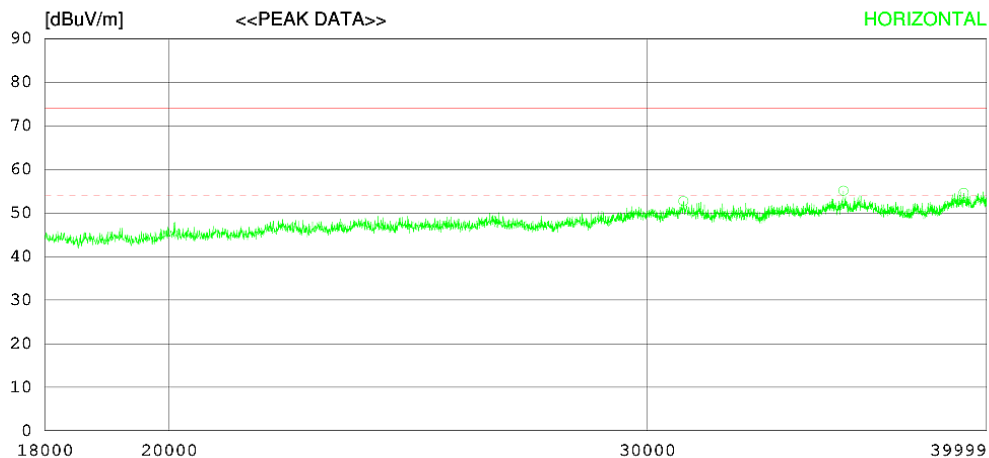
Date 2026-02-27

Order No. DTNC2601-00634
Power Supply AC 120 V 60 Hz
Temp/Humi 16 °C 21 % R.H.
Test Condition X-BAND

Memo

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

Antenna Factor
1. ANT_3116C_00240008_2025.08.01
Cable Loss
1. #33_C2_Amp to Receiver_10m_18-40G_2025-08-22
Pre Amp Gain
1. AMP_LNAS-50-18004000-33-5P_2025.08.01



Date 2026-02-27

Order No. DTNC2601-00634
Power Supply AC 120 V 60 Hz
Temp/Humi 16 'C 21 % R.H.
Test Condition X-BAND

Memo

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

Antenna Factor
1. ANT_3116C_00240008_2025.08.01
Cable Loss
1. #33_C2_Amp to Receiver_10m_18-40G_2025-08-22
Pre Amp Gain
1. AMP_LNAS-50-18004000-33-5P_2025.08.01

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	30930.500	36.30	46.80	24.76	55.16	52.70	74.0	21.3	128	167
2	35424.000	38.60	47.18	26.71	57.41	55.08	74.0	18.92	125	334
3	39227.250	36.20	46.33	28.42	56.37	54.58	74.0	19.42	113	64
----- VERTICAL -----										
4	33760.250	35.80	47.50	25.60	56.10	52.80	74.0	21.2	117	284
5	35473.500	37.30	47.13	26.77	57.47	53.73	74.0	20.27	116	279
6	39307.000	36.10	46.40	28.35	56.29	54.56	74.0	19.44	121	0

Radiated emissions at (18 ~ 40) GHz Average _ Measurement data			
EUT operation mode			1
Test voltage (V)	AC 120	Test frequency (Hz)	60

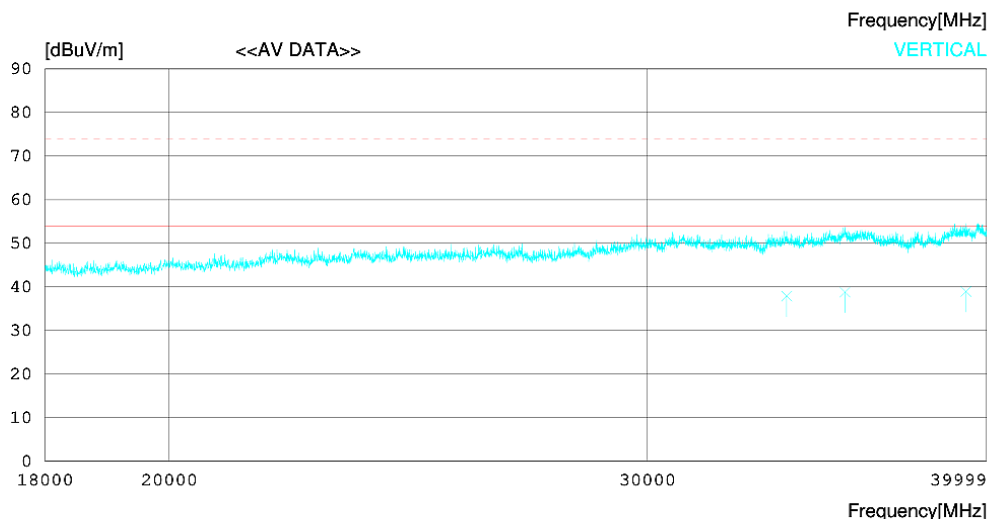
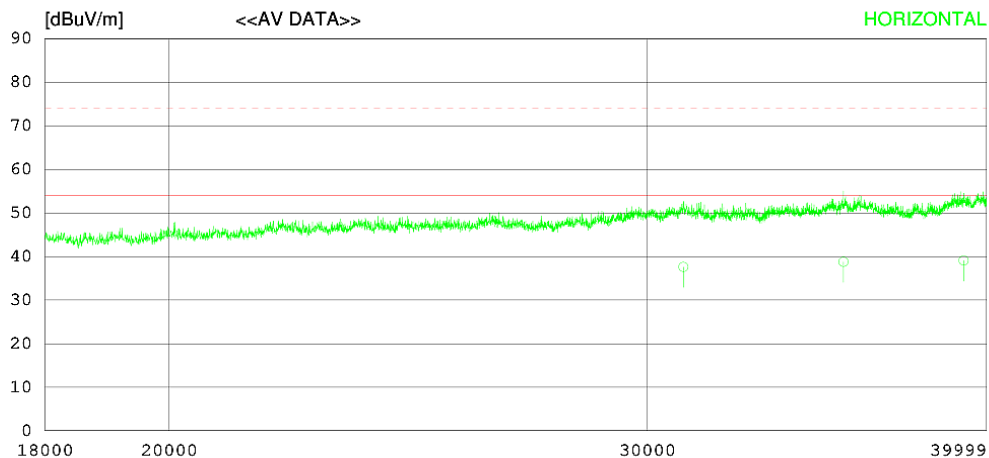
Date 2026-02-27

Order No. DTNC2601-00634
Power Supply AC 120 V 60 Hz
Temp/Humi 16 °C 21 % R.H.
Test Condition X-BAND

Memo

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

Antenna Factor
1. ANT_3116C_00240008_2025.08.01
Cable Loss
1. #33_C2_Amp to Receiver_10m_18-40G_2025-08-22
Pre Amp Gain
1. AMP_LNAS-50-18004000-33-5P_2025.08.01



Date 2026-02-27

Order No. DTNC2601-00634
Power Supply AC 120 V 60 Hz
Temp/Humi 16 'C 21 % R.H.
Test Condition X-BAND

Memo

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

Antenna Factor
1. ANT_3116C_00240008_2025.08.01
Cable Loss
1. #33_C2_Amp to Receiver_10m_18-40G_2025-08-22
Pre Amp Gain
1. AMP_LNAS-50-18004000-33-5P_2025.08.01

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]
----- HORIZONTAL -----										
1	30932.140	21.20	46.80	24.76	55.16	37.60	54.00	16.40	133	175
2	35425.250	22.30	47.17	26.71	57.41	38.77	54.00	15.23	127	309
3	39228.550	20.70	46.33	28.42	56.37	39.08	54.00	14.92	129	143
----- VERTICAL -----										
4	33761.310	20.90	47.50	25.60	56.10	37.90	54.00	16.10	119	152
5	35471.550	22.40	47.13	26.77	57.47	38.83	54.00	15.17	114	163
6	39304.890	20.50	46.40	28.36	56.30	38.96	54.00	15.04	115	187

Radiated emissions at (30 ~ 1 000) MHz _ Measurement data			
EUT operation mode			2
Test voltage (V)	AC 120	Test frequency (Hz)	60

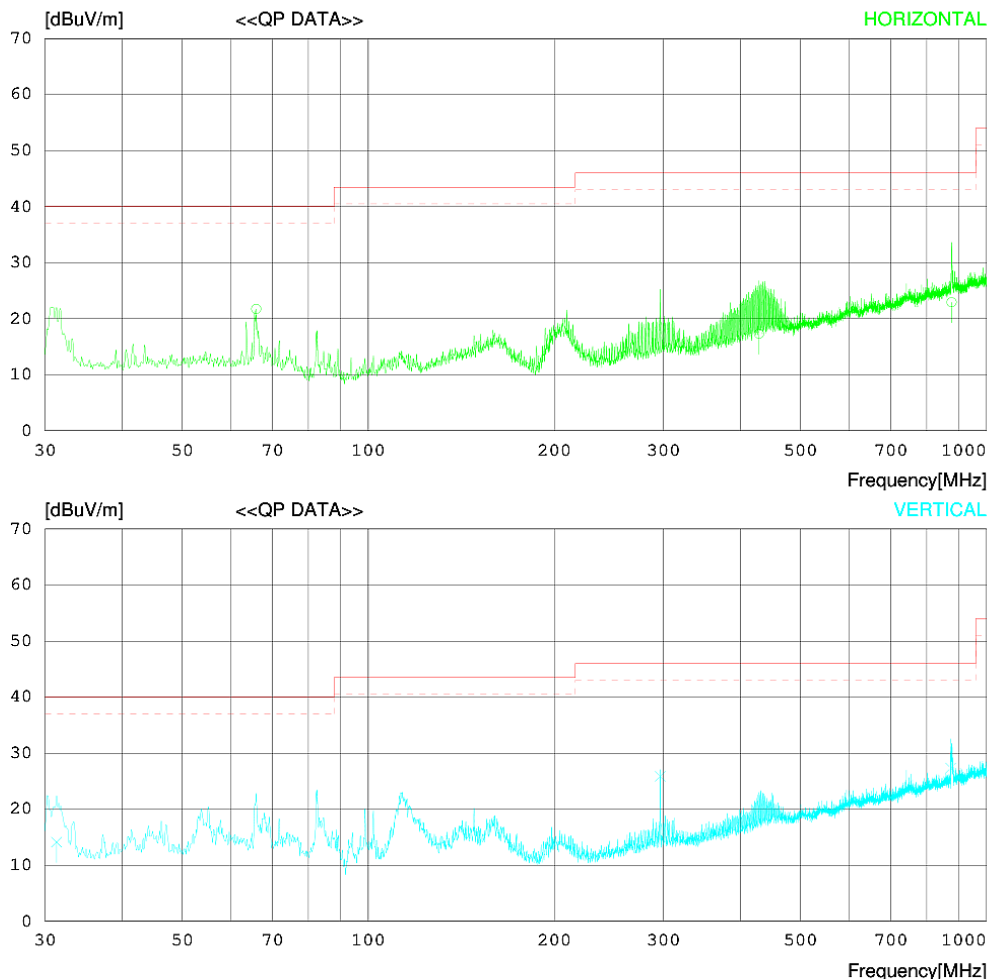
Date 2026-02-27

Order No. DTNC2601-00634
Power Supply AC 120 V 60 Hz
Temp/Humi 16 °C 21 % R.H.
Test Condition K-BAND

Memo

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

Antenna Factor
1. ANT_EMC-309_VULB9160_3363_with ATT_2024-10-07
Cable Loss
1. #24, 25, 26_Assemble_30M-1G_2025_11_11
Pre Amp Gain
1. EMC-110_AMP_MLA-100K01-B01-26_1252741_2026.02.12



Date 2026-02-27

Order No. DTNC2601-00634
Power Supply AC 120 V 60 Hz
Temp/Humi 16 'C 21 % R.H.
Test Condition K-BAND

Memo

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

Antenna Factor
1. ANT_EMC-309_VULB9160_3363_with ATT_2024-10-07
Cable Loss
1. #24, 25, 26_Assemble_30M-1G_2025_11_11
Pre Amp Gain
1. EMC-110_AMP_MLA-100K01-B01-26_1252741_2026.02.12

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	65.893	31.30	17.11	0.64	27.30	21.75	40.00	18.25	386	187
2	428.417	20.60	22.26	1.47	27.00	17.33	46.00	28.67	315	327
3	877.848	18.60	29.15	2.11	26.90	22.96	46.00	23.04	298	186
----- VERTICAL -----										
4	31.334	23.80	17.10	0.45	27.21	14.14	40.00	25.86	116	163
5	296.622	32.70	19.02	1.25	27.09	25.88	46.00	20.12	112	115
6	874.573	23.00	29.15	2.11	26.90	27.36	46.00	18.64	121	192

Radiated emissions at (1 ~ 6) GHz Peak _ Measurement data

EUT operation mode			2
Test voltage (V)	AC 120	Test frequency (Hz)	60

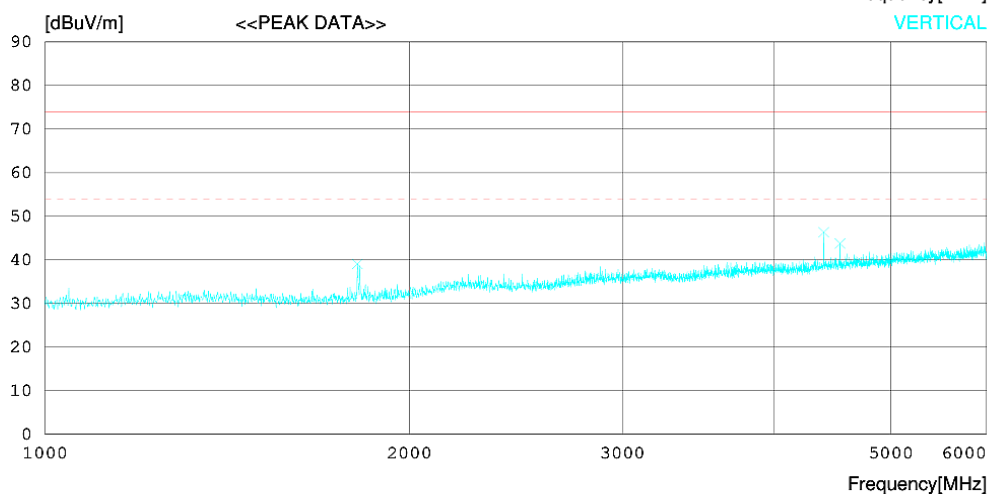
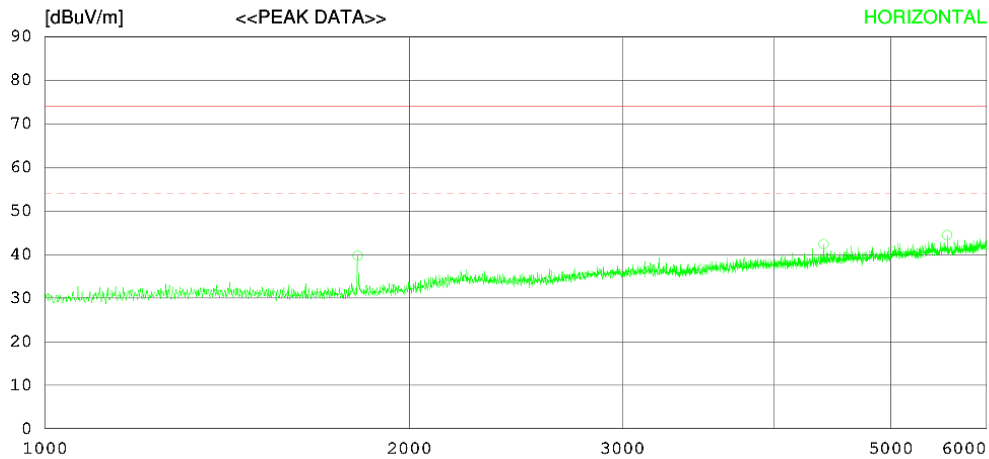
Date 2026-02-27

Order No. DTNC2601-00634
Power Supply AC 120 V 60 Hz
Temp/Humi 16 °C 21 % R.H.
Test Condition K-BAND

Memo

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

Antenna Factor
1. ANT_9120D_1014_25.08.01
Cable Loss
1. #27, #28, #29_Assemble_1G-6G_2025-11-11
Pre Amp Gain
1. AMP_MLA-100M18-B01-42_1872271_2025.08.01



Date 2026-02-27

Order No. DTNC2601-00634
Power Supply AC 120 V 60 Hz
Temp/Humi 16 'C 21 % R.H.
Test Condition K-BAND

Memo

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

Antenna Factor
1. ANT_9120D_1014_25.08.01
Cable Loss
1. #27, #28, #29_Assemble_1G-6G_2025-11-11
Pre Amp Gain
1. AMP_MLA-100M18-B01-42_1872271_2025.08.01

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	1813.125	58.00	25.35	4.35	48.01	39.69	74.0	34.31	127	74
2	4400.000	52.80	30.50	6.92	47.86	42.36	74.0	31.64	113	0
3	5566.250	50.70	31.77	7.85	45.86	44.46	74.0	29.54	124	356
----- VERTICAL -----										
4	1811.875	57.40	25.35	4.34	48.01	39.08	74.0	34.92	118	358
5	4400.000	56.80	30.50	6.92	47.86	46.36	74.0	27.64	131	146
6	4538.750	53.70	30.78	7.07	47.76	43.79	74.0	30.21	119	358

Radiated emissions at (1 ~ 6) GHz Average _ Measurement data

EUT operation mode			2
Test voltage (V)	AC 120	Test frequency (Hz)	60

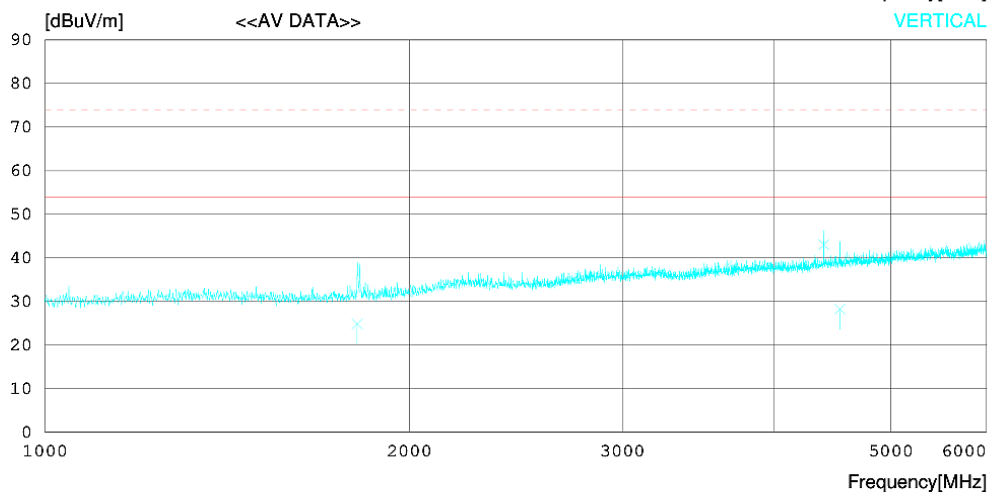
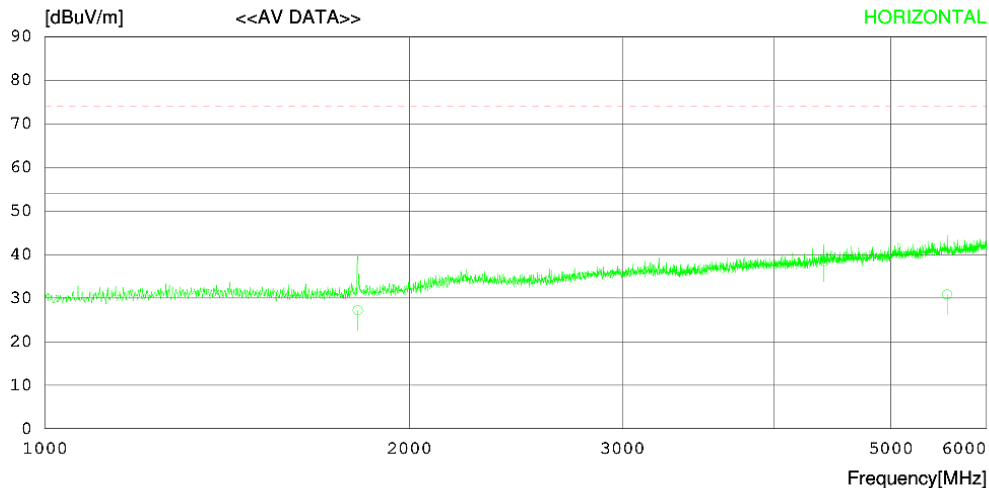
Date 2026-02-27

Order No. DTNC2601-00634
Power Supply AC 120 V 60 Hz
Temp/Humi 16 °C 21 % R.H.
Test Condition K-BAND

Memo

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

Antenna Factor
1. ANT_9120D_1014_25.08.01
Cable Loss
1. #27, #28, #29_Assemble_1G-6G_2025-11-11
Pre Amp Gain
1. AMP_MLA-100M18-B01-42_1872271_2025.08.01



Date 2026-02-27

Order No. DTNC2601-00634
Power Supply AC 120 V 60 Hz
Temp/Humi 16 'C 21 % R.H.
Test Condition K-BAND

Memo

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

Antenna Factor
1. ANT_9120D_1014_25.08.01
Cable Loss
1. #27, #28, #29_Assemble_1G-6G_2025-11-11
Pre Amp Gain
1. AMP_MLA-100M18-B01-42_1872271_2025.08.01

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	1813.625	45.50	25.35	4.35	48.01	27.19	54.00	26.81	148	125
2	4400.013	48.90	30.50	6.92	47.86	38.46	54.00	15.54	168	167
3	5566.235	37.10	31.77	7.85	45.86	30.86	54.00	23.14	156	187
----- VERTICAL -----										
4	1811.254	43.20	25.35	4.34	48.01	24.88	54.00	29.12	111	146
5	4400.002	53.50	30.50	6.92	47.86	43.06	54.00	10.94	119	152
6	4539.062	38.20	30.78	7.07	47.76	28.29	54.00	25.71	115	193

Radiated emissions at (6 ~ 18) GHz Peak _ Measurement data			
EUT operation mode			2
Test voltage (V)	AC 120	Test frequency (Hz)	60

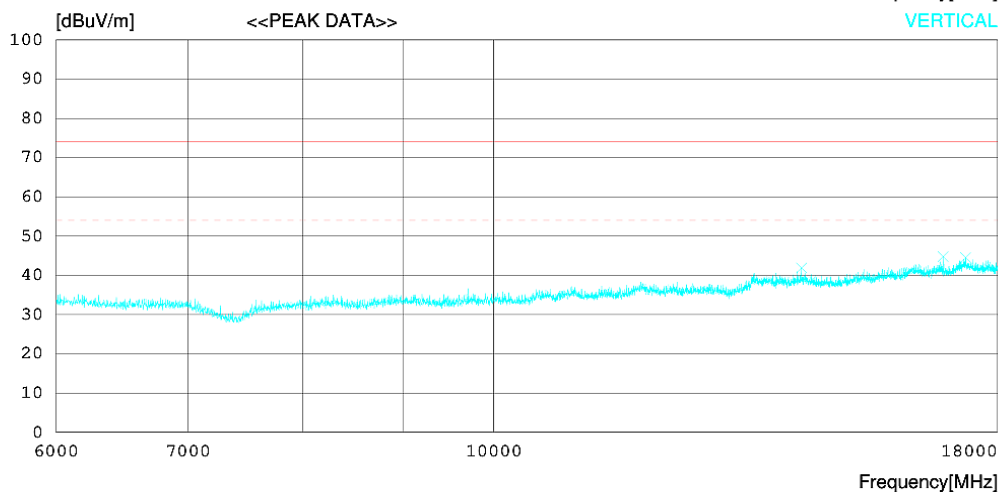
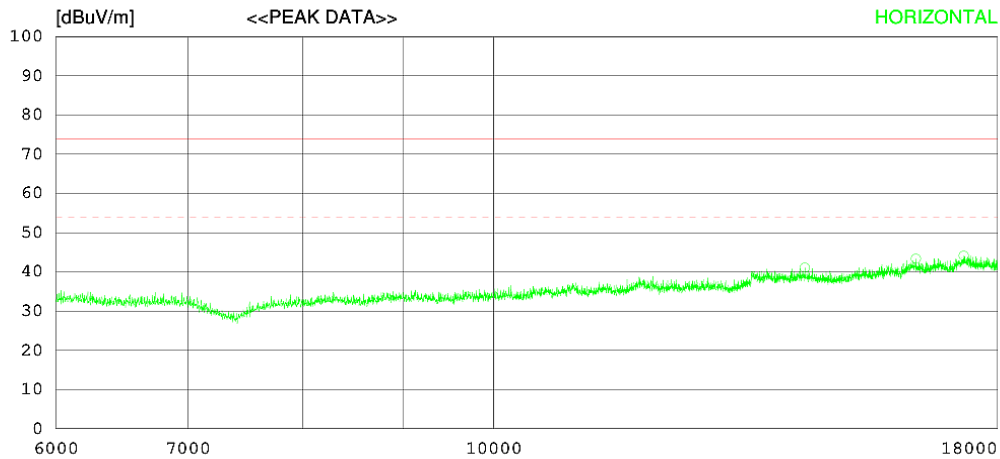
Date 2026-02-27

Order No. DTNC2601-00634
Power Supply AC 120 V 60 Hz
Temp/Humi 16 °C 21 % R.H.
Test Condition K-BAND

Memo

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

Antenna Factor
1. EMC-233-A_EM-6969_156_2025.12.17
Cable Loss
1. #27, #28_Assemble_6G-18G_2025-11-11
Pre Amp Gain
1. EMC-233-M_MLA-0618-B03-34_2025.12.17



Date 2026-02-27

Order No. DTNC2601-00634
Power Supply AC 120 V 60 Hz
Temp/Humi 16 'C 21 % R.H.
Test Condition K-BAND

Memo

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

Antenna Factor
1. EMC-233-A_EM-6969_156_2025.12.17
Cable Loss
1. #27, #28_Assemble_6G-18G_2025-11-11
Pre Amp Gain
1. EMC-233-M_MLA-0618-B03-34_2025.12.17

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	14374.500	31.50	34.00	11.93	36.35	41.08	74.0	32.92	124	266
2	16362.000	31.00	35.72	12.59	35.93	43.38	74.0	30.62	129	0
3	17302.500	29.90	36.80	12.68	35.26	44.12	74.0	29.88	118	0
----- VERTICAL -----										
4	14317.500	32.40	33.94	11.83	36.28	41.89	74.0	32.11	112	358
5	16890.000	31.10	36.60	12.67	35.59	44.78	74.0	29.22	126	146
6	17337.000	30.30	36.80	12.68	35.23	44.55	74.0	29.45	114	10

Radiated emissions at (6 ~ 18) GHz Average _ Measurement data

EUT operation mode			2
Test voltage (V)	AC 120	Test frequency (Hz)	60

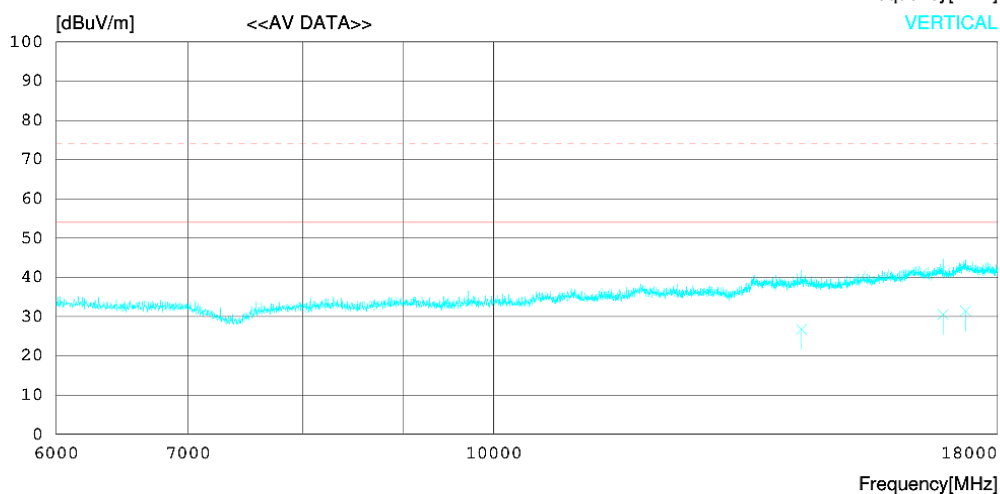
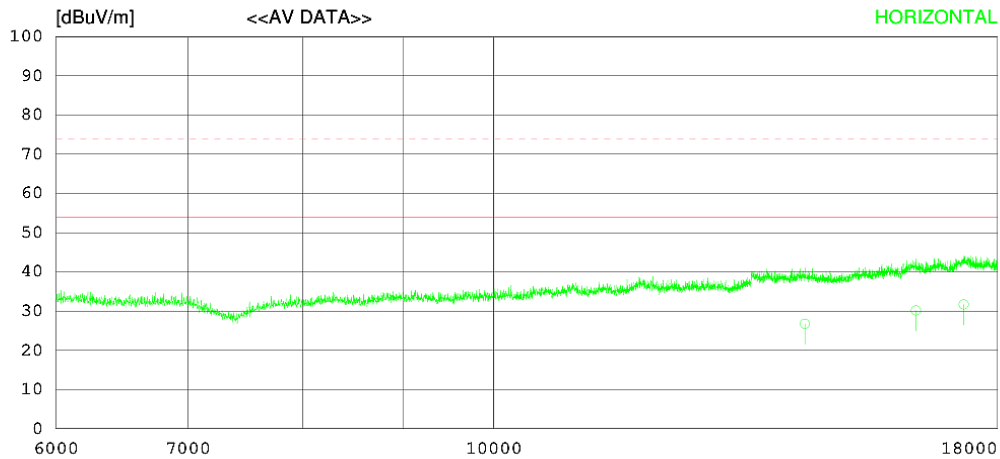
Date 2026-02-27

Order No. DTNC2601-00634
Power Supply AC 120 V 60 Hz
Temp/Humi 16 °C 21 % R.H.
Test Condition K-BAND

Memo

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

Antenna Factor
1. EMC-233-A_EM-6969_156_2025.12.17
Cable Loss
1. #27, #28_Assemble_6G-18G_2025-11-11
Pre Amp Gain
1. EMC-233-M_MLA-0618-B03-34_2025.12.17



Date 2026-02-27

Order No. DTNC2601-00634
Power Supply AC 120 V 60 Hz
Temp/Humi 16 'C 21 % R.H.
Test Condition K-BAND

Memo

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

Antenna Factor
1. EMC-233-A_EM-6969_156_2025.12.17
Cable Loss
1. #27, #28_Assemble_6G-18G_2025-11-11
Pre Amp Gain
1. EMC-233-M_MLA-0618-B03-34_2025.12.17

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	14374.290	17.20	34.00	11.93	36.35	26.78	54.00	27.22	137	215
2	16362.390	17.80	35.72	12.59	35.93	30.18	54.00	23.82	131	118
3	17302.630	17.50	36.80	12.68	35.26	31.72	54.00	22.28	127	167
----- VERTICAL -----										
4	14317.260	17.30	33.93	11.83	36.28	26.78	54.00	27.22	112	179
5	16890.260	16.90	36.60	12.67	35.59	30.58	54.00	23.42	119	182
6	17337.270	17.20	36.80	12.68	35.23	31.45	54.00	22.55	118	184

Radiated emissions at (18 ~ 40) GHz Peak _ Measurement data			
EUT operation mode			2
Test voltage (V)	AC 120	Test frequency (Hz)	60

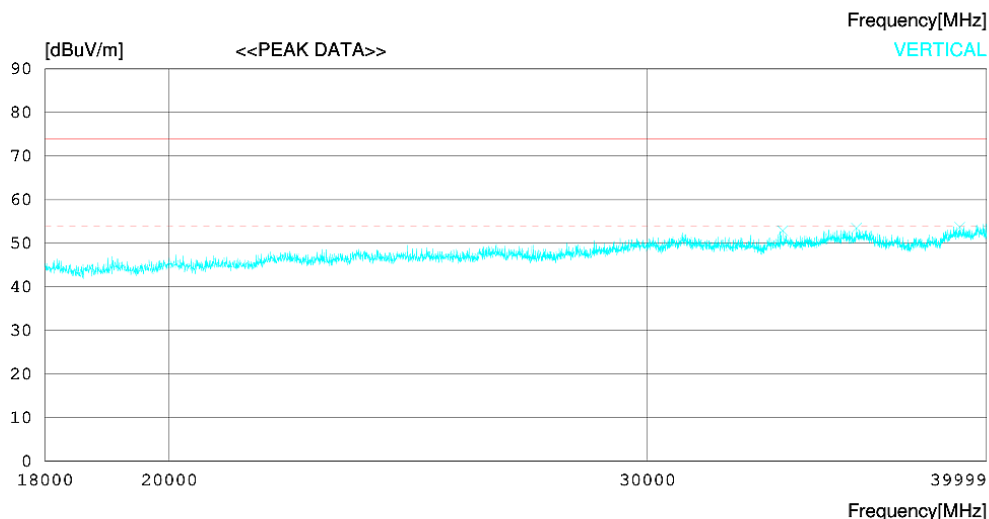
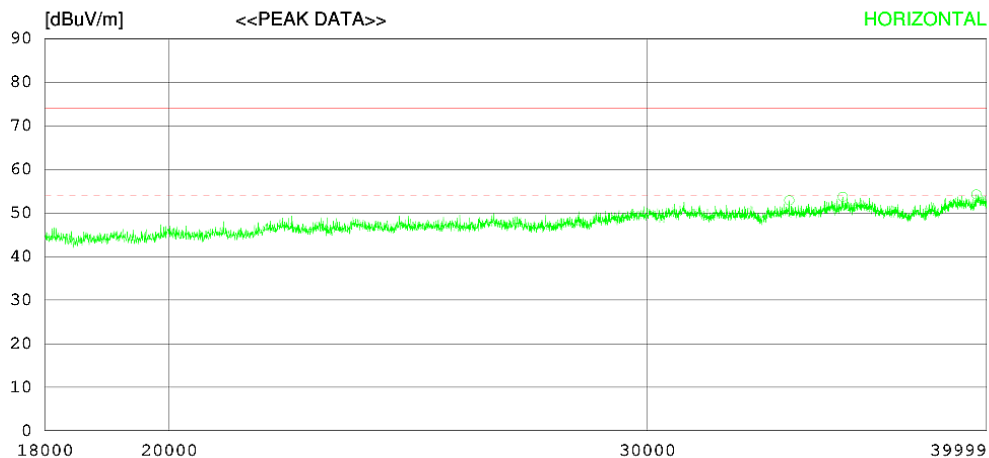
Date 2026-02-27

Order No. DTNC2601-00634
Power Supply AC 120 V 60 Hz
Temp/Humi 16 °C 21 % R.H.
Test Condition K-BAND

Memo

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

Antenna Factor
1. ANT_3116C_00240008_2025.08.01
Cable Loss
1. #33_C2_Amp to Receiver_10m_18-40G_2025-08-22
Pre Amp Gain
1. AMP_LNAS-50-18004000-33-5P_2025.08.01



Date 2026-02-27

Order No. DTNC2601-00634
Power Supply AC 120 V 60 Hz
Temp/Humi 16 'C 21 % R.H.
Test Condition K-BAND

Memo

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

Antenna Factor
1. ANT_3116C_00240008_2025.08.01
Cable Loss
1. #33_C2_Amp to Receiver_10m_18-40G_2025-08-22
Pre Amp Gain
1. AMP_LNAS-50-18004000-33-5P_2025.08.01

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]
----- HORIZONTAL -----										
1	33837.250	35.90	47.50	25.60	56.13	52.87	74.0	21.13	152	4
2	35407.500	37.20	47.19	26.69	57.39	53.69	74.0	20.31	132	358
3	39653.500	35.20	46.65	28.23	55.85	54.23	74.0	19.77	126	146
----- VERTICAL -----										
4	33644.750	35.90	47.44	25.60	56.06	52.88	74.0	21.12	113	208
5	35820.000	37.60	47.00	26.67	57.76	53.51	74.0	20.49	126	0
6	39095.250	35.40	46.30	28.52	56.50	53.72	74.0	20.28	113	12

Radiated emissions at (18 ~ 40) GHz Average _ Measurement data

EUT operation mode			2
Test voltage (V)	AC 120	Test frequency (Hz)	60

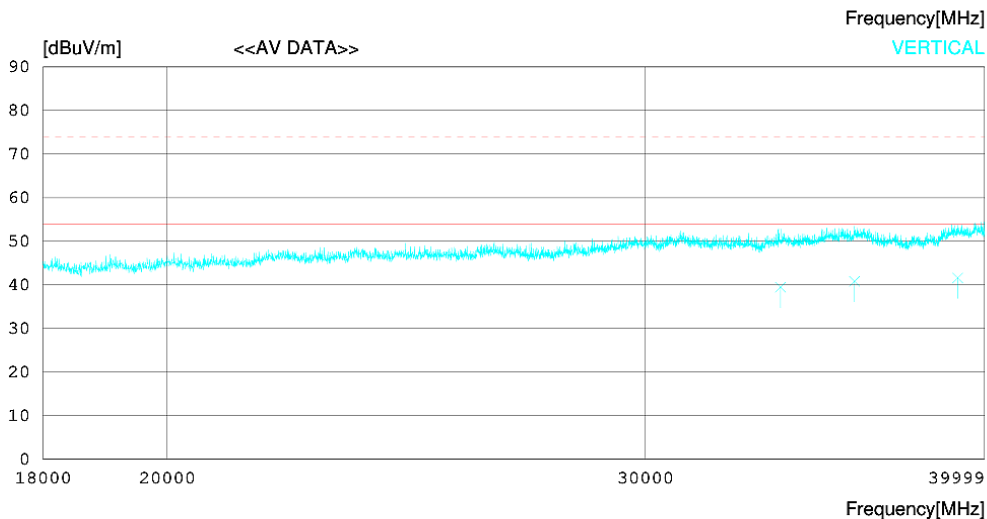
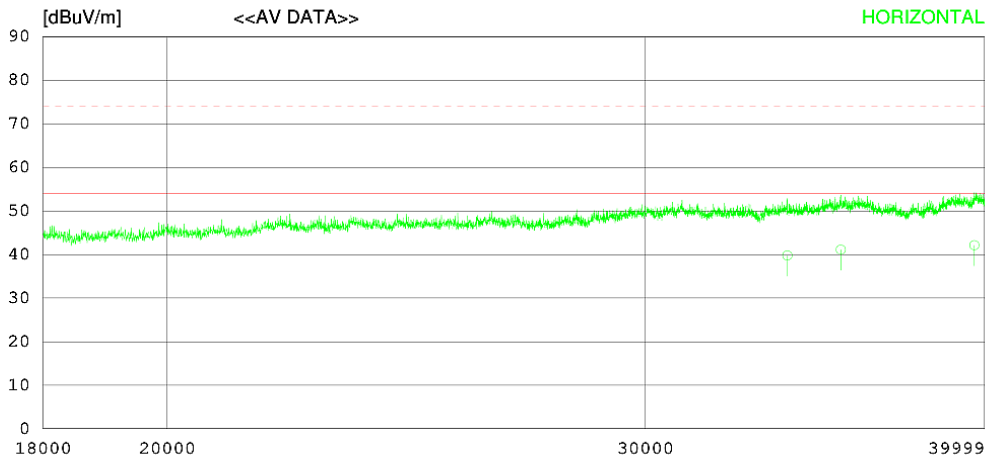
Date 2026-02-27

Order No. DTNC2601-00634
Power Supply AC 120 V 60 Hz
Temp/Humi 16 °C 21 % R.H.
Test Condition K-BAND

Memo

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

Antenna Factor
1. ANT_3116C_00240008_2025.08.01
Cable Loss
1. #33_C2_Amp to Receiver_10m_18-40G_2025-08-22
Pre Amp Gain
1. AMP_LNAS-50-18004000-33-5P_2025.08.01



Date 2026-02-27

Order No. DTNC2601-00634
Power Supply AC 120 V 60 Hz
Temp/Humi 16 'C 21 % R.H.
Test Condition K-BAND

Memo

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

Antenna Factor
1. ANT_3116C_00240008_2025.08.01
Cable Loss
1. #33_C2_Amp to Receiver_10m_18-40G_2025-08-22
Pre Amp Gain
1. AMP_LNAS-50-18004000-33-5P_2025.08.01

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	33838.340	22.80	47.50	25.60	56.14	39.76	54.00	14.24	137	172
2	35407.270	24.60	47.19	26.69	57.39	41.09	54.00	12.91	142	183
3	39652.670	23.10	46.65	28.23	55.86	42.12	54.00	11.88	135	129
----- VERTICAL -----										
4	33643.160	22.50	47.44	25.60	56.06	39.48	54.00	14.52	115	204
5	35817.680	24.90	47.00	26.67	57.75	40.82	54.00	13.18	119	161
6	39095.620	23.30	46.30	28.52	56.50	41.62	54.00	12.38	112	137

Radiated emissions at (30 ~ 1 000) MHz _ Measurement data

EUT operation mode			3
Test voltage (V)	AC 120	Test frequency (Hz)	60

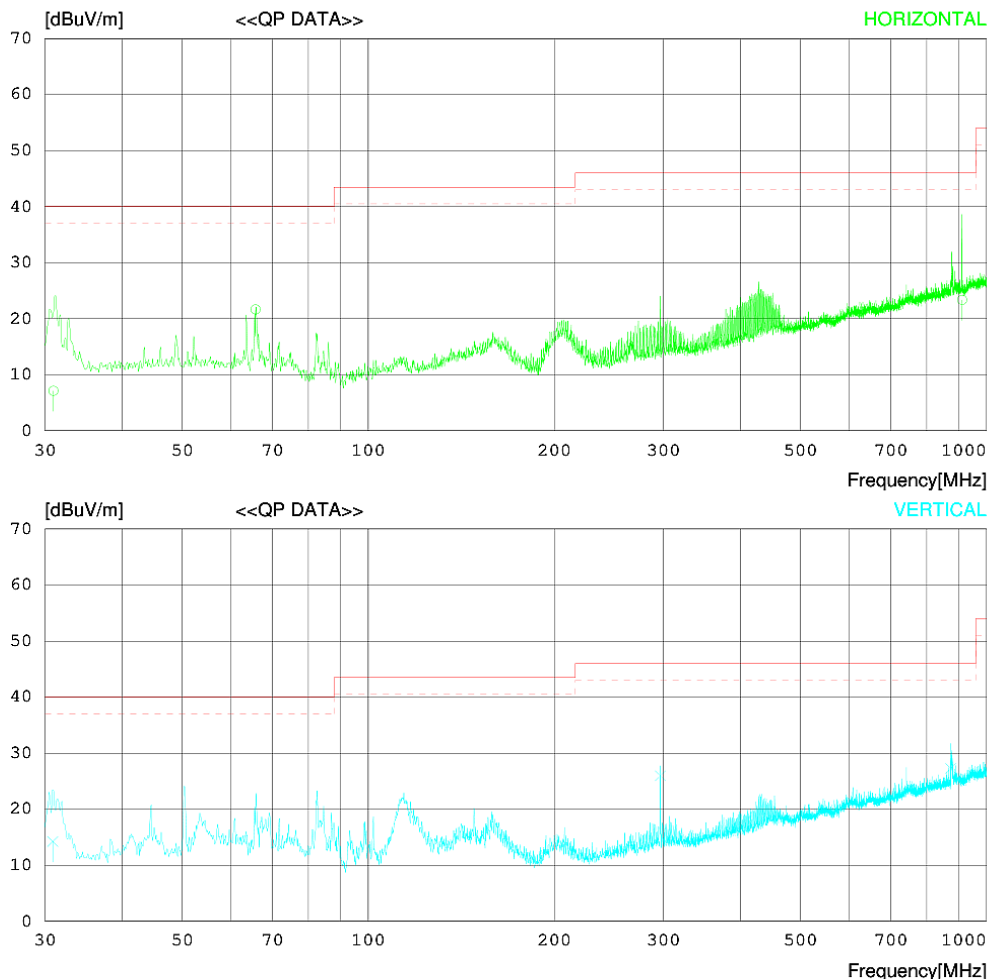
Date 2026-02-27

Order No. DTNC2601-00634
Power Supply AC 120 V 60 Hz
Temp/Humid 16 °C 21 % R.H.
Test Condition Ka-BAND

Memo

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

Antenna Factor
1. ANT_EMC-309_VULB9160_3363_with ATT_2024-10-07
Cable Loss
1. #24, 25, 26_Assemble_30M-1G_2025_11_11
Pre Amp Gain
1. EMC-110_AMP_MLA-100K01-B01-26_1252741_2026.02.12



Date 2026-02-27

Order No. DTNC2601-00634
Power Supply AC 120 V 60 Hz
Temp/Humi 16 'C 21 % R.H.
Test Condition Ka-BAND

Memo

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

Antenna Factor
1. ANT_EMC-309_VULB9160_3363_with ATT_2024-10-07
Cable Loss
1. #24, 25, 26_Assemble_30M-1G_2025_11_11
Pre Amp Gain
1. EMC-110_AMP_MLA-100K01-B01-26_1252741_2026.02.12

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	30.958	16.80	17.10	0.45	27.20	7.15	40.00	32.85	324	196
2	65.728	31.20	17.13	0.64	27.30	21.67	40.00	18.33	386	187
3	912.625	18.70	29.39	2.16	26.90	23.35	46.00	22.65	276	184
----- VERTICAL -----										
4	30.869	23.90	17.09	0.45	27.20	14.24	40.00	25.76	115	172
5	296.638	32.80	19.02	1.25	27.09	25.98	46.00	20.02	109	106
6	874.518	22.90	29.15	2.11	26.90	27.26	46.00	18.74	113	246

Radiated emissions at (1 ~ 6) GHz Peak _ Measurement data

EUT operation mode			3
Test voltage (V)	AC 120	Test frequency (Hz)	60

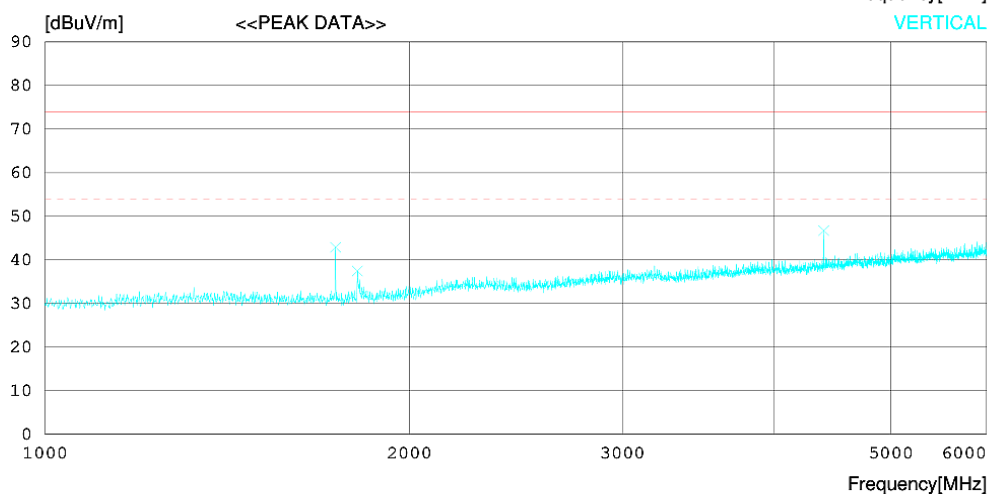
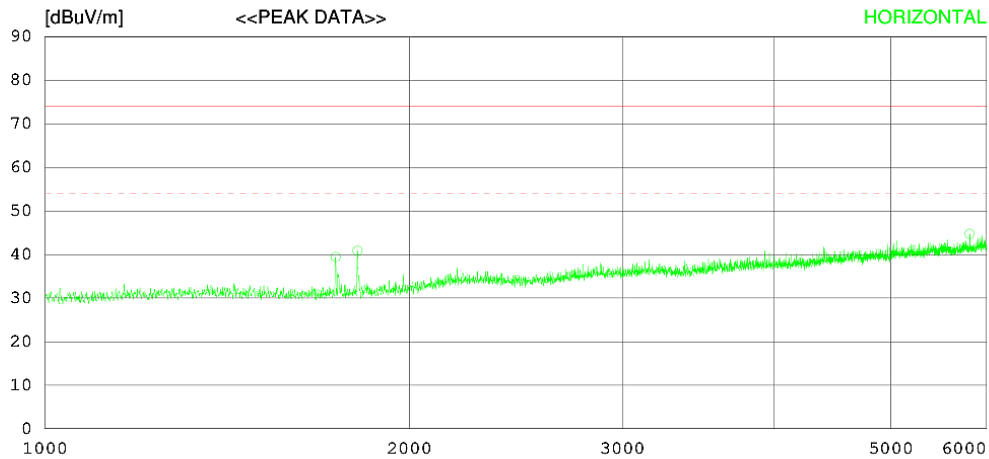
Date 2026-02-27

Order No. DTNC2601-00634
Power Supply AC 120 V 60 Hz
Temp/Humi 16 °C 21 % R.H.
Test Condition Ka-BAND

Memo

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

Antenna Factor
1. ANT_9120D_1014_25.08.01
Cable Loss
1. #27, #28, #29_Assemble_1G-6G_2025-11-11
Pre Amp Gain
1. AMP_MLA-100M18-B01-42_1872271_2025.08.01



Date 2026-02-27

Order No. DTNC2601-00634
Power Supply AC 120 V 60 Hz
Temp/Humi 16 'C 21 % R.H.
Test Condition Ka-BAND

Memo

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

Antenna Factor
1. ANT_9120D_1014_25.08.01
Cable Loss
1. #27, #28, #29_Assemble_1G-6G_2025-11-11
Pre Amp Gain
1. AMP_MLA-100M18-B01-42_1872271_2025.08.01

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	1738.750	58.00	25.20	4.25	48.03	39.42	74.0	34.58	127	266
2	1812.500	59.20	25.35	4.35	48.01	40.89	74.0	33.11	134	157
3	5808.750	50.30	32.12	8.04	45.71	44.75	74.0	29.25	116	7
----- VERTICAL -----										
4	1738.125	61.50	25.20	4.25	48.03	42.92	74.0	31.08	113	298
5	1811.875	55.80	25.35	4.34	48.01	37.48	74.0	36.52	114	234
6	4400.000	57.20	30.50	6.92	47.86	46.76	74.0	27.24	128	121

Radiated emissions at (1 ~ 6) GHz Average _ Measurement data

EUT operation mode			3
Test voltage (V)	AC 120	Test frequency (Hz)	60

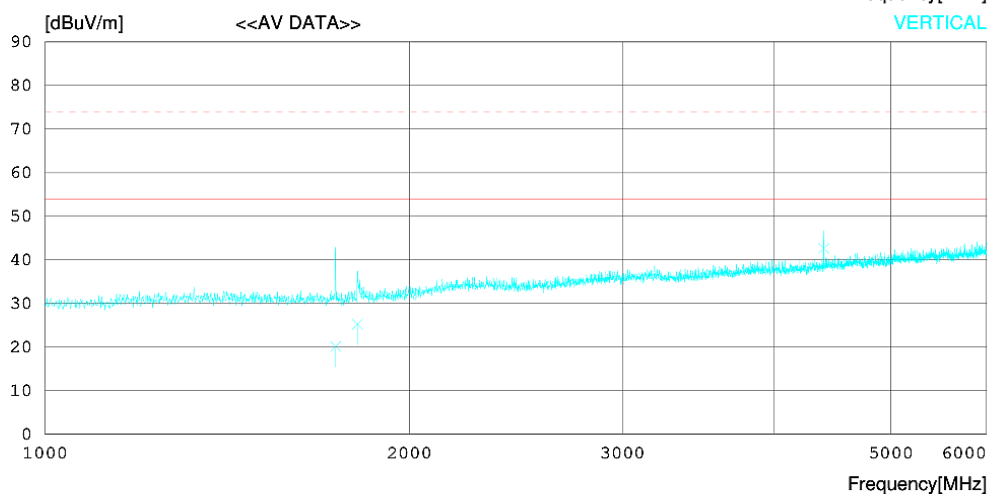
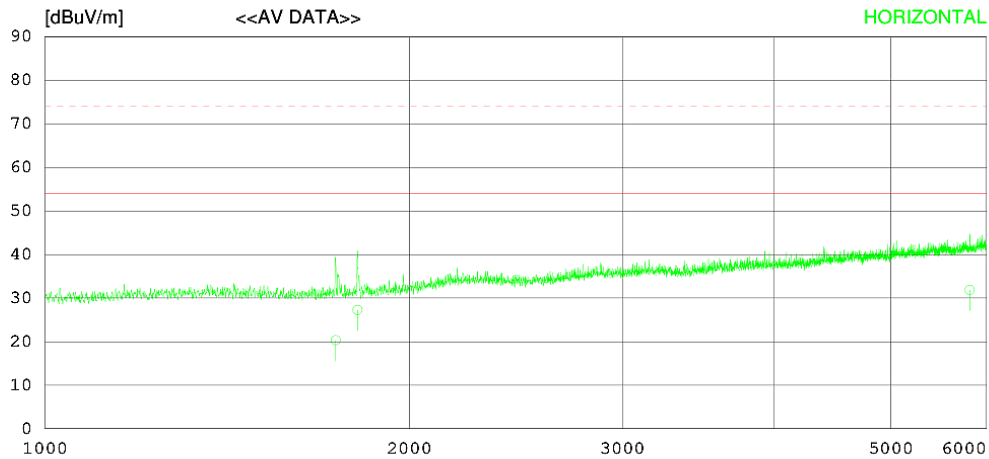
Date 2026-02-27

Order No. DTNC2601-00634
Power Supply AC 120 V 60 Hz
Temp/Humi 16 °C 21 % R.H.
Test Condition Ka-BAND

Memo

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

Antenna Factor
1. ANT_9120D_1014_25.08.01
Cable Loss
1. #27, #28, #29_Assemble_1G-6G_2025-11-11
Pre Amp Gain
1. AMP_MLA-100M18-B01-42_1872271_2025.08.01



Date 2026-02-27

Order No. DTNC2601-00634
Power Supply AC 120 V 60 Hz
Temp/Humi 16 °C 21 % R.H.
Test Condition Ka-BAND

Memo

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

Antenna Factor
1. ANT_9120D_1014_25.08.01
Cable Loss
1. #27, #28, #29_Assemble_1G-6G_2025-11-11
Pre Amp Gain
1. AMP_MLA-100M18-B01-42_1872271_2025.08.01

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	1738.626	38.90	25.20	4.25	48.03	20.32	54.00	33.68	131	183
2	1812.457	45.60	25.35	4.34	48.01	27.28	54.00	26.72	125	129
3	5809.560	37.40	32.12	8.04	45.71	31.85	54.00	22.15	128	116
----- VERTICAL -----										
4	1738.626	38.70	25.20	4.25	48.03	20.12	54.00	33.88	115	185
5	1811.843	43.60	25.35	4.34	48.01	25.28	54.00	28.72	112	176
6	4400.033	53.10	30.50	6.92	47.86	42.66	54.00	11.34	116	189

Radiated emissions at (6 ~ 18) GHz Peak _ Measurement data

EUT operation mode			3
Test voltage (V)	AC 120	Test frequency (Hz)	60

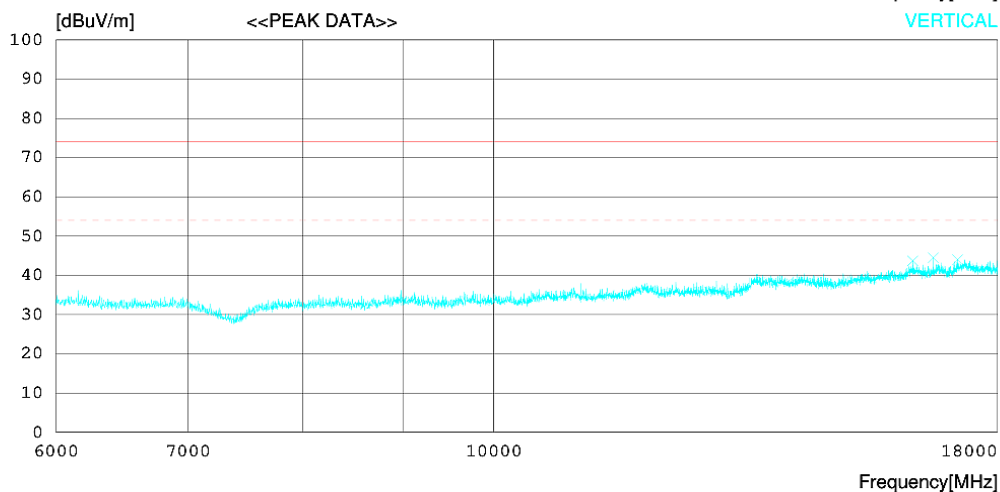
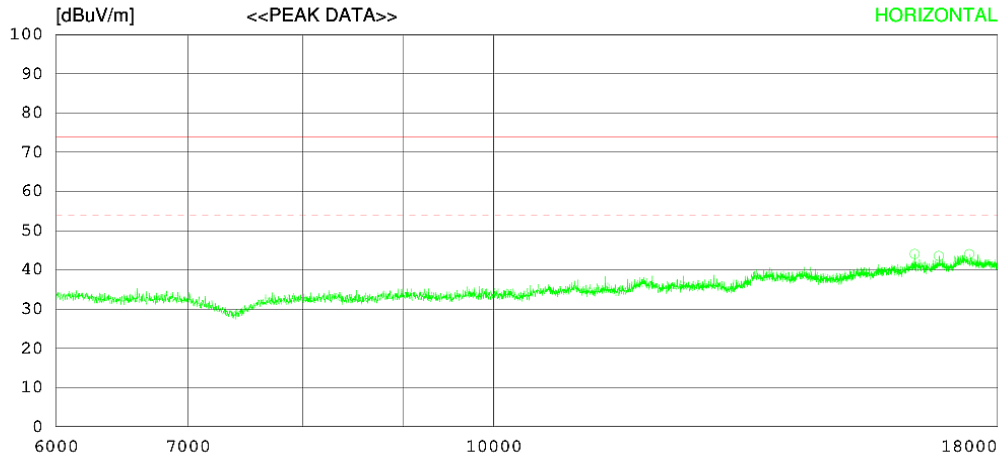
Date 2026-02-27

Order No. DTNC2601-00634
Power Supply AC 120 V 60 Hz
Temp/Humi 16 °C 21 % R.H.
Test Condition Ka-BAND

Memo

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

Antenna Factor
1. EMC-233-A_EM-6969_156_2025.12.17
Cable Loss
1. #27, #28_Assemble_6G-18G_2025-11-11
Pre Amp Gain
1. EMC-233-M_MLA-0618-B03-34_2025.12.17



Date 2026-02-27

Order No. DTNC2601-00634
Power Supply AC 120 V 60 Hz
Temp/Humi 16 'C 21 % R.H.
Test Condition Ka-BAND

Memo

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

Antenna Factor
1. EMC-233-A_EM-6969_156_2025.12.17
Cable Loss
1. #27, #28_Assemble_6G-18G_2025-11-11
Pre Amp Gain
1. EMC-233-M_MLA-0618-B03-34_2025.12.17

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	16341.000	31.70	35.68	12.61	35.93	44.06	74.0	29.94	125	223
2	16807.500	30.00	36.52	12.67	35.65	43.54	74.0	30.46	127	350
3	17413.500	29.80	36.70	12.70	35.17	44.03	74.0	29.97	118	228
----- VERTICAL -----										
4	16302.000	31.40	35.60	12.64	35.94	43.70	74.0	30.3	115	0
5	16696.500	31.20	36.39	12.64	35.74	44.49	74.0	29.51	119	358
6	17176.500	29.90	36.80	12.67	35.36	44.01	74.0	29.99	126	0

Radiated emissions at (6 ~ 18) GHz Average _ Measurement data

EUT operation mode			3
Test voltage (V)	AC 120	Test frequency (Hz)	60

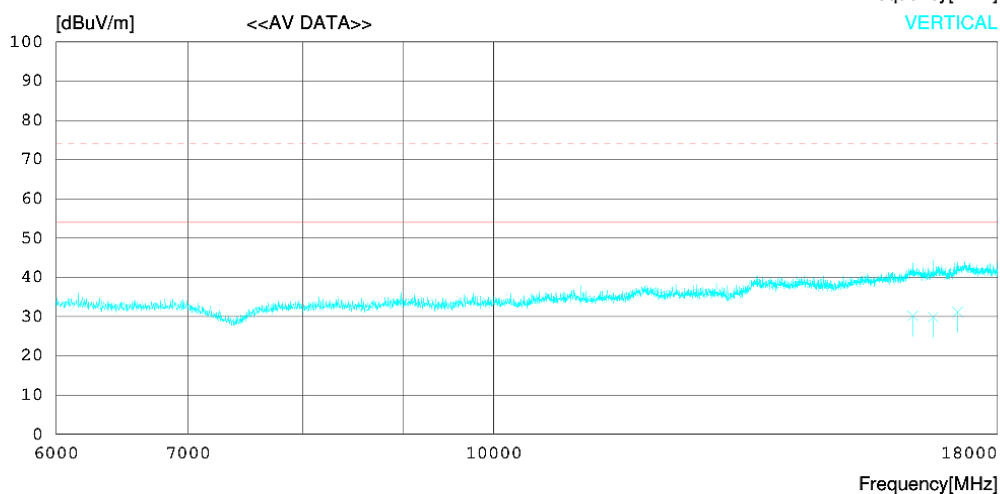
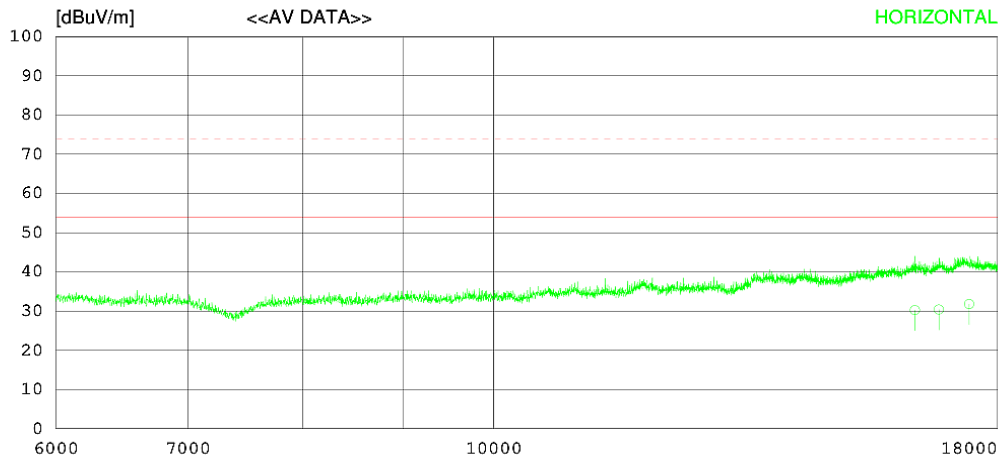
Date 2026-02-27

Order No. DTNC2601-00634
Power Supply AC 120 V 60 Hz
Temp/Humi 16 °C 21 % R.H.
Test Condition Ka-BAND

Memo

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

Antenna Factor
1. EMC-233-A_EM-6969_156_2025.12.17
Cable Loss
1. #27, #28_Assemble_6G-18G_2025-11-11
Pre Amp Gain
1. EMC-233-M_MLA-0618-B03-34_2025.12.17



Date 2026-02-27

Order No. DTNC2601-00634
Power Supply AC 120 V 60 Hz
Temp/Humi 16 'C 21 % R.H.
Test Condition Ka-BAND

Memo

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

Antenna Factor
1. EMC-233-A_EM-6969_156_2025.12.17
Cable Loss
1. #27, #28_Assemble_6G-18G_2025-11-11
Pre Amp Gain
1. EMC-233-M_MLA-0618-B03-34_2025.12.17

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]
----- HORIZONTAL -----										
1	16341.800	17.90	35.68	12.61	35.93	30.26	54.00	23.74	139	187
2	16807.100	16.90	36.51	12.67	35.65	30.43	54.00	23.57	127	118
3	17412.300	17.60	36.70	12.69	35.17	31.82	54.00	22.18	131	216
----- VERTICAL -----										
4	16303.420	17.90	35.61	12.64	35.94	30.21	54.00	23.79	118	163
5	16694.010	16.60	36.39	12.64	35.74	29.89	54.00	24.11	114	178
6	17178.210	17.10	36.80	12.67	35.36	31.21	54.00	22.79	119	156

Radiated emissions at (18 ~ 40) GHz Peak _ Measurement data

EUT operation mode			3
Test voltage (V)	AC 120	Test frequency (Hz)	60

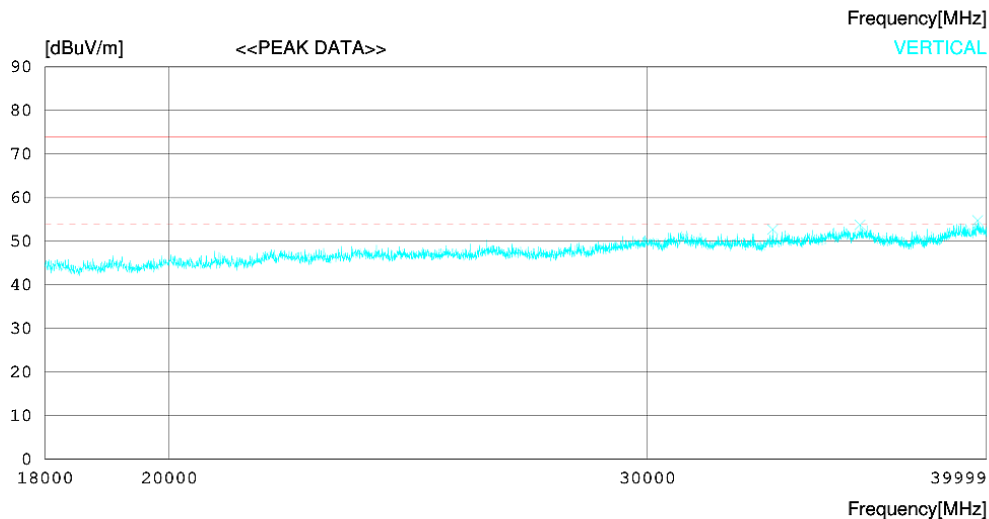
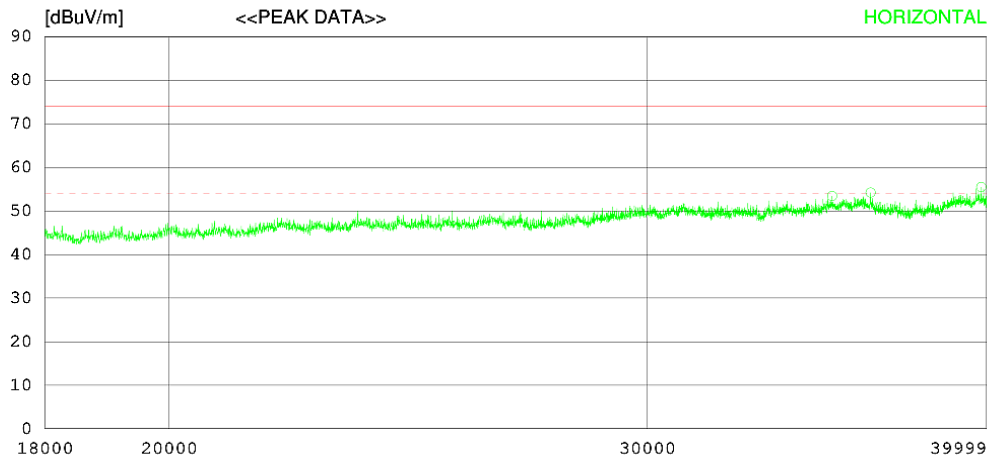
Date 2026-02-27

Order No. DTNC2601-00634
Power Supply AC 120 V 60 Hz
Temp/Humi 16 °C 21 % R.H.
Test Condition Ka-BAND

Memo

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

Antenna Factor
1. ANT_3116C_00240008_2025.08.01
Cable Loss
1. #33_C2_Amp to Receiver_10m_18-40G_2025-08-22
Pre Amp Gain
1. AMP_LNAS-50-18004000-33-5P_2025.08.01



Date 2026-02-27

Order No. DTNC2601-00634
Power Supply AC 120 V 60 Hz
Temp/Humi 16 'C 21 % R.H.
Test Condition Ka-BAND

Memo

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

Antenna Factor
1. ANT_3116C_00240008_2025.08.01
Cable Loss
1. #33_C2_Amp to Receiver_10m_18-40G_2025-08-22
Pre Amp Gain
1. AMP_LNAS-50-18004000-33-5P_2025.08.01

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]
----- HORIZONTAL -----										
1	35091.250	36.80	47.30	26.31	57.01	53.40	74.0	20.6	127	189
2	36251.750	38.90	46.80	26.55	58.05	54.20	74.0	19.8	119	358
3	39818.500	36.00	46.82	28.26	55.59	55.49	74.0	18.51	117	358
----- VERTICAL -----										
4	33361.500	36.00	47.36	25.30	55.94	52.72	74.0	21.28	113	263
5	35921.750	38.00	46.98	26.63	57.84	53.77	74.0	20.23	136	0
6	39692.000	35.70	46.69	28.24	55.79	54.84	74.0	19.16	123	0

Radiated emissions at (18 ~ 40) GHz Average _ Measurement data			
EUT operation mode			3
Test voltage (V)	AC 120	Test frequency (Hz)	60

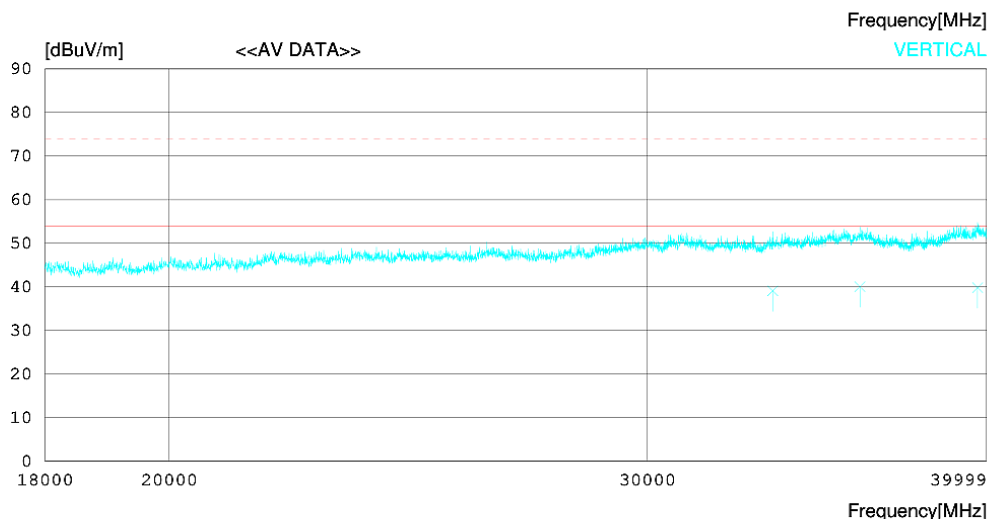
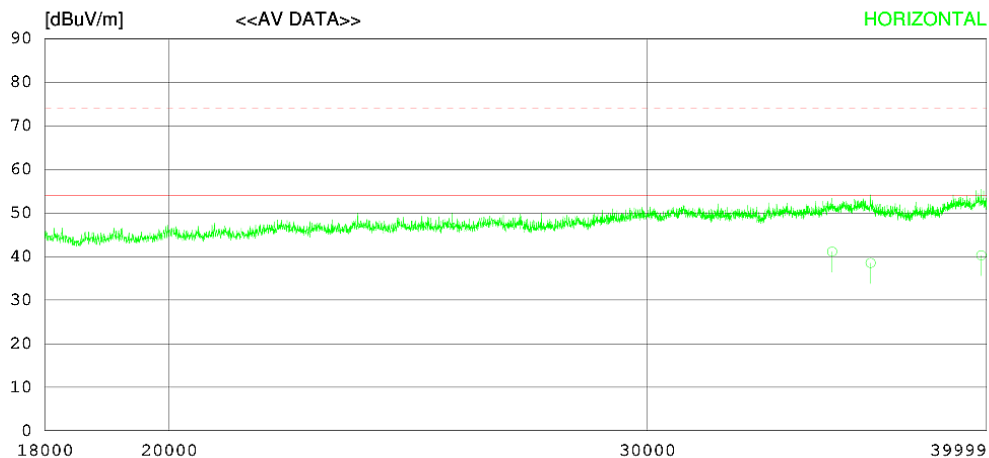
Date 2026-02-27

Order No. DTNC2601-00634
Power Supply AC 120 V 60 Hz
Temp/Humi 16 °C 21 % R.H.
Test Condition Ka-BAND

Memo

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

Antenna Factor
1. ANT_3116C_00240008_2025.08.01
Cable Loss
1. #33_C2_Amp to Receiver_10m_18-40G_2025-08-22
Pre Amp Gain
1. AMP_LNAS-50-18004000-33-5P_2025.08.01



Date 2026-02-27

Order No. DTNC2601-00634
Power Supply AC 120 V 60 Hz
Temp/Humi 16 'C 21 % R.H.
Test Condition Ka-BAND

Memo

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

Antenna Factor
1. ANT_3116C_00240008_2025.08.01
Cable Loss
1. #33_C2_Amp to Receiver_10m_18-40G_2025-08-22
Pre Amp Gain
1. AMP_LNAS-50-18004000-33-5P_2025.08.01

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]
----- HORIZONTAL -----										
1	35091.430	24.50	47.30	26.31	57.01	41.10	54.00	12.90	141	163
2	36251.750	23.20	46.80	26.55	58.05	38.50	54.00	15.50	125	138
3	39818.770	20.80	46.82	28.26	55.59	40.29	54.00	13.71	132	186
----- VERTICAL -----										
4	33361.270	22.40	47.36	25.29	55.94	39.11	54.00	14.89	112	204
5	35921.400	24.30	46.98	26.63	57.84	40.07	54.00	13.93	114	195
6	39692.660	20.70	46.69	28.24	55.79	39.84	54.00	14.16	119	127

Radiated emissions at (30 ~ 1 000) MHz _ Measurement data			
EUT operation mode			4
Test voltage (V)	AC 120	Test frequency (Hz)	60

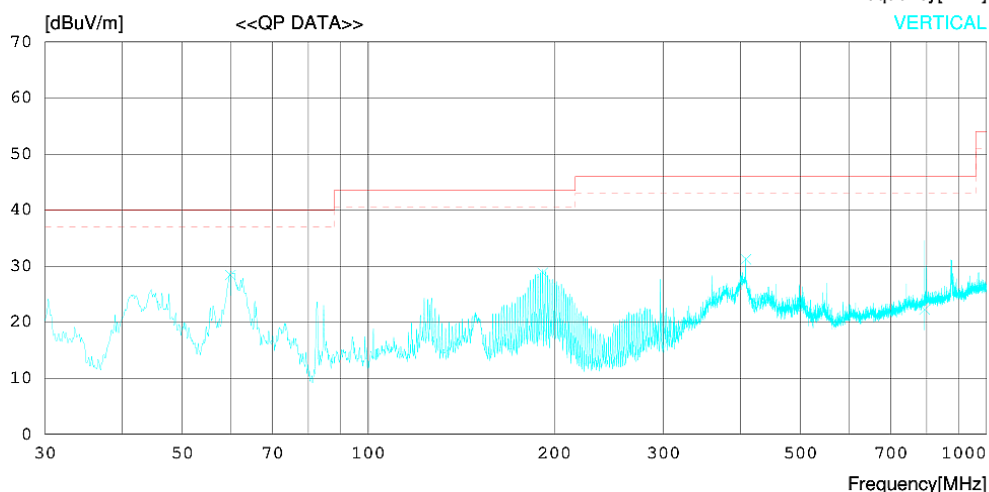
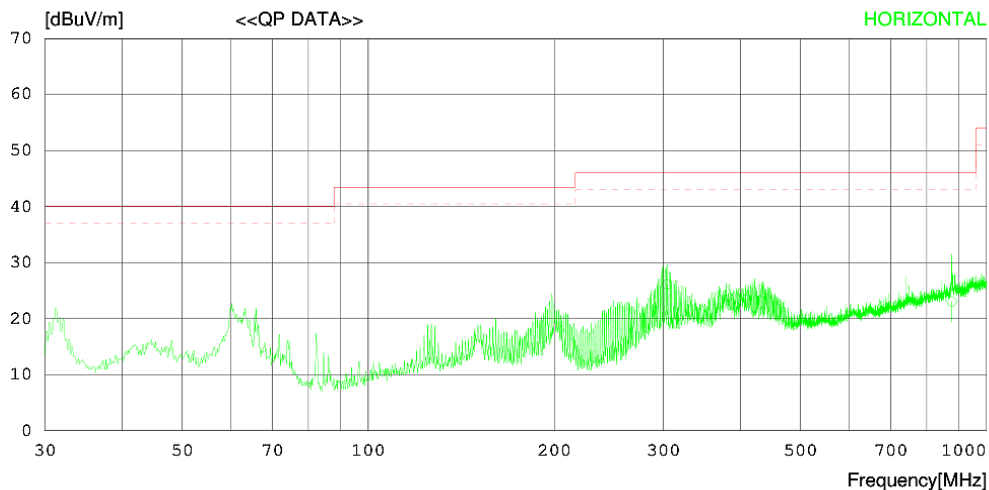
Date 2026-02-27

Order No. DTNC2601-00634
Power Supply AC 120 V 60 Hz
Temp/Humid 16 °C 21 % R.H.
Test Condition PC LINK

Memo

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

Antenna Factor
1. ANT_EMC-309_VULB9160_3363_with ATT_2024-10-07
Cable Loss
1. #24, 25, 26_Assemble_30M-1G_2025_11_11
Pre Amp Gain
1. EMC-110_AMP_MLA-100K01-B01-26_1252741_2026.02.12



Date 2026-02-27

Order No. DTNC2601-00634
Power Supply AC 120 V 60 Hz
Temp/Humi 16 °C 21 % R.H.
Test Condition PC LINK

Memo

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

Antenna Factor
1. ANT_EMC-309_VULB9160_3363_with ATT_2024-10-07
Cable Loss
1. #24, 25, 26_Assemble_30M-1G_2025_11_11
Pre Amp Gain
1. EMC-110_AMP_MLA-100K01-B01-26_1252741_2026.02.12

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	304.394	32.70	19.25	1.27	27.09	26.13	46.00	19.87	329	65
2	878.167	18.70	29.15	2.11	26.90	23.06	46.00	22.94	384	127
----- VERTICAL -----										
3	59.833	37.50	17.60	0.62	27.30	28.42	40.00	11.58	109	186
4	191.506	39.00	16.14	1.00	27.30	28.84	43.50	14.66	113	29
5	408.007	35.20	21.60	1.43	27.00	31.23	46.00	14.77	107	169
6	793.718	18.90	28.16	2.02	26.81	22.27	46.00	23.73	116	317

Radiated emissions at (1 ~ 6) GHz Peak _ Measurement data			
EUT operation mode			4
Test voltage (V)	AC 120	Test frequency (Hz)	60

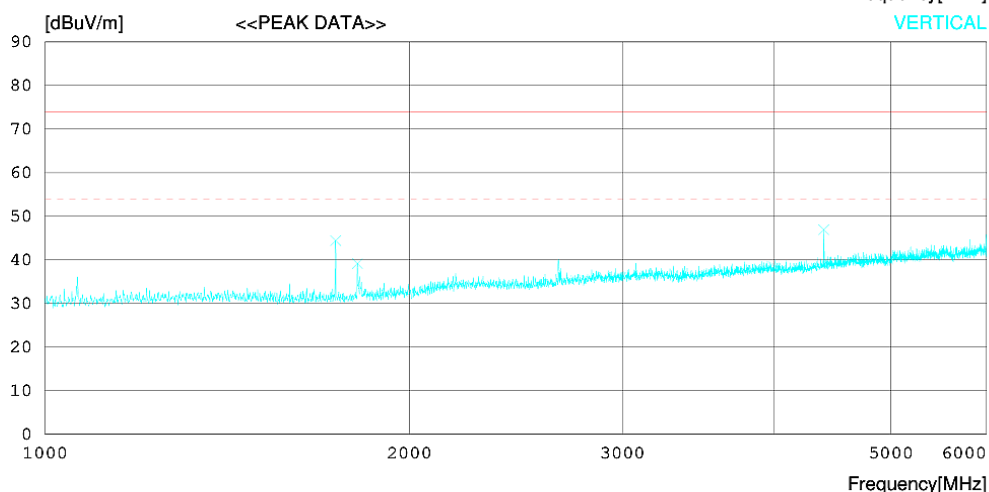
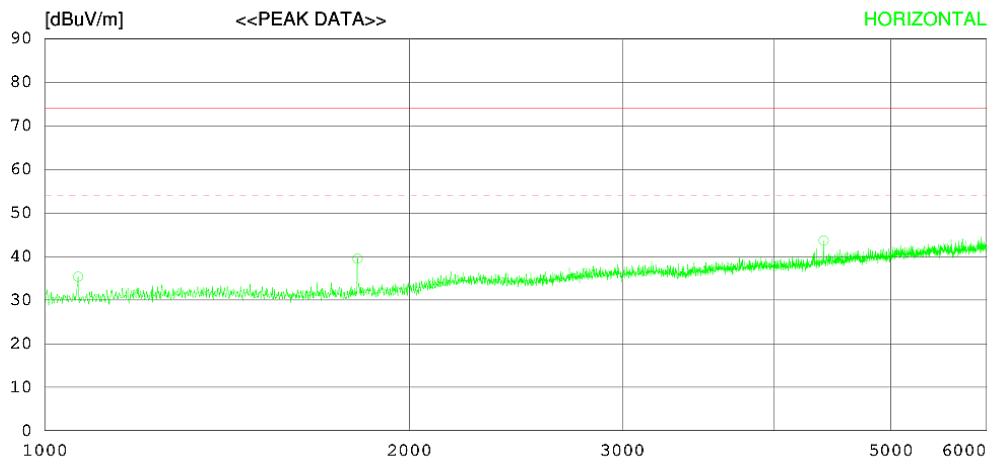
Date 2026-02-27

Order No. DTNC2601-00634
Power Supply AC 120 V 60 Hz
Temp/Humid 16 °C 21 % R.H.
Test Condition PC LINK

Memo

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

Antenna Factor
1. ANT_9120D_1014_25.08.01
Cable Loss
1. #27, #28, #29_Assemble_1G-6G_2025-11-11
Pre Amp Gain
1. AMP_MLA-100M18-B01-42_1872271_2025.08.01



Date 2026-02-27

Order No. DTNC2601-00634
Power Supply AC 120 V 60 Hz
Temp/Humi 16 'C 21 % R.H.
Test Condition PC LINK

Memo

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

Antenna Factor
1. ANT_9120D_1014_25.08.01
Cable Loss
1. #27, #28, #29_Assemble_1G-6G_2025-11-11
Pre Amp Gain
1. AMP_MLA-100M18-B01-42_1872271_2025.08.01

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	1065.000	54.90	25.13	3.29	47.97	35.35	74.0	38.65	162	0
2	1813.125	57.80	25.35	4.35	48.01	39.49	74.0	34.51	177	348
3	4400.000	54.10	30.50	6.92	47.86	43.66	74.0	30.34	152	202
----- VERTICAL -----										
4	1738.750	63.00	25.20	4.25	48.03	44.42	74.0	29.58	183	358
5	1811.875	57.50	25.35	4.34	48.01	39.18	74.0	34.82	142	59
6	4400.000	57.40	30.50	6.92	47.86	46.96	74.0	27.04	163	83

Radiated emissions at (1 ~ 6) GHz Average _ Measurement data

EUT operation mode			4
Test voltage (V)	AC 120	Test frequency (Hz)	60

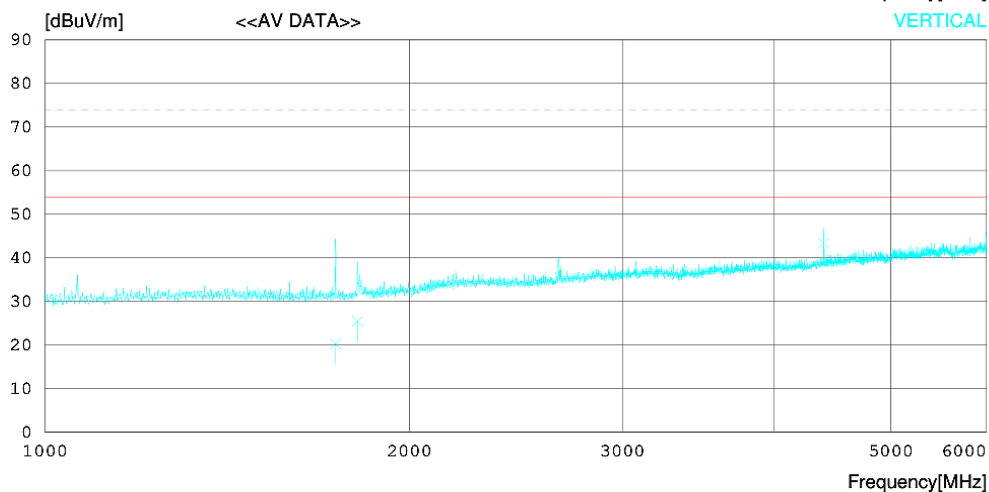
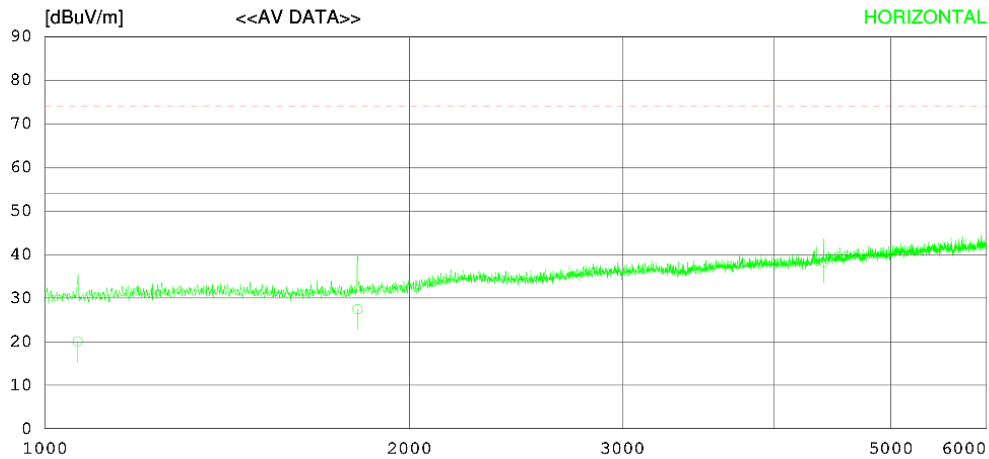
Date 2026-02-27

Order No. DTNC2601-00634
Power Supply AC 120 V 60 Hz
Temp/Humi 16 °C 21 % R.H.
Test Condition PC LINK

Memo

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

Antenna Factor
1. ANT_9120D_1014_25.08.01
Cable Loss
1. #27, #28, #29_Assemble_1G-6G_2025-11-11
Pre Amp Gain
1. AMP_MLA-100M18-B01-42_1872271_2025.08.01



Date 2026-02-27

Order No. DTNC2601-00634
Power Supply AC 120 V 60 Hz
Temp/Humi 16 'C 21 % R.H.
Test Condition PC LINK

Memo

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

Antenna Factor
1. ANT_9120D_1014_25.08.01
Cable Loss
1. #27, #28, #29_Assemble_1G-6G_2025-11-11
Pre Amp Gain
1. AMP_MLA-100M18-B01-42_1872271_2025.08.01

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]
----- HORIZONTAL -----										
1	1064.143	39.60	25.13	3.29	47.96	20.06	54.00	33.94	192	186
2	1812.772	45.80	25.35	4.35	48.01	27.49	54.00	26.51	164	127
3	4400.045	48.70	30.50	6.92	47.86	38.26	54.00	15.74	157	186
----- VERTICAL -----										
4	1738.366	38.90	25.20	4.25	48.03	20.32	54.00	33.68	118	193
5	1812.513	43.80	25.35	4.35	48.01	25.49	54.00	28.51	109	173
6	4400.073	53.80	30.50	6.92	47.86	43.36	54.00	10.64	113	195

Radiated emissions at (6 ~ 18) GHz Peak _ Measurement data			
EUT operation mode			4
Test voltage (V)	AC 120	Test frequency (Hz)	60

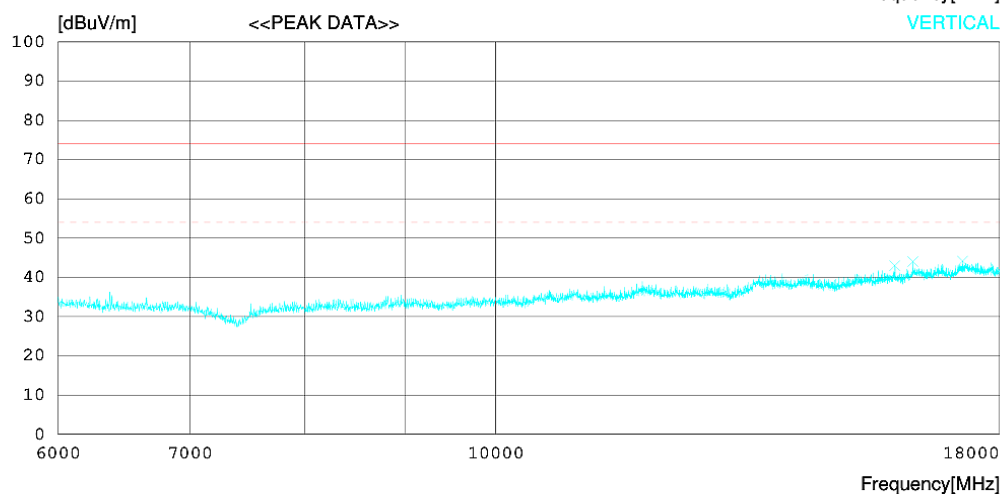
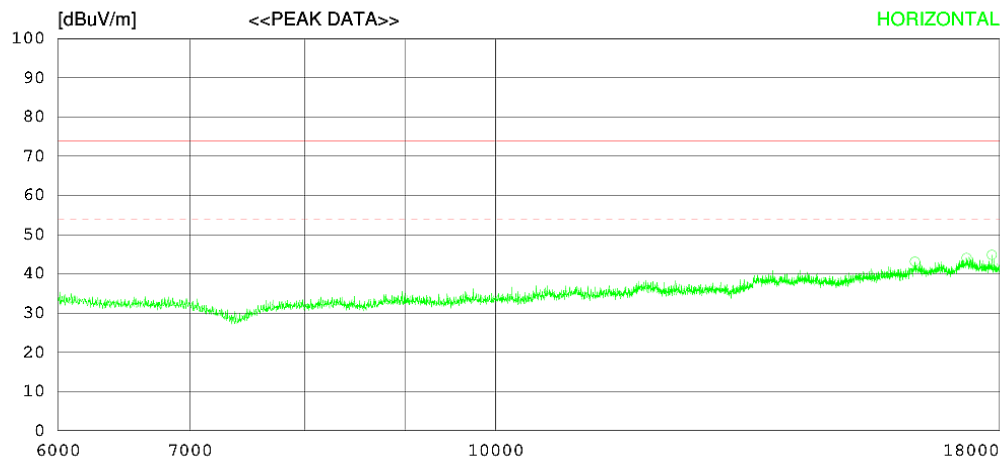
Date 2026-02-27

Order No. DTNC2601-00634
Power Supply AC 120 V 60 Hz
Temp/Humi 16 °C 21 % R.H.
Test Condition PC LINK

Memo

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

Antenna Factor
1. EMC-233-A_EM-6969_156_2025.12.17
Cable Loss
1. #27, #28_Assemble_6G-18G_2025-11-11
Pre Amp Gain
1. EMC-233-M_MLA-0618-B03-34_2025.12.17



Date 2026-02-27

Order No. DTNC2601-00634
Power Supply AC 120 V 60 Hz
Temp/Humi 16 'C 21 % R.H.
Test Condition PC LINK

Memo

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

Antenna Factor
1. EMC-233-A_EM-6969_156_2025.12.17
Cable Loss
1. #27, #28_Assemble_6G-18G_2025-11-11
Pre Amp Gain
1. EMC-233-M_MLA-0618-B03-34_2025.12.17

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	16306.500	30.80	35.61	12.64	35.94	43.11	74.0	30.89	131	351
2	17320.500	29.80	36.80	12.68	35.24	44.04	74.0	29.96	127	347
3	17838.000	31.60	36.70	12.72	36.18	44.84	74.0	29.16	113	358
----- VERTICAL -----										
4	15924.000	30.80	35.20	12.98	36.00	42.98	74.0	31.02	121	208
5	16266.000	31.80	35.53	12.67	35.95	44.05	74.0	29.95	118	0
6	17238.000	30.00	36.80	12.67	35.31	44.16	74.0	29.84	129	15

Radiated emissions at (6 ~ 18) GHz Average _ Measurement data

EUT operation mode			4
Test voltage (V)	AC 120	Test frequency (Hz)	60

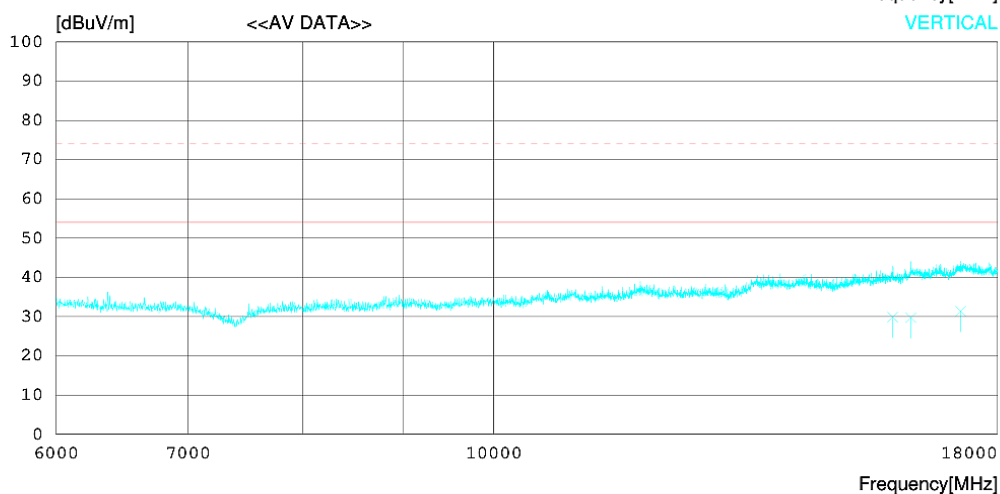
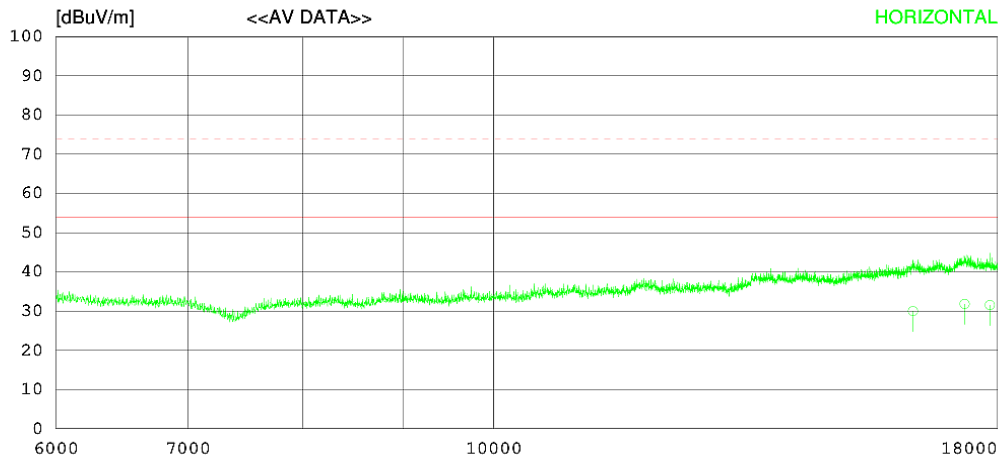
Date 2026-02-27

Order No. DTNC2601-00634
Power Supply AC 120 V 60 Hz
Temp/Humi 16 °C 21 % R.H.
Test Condition PC LINK

Memo

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

Antenna Factor
1. EMC-233-A_EM-6969_156_2025.12.17
Cable Loss
1. #27, #28_Assemble_6G-18G_2025-11-11
Pre Amp Gain
1. EMC-233-M_MLA-0618-B03-34_2025.12.17



Date 2026-02-27

Order No. DTNC2601-00634
Power Supply AC 120 V 60 Hz
Temp/Humi 16 'C 21 % R.H.
Test Condition PC LINK

Memo

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

Antenna Factor
1. EMC-233-A_EM-6969_156_2025.12.17
Cable Loss
1. #27, #28_Assemble_6G-18G_2025-11-11
Pre Amp Gain
1. EMC-233-M_MLA-0618-B03-34_2025.12.17

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]
----- HORIZONTAL -----										
1	16305.270	17.70	35.61	12.64	35.94	30.01	54.00	23.99	138	176
2	17320.560	17.60	36.80	12.68	35.24	31.84	54.00	22.16	124	172
3	17838.620	18.30	36.70	12.72	36.18	31.54	54.00	22.46	128	163
----- VERTICAL -----										
4	15924.240	17.70	35.20	12.98	36.00	29.88	54.00	24.12	119	210
5	16266.260	17.50	35.53	12.67	35.95	29.75	54.00	24.25	115	178
6	17238.450	17.20	36.80	12.67	35.31	31.36	54.00	22.64	116	182

Radiated emissions at (18 ~ 40) GHz Peak _ Measurement data

EUT operation mode			4
Test voltage (V)	AC 120	Test frequency (Hz)	60

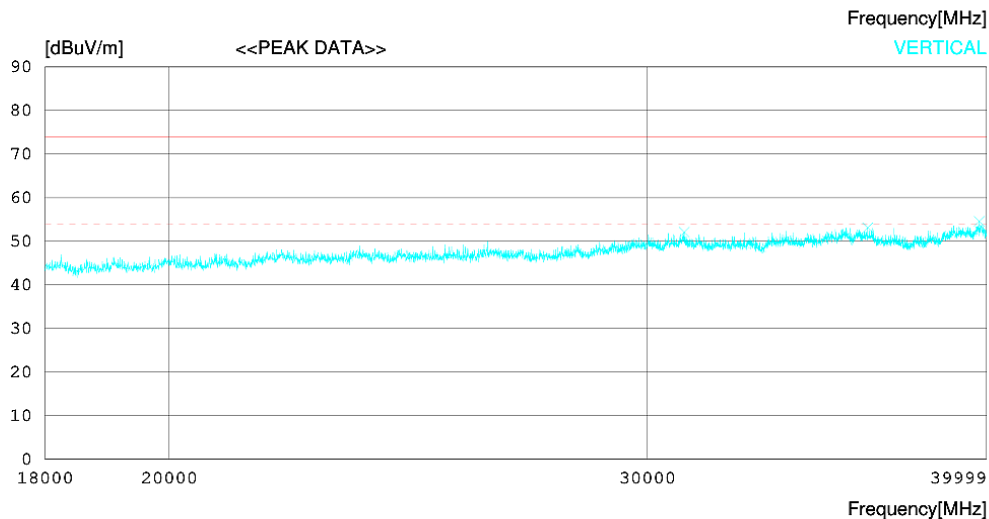
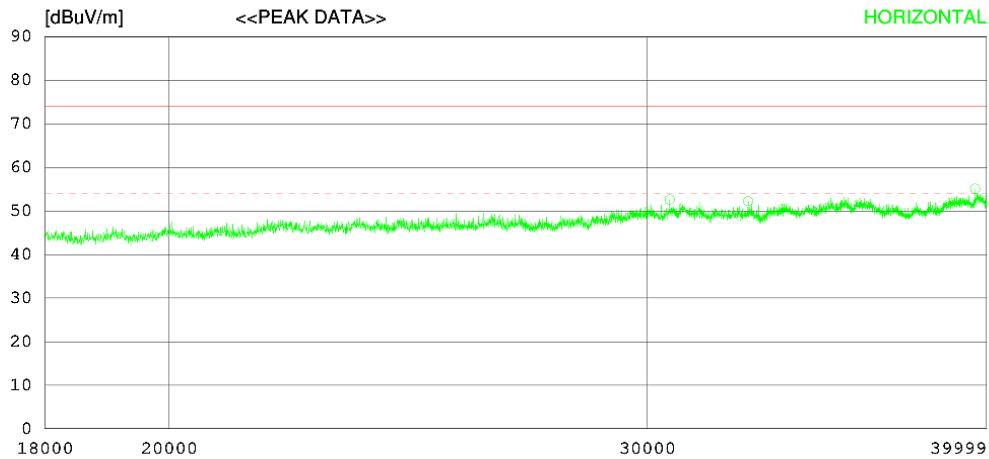
Date 2026-02-27

Order No. DTNC2601-00634
Power Supply AC 120 V 60 Hz
Temp/Humi 16 °C 21 % R.H.
Test Condition PC LINK

Memo

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

Antenna Factor
1. ANT_3116C_00240008_2025.08.01
Cable Loss
1. #33_C2_Amp to Receiver_10m_18-40G_2025-08-22
Pre Amp Gain
1. AMP_LNAS-50-18004000-33-5P_2025.08.01



Date 2026-02-27

Order No. DTNC2601-00634
Power Supply AC 120 V 60 Hz
Temp/Humi 16 'C 21 % R.H.
Test Condition PC LINK

Memo

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

Antenna Factor
1. ANT_3116C_00240008_2025.08.01
Cable Loss
1. #33_C2_Amp to Receiver_10m_18-40G_2025-08-22
Pre Amp Gain
1. AMP_LNAS-50-18004000-33-5P_2025.08.01

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]
----- HORIZONTAL -----										
1	30575.750	36.70	46.80	24.05	54.95	52.60	74.0	21.4	159	358
2	32676.750	35.90	47.20	24.63	55.54	52.19	74.0	21.81	127	358
3	39612.250	36.20	46.61	28.22	55.92	55.11	74.0	18.89	115	358
----- VERTICAL -----										
4	30949.750	35.70	46.80	24.80	55.17	52.13	74.0	21.87	119	276
5	36163.750	37.70	46.84	26.57	58.00	53.11	74.0	20.89	123	0
6	39749.750	35.30	46.75	28.25	55.70	54.60	74.0	19.4	128	0

Radiated emissions at (18 ~ 40) GHz Average _ Measurement data

EUT operation mode			4
Test voltage (V)	AC 120	Test frequency (Hz)	60

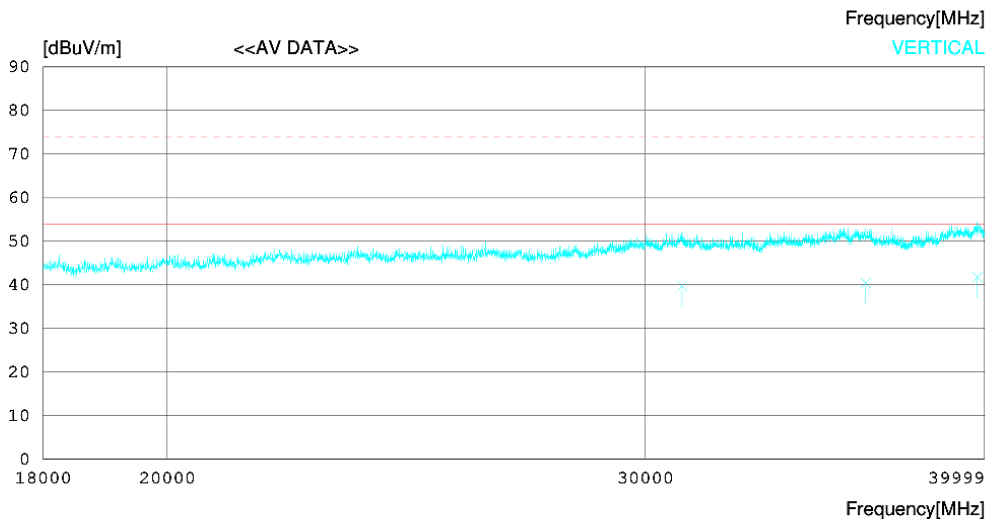
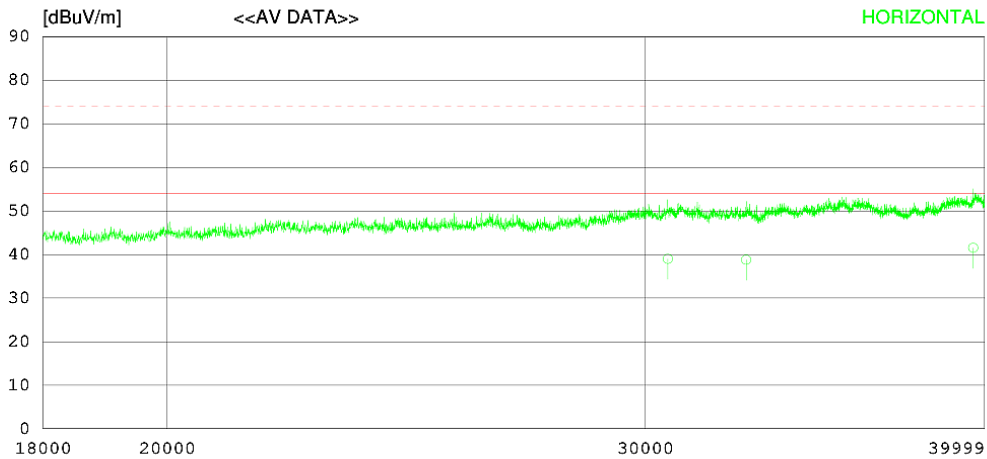
Date 2026-02-27

Order No. DTNC2601-00634
Power Supply AC 120 V 60 Hz
Temp/Humid 16 °C 21 % R.H.
Test Condition PC LINK

Memo

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

Antenna Factor
1. ANT_3116C_00240008_2025.08.01
Cable Loss
1. #33_C2_Amp to Receiver_10m_18-40G_2025-08-22
Pre Amp Gain
1. AMP_LNAS-50-18004000-33-5P_2025.08.01



Date 2026-02-27

Order No. DTNC2601-00634
Power Supply AC 120 V 60 Hz
Temp/Humi 16 'C 21 % R.H.
Test Condition PC LINK

Memo

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

Antenna Factor

1. ANT_3116C_00240008_2025.08.01

Cable Loss

1. #33_C2_Amp to Receiver_10m_18-40G_2025-08-22

Pre Amp Gain

1. AMP_LNAS-50-18004000-33-5P_2025.08.01

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]
----- HORIZONTAL -----										
1	30577.470	23.10	46.80	24.05	54.95	39.00	54.00	15.00	154	177
2	32676.200	22.50	47.20	24.63	55.54	38.79	54.00	15.21	133	174
3	39612.210	22.60	46.61	28.22	55.92	41.51	54.00	12.49	127	168
----- VERTICAL -----										
4	30947.470	23.30	46.80	24.79	55.17	39.72	54.00	14.28	115	251
5	36161.060	25.10	46.84	26.57	58.00	40.51	54.00	13.49	111	187
6	39750.920	22.50	46.75	28.25	55.70	41.80	54.00	12.20	116	163

7.3 Antenna Power Conduction

ANSI C63.4	Antenna power conduction		Result
<u>Method:</u> Power on the receive antenna terminals was to be determined by measurement of the voltage present at these terminals. Antenna conducted power measurements was performed with the EUT antenna terminals connected directly to measuring instrument using a impedance-Matching network to connect the measurement Instrument to the antenna terminals of the EUT. The losses in decibels in impedance-matching network and cables was added to the measured values in dBμV. The measurements were repeated with the receiver tuned to a frequency until all of frequencies had been successively measured. Power in the receive antenna terminals in the ratio of V ² /R, where V is the loss-corrected voltage measured at the antenna terminals, and R is the impedance of the measuring instrument			Not Applicable
Fully configured sample scanned over the following frequency range	Frequency range on each side of line	Limit	
	30 MHz to 1 000 MHz	2 nW (50 dBμV)	
	54 MHz to 300 MHz 300 MHz to 450 MHz 450 MHz to 804 MHz	-26 dBmV (34 dBμV) -20 dBmV (40 dBμV) -15 dBmV (45 dBμV)	
Measurement Point	Tuner port		
EUT mode (Refer to clauses 4)	EUT Operation mode	N/A	

Measurement Instrument					
Description	Model	Manufacturer	Identifier	Cal. Due Date	Cal. Cycle
-	-	-	-	-	-

8. Revision History

Date	Report No. (Order No.)	Description	Revised By	Reviewed By
Mar. 17. 2026.	DREKFCC2603-0030 (DTNC2601-00634)	Initial report	DongHeon Kang	HyungJun Kim
Jul. 08. 2026.	DREKFCC2603-0030(1) (DTNC2607-05204)	Change applicant's address	DongHeon Kang	ChulMin Ji

-End of test report-