

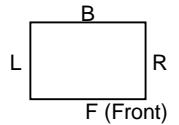
# RADIATED IMMUNITY



Test Report #: NC72158851

Test Area: SAC1

FACE DEFINITION  
(TOP VIEW)



EUT Model #: 34044-205C

Date: 24-25 March, 2020

T = Top  
U = Under Side

EUT Serial #: N/A

EUT Power: 32VDC

Temperature: 24.0 °C

Test Method: IEC 61000-4-3 per IEC 61000-6-2:2016, IEC 61131-2:2007

Air Pressure: 97.7 kPa

Customer: Data Panel

Relative Humidity: 28.0 %

EUT Description: DPBlock Input module

Page: 1 of 5

Notes: This unit has a TVS diode on the Power Supply

TEST FREQUENCY (MHz)	TEST LEVEL (V/m)	MODULATION TYPE (SEE KEY)	FIELD POLAR. (H/V)	ANTENNA DIST. (METERS)	STEP SIZE (%)	DWELL TIME (SEC.)	EUT FACE	COMPLIES		CRITERIA MET	REMARKS
								Yes	No		
1000	3	1	H	2	1	3	F	✓		A	
↓	↓	↓	↓	↓	↓	↓	↓	✓		A	
6000	↓	↓	↓	↓	↓	↓	↓	✓		A	
1000	3	1	V	2	1	3	F	✓		A	
↓	↓	↓	↓	↓	↓	↓	↓	✓		A	
6000	↓	↓	↓	↓	↓	↓	↓	✓		A	
1000	3	1	V	2	1	3	R	✓		A	
↓	↓	↓	↓	↓	↓	↓	↓	✓		A	
6000	↓	↓	↓	↓	↓	↓	↓	✓		A	
1000	3	1	H	2	1	3	R	✓		A	
↓	↓	↓	↓	↓	↓	↓	↓	✓		A	
6000	↓	↓	↓	↓	↓	↓	↓	✓		A	
1000	3	1	H	2	1	3	B	✓		A	
↓	↓	↓	↓	↓	↓	↓	↓	✓		A	
6000	↓	↓	↓	↓	↓	↓	↓	✓		A	
1000	3	1	V	2	1	3	B	✓		A	
↓	↓	↓	↓	↓	↓	↓	↓	✓		A	
6000	↓	↓	↓	↓	↓	↓	↓	✓		A	
1000	3	1	V	2	1	3	L	✓		A	
↓	↓	↓	↓	↓	↓	↓	↓	✓		A	
6000	↓	↓	↓	↓	↓	↓	↓	✓		A	
1000	3	1	H	2	1	3	L	✓		A	
↓	↓	↓	↓	↓	↓	↓	↓	✓		A	
6000	↓	↓	↓	↓	↓	↓	↓	✓		A	

Tested by: Eugen Lifteniu  
Printed

*Eugen*  
Signature

Reviewed by: \_\_\_\_\_  
Printed

Signature

Modulation Key					
#	Type	Freq.	Shape	Duty	Depth
1	AM	1 kHz	Sine	N/A	80%
2	PM	200 Hz	Square	50%	100%
3	AM	2 Hz	Sine	N/A	80%
4					
5					

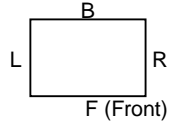
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								Yes	No		
1000	3	1	H	2	1	3	T	✓		A	
↓	↓	↓	↓	↓	↓	↓	↓	✓		A	
6000	↓	↓	↓	↓	↓	↓	↓	✓		A	
1000	3	1	V	2	1	3	T	✓		A	
↓	↓	↓	↓	↓	↓	↓	↓	✓		A	
6000	↓	↓	↓	↓	↓	↓	↓	✓		A	
1000	3	1	V	2	1	3	U	✓		A	
↓	↓	↓	↓	↓	↓	↓	↓	✓		A	
6000	↓	↓	↓	↓	↓	↓	↓	✓		A	
1000	3	1	H	2	1	3	U	✓		A	
↓	↓	↓	↓	↓	↓	↓	↓	✓		A	
6000	↓	↓	↓	↓	↓	↓	↓	✓		A	
80	10	1	H	2	1	3	U	✓		A	
↓	↓	↓	↓	↓	↓	↓	↓	✓		A	
1000	↓	↓	↓	↓	↓	↓	↓	✓		A	
80	10	1	V	2	1	3	U	✓		A	
↓	↓	↓	↓	↓	↓	↓	↓	✓		A	
1000	↓	↓	↓	↓	↓	↓	↓	✓		A	
80	10	1	V	2	1	3	T	✓		A	
↓	↓	↓	↓	↓	↓	↓	↓	✓		A	
1000	↓	↓	↓	↓	↓	↓	↓	✓		A	
80	10	1	H	2	1	3	T	✓		A	
↓	↓	↓	↓	↓	↓	↓	↓	✓		A	
1000	↓	↓	↓	↓	↓	↓	↓	✓		A	

Tested by: Eugen Lifteniuc  
Printed

Signature

Reviewed by: \_\_\_\_\_  
Printed

Signature

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2	PM	200 Hz	Square	50%	100%
3	AM	2 Hz	Sine	N/A	80%
4					
5					

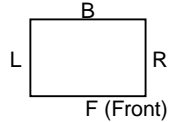
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Air Pressure: 97.7 kPa

Customer: Data Panel

Relative Humidity: 28.0 %

EUT Description: DPBlock Input module

Page: 3 of 5

Notes: This unit has a TVS diode on the Power Supply

TEST FREQUENCY (MHz)	TEST LEVEL (V/m)	MODULATION TYPE (SEE KEY)	FIELD POLAR. (H/V)	ANTENNA DIST. (METERS)	STEP SIZE (%)	DWELL TIME (SEC.)	EUT FACE	COMPLIES		CRITERIA MET	REMARKS
								Yes	No		
80	10	1	H	2	1	3	F	✓		A	
↓	↓	↓	↓	↓	↓	↓	↓	✓		A	
1000	↓	↓	↓	↓	↓	↓	↓	✓		A	
80	10	1	V	2	1	3	F	✓		A	
↓	↓	↓	↓	↓	↓	↓	↓	✓		A	
1000	↓	↓	↓	↓	↓	↓	↓	✓		A	
80	10	1	V	2	1	3	R	✓		A	
↓	↓	↓	↓	↓	↓	↓	↓	✓		A	
1000	↓	↓	↓	↓	↓	↓	↓	✓		A	
80	10	1	H	2	1	3	R	✓		A	
↓	↓	↓	↓	↓	↓	↓	↓	✓		A	
1000	↓	↓	↓	↓	↓	↓	↓	✓		A	
80	10	1	H	2	1	3	L	✓		A	
↓	↓	↓	↓	↓	↓	↓	↓	✓		A	
1000	↓	↓	↓	↓	↓	↓	↓	✓		A	
80	10	1	V	2	1	3	L	✓		A	
↓	↓	↓	↓	↓	↓	↓	↓	✓		A	
1000	↓	↓	↓	↓	↓	↓	↓	✓		A	
80	10	1	V	2	1	3	B	✓		A	
↓	↓	↓	↓	↓	↓	↓	↓	✓		A	
1000	↓	↓	↓	↓	↓	↓	↓	✓		A	
80	10	1	H	2	1	3	B	✓		A	
↓	↓	↓	↓	↓	↓	↓	↓	✓		A	
1000	↓	↓	↓	↓	↓	↓	↓	✓		A	

Tested by: Eugen Lifteniuc  
Printed

Signature

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Modulation Key					
#	Type	Freq.	Shape	Duty	Depth
1	AM	1 kHz	Sine	N/A	80%
2	PM	200 Hz	Square	50%	100%
3	AM	2 Hz	Sine	N/A	80%
4					
5					

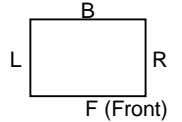
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EUT Power: 32VDC

Temperature: 24.0 °C

Test Method: IEC 61000-4-3 per IEC 61000-6-2:2016, IEC 61131-2:2007

Air Pressure: 97.7 kPa

Customer: Data Panel

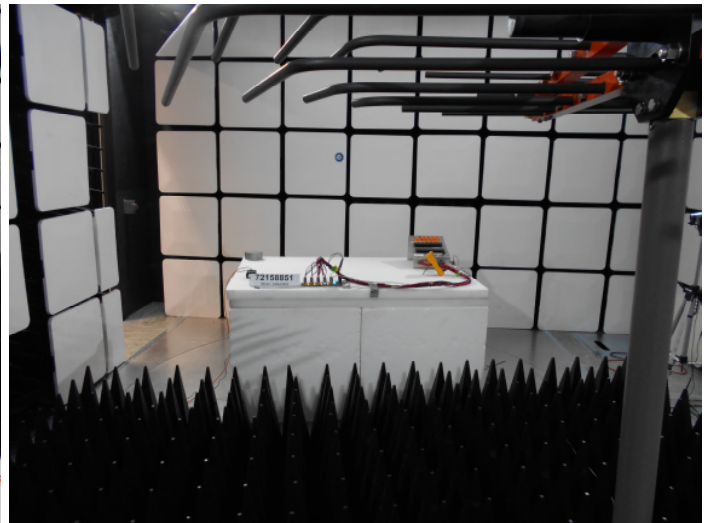
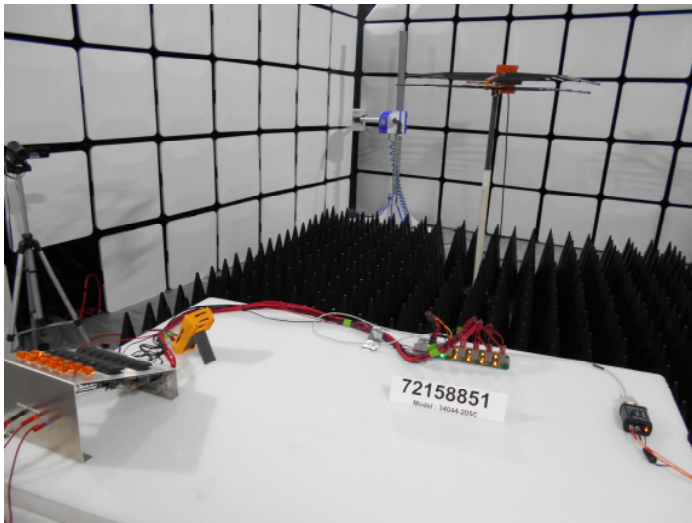
Relative Humidity: 28.0 %

EUT Description: DPBlock Input module

Page: 4 of 5

Notes: This unit has a TVS diode on the Power Supply

## Test Setup Photo (80-1000MHz)



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Printed

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Modulation Key					
#	Type	Freq.	Shape	Duty	Depth
1	AM	1 kHz	Sine	N/A	80%
2	PM	200 Hz	Square	50%	100%
3	AM	2 Hz	Sine	N/A	80%
4					
5					

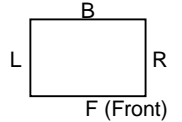
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Test Report #: NC72158851

Test Area: SAC1

FACE DEFINITION  
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EUT Model #: 34044-205C

Date: 24-25 March, 2020

T = Top  
U = Under Side

EUT Serial #: N/A

EUT Power: 32VDC

Temperature: 24.0 °C

Test Method: IEC 61000-4-3 per IEC 61000-6-2:2016, IEC 61131-2:2007

Air Pressure: 97.7 kPa

Customer: Data Panel

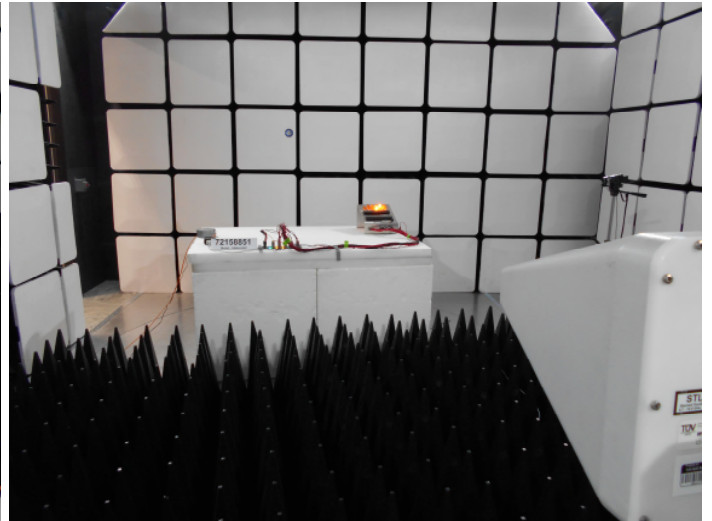
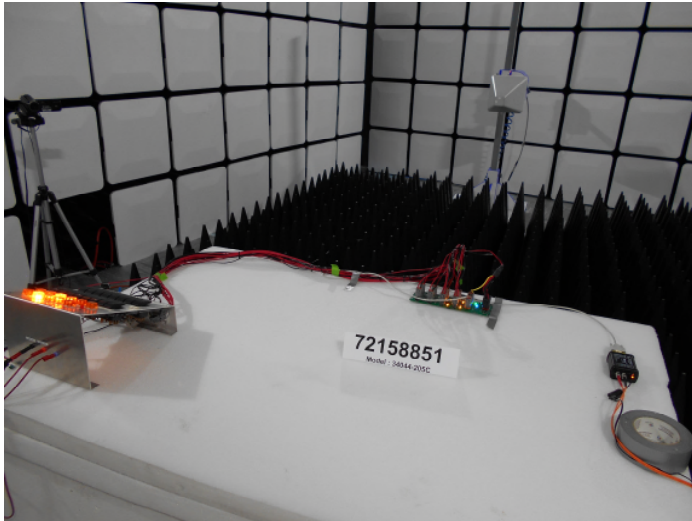
Relative Humidity: 28.0 %

EUT Description: DPBlock Input module

Page: 5 of 5

Notes: This unit has a TVS diode on the Power Supply

## Test Setup Photo (1000-6000MHz)



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*Eugen Lifteniuc*  
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Modulation Key					
#	Type	Freq.	Shape	Duty	Depth
1	AM	1 kHz	Sine	N/A	80%
2	PM	200 Hz	Square	50%	100%
3	AM	2 Hz	Sine	N/A	80%
4					
5					