

Applicant Name: Texas Instruments Incorporated

Applicant Address: 2nd Floor, No.72, Liangxiu Road, Pudong New Discrete, Shanghai

Report Date: 2019-12-31

Attn: Frank Qiu

The following sample (s) was/were submitted and identified on behalf of the client as:

Product:	EVM
Samples Quantity:	1
Sample ID:	IAS19070336.001
Part/Model umber:	N/A
Date Received:	2019-12-27
Date Test Conducted:	2019-12-27~2019-12-27

Test address different from lab address (if existed) :N/A

Tests Conducted:

Per Client's Requirements

Conclusion:

Section No.		Test Name			Evaluation
N/A		See page 3			See page 3

Should you have any queries about the test report, please contact:

Approved by:

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R-EMC-014B

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Client Information

Client:	Texas Instruments Incorporated
Address:	2nd Floor, No.72, Liangxiu Road, Pudong New Discrete, Shanghai
Phone:	18958088961
Fax:	N/A

Samples Information

Sample Number	Model Number	Received date	DUT S/N	Returned date
IAS19070336.001	N/A	2019-12-27	N/A	TBD

Testing Period

Testing start date:	2019-12-27
Testing end date:	2019-12-27

Report changes and revisions tracking:

Date	Change	Revision number		
N/A	N/A	N/A		

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TEST RESULTS GENERAL SUMMARY:

ES96200_00_EN_Ver.17				
IAS19070336.001	Remarks			
Mode 1	Remarks			
Bulk Current Injection (BCI)				
Meet requirement	None			





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		RESULTS AND PHOTOS	
		Bulk Current Injection.	
3	TEST	EQUIPMENT	8
	3.1	TEST EQUIPMENT FOR BULK CURRENT INJECTION	8

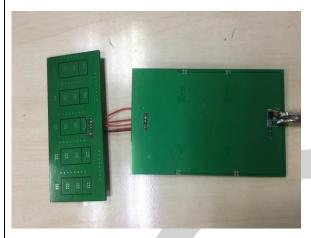


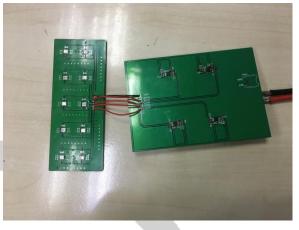


DUT Description

DUT Name: **EVM** Sample Number: IAS19070336.001 Part/Model Number: N/A

Close Photo:





Photos of the DUT(s) (IAS19070336.001)

Photos of the DUT(s) (IAS19070336.001)

Mode 1:

DUT was powered, and the lamp was on.

Test Results and photos

2.1 **Bulk Current Injection**

2.1.1 Acceptance criteria for BCI

Working Mode	Monitoring Parameters	Acceptance	Test Level	Status
Mode1	The brightness of the lamp	The brightness of the lamp was normal	200mA	I

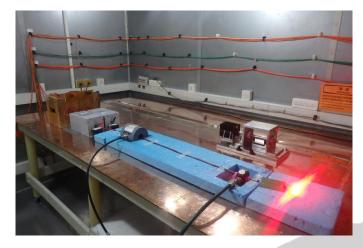
2.1.2 Test results

ES96200_00_EN_Ver.17 Bulk Current Injection Test Results							
Product Name: EVN	Product Name: EVM Mode name: Mode1						
Sample Number: IA	\$19070336.001			Testing L	ocation: CHA 001		
Temperature: 20-21	Temperature: 20-21 degree C Testing Start Date: 2019-12-27						
Humidity: 40-42 %	Humidity: 40-42 %				Testing End Date: 2019-12-27		
			Mod	de 1			
Fraguency	Position	Modulation	Tost	Level	Test Results Description		
Frequency	Position	iviodulation	iest	Levei	IAS19070336.001		
1MHz to 400MHz	900mm	CW	20	No dev <mark>iation o</mark> bserved			
TIVINZ (U 400IVINZ	900mm	AM	20	UIIIA	No deviation observed		

Test Results Meet the Requirements



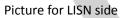
2.1.3 Test photographs



Picture for general setup

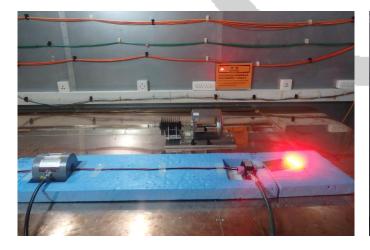
Picture for DUT







Picture for battery & LISN grounding



Picture for current side



Picture for monitoring interface

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Test Equipment

Test Equipment for Bulk Current Injection 3.1

Asset#	Description	Model or model number	Serial number	Calibration due date
SWT072	Intertek-Immunity-XinLab	Intertek Immunity-XinLab	version 3.1	Reference Only
EMS001	Signal Generator	Rohde & Schwarz SML01	104089	2020-11-15
EMS311	Amplifier	AR 200A400A	348789	2020-03-08
EMS299	Dual Directional Coupler	WERLATONE C6021-10	110374	2020-01-08
EMS222	Power meter	Agilent Technologies E4417A	MY5403001	2020-06-10
EMS217-1	Power sensor	Agilent E9304A	MY53190023	2020-06-10
EMS217-2	Power sensor	Agilent E9304A	MY53220004	2020-06-10
EMS032	Spectrum Analyzer	Advantest R3361C	81720168	2020-06-10
EMS006	Current Probe	EMCO 94111-1	00057282	2020-08-05
EMS171	Bulk current injection probe	FCC F-120-8	112396	Reference Only
EMS172	BCI calibration fixture BCI	FCC FCC-BCICF-4	112 <mark>397</mark>	Reference Only
EMS105-2	Attenuator	Mini-Circuits BW-40N100W+	N/A	2020-01-08
EMS199	LISN	Solar Electronics Co,. Ltd 9117-5-TS-50-N	127778	2020-09-01
EMS201	LISN	Solar Electronics Co,. Ltd 9117-5-TS-50-N	127780	2020-09-01
EMS284-1	50 Ω Termination	N/A 25W DC-3GHz	N/A	2020-03-08
EMS284-2	50 Ω Termination	N/A 25W DC-3GHz	N/A	2020-03-08
EMS155	Termination	N/A BNC, 50Ω	N/A	Reference Only

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EMS156	Attenuator	Mini-Circuits 20dB/50Ω,UNAT-20t	15542	2020-01-08
EMS354-1	Attenuator	Mini-Circuits BW-40N100W+	VN286001826	2020-01-08
EMS158-1	Cable	HUBER+SUHNER EF-393U/2*11N-50-7-5/4m	N/A	2020-01-08
EMS234	Cable	intertek 3m	N/A	2020-01-08
EMS235	Cable	intertek 1.5m	N/A	2020-01-08
EMS236	Cable	intertek1.5m	N/A	2020-01-08
ESD027-3	Temperature and Humidity Recorder	Testo 174H	26922355	2020-05-14
CHA010-1	Monitor	PONTIS Con4201	6061339312	Reference Only
CHA001	BCI Shielded Room	ETS-Lindgren 5*3.1*2.5	N/A	2020-01-12
EMI010	Digital Multimeter	Fluke 187	90140298	2020-10-14
EMS155	Termination	N/A BNC, 50Ω	N/A	Reference Only
EMS149-4	Tape measure	SIJIAWU 3m	N/A	Initial Calibration Only



The End of Report

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