

Wireless Display Driver

Model No.: W-DIS-D

Date: 22-Dec-2013

Report Prepared By:

Sasikala Subramani





Report Number	EMC-1259-2			
		No.		
EUT Nomenclature	Wireless Display			
	Model No.	: W-DIS-D		
Sample Identification	Sl. No.	: 05313		
	Software Version	: 5.82		
Newsbar of Oanselea	Hardware Versior	n : Rev 3		
Number of Samples	26-08-2013			
Date of receipt of Sample				
Condition of Sample on receipt	Good	tional ha		
Client name	Honeyw ell Internat	tional inc.		
	Honeyw ell Life Sat	fety,		
Client Address	12 , Clintonville Ro	-		
	Northford, Connec	ticut, USA - 06472		
		0.14		
Testing Laboratory		ology Solutions Lab Pvt. Ltd.		
		DINFRASTRUCTURE PVT. LTD.,		
Address	` •	rmerly Adarsh Prime Projects Pvt. Ltd., SEZ).		
		vey # 19/2, Devarabisanahalli Village, thur Hobli, Bangalore East Taluk, Bangalore – 560103		
Total Police	04-Aug-2013 to 16			
Test Dates	FCC Part 15 Subp			
Applicable Standard Test Results	PA SS	art C		
lest Results	; PA33			
Prepared By: Technical Lead		Review ed By: Project Lead		
Name : Sasikala Subramani		Name: Loganathan Joghee		
Tamo : Sasmala Sasramani		Tamo : Loganaman oognoo		
		N-		
D SL A		Alle		
Signature: An Laules		Signature:		
Date : 23-Dec-2013		Date : 23-Dec-2013		
20 200 2010				
Authorized By: Quality Manager		Authorized By: Lab Manager		
Name : Prasanna Kumar BT		Name : Ananth Krishna		
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1 , ,				
La frasame kuyar		1. melberi		
Signature: Signature		Signature:		
Date : 23-Dec-2013		Signature: Date: 23-Dec-2013 Without the approval of Lab manager, this report shall not be		

reproduced except in full.



	TEST SUMMARY						
#	Name	Specification	Test Method	Pass	Fail	NA	
		FHSS					
1	20dB Bandwidth	FCC Part 15.247	DA 00-705	M			
2	Maximum Peak Output Power	FCC Part 15.247	DA 00-705	M			
3	Carrier Frequency Separation	FCC Part 15.247	DA 00-705	M			
4	Number of Hopping Frequencies	FCC Part 15.247	DA 00-705	M			
5	Band-edge Compliance	FCC Part 15.247	DA 00-705	M			
6	Time of Occupancy (Dw ell Time)	FCC Part 15.247	DA 00-705	M			
7	Spurious RF Conducted Emissions	FCC Part 15.247	DA 00-705	M			
8	Spurious Radiated Emissions	FCC Part 15.247 and 15.209	DA 00-705	M			
		-					
		DTS					
1	DTS 6dB Bandw idth	FCC Part 15.247	KDB 558074	M			
2	Maximum Peak Output Power	FCC Part 15.247	KDB 558074	M			
3	Maximum Power Spectral Density	FCC Part 15.247	KDB 558074	M			
4	Band-edge Conducted Emissions	FCC Part 15.247	KDB 558074	M			
5	Radiated Spurious Emissions	FCC Part 15.247 and 15.209	KDB 558074	M			
		•	-	-		-	

MEASUREMENT UNCERTAINTY

Where relevant, the following measurement uncertainty levels has been estimated for tests performed on the EUT as specified in CISPR 16-4

The Expanded measurement uncertainty (K=2) is provided below

#	Name	Value
1	20dB and 6dB bandw idth	1.4dB
2	Maximum Peak Output Power	1.4dB
3	Maximum Power Spectral Density	1.4dB
4	Band-edge Emissions	1.4dB
5	Spurious RF Conduted Emissions	1.4dB
6	Radiated Spurious Emissions	4.9dB
7	Radiated Spurious Emissions	6.3dB



1 PRODUCT DETAILS

PRODUCT OPERATION AND INTENDED USE

The W-DIS-D is a part of the wireless network and has a specific SLC module address. The WDIS-D and ANN-80 display the wireless specific events that cannot be displayed on the FACP. These wireless events are related to the trouble and supervisory conditions that are specific to the Wireless Gateway and devices.

W-DIS-D can be powered by external 24Vdc interface from Fire Panel. It uses proprietary wireless protocol to communicate with wireless fire devices.

RATINGS AND SYSTEM DETA	RATINGS AND SYSTEM DETAILS			
Operating Frequency	902MHz to 928MHz			
Number of Channels	DTS :6 FHSS :52			
Channel Bandwidth (20dB)	DTS :1MHz FHSS :320 KHz			
Transmitted Power	DTS :12dBm & 2dBm FHSS :17dBm			
Modulation Type	FSK			
Data Rate	DTS : 300Kbps FHSS :150Kbps			
Antenna Type	Inverted F Patch Antenna			
No. of Antenna	4			
Antenna Gain	3dBi			
Supply Voltage and Current	24V, 30mA			
Dimensions (Diameter x Height)	193 mm x 46mm			
Environmental Conditions	Operating Temperature :0°C to 49°C Storage Temperature :-10°C to 60°C Humidity :10% to 93% RH			



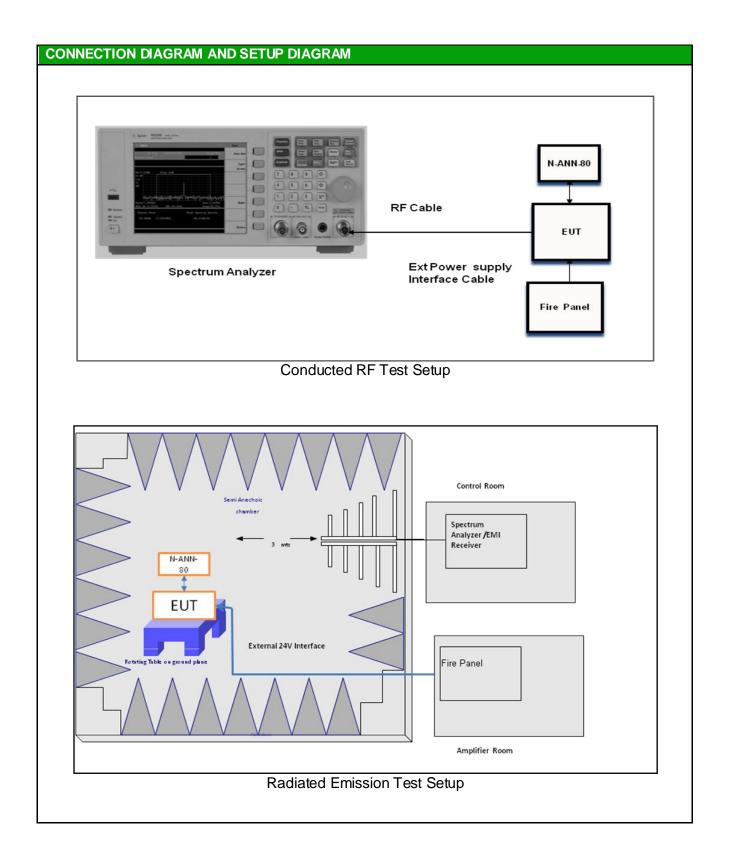
TEST CONFI	TEST CONFIGURATION						
Config #	Description						
Conducted Test	EUT is Powered by external 24Vdc interface from the Fire Panel. EUT Debug port (UART) is connected to Laptop through USB to UART converter cable. EUT is configured to the respective operating mode through HyperTerminal. Antenna 1 is selected for the test as this is the only transmitting antenna in the field.						
Radiated Test	EUT is Powered by external 24Vdc interface from the Fire Panel. EUT Debug port (UART) is connected to Laptop through USB to UART converter cable. EUT is configured to the respective operating mode through HyperTerminal. Antenna 1 is selected for the test as this is the only transmitting antenna in the field.						

OPERATING	MODES				
Mode #	Description				
DTS	Following DTS channels have been used for Conducted (Continuous Transmission) and Radiated (Pulsed Transmission) Tests Channel 1 : 902.875MHz Channel 2 : 908.425MHz Channel 3 : 914.325MHz Channel 4 : 915.325MHz Channel 5 : 921.575MHz Channel 6 : 927.125MHz				
FHSS	Following FHSS channels have been used for Conducted (Continuous Transmission) and Radiated (Continuous Transmission) Tests Channel 1 : 903.55MHz Channel 27 : 916.35MHz Channel 52 : 926.45MHz				

INPU	INPUT AND OUTPUT CABLES						
Port #		Name	Port Type	Cable Length	Cable type Shielded/ Unshielded	Comments	
1		al 24V Power face Cable	Input	5 m	Unshielded		
*Note:	AC TP N/E	= AC Pow er Po = Telecommur = Non-Electrica	ication Ports	(eg. Ethernet)	DV DO = Dig	I C Pow er Port gital Input/ Output alog Input/ Output	

SUF	SUPPORT EQUIPMENTS AND ACCESSORIES USED					
#	Item Description	Make	Model	Part No. / SI. No	Cal Due Date	
1	Laptop	DELL	E6400	3351399400	NA	
2	USB to UART Cable	FTDI	NA	TTL-232R-3V3	NA	
3	Fire Panel	Notifier	NFS-3030	NA	NA	







2 FHSS CHANNELS

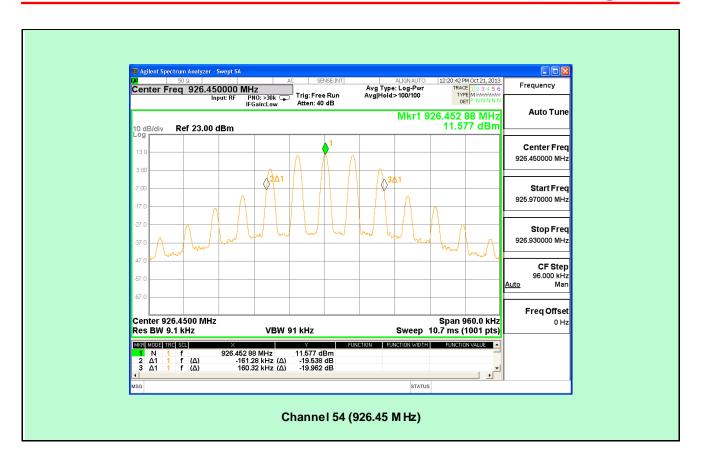
	2.1 20dB BANDWIDTH					
EUT Nomenclature	Wireless Display Driver		Test Report No.	EMC-1259-2		
Model No.	W-DIS-D		Serial No.	05313		
Test Start Date	21-Oct-2013		Temperature (°C)	23.1		
Test End Date	21-Oct-2013		Humidity RH (%)	55.2		
Tested By	Loganathan Joghee		Pressure (mbar)	NR		
Input Voltage / Freq	24 Vdc					
Operating Mode	Refer Page 5 for Operating	Mode Table				
Test configuration	Refer Page 5 for Test Configuration Table					
Deviation from Std	NA NA					
Applicable standard	FCC Part 15.247					
Test Method	DA 00-705					
Comment						
TEST DETAILS						
Method		☐ Radiated				
	•					
TEST PARAMETERS						
Antenna Height	NA		Turntable Rotation	NA		
Equipment Class	NA Measurement Distance NA					

TEST EQUIPMENT						
Y/N	Equipment	Make	Model	Serial Number	Cal Due Date	
Υ	Spectrum Analyzer	Agilent	N9010A	MY48031005	28-Nov-2014	
Υ	RF Cable	Huber- Suhner	SF104/2X11PC3542/500	NA	NA	
		•			•	









TEST RESULT							
Channel	Frequency	Measured Bandwidth	Limit	Result			
#	MHz	KHz	KHz	Result			
1	903.55	321.6	≥250 & ≤500	PA SS			
27	916.35	321.6	≥250 & ≤500	PA SS			
52	926.45	321.6	≥250 & ≤500	PA SS			

TEST SETUP PHOTOGRAPHS					
	Refer Annexure-1				
	Conducted RF Test Setup				

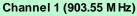


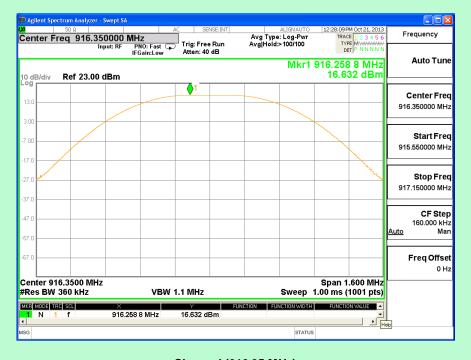
	Minelese Dienley Driver		L EMC 4050 0		
EUT Nomenclature	Wireless Display Driver	Test Request No.	EMC-1259-2		
Model No.	W-DIS-D	Serial No.	05313		
Test Start Date	21-Oct-2013	Temperature (°C)	23.1		
Test End Date	21-Oct-2013	Humidity RH (%)	55.2		
ested By	Loganathan Joghee	Pressure (mbar)	NR		
nput Voltage / Freq	24 Vdc	•	•		
Operating Mode	Refer Page 5 for Operating Mode	Table			
Test configuration	Refer Page 5 for Test Configuration	on Table			
Deviation from Std	Std NA				
Applicable standard	licable standard FCC Part 15.247				
Test Method	DA 00-705				
Comment					
TEST DETAILS					
Method	☑ Conducted , ☐ Radiated				
TEST PARAMETE	RS				
Antenna Height	NA	Turntable Rotation	NA		
Equipment Class	NA	Measurement Distance	NA		

TEST EQUIPMENT						
Y/N	Equipment	Make	Model	Serial Number	Cal Due Date	
Υ	Spectrum Analyzer	Agilent	N9010A	MY48031005	28-Nov-2014	
Υ	RF Cable	Huber- Suhner	SF104/2X11PC3542/500	NA	NA	









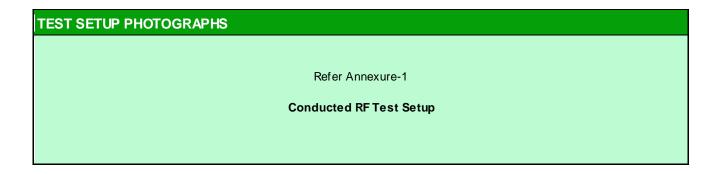
Channel (916.35 MHz)





TEST RESULT						
Channel	Frequency	Measured Power Level	Cable Loss	Transmitter Power Level	Limit	Result
#	MHz	dBm	dB	dBm	dBm	Result
1	903.55	16.708	0.5	17.208	≤23.979	PA SS
27	916.35	16.632	0.5	17.132	≤23.979	PA SS
52	926.45	16.603	0.5	17.103	≤23.979	PA SS

Note: Transmitter Output Power = Measured Level (dBm) + Cable Loss (dB)





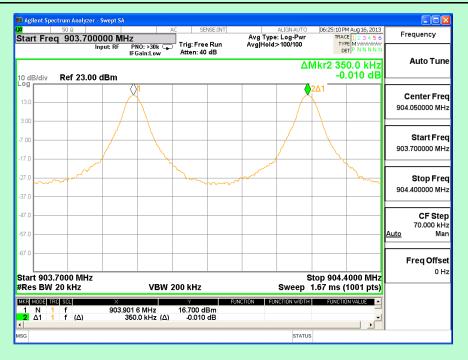
2.3 CARRIER FREQUENCY SEPARATION						
EUT Nomenclature	Wireless Display Driv	er	Test Request No.	EMC-1259-2		
Model No.	W-DIS-D		Serial No.	05313		
Test Start Date	16-Aug-2013		Temperature (°C)	23.2		
Test End Date	16-Aug-2013		Humidity RH (%)	55.1		
Tested By	Loganathan Joghee		Pressure (mbar)	NR		
Input Voltage / Freq	24 Vdc					
Operating Mode	Refer Page 5 for Operating Mode Table					
Test configuration	Refer Page 5 for Test Configuration Table					
Deviation from Std	NA NA					
Applicable standard	FCC Part 15.247					
Test Method	DA 00-705					
Comment						
TEST DETAILS						
Method	☐ ☐ Conducted ☐ Radiated					
TEST PARAMETERS						
Antenna Height	NA		Turntable Rotation	NA		
Equipment Class	NA		Measurement Distance	NA		

TEST EQUIPMENT							
Y/N	Equipment	Make	Model	Serial Number	Cal Due Date		
Υ	Spectrum Analyzer	Agilent	N9010A	MY48031005	28-Nov-2014		
Υ	RF Cable	Huber- Suhner	SF104/2X11PC3542/500	NA	NA		





Channel 1 and 2

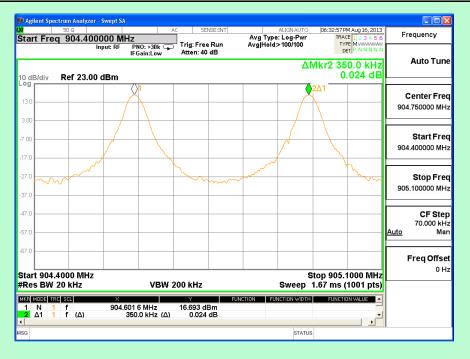


Channel 2 and 3



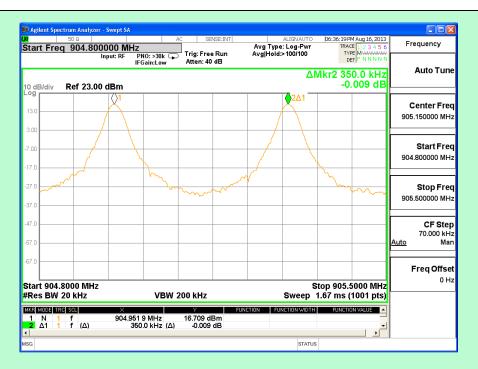


Channel 3 and 4



Channel 4 and 5



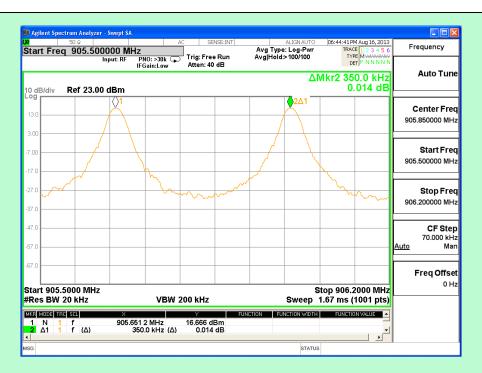


Channel 5 and 6

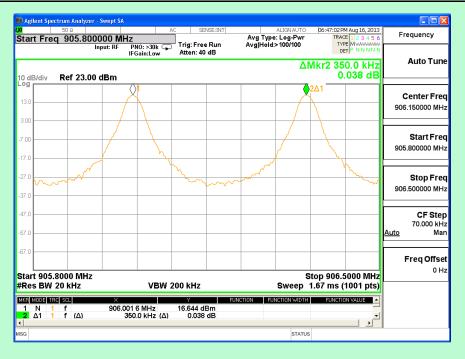


Channel 6 and 7



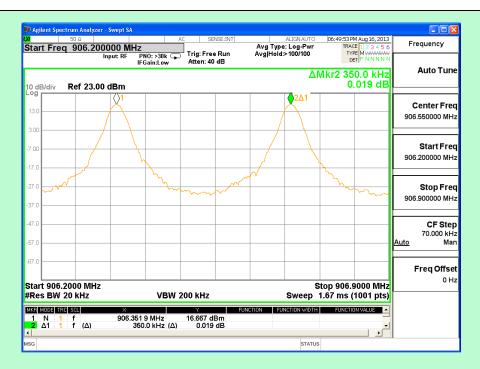


Channel 7 and 8

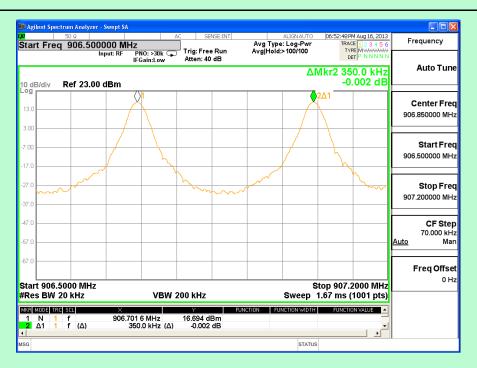


Channel 8 and 9





Channel 9 and 10

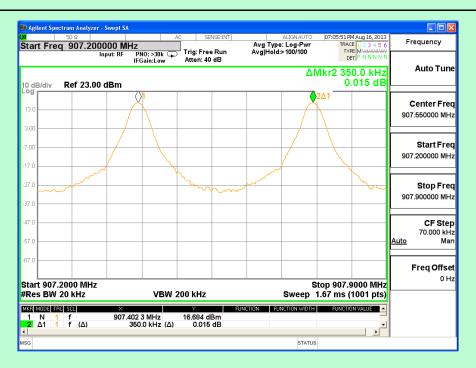


Channel 10 and 11



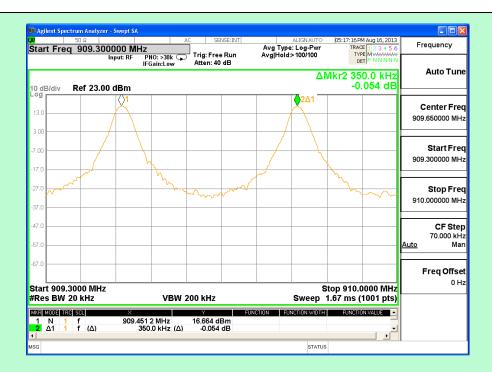


Channel 11 and 12



Channel 12 and 13



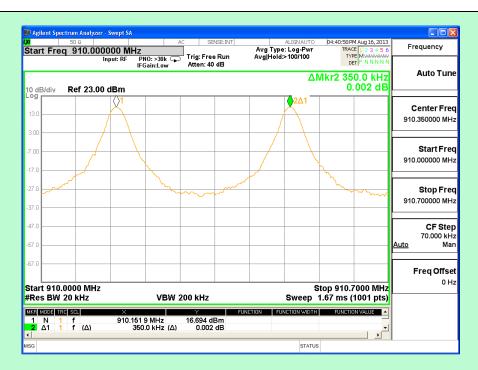


Channel 14 and 15



Channel 15 and 16



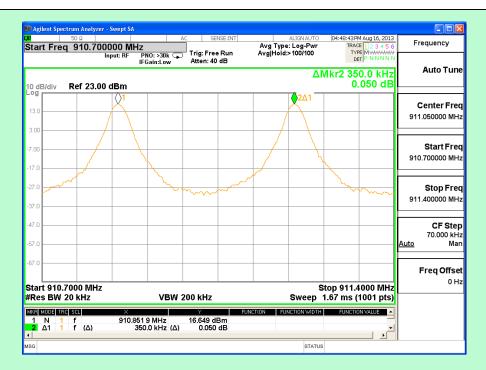


Channel 16 and 17

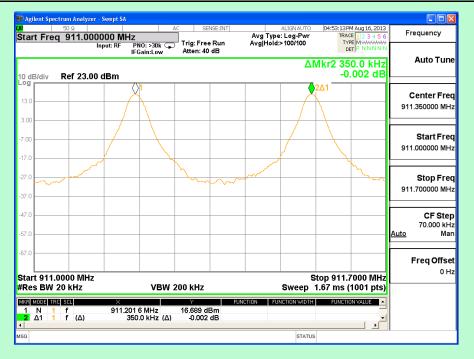


Channel 17 and 18



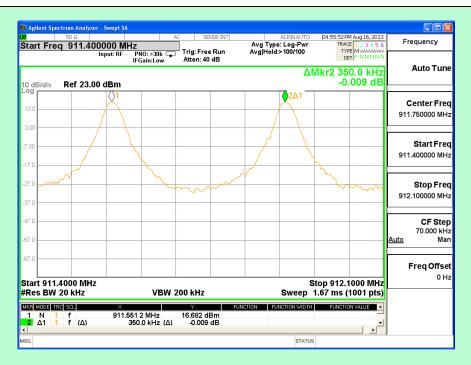


Channel 18 and 19

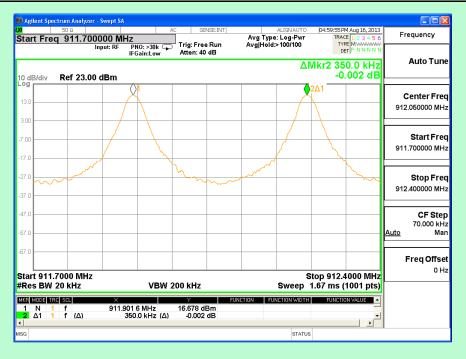


Channel 19 and 20





Channel 20 and 21

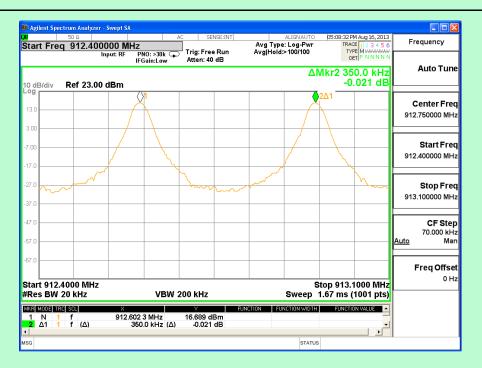


Channel 21 and 22



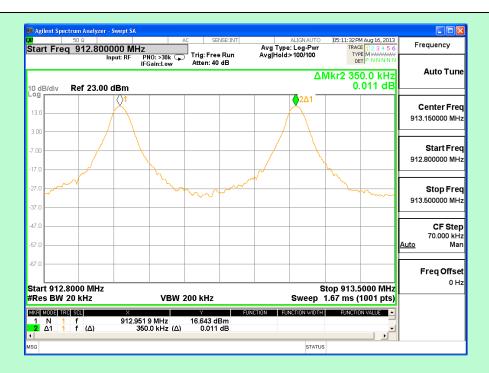


Channel 22 and 23



Channel 23 and 24



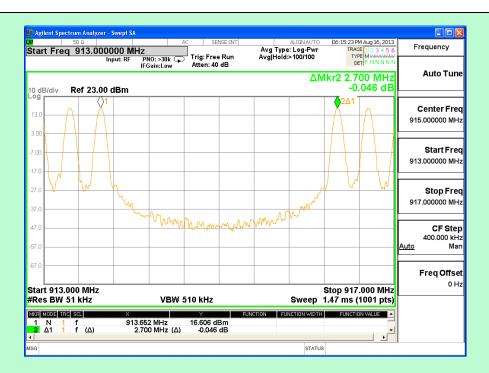


Channel 24 and 25

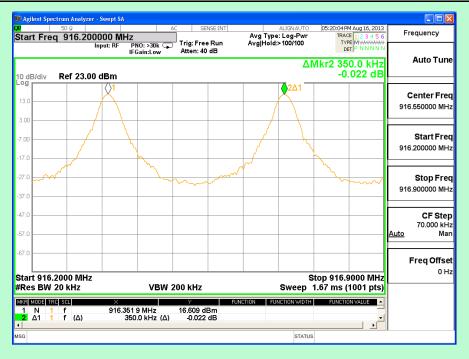


Channel 25 and 26



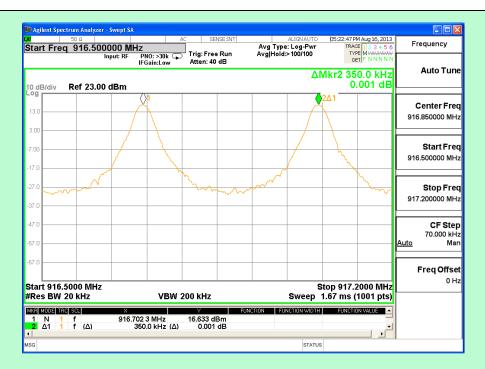


Channel 26 and 27

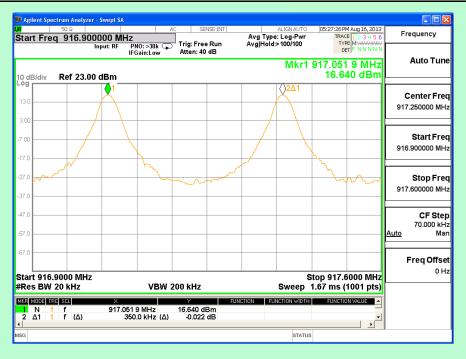


Channel 27 and 28





Channel 28 and 29



Channel 29 and 30



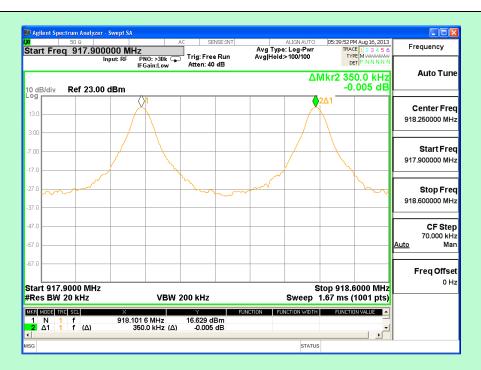


Channel 30 and 31

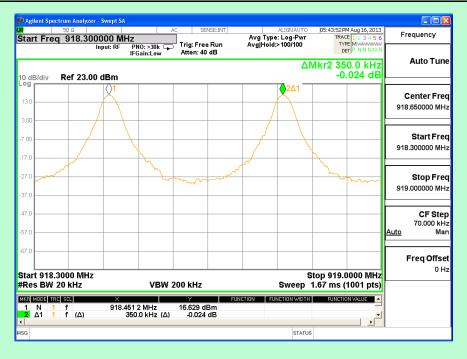


Channel 31 and 32



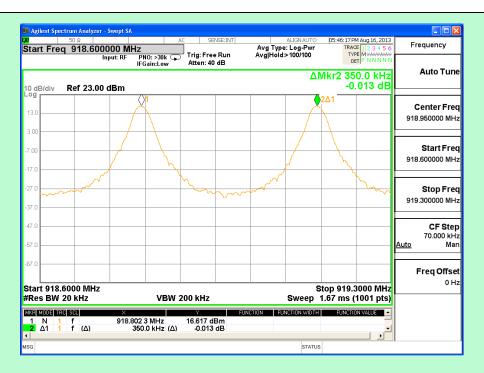


Channel 32 and 33



Channel 33 and 34



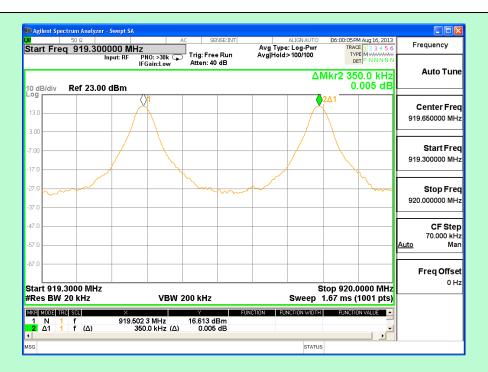


Channel 34 and 35



Channel 35 and 36



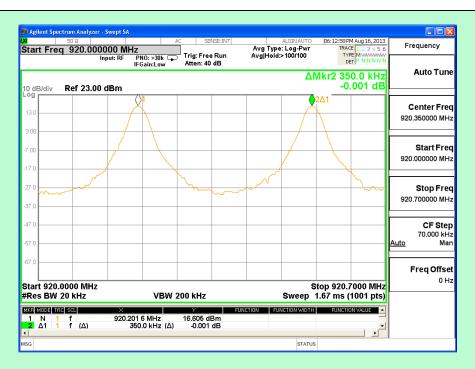


Channel 36 and 37



Channel 37 and 38



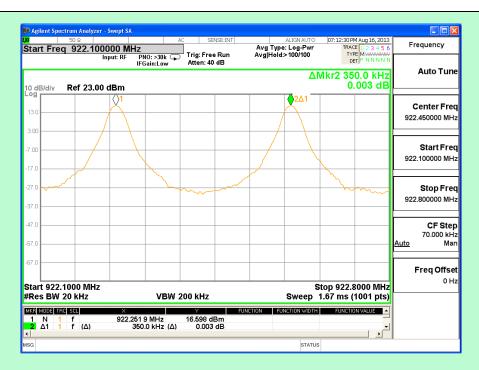


Channel 38 and 39

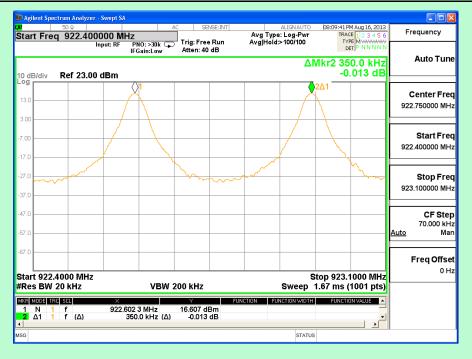


Channel 13 and 40



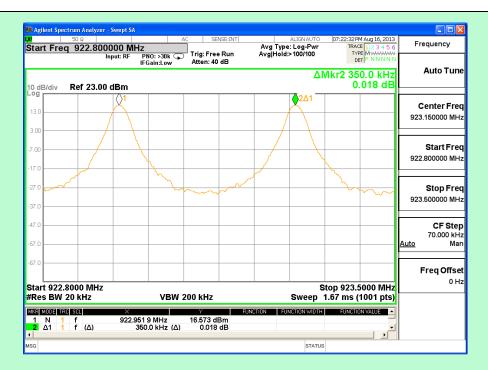


Channel 40 and 41

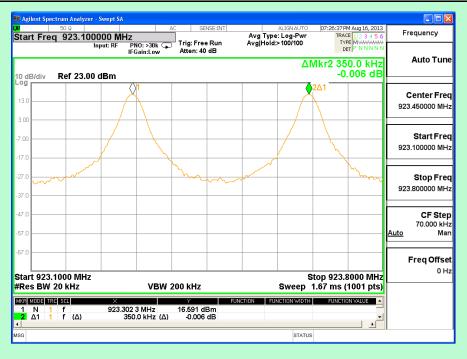


Channel 41 and 42



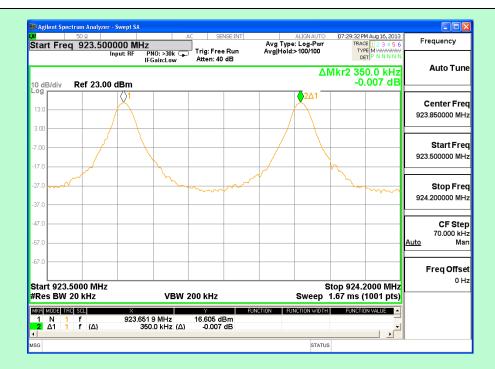


Channel 42 and 43

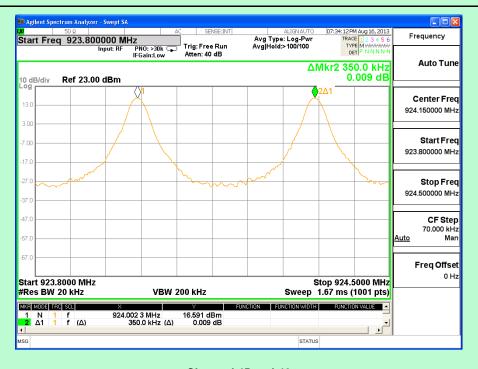


Channel 43 and 44





Channel 44 and 45



Channel 45 and 46



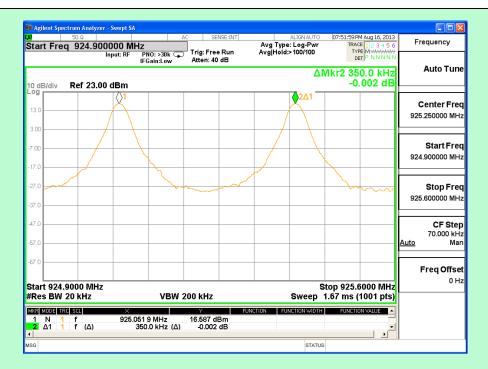


Channel 46 and 47



Channel 47 and 48



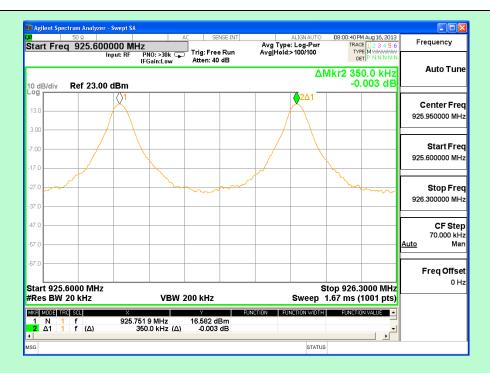


Channel 48 and 49



Channel 49 and 50





Channel 50 and 51



Channel 51 and 52



TEST RESULT			
Channel	Mea sured value	Limit	Decell
#	KHz	Limit	Result
1 and 2	350	>20dB BW	PA SS
2 and 3	350	>20dB BW	PA SS
3 and 4	350	>20dB BW	PA SS
4 and 5	350	>20dB BW	PA SS
5 and 6	350	>20dB BW	PA SS
6 and 7	350	>20dB BW	PA SS
7 and 8	350	>20dB BW	PA SS
8 and 9	350	>20dB BW	PA SS
9 and 10	350	>20dB BW	PA SS
10 and 11	350	>20dB BW	PA SS
11 and 12	350	>20dB BW	PA SS
12 and 13	350	>20dB BW	PA SS
13 and 14	350	>20dB BW	PA SS
14 and 15	350	>20dB BW	PA SS
15 and 16	350	>20dB BW	PA SS
16 and 17	350	>20dB BW	PA SS
17 and 18	350	>20dB BW	PA SS
18 and 19	350	>20dB BW	PA SS
19 and 20	350	>20dB BW	PA SS
20 and 21	350	>20dB BW	PA SS
21 and 22	350	>20dB BW	PA SS
22 and 23	350	>20dB BW	PA SS
23 and 24	350	>20dB BW	PASS
24 and 25	350	>20dB BW	PAISS
25 and 26	350	>20dB BW	PA SS
26 and 27	2700	>20dB BW	PAISS
27 and 29	350	>20dB BW	PASS
29 and 30	350	>20dB BW	PASS
30 and 31	350	>20dB BW	PASS
31 and 32	350	>20dB BW	PASS
32 and 33	350	>20dB BW	PASS
32 and 33	350	>20dB BW	PASS
		. = 4 4 = = 1 :	
34 and 35	350	>20dB BW	PA SS
35 and 36 36 and 37	350 350	>20dB BW >20dB BW	PA SS PA SS
37 and 38	350	>20dB BW	PA SS
37 and 36		>20dB BW	PA SS
	350	>20dB BW	PA SS
13 and 40	14508		
40 and 41	350	>20dB BW	PA SS
41 and 42	350	>20dB BW	PA SS
42 and 43	350	>20dB BW	PA SS
43 and 44	350	>20dB BW	PA SS
44 and 45	350	>20dB BW	PA SS
45 and 46	350	>20dB BW	PA SS
46 and 47	350	>20dB BW	PA SS
47 and 48	350	>20dB BW	PA SS
48 and 49	350	>20dB BW	PA SS
49 and 50	350	>20dB BW	PA SS
50 and 51	350	>20dB BW	PA SS



51 and 52	350	>20dB BW	PA SS

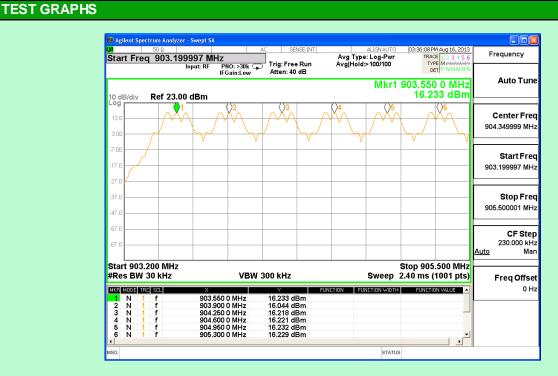
TEST SETUP PHOTOG	RAPHS	
	Refer Annexure-1	
	Conducted RF Test Setup	



	2.4 NUMBE	R OF HO	PPING FREQUENC	CIES
EUT Nomenclature	Wireless Display Driver		Test Request No.	EMC-1259-2
Model No.	W-DIS-D		Serial No.	05313
Test Start Date	04-Aug-2013		Temperature (°C)	23.1
Test End Date	16-Aug-2013		Humidity RH (%)	55.2
Tested By	Loganathan Joghee		Pressure (mbar)	NR
Input Voltage / Freq	24 Vdc			•
Operating Mode	Refer Page 5 for Operating	g Mode Table)	
Test configuration	Refer Page 5 for Test Conf	figuration Tal	ble	
Deviation from Std	NA			
Applicable standard	FCC Part 15.247			
Test Method	DA 00-705			
Comment				
TEST DETAILS				
Method		☐ Radiated	t	
TEST PARAMETE	RS			
Antenna Height	NA		Turntable Rotation	NA
Equipment Class	NA		Measurement Distance	NA
				•

TEST	EQUIPMENT				
Y/N	Equipment	Make	Model	Serial Number	Cal Due Date
Υ	Spectrum Analyzer	Agilent	N9010A	MY48031005	28-Nov-2014
Υ	RF Cable	Huber- Suhner	SF104/2X11PC3542/500	NA	NA



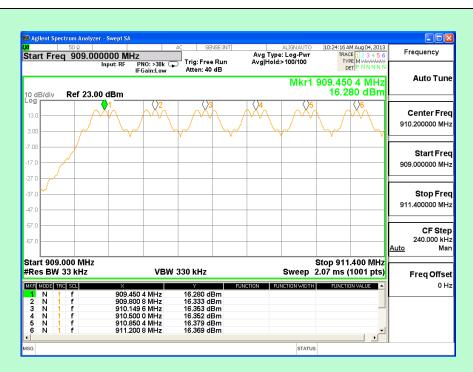


Channel 1 - 6 (Walkie-Talkie Mode)



Channel 7 - 13 (Walkie-Talkie Mode)



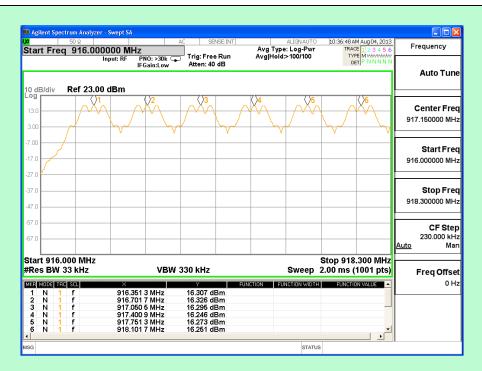


Channel 14 - 19 (Normal Mode)

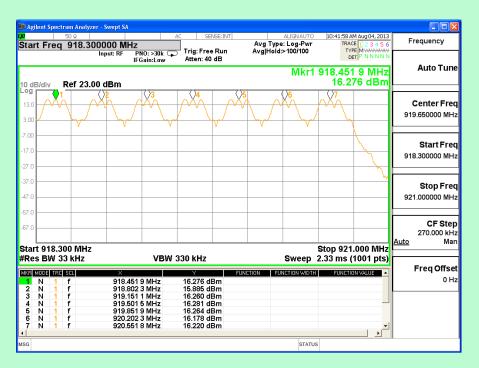


Channel 20 - 26 (Normal Mode)



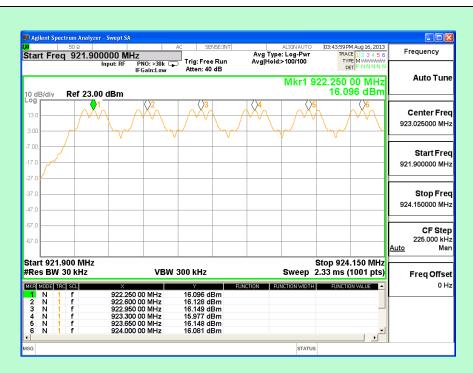


Channel 27 - 32 (Normal Mode)

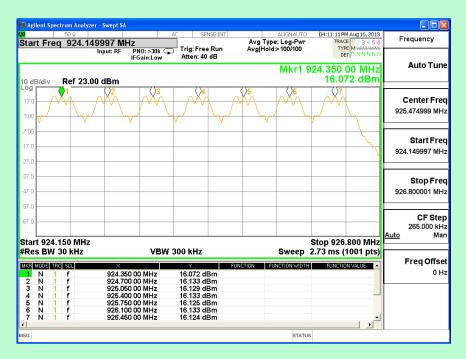


Channel 33 - 39 (Normal Mode)





Channel 40 - 45 (Walkie-Talkie Mode)



Channel 46 - 52 (Walkie-Talkie Mode)



TEST RESULT			
Mode of Operation	No. of Channels Measured	Limit (No. of Channels)	Test Results
Normal Mode	26	≥25	PA SS
Walkie-Talkie Mode	26	≥25	PA SS

TEST SETUP PHOTOGRAPHS	
	Refer Annexure-1
	Conducted RF Test Setup



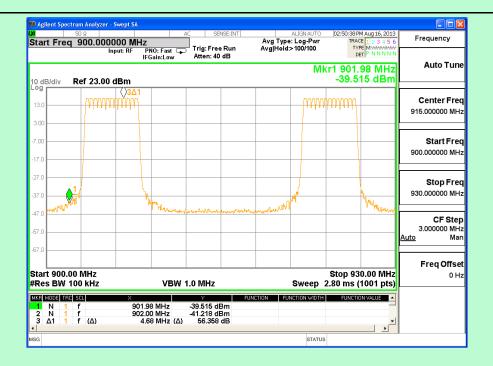
	2.5	BAND-E	DGE COMPLIANCE	
EUT Nomenclature	Wireless Display Driv	er er	Test Request No.	EMC-1259-2
Model No.	W-DIS-D		Serial No.	05313
Test Start Date	16-Aug-2013		Temperature (°C)	22
Test End Date	16-Aug-2013		Humidity RH (%)	55.1
Tested By	Loganathan Joghee		Pressure (mbar)	NR
Input Voltage / Freq	24 Vdc			
Operating Mode	Refer Page 5 for Ope	erating Mode	Table Table	
Test configuration	Refer Page 5 for Tes	t Configuratio	n Table	
Deviation from Std	NA			
Applicable standard	FCC Part 15.247			
Test Method	DA 00-705			
Comment				
TEST DETAILS				
Method		☐ Rac	liated	
TEST PARAMETE	RS			
Antenna Height	NA		Turntable Rotation	NA
Equipment Class	NA		Measurement Distance	NA

TES'	T EQUIPMENT				
Y/N	Equipment	Make	Model	Serial Number	Cal Due Date
Υ	Spectrum Analyzer	Agilent	N9010A	MY48031005	28-Nov-2014
Υ	RF Cable	Huber- Suhner	SF104/2X11PC3542/500	NA	NA





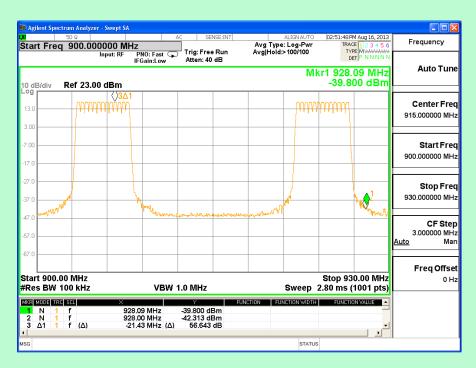
Band-edge at 902 MHz - Channel 1 (903.55 MHz)







Band-edge at 928 MHz - Channel 52 (926.45 MHz)



Band-edge at 928 MHz - Hopping Enabled



TEST RES	SULT				
Channel	Frequency	Measured	difference	Limit	Test Results
#	MHz	SINGLE CHANNEL	FHSS ENABLED	dBc	
1	903.55	58.338	56.358	>20	PA SS
52	926.45	56.371	56.643	>20	PA SS

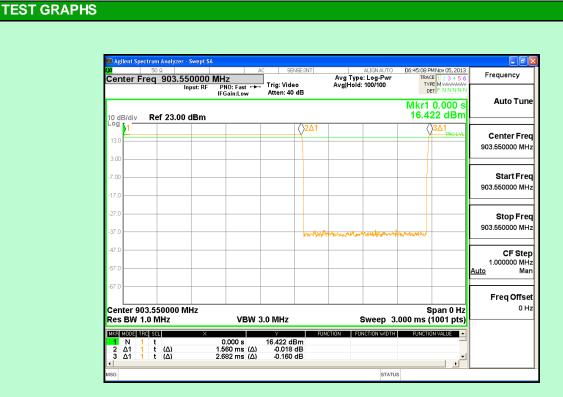
TEST SETUP PHOTOGRAPHS	
	Refer Annexure-1
	Conducted RF Test Setup

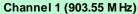


EUT Name and latere	Wireless Dieplay Driv	or	To all Danissa d No.	EMC-1259-2
EUT Nomenclature	Wireless Display Driv	ei	Test Request No.	
Model No.	W-DIS-D		Serial No.	05313
Test Start Date	05-Nov-2013		Temperature (°C)	23.1
Test End Date	05-Nov-2013		Humidity RH (%)	55.2
Tested By	Loganathan Joghee		Pressure (mbar)	NR
Input Voltage / Freq	24 Vdc			
Operating Mode	Refer Page 5 for Ope			
Test configuration	Refer Page 5 for Test	t Configuration	n Table	
Deviation from Std	NA			
Applicable standard	FCC Part 15.247			
Test Method	DA 00-705			
Comment				
TEST DETAILS				
Method		☐ Rad	iated	
	•			
TEST PARAMETE	RS			
Antenna Height	NA		Turntable Rotation	NA
Equipment Class	NA		Measurement Distance	NA

TES'	TEST EQUIPMENT					
Y/N	Equipment	Make	Model	Serial Number	Cal Due Date	
Υ	Spectrum Analyzer	Agilent	N9010A	MY48031005	28-Nov-2014	
Υ	RF Cable	Huber- Suhner	SF104/2X11PC3542/500	NA	NA	









Channel 27 (916.35 M Hz)





TEST RESULT						
Channel	Channel Frequency	Measured Dwell Time	No. of bursts	Total Dwell Time in 10sec	Limit in 10s period	Results
#	MHz	ms	#	ms	ms	
1	903.55	1.56	8	12.48	≤ 400	PA SS
27	916.35	1.56	8	12.48	≤ 400	PA SS
52	926.45	1.56	8	12.48	≤ 400	PA SS
	1					

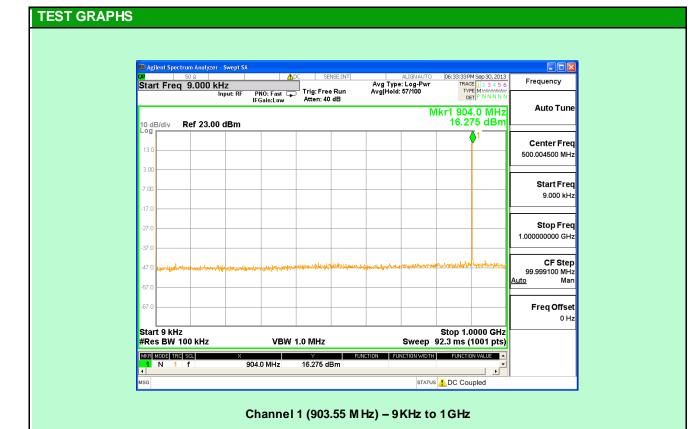
TEST SETUP PHOTOGRAPHS			
	Refer Annexure-1		
	Conducted RF Test Setup		



	2.7 SPURIC	OUS RF CO	NDUCTED EMISS	SIONS
EUT Nomenclature	Wireless Display Driver		Test Request No.	EMC-1259-2
Model No.	W-DIS-D		Serial No.	05313
Test Start Date	30-Sep-2013		Temperature (°C)	23.2
Test End Date	30-Sep-2013		Humidity RH (%)	55.1
Tested By	Loganathan Joghee		Pressure (mbar)	NR
Input Voltage / Freq	24 Vdc	•		•
Operating Mode	Refer Page 5 for Operation	ng Mode Table		
Test configuration Refer Page 5 for Test Configuration Table				
Deviation from Std	viation from Std NA			
Applicable standard FCC Part 15.247				
Test Method DA 00-705				
Comment				
TEST DETAILS				
Method		☐ Radiated	I	
	l			
TEST PARAMETE	RS			
Antenna Height	NA		Turntable Rotation	NA
Equipment Class	NA		Measurement Distance	NA

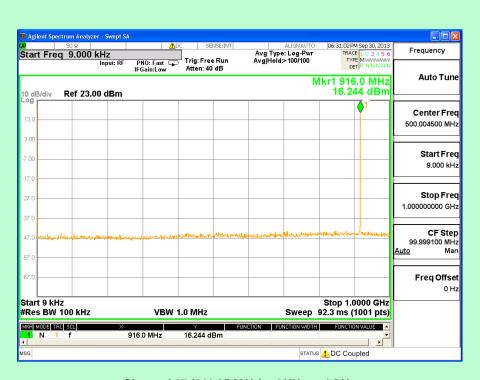
TEST EQUIPMENT					
Y/N	Equipment	Make	Model	Serial Number	Cal Due Date
Υ	Spectrum Analyzer	Agilent	N9010A	MY48031005	28-Nov-2014
Υ	RF Cable	Huber- Suhner	SF104/2X11PC3542/500	NA	NA



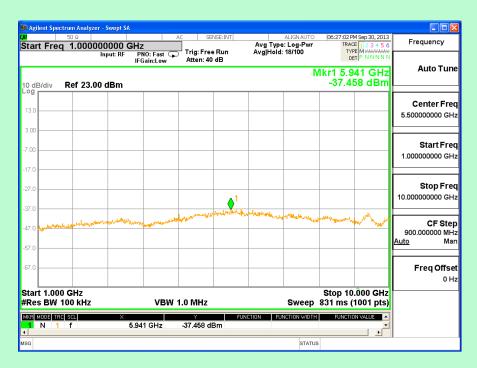






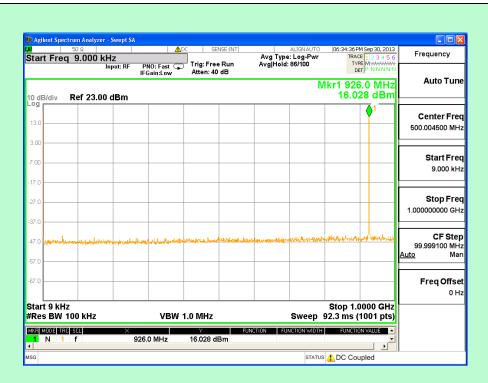


Channel 27 (916.35 M Hz) - 9 KHz to 1 GHz

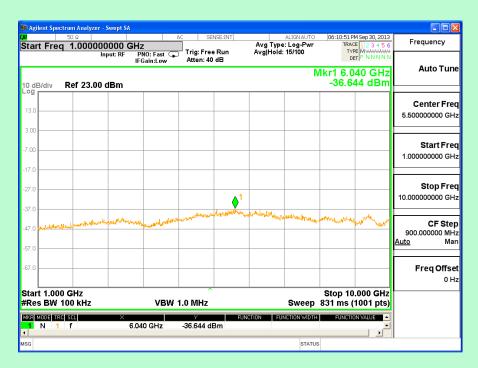


Channel 27 (916.35 M Hz) - 1 GHz to 10 GHz









Channel 52 (926.45 MHz) - 1 GHz to 10 GHz



TEST RESULT						
Channel	Channel Frequency	Measured Parameters I		Limit	Dooult	
#	MHz	Frequency (GHz)	Lev el (dBm)	dBc	Result	
1	903.55	6.040	-36.550	>20	PA SS	
27	916.35	5.941	-37.458	>20	PA SS	
52	926.45	6.040	-36.644	>20	PA SS	

TEST SETUP PHOTOGRAPHS				
	Refer Annexure-1			
	Conducted RF Test Setup			