

FCC Part 90& Part 22 Rules **Test Report**

Report No.: AGC02294181204FE10

FCC ID 2AJGM-DM1706

PRODUCT DESIGNATION **DMR Digital Radio**

BRAND NAME BAOFENG, Pofung

DM-1706, ZT-51, RD-78, TC-858, AR-919, FB-R5, RH-UV1, **MODEL NAME**

TR-218, TF-551

CLIENT PO FUNG ELECTRONIC(HK) INTERNATIOANL GROUP COMPANY

DATE OF ISSUE Apr. 17, 2019

FCC Part 90 Rules STANDARD(S) FCC Part 22 Rules

REPORT VERSION

Attestation of Global Compliance (Shenzhen) Co., Ltd

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Page 2 of 170

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Report Revise Record

Report Version	Revise Time	Issued Date	Valid Version	Notes
V1.0		Apr. 17, 2019	Valid	Initial Release

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Page 3 of 170

TABLE OF CONTENTS

1. VERIFICATION OF COMPLIANCE	
2. GENERAL INFORMATION	6
2.1PRODUCT DESCRIPTION	
2.2RELATED SUBMITTAL(S) / GRANT (S)	g
2.3 TEST METHODOLOGY	
2.4 TEST FACILITY	9
2.5 SPECIAL ACCESSORIES	g
2.6 EQUIPMENT MODIFICATIONS	
3. SYSTEM TEST CONFIGURATION	
3.1EUT CONFIGURATION	
3.2 EUT EXERCISE	10
3.3 GENERAL TECHNICAL REQUIREMENTS	10
3.4CONFIGURATION OF TESTED SYSTEM	11
4. SUMMARY OF TEST RESULTS	12
5. DESCRIPTION OF TEST MODES	14
6. FREQUENCY TOLERANCE	15
6.1 PROVISIONS APPLICABLE	
6.2 MEASUREMENT PROCEDURE	15
6.3 TEST SETUP BLOCK DIAGRAM	
6.4 TEST RESULTS	17
7. EMISSION BANDWIDTH	29
7.1 PROVISIONS APPLICABLE	29
7.2 MEASUREMENT PROCEDURE	29
7.3 TEST SETUP BLOCK DIAGRAM	29
7.4 MEASUREMENT RESULT	30
8. UNWANTED RADIATION	54
8.1 PROVISIONS APPLICABLE	54
8.2 MEASUREMENT PROCEDURE	54
8.3 TEST SETUP BLOCK DIAGRAM	
8.4 MEASUREMENT RESULTS:	56
8.5 EMISSION MASK PLOT	79
9. MODULATION CHARACTERISTICS	96
9.1 PROVISIONS APPLICABLE	96
0.2 MEASHDEMENT METHOD	06

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Page 4 of 170

S	9.3 MEASUREMENT RESULT	97
10.	. MAXIMUMN TRANSMITTER POWER (CONDUCTED OUTPUT POW 109	ER) PEAK POWER
	10.1 PROVISIONS APPLICABLE	
1	10.2 TEST PROCEDURE	109
(1	10.3 TEST CONFIGURATION	109
1	10.4 TEST RESULT	111
s <u>"</u> 1	10.5 CONDUCT SPURIOUS PLOT	120
11.	. RANSMITTER FREQUENCY BEHAVIOR	152
1	11.1PROVISIONS APPLICABLE	152
	11.2 TEST METHOD	
1	11.3 DESCRIBE LIMIT LINE OF RANSMITTER FREQUENCY BEHAVIOR	153
1	11.4 MEASURE RESULT	154
	. AUDIO LOW PASS FILTER RESPONSE	
, Iz. 1	12.1.TEST LIMITS	156
obal Comp	12.2. METHOD OF MEASUREMENTS	156
1	12.3.MEASURE RESULT	157
AP	PPENDIX I: PHOTOGRAPHS OF SETUP	159
AP	PPENDIX II PHOTOGRAPHS OF EUT	160

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Page 5 of 170

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VERIFICATION OF COMPLIANCE

Applicant:	PO FUNG ELECTRONIC(HK) INTERNATIOANL GROUP COMPANY		
Address	/F FULOK BLDG 131-133 WING LOK ST SHEUNG WAN, Hong Kong		
Manufacturer:	PO FUNG ELECTRONIC(HK) INTERNATIOANL GROUP COMPANY		
Address	3/F FULOK BLDG 131-133 WING LOK ST SHEUNG WAN, Hong Kong		
Factory	PO FUNG ELECTRONIC(HK) INTERNATIOANL GROUP COMPANY		
Address	8/F FULOK BLDG 131-133 WING LOK ST SHEUNG WAN, Hong Kong		
Product Designation:	DMR Digital Transceiver		
Brand Name:	BAOFENG , Pofung		
Test Model	DM-1706		
Serial Model	ZT-51, RD-78, TC-858, AR-919, FB-R5, RH-UV1, TR-218, TF-551		
Difference Description	All the same except the model name.		
Date of Test:	Jan. 05, 2019~Apr. 03, 2019		
	(a) 75. * U' TEO AN		

WE HEREBY CERTIFY THAT:

The above equipment was tested by Shenzhen Attestation of Global Compliance Science & Technology Co., Ltd. The data evaluation, test procedures, and equipment configurations shown in this report were made in accordance with the procedures given in ANSI/TIA-603-E (2016). The sample tested as described in this report is in compliance with the FCC Rules Part 90 and FCC Rules Part 22 requirements

The test results of this report relate only to the tested sample identified in this report.

Tested By Apr. 03, 2019 Calvin Liu(Liu Junchen) Reviewed By Max Zhang(Zhang Yi) Apr. 17, 2019 Approved By Forrest Lei(Lei Yonggang) Apr. 17, 2019 Authorized Officer

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Page 6 of 170

2. GENERAL INFORMATION

2.1PRODUCT DESCRIPTION

The EUT is a **DMR Digital Radio** designed for voice/data communication. It is designed by way of utilizing the FM/4FSK modulation achieves the system operating.

A major technical description of EUT is described as following:

Communication Type	Voice / Data			
Hardware Version	DM-1706-V2.0			
Software Version	1703			
Modulation	FM/4FSK	FM/4FSK		
Emission Type	7K60FXD/7K60FXE/11K0F3E	C #		
Emission Bandwidth	Analog:10.154KHz(5W-12.5 KHz), 10.153KHz(1W-12.5 KHz)VHF Digital: 10.672KHz(5W),10.754 KHz(1W)VHF Analog:10.286KHz(5W-12.5 KHz), 10.286KHz(1W-12.5 KHz)UHF Digital: 10.103KHz(5W), 10.0009KHz(1W)UHF			
Peak Frequency Deviation	1.91KHz			
Audio Frequency Response	11.32dB	NO -		
Maximum Transmitter Power	Analog:36.88 dBm(5W-12.5 KHz), 29.66dBm (1W-12.5 KHz)VHF Digital: 36.40 dBm(5W), 29.82dBm (1W)VHF Analog:36.48 dBm(5W-12.5 KHz), 29.23dBm (1W-12.5 KHz)UHF Digital: 35.96 dBm(5W), 28.66dBm (1W)UHF			
Output power Modification	5W/1W (It was fixed by the manufacturer, any individual can't arbitrarily change it.)			
Data Rate	9600bps/12.5KHz(Channel Spacing)			
Antenna Designation	Detachable			
Antenna Gain	2.15dBi	- CO - CO		
Power Supply	DC 7.4V, 2200mAh (by battery) charging	g for DC 8.4V		
Adapter Parameter	INPUT: AC 100V-240V , 50/60Hz , 0.2A OUTPUT: DC 10V , 500mA			
Limiting Voltage	DC 6V-8.51V			
	Frequency Range: 136 MHz to 174 MHz (VHF) 400 MHz to 470 MHz (UHF) Channel Separation: 12.5KHz(Digital/ Analog)			
Operation Frequency Range and Channel	Bottom Channel: 136.025MHz Middle Channel:151.85MHz Middle Channel:155.025MHz Middle Channel:161.61MHz (Top)High Channel: 173.975MHz	Bottom Channel: 400.025MHz Middle Channel: 453.225MHz Middle Channel: 454.025MHz (Top)High Channel: 469.975MHz		
Frequency Tolerance	1.101ppm	测测测测		

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Page	7	of	170

	Frequency Range (MHz)	Rated Transmit Power(W)(Conducted)	Transmit Mode/Emission Designator
1/2	400-470	1W/5W	11K0F3E(Analog Vioce;NB)
of Glops	400-470	1W/5W	7K60FXD/7K60FXW(9600Data/Digital Voice NB)

Frequency Range (MHz)	Rated Transmit Power(W)(Conducted)	Transmit Mode/Emission Designator
136-174	1W/5W	11K0F3E(Analog Vioce;NB)
136-174	1W/5W	7K60FXD/7K60FXW(9600Data/Digital Voice NB)

Channel No. (6.25KHz)	Channel No. (12.5KHz)	12.5KHz Channel Spaced 400MHz Band Plan(MHz)
2	1-2	400.025
3 4	3-4	440.025
5	5-6	469.975

Channel No. (12.5KHz)	12.5KHz Channel Spaced 136MHz Band Plan(MHz)		
1-2	136.025		
3-4	155.025		
5-6	173.975		
	(12.5KHz) 1-2 3-4		

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Page 8 of 170

FCC Rules and Regulations Part 2.202: Necessary Bandwidth and Emission Bandwidth

Voice –FM Analog (12.5KHz)

Calculation:

Max modulation (M) in kHz: 3.0

Max deviation(D) in kHz:2.5

Constant factor (K): 1(assumed)

Bn= 2XM +2XDK=11.0 KHz

Emission designator: 11K0F3E

9600 Digital Vioce/date (12.5KHz)

Calculation:

Data rate in bps(R)=9600

Deviation Peak deviation of carrier(D)=2359.585

Constant factor (K): 1 (default)

Bn= 3.86D+1.27RK= 3.86(2359.585)+0.27(9600)(1)=11.7KHz

Emission designator: 11K0FXD

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Page 9 of 170

2.2RELATED SUBMITTAL(S) / GRANT (S)

This submittal(s) (test report) is intended for FCC ID: **2AJGM-DM1706**, filing to comply with Part 2, Part 22, and Part 90 of the Federal Communication Commission rules.

2.3 TEST METHODOLOGY

The radiated emission testing was performed according to the procedures of ANSI/TIA-603-E (2016).

2.4 TEST FACILITY

Test Site	Attestation of Global Compliance (Shenzhen) Co., Ltd		
Location	1-2/F, Building 19, Junfeng Industrial Park, Chongqing Road, Heping Community, Fuhai Street, Bao'an District, Shenzhen, Guangdong, China		
Designation Number	CN1259		
FCC Test Firm Registration Number	975832		
A2LA Cert. No.	5054.02		
Description	Attestation of Global Compliance(Shenzhen) Co., Ltd is accredited by A2LA		

2.5 SPECIAL ACCESSORIES

Not available for this EUT intended for grant.

2.6 EQUIPMENT MODIFICATIONS

Not available for this EUT intended for grant.

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Page 10 of 170

3. SYSTEM TEST CONFIGURATION

3.1EUT CONFIGURATION

The EUT configuration for testing is installed on RF field strength measurement to meet the Commission's requirement and operating in a manner which intends to maximize its emission characteristics in a continuous normal application.

3.2 EUT EXERCISE

The Transmitter was operated in the normal operating mode. The TX frequency was fixed which was for the purpose of the measurements.

3.3 GENERAL TECHNICAL REQUIREMENTS

For FCC Part 90& Part 22 requirements:

(1). Section 90.205 &22.565: RF Output Power

(2). Section 90.207: Modulation Characteristic

(3). Section 90.209 &22.359: Occupied Bandwidth

(4). Section 90.210&22.359: Emission Mask

(5). Section 90.213&22.355: Frequency Tolerance

(6). Section 90.214: Transient Frequency Behavior

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Page 11 of 170

3.4CONFIGURATION OF TESTED SYSTEM

Fig. 2-1 Configuration of Tested System

EUT

Table 2-1 Equipment Used in Tested System

Equipment	Model No.	Identifier	Note
DMR Digital Radio	DM-1706	FCC ID: 2AJGM-DM1706	EUT
Adapter	BF-480	DC 10V 500mA	Accessory
Battery	DM-3	DC7.4V, 2200mAh	Accessory
Desktop charger	VT-2025010HR	DC10V, 700mA	Accessory
High gain antenna	N/A	N/A	Accessory
Back clip	N/A	N/A	Accessory
	DMR Digital Radio Adapter Battery Desktop charger High gain antenna	DMR Digital Radio Adapter BF-480 Battery DM-3 Desktop charger High gain antenna N/A	DMR Digital Radio DM-1706 FCC ID: 2AJGM-DM1706 Adapter BF-480 DC 10V 500mA DC7.4V, 2200mAh Desktop charger VT-2025010HR DC10V, 700mA N/A N/A

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Page 12 of 170

4. SUMMARY OF TEST RESULTS

FCC Rules	Description Of Test	Result
§90.205 & 22.565	Maximum Transmitter Power	Compliant
§90.207	Modulation Characteristic	Compliant
§90.209& 22.359	Occupied Bandwidth	Compliant
§90.210& 22.359	Emission Mask	Compliant
§90.213& 22.355	Frequency Tolerance	Compliant
§90.214	Transient Frequency Behavior	Compliant

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Page 13 of 170

LIST OF EQUIPMENTS USED

Equipment	Manufacturer	Model	S/N	Cal. Date	Cal. Due
TEST RECEIVER	R&S	ESCI	10096	Jun. 12, 2018	Jun. 11, 2019
EXA Signal Analyzer	Aglient	N9010A	MY53470504	Dec. 20, 2018	Dec. 19, 2019
Horn antenna	SCHWARZBECK	BBHA 9170	#768	Sep.18, 2018	Sep.17, 2019
preamplifier	ChengYi	EMC184045SE	980508	Oct.31, 2018	Oct 30, 2019
Double-Ridged Waveguide Horn	ETS LINDGREN	3117	00034609	May. 26, 2018	May. 25, 2020
Broadband Preamplifier	SCHWARZBECK	BBV 9718	9718-205	Jun. 12, 2018	Jun. 11, 2019
HORN ANTENNA	EM	EM-AH-10180	0 / 6	Mar.01, 2018	Feb.29, 2020
SIGNAL GENERATOR	AGILENT	E4421B	122501288	May. 15, 2018	May. 14, 2019
SIGNAL GENERATOR	R&S	SMT03	A0304261	Jun. 12, 2018	Jun. 11, 2019
ANTENNA	SCHWARZBECK	VULB9168	VULB9168-494	Jan. 09, 2019	Jan. 08, 2020
ANTENNA	SCHWARZBECK	VULB9168	D69250	Sep.26, 2018	Sep.25, 2019
Modulation Domain Analyzer	НР	53310A	3121A02467	Nov. 01, 2018	Oct. 31, 2019
Small environmental tester	ESPEC	SH-242		Feb. 27, 2018	Feb. 26, 2019
Small environmental tester	ESPEC	SH-242	C Marketon	Feb. 25, 2019	Feb. 24, 2020
RF Communication Test Set	HP	8920B	T. B. Janes	Jun. 12, 2018	Jun. 11, 2019
Loop Antenna	LAPLACE	RF300	ion of Globalt © Allest	Feb. 21, 2018	Feb. 20, 2019
Loop Antenna	LAPLACE	RF300	G	Feb. 19, 2019	Feb. 18, 2020
Attenuator	JFW	50FHC-006-50	KE	June 12, 2018	June 11, 2019
Vector Analyzer	Agilent	E4440A	® ## "John Colonia	Mar. 01, 2018	Feb. 28, 2019
Vector Analyzer	Agilent	E4440A	G < G	Feb. 27, 2019	Feb. 26, 2020
RF Cable	R&S	1#		Each time	N/A
RF Cable	R&S	2#	# - a	Each time	N/A

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Page 14 of 170

5. DESCRIPTION OF TEST MODES

RF TEST MODES

The EUT (**DMR Digital Radio**) has been tested under normal operating condition. (The top channel, the middle channel and the bottom channel) are chosen for testing at each channel separation.

Analog:

No.	TES	ST MODES	CHANNEL SEPARATION	
Attestation of 1	Lo	w Channel	12.5 KHz	T. F
2	Mid	dle Channel	12.5 KHz	Ritestation of C
3	Hiç	gh Channel	12.5 KHz	

Digital:

No.	TEST MODES	CHANNEL SEPARATION
Man Compliance 1	Low Channel	12.5 KHz
2	Middle Channel	12.5 KHz
3	High Channel	12.5 KHz

Note: Only the result of the worst case was recorded in the report.

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Page 15 of 170

6. FREQUENCY TOLERANCE

6.1 PROVISIONS APPLICABLE

- a). According to FCC §2.1055, § 22.355 and §90.213, the frequency stability shall be measured with variation of ambient temperature from -30° C to $+50^{\circ}$ C centigrade.
- b). According to FCC Part 2 Section 2.1055(d)(2), for battery powered equipment, the frequency stability shall be measured with reducing primary supply voltage to the battery operating end point, which is specified by the manufacturer.
- c). According to FCC Part 90 Section 90.213, the frequency tolerance must be maintained within 0.00025% for 12.5 KHz channel separation and 0.0001% for 6.25 KHz channel separation.

6.2 MEASUREMENT PROCEDURE

6.2.1 Frequency stability versus environmental temperature

- 1. Setup the configuration per figure 1 for frequencies measurement inside an environment chamber, Install new battery in the EUT.
- Turn on EUT and set SA center frequency to the EUT radiated frequency. Set SA Resolution Bandwidth
 to 1KHz and Video Resolution Bandwidth to 1KHz and Frequency Span to 50KHz.Record this
 frequency as reference frequency.
- 3. Set the temperature of chamber to $50\,^{\circ}$ C. Allow sufficient time (approximately 30 min) for the temperature of the chamber to stabilize. While maintaining a constant temperature inside the chamber, turn the EUT on and measure the EUT operating frequency.
- 4. Repeat step 2 with a 10℃ decreased per stage until the lowest temperature -30℃ is measured, record all measured frequencies on each temperature step.

6.2.2 Frequency stability versus input voltage

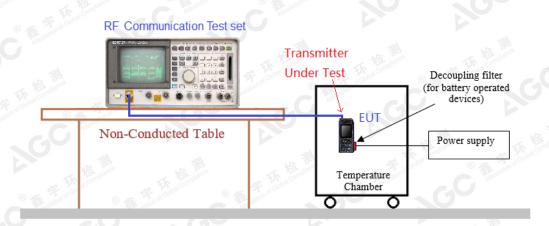
- 1. Setup the configuration per figure 1 for frequencies measured at temperature if it is within 15° C to 25° C. Otherwise, an environment chamber set for a temperature of 20° C shall be used. The EUT shall be powered by DC 7.4V.
- 2. Set SA center frequency to the EUT radiated frequency. Set SA Resolution Bandwidth to 1 KHz and Video Resolution Bandwidth to 1KHz. Record this frequency as reference frequency.
- 3. Supply the EUT primary voltage at the operating end point which is specified by manufacturer and record the frequency.

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Page 16 of 170

6.3 TEST SETUP BLOCK DIAGRAM



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Page 17 of 170

6.4 TEST RESULTS

VHF-Analog:

(1) Frequency stability versus input voltage (Supply nominal voltage is 7.40V)-5W-12.5KHz

Environment	Power Supply	Reference Frequency		су	Limit:
Temperature(°C)	(V)	136.025MHz	155.025MHz	173.975MHz	ppm
50	DC 7.40 V	0.387	0.653	0.602	obal Compilio
40	DC 7.40 V	0.731	0.805	0.792	
30	DC 7.40 V	0.909	0.900	0.586	
20	DC 7.40 V	0.557	0.798	0.575	
10 Sandarion	DC 7.40 V	0.691	0.936	0.887	5
0	DC 7.40 V	0.697	0.528	1.032	C Frois
-10	DC 7.40 V	1.057	1.034	1.064	Attestation
-20	DC 7.40 V	0.605	0.536	0.742	
30	DC 7.40 V	0.845	0.660	0.588	
Result	Allesia A		Pass	-all - F	TILL STATE OF THE

Environment	Power Supply	Reference F	requency	Limit:
Temperature(°C)	(V)	151.85MHz	161.61MHz	ppm
50	DC 7.40 V	0.444	1.000	1
±20 € 40 € COO	DC 7.40 V	0.326	0.389	AST TONGS
30	DC 7.40 V	0.409	0.902	E Global Compile
20	DC 7.40 V	0.438	0.955	ijor o'
10	DC 7.40 V	0.637	0.904	5
重要	DC 7.40 V	0.482	0.509	
-10 - The state of	DC 7.40 V	0.945	0.938	
-20	DC 7.40 V	0.953	0.942	4
-30	DC 7.40 V	0.744	0.789	(B) Milestation of
Result	TK Emphance	Pass	20 .6	

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Page 18 of 170

(2) Frequency stability versus input voltage (Battery endpoint is 6V) -5W-12.5KHz

Environment	Power	Reference Frequency		Limit:	
Temperature(°C)	(V)	136.025MHz	155.025MHz	173.975MHz	ppm
50	DC 6.00 V	0.813	0.653	0.665	
40	DC 6.00 V	0.736	0.792	0.789	THE SALE
30	DC 6.00 V	0.674	1.037	0.517	That Compilant
20	DC 6.00 V	0.693	0.980	0.728	of G
10	DC 6.00 V	1.086	0.800	0.691	5
2 Th 0 Th	DC 6.00 V	0.961	1.046	0.625	
-10 @ # Jahlon of C	DC 6.00 V	0.593	0.955	0.847	7.
-20	DC 6.00 V	0.948	0.865	0.737	G F F of Glob
-30	DC 6.00 V	0.976	0.509	0.616	Attestation Attestation
Result	The polisines	The Compliance	Pass	Attestation C	

Environment	Power Supply	Power Supply Reference Frequency			
Temperature(°C)	(V)	151.85MHz	161.61MHz	ppm	
50	DC 6.00 V	0.833	0.373	60	
40	DC 6.00 V	0.347	0.594		
30	DC 6.00 V	0.831	0.622	-1111	
20	DC 6.00 V	0.836	0.421	Kal plane	
10	DC 6.00 V	0.754	0.898	5	
0	DC 6.00 V	0.606	0.645		
-10	DC 6.00 V	0.962	0.964		
-20	DC 6.00 V	0.400	0.664		
-30	DC 6.00 V	0.703	0.991	2	
Result		Pass	Marce Thomas Comm	0 E F	

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Report No.: AGC02294181204FE10 Page 19 of 170

(3) Frequency stability versus input voltage (Supply nominal voltage is 7.40V)-1W-12.5KHz

Environment	Power Supply		Reference Frequen	cy	Limit:
Temperature(°C)	(V)	136.025MHz	155.025MHz	173.975MHz	ppm
150 King 1000	DC 7.40 V	0.405	0.653	1.101	
40	DC 7.40 V	1.072	0.534	0.505	THE SALE
30	DC 7.40 V	0.560	0.943	0.969	That Compliano
20	DC 7.40 V	0.955	0.785	0.688	of G
10	DC 7.40 V	1.065	0.961	0.950	5
2 T 0 1	DC 7.40 V	0.737	1.088	0.622	
-10 @ figuring of	DC 7.40 V	0.685	0.887	1.043	
-20	DC 7.40 V	0.731	0.878	0.746	一年 30
-30	DC 7.40 V	0.973	0.964	0.903	Attestation
Result	The plants	The Compliance	Pass	Mestation Mestation	

Environment	Environment Power Supply Reference Frequency		ce Frequency	Limit:
Temperature(°C)	(V)	151.85MHz	161.61MHz	ppm
50	DC 7.40 V	0.503	0.606	
40	DC 7.40 V	0.622	0.745	
30	DC 7.40 V	0.543	0.877	-
20	DC 7.40 V	0.922	0.802	EK KET
10	DC 7.40 V	0.562	0.470	5
0	DC 7.40 V	0.647	0.479	Attestall
-10	DC 7.40 V	0.458	0.888	
-20	DC 7.40 V	0.436	0.315	711
-30	DC 7.40 V	0.710	0.389	15 planes
Result		Pa	SS T	bal Com

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Report No.: AGC02294181204FE10 Page 20 of 170

(4) Frequency stability versus input voltage (Battery endpoint is 6V) -1W-12.5KHz

Environment	Power		Reference Frequency		Reference Frequency		Limit:
Temperature(°C)	(V)	136.025MHz	155.025MHz	173.975MHz	ppm		
50 things	DC 6.00 V	0.323	0.653	0.965	7		
40	DC 6.00 V	1.007	0.526	0.652	ALL THE		
30	DC 6.00 V	0.902	0.772	1.035	The Sompliance		
20	DC 6.00 V	0.613	0.730	0.724	ofG		
10	DC 6.00 V	1.068	0.956	0.708	5		
1 O 1	DC 6.00 V	0.985	0.904	0.898			
-10 S station of	DC 6.00 V	1.019	0.538	0.988			
-20	DC 6.00 V	0.570	1.067	0.635	G E F 36		
-30	DC 6.00 V	0.916	0.895	0.626	Attestation'		
Result	KEL ONIONO	The Compliance	Pass	Attestation C			

Environment	Power Supply	Reference	e Frequency	Limit:
Temperature(°C)	(V)	151.85MHz	161.61MHz	ppm
50	DC 6.00 V	0.353	0.854	20
40	DC 6.00 V	0.458	0.724	
30 A 15 miles	DC 6.00 V	0.558	0.539	
© 20 months	DC 6.00 V	0.563	0.561	- Kit diance
10	DC 6.00 V	0.445	0.758	5
0	DC 6.00 V	0.469	0.942	Attestation of
-10	DC 6.00 V	0.676	0.312	
-20	DC 6.00 V	0.598	0.827	
-30	DC 6.00 V	0.960	0.534	All S
Result		Pas	SS E	Compile

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Report No.: AGC02294181204FE10 Page 21 of 170

Digital:

(1) Frequency stability versus input voltage (Supply nominal voltage is 7.40V)-5W-12.5KHz

Environment	Power		Reference Frequency		
Temperature(°C)	(V)	136.025MHz	155.025MHz	173.975MHz	ppm
50	DC 7.40 V	0.323	0.653	0.965	1111
40	DC 7.40 V	1.007	0.526	0.652	Compliance
30	DC 7.40 V	0.902	0.772	1.035	G Open
20	DC 7.40 V	0.613	0.730	0.724	(4)
10	DC 7.40 V	1.068	0.956	0.708	5
Marian of Community of the state of the stat	DC 7.40 V	0.985	0.904	0.898	
-10	DC 7.40 V	1.019	0.538	0.988	F 50
-20	DC 7.40 V	0.570	1.067	0.635	Attestation of
-30	DC 7.40 V	0.916	0.895	0.626	
Result	* Global Com	(C) The state of Globa	Pass		•

Environment	Power Supply	Reference	Limit:	
Temperature(°C)	(V)	151.85MHz	161.61MHz	ppm
50	DC 7.40 V	0.357	0.608	10
40	DC 7.40 V	0.781	0.405	
and comp	DC 7.40 V	0.417	0.807	THE SALE
20	DC 7.40 V	0.349	0.925	* Ask Compliand
10	DC 7.40 V	0.745	0.791	5
0	DC 7.40 V	0.818	0.955	Ann a
-10	DC 7.40 V	0.996	0.584	
-20 ®	DC 7.40 V	0.393	0.465	-AME
-30	DC 7.40 V	0.759	0.719	ompliance #
Result	-1111	Pas Pas	SS Marconillion @ A Trade Goo	® ### estation

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Report No.: AGC02294181204FE10 Page 22 of 170

(2) Frequency stability versus input voltage(Battery endpoint is 6V) -5W-12.5KHz

Environment	Power		cy	Limit:	
Temperature(°C)	(V)	136.025MHz	155.025MHz	173.975MHz	ppm
50	DC 6.00 V	1.061	0.922	0.987	7
40	DC 6.00 V	0.991	0.729	1.087	ALLE SAL
30	DC 6.00 V	0.844	0.654	1.013	5) bal Compliant
20	DC 6.00 V	0.541	0.565	0.520	ofe
10	DC 6.00 V	0.999	1.088	1.024	5
1 That 0 1	DC 6.00 V	1.051	0.880	1.044	
-10 [®] # Julion of	DC 6.00 V	0.548	1.074	1.057	
-20	DC 6.00 V	0.845	0.613	1.050	G F G
-30	DC 6.00 V	0.837	0.564	0.594	Attestation,
Result	KEL MINTOS	The Compliance	Pass	artestation (

Environment	Power Supply	Reference	Reference Frequency		
Temperature(°C)	(V)	151.85MHz	161.61MHz	ppm	
50	DC 6.00 V	0.891	1.028	900	
40	DC 6.00 V	0.534	0.665		
130 Th Tomas	DC 6.00 V	0.744	0.619		
© 20 January	DC 6.00 V	0.791	0.622	HE JUNE	
10	DC 6.00 V	0.695	0.651	5	
0	DC 6.00 V	0.713	0.797	Attestation of	
-10	DC 6.00 V	1.034	0.923		
-20	DC 6.00 V	0.546	0.570		
-30	DC 6.00 V	0.804	0.686	III;	
Result		Pas	SS 16 THE	al Complie	

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Report No.: AGC02294181204FE10 Page 23 of 170

(3) Frequency stability versus input voltage (Supply nominal voltage is 7.40V)-1W-12.5KHz

Environment	Power		Reference Frequence	cy	Limit:
Temperature(°C)	(V)	136.025MHz	155.025MHz	173.975MHz	ppm
50 kg	DC 7.40 V	0.739	0.653	0.882	
40	DC 7.40 V	0.672	1.070	1.003	
30	DC 7.40 V	0.978	0.594	0.523	F hal Compliant
20	DC 7.40 V	0.704	0.580	0.841	ofe
10	DC 7.40 V	0.950	0.881	0.888	5
2 Th 0 . I	DC 7.40 V	1.082	0.594	0.509	
-10 ® #	DC 7.40 V	0.829	1.067	0.785	
-20	DC 7.40 V	0.857	0.640	1.067	F 56
-30	DC 7.40 V	0.923	0.755	0.744	Attestation Attestation
Result	KI planes	The Compliance	Pass	attestation of the state of the	

Environment	Power Supply	Reference	Frequency	Limit:
Temperature(°C)	(V)	151.85MHz	161.61MHz	ppm
50	DC 7.40 V	0.628	0.346	-C
40	DC 7.40 V	0.338	0.730	
30	DC 7.40 V	0.878	0.944	
20	DC 7.40 V	0.822	0.654	ALL SAL
10	DC 7.40 V	0.317	0.947	5 de Compliant
0	DC 7.40 V	0.978	0.399	9 Station of Gu
-10	DC 7.40 V	0.916	0.540	7 ***
-20	DC 7.40 V	0.371	0.518	
-30	DC 7.40 V	0.463	0.618	TIME .
Result		Pass	(學)	Compliance

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Page 24 of 170

(4) Frequency stability versus input voltage (Battery endpoint is 6V) -1W-12.5KHz

Environment	Power	45. The	Reference Frequer	ncy	Limit:
Temperature(°C)	(V)	136.025MHz	155.025MHz	173.975MHz	ppm
50	DC 6.00 V	0.515	0.653	0.807	
40	DC 6.00 V	0.847	0.787	0.820	ALL THE
30	DC 6.00 V	0.544	0.750	0.735	F hal Compilant
20	DC 6.00 V	0.537	0.552	0.634	ofe
10	DC 6.00 V	0.728	1.034	0.801	5
T 0 1	DC 6.00 V	0.654	0.845	0.697	
8 masterior of -10 8 masterior of the	DC 6.00 V	0.765	0.959	0.787	7.
-20	DC 6.00 V	0.762	0.743	0.869	F 1500
-30	DC 6.00 V	0.961	1.073	0.906	Attestation
Result	The policine	The Compliance	Pass	Allestation C	

Environment	Power Supply	Reference	Frequency	Limit:
Temperature(°C)	(V)	151.85MHz	161.61MHz	ppm
50	DC 6.00 V	0.694	0.651	3101 2
40	DC 6.00 V	0.991	0.908	
30	DC 6.00 V	0.437	0.441	
20	DC 6.00 V	0.378	0.782	100
10	DC 6.00 V	0.973	0.609	5
0	DC 6.00 V	0.826	0.874	3) Milestation of Co
-10	DC 6.00 V	0.999	0.503	
-20	DC 6.00 V	0.766	0.990	-
-30	DC 6.00 V	0.493	0.856	ling:
Result		Pas	S IN	Compliance

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Page 25 of 170

UHF: Analog:

(1) Frequency stability versus input voltage (Supply nominal voltage is 7.40V)-5W-12.5KHz

Environment	Power	Reference Frequency			Limit:
Temperature(°C)	(V)	400.025MHz	454.025MHz	469.975MHz	ppm
50	DC 7.40 V	0.837	0.653	0.708	Compliance
40	DC 7.40 V	0.580	0.615	0.717	of Gobal C
30	DC 7.40 V	0.947	0.570	0.589	
20	DC 7.40 V	0.828	0.823	1.079	
10 @ A Thord	DC 7.40 V	0.706	0.948	1.003	2.5
Alles O Alles	DC 7.40 V	0.879	0.670	0.548	THE ST
-10	DC 7.40 V	0.857	0.943	0.553	(B) The station of C
-20	DC 7.40 V	0.725	0.590	0.848	
-30	DC 7.40 V	0.994	0.814	0.728	
Result	station or sale	Allestanos	Pass		d

(2) Frequency stability versus input voltage (Battery endpoint is 6V) -5W-12.5KHz

Environment	Power Supply	五 inco	Reference Frequen	icy	Limit:
Temperature(°C)	(V)	400.025MHz	454.025MHz	469.975MHz	ppm
50	DC 6.00 V	0.985	0.938	0.720	-TIII
40	DC 6.00 V	0.759	0.569	0.611	The Compliance
30	DC 6.00 V	0.705	0.366	0.334	To of Global
20	DC 6.00 V	0.770	0.896	0.462	
10	DC 6.00 V	0.625	0.900	0.775	2.5
_ # 3000 0 0 0 M	DC 6.00 V	0.369	0.950	0.672	
-10	DC 6.00 V	0.949	0.983	0.735	Co
-20	DC 6.00 V	0.471	0.917	0.922	® Standard
-30	DC 6.00 V	0.553	0.635	0.860	C Allesu
Result	II John Comp.	Altestation	Pass	60	

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Page 26 of 170

(3) Frequency stability versus input voltage (Supply nominal voltage is 7.40V)-1W-12.5KHz

Environment	Power	3/11	Reference Frequence	cy A double	Limit:
Temperature(°C)	(V)	400.025MHz	454.025MHz	469.975MHz	ppm
50	DC 7.40 V	0.406	0.653	0.864	
40	DC 7.40 V	0.549	0.775	0.610	The state of
30	DC 7.40 V	0.674	0.792	1.006	1 hal Compliano
20	DC 7.40 V	0.781	0.983	1.072	ofe
10	DC 7.40 V	0.871	0.654	0.568	2.5
2 Th 0 3	DC 7.40 V	0.582	1.045	0.983	
-10 6	DC 7.40 V	1.066	0.554	0.943	
-20	DC 7.40 V	1.060	0.999	0.804	G E F OF Glot
-30	DC 7.40 V	0.554	0.726	0.836	Attestation
Result	T Kindlence	EN Compliance	Pass	Attestation	

(4) Frequency stability versus input voltage (Battery endpoint is 6V) -1W-12.5KHz

Environment	Power		Reference Frequency		
Temperature(°C)	(V)	400.025MHz	454.025MHz	469.975MHz	ppm
50	DC 6.00 V	0.977	0.422	0.345	
40	DC 6.00 V	0.838	0.442	0.353	
od com	DC 6.00 V	0.615	0.639	0.477	THE SALE
20	DC 6.00 V	0.636	0.519	0.936	The Mile Compliance
10	DC 6.00 V	0.644	0.355	0.544	2.5
0	DC 6.00 V	0.332	0.889	0.605	
-10	DC 6.00 V	0.744	0.576	0.393	
-20 ® #	DC 6.00 V	0.933	0.912	0.474	
-30	DC 6.00 V	0.579	0.845	0.393	12.
Result		不检	Pass	© A Globa	® station

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Page 27 of 170

Digital:

(1) Frequency stability versus input voltage (Supply nominal voltage is 7.40V)-5W-12.5KHz

Environment	Power		Reference Frequen	су	Limit:
Temperature(°C)	(V)	400.025MHz	454.025MHz	469.975MHz	ppm
50	DC 7.40 V	0.793	0.653	0.638	- :711/1
40	DC 7.40 V	0.653	0.777	0.560	Compliance
30	DC 7.40 V	0.642	0.638	0.892	3.000
20	DC 7.40 V	1.000	0.786	0.868	
10 J	DC 7.40 V	0.602	0.895	0.541	2.5
Martin of Community of Communit	DC 7.40 V	0.964	0.840	0.581	
-10	DC 7.40 V	0.864	1.085	0.571	THE STATE OF
-20	DC 7.40 V	1.058	0.955	0.978	Attestation of
-30	DC 7.40 V	0.672	0.771	0.809	
Result	F Global Com	(C) A Cloba	Pass		•

(2) Frequency stability versus input voltage(Battery endpoint is 6V) -5W-12.5KHz

Environment	Power	-1111	Reference Frequen	icy	Limit:
Temperature(°C)	(V)	400.025MHz	454.025MHz	469.975MHz	ppm
50	DC 6.00 V	0.334	0.478	0.825	
40 di Gloral Co	DC 6.00 V	0.650	0.650	0.426	111
30	DC 6.00 V	0.657	0.702	0.407	* Kil Compliance
20	DC 6.00 V	0.726	0.835	0.801	io of Globe
10	DC 6.00 V	0.923	0.365	0.745	2.5
₹0 °	DC 6.00 V	0.682	0.743	0.944	
_ f	DC 6.00 V	0.667	0.478	0.534	
-20	DC 6.00 V	0.564	0.891	0.459	90
-30	DC 6.00 V	0.857	0.431	0.789	® A statio
Result	42 mg	3 Global C	Pass	Allestan	

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Page 28 of 170

(3) Frequency stability versus input voltage (Supply nominal voltage is 7.40V)-1W-12.5KHz

Environment	Power	100 N	Reference Frequen	cy	Limit:
Temperature(°C)	(V)	400.025MHz	454.025MHz	469.975MHz	ppm
50	DC 7.40 V	0.693	0.653	1.038	
40	DC 7.40 V	0.854	0.527	1.078	THE THE
30	DC 7.40 V	0.661	0.894	1.016	Final Compliant
20	DC 7.40 V	0.729	0.746	0.854	of G
10	DC 7.40 V	0.901	0.908	0.758	2.5
1 0 I	DC 7.40 V	0.549	0.777	0.878	
-10 @ # Jahon of C	DC 7.40 V	0.617	1.085	0.746	
-20	DC 7.40 V	1.009	0.881	0.606	F F OF SH
-30	DC 7.40 V	0.891	1.047	0.889	Attestation of Attest
Result	King planes	EX Compliance	Pass	Attestation	

(4) Frequency stability versus input voltage (Battery endpoint is 6V) -1W-12.5KHz

Environment	Power		Reference Frequer	ncy	Limit:
Temperature(°C)	(V)	400.025MHz	454.025MHz	469.975MHz	ppm
50	DC 6.00 V	0.779	0.732	0.869	
40	DC 6.00 V	0.761	0.928	0.456	
30	DC 6.00 V	0.803	0.714	0.868	
20	DC 6.00 V	0.905	0.715	0.539	The Regulation of the Property
10	DC 6.00 V	0.903	0.488	0.771	2.5
0	DC 6.00 V	0.867	0.374	0.558	
-10	DC 6.00 V	0.693	0.572	0.324	
-20 ® #	DC 6.00 V	0.712	0.835	0.537	
-30	DC 6.00 V	0.738	0.835	0.318	The state of the s
Result	-711	1、惊	Pass	® A adjoin of Globs	® The station

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Page 29 of 170

7. EMISSION BANDWIDTH

7.1 PROVISIONS APPLICABLE

FCC Part 90 & FCC Part 22:

The authorized bandwidth shall be 11.25 KHz for 12.5 KHz channel separation and 6 KHz for 6.25 KHz channel separation.

7.2 MEASUREMENT PROCEDURE

- 1). The EUT was placed on a turn table which is 0.8m above ground plane.
- 2). The EUT was modulated by 2.5 KHz Sine wave audio signal, The level of the audio signal employed is 16 dB greater than that necessary to produce 50% of rated system deviation. Rated system deviation is 2.5 kHz (12.5 kHz channel spacing).
 - 3). Set SPA Center Frequency = fundamental frequency, RBW=100Hz.VBW= 300 Hz, Span =50 KHz.
 - 4). Set SPA Max hold. Mark peak, -26 dB.

7.3 TEST SETUP BLOCK DIAGRAM



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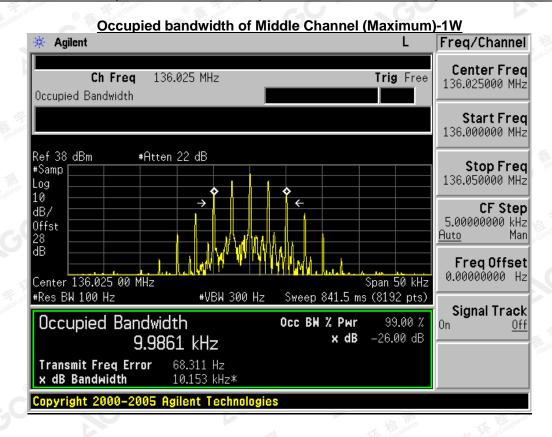
Page 30 of 170

7.4 MEASUREMENT RESULT

VHF:

Analog:12.5KHz

Thaiby. I Livi ti IL						
	26 dB Bandwidt	h Measurement Result				
Operating Fraguency	12.5 KHz Channel Separation					
Operating Frequency	Test Data	Limits	Result			
136.025MHz	10.153KHz	11.25 KHz	Pass			
151.850MHz	10.153KHz	11.25 KHz	Pass			
161.610MHz	10.153KHz	11.25 KHz	Pass			
173.975MHz	10.152KHz	11.25 KHz	Pass			



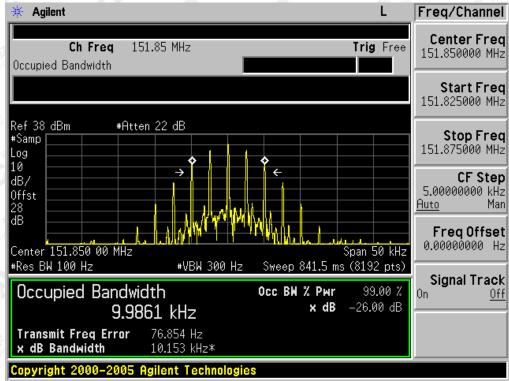
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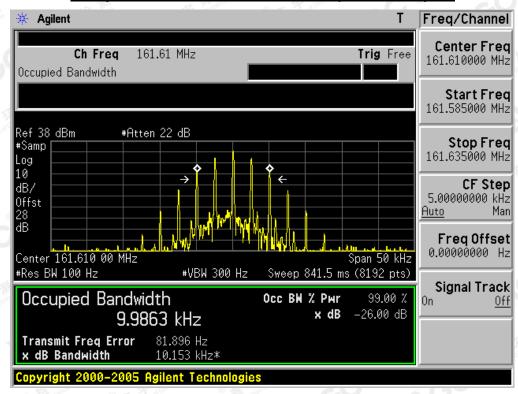


Page 31 of 170

Occupied bandwidth of Bottom Channel (151.850 MHz)-1W



Occupied bandwidth of Middle Channel (161.610 MHz)-1W

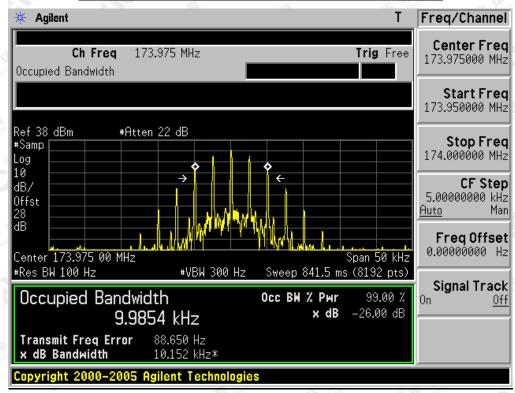


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Page 32 of 170

Occupied bandwidth of Top Channel (173.975 MHz)-1W



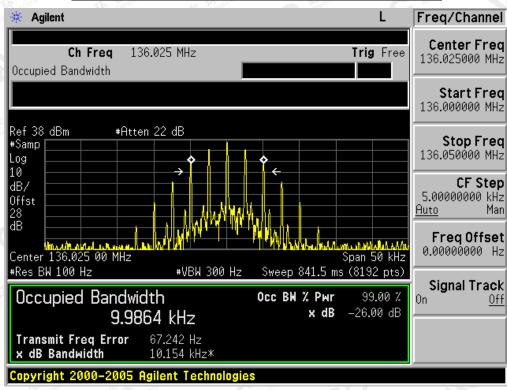
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Page 33 of 170

	26 dB Bandwidth	Measurement Result			
Operating Frequency	12.5 KHz Channel Separation				
	Test Data	Limits	Result		
136.025MHz	10.154KHz	11.25 KHz	Pass		
151.850MHz	10.153KHz	11.25 KHz	Pass		
161.610MHz	10.153KHz	11.25 KHz	Pass		
173.975MHz	10.152KHz	11.25 KHz	Pass		

Occupied bandwidth of Bottom Channel (Maximum)-5W



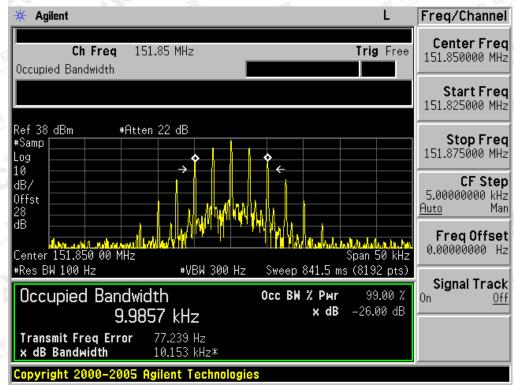
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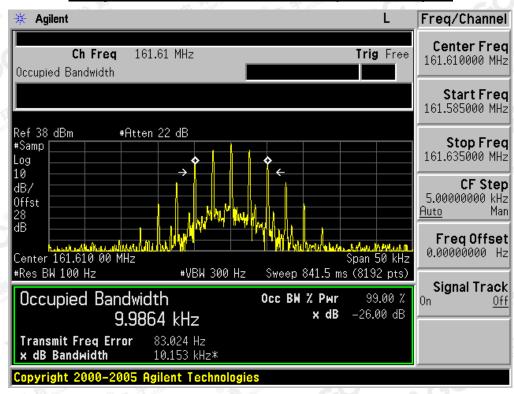


Page 34 of 170

Occupied bandwidth of Middle Channel (151.850 MHz)-5W



Occupied bandwidth of Middle Channel (161.610 MHz)-5W

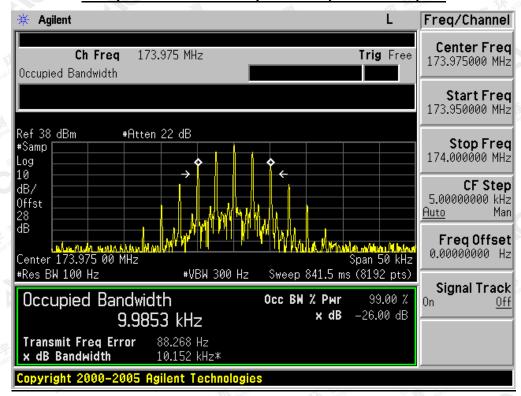


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Page 35 of 170

Occupied bandwidth of Top Channel (173.975 MHz)-5W



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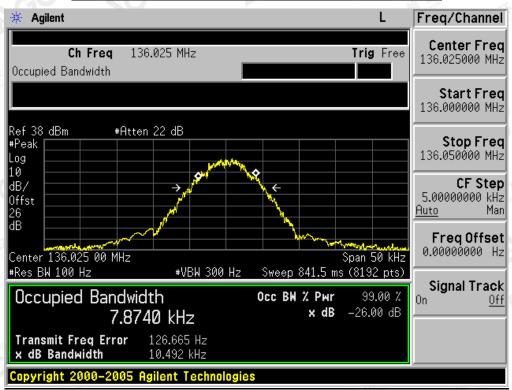
Page 36 of 170

Digital: VHF:

TEST RESULTS

26 DB BANDWIDTH MEASUREMENT RESULT					
	12.5 KHz Channel Separation				
Operating Frequency —	Test Data	Limits	Result		
136.025MHz	10.492KHz	11.25 KHz	Pass		
151.850MHz	10.104KHz	11.25 KHz	Pass		
161.610MHz	9.898KHz	11.25 KHz	Pass		
173.975MHz	10.754KHz	11.25 KHz	Pass		

Occupied bandwidth of Bottom Channel (Maximum)-1W



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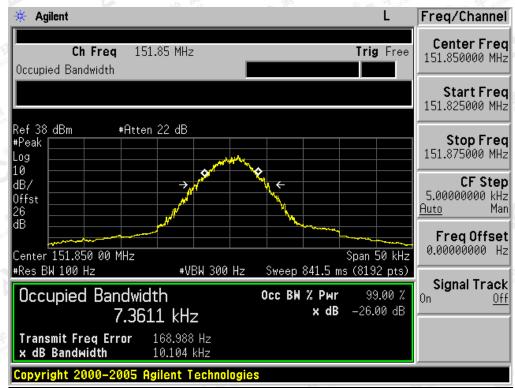


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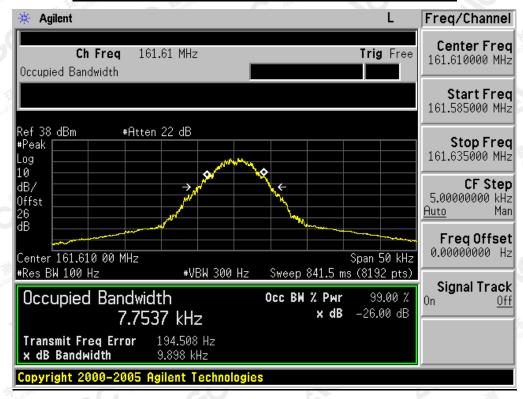


Page 37 of 170

Occupied bandwidth of Middle Channel (151.850 MHz)-1W



Occupied bandwidth of Middle Channel (161.610 MHz)-1W

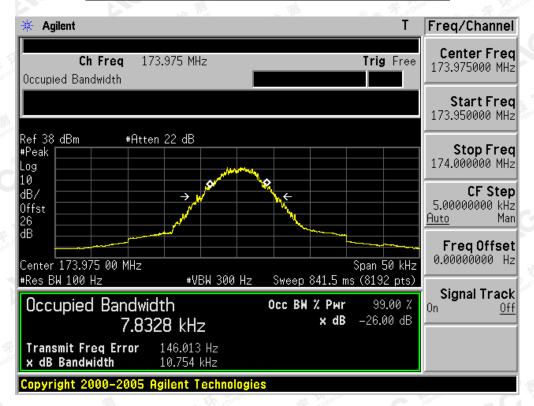


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Page 38 of 170

Occupied bandwidth of Top Channel (173.975 MHz)-1W



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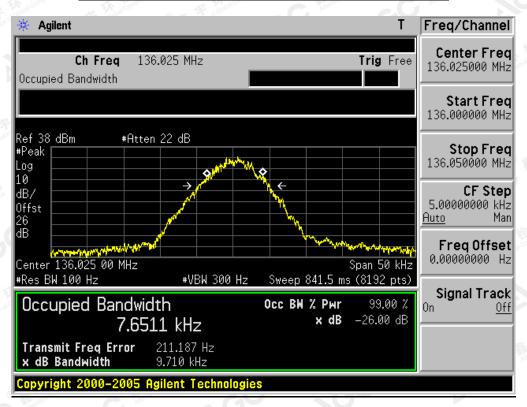


Page 39 of 170

TEST RESULTS

<u> </u>		30 No. 10 No	The state of the s
	26 DB BANDWIDTH MEAS	SUREMENT RESULT	
One weating Tree successive	12.	5 KHz Channel Separatio	n
Operating Frequency	Test Data	Limits	Result
136.025MHz	9.710KHz	11.25 KHz	Pass
151.850MHz	9.702KHz	11.25 KHz	Pass
161.610MHz	9.843KHz	11.25 KHz	Pass
173.975MHz	10.672KHz	11.25 KHz	Pass

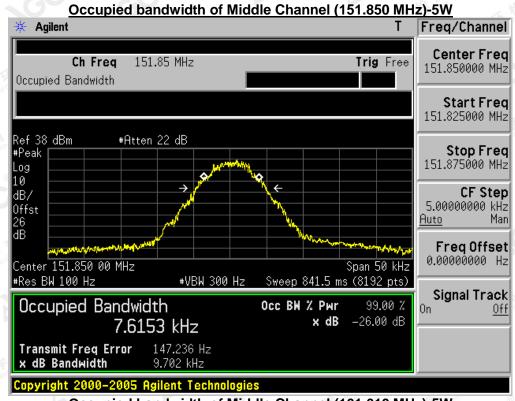
Occupied bandwidth of Bottom Channel (Maximum)-5W

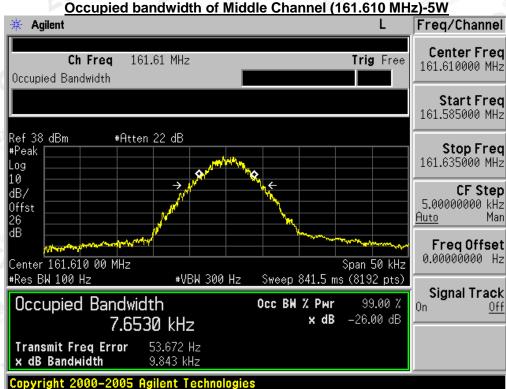


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Page 40 of 170

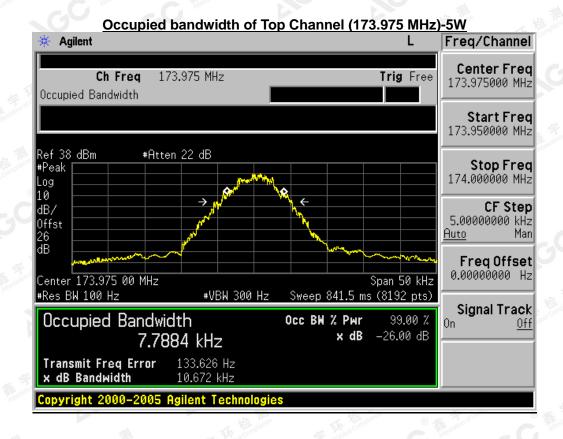




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Page 41 of 170



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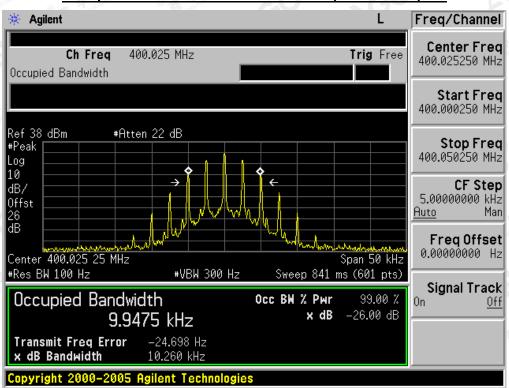
Page 42 of 170

UHF:

Analog:12.5KHz

26 DB BANDWIDTH MEASUREMENT RESULT					
On a setting Fire succession	12.5	KHz Channel Separation			
Operating Frequency	Test Data	Limits	Result		
400.025MHz	10.260KHz	11.25 KHz	Pass		
453.225MHz	10.283KHz	11.25 KHz	Pass		
454.025MHz	10.282KHz	11.25 KHz	Pass		
469.975MHz	10.286KHz	11.25 KHz	Pass		

Occupied bandwidth of Bottom Channel (400.025MHz)-1W

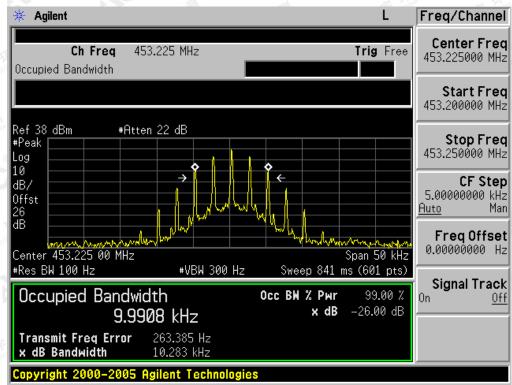


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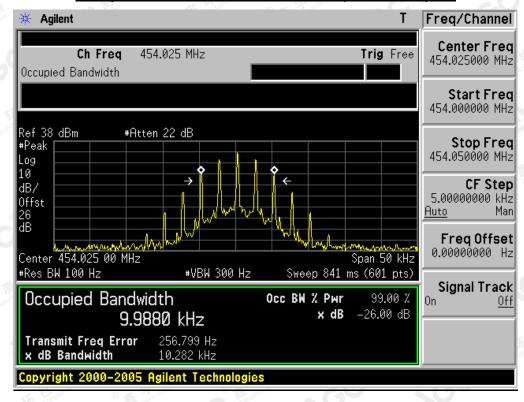


Page 43 of 170

Occupied bandwidth of Middle Channel (453.225MHz)-1W



Occupied bandwidth of Middle Channel (454.025MHz)-1W



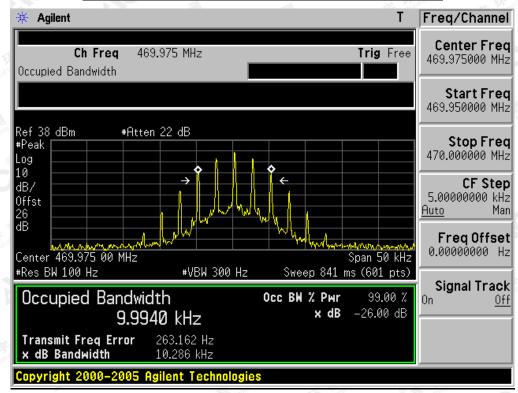
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Page 44 of 170

Occupied bandwidth of Top Channel (469.975MHz)-1W



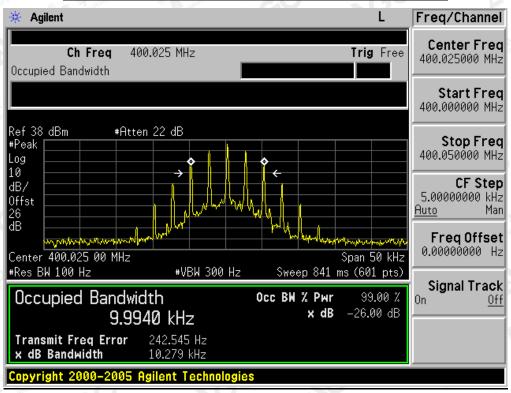
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Page 45 of 170

			3 3		
26 DB BANDWIDTH MEASUREMENT RESULT					
On a ration of Francisco	12.5	KHz Channel Separation			
Operating Frequency	Test Data	Limits	Result		
400.025MHz	10.279KHz	11.25 KHz	Pass		
453.225MHz	10.286KHz	11.25 KHz	Pass		
454.025MHz	10.285KHz	11.25 KHz	Pass		
469.975MHz	10.284MHz	11.25 KHz	Pass		

Occupied bandwidth of Bottom Channel (400.025MHz)-5W

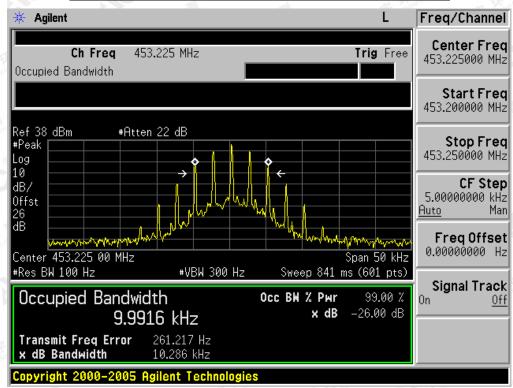


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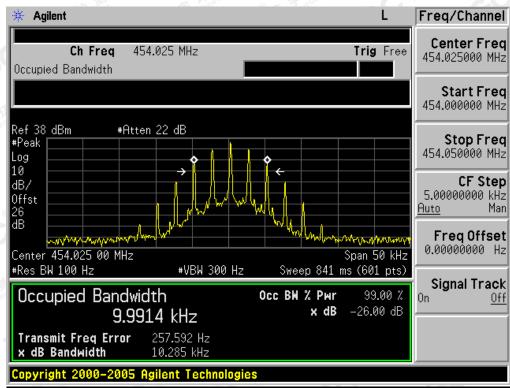


Page 46 of 170

Occupied bandwidth of Middle Channel (453.225MHz)-5W



Occupied bandwidth of Middle Channel (454.025MHz)-5W

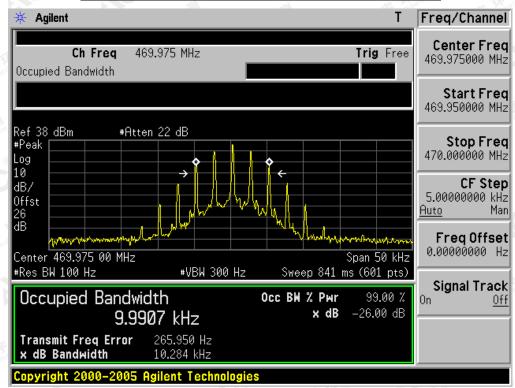


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Page 47 of 170

Occupied bandwidth of Top Channel (469.975MHz)-5W



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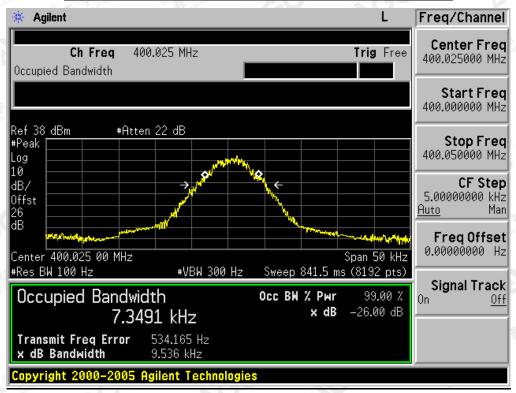
Page 48 of 170

Digital:

TEST RESULTS

26 DB BANDWIDTH MEASUREMENT RESULT				
On a ratio a Francisco	12	.5 KHz Channel Separation		
Operating Frequency	Test Data	Limits	Result	
400.025MHz	9.536KHz	11.25 KHz	Pass	
453.225MHz	9.407KHz	11.25 KHz	Pass	
454.025MHz	9.916KHz	11.25 KHz	Pass	
469.975MHz	10.000KHz	11.25 KHz	Pass	

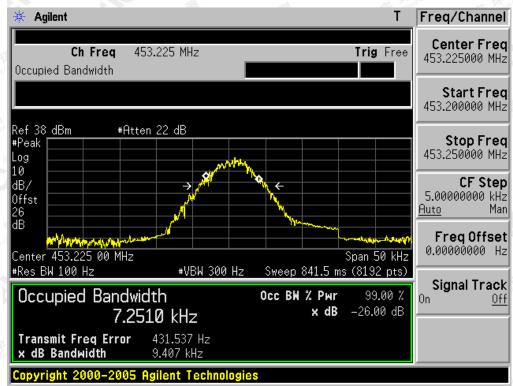
Occupied bandwidth of Bottom Channel (400.025MHz) -1W



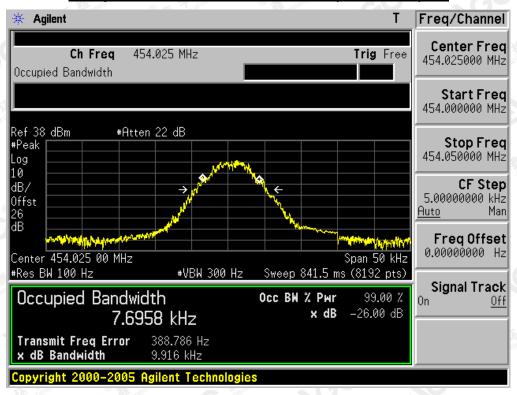
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Page 49 of 170

Occupied bandwidth of Middle Channel (453.225MHz)-1W



Occupied bandwidth of Middle Channel (454.025MHz)-1W

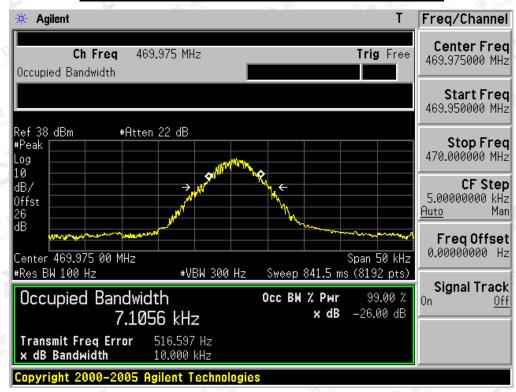


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Page 50 of 170

Occupied bandwidth of Top Channel (469.975MHz)-1W



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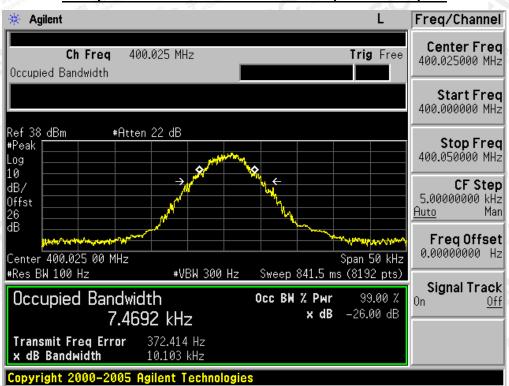


Page 51 of 170

TEST RESULTS

<u> </u>		3: 10 000	
	26 DB BANDWIDTH MEAS	SUREMENT RESULT	
On a ratio a Francisco	12.	5 KHz Channel Separatio	n
Operating Frequency	Test Data	Limits	Result
400.025MHz	10.103KHz	11.25 KHz	Pass
453.225MHz	9.352KHz	11.25 KHz	Pass
454.025MHz	9.662KHz	11.25 KHz	Pass
469.975MHz	9.355KHz	11.25 KHz	Pass

Occupied bandwidth of Bottom Channel (400.025MHz)-5W

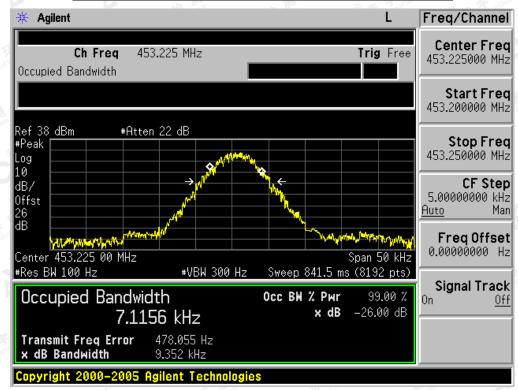


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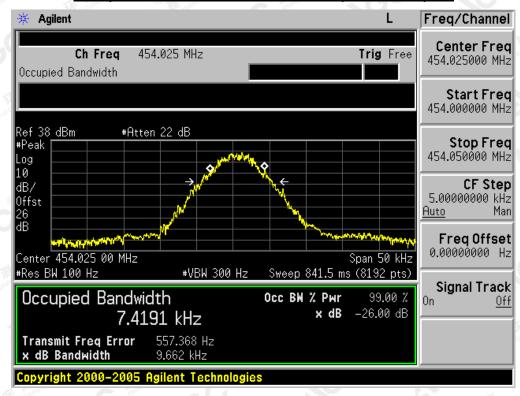
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Page 52 of 170

Occupied bandwidth of Middle Channel (453.225MHz)-5W



Occupied bandwidth of Middle Channel (454.025MHz)-5W

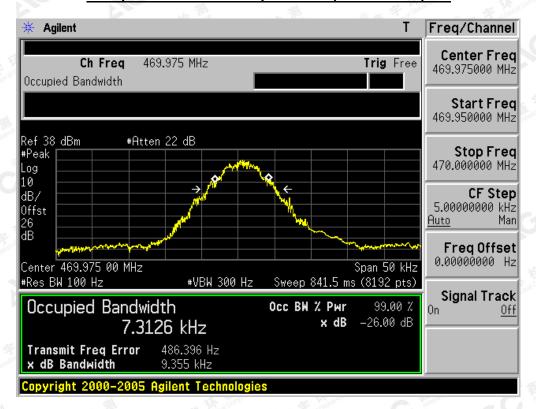


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Occupied bandwidth of Top Channel (469.975MHz)-5W



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Attestation of Global Compliance

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Page 54 of 170

8. UNWANTED RADIATION

8.1 PROVISIONS APPLICABLE

8.1.1 According to FCC §2.1049, §22.359 and §90.210, the power of each unwanted emission shall be less than Transmitted Power as specified below for transmitters designed to operate with each channel separation.

Emission Mask D -for 12.5 KHz Channel Separation:

- (1).On any frequency removed from the center of the authorized bandwidth fo to 5.625 KHz removed from fo: Zero dB.
- (2).On any frequency removed from the center of the authorized bandwidth by a displacement Frequency (fd in KHz) fo of more than 5.625 KHz but no more than 12.5 KHz: At least 7.27(fd-2.88 KHz) dB
- (3).On any frequency removed from the center of the authorized bandwidth by a displacement Frequency (fd in KHz)fo of more than 12.5 KHz: At least 50+10 log(P) dB or 70 dB, whichever is lesser attenuation.

8.2 MEASUREMENT PROCEDURE

- (1)On a test site, the EUT shall be placed on a turntable, and in the position closest to the normal use as declared by the user.
- (2) The test antenna shall be oriented initially for vertical polarization located 3m from the EUT to correspond to the transmitter.
- (3)The output of the antenna shall be connected to the measuring receiver and either a peak or quasi-peak detector was used for the measurement as indicated on the report. The detector selection is based on how close the emission level was approaching the limit.
- (4) The transmitter shall be switched on; if possible, without the modulation and the measurement receiver shall be tuned to the frequency of the transmitter under test.
- (5)The test antenna shall be raised and lowered through the specified range of height until the measuring receiver detects a maximum signal level.
- (6) The transmitter shall than be rotated through 360° in the horizontal plane, until the maximum signal level is detected by the measuring receiver.
- (7)The test antenna shall be raised and lowered again through the specified range of height until the measuring receiver detects a maximum signal level.
- (8) The maximum signal level detected by the measuring receiver shall be noted.
- (9) The measurement shall be repeated with the test antenna set to horizontal polarization.
- (10) Replace the antenna with a proper Antenna (substitution antenna).
- (11)The substitution antenna shall be oriented for vertical polarization and, if necessary, the length of the substitution antenna shall be adjusted to correspond to the frequency of transmitting.
- (12) The substitution antenna shall be connected to a calibrated signal generator.
- (13)If necessary, the input attenuator setting of the measuring receiver shall be adjusted in order to increase the sensitivity of the measuring receiver.
- (14)The test antenna shall be raised and lowered through the specified range of the height to ensure that the maximum signal is received.
- (15)The input signal to substitution antenna shall be adjusted to the level that produces a level detected by the measuring receiver, that is equal to the level noted while the transmitter radiated power was measured, corrected for the change of input attenuation setting of the measuring receiver.
- (16) The input level to the substitution antenna shall be recorded as power level in dBm, corrected for any change of input attenuator setting of the measuring receiver.
- (17)The measurement shall be repeated with the test antenna and the substitution antenna oriented for horizontal polarization.

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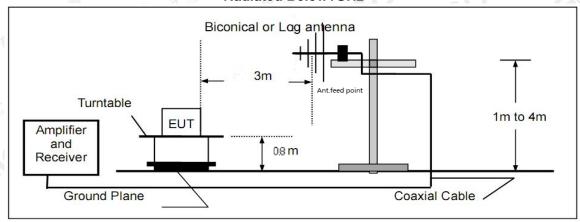


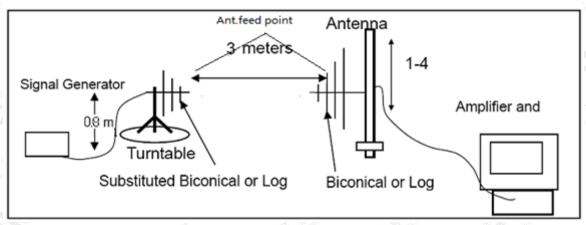
Page 55 of 170

8.3 TEST SETUP BLOCK DIAGRAM

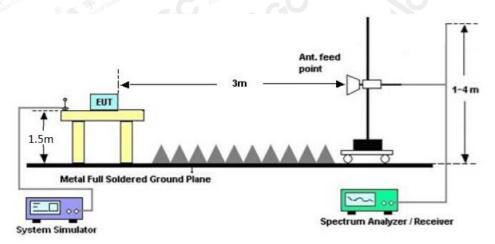
SUBSTITUTION METHOD: (Radiated Emissions)

Radiated Below1GHz





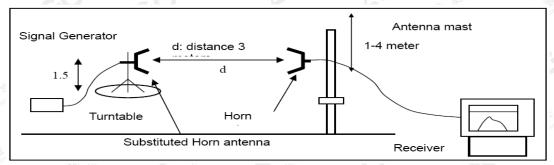
Radiated Above 1 GHz



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Page 56 of 170



8.4 MEASUREMENT RESULTS:

Applicable Standard

FCC §2.1053, §22.359 and §90.210

On any frequency removed from the center of the authorized bandwidth by a displacement

Frequency (fd in KHz)for of more than 12.5 KHz: at least 50+10 log(P) dB or 70 dB, whichever is lesser attenuation.

Test Procedure

The RF output of the EUT was connected to a spectrum analyzer through appropriate attenuation. The resolution bandwidth of the spectrum analyzer was set at 100 kHz for below 1GHz, and 1MHz for above 1GHz. Sufficient scans were taken to show any out of band emissions up to 10 harmonic.

In the semi-anechoic chamber, setup as illustrated above the DUT placed on the 0.8m height of Turn Table, rotated the table 45 degree each interval to search the maximum radiation power and receiver antenna shall be rotated vertical and horizontal polarization and moved height from 1m to 4m to find the maximum polar radiated power for each degree interval. The "Read Value" is the spectrum reading of maximum power value.

The substitution antenna is substituted for DUT at the same position and signals generator (S.G) export the CW signal to the substitution antenna via a TX cable. The receiver antenna shall be rotated vertical and horizontal polarization and moved height from 1m to 4m to find the maximum radiation power. Record the power level of maximum radiation power from spectrum. So, the Measured substitution value = Ref level of S.G + TX cables loss – Substituted Antenna Gain.

EIRP = "Read Value" + Measured substitution value + 2.15.

Limit: At least 50+10 log (P) = $50+10\log(5) = 56.99$ (dB)—5W 36.99-56.02=-20 dBm At least 50+10 log (P) = $50+10\log(1) = 50$ (dB)—1W 30-50=-20dBm

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Page 57 of 170

VHF: Analog:

Measurement Result for 12.5 KHz Channel Separation @ 136.025MHz-5W

Emission Frequency (MHz)	Ant. Polarity(H/V)	Measurement Result (dBm)	Limit (dBm)	Result(P/F)
136.025	Н	0	利	pass
272.050	Н 🚓	-34.4	-20	pass
408.08	CO H SECOND	-35.1	-20	pass
544.100	H	-37.9	-20	pass
680.125	Н	-40.3	-20	pass
816.150	Н	-41.1	-20	pass
952.175	::::\H	-42.9	-20	pass
1088.200	IN Proposition H	-43.5	-20	pass
1224.225	not Global H ®	-45.5	-20	pass
1360.250	H	-48.3	-20	pass

Emission Frequency (MHz)	Ant. Polarity(H/V)	Measurement Result (dBm)	Limit (dBm)	Result(P/F)
136.025	Number V	0		pass
272.050	V	-34.5	-20	pass
408.08	V	-36.2	-20	pass
544.100	** V 3	-38.6	-20	pass
680.125	V3 Mariano di	-40.2	-20	pass
816.150	V	-41.4	-20	pass
952.175	V	-43.6	-20	pass
1088.200	V	-45.4	-20	pass
1224.225	V	-46.9	-20	pass
1360.250	FA Dal Comp	-48.3	-20	pass

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Page 58 of 170

Measurement Result for 12.5 KHz Channel Separation @ 151.850MHz-5W

Emission Frequency (MHz)	Ant. Polarity(H/H)	Measurement Result (dBm)	Limit (dBm)	Result(P/F)
151.850	H	0		pass
303.700	Н	-33.3	-20	pass
455.550	H	-36.3	-20	pass
607.400	H ®	-37.3	-20	pass
759.250	HC	-38.2	-20	pass
911.100	Н	-39.9	-20	pass
1062.950	Н	-40.1	-20	pass
1214.800	_H/A	-41.7	-20	pass
1366.650	T THE	-42.3	-20	pass
1518.500	H Region of Glow	-44.3	-20	pass

Emission Frequency (MHz)	Ant. Polarity(H/H)	Measurement Result (dBm)	Limit (dBm)	Result(P/F)
151.850	V	0		pass
303.700	V	-32.3	-20	pass
455.550	V	-34.1	-20	pass
607.400	V V	-36.3	-20	pass
759.250	Compliance V @	-35.1	-20	pass
911.100	V	-37.4	-20	pass
1062.950	V	-42.1	-20	pass
1214.800	V	-41.5	-20	pass
1366.650	V. Millione	-42.2	-20	pass
1518.500	Z Z V	-47.7	-20	pass

Measurement Result for 12.5 KHz Channel Separation @ 155.025MHz-5W

Emission Frequency (MHz)	Ant. Polarity(H/V)	Measurement Result (dBm)	Limit (dBm)	Result(P/F)
155.025	Н	0		pass
310.050	Н	-29.6	-20	pass
465.075	-s h	-30.3	-20	pass
620.100	THE MENT OF	-31.2	-20	pass
775.125	and Globa H ®	-34.2	-20	pass
930.150	н	-38.5	-20	pass
1085.175	H	-41.1	-20	pass
1240.200	H	-46.3	-20	pass
1395.225	His Compliant	-47.6	-20	pass
1550.250	® A Hot Good	-48.5	-20	pass

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Page 59 of 170

Emission Frequency (MHz)	Ant. Polarity(H/H)	Measurement Result (dBm)	Limit (dBm)	Result(P/F)
155.025	V	Attestation 0		pass
310.050	V	-32.1	-20	pass
465.075	V	-30.2	-20	pass
620.100	V	-34.4	-20	pass
775.125	V ®	-38.5	-20	pass
930.150	V	-35.9	-20	pass
1085.175	V	-37.7	-20	pass
1240.200	V	-41.1	-20	pass
1395.225	V	-42.4	-20	pass
1550.250	T V	-45.3	-20	pass

Measurement Result for 12.5 KHz Channel Separation @ 161.610MHz-5W

Emission Frequency (MHz)	Ant. Polarity(H/V)	Measurement Result (dBm)	Limit (dBm)	Result(P/F)
161.610	® ## Ballo H	Allestano O		pass
323.220	U H	-32.3	-20	pass
484.83	Н	-34.2	-20	pass
646.440	H	-35.2	-20	pass
808.050	H S	-35.9	-20	pass
969.660	H Allestation	-38.1	-20	pass
1131.270	H	-40.3	-20	pass
1292.880	Н	-41.5	-20	pass
1454.490	Н	-44.1	-20	pass
1616.100	极出。	-48.6	-20	pass

Emission Frequency (MHz)	Ant. Polarity(H/H)	Measurement Result (dBm)	Limit (dBm)	Result(P/F)
161.610	· V	O F Copyage	® The min of Globe	pass
323.220	® Van of Global	-35.2	-20	pass
484.83	V	-36.3	-20	pass
646.440	V	-38.5	-20	pass
808.050	V	-39.1	-20	pass
969.660	V	-40.9	-20	pass
1131.270	E Thomas Company	-42.5	-20	pass
1292.880	ion of V	-44.9	-20	pass
1454.490	V	-46.2	-20	pass
1616.100	V	-48.8	-20	pass

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Page 60 of 170

Measurement Result for 12.5 KHz Channel Separation @ 173.975MHz-5W

Emission Frequency (MHz)	Ant. Polarity(H/V)	Measurement Result (dBm)	Limit (dBm)	Result(P/F)
173.975	H	0		pass
347.950	Н	-34.4	-20	pass
521.925	H a	-36.3	-20	pass
695.900	oe H (C) Milestation	-35.5	-20	pass
869.875	CH	-37.6	-20	pass
1043.850	Н	-36.6	-20	pass
1217.825	Н	-40.3	-20	pass
1391.800	:#iH	-42.5	-20 o 🛒	pass
1565.775	The Complete H	-43.4	-20	pass
1739.750	n of Globs H ®	-43.3	-20	pass

Emission Frequency (MHz)	Ant. Polarity(H/V)	Measurement Result (dBm)	Limit (dBm)	Result(P/F)
173.975	© # V	antestation 0		pass
347.950	Auto V	-35.2	-20	pass
521.925	V	-36.3	-20	pass
695.900	V	-38.5	-20	pass
869.875	1 V 4	-39.4	-20	pass
1043.850	V [®] Mestation c	-42.2	-20	pass
1217.825	V	-44.3	-20	pass
1391.800	V	-45.2	-20	pass
1565.775	V	-48.1	-20	pass
1739.750	Voce	-50.2	-20	pass

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Page 61 of 170

Measurement Result for 12.5 KHz Channel Separation @ 136.025MHz-1W

Emission Frequency (MHz)	Ant. Polarity(H/V)	Measurement Result (dBm)	Limit (dBm)	Result(P/F)
136.025	H	0		pass
272.050	Н	-33.6	-20	pass
408.08	H 🦸	-35.9	-20	pass
544.100	hoe H Market Solion	-37.5	-20	pass
680.125	CAH	-39.3	-20	pass
816.150	Н	-40.1	-20	pass
952.175	Н	-42.9	-20	pass
1088.200)H	-45.5	-20	pass
1224.225	The Complete H	-49.6	-20	pass
1360.250	n of Cloud	-50.0	-20	pass

			***************************************	Market 1
Emission Frequency (MHz)	Ant. Polarity(H/H)	Measurement Result (dBm)	Limit (dBm)	Result(P/F)
136.025	(S) ### 12110 V	The station 0		pass
272.050	V	-36.2	-20	pass
408.08	V	-37.1	-20	pass
544.100	V	-39.8	-20	pass
680.125	V #	-40.3	-20	pass
816.150	Corline V Attestation	-42.1	-20	pass
952.175	V	-43.3	-20	pass
1088.200	V	-50.2	-20	pass
1224.225	V	-50.6	-20	pass
1360.250	Z V	-50.8	-20	pass

Measurement Result for 12.5 KHz Channel Separation @ 151.850MHz-1W

Emission Frequency (MHz)	Ant. Polarity(H/V)	Measurement Result (dBm)	Limit (dBm)	Result(P/F)
151.850	® # Honor	0	7,0	pass
303.700	H	-36.4	-20	pass
455.550	Н	-38.3	-20	pass
607.400	-14	-40.9	-20	pass
759.250	大型 H	-42.4	-20	pass
911.100	For Global H ®	-43.0	-20	pass
1062.950	HG	-46.4	-20	pass
1214.800	Н	-49.6	-20	pass
1366.650	H	-50.3	-20	pass
1518.500	H.K. Compliano	-52.7	-20	pass

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Page 62 of 170

Emission Frequency (MHz)	Ant. Polarity(H/H)	Measurement Result (dBm)	Limit (dBm)	Result(P/F)
151.85	V	(8) State station of O	9	pass
303.7	V	-33.9	-20	pass
455.55	V	-35.6	-20	pass
607.4	V	-36.7	-20	pass
759.25	V ®	-40.2	-20	pass
911.1	V C PARTY	-43.3	-20	pass
1062.95	V	-45.5	-20	pass
1214.8	V	-48.0	-20	pass
1366.65	V	-49.5	-20	pass
1518.5	K CV	-50.3	-20	pass

Measurement Result for 12.5 KHz Channel Separation @ 155.025MHz-1W

			2/11/1	. Pa - V
Emission Frequency (MHz)	Ant. Polarity(H/V)	Measurement Result (dBm)	Limit (dBm)	Result(P/F)
155.025	Allestam H	0		pass
310.050	H	-38.5	-20	pass
465.075	Н	-42.1	-20	pass
620.100	TILL H	-39.4	-20	pass
775.125	Ho Anniance Ho	-45.1	-20	pass
930.150	H	-44.9	-20	pass
1085.175	H	-49.5	-20	pass
1240.200	Н	-51.5	-20	pass
1395.225	H	-49.6	-20	pass
1550.250	K TO H	-48.5	-20	pass

Emission Frequency (MHz)	Ant. Polarity(H/H)	Measurement Result (dBm)	Limit (dBm)	Result(P/F)
155.025	Oliver V F The Colored Co.	O Marian of C.	Allestation	pass
310.050	Vestation	-39.5	-20	pass
465.075	V	-42.6	-20	pass
620.100	V	-45.3	-20	pass
775.125	V	-43.5	-20	pass
930.150	T V	-44.2	-20	pass
1085.175	station of V	-43.1	-20	pass
1240.200	V	-48.4	-20	pass
1395.225	V	-51.3	-20	pass
1550.250	V	-52.2	-20	pass

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Page 63 of 170

Measurement Result for 12.5 KHz Channel Separation @ 161.610MHz-1W

Emission Frequency (MHz)	Ant. Polarity(H/V)	Measurement Result (dBm)	Limit (dBm)	Result(P/F)
161.610	O H ZC	0		pass
323.220	H	-38.6	-20	pass
484.830	Н	-39.3	-20	pass
646.440	H &	-43.1	-20	pass
808.050	Cos H Allestation	-45.3	-20	pass
969.660	C H	-45.0	-20	pass
1131.270	Н	-47.7	-20	pass
1292.880	Н	-49.3	-20	pass
1454.490	Jz 7/H	-50.2	-20 🥯 🐔	pass
1616.100	The Complete H	-50.3	-20	pass

Emission Frequency (MHz)	Ant. Polarity(H/V)	Measurement Result (dBm)	Limit (dBm)	Result(P/F)
173.975	VA Jobal Company	0	Allesto	pass
347.950	© American V	-35.5	-20	pass
521.925	V	-36.3	-20	pass
695.900	V	-39.4	-20	pass
869.875	V	-40.7	-20	pass
1043.850	V F	-43.9	-20	pass
1217.825	V Altestation	-46.4	-20	pass
1391.800	V	-47.4	-20	pass
1565.775	V	-48.0	-20	pass
1739.750	V	-49.9	-20	pass

Measurement Result for 12.5 KHz Channel Separation @ 173.975MHz-1W

Emission Frequency (MHz)	Ant. Polarity(H/V)	Measurement Result (dBm)	Limit (dBm)	Result(P/F)
173.975	H Thursday	© O Jalion of Glob	(R) Milestation of	pass
347.950	® # Hrote	-40.5	-20	pass
521.925	H	-43.3	-20	pass
695.900	Н	-45.1	-20	pass
869.875	:10	-43.2	-20	pass
1043.850	The Manual Hard	-44.7	-20	pass
1217.825	H ®	-46.3	-20	pass
1391.800	HC	-47.1	-20	pass
1565.775	Н	-48.6	-20	pass
1739.750	H	-49.4	-20	pass

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Page 64 of 170

Emission Frequency (MHz)	Ant. Polarity(H/V)	Measurement Result (dBm)	Limit (dBm)	Result(P/F)
173.975	© \$\$ V°	Martin of Co. O		pass
347.950	V	-34.3	-20	pass
521.925	V	-36.5	-20	pass
695.900	V	-39.4	-20	pass
869.875	V 3	-43.1	·20	pass
1043.850	V Atlestation	-45.8	-20	pass
1217.825	V	-46.6	-20	pass
1391.800	V	-47.4	-20	pass
1565.775	V	-49.1	-20	pass
1739.750	V	-50.3	-20	pass

Digital:

Measurement Result for 12.5 KHz Channel Separation @ 136.025MHz-5W

Emission Frequency (MHz)	Ant. Polarity(H/V)	Measurement Result (dBm)	Limit (dBm)	Result(P/F)
136.025	Artestano H	Alless O		pass
272.050	H	-35.4	-20	pass
408.08	Н	-36.3	-20	pass
544.100	H s	-38.4	-20	pass
680.125	Ho & Food	-39.7	-20	pass
816.150	H Allesto	-41.3	-20	pass
952.175	Н	-42.2	-20	pass
1088.200	Н	-43.3	-20	pass
1224.225	H)	-48.7	-20	pass
1360.250	TY TO HOW	-48.9	-20	pass

Emission Frequency	Ant. Polarity(H/V)	Measurement Result	Limit (dBm)	Result(P/F)
(MHz)	· · · · · · · · · · · · · · · · · · ·	(dBm)		- 1 1
136.025	V 3N al Court	® O	and the station's	pass
272.050	® # Vindica	-36.4	-20	pass
408.08	V	-32.9	-20	pass
544.100	V	-35.5	-20	pass
680.125	V	-38.9	-20	pass
816.150	V	-37.5	-20	pass
952.175	Colobal V ®	-37.6	-20	pass
1088.200	V Artes	-41.3	-20	pass
1224.225	V	-45.7	-20	pass
1360.250	V	-43.1	-20	pass

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Page 65 of 170

Measurement Result for 12.5 KHz Channel Separation @ 151.850MHz-5W

Emission Frequency (MHz)	Ant. Polarity(H/V)	Measurement Result (dBm)	Limit (dBm)	Result(P/F)
151.850	C H C	0		pass
303.700	H	-35.2	-20	pass
455.55	Н	-36.1	-20	pass
607.400	H #	-38.4	-20	pass
759.250	H Attestation	-37.3	-20	pass
911.100	C H	-39.5	-20	pass
1062.950	Н	-40.2	-20	pass
1214.800	Н	-47.4	-20	pass
1366.650	H	-51.1	-20 🧠 🌉	pass
1518.500	The Compliant H	-52.2	-20	pass

Emission Frequency (MHz)	Ant. Polarity(H/V)	Measurement Result (dBm)	Limit (dBm)	Result(P/F)
151.850	V.A. al Compile	0	Attestan	pass
303.700	© # V	-36.2	-20	pass
455.55	V	-38.3	-20	pass
607.400	V	-39.3	-20	pass
759.250	V	-43.1	-20	pass
911.100	** V # 3	-42.9	-20	pass
1062.950	V ^(g) Attestation C.	-43.2	-20	pass
1214.800	V	-50.0	-20	pass
1366.650	V	-50.7	-20	pass
1518.500	V	-51.9	-20	pass

Measurement Result for 12.5 KHz Channel Separation @ 155.025MHz-5W

	Emission Frequency (MHz)	Ant. Polarity(H/V)	Measurement Result (dBm)	Limit (dBm)	Result(P/F)
ľ	155.025	H Wall Comple	© O	® ## station or	pass
9	310.050	® # Hrote	-36.8	-20	pass
	465.075	H H	-37.0	-20	pass
	620.100	Н	-38.9	-20	pass
	775.125		-39.4	-20	pass
	930.150	版 H	-42.3	-20	pass
4	1085.175	H ®	-45.1	-20	pass
Ó	1240.200	HC AND	-48.5	-20	pass
	1395.225	Н	-49.3	-20	pass
	1550.250	H 300	-49.6	-20	pass

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Page 66 of 170

Emission Frequency (MHz)	Ant. Polarity(H/H)	Measurement Result (dBm)	Limit (dBm)	Result(P/F)
155.025	® Same V	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		pass
310.050	V C	-35.5	-20	pass
465.08	V	-35.3	-20	pass
620.100	V	-37.7	-20	pass
775.125	V 3	-38.9	· -20	pass
930.150	V Altestation	-39.6	-20	pass
1085.175	V	-40.2	-20	pass
1240.200	V	-42.3	-20	pass
1395.225	V	-41.1	-20	pass
1550.250	V	-43.3	-20	pass

Measurement Result for 12.5 KHz Channel Separation @ 161.61MHz-5W

Emission Frequency (MHz)	Ant. Polarity(H/V)	Measurement Result (dBm)	Limit (dBm)	Result(P/F)
161.610	® Æ MH	0		pass
323.220	H H	-36.5	-20	pass
484.83	Н	-37.4	-20	pass
646.440	Н	-38.4	-20	pass
808.050	H H	-39.6	-20	pass
969.660	Colphia H ^S The station of	-42.3	-20	pass
1131.270	C H	-43.1	-20	pass
1292.880	Н	-50.3	-20	pass
1454.490	Н	-50.8	-20	pass
1616.100	₩ H°	-52.7	-20	pass

Emission Frequency (MHz)	Ant. Polarity(H/V)	Measurement Result (dBm)	Limit (dBm)	Result(P/F)
161.610	V to	O A Global Co	(R) A Global	pass
323.220	V. Global Co.	-35.1	-20	pass
484.83	V	-35.3	-20	pass
646.440	V	-37.8	-20	pass
808.050	V	-38.5	-20	pass
969.660	V	-44.7	-20	pass
1131.270	The Astronomy	-45.3	-20	pass
1292.880	V Miles	-48.6	-20	pass
1454.490	V	-50.3	-20	pass
1616.100	V	-50.4	-20	pass

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Page 67 of 170

Measurement Result for 12.5 KHz Channel Separation @ 173.975MHz-5W

Emission Frequency (MHz)	Ant. Polarity(H/V)	Measurement Result (dBm)	Limit (dBm)	Result(P/F)
173.975	H	0		pass
347.950	Н	-34.4	-20	pass
521.925	H a	-34.6	-20	pass
695.900	CO H (S) MILESTRICON	-38.2	-20	pass
869.875	H	-40.6	-20	pass
1043.850	Н	-41.3	-20	pass
1217.825	Н	-41.5	-20	pass
1391.800	:#iH	-45.6	-20	pass
1565.775	The Part of the Pa	-50.5	-20	pass
1739.750	nof Globs H ®	-52.0	-20	pass

Emission Frequency (MHz)	Ant. Polarity(H/V)	Measurement Result (dBm)	Limit (dBm)	Result(P/F)
173.975	® ∰V	Sille Louisi O		pass
347.950	V August V	-32.9	58.45	pass
521.925	V	-33.1	58.45	pass
695.900	V	-37.6	58.45	pass
869.875	# V #	-39.9	58.45	pass
1043.850	ublies. A Section of	-42.5	58.45	pass
1217.825	V	-45.6	58.45	pass
1391.800	V	-49.4	58.45	pass
1565.775	V	-50.9	58.45	pass
1739.750	V	-50.9	58.45	pass

Measurement Result for 12.5 KHz Channel Separation @ 136.025MHz-1W

Emission Frequency (MHz)	Ant. Polarity(H/H)	Measurement Result (dBm)	Limit (dBm)	Result(P/F)
136.025	® Ton of Globe	0		pass
272.050	V	-37.2	-20	pass
408.08	V	-38.3	-20	pass
544.100	V	-39.4	-20	pass
680.125	V	-43.1	-20	pass
816.150	E Clobal Con V (S)	-42.9	-20	pass
952.175	V Alfeste	-44.7	-20	pass
1088.200	V	-49.6	-20	pass
1224.225	V	-50.7	-20	pass
1360.250	V. Kampiance	-52.3	-20	pass

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Page 68 of 170

Measurement Result for 12.5 KHz Channel Separation @ 151.850MHz-1W

Emission Frequency (MHz)	Ant. Polarity(H/V)	Measurement Result (dBm)	Limit (dBm)	Result(P/F)
151.850	H	0		pass
303.700	Н	-38.4	-20	pass
455.55	Н	-40.6	-20	pass
607.400	H S A STORE	-46.5	-20	pass
759.250	H Attes	-47.5	-20	pass
911.100	H	-43.3	-20	pass
1062.950	Н	-42.6	-20	pass
1214.800	H	-45.5	-20	pass
1366.650	を Manager H	-47.4	-20	pass
1518.500	H @ #	-52.2	-20	pass

Emission Frequency (MHz)	Ant. Polarity(H/H)	Measurement Result (dBm)	Limit (dBm)	Result(P/F)
151.850	® Z	© A Lation of O	0, 0	pass
303.700	Allestan V	-37.2	-20	pass
455.55	V	-37.9	-20	pass
607.400	V	-39.1	-20	pass 🧸 🌠
759.250	- V	-41.3	-20	pass
911.100	pliance Ve Manager	-43.9	-20	pass
1062.950	V	-45.6	-20	pass
1214.800	V	-46.1	-20	pass
1366.650	V	-50.4	-20	pass
1518.500	V	-52.6	-20	pass

Measurement Result for 12.5 KHz Channel Separation @ 155.025MHz-1W

Emission Frequency (MHz)	Ant. Polarity(H/V)	Measurement Result (dBm)	Limit (dBm)	Result(P/F)
155.025	® Hand Globar	O illestation	- C Autes	pass
310.050	H	-38.6	-20	pass
465.075	Н	-39.1	-20	pass
620.100	Н	-40.2	-20	pass
775.125	4. H	-41.1	-20	pass
930.150	H A STANDARD H	-42.3	-20	pass
1085.175	Allon of Arteste	-44.2	-20	pass
1240.200	H	-49.6	-20	pass
1395.225	H	-50.7	-20	pass
1550.250	H A Manage	-50.9	-20	pass

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Page 69 of 170

Emission Frequency (MHz)	Ant. Polarity(H/H)	Measurement Result (dBm)	Limit (dBm)	Result(P/F)
155.025	V	© Filestation of O	9	pass
310.050	V	-34.2	-20	pass
465.075	V	-35.3	-20	pass
620.100	V	-38.1	-20	pass
775.125	W O M	-40.5	-20	pass
930.150	V Atte	-45.3	-20	pass
1085.175	V	-47.2	-20	pass
1240.200	V	-48.5	-20	pass
1395.225	V	-50.3	-20	pass
1550.250	V V	-51.9	-20	pass

Measurement Result for 12.5 KHz Channel Separation @ 161.610MHz-1W

Emission Frequency (MHz)	Ant. Polarity(H/V)	Measurement Result (dBm)	Limit (dBm)	Result(P/F)
161.610	8 4 H NOVO	© # station of O		pass
323.220	Allesto H	-36.2	-20	pass
484.83	Н	-37.2	-20	pass
646.440	Н	-38.4	-20	pass
808.050	7 H	-43.3	-20	pass
969.660	pliance H® ## antarion of	-46.3	-20	pass
1131.270	H	-47.6	-20	pass
1292.880	H	-48.1	-20	pass
1454.490	Н	-50.3	-20	pass
1616.100	A A	-52.3	-20	pass

Emission Frequency (MHz)	Ant. Polarity(H/H)	Measurement Result (dBm)	Limit (dBm)	Result(P/F)
161.610	V	0 1	phin Global Co.	pass
323.220	V 3/1 cons	-35.3	-20	pass
484.83	V	-36.7	-20	pass
646.440	V	-39.4	-20	pass
808.050	V	-40.3	-20	pass
969.660	V	-42.4	-20	pass
1131.270	The Country V	-45.9	-20	pass
1292.880	on of Globe V ®	-50.1	-20	pass
1454.490	V	-50.3	-20	pass
1616.100	V	-51.1	-20	pass

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Page 70 of 170

Measurement Result for 12.5 KHz Channel Separation @ 173.975MHz-1W

Emission Frequency (MHz)	Ant. Polarity(H/V)	Measurement Result (dBm)	Limit (dBm)	Result(P/F)
173.975	H	0		pass
347.950	Н	-33.3	-20	pass
521.925	H a	-34.9	-20	pass
695.900	H Milestation	-37.1	-20	pass
869.875	CH	-38.6	-20	pass
1043.850	Н	-40.3	-20	pass
1217.825	Н	-42.4	-20	pass
1391.800	H	-50.6	-20	pass
1565.775	The Company H	-49.3	-20	pass
1739.750	n of Globe H ®	-51.1	-20	pass

Emission Frequency (MHz)	Ant. Polarity(H/V)	Measurement Result (dBm)	Limit (dBm)	Result(P/F)
173.975	© ** *** V	The state of the s		pass
347.950	V G	-36.4	-20	pass
521.925	V	-38.5	-20	pass
695.900	V	-41.9	-20	pass
869.875	V 4	-46.4	-20	pass
1043.850	V Allestation C	-48.7	-20	pass
1217.825	V	-49.3	-20	pass
1391.800	V	-48.4	-20	pass
1565.775	V	-52.2	-20	pass
1739.750	V°	-52.6	-20	pass

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Page 71 of 170

UHF: Analog:

TEST RESULTS--5W Measurement Result for 12.5 KHz Channel Separation @ 400.025MHz

Emission Frequency (MHz)	Ant. Polarity(H/V)	Measurement Result (dBm)	Limit (dBm)	Result(P/F)
400.025	H F	Ciobal Con	@ Francicobal	pass
800.050	his hos	-31.5	-20	pass
1200.075	GH	-32.9	-20	pass
1600.100	Н	-36.3	-20	pass
2000.125	Н	-37.5	-20	pass
2400.150	11/H	-38.6	-20	pass
2800.175	The Complete H	-40.3	-20	pass
3200.200	H Allestall	-50.4	-20	pass
3600.225		-51.6	-20	pass
4000.250	Н	-52.6	-20	pass

Emission Frequency (MHz)	Ant. Polarity(H/V)	Measurement Result (dBm)	Limit (dBm)	Result(P/F)
400.025	V	O	· · · · · · · · · · · · · · · · · · ·	pass
800.050	V	-35.4	-20	pass
1200.075	W S	-37.3	-20	pass
1600.100	V Allestation	-36.1	-20	pass
2000.125	V	-40.2	-20	pass
2400.150	V	-41.3	-20	pass
2800.175	V	-40.6	-20	pass
3200.200	T TO Voo	-40.0	-20	pass
3600.225	F of Global Co	-50.5	-20	pass
4000.250	V V	-50.9	-20	pass

Measurement Result for 12.5 KHz Channel Separation @ 454.025MHz

Emission Frequency (MHz)	Ant. Polarity(H/V)	Measurement Result (dBm)	Limit (dBm)	Result(P/F)
454.025	V	0		pass
908.050	V	-36.4	-20	pass
1362.075	V	-38.3	-20 %	pass
1816.100	The Complete	-39.1	-20	pass
2270.125	lon of Garage	-45.2	-20	pass
2724.150	V	-46.1	-20	pass
3178.175	V	-50.2	-20	pass
3632.200	V	-48.8	-20	pass
4086.225	V Made Comb	-51.5	-20	pass
4540.250	V	-50.7	-20	pass

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Page 72 of 170

Emission Frequency (MHz)	Ant. Polarity(H/V)	Measurement Result (dBm)	Limit (dBm)	Result(P/F)
454.025	H	O Marian of Go O		pass
908.050	Н	-33.2	-20	pass
1362.075	Н	-34.1	-20	pass
1816.100	Н	-36.5	-20	pass
2270.125	H #	-39.4	-20	pass
2724.150	H Allestation	-40.8	-20	pass
3178.175	- CH	-42.6	-20	pass
3632.200	Н	-43.7	-20	pass
4086.225	Н	-51.9	-20	pass
4540.250	H	-51.7	-20	pass

Measurement Result for 12.5 KHz Channel Separation @ 469.975MHz

Emission Frequency (MHz)	Ant. Polarity(H/V)	Measurement Result (dBm)	Limit (dBm)	Result(P/F)
479.975	Hardwall Co	© A State of O	0 .0	pass
959.950	Allo Station H	-36.2	-20	pass
1439.925	Н	-37.4	-20	pass
1919.900	Н	-39.2	-20	pass
2399.875	-:iii H	-41.2	-20	pass
2879.850	Apliance H ₈ 4 none	-42.6	-20	pass
3359.825	H Allesto	-43.4	-20	pass
3839.800	H	-50.2	-20	pass
4319.775	Н	-50.8	-20	pass
4799.750	H	-51.9	-20	pass

Emission Frequency (MHz)	Ant. Polarity(H/V)	Measurement Result (dBm)	Limit (dBm)	Result(P/F)
479.975	V	0	pliance II IV Cloud	pass
959.950	V Mari Compile	-35.9	-20	pass
1439.925	S Same Variable	-36.7	-20	pass
1919.900	V	-39.1	-20	pass
2399.875	V	-40.3	-20	pass
2879.850	V	-41.3	-20	pass
3359.825	N	-43.4	-20	pass
3839.800	For Global C	-50.0	-20	pass
4319.775	V Artes	-50.3	-20	pass
4799.750	V	-52.8	-20	pass

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Page 73 of 170

TEST RESULTS—1W Measurement Result for 12.5 KHz Channel Separation @ 400.025MHz

Emission Frequency (MHz)	Ant. Polarity(H/V)	Measurement Result (dBm)	Limit (dBm)	Result(P/F)
400.025	Н	1 0	测	pass
800.050	H 🚜	-35.6	-20	pass
1200.075	ice H ® ### galation	-36.8	-20	pass
1600.100	H.	-39.5	-20	pass
2000.125	Н	-43.2	-20	pass
2400.150	Н	-42.9	-20	pass
2800.175	H	-45.5	-20	pass
3200.200	The Manual H	-49.4	-20	pass
3600.225	nor Global H ® # Jahi	-50.3	-20	pass
4000.250	Н	-52.0	-20	pass

Emission Frequency (MHz)	Ant. Polarity(H/V)	Measurement Result (dBm)	Limit (dBm)	Result(P/F)
400.025	V	0	-1117:	pass
800.050	V	-36.6	-20	pass
1200.075	# V # 5	-37.2	-20	pass
1600.100	iplian V ³	-38.9	-20	pass
2000.125	V	-39.5	-20	pass
2400.150	٧	-42.3	-20	pass
2800.175	V	-44.5	-20	pass
3200.200	V	-48.3	-20	pass
3600.225	III John Corny	-50.3	-20	pass
4000.250	Station of V	-51.8	-20	pass

Measurement Result for 12.5 KHz Channel Separation @ 454.025MHz

Emission Frequency (MHz)	Ant. Polarity(H/V)	Measurement Result (dBm)	Limit (dBm)	Result(P/F)
454.025	H	0		pass
908.050	Н	-36.5	-20	pass
1362.075	∌ H	-37.9	-20	pass
1816.100	The Market H	-39.5	-20	pass
2270.125	on of Globba H ®	-42.7	-20	pass
2724.150	HO	-44.9	-20	pass
3178.175	H	-46.3	-20	pass
3632.200	H	-45.9	-20	pass
4086.225	HEX pad Compile	-50.7	-20	pass
4540.250	8 %H	-51.2	-20	pass

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Page 74 of 170

Emission Frequency (MHz)	Ant. Polarity(H/V)	Measurement Result (dBm)	Limit (dBm)	Result(P/F)
454.025	V	Tatalian of Co. O		pass
908.050	V	-36.6	-20	pass
1362.075	V	-38.8	-20	pass
1816.100	V	-42.3	-20	pass
2270.125	1 V = #	-44.4	-20	pass
2724.150	V Alles John	-47.2	-20	pass
3178.175	V	-48.1	-20	pass
3632.200	V	-50.3	-20	pass
4086.225	V	-50.6	-20	pass
4540.250	V	-51.9	-20	pass

Measurement Result for 12.5 KHz Channel Separation @ 469.975MHz

Emission Frequency (MHz)	Ant. Polarity(H/V)	Measurement Result (dBm)	Limit (dBm)	Result(P/F)
479.975	HA Compile	0	Allestati	pass
959.950	© \$H	-35.6	-20	pass
1439.925	H	-36.7	-20	pass
1919.900	Н	-38.8	-20	pass
2399.875	Н	-43.2	-20 3 3 3 3 3 3 3 3 3 3	pass
2879.850	# H # 3	-42.9	-20	pass
3359.825	H. Attestation of	-45.4	-20	pass
3839.800	Н	-50.3	-20	pass
4319.775	Н	-50.9	-20	pass
4799.750	Н	-51.8	-20	pass

Emission Frequency (MHz)	Ant. Polarity(H/V)	Measurement Result (dBm)	Limit (dBm)	Result(P/F)
479.975	V	0 %	Allance The Complete	pass
959.950	V D	-39.5	-20	pass
1439.925	V delabatos	-42.4	-20	pass
1919.900	V	-41.3	-20	pass
2399.875	V	-43.6	-20	pass
2879.850	V	-45.9	-20	pass
3359.825	V	-46.9	-20	pass
3839.800	The Complete	-49.1	-20	pass
4319.775	V Milester	-50.0	-20	pass
4799.750	V	-51.4	-20	pass

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Page 75 of 170

Digital:

TEST RESULTS-5W Measurement Result for 12.5 KHz Channel Separation @ 400.025MHz

Emission Frequency (MHz)	Ant. Polarity(H/V)	Measurement Result (dBm)	Limit (dBm)	Result(P/F)
400.025	Н	K Mandance O to	lance IV Complete	pass
800.050	H 4	-35.1	· -20	pass
1200.075	H Allostano	-36.2	-20	pass
1600.100	H	-37.1	-20	pass
2000.125	Н	-39.3	-20	pass
2400.150	Н	-38.4	-20	pass
2800.175	H	-40.3	-20	pass
3200.200	The Company H	-41.9	-20	pass
3600.225	H Allestall	-42.5	-20	pass
4000.250	H	-43.3	-20	pass 🌎 🧷

	- 40	7007		1000
Emission Frequency (MHz)	Ant. Polarity(H/V)	Measurement Result (dBm)	Limit (dBm)	Result(P/F)
400.025	V	0		pass
800.050	V	-34.1	-20	pass
1200.075	V	-35.4	-20	pass
1600.100	V Z	-35.3	-20	pass
2000.125	V Allestatus	-40.2	-20	pass
2400.150	V	-41.3	-20	pass
2800.175	V	-42.9	-20	pass
3200.200	V	-43.2	-20	pass
3600.225	T V V	-41.6	-20	pass
4000.250	Jon Global V	-42.8	-20	pass

Measurement Result for 12.5 KHz Channel Separation @ 454.025MHz

Emission Frequency (MHz)	Ant. Polarity(H/V)	Measurement Result (dBm)	Limit (dBm)	Result(P/F)
454.025	AND H	0		pass
908.050	Н	-35.2	-20	pass
1362.075	Н	-36.1	-20	pass
1816.100	H A	-36.6	-20 ®	pass
2270.125	Thomas Company	-39.4	-20	pass
2724.150	strion of H	-41.8	-20	pass
3178.175	Н	-40.1	-20	pass
3632.200	H	-40.7	-20	pass
4086.225	H_ Regions	-46.4	-20	pass
4540.250	H. Clobal Com	-45.8	-20	pass

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Page 76 of 170

Emission Frequency (MHz)	Ant. Polarity(H/V)	Measurement Result (dBm)	Limit (dBm)	Result(P/F)
454.025	V	O state and of the O		pass
908.050	V	-33.3	-20	pass
1362.075	V	-36.4	-20	pass
1816.100	V	-35.1	-20	pass
2270.125	1 V 4	-39.5	-20	pass
2724.150	V Allestation	-37.5	-20	pass
3178.175	V	-40.3	-20	pass
3632.200	V	-43.6	-20	pass
4086.225	V	-40.8	-20	pass
4540.250	V	-47.5	-20	pass

Measurement Result for 12.5 KHz Channel Separation @ 469.975MHz

Emission Frequency (MHz)	Ant. Polarity(H/V)	Measurement Result (dBm)	Limit (dBm)	Result(P/F)
479.975	# Handal	® 🧸 1000 0		pass
959.950	Alle Status H	-33.2	-20	pass
1439.925	H	-36.1	-20	pass
1919.900	Н	-38.0	-20	pass
2399.875	:iiii H :	-42.1	-20	pass
2879.850	phiance Ho Man Sinn of	-43.6	-20	pass
3359.825	H	-43.9	-20	pass
3839.800	Н	-49.9	-20	pass
4319.775	Н	-52.1	-20	pass
4799.750	_ #	-51.9	-20	pass

Emission Frequency (MHz)	Ant. Polarity(H/V)	Measurement Result (dBm)	Limit (dBm)	Result(P/F)
479.975	V A	0 1	phiance That comp.	pass
959.950	V M Complie	-35.1	-20	pass
1439.925	(S) A See One Com	-38.4	-20	pass
1919.900	V	-39.5	-20	pass
2399.875	V	-40.1	-20	pass
2879.850	V	-46.3	-20	pass
3359.825	TO V	-47.3	-20	pass
3839.800	For Cook of V S	-53.4	-20	pass
4319.775	V August	-54.5	-20	pass
4799.750	V	-55.2	-20	pass

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Page 77 of 170

TEST RESULTS-1W Measurement Result for 12.5 KHz Channel Separation @ 400.025MHz

	- 1011 m	The state of the s	All the City	22:30 1010
Emission Frequency (MHz)	Ant. Polarity(H/V)	Measurement Result (dBm)	Limit (dBm)	Result(P/F)
400.025	Н	······································	in his	pass
800.050	Н	-35.2	-20	pass
1200.075	H _®	-36.4	-20	pass
1600.100	Allesta	-37.1	-20	pass
2000.125	H	-38.4	-20	pass
2400.150	Н	-39.6	-20	pass
2800.175	Н	-40.2	-20	pass
3200.200	H	-50.2	-20	pass
3600.225	H #	-51.3	-20	pass
4000.250	H Allestan	-52.6	-20	pass

Emission Frequency (MHz)	Ant. Polarity(H/V)	Measurement Result (dBm)	Limit (dBm)	Result(P/F)
400.025	A Secretary V	Miles 0		pass
800.050	V	-35.2	-20	pass
1200.075	V	-36.8	-20	pass
1600.100	V s	-39.4	-20	pass
2000.125	To Volume	-40.3	-20	pass
2400.150	V Attestati	-41.1	-20	pass
2800.175	V	-43.3	-20	pass
3200.200	V	-49.5	-20	pass
3600.225	V	-50.6	-20	pass
4000.250	V V	-51.2	-20	pass

Measurement Result for 12.5 KHz Channel Separation @ 454.025MHz

Emission Frequency (MHz)	Ant. Polarity(H/V)	Measurement Result (dBm)	Limit (dBm)	Result(P/F)
454.025	® # Had Globe	0	Alles	pass
908.050	H	-39.3	-20	pass
1362.075	Н	-40.2	-20	pass
1816.100	Н	-41.3	-20	pass
2270.125	多节	-43.2	-20	pass
2724.150	H R	-44.7	-20	pass
3178.175	H Allesto	-46.9	-20	pass
3632.200	H	-49.6	-20	pass
4086.225	Н	-50.2	-20	pass
4540.250	H. Robinson	-51.1	-20	pass

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Page 78 of 170

Emission Frequency (MHz)	Ant. Polarity(H/V)	Measurement Result (dBm)	Limit (dBm)	Result(P/F)
454.025	V	(1) American of Con O		pass
908.050	V	-38.2	-20	pass
1362.075	V	-39.4	-20	pass
1816.100	V	-41.4	-20	pass
2270.125	1 V 4	-41.8	-20	pass
2724.150	V Alles tello	-42.6	-20	pass
3178.175	V	-45.3	-20	pass
3632.200	V	-48.7	-20	pass
4086.225	V	-49.3	-20	pass
4540.250	V	-52.0	-20	pass

Measurement Result for 12.5 KHz Channel Separation @ 469.975MHz

Emission Frequency (MHz)	Ant. Polarity(H/V)	Measurement Result (dBm)	Limit (dBm)	Result(P/F)
479.975	HA bal complie	0	Alleston	pass
959.950	® # H	-39.4	-20	pass
1439.925	H H	-40.2	-20	pass
1919.900	Н	-42.4	-20	pass
2399.875	Н	-45.8	-20 	pass
2879.850	H #	-47.6	-20	pass
3359.825	H Milestation C.	-48.4	-20	pass
3839.800	Н	-50.2	-20	pass
4319.775	Н	-50.9	-20	pass
4799.750	Н	-52.4	-20	pass

Emission Frequency (MHz)	Ant. Polarity(H/V)	Measurement Result (dBm)	Limit (dBm)	Result(P/F)
479.975	V	0	The same	pass
959.950	V TE	-39.9	 -20 	pass
1439.925	O Clobal C	-40.1	-20	pass
1919.900	V	-41.3	-20	pass
2399.875	V	-43.3	-20	pass
2879.850	V	-44.2	-20	pass
3359.825	V	-45.4	-20 ® %	pass
3839.800	The company	-48.6	-20	pass
4319.775	lien of Car	-49.6	-20	pass
4799.750	V	-51.1	-20	pass

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Page 79 of 170

8.5 EMISSION MASK PLOT

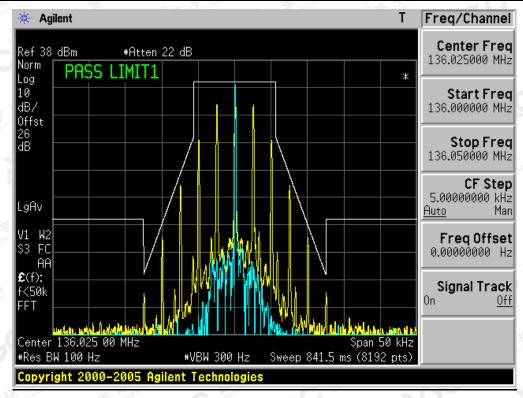
The detailed procedure employed for Emission Mask measurements are specified as following:

- The transmitter shall be modulated by a 2.5 kHz audio signal,
- The level of the audio signal employed is 16 dB greater than that necessary to produce 50% of rated system deviation. Rated system deviation is 2.5 kHz.

VHF:

Analog:

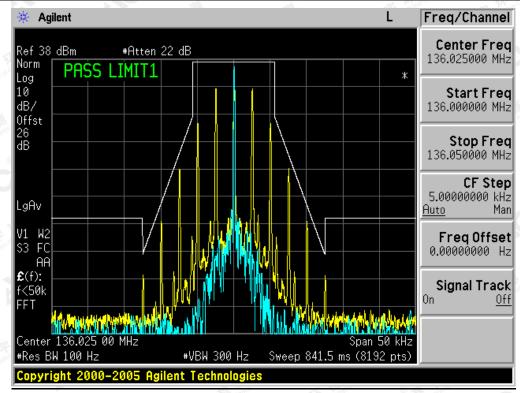
The Worst Emission Mask D for (136.025MHz) of 12.5 KHz channel Separation (1W)



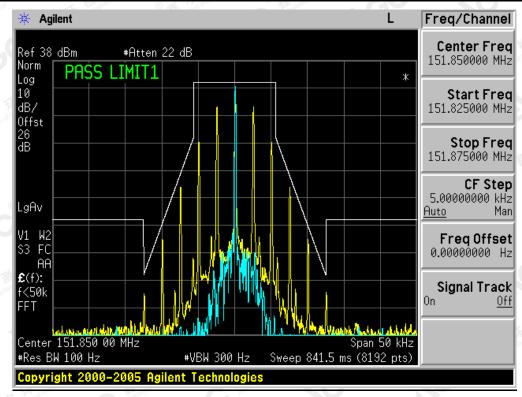
The results spowed this jest report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by 40°C, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at attp://www.agc.go.tt.com.

Page 80 of 170

The Worst Emission Mask D for (136.025MHz) of 12.5 KHz channel Separation (5W)



The Worst Emission Mask D for (151.85MHz) of 12.5 KHz channel Separation (1W)



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