

Shenzhen Toby Technology Co., Ltd.

Report No.: TB-FCC146380

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FCC ID: 2AGZE-NXST22

Original Grant

Report No. : TB-FCC146380

Applicant : Nexersys Corporation

Equipment Under Test (EUT)

EUT Name : Nexersys Console

Model No. : NXST22

Series Model No. : Please see the page of 4

Brand Name : Nexersys

Receipt Date : 2015-12-15

Test Date : 2015-12-16 to 2015-12-30

Issue Date : 2015-12-31

Standards : FCC Part 15, Subpart C (15.247:2015)

Test Method : ANSI C63.10:2013

Conclusions : PASS

In the configuration tested, the EUT complied with the standards specified above,

The EUT technically complies with the FCC and IC requirements

Test/Witness Engineer :

Approved& Authorized :

This report details the results of the testing carried out on one sample. The results contained in this test report do not relate to other samples of the same product. The manufacturer should ensure that all products in series production are in conformity with the product sample detailed in the report.

TB-RF-074-1.0



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1. General Information about EUT

1.1 Client Information

Applicant: Nexersys Corporation

Address: 1021 East 7th Street, Suite 100, Austin, TX 78702, United States

Manufacturer : Nexersys Corporation

Address : 1021 East 7th Street, Suite 100, Austin, TX 78702, United States

1.2 General Description of EUT (Equipment Under Test)

EUT Name	:	Nexersys Console		
Models No.	4	NXST22, NXST19,	WF1851T, WF2151T, NXST-XX(The XX is client	
		number from 01 to 5	50)	
Model	:	They are identical in	n circuitry design, PCB layout, electrical	
Difference		components used, i	nternal wiring and functions, only different on color.	
		Operation Frequence		
		•	20): 2412MHz~2462MHz	
	1	802.11n(H40): 2422MHz~2452MHz		
		BLE: 2402MHz~248		
		Number of	802.11b/g/n(HT20):11 channels see note(3)	
		Channel:	802.11n(HT40): 9 channels see note(3)	
		RF Output Power:	802.11b: 18.60dBm	
Product Description		A THUE	802.11g: 16.68dBm	
			802.11n (HT20): 15.84dBm	
			802.11n (HT40): 12.84dBm	
		Antenna Gain:	3.12 dBi Embedded Antenna	
	A	Modulation Type:	802.11b:DSSS(CCK, DQPSK, DBPSK)	
		The Marie	802.11g/n:OFDM(BPSK,QPSK,16QAM,64QAM)	
	6	Bit Rate of	802.11b:11/5.5/2/1 Mbps	
		Transmitter:	802.11g:54/48/36/24/18/12/9/6 Mbps	
			802.11n:up to 150Mbps	
Power Supply		DC power supplied	by AC/DC Adapter.	
Power Rating	:	AC/DC Adapter:		
		Input:100~240V, 50	/60Hz , 2A	
MILL	d	Output:12V, 3.0A		
Connecting		Please refer to the l	Jser's Manual	
I/O Port(S)				

Note

(1) This Test Report is FCC Part 15.247 for 802.11b/g/n, the test procedure follows the FCC



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KDB 558074 D01 DTS Meas Guidance v03r03.

(2) For a more detailed features description, please refer to the manufacturer's specifications or the User's Manual. The EUT has also been tested and complied the FCC 15C for BLE function, and recorded in the separate test report.

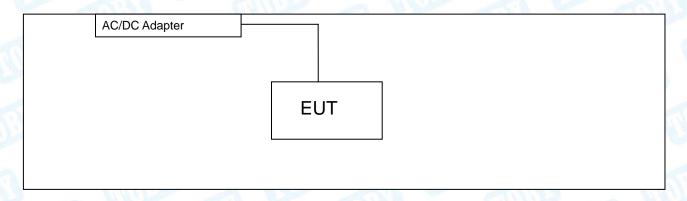
- (3) Antenna information provided by the applicant.
- (4) Channel List:

Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
01	2412	05	2432	09	2452
02	2417	06	2437	10	2457
03	2422	07	2442	11	2462
04	2427	08	2447		

Note:CH 01~CH 11 for 802.11b/g/n(HT20) CH 03~CH 09 for 802.11n(HT40)

1.3 Block Diagram Showing the Configuration of System Tested

TX Mode



1.4 Description of Support Units

The EUT has been tested as an independent unit.



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1.5 Description of Test Mode

To investigate the maximum EMI emission characteristics generates from EUT, the test system was pre-scanning tested base on the consideration of following EUT operation mode or test configuration mode which possible have effect on EMI emission level. Each of these EUT operation mode(s) or test configuration mode(s) mentioned follow was evaluated respectively.

For (Conducted Test
Final Test Mode	Description
Mode 1	AC Charging with TX B Mode

For Radiated Test				
Final Test Mode	Description			
Mode 3	TX Mode B Mode Channel 01/06/11			
Mode 4	TX Mode G Mode Channel 01/06/11			
Mode 5	TX Mode N(HT20) Mode Channel 01/06/11			

Note:

(1) For all test, we have verified the construction and function in typical operation. And all the test modes were carried out with the EUT in transmitting operation in maximum power with all kinds of data rate.

According to ANSI C63.10 standards, the measurements are performed at the highest, Midle, lowest available channels, and the worst case data rate as follows:

802.11b Mode: CCK (1 Mbps) 802.11g Mode: OFDM (6 Mbps)

802.11n (HT20) Mode: MCS 0 (6.5 Mbps) 802.11n (HT40) Mode: MCS 0 (13 Mbps)

- (2) During the testing procedure, the continuously transmitting with the maximum power mode was programmed by the customer.
- (3) The EUT is considered a mobile unit; in normal use it was positioned on X-plane. The worst case was found positioned on X-plane. Therefore only the test data of this X-plane was used for radiated emission measurement test.



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1.6 Description of Test Software Setting

During testing channel& Power controlling software provided by the customer was used to control the operating channel as well as the output power level. The RF output power selection is for the setting of RF output power expected by the customer and is going to be fixed on the firmware of the final end product power parameters of WLAN.

Test Software Version		Realtek MP Test	
Channel	CH 01	CH 06	CH 11
IEEE 802.11b DSSS	45	45	45
IEEE 802.11g OFDM	45	45	44
IEEE 802.11n (HT20)	43	43	42
Channel	CH 03	CH 06	CH 09
IEEE 802.11n (HT40)	43	45	44

1.7 Measurement Uncertainty

The reported uncertainty of measurement $y \pm U$, where expended uncertainty U is based on a standard uncertainty multiplied by a coverage factor of k=2, providing a level of confidence of approximately 95 %.

Test Item	Parameters	Expanded Uncertainty (U _{Lab})
THE CHIEF	Level Accuracy:	COLUMN CO
Conducted Emission	9kHz~150kHz	±3.42 dB
The state of the s	150kHz to 30MHz	±3.42 dB
Radiated Emission	Level Accuracy:	±4.60 dB
Radiated Effission	9kHz to 30 MHz	±4.60 db
Radiated Emission	Level Accuracy:	±4.40 dB
Radiated Effission	30MHz to 1000 MHz	±4:40 dB
Radiated Emission	Level Accuracy:	±4.20 dB
Radiated Emission	Above 1000MHz	±4.20 UD



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1.8 Test Facility

The testing report were performed by the Shenzhen Toby Technology Co., Ltd., in their facilities located at 1A/F., Bldg.6, Yusheng Industrial Zone, The National Road No.107 Xixiang Section 467, Xixiang, Bao'an, Shenzhen, Guangdong, China. At the time of testing, the following bodies accredited the Laboratory:

CNAS (L5813)

The Laboratory has been accredited by CNAS to ISO/IEC 17025: 2005 General Requirements for the Competence of Testing and Calibration Laboratories for the competence in the field of testing. And the Registration No.: CNAS L5813.

FCC List No.: (811562)

The Laboratory is listed in the United States of American Federal Communications Commission (FCC), and the registration number is 811562.

IC Registration No.: (11950A-1)

The Laboratory has been registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing. The site registration: Site# 11950A-1.



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2. Test Summary

Standa	rd Section	400	III	Remark
FCC	IC	Test Item	Judgment	
15.203	1	Antenna Requirement	PASS	N/A
15.207	RSS-GEN 7.2.4	Conducted Emission	PASS	N/A
15.205	RSS-GEN 7.2.2	Restricted Bands	PASS	N/A
15.247(a)(2)	RSS 247 5.2 (1)	6dB Bandwidth	PASS	N/A
15.247(b)	RSS 247 5.4 (4)	Peak Output Power	PASS	N/A
15.247(e)	RSS 247 5.2 (2)	Power Spectral Density	PASS	N/A
15.247(d)	RSS 247 5.5	Transmitter Radiated Spurious Emission	PASS	N/A

Note: "/" for no requirement for this test item.

N/A is an abbreviation for Not Applicable.



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3. Test Equipment

Conducte	d Emission Te	est			
Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Due Date
EMI Test Receiver	Rohde & Schwarz	ESCI	100321	Aug. 07, 2015	Aug. 06, 2016
RF Switching Unit	Compliance Direction Systems Inc	RSU-A4	34403	Aug. 07, 2015	Aug. 06, 2016
AMN	SCHWARZBECK	NNBL 8226-2	8226-2/164	Aug. 07, 2015	Aug. 06, 2016
LISN	Rohde & Schwarz	ENV216	101131	Aug. 07, 2015	Aug. 06, 2016
Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Date
	Emission Tes				Cal. Due
Spectrum	Agilent	E4407B	MY45106456	Aug. 29, 2015	Aug. 28, 2016
Analyzer	Agiletit	L4407B	W143100430	Aug. 29, 2013	Aug. 20, 2010
EMI Test Receiver	Rohde & Schwarz	ESCI	100010/007	Aug. 07, 2015	Aug. 06, 2016
Bilog Antenna	ETS-LINDGREN	3142E	00117537	Mar. 28, 2015	Mar. 27, 2016
Bilog Antenna	ETS-LINDGREN	3142E	00117542	Mar. 28, 2015	Mar. 27, 2016
Horn Antenna	ETS-LINDGREN	3117	00143207	Mar. 28, 2015	Mar. 27, 2016
Horn Antenna	ETS-LINDGREN	3117	00143209	Mar. 28, 2015	Mar. 27, 2016
Pre-amplifier	Sonoma	310N	185903	Mar. 28, 2015	Mar. 27, 2016
Pre-amplifier	HP	8447B	3008A00849	Mar. 28, 2015	Mar. 27, 2016
Cable	HUBER+SUHNER	100	SUCOFLEX	Mar. 28, 2015	Mar. 27, 2016
Positioning Controller	ETS-LINDGREN	2090	N/A	N/A	N/A



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4. Conducted Emission Test

4.1 Test Standard and Limit

4.1.1Test Standard FCC Part 15.207

4.1.2 Test Limit

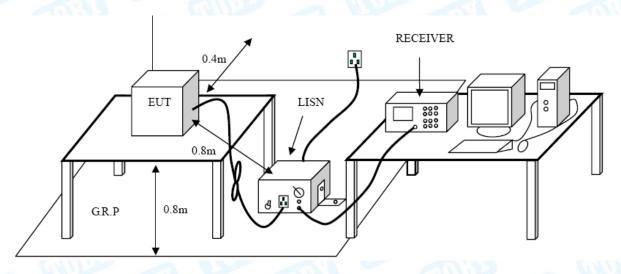
Conducted Emission Test Limit

-01333 Francis (01)325	Maximum RF Line Voltage (dBμV)		
Frequency	Quasi-peak Level	Average Level	
150kHz~500kHz	66 ~ 56 *	56 ~ 46 *	
500kHz~5MHz	56	46	
5MHz~30MHz	60	50	

Notes:

- (1) *Decreasing linearly with logarithm of the frequency.
- (2) The lower limit shall apply at the transition frequencies.
- (3) The limit decrease in line with the logarithm of the frequency in the range of 0.15 to 0.50MHz.

4.2 Test Setup



4.3 Test Procedure

The EUT was placed 0.8 meters from the horizontal ground plane with EUT being connected to the power mains through a line impedance stabilization network (LISN). All other support equipments powered from additional LISN(s). The LISN provide 50 Ohm/50uH of coupling impedance for the measuring instrument.

Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 to 40 cm long.



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I/O cables that are not connected to a peripheral shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.

LISN at least 80 cm from nearest part of EUT chassis.

The bandwidth of EMI test receiver is set at 9kHz, and the test frequency band is from 0.15MHz to 30MHz.

4.4 EUT Operating Mode

Please refer to the description of test mode.

4.5 Test Data

Please see the next page





EUT:	Nexersys (Console	Model Name :	NXST22	
Temperature:	25 ℃		Relative Humidity	y: 55%	Range
Test Voltage:	AC 120V/6	60 Hz		Call Sal	
Terminal:	Line	- MA	U.		
Test Mode:	AC Chargi	ng with TX B I	Mode	1	HILL
Remark:	Only worse	e case is repo	rted	11:15	
30 dBuV 20		Aprilia per de la persona de l		QP: AVG:	million AVG
0.150	0.5	(MHz) 5		30.000
No. Mk.		ading Corr evel Fac		imit O∨er	
No. Mk.	Freq. Le		tor ment ^L	imit O∨er Bu∨ dB	Detector
	Freq. Le	vel Fac	tor ment L		
1 (Freq. Le MHz dE 0.1859 36	vel Fac BuV dB	tor ment L dBuV c 2 46.20 6	lBu∨ dB	Detector QP
1 (Freq. Le MHz dE 0.1859 36 0.1859 21	evel Fac BuV dB 5.08 10.1	dBuV of 2 46.20 6-2 32.03 5-4	dBu∨ dB 4.21 -18.01	Detector QP AVG
1 (2 (3 (3 (4 (4 (4 (4 (4 (4 (4 (4 (4 (4 (4 (4 (4	Freq. Le MHz dE 0.1859 36 0.1859 21 0.4460 33	Evel Fac BuV dB 6.08 10.1 .91 10.1	dBuV dBuV dBuV dBuV dBuV dBuV dBuV dBuV	dBu∀ dB 4.21 -18.01 4.21 -22.18	QP AVG
1 (2 (3 (4 (4 (4 (4 (4 (4 (4 (4 (4 (4 (4 (4 (4	Freq. Le MHz dE 0.1859 36 0.1859 21 0.4460 33 0.4460 21	Evel Fac BuV dB 5.08 10.1 .91 10.1 3.51 10.0	tor ment L dBuV c 2 46.20 6- 2 32.03 5- 4 43.55 5- 4 31.33 4-	dBuV dB 4.21 -18.01 4.21 -22.18 6.95 -13.40	QP AVG QP AVG
1 (2 (3 (4 (5 (5 (6 (5 (5 (5 (5 (5 (5 (5 (5 (5 (5 (5 (5 (5	Freq. Le MHz dE 0.1859 36 0.1859 21 0.4460 33 0.4460 21 0.5500 33	Evel Fac BuV dB 5.08 10.1 .91 10.1 3.51 10.0 .29 10.0	tor ment L dBuV 2 46.20 6 2 32.03 5 4 43.55 5 4 31.33 4 2 43.51 5	dBuV dB 4.21 -18.01 4.21 -22.18 6.95 -13.40 6.95 -15.62	QP AVG QP AVG
1 (2 (3 (4 (6 (5 (6 (6 (6 (6 (6 (6 (6 (6 (6 (6 (6 (6 (6	Freq. Le MHz dE 0.1859 36 0.1859 21 0.4460 33 0.4460 21 0.5500 33 0.5500 20	Evel Fac BuV dB 5.08 10.1 .91 10.1 5.51 10.0 .29 10.0	tor ment L dBuV c 2 46.20 6 2 32.03 5 4 43.55 5 4 31.33 4 2 43.51 5 2 30.17 4	dBuV dB 4.21 -18.01 4.21 -22.18 6.95 -13.40 6.95 -15.62 6.00 -12.49	QP AVG QP AVG AVG
1 (2 (3 (4 (6 (6 (6 (6 (6 (6 (6 (6 (6 (6 (6 (6 (6	Freq. Le MHz de 0.1859 36 0.1859 21 0.4460 33 0.4460 21 0.5500 33 0.5500 20 0.7900 33	Evel Fac BuV dB 5.08 10.1 .91 10.1 6.51 10.0 .29 10.0 6.49 10.0	tor ment L dBuV 2 46.20 6- 2 32.03 5- 4 43.55 5- 4 31.33 4- 2 43.51 5- 2 30.17 4- 6 43.43 5-	4.21 -18.01 4.21 -22.18 6.95 -13.40 6.95 -15.62 6.00 -12.49 6.00 -15.83	QP AVG QP AVG QP AVG
1 (2 (3 (4 (6 (6 (6 (6 (6 (6 (6 (6 (6 (6 (6 (6 (6	Freq. Le	Evel Fac BuV dB 3.08 10.1 .91 10.1 3.51 10.0 .29 10.0 3.49 10.0 0.15 10.0 3.37 10.0	tor ment L dBuV 2 46.20 6- 2 32.03 5- 4 43.55 5- 4 31.33 4- 2 43.51 5- 2 30.17 4- 6 43.43 5- 6 29.48 4-	HBuV dB 4.21 -18.01 4.21 -22.18 6.95 -13.40 6.95 -15.62 6.00 -12.49 6.00 -15.83 6.00 -12.57	QP AVG QP AVG QP AVG AVG
1 (2 (3 (4 (6 (6 (6 (6 (6 (6 (6 (6 (6 (6 (6 (6 (6	Freq. Le	Evel Fac BuV dB 3.08 10.1 .91 10.1 3.51 10.0 3.49 10.0 3.37 10.0 3.42 10.0	tor ment L dBuV 2 46.20 6 2 32.03 5 4 43.55 5 4 31.33 4 2 43.51 5 2 30.17 4 6 43.43 5 6 29.48 4 6 44.28 5	dBuV dB 4.21 -18.01 4.21 -22.18 6.95 -13.40 6.95 -15.62 6.00 -12.49 6.00 -15.83 6.00 -16.52	QP AVG QP AVG QP AVG QP AVG QP
1 0 2 0 3 0 4 0 5 0 0 6 0 0 7 0 0 8 0 0 9 4 10 4 10 4 10 10 10 10 10 10 10 10 10 10 10 10 10	Freq. Le MHz de 0.1859 36 0.1859 21 0.4460 33 0.4460 21 0.5500 33 0.5500 20 0.7900 19 1.9898 34 1.9898 20	Evel Fac BuV dB 3.08 10.1 .91 10.1 3.51 10.0 .29 10.0 3.49 10.0 3.37 10.0 3.42 10.0 3.22 10.0	tor ment L dBuV 2 46.20 64 2 32.03 54 4 43.55 56 4 31.33 44 2 43.51 56 2 30.17 44 6 43.43 56 6 29.48 46 6 44.28 56 6 30.76 46	HBuV dB 4.21 -18.01 4.21 -22.18 6.95 -13.40 6.95 -15.62 6.00 -12.49 6.00 -15.83 6.00 -12.57 6.00 -16.52 6.00 -11.72	QP AVG QP AVG QP AVG QP AVG AVG

*:Maximum data x:Over limit !:over margin



EUT:	Nexersys Conso	le M c	del Name :	1	NXST22	
Temperature:	25 ℃		lative Humidit	y: 5	55%	Alle
Test Voltage:	AC 120V/60 Hz			63	TI BE	
Terminal:	Neutral	ARITE		V		
Test Mode:	AC Charging wit	h TX B Mode	e MIDE		a V	
Remark:	Only worse case	is reported	The second		13	
30 dBuV -20 0.150	0.5	Kanana Markana and Andrew Carlon (MHz)	Like Williams Andrews	and the second	QP: AVG:	peak
No. Mk. Fr	Reading req. Level	Correct Factor	Measure- ment L	imit	Over	
	IHz dBuV	dB		dBuV	dB	Detector
1 0.19	900 35.70	10.12	45.82	4.03	-18.21	QP
2 0.19	900 23.37	10.12	33.49 5	4.03	-20.54	AVG
3 0.4	420 33.87	10.04	43.91 5	7.02	-13.11	QP
4 0.4	420 20.84	10.04	30.88 4	7.02	-16.14	AVG
5 0.6	580 33.38	10.02	43.40 5	6.00	-12.60	QP
6 0.6	580 18.67	10.02	28.69 4	6.00	-17.31	AVG
7 1.2	860 33.31	10.13	43.44 5	6.00	-12.56	QP
8 1.2	860 18.30	10.13	28.43 4	6.00	-17.57	AVG
9 3.00	659 32.63	10.06	42.69 5	6.00	-13.31	QP
10 3.00	659 18.65	10.06	28.71 4	6.00	-17.29	AVG
11 * 12.9	539 38.71	10.10	48.81 6	0.00	-11.19	QP
12 12.9	539 25.25	10.10	35.35 5	0.00	-14.65	AVG
*:Maximum data x:Ove	er limit :er limit !:over margin					





EUT:	Nexersys	s Console	Model Name :	NXST22	
Temperature:	25 ℃	(T) 123	Relative Humidity:	55%	All I
Test Voltage:	AC 240V	//60 Hz	011	and be	
Terminal:	Line	78			
Test Mode:	AC Char	ging with TX B N	/lode	1	MARKET
Remark:	Only wor	rse case is repor	ted	TIME	
80.0 dBuV					
				QP: AVG:	_
×	× X			ar/1	
MM	T WALL	/^^_/^\	adving the properties of the second	the transfer of the state of th	Awayawayay ne
30	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	May why way my	. M. M. Mayon	Mary Mary Mary	pe
		W V V	Whyther a s Arres tre		1. Adhary
A MA	V 'W				
20					
0.150	0.5	(MHz	5		30.000
0.150	Re	(MHz	ect Measure-		30.000
0.150	Re		ect Measure-	nit Over	30.000
0.150 No. Mk. F	Re req. L	eading Corre	ect Measure-		30.000 Detector
0.150 No. Mk. F	Re req. L	eading Corre	ect Measure- cor ment Lin	uV dB	
0.150 No. Mk. F	Ref req. L MHz 4	eading Corre	ect Measure- for ment Lin dBuV dB 2 50.58 64.	uV dB 21 -13.63	Detector QP
0.150 No. Mk. F 1 0.1 2 0.1	Refreq. L MHz 1860 4	eading Corre Level Fact dBuV dB 10.46 10.1	ect Measure- for ment Lin dBuV dB 2 50.58 64. 2 41.44 54.	uV dB 21 -13.63 21 -12.77	Detector QP
0.150 No. Mk. F 1 0.1 2 0.1 3 0.4	Refreq. L MHz 860 4 860 3 4620 3	eading Corre- Level Fact dBuV dB 10.46 10.1 31.32 10.1	dBuV dBuv dBuv dBuv dBuv dBuv dBuv dBuv dBuv	uV dB 21 -13.63 21 -12.77 66 -8.54	Detector QP AVG QP
0.150 No. Mk. F 1 0.1 2 0.1 3 0.4 4 0.4	Refreq. L MHz 1860 4 1860 3 1620 3	eading Corre- Level Fact dBuV dB 40.46 10.1 31.32 10.1 38.09 10.0	Measure- ment Lin dBuV dB 2 50.58 64. 2 41.44 54. 3 48.12 56. 3 37.45 46.	uV dB 21 -13.63 21 -12.77 66 -8.54 66 -9.21	Detector QP AVG QP
0.150 No. Mk. F 1 0.1 2 0.1 3 0.4 4 0.4 5 0.5	Refreq. L MHz 1860 4 1860 3 1620 3 1620 3	eading Correlated Factors Level	ect Measure- for ment Lin dBuV dB 2 50.58 64. 2 41.44 54. 3 48.12 56. 3 37.45 46. 2 49.39 56.	uV dB 21 -13.63 21 -12.77 66 -8.54 66 -9.21 00 -6.61	Detector QP AVG QP AVG
0.150 No. Mk. F 1 0.1 2 0.1 3 0.4 4 0.4 5 0.5 6 * 0.5	Refreq. L MHz 1860 4 1860 3 1620 3 1620 3 16460 3	eading Corre- Level Fact dBuV dB 40.46 10.1 31.32 10.1 38.09 10.0 27.42 10.0 39.37 10.0	Measure- for ment Lin dBuV dBi 2 50.58 64. 2 41.44 54. 3 48.12 56. 3 37.45 46. 2 49.39 56. 2 40.15 46.	uV dB 21 -13.63 21 -12.77 66 -8.54 66 -9.21 00 -6.61	Detector QP AVG QP AVG
0.150 No. Mk. F 1 0.1 2 0.1 3 0.4 4 0.4 5 0.5 6 * 0.5 7 0.9	Refreq. L MHz 860 4 860 3 620 3 6460 3 6460 3	eading Correlated Fact Fact Fact Fact Fact Fact Fact Fact	Measurement Ling dBuV dBuV 2 50.58 64. 2 41.44 54. 3 48.12 56. 3 37.45 46. 2 49.39 56. 2 40.15 46. 2 44.43 56.	uV dB 21 -13.63 21 -12.77 66 -8.54 66 -9.21 00 -6.61 00 -5.85	Detector QP AVG QP AVG QP AVG
0.150 No. Mk. F 1	Refreq. L MHz 1860 4 1860 3 1620 3 1620 3 16460 3 16460 3 180 3	eading Correlated Fact dBuV dB 40.46	ect Measure- for ment dBuV dB 2 50.58 64. 2 41.44 54. 3 48.12 56. 3 37.45 46. 2 49.39 56. 2 40.15 46. 2 44.43 56. 2 33.72 46.	uV dB 21 -13.63 21 -12.77 66 -8.54 66 -9.21 00 -6.61 00 -5.85 00 -11.57	Detector QP AVG QP AVG QP AVG
0.150 No. Mk. F 1 0.1 2 0.1 3 0.4 4 0.4 5 0.5 6 * 0.5 7 0.9 8 0.9 9 1.1	Refreq. L MHz 1860 4 1860 3 1620 3 1620 3 16460 3 180 3 180 3 180 3	eading Correlevel Fact dBuV dB 10.46 10.1 31.32 10.1 38.09 10.0 27.42 10.0 39.37 10.0 30.13 10.0 34.31 10.1 23.60 10.1	ect Measure- for ment Lin dBuV dB 2 50.58 64. 2 41.44 54. 3 48.12 56. 3 37.45 46. 2 49.39 56. 2 40.15 46. 2 44.43 56. 2 33.72 46. 4 45.11 56.	dB 21 -13.63 21 -12.77 66 -8.54 66 -9.21 00 -6.61 00 -5.85 00 -11.57	Detector QP AVG QP AVG QP AVG AVG
No. Mk. F 1 0.1 2 0.1 3 0.4 4 0.4 5 0.5 6 * 0.5 7 0.9 8 0.9 9 1.1 10 1.1	Refreq. L	eading Correlevel Fact dBuV dB 40.46 10.1 31.32 10.1 38.09 10.0 27.42 10.0 39.37 10.0 30.13 10.0 34.31 10.1 23.60 10.1 34.97 10.1	ect Measurement dBuV dBuV 2 50.58 64. 2 41.44 54. 3 48.12 56. 3 37.45 46. 2 49.39 56. 2 40.15 46. 2 44.43 56. 2 43.72 46. 4 45.11 56. 4 34.34 46.	dB 21 -13.63 21 -12.77 66 -8.54 66 -9.21 00 -6.61 00 -5.85 00 -11.57 00 -12.28 00 -10.89	QP AVG QP AVG QP AVG QP AVG



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EUT:	Nexersys	Console	Model Name :	: N	NXST22	
Temperature:	25 ℃		Relative Hum	idity: 5	55%	RIGHT
Test Voltage:	AC 240V/	60 Hz	THE PERSON	6740	133	
Terminal:	Neutral		1000	N		ATT
Test Mode:	AC Charg	ing with TX B I	Mode			111
Remark:	Only wors	e case is repo	rted	em'	13	
80.0 dBuV						
					QP: AVG:	
					'	
X	XX	<u>.</u>			May phage	
JA A.D.A	(11/1)	$M_{\rm p}/M_{\rm p}/M_{\rm p}$	~\^\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	And the State of t	Walter and Married M.	Mahama
30	W/_\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	Many Mary	A A AMA MA	un muma		pea
	New	M. M. A.A.	Antina a			""WAY
L C C C	V V					
20						
0.150	0.5	(MHz	:) 5			30.000
NI- MI- E		ading Corr		Limit	O∨er	
	<u>'</u>	evel Fac BuV dB	tor ment dBuV	dBuV	dB	Dotostor
		3.78 9.9		64.39	-15.63	Detector QP
		3.70 9.8 3.72 9.9		54.39	-15.69	AVG
	018 20	ງ. ≀ ∠	30.70		- 1. 1 [124	$\neg v \circ$
2 0 4	IGGO 27	7.60 40.0	2 47.62			OB
		7.60 10.0		56.58	-8.96	QP
4 0.4	1660 26	5.87 10.0	2 36.89	56.58 46.58	-8.96 -9.69	AVG
4 0.4 5 0.5	1660 26 5420 37	3.87 10.0 7.30 10.0	2 36.89 4 47.34	56.58 46.58 56.00	-8.96 -9.69 -8.66	AVG QP
4 0.4 5 0.5 6 * 0.5	660 26 6420 37 6420 27	7.30 10.0 7.48 10.0	36.89 4 47.34 4 37.52	56.58 46.58 56.00 46.00	-8.96 -9.69 -8.66 -8.48	AVG QP AVG
4 0.4 5 0.5 6 * 0.5 7 1.2	660 26 5420 37 5420 27 2300 34	3.87 10.0 7.30 10.0 7.48 10.0 4.90 10.0	36.89 4 47.34 4 37.52 6 44.96	56.58 46.58 56.00 46.00 56.00	-8.96 -9.69 -8.66 -8.48 -11.04	AVG QP AVG QP
4 0.4 5 0.5 6 * 0.5 7 1.2 8 1.2	1660 26 5420 37 5420 27 2300 34 2300 22	5.87 10.0 7.30 10.0 7.48 10.0 4.90 10.0 2.88 10.0	36.89 4 47.34 4 37.52 6 44.96 6 32.94	56.58 46.58 56.00 46.00 56.00 46.00	-8.96 -9.69 -8.66 -8.48 -11.04 -13.06	AVG QP AVG QP AVG
4 0.4 5 0.5 6 * 0.5 7 1.2 8 1.2 9 4.8	660 26 5420 37 5420 27 2300 34 2300 22 3859 35	3.87 10.0 7.30 10.0 7.48 10.0 4.90 10.0 2.88 10.0 5.10 9.9	36.89 4 47.34 4 37.52 6 44.96 6 32.94 6 45.06	56.58 46.58 56.00 46.00 56.00 56.00	-8.96 -9.69 -8.66 -8.48 -11.04 -13.06 -10.94	AVG QP AVG QP AVG
4 0.4 5 0.5 6 * 0.5 7 1.2 8 1.2 9 4.8 10 4.8	660 26 5420 37 5420 27 2300 34 2300 22 3859 35 3859 23	5.87 10.0 7.30 10.0 7.48 10.0 4.90 10.0 2.88 10.0 5.10 9.9 3.09 9.9	36.89 4 47.34 4 37.52 6 44.96 6 32.94 6 45.06 6 33.05	56.58 46.58 56.00 46.00 56.00 46.00 46.00	-8.96 -9.69 -8.66 -8.48 -11.04 -13.06 -10.94 -12.95	AVG QP AVG QP AVG
4 0.4 5 0.5 6 * 0.5 7 1.2 8 1.2 9 4.8 10 4.8 11 12.9	660 26 6420 37 6420 27 2300 34 2300 22 8859 35 8859 36	3.87 10.0 7.30 10.0 7.48 10.0 4.90 10.0 2.88 10.0 5.10 9.9	36.89 4 47.34 37.52 6 44.96 6 32.94 6 45.06 6 33.05 2 47.15	56.58 46.58 56.00 46.00 56.00 46.00 46.00 60.00	-8.96 -9.69 -8.66 -8.48 -11.04 -13.06 -10.94	AVG QP AVG QP AVG



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5. Radiated Emission Test

5.1 Test Standard and Limit

5.1.1 Test Standard FCC Part 15.209

5.1.2 Test Limit

Radiated Emission Limits (9kHz~1000MHz)

Frequency (MHz	Field Strength (microvolt/meter)	Measurement Distance (meters)
0.009~0.490	2400/F(KHz)	300
0.490~1.705	24000/F(KHz)	30
1.705~30.0	30	30
30~88	100	3
88~216	150	3
216~960	200	3
Above 960	500	3

Radiated Emission Limit (Above 1000MHz)

Frequency	Class A (dBuV	/m)(at 3 M)	Class B (dBuV	/m)(at 3 M)
(MHz)	Peak	Average	Peak	Average
Above 1000	80	60	74	54

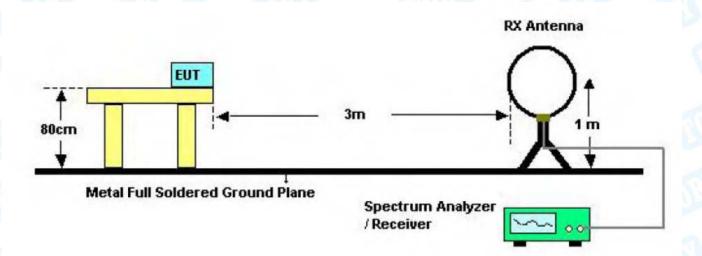
Note:

- (1) The tighter limit applies at the band edges.
- (2) Emission Level(dBuV/m)=20log Emission Level(uV/m)

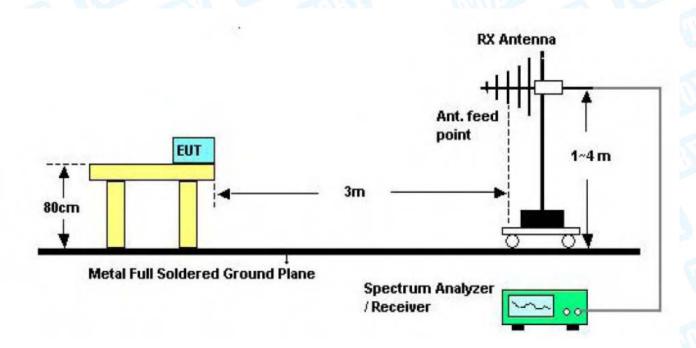


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5.2 Test Setup



Below 30MHz Test Setup

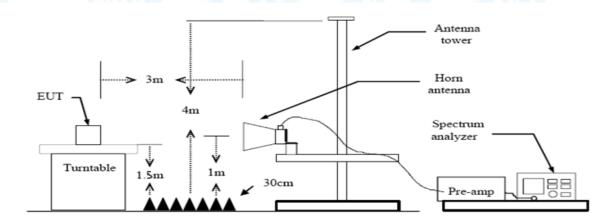


Below 1000MHz Test Setup



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Above 1GHz Test Setup

5.3 Test Procedure

- (1) The measuring distance of 3m shall be used for measurements at frequency up to 1GHz. The EUT was placed on a rotating 0.8m high above the ground, the table was rotated 360 degrees to determine the position of the highest radiation.
- (2) Measurements at frequency above 1GHz. The EUT was placed on a rotating 1.5m high above the ground. RF absorbers covered the ground plane with a minimum area of 3.0m by 3.0m between the EUT and measurement receiver antenna. The RF absorber shall not exceed 30cm in high above the conducting floor. The table was rotated 360 degrees to determine the position of the highest radiation.
- (3) The Test antenna shall vary between 1m and 4m, Both Horizontal and Vertical antenna are set to make measurement.
- (4) The initial step in collecting conducted emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured.
- (5) If the Peak Mode measured value compliance with and lower than Quasi Peak Mode Limit Bellow 1 GHz, the EUT shall be deemed to meet QP Limits and then no additional QP Mode measurement performed. But the Peak Value and average value both need to comply with applicable limit above 1 GHz.
- (6) Testing frequency range below 1GHz the measuring instrument use VBW=120 kHz with Quasi-peak detection.
- (7) Testing frequency range above 1GHz the measuring instrument use RBW=1 MHz and VBW=3 MHz with Peak Detector for Peak Values, and use RBW=1 MHz and VBW=10 Hz with Peak Detector for Average Values.
- (8) For the actual test configuration, please see the test setup photo.

5.4 EUT Operating Condition

The Equipment Under Test was set to Continual Transmitting in maximum power.



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5.5 Test Data

Remark: During testing above 1GHz the measuring instrument use RBW=1 MHz and VBW=3 MHz with Peak Detector for Peak Values, and use RBW=1 MHz and VBW=10 Hz with Peak Detector for Average Values.

Test data please refer the following pages.

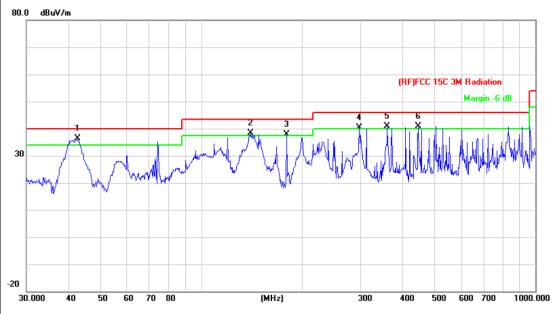


		Nexe	ersys	Conso	le	Model Nam	ne:	NXST	22	
Temperatui	re:	25 °	C			Relative Hu	umidity:	55%		1117
Test Voltag	e:	AC 1	20V/	/60 Hz		28	6			
Ant. Pol.		Horiz	zonta	ıl	ARE		57			
Test Mode:	1	TX E	3 Mod	de 2412	2MHz			1	19	A STATE OF THE PARTY OF THE PAR
Remark:		Only	wors	se case	is reporte	d	6.11	133		
80.0 dBuV/m	Mu				1	2 3 4 5 2 X X X		CC 15C 3M	Radiation Margin -6	
20 30.000 40	50	60 70	80	#### /* African	(MHz)	pal haya kajak kajaka k	300 400	500 60	00 700	1000.00
		60 70 eq.	Re	eading	(MHz) Correct Factor	Measur			00 700 Ver	1000.00
30.000 40		eq.	Re L	_	Correc	Measur	e- Lim	it O		1000.00
30.000 40	ı. Fr	eq . ⊣z	Re	.evel ¯	Correc Facto	t Measur ment	e- Lim	it O	ver	
No. Mk	K. Fro	eq. ⊣z 1410	Re L	. evel dBuV	Correc Facto	t Measur ment dBuV/n	e- Lim dBu\ 2 43.	it O //m 50 -	ver dB	Detecto
No. Mk	K. From MH	eq. +z 1410 2855	Re L	.evel dBuV 9.22	Correct Factor dB/m -21.30	Measur ment dBuV/n 37.92	e- Lim dBu ^v 2 43.	it O //m 50 -4	∨er dB 5.58	Detecto peal
No. Mk	MH 148.4 199.2	eq. 1410 2855	5 5	evel dBuV 9.22 9.22	Correct Factor dB/m -21.30 -20.43	Measur ment dBuV/n 37.92 38.79	e- Lim dBu ^v 2 43. 0 43. 46.	it O //m 50 -4 50 -4	ver dB 5.58 4.71	Detector peak
No. Mk 1 ! 2 ! 3 !	148.4 199.2 222.9	eq	5 5 5	ievel iBuV i9.22 i9.22 i9.71	Correct Factor dB/m -21.30 -20.43 -19.40	Measur ment dBuV/n 37.92 38.79 40.31	E Lim 1 dBu 2 43. 3 43. 46.	it O //m 50 50 00	ver dB 5.58 4.71 5.69	Detector peal peal peal



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EUT:	Nexersys Console	Model Name :	NXST22
Temperature:	25 ℃	Relative Humidity:	55%
Test Voltage:	AC 120V/60 Hz		
Ant. Pol.	Vertical		
Test Mode:	TX B Mode 2412MHz		
Remark:	Only worse case is report	rted	1:72
80.0 dBuV/m			



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	O∨er	
		MHz	dBu∀	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	42.6000	57.67	-21.26	36.41	40.00	-3.59	peak
2	ļ	140.3420	60.36	-21.95	38.41	43.50	-5.09	peak
3	ļ	180.0165	58.48	-20.57	37.91	43.50	-5.59	peak
4	ļ	297.2241	57.58	-17.14	40.44	46.00	-5.56	peak
5	ļ	360.4476	55.43	-14.55	40.88	46.00	-5.12	peak
6	İ	446.4141	53.39	-12.53	40.86	46.00	-5.14	peak

^{*:}Maximum data x:Over limit !:over margin



7

EUT:	Nexersys Console	Model Name :	NXST22
Temperature:	25 ℃	Relative Humidity	: 55%
Test Voltage:	AC 120V/60 Hz		
Ant. Pol.	Horizontal	THU .	
Test Mode:	TX B Mode 2437MH	l z	
Remark:	Only worse case is	reported	
80.0 dBuV/m			
30		2 3 3 8 3 8 4 5 8 5 8 5 8 5 8 5 8 5 8 5 8 5 8 5 8	REJECC 15C 3M Radiation Margin -6 dB
30.000 40 50	60 70 80		00 500 600 700 1000.00
No. Mk. F		Correct Measure- Factor ment Lir	mit Over
N	1Hz dBuV	dB/m dBuV/m dB	BuV/m dB Detecto
1 43.8	3119 55.61 -	21.77 33.84 40	0.00 -6.16 peak
2 * 148.	4410 60.74 -	21.30 39.44 43	3.50 -4.06 peak
3 ! 199.	2855 59.48 -	20.43 39.05 43	3.50 -4.45 peak
4 222.	9499 58.70 -	19.40 39.30 46	6.00 -6.70 peak
			6.00 -5.24 peak
			6.00 -4.43 peak
201.	22 FT 30.7 T	17.14 41.07 40	pean



EUT:	Nexe	rsys Console	Me	odel Name :	1	NXST22	
Temperature	25 °C		Re	elative Humic	dity:	55%	
Test Voltage:	: AC 1	20V/60 Hz			(A)	1133	
Ant. Pol.	Vertic	cal	PAGE		A. A.		
Test Mode:	TX B	Mode 2437N	lHz				La company
Remark:	Only	worse case is	reported	The second		33	
30 dBuV/m	Harland Harly My Market And	3 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	matropoly		(RF)FCC	15C 3M Radiatio	
-20 30.000 40	50 60 70	80	(MHz)	300	400	500 600 700	1000.00
	50 60 70 Freq.		(MHz) Correct Factor	Measure- ment	400	500 600 700 Over	1000.00
30.000 40		Reading	Correct	Measure-		Over	
30.000 40 No. Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	Detecto
No. Mk.	Freq.	Reading Level dBuV 56.44	Correct Factor	Measure- ment dBuV/m	Limit dBuV/m	Over dB -5.33	Detecto peak
No. Mk. 1 ! 2 *	Freq. MHz 43.8119	Reading Level dBuV 56.44 58.99	Correct Factor dB/m -21.77	Measure- ment dBuV/m 34.67	Limit dBuV/m	Over dB -5.33 -4.22	Detecto peak peak
No. Mk. 1 ! 2 * 3	Freq. MHz 43.8119 81.2116	Reading Level dBuV 56.44 58.99 58.66	Correct Factor dB/m -21.77 -23.21	Measurement dBuV/m 34.67 35.78	Limit dBuV/m 40.00	Over -5.33 -4.22 -6.79	Detector peak peak peak
No. Mk. 1 ! 2 * 3 4 1	Freq. MHz 43.8119 81.2116 98.4865 148.4410	Reading Level dBuV 56.44 58.99 58.66 57.57	Correct Factor dB/m -21.77 -23.21 -21.95 -21.30	Measurement dBuV/m 34.67 35.78 36.71 36.27	Limit dBuV/m 40.00 40.00 43.50 43.50	Over -5.33 -4.22 -6.79 -7.23	peak peak peak
No. Mk. 1 ! 2 * 3 4 1 5 ! 1	Freq. MHz 43.8119 81.2116 98.4865	Reading Level dBuV 56.44 58.99 58.66 57.57 58.47	Correct Factor dB/m -21.77 -23.21 -21.95	Measure- ment dBuV/m 34.67 35.78 36.71	Limit dBuV/m 40.00 40.00 43.50	Over -5.33 -4.22 -6.79 -7.23 -5.46	Detecto peak peak peak peak peak



	ļ	U	b	Y	
7/	777) in			

Temperature: Test Voltage: Ant. Pol.	25 ℃				XST22	
Ant. Pol.	25 C		Relative Humi	dity: 55	5%	A Brown
	AC 120V/6	0 Hz		Time.	133	
	Horizontal			10		
Test Mode:	TX B Mode	2462MHz		2		A distance
Remark:	Only worse	case is repor	rted		3	
30	Nagy Wall and the same of the	2 3 4 X		(RF)FCC 15	C 3M Radiation	
20 30.000 40 50	60 70 80	(MH:	2) 300	400 500	0 600 700	1000.00
30.000 40 50	60 70 80 Readeq. Lev	ding Corre	ct Measure-	400 500 Limit	0 600 700 Over	1000.00
30.000 40 50	Read eq. Lev	ding Corre vel Fact	ct Measure- or ment			1000.00
30.000 40 50 No. Mk. Fro	Read eq. Lev	ding Corre vel Fact	ct Measure- or ment	Limit	Over	
No. Mk. Fr	Read eq. Lev Hz dBu 172 52.	ding Corre vel Facto dB/m 00 -16.76	ct Measure- or ment dBuV/m	Limit dBuV/m	Over	Detecto
No. Mk. From Mh 1 ! 34.5 2 98.4	Read Lev dBu 172 52.4	ding Corre vel Facto dB/m 00 -16.70 50 -21.90	Measure- or ment dBuV/m 6 35.24 5 34.55	Limit dBuV/m 40.00 43.50	Over dB -4.76 -8.95	Detector peak
No. Mk. From MH 1 ! 34.5 2 98.4 3 125.0	Read Lev dBu 172 52.865 56.0066 59.	ding Corre yel Facto dB/m 00 -16.70 50 -21.90 83 -22.30	Measure- ment dBuV/m 6 35.24 5 34.55 4 37.49	Limit dBuV/m 40.00 43.50 43.50	Over dB -4.76 -8.95 -6.01	Detector peak peak peak
No. Mk. From Mh 1 ! 34.5 2 98.4	Read Lev dBu 172 52.4865 56.50066 59.4410 57.5	ding Corre yel Facto 00 -16.70 50 -21.90 83 -22.30 21 -21.30	Measure- ment dBuV/m 6 35.24 5 34.55 4 37.49 0 35.91	Limit dBuV/m 40.00 43.50	Over dB -4.76 -8.95	Detector peak



EUT:	Nexersys Console	Model Name	e: N	XST22	
Temperature:	25 ℃	Relative Hun	nidity: 55	5%	
Test Voltage:	AC 120V/60 Hz		Tim)	133	
Ant. Pol.	Vertical	N. S. C.			
Test Mode:	TX B Mode 2462MF	Iz			A STATE OF THE PARTY OF THE PAR
Remark:	Only worse case is a	reported		13	_ (
30 dBuV/m	3 X		(RF)FCC 1	5C 3M Radiation Margin -6	
		The state of the s	Call Callana Call	AM aplantin	MWW (NAV)
-20 30.000 40 50	60 70 80	(MHz) 30	0 400 5	00 600 700	1000.000
30.000 40 50	Reading C	T. A. Parily		00 600 700 Over	1000.00
	Reading C eq. Level	(MHz) 30	-		1000.000
30.000 40 50 No. Mk. Fro	Reading C eq. Level ⊣z dBuV	(MHz) 30 Correct Measure-Factor ment	- Limit	Over	
No. Mk. Fr	Reading C eq. Level dBu∨ 165 59.35 -	(MHz) 30 Correct Measure- Factor ment dB/m dBuV/m	Limit dBuV/m	Over	Detecto
No. Mk. From Mb. 1 * 45.2	Reading C eq. Level dBu∨ 165 59.35 - 594 59.59 -	Correct Measure-Factor ment dB/m dBuV/m 22.37 36.98	Limit dBuV/m 40.00	Over	Detecto peak
No. Mk. From Mb 1 * 45.2 2 ! 64.6	Reading C eq. Level dBuV 165 59.35 - 594 59.59 - 749 59.47 -	(MHz) 30 Correct Measure- Factor ment dB/m dBuV/m 22.37 36.98 24.10 35.49	Limit dBuV/m 40.00 40.00	Over dB -3.02 -4.51	Detecto peak peak
No. Mk. From Mb 1 * 45.2 2 ! 64.6 3 96.7	Reading Control Reading Control Revel Reading Control Revel Revel Revel Revel Revel Revel Revel Revel Revel Reading Control Revel Revel Revel Reading Control Revel Revel Revel Revel Reading Control Revel Revel Reading Control Revel Reading Control Revel Revel Revel Reading Control Revel	(MHz) 30 Correct Measurement dB/m dBuV/m 22.37 36.98 24.10 35.49 22.10 37.37	Limit dBuV/m 40.00 40.00 43.50	Over dB -3.02 -4.51 -6.13	Detecto peak peak peak



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EUT:	Nexersys Console	Model:	NXST22
Temperature:	25 ℃	Relative Humidity:	55%
Test Voltage:	AC 120V/60 Hz	01 - 0	THE STATE OF THE S
Ant. Pol.	Horizontal		
Test Mode:	TX B Mode 2412MHz		THE PARTY OF THE P
Remark:	No report for the emission	n which more than 10 o	dB below the
	prescribed limit.		
l I			



No	. Mk	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	
		MHz	dBu∀	dB/m	dBuV/m	dBuV/m	dB	Detector
1		4823.955	48.37	13.56	61.93	74.00	-12.07	peak
2	*	4824.009	36.56	13.56	50.12	54.00	-3.88	AVG



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EUT:	Nexersys Console	Model:	NXST22			
Temperature:	25 ℃	Relative Humidity:	55%			
Test Voltage:	AC 120V/60 Hz		TO SECURE			
Ant. Pol.	Vertical					
Test Mode:	TX B Mode 2412MHz					
Remark:	No report for the emiss	No report for the emission which more than 10 dB below the				
	prescribed limit.					

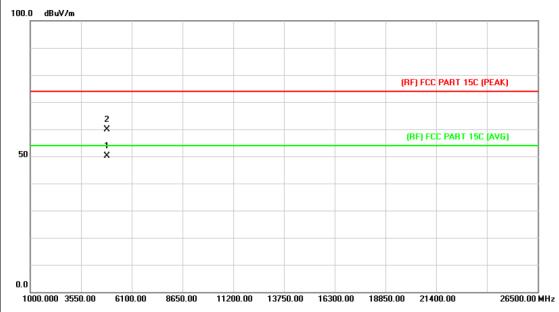


No	. Mk	Freq.	_	Correct Factor	Measure- ment	Limit	Over	
		MHz	dBu∀	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	4824.009	36.11	13.56	49.67	54.00	-4.33	AVG
2		4824.012	47.93	13.56	61.49	74.00	-12.51	peak



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EUT:	Nexersys Console	Model Name :	NXST22					
Temperature:	25 ℃	Relative Humidity:	55%					
Test Voltage:	AC 120V/60 Hz	01 - 0						
Ant. Pol.	Horizontal							
Test Mode:	TX B Mode 2437MHz							
Remark:	No report for the emission	n which more than 10 o	dB below the					
	prescribed limit.							



N	o. Mk	. Freq.	Reading Level		Measure- ment	Limit	Over	
		MHz	dBu∀	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	4873.991	36.19	13.86	50.05	54.00	-3.95	AVG
2		4874.204	46.07	13.86	59.93	74.00	-14.07	peak



EUT:	Nexersys Console	Model Name :	NXST22
Temperature:	25 ℃	Relative Humidity:	55%
Test Voltage:	AC 120V/60 Hz		THE STATE OF THE S
Ant. Pol.	Vertical		
Test Mode:	TX B Mode 2437MHz		A VILLE
Remark:	No report for the emission prescribed limit.	on which more than 10	dB below the
100 0 ID VI	·		

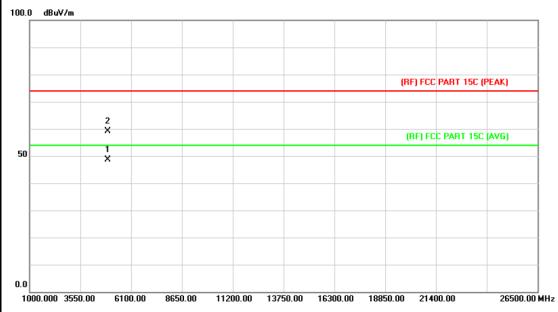


No	. Mk	. Freq.	_	Correct Factor	Measure- ment	Limit	Over	
		MHz	dBu∨	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	4873.970	34.85	13.86	48.71	54.00	-5.29	AVG
2		4874.150	45.14	13.86	59.00	74.00	-15.00	peak



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EUT:	Nexersys Console	Model Name :	NXST22
Temperature:	25 ℃	Relative Humidity:	55%
Test Voltage:	AC 120V/60 Hz	01 - 6	miss a
Ant. Pol.	Horizontal		
Test Mode:	TX B Mode 2462MHz		THE REAL PROPERTY.
Remark:	No report for the emissio prescribed limit.	n which more than 10 o	dB below the

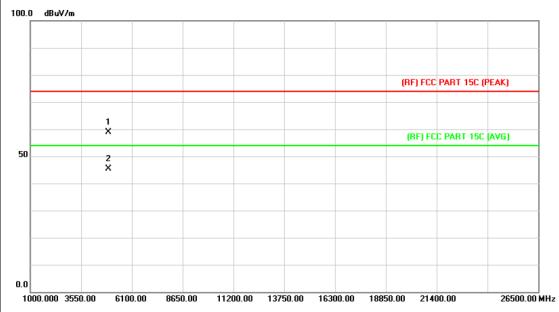


No	o. Mk	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	
		MHz	dBu∀	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	4924.009	34.46	14.15	48.61	54.00	-5.39	AVG
2		4924.051	45.01	14.15	59.16	74.00	-14.84	peak



Report No.: TB-FCC146380 Page: 32 of 93

EUT:	Nexersys Console	Model Name :	NXST22
Temperature:	25 ℃	Relative Humidity:	55%
Test Voltage:	AC 120V/60 Hz		THE STATE OF THE S
Ant. Pol.	Vertical	NO.	
Test Mode:	TX B Mode 2462MHz		THE RESERVE
Remark:	No report for the emissiprescribed limit.	sion which more than 10	dB below the

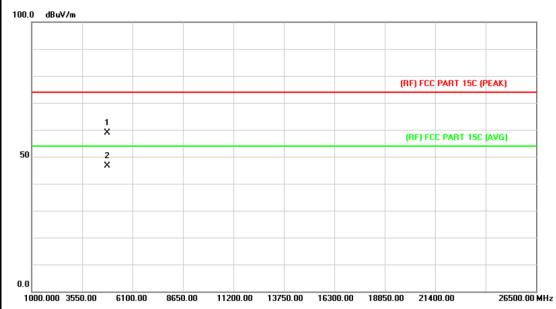


No	. Mk	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	
		MHz	dBu∀	dB/m	dBuV/m	dBuV/m	dB	Detector
1		4922.605	44.71	14.14	58.85	74.00	-15.15	peak
2	*	4924.009	31.28	14.15	45.43	54.00	-8.57	AVG



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EUT:	Nexersys Console	Model Name :	NXST22			
Temperature:	25 ℃	Relative Humidity:	55%			
Test Voltage:	AC 120V/60 Hz	01 - 0				
Ant. Pol.	Horizontal					
Test Mode:	TX G Mode 2412MHz		THE PARTY OF THE P			
Remark:	No report for the emission which more than 10 dB below the prescribed limit.					

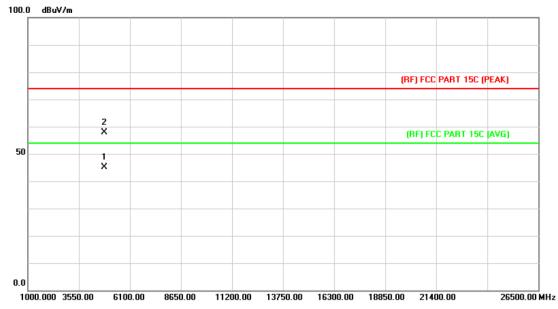


No	o. Mk	. Freq.	Reading Level		Measure- ment	Limit	O∨er	
		MHz	dBu∀	dB/m	dBuV/m	dBuV/m	dB	Detector
1		4823.682	45.26	13.56	58.82	74.00	-15.18	peak
2	*	4824.030	32.98	13.56	46.54	54.00	-7.46	AVG



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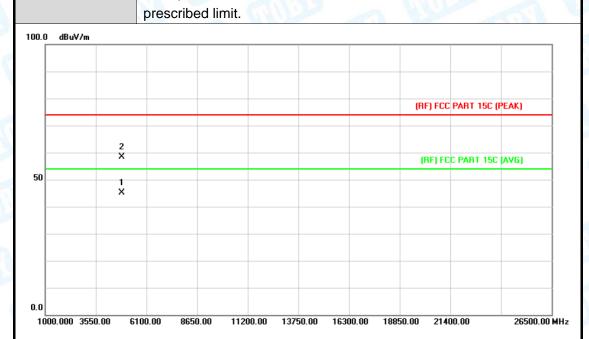
EUT:	Nexersys Console	Model Name :	NXST22			
Temperature:	25 ℃	Relative Humidity:	55%			
Test Voltage:	AC 120V/60 Hz	01 -	THE STATE OF THE S			
Ant. Pol.	Vertical					
Test Mode:	TX G Mode 2412MHz		THE REAL PROPERTY OF THE PARTY			
Remark:	Remark: No report for the emission which more than 10 dB below the prescribed limit.					



No	. Mk	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	
		MHz	dBu∨	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	4823.970	31.52	13.56	45.08	54.00	-8.92	AVG
2		4824.063	44.32	13.56	57.88	74.00	-16.12	peak



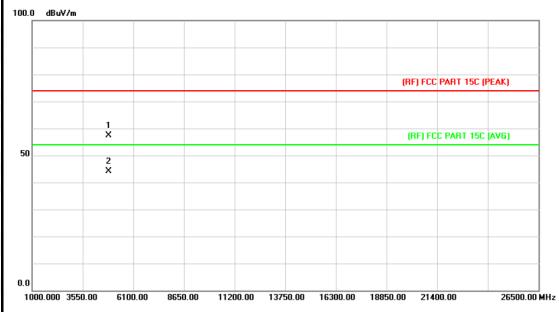
A VIII							
EUT:	Nexersys Console	Model Name :	NXST22				
Temperature:	25 ℃	Relative Humidity:	55%				
Test Voltage:	AC 120V/60 Hz	131	THE STATE OF THE S				
Ant. Pol.	Horizontal						
Test Mode:	TX G Mode 2437MHz	TX G Mode 2437MHz					
Remark:	No report for the emission	on which more than 10	dB below the				



No	. Mk	. Freq.	Reading Level		Measure- ment	Limit	O∨er	
		MHz	dBu∀	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	4874.030	31.27	13.86	45.13	54.00	-8.87	AVG
2		4874.933	44.47	13.86	58.33	74.00	-15.67	peak



EUT:	Nexersys Console	Model Name :	NXST22
Temperature:	25 ℃	Relative Humidity:	55%
Test Voltage:	AC 120V/60 Hz	(A)	and a
Ant. Pol.	Vertical		
Test Mode:	TX G Mode 2437MHz		
Remark:	No report for the emission prescribed limit.	on which more than 10 o	dB below the

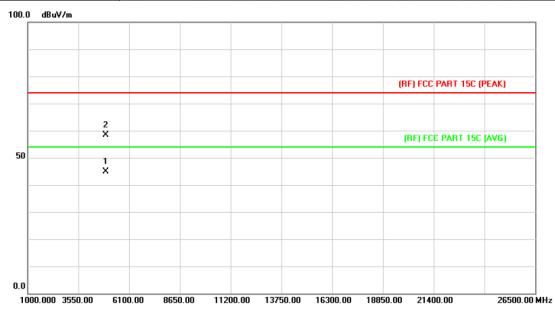


N	o. Mk	. Freq.	Reading Level		Measure- ment	Limit	O∨er	
		MHz	dBu∨	dB/m	dBuV/m	dBuV/m	dB	Detector
1		4873.643	43.43	13.86	57.29	74.00	-16.71	peak
2	*	4875.323	30.28	13.87	44.15	54.00	-9.85	AVG



Report No.: TB-FCC146380 Page: 37 of 93

EUT:	Nexersys Console	Model Name :	NXST22				
Temperature:	25 ℃	Relative Humidity:	55%				
Test Voltage:	AC 120V/60 Hz	AC 120V/60 Hz					
Ant. Pol.	Horizontal						
Test Mode:	TX G Mode 2462MHz						
Remark:	No report for the emission which more than 10 dB below the						
	prescribed limit.						



	No.	Mk.	Freq.	Reading Level		Measure- ment	Limit	Over	
			MHz	dBu∀	dB/m	dBuV/m	dBuV/m	dB	Detector
1		*	4924.009	30.63	14.15	44.78	54.00	-9.22	AVG
2)		4924.417	44.12	14.15	58.27	74.00	-15.73	peak



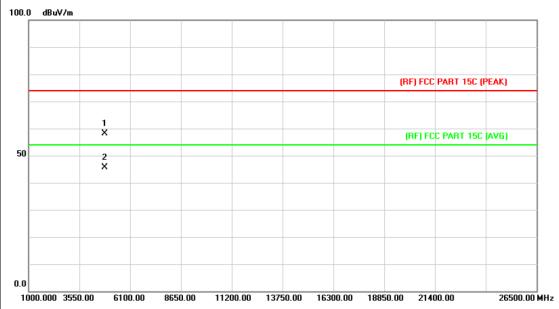
			N. M. I. C.
EUT:	Nexersys Console	Model Name :	NXST22
Temperature:	25 ℃	Relative Humidity:	55%
Test Voltage:	AC 120V/60 Hz		THE STATE OF THE S
Ant. Pol.	Vertical		
Test Mode:	TX G Mode 2462MHz		
Remark:	No report for the emiss prescribed limit.	ion which more than 10	dB below the



No	. Mk	. Freq.	Reading Level		Measure- ment	Limit	Over	
		MHz	dBu∀	dB/m	dBuV/m	dBuV/m	dB	Detector
1		4924.036	44.11	14.15	58.26	74.00	-15.74	peak
2	*	4924.606	29.70	14.15	43.85	54.00	-10.15	AVG



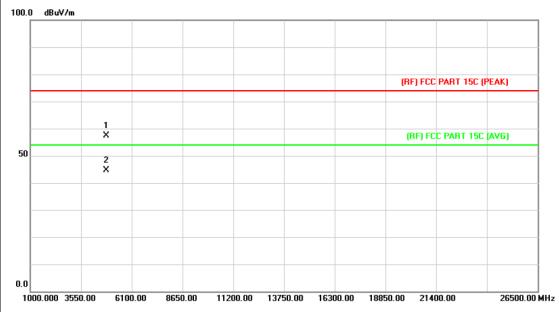
Nexersys Console	Model Name :	NXST22			
25 ℃	Relative Humidity:	55%			
AC 120V/60 Hz					
Horizontal					
TX N(HT20) Mode 2412N	ИНz				
No report for the emission prescribed limit.	n which more than 10 d	dB below the			
	25 ℃ AC 120V/60 Hz Horizontal TX N(HT20) Mode 2412N No report for the emission	25 °C Relative Humidity: AC 120V/60 Hz Horizontal TX N(HT20) Mode 2412MHz No report for the emission which more than 10 or			



N	o. Mk	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	
		MHz	dBu∀	dB/m	dBuV/m	dBuV/m	dB	Detector
1		4823.856	44.55	13.56	58.11	74.00	-15.89	peak
2	*	4823.988	32.05	13.56	45.61	54.00	-8.39	AVG



EUT:	Nexersys Console	Model Name :	NXST22			
Temperature:	25 ℃	Relative Humidity:	55%			
Test Voltage:	AC 120V/60 Hz	AC 120V/60 Hz				
Ant. Pol.	Vertical	Vertical				
Test Mode:	TX N(HT20) Mode 2412	2MHz				
Remark:	No report for the emission which more than 10 dB below the prescribed limit.					

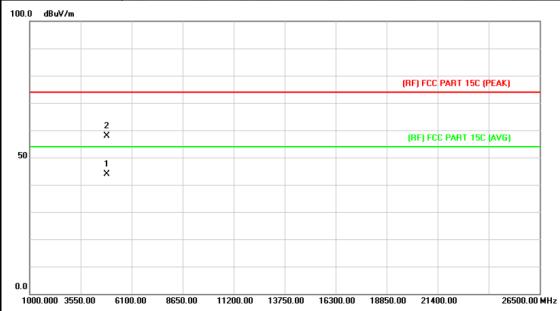


No	. Mk	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	
		MHz	dBu∀	dB/m	dBuV/m	dBuV/m	dB	Detector
1		4823.688	43.82	13.56	57.38	74.00	-16.62	peak
2	*	4823.970	30.97	13.56	44.53	54.00	-9.47	AVG



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EUT:	Nexersys Console	Model Name :	NXST22				
Temperature:	25 ℃	Relative Humidity:	55%				
Test Voltage:	AC 120V/60 Hz	AC 120V/60 Hz					
Ant. Pol.	Horizontal	Horizontal					
Test Mode:	TX N(HT20) Mode 2437	MHz	A VIII				
Remark:	No report for the emission which more than 10 dB below the prescribed limit.						

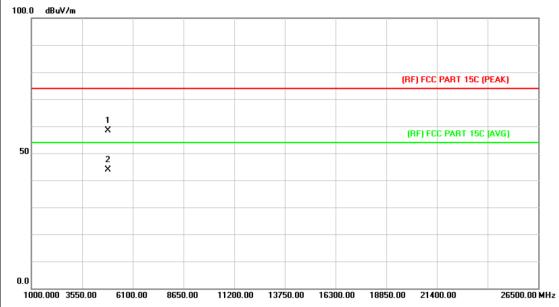


No	. Mk	. Freq.	Reading Level		Measure- ment	Limit	Over	
		MHz	dBu∨	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	4874.453	30.01	13.86	43.87	54.00	-10.13	AVG
2		4875.269	44.10	13.87	57.97	74.00	-16.03	peak



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EUT:	Nexersys Console	Model Name :	NXST22				
Temperature:	25 ℃	Relative Humidity:	55%				
Test Voltage:	AC 120V/60 Hz	AC 120V/60 Hz					
Ant. Pol.	Vertical	Vertical					
Test Mode:	TX N(HT20) Mode 2437N	ИНz					
Remark:	No report for the emission which more than 10 dB below the						
prescribed limit.							

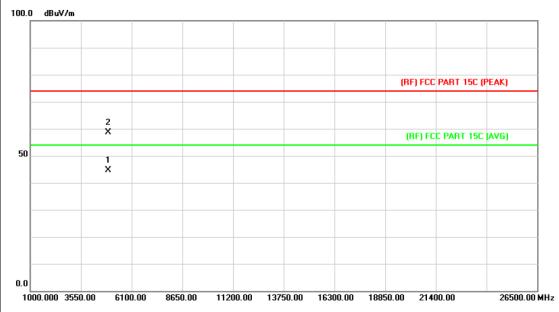


No.	. Mk	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	
		MHz	dBu∨	dB/m	dBuV/m	dBuV/m	dB	Detector
1		4874.834	44.54	13.86	58.40	74.00	-15.60	peak
2	*	4875.221	30.04	13.87	43.91	54.00	-10.09	AVG



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EUT:	Nexersys Console	Model Name :	NXST22			
Temperature:	25 ℃	Relative Humidity:	55%			
Test Voltage:	AC 120V/60 Hz	AC 120V/60 Hz				
Ant. Pol.	Horizontal	Horizontal				
Test Mode:	TX N(HT20) Mode 2462N	ИНz				
Remark:	No report for the emissio	No report for the emission which more than 10 dB below the				
	prescribed limit.					
1			<u>'</u>			

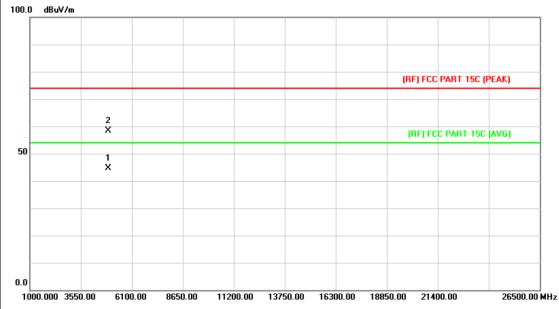


No	. Mk	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	
		MHz	dBu∨	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	4922.758	30.39	14.14	44.53	54.00	-9.47	AVG
2		4924.012	44.52	14.15	58.67	74.00	-15.33	peak



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EUT:	Nexersys Console	Model Name :	NXST22				
Temperature:	25 ℃	Relative Humidity:	55%				
Test Voltage:	AC 120V/60 Hz	AC 120V/60 Hz					
Ant. Pol.	Vertical	Vertical					
Test Mode:	TX N(HT20) Mode 2462N	ИНz	A VIVE				
Remark:	No report for the emission	No report for the emission which more than 10 dB below the					
	prescribed limit.						
İ							



No	. Mk	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	
		MHz	dBu∨	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	4922.977	30.38	14.14	44.52	54.00	-9.48	AVG
2		4924.459	44.30	14.15	58.45	74.00	-15.55	peak



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EUT:	Nexersys Console	Model Name :	NXST22			
Temperature:	25 ℃	Relative Humidity:	55%			
Test Voltage:	AC 120V/60 Hz					
Ant. Pol.	Horizontal	Horizontal				
Test Mode:	TX N(HT40) Mode 2422	MHz				
Remark:	No report for the emissio prescribed limit.	No report for the emission which more than 10 dB below the prescribed limit.				
400 0 ID III						



No	. Mk	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	
		MHz	dBu∀	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	4844.069	30.44	13.68	44.12	54.00	-9.88	AVG
2		4844.165	43.87	13.68	57.55	74.00	-16.45	peak



EUT:	Nexersys Console	Model Name :	NXST22		
Temperature:	25 ℃	Relative Humidity:	55%		
Test Voltage:	AC 120V/60 Hz		ans -		
Ant. Pol.	Vertical				
Test Mode:	TX N(HT40) Mode 242	22MHz	THE PERSON NAMED IN		
Remark:	No report for the emission which more than 10 dB below the prescribed limit.				

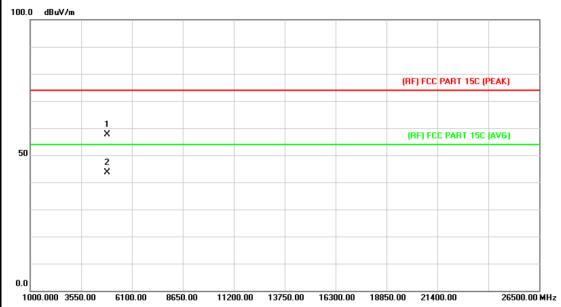


No.	. Mk.	Freq.	Reading Level		Measure- ment	Limit	Over	
		MHz	dBu∨	dB/m	dBuV/m	dBuV/m	dB	Detector
1		4843.412	43.26	13.68	56.94	74.00	-17.06	peak
2	*	4843.910	30.32	13.68	44.00	54.00	-10.00	AVG



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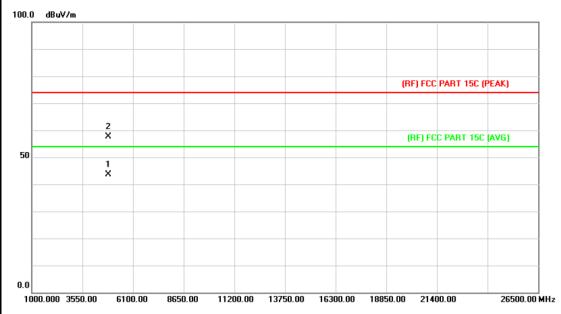
EUT:	Nexersys Console	Model Name :	NXST22				
Temperature:	25 ℃	Relative Humidity:	55%				
Test Voltage:	AC 120V/60 Hz	AC 120V/60 Hz					
Ant. Pol.	Horizontal	Horizontal					
Test Mode:	TX N(HT40) Mode 2437	MHz					
Remark:	No report for the emission	No report for the emission which more than 10 dB below the					
	prescribed limit.						



N	lo. M	lk. Freq.	Reading Level		Measure- ment	Limit	Over	
		MHz	dBu∀	dB/m	dBuV/m	dBuV/m	dB	Detector
1		4872.521	43.84	13.85	57.69	74.00	-16.31	peak
2	*	4875.260	29.78	13.87	43.65	54.00	-10.35	AVG



EUT:	Nexersys Console	Model Name :	NXST22				
Temperature:	25 ℃	Relative Humidity:	55%				
Test Voltage:	AC 120V/60 Hz	AC 120V/60 Hz					
Ant. Pol.	Vertical						
Test Mode:	TX N(HT40) Mode 2437N	ИНz					
Remark:	No report for the emission which more than 10 dB below the						
	prescribed limit.						

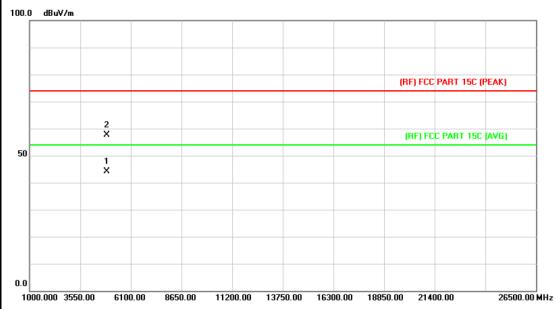


No	. Mk	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	
		MHz	dBu∀	dB/m	dBuV/m	dBuV/m	dB	Detector
1		4874.090	29.80	13.86	43.66	74.00	-30.34	peak
2	*	4874.117	43.88	13.86	57.74	74.00	-16.26	peak



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Nexersys Console	Model Name :	NXST22				
25 ℃	Relative Humidity:	55%				
AC 120V/60 Hz						
Horizontal						
TX N(HT40) Mode 2452N	ИНz					
No report for the emission which more than 10 dB below the						
	25 °C AC 120V/60 Hz Horizontal TX N(HT40) Mode 2452N	25 °C Relative Humidity: AC 120V/60 Hz Horizontal TX N(HT40) Mode 2452MHz No report for the emission which more than 10 or				

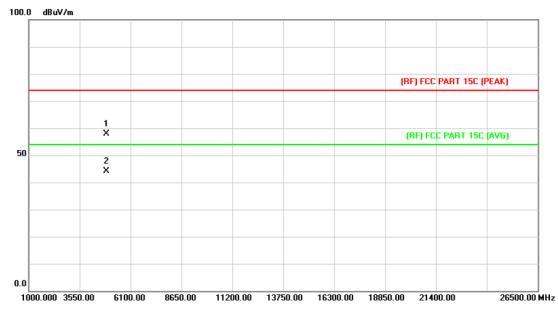


No.	Mk	Freq.	Reading Level		Measure- ment	Limit	Over	
		MHz	dBu∨	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	4903.157	30.02	14.03	44.05	54.00	-9.95	AVG
2		4903.898	43.68	14.03	57.71	74.00	-16.29	peak



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Nexersys Console	Model Name :	NXST22				
25 ℃	Relative Humidity:	55%				
AC 120V/60 Hz						
Vertical						
TX N(HT40) Mode 2452N	ИНz					
No report for the emission which more than 10 dB below the prescribed limit.						
	25 °C AC 120V/60 Hz Vertical TX N(HT40) Mode 2452N No report for the emission	Relative Humidity: AC 120V/60 Hz Vertical TX N(HT40) Mode 2452MHz No report for the emission which more than 10 or				



No	o. Mk	. Freq.	Reading Level		Measure- ment	Limit	O∨er	
		MHz	dBu∨	dB/m	dBuV/m	dBuV/m	dB	Detector
1		4904.246	43.76	14.03	57.79	74.00	-16.21	peak
2	*	4904.468	30.07	14.03	44.10	54.00	-9.90	AVG



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6. Restricted Bands Requirement

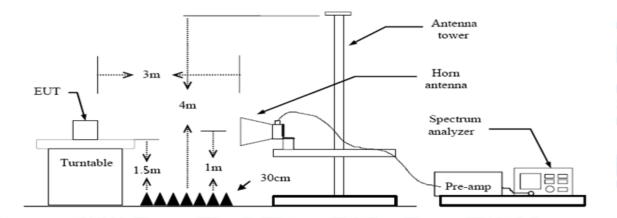
6.1 Test Standard and Limit

5.1.1 Test Standard FCC Part 15.209 FCC Part 15.205

5.1.2 Test Limit

Restricted Frequency	Class B (dBuV/m)(at 3 M)				
Band (MHz)	Peak	Average			
2310 ~2390	74	54			
2483.5 ~2500	74	54			

6.2 Test Setup



6.3 Test Procedure

- (1) The measuring distance of 3m shall be used for measurements at frequency up to 1GHz. The EUT was placed on a rotating 0.8m high above the ground, the table was rotated 360 degrees to determine the position of the highest radiation.
- (2) Measurements at frequency above 1GHz. The EUT was placed on a rotating 1.5m high above the ground. RF absorbers covered the ground plane with a minimum area of 3.0m by 3.0m between the EUT and measurement receiver antenna. The RF absorber shall not exceed 30cm in high above the conducting floor. The table was rotated 360 degrees to determine the position of the highest radiation.
- (3) The Test antenna shall vary between 1m and 4m, Both Horizontal and Vertical antenna are set to make measurement.
- (4) The initial step in collecting conducted emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured.
- (5) If the Peak Mode measured value compliance with and lower than Quasi Peak Mode Limit



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Bellow 1 GHz, the EUT shall be deemed to meet QP Limits and then no additional QP Mode measurement performed. But the Peak Value and average value both need to comply with applicable limit above 1 GHz.

- (6) Testing frequency range below 1GHz the measuring instrument use VBW=120 kHz with Quasi-peak detection.
- (7) Testing frequency range above 1GHz the measuring instrument use RBW=1 MHz and VBW=3 MHz with Peak Detector for Peak Values, and use RBW=1 MHz and VBW=10 Hz with Peak Detector for Average Values.
- (8) For the actual test configuration, please see the test setup photo.

6.4 EUT Operating Condition

The Equipment Under Test was set to Continual Transmitting in maximum power.

6.5 Test Data

Please see the next page.

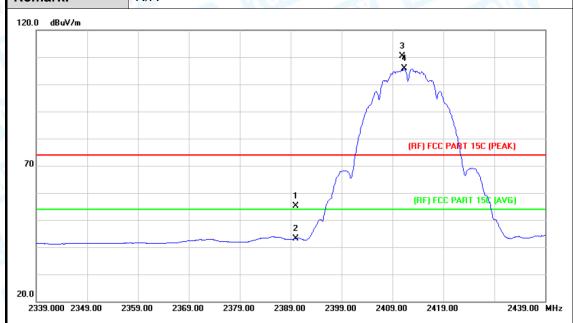


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(1) Radiation Test

EUT:	Nexersys Console	Model Name :	NXST22
Temperature:	25 ℃	Relative Humidity:	55%
Test Voltage:	AC 120V/60 Hz		
Ant. Pol.	Horizontal	COURSE OF THE PERSON OF THE PE	THU.
Test Mode:	TX B Mode 2412MHz		(1) T
Remark:	N/A		

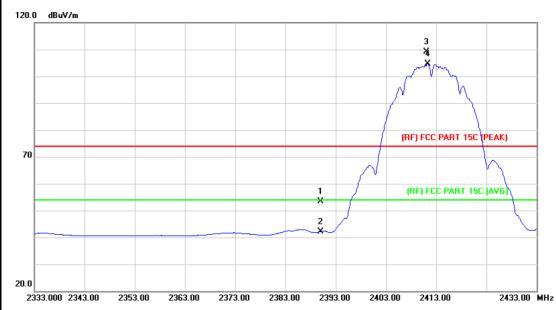


No	o. Mk	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	
		MHz	dBu∨	dB/m	dBuV/m	dBuV/m	dB	Detector
1		2390.000	54.43	0.77	55.20	74.00	-18.80	peak
2		2390.000	42.37	0.77	43.14	54.00	-10.86	AVG
3	Х	2410.900	109.53	0.86	110.39	Fundamental	Frequency	peak
4	*	2411.300	104.90	0.86	105.76	Fundamental	Frequency	AVG



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EUT:	Nexersys Console	Model Name :	NXST22
Temperature:	25 ℃	Relative Humidity:	55%
Test Voltage:	AC 120V/60 Hz		
Ant. Pol.	Vertical		
Test Mode:	TX B Mode 2412MHz		
Remark:	N/A		1:33



No	. Mk	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	
		MHz	dBu∀	dB/m	dBuV/m	dBuV/m	dB	Detector
1		2390.000	52.66	0.77	53.43	74.00	-20.57	peak
2		2390.000	41.42	0.77	42.19	54.00	-11.81	AVG
3	Χ	2411.000	108.33	0.86	109.19	Fundamental	Frequency	peak
4	*	2411.300	103.70	0.86	104.56	Fundamental	Frequency	AVG

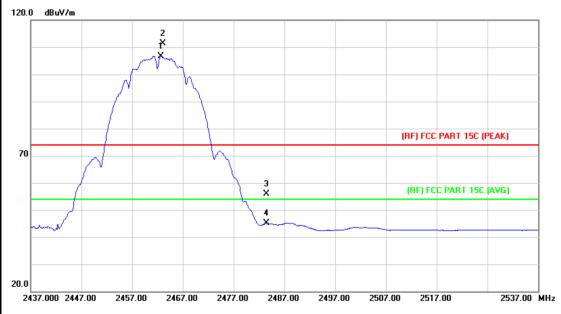




EUT:			Nex	Nexersys Console				Mo	Model Name :			NXST22			
Tempe	ratur	e:	25 °	С	100	11)	3	Re	lativ	e Hun	nidity	: 5	5%	19	
Test V	oltag	e:	AC 1	120V/	/60 Hz	Z		5				ATT.	1333		A
Ant. P	ol.		Hori	zonta	ıl		P.B					10		1	
Test M	lode:		TX E	3 Mod	de 246	62M	Hz		6	1117			2 1		
Remar	k:		N/A		ملاو		-6		18				13		1
120.0 d	BuV/m														_
70			N	2 * * *			3 X						PART 15C (PEA		
														2527.00	١,,
	00 2447	7.00 2	457.00	2467.	00 2	2477.00	0 248	37.00	2497	.00 2	507.00	2517.	.00	2537.00	MI
2437.0	00 2447 Mk.		457.00 eq.	Re	ading		Corre	ect	Mea	.00 2 asure- ent		2517. mit	[∞] O∨er	2537.00	MI
2437.0		. Fr		Re L	ading		Corre	ect tor	Mea m	asure	Li		Over	Det	
2437.0		. Fr	r eq .	Re L	adinç	g	Corre Fact	ect tor	Mea m	sure ent	Li	mit Bu∨/m	Over	Det	ect
2437.0 No.	Mk.	. Fr	eq. Hz	Re L	ading evel 1BuV	g	Corre Fact	ect tor	Mea m dB	asure ent uV/m	Li dE Fund	m it Bu∀/m amenta	Over	Det A	ect
No.	Mk.	. Fr MI 2462	eq. Hz 700	Re L	ading e∨el :Bu∀ 06.64	g	Corre Fact dB/m	ect tor 3	Mea m dB 10	asure ent uV/m 7.72	Li dE Fund	m it Bu∀/m amenta	Over dB	Det A	



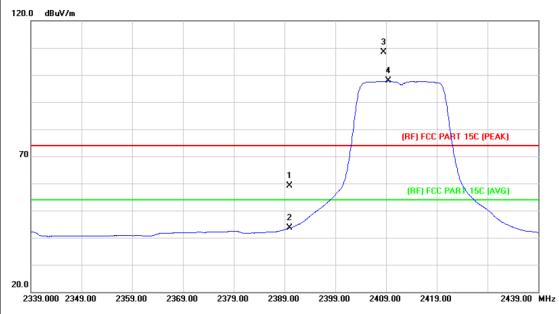
EUT:	Nexersys Console	Model Name :	NXST22
Temperature:	25 ℃	Relative Humidity:	55%
Test Voltage:	AC 120V/60 Hz	100 L	and the
Ant. Pol.	Vertical		
Test Mode:	TX B Mode 2462MHz		
Remark:	N/A		1:33



No	. Mk	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	O∨er	
		MHz	dBu∀	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	2462.700	105.64	1.08	106.72	Fundamental Frequency		AVG
2	Х	2463.100	110.33	1.08	111.41	Fundamental	Frequency	peak
3		2483.500	54.83	1.17	56.00	74.00	-18.00	peak
4		2483.500	43.90	1.17	45.07	54.00	-8.93	AVG

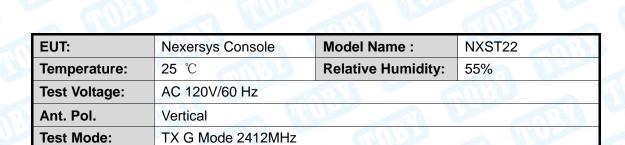


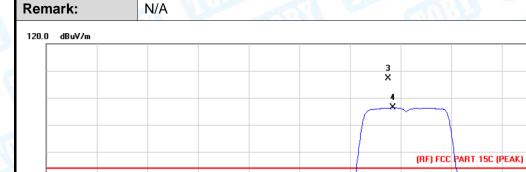
EUT:	Nexersys Console	Model Name :	NXST22
Temperature:	25 ℃	Relative Humidity:	55%
Test Voltage:	AC 120V/60 Hz		and a
Ant. Pol.	Horizontal		
Test Mode:	TX G Mode 2412MHz		
Remark:	N/A		1:33
120.0 40.47			



No	. Mk	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	O∨er	
		MHz	dBu∀	dB/m	dBuV/m	dBuV/m	dB	Detector
1		2390.000	58.29	0.77	59.06	74.00	-14.94	peak
2		2390.000	42.77	0.77	43.54	54.00	-10.46	AVG
3	Χ	2408.600	107.64	0.85	108.49	Fundamental I	Frequency	peak
4	*	2409.500	96.97	0.85	97.82	Fundamental I	Frequency	AVG







Remark:

										×			[(F	RF) FC	C PARI	Γ 15C (A	VG)	1
										2 X	/									_
20.0 23		0 2351	.00	236	1.00	237	1.00	2381	.00	2391	1.00	2401	.00	2411	.00	2421	.00		2441.00	MHz
						D.		in.=		~~~	-t	N/1								
١	۱o.	Mk.		Fred	٦.		ead eve	_		acto		Mea m	ent	e-	Lin	nit	C	over		

	No.	Mk.	Freq.	Level	Factor	m ent	Limit	Over	
			MHz	dBu∀	dB/m	dBuV/m	dBuV/m	dB	Detector
1	1		2390.000	57.95	0.77	58.72	74.00	-15.28	peak
2	2		2390.000	41.74	0.77	42.51	54.00	-11.49	AVG
3	3	Х	2408.500	106.24	0.85	107.09	Fundamental	Frequency	peak
	1	*	2409.500	95.61	0.85	96.46	Fundamental	Frequency	AVG



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EU1	Γ:		Nexe	ersys	Conso	le	Мо	del	Name	:	N.	XST22	1	
Ten	nperatu	re:	25 °	C		33	Re	lativ	e Hur	nidity:	55	5%	An	
Tes	t Voltag	je:	AC 1	20V/	60 Hz	A	6	A.		(M	1133		
Ant	. Pol.		Horiz	zontal		1/1/								3
Tes	t Mode:		TX C	Mod	le 2462	2MHz								
Ren	nark:		N/A	1/1	No.		3	1		61		13		3
120.0) dBuV/m													1
				2 X	i									
				1										
		1	-	×_	7									
		+ +			+									
					_\					(Dr) FCC F	PART 15C (PE	42)	
70										INI	J FLL F	ANT TOURE	AKJ	-
						3 X								
										(F	F) FCC	PART 15C (A	VG)	
	/					4 X								
20.0														
24	137.000 244	17.00 2	457.00	2467.0	00 247	7.00 248	7.00	249	7.00	2507.00	2517.0	00	2537.00	MHz
		_			ding	Correc			ısur e		:1	O		
	lo. Mk				vel	Facto	or		ent	Lim		Over		
		MH	łz	dE	Bu∨	dB/m		dB	uV/m	dBu	V/m	dB	Detec	tor
1	*	2466.	100	98	.72	1.09		99	9.81	Funda	menta	l Frequency	AV	G
2	Х	2468.	200	109	9.21	1.11		11	0.32	Funda	menta	l Frequency	pea	ak
3		2483.	500	61	.24	1.17		62	2.41	74.	00	-11.59	pea	ak

Emission Level= Read Level+ Correct Factor

45.72

1.17

46.89

2483.500

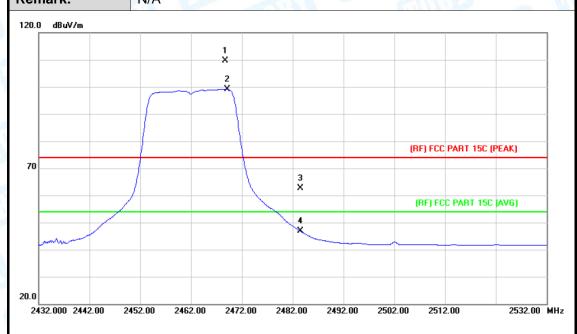
-7.11

54.00

AVG



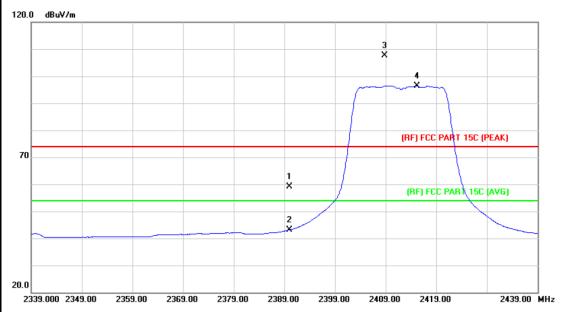
EUT: Nexersys Console **Model Name:** NXST22 Temperature: **25** ℃ **Relative Humidity:** 55% AC 120V/60 Hz **Test Voltage:** Ant. Pol. Vertical **Test Mode:** TX G Mode 2462MHz Remark: N/A



No	o. Mk	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	
		MHz	dBu∨	dB/m	dBuV/m	dBuV/m	dB	Detector
1	Χ	2468.700	108.52	1.11	109.63	Fundamental	Frequency	peak
2	*	2469.100	97.98	1.11	99.09	Fundamental	Frequency	AVG
3		2483.500	61.37	1.17	62.54	74.00	-11.46	peak
4		2483.500	45.67	1.17	46.84	54.00	-7.16	AVG



EUT:		Nexersys Console	Model Name :	NXST22					
Tempera	ture:	25 ℃	Relative Humidity:	55%					
Test Volt	age:	AC 120V/60 Hz							
Ant. Pol.		Horizontal							
Test Mod	le:	TX N(HT20) Mode 2412N	ИНz						
Remark:		N/A		1:33					
		1							

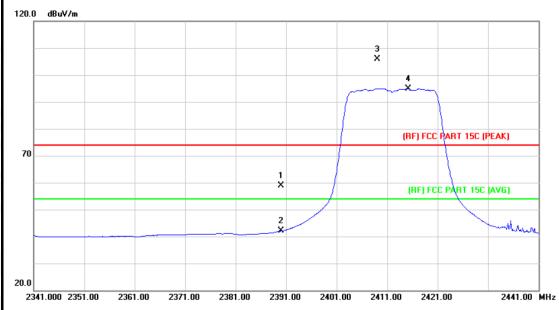


No.	Mk	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	O∨er	
		MHz	dBu∀	dB/m	dBuV/m	dBuV/m	dB	Detector
1		2390.000	58.37	0.77	59.14	74.00	-14.86	peak
2		2390.000	42.36	0.77	43.13	54.00	-10.87	AVG
3	Χ	2408.800	106.89	0.85	107.74	Fundamental	Frequency	peak
4	*	2415.200	95.59	0.88	96.47	Fundamental	Frequency	AVG



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EUT:	Nexersys Console	Model Name :	NXST22					
Temperature:	25 ℃	Relative Humidity:	55%					
Test Voltage:	AC 120V/60 Hz							
Ant. Pol.	Vertical							
Test Mode:	TX N(HT20) Mode 2412N	ИHz						
Remark:	N/A		1:33					



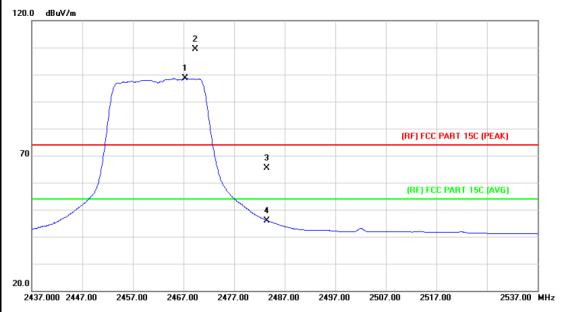
No.	Mk	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	O∨er	
		MHz	dBu∀	dB/m	dBuV/m	dBuV/m	dB	Detector
1		2390.000	58.07	0.77	58.84	74.00	-15.16	peak
2		2390.000	41.24	0.77	42.01	54.00	-11.99	AVG
3	Х	2409.000	105.14	0.85	105.99	Fundamenta	l Frequency	peak
4	*	2415.200	94.07	0.88	94.95	Fundamental	Frequency	AVG



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EUT:	Nexersys Console	Model Name :	NXST22					
Temperature:	25 ℃	Relative Humidity:	55%					
Test Voltage:	AC 120V/60 Hz							
Ant. Pol.	Horizontal	Horizontal						
Test Mode:	TX N(HT20) Mode 2462	MHz						
Remark:	N/A							
120.0 dBuV/m								
4 1								



No	. Mk	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	O∨er	
		MHz	dBu∀	dB/m	dBuV/m	dBuV/m	dB	Detector
1	*	2467.300	97.48	1.10	98.58	Fundamenta	I Frequency	AVG
2	Χ	2469.300	108.33	1.11	109.44	Fundamenta	l Frequency	peak
3		2483.500	64.30	1.17	65.47	74.00	-8.53	peak
4		2483.500	44.80	1.17	45.97	54.00	-8.03	AVG



EUT: Nexersys Console Model Name: NXST22

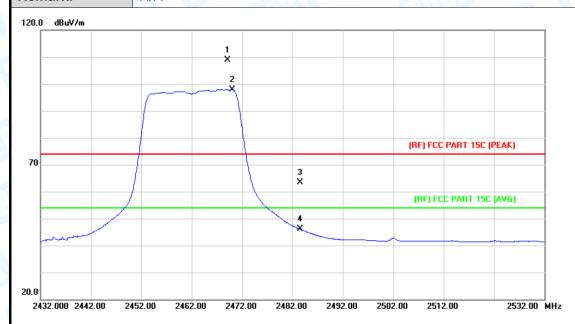
Temperature: 25 ℃ Relative Humidity: 55%

Test Voltage: AC 120V/60 Hz

Ant. Pol. Vertical

Test Mode: TX N(HT20) Mode 2462MHz

Remark: N/A



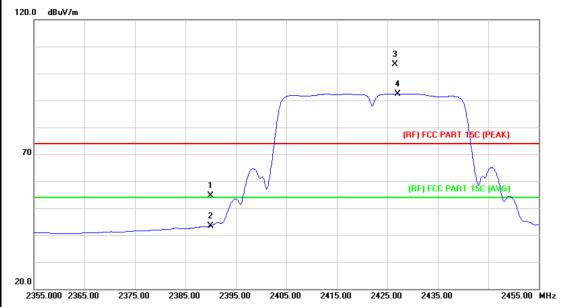
No	o. Mk	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	O∨er	
		MHz	dBu∨	dB/m	dBuV/m	dBuV/m	dB	Detector
1	Х	2469.100	107.67	1.11	108.78	Fundamental F	requency	peak
2	*	2470.000	96.87	1.11	97.98	Fundamental F	requency	AVG
3		2483.500	62.31	1.17	63.48	74.00	-10.52	peak
4		2483.500	44.86	1.17	46.03	54.00	-7.97	AVG



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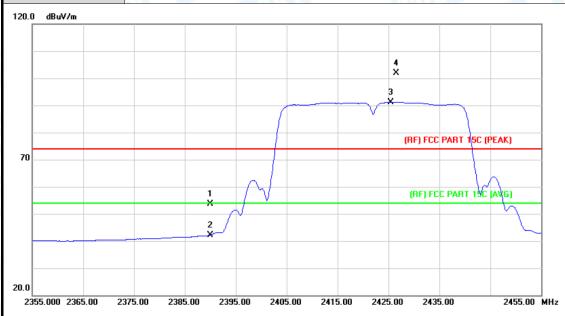
EUT:	Nexersys Console	Model Name :	NXST22					
Temperature:	25 ℃	Relative Humidity:	55%					
Test Voltage:	AC 120V/60 Hz							
Ant. Pol.	Horizontal	Horizontal						
Test Mode:	TX N(HT40) Mode 2422MHz							
Remark:	Remark: N/A							



No	. Mk	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over	
		MHz	dBu∨	dB/m	dBuV/m	dBuV/m	dB	Detector
1		2390.000	53.82	0.77	54.59	74.00	-19.41	peak
2		2390.000	42.54	0.77	43.31	54.00	-10.69	AVG
3	Χ	2426.500	102.33	0.93	103.26	Fundamental Frequency		peak
4	*	2427.100	91.52	0.93	92.45	Fundamental I	Frequency	AVG



A HILL								
EUT:	Nexersys Console	Model Name :	NXST22					
Temperature:	25 °C Relative Humidity: 55%							
Test Voltage:	AC 120V/60 Hz							
Ant. Pol.	Vertical	Vertical						
Test Mode:	TX N(HT40) Mode 2422	TX N(HT40) Mode 2422MHz						
Remark:	N/A		[:33					
120.0 dBuV/m								



N	o. Mk	. Freq.	Reading Level	Correct Factor	Measure- ment	Limit	O∨er	
		MHz	dBu∀	dB/m	dBuV/m	dBuV/m	dB	Detector
1		2390.000	52.96	0.77	53.73	74.00	-20.27	peak
2		2390.000	41.38	0.77	42.15	54.00	-11.85	AVG
3	*	2425.500	90.24	0.93	91.17	Fundamental	Frequency	AVG
4	Х	2426.600	100.98	0.93	101.91	Fundamental	Frequency	peak





EUT:			Nexe	ersys C	onsol	е	Мо	del I	Name :		NXST22		
Гетре	ratur	e:	25 °C Relative Humic					idity:	55%	18			
Test Vo	oltag	e:	AC 1	20V/60) Hz		(7)	N	1000	(m	TI DE		A.
Ant. Po	ol.		Horiz	zontal		P. P.			-50	1 6			
Test M	est Mode: TX N(HT40) Mode 2452MHz				Mark Street								
Remar	k:		N/A	A)		1		18			:NB		(i
120.0 d	BuV/m												_
70					V	1 X	2 X	M	3 X		C PART 15C (PE		
	<i></i>								*_				
2417 0	00 2427	7 NN 2	437.00	2447.00	2457	7.00 2467	7 NN	2477	00 24	27.00	97.00	2517.00	MH:
										87.UU 243			
										87.00 249			
No.	Mk.	Fre	eq.	Read Lev	_	Correc	et l'	Vlea	sure-	Limit	Over		
No.	Mk.	Fre			el		et l'	Vlea m	sure-			Dete	ctor
No.	Mk.		- Hz	Lev	el V	Facto	et l'	Mea me	sure- ent	Limit dBuV/n			
		MH	dz .300	Lev dBu	rel	Facto dB/m	et l'	Vlea m∈ dBt	sure- ent	Limit dBuV/n	n dB	, pe	ak
1	Х	мн 2461 .	.300 .000	dBu 103.	el ⊂ ∨ 78 16	Factor dB/m 1.07	et l'	Mea me dBt 104	sure- ent uV/m 4.85	Limit dBuV/n	n dB ntal Frequency	, pe , AV	ak ′G



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EUT: Ne			Nexersys Console Mo			odel Name :			NXST22					
Temp	eratu	re:	25 °C	25 ℃ Rel				elative Humidity: 55%		%	6			
Test \	/oltag	je:	AC 1	20V/6	0 Hz					6		133		A.
Ant. F	Pol.		Verti	cal		P. B.								
Test Mode:			TXN	TX N(HT40) Mode 2452MHz										
Rema	ırk:		N/A	W		1		17		6.1	113	3		1
120.0	dBuV/m													_
						1 X								
							2 X							1
		1			$\sqrt{}$									1
		+								(BF	FCC PA	RT 15C (PEA	K)	-
70													•	
		M						V	3 X					
-	$\overline{}$	/ 							1	(R	F) FCC F	ART 15C (AV	G)	+
	كسو								×					
														1
20.0 2417.	.000 242	7.00 2	437.00	2447.00	2457	7.00 246	7.00	2477	.00 24	87.00	2497.00	D	2517.00	_ MH
				Read	dina	Corre	ct	Mea	sure-					
No	. Mk	. Fr	eq.	Lev	_	Fact			ent	Lim	it	Over		
		MH	Hz	dBu	ıV	dB/m		dB	uV/m	dBu	V/m	dB	Dete	ecto
1	Х	2461.	.100	103	.25	1.06		10	4.31	Funda	mental	Frequency	рe	ak
	*	2468.	.000	92.	77	1.11		93	3.88			Frequency		٧G
2		2483		58.	01	1.17			9.18		.00	-14.82		
3												7.50		
		2483.	.500	45.3	31	1.17		46	3.48	54	.00	-7.52		٧G

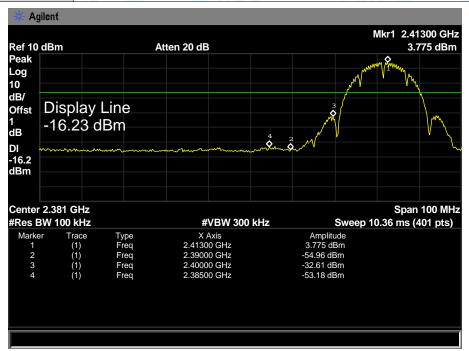


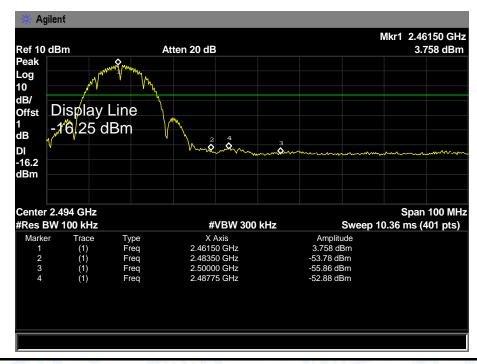


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(2) Conducted Test

EUT:	Nexersys Console	Model Name :	NXST22					
Temperature:	25 ℃	Relative Humidity:	55%					
Test Voltage:	AC 120V/60 Hz	AC 120V/60 Hz						
Test Mode:	TX B Mode 2412MHz / TX B Mode 2462MHz							
Remark:	The EUT is programed in	The EUT is programed in continuously transmitting mode						



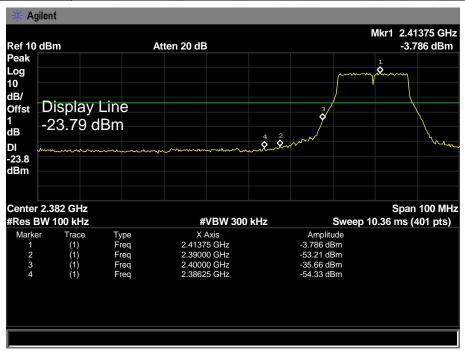


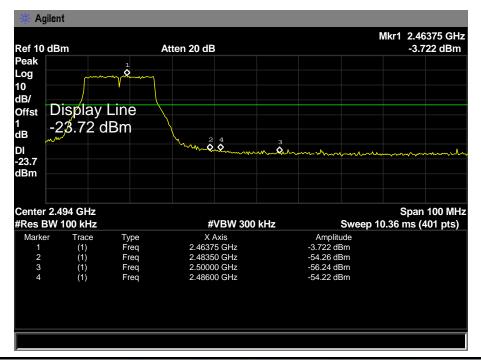




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EUT:	Nexersys Console	Model Name :	NXST22				
Temperature:	25 ℃ Relative Humidity: 55%						
Test Voltage:	AC 120V/60 Hz						
Test Mode:	TX G Mode 2412MHz / TX G Mode 2462MHz						
Remark:	The EUT is programed in	continuously transmitt	ing mode				



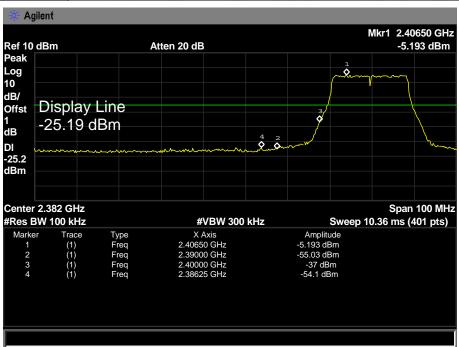


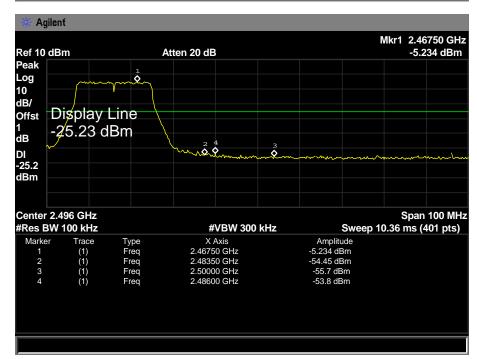




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EUT:	Nexersys Console	Model Name :	NXST22					
Temperature:	25 °C Relative Humidity: 55%							
Test Voltage:	AC 120V/60 Hz							
Test Mode:	TX N(HT20) Mode 2412MHz / TX N(HT20) Mode 2462MHz							
Remark:	The EUT is programed in	The EUT is programed in continuously transmitting mode						



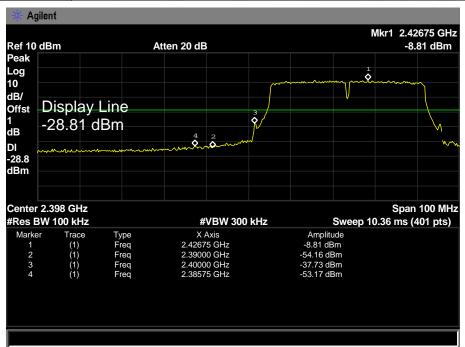


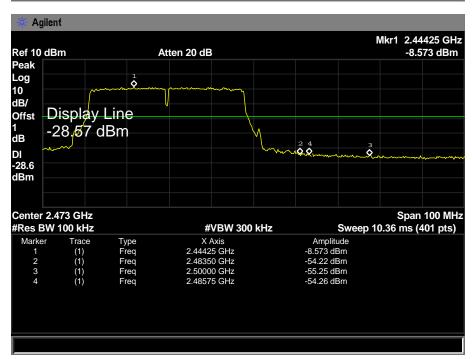




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EUT:	Nexersys Console	Model Name :	NXST22				
Temperature:	25 ℃ Relative Humidity: 55%						
Test Voltage:	AC 120V/60 Hz						
Test Mode:	TX N(HT40) Mode 2422MHz / TX N(HT40) Mode 2452MHz						
Remark:	The EUT is programed in	continuously transmitt	ing mode				







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7. Bandwidth Test

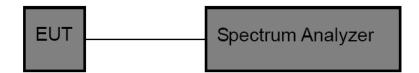
7.1 Test Standard and Limit

7.1.1 Test Standard FCC Part 15.247 (a)(2)

7.1.2 Test Limit

FCC Part 15 Subpart C(15.247)/ RSS 247 Issue 1						
Test Item	Test Item Limit Frequency Range(MHz)					
Bandwidth	>=500 KHz (6dB bandwidth)	2400~2483.5				

7.2 Test Setup



7.3 Test Procedure

- (1) The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram above.
- (2) The bandwidth is measured at an amplitude level reduced 6dB from the reference level. The reference level is the level of the highest amplitude signal observed from the transmitter at the fundamental frequency. Once the reference level is established, the equipment is conditioned with typical modulating signal to produce the worst –case (i.e the widest) bandwidth.
- (3)Measure the channel separation the spectrum analyzer was set to Resolution Bandwidth:100 kHz, and Video Bandwidth:300 kHz, Detector: Peak, Sweep Time set auto.

7.4 EUT Operating Condition

The EUT was set to continuously transmitting in each mode and low, Midle and high channel for the test.

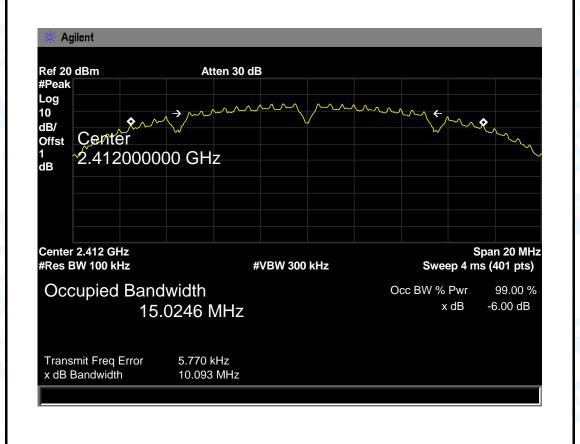


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7.5 Test Data

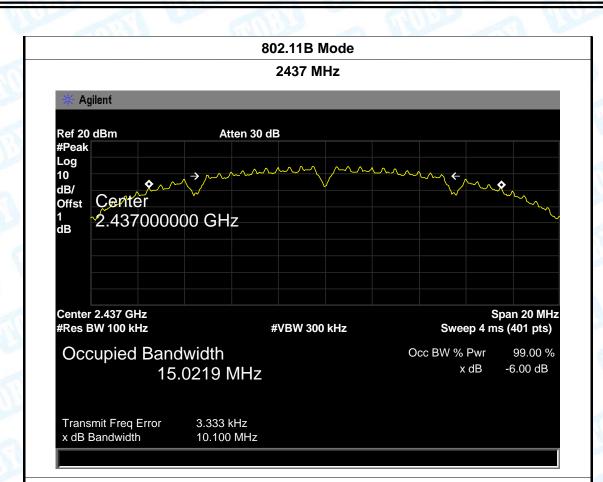
EUT:	Nexersys Console	Model Name :	NXST22		
Temperature:	25 ℃	Relative Humidity:	55%		
Test Voltage:	AC 120V/60 Hz				
Test Mode:	TX 802.11B Mode				
Channel frequen	cy 6dB Bandwidth	99% Bandwidth	Limit		
(MHz)	(MHz)	(MHz)	(MHz)		
2412	10.093	15.0246			
2437	2437 10.100		>=0.5		
2462	10.088	15.0098			

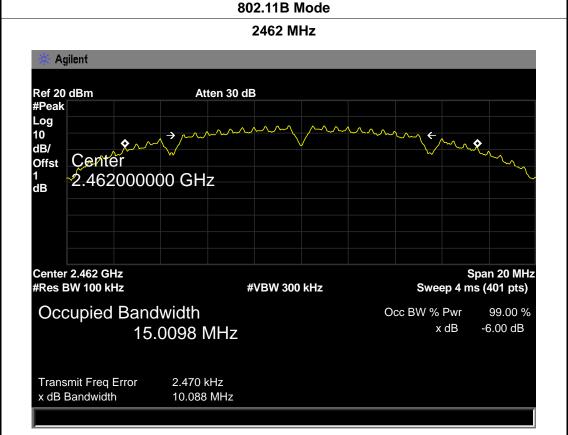
802.11B Mode





Report No.: TB-FCC146380 Page: 75 of 93



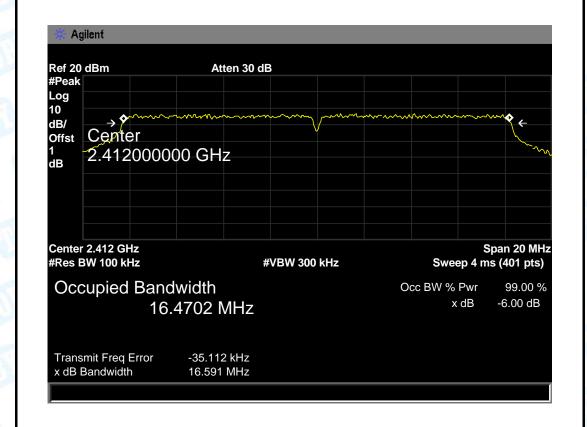




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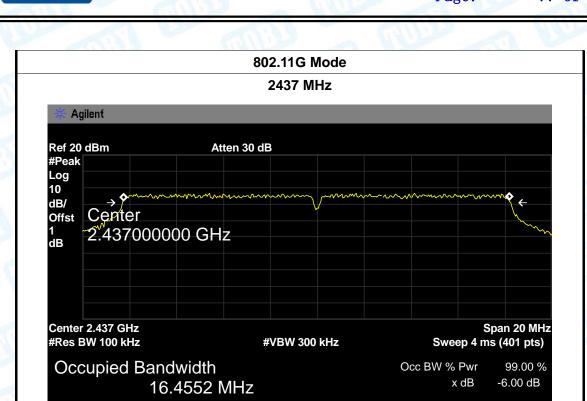


EUT:	Nexersys Console	Model Name :	NXST22		
Temperature:	25 ℃	Relative Humidity:	55%		
Test Voltage:	AC 120V/60 Hz	UL TO THE REAL PROPERTY OF THE PERTY OF THE			
Test Mode:	TX 802.11G Mode				
Channel frequen	cy 6dB Bandwidth	99% Bandwidth	Limit		
(MHz)	(MHz)	(MHz)	(MHz)		
2412	16.591	16.4702			
2437	2437 16.579		>=0.5		
2462	16.566	16.4547			
	802.11	G Mode	•		





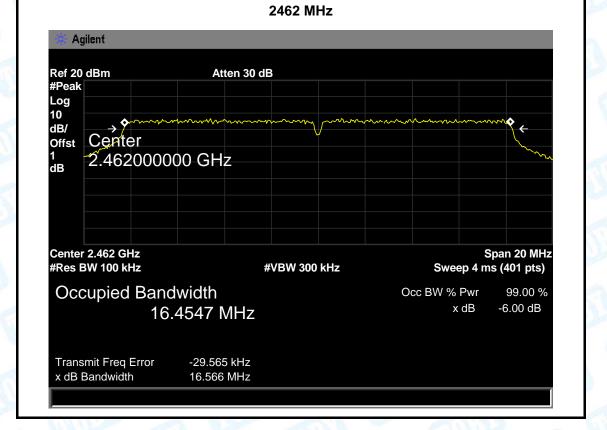
Report No.: TB-FCC146380 Page: 77 of 93



Transmit Freq Error x dB Bandwidth

-34.802 kHz

16.579 MHz 802.11G Mode



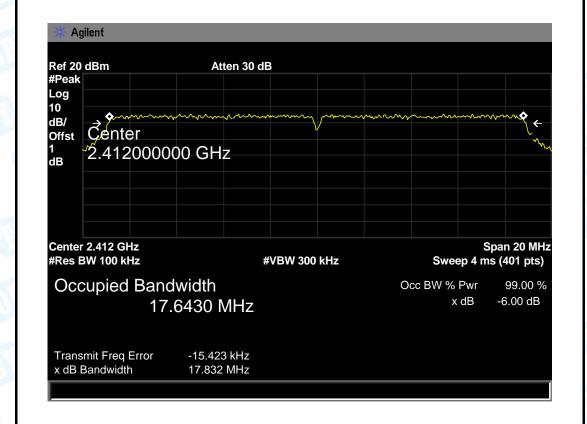


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EUT:	Nexersys Console	Model Name :	NXST22		
Temperature:	25 ℃	Relative Humidity:	55%		
Test Voltage:	AC 120V/60 Hz	The same of the sa			
Test Mode:	TX 802.11N(HT20) Mode				
Channel frequen	cy 6dB Bandwidth	99% Bandwidth	Limit		
(MHz)	(MHz)	(MHz)	(MHz)		
2412	17.832	17.6430			
2437	17.836	17.6604	>=0.5		
2462	17.832	17.6535			
	802.11N(F	IT20) Mode	1		

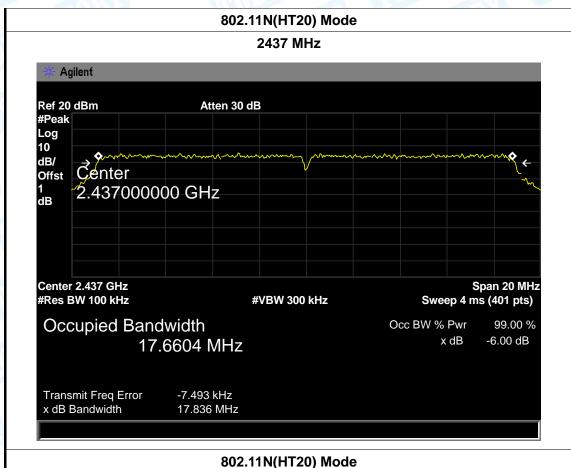
2.11N(H12U) WO





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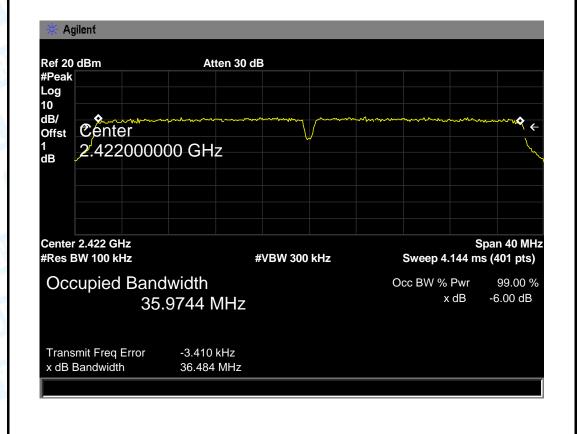
2462 MHz Agilent Ref 20 dBm Atten 30 dB #Peak Log 10 dB/ Çenter Offst 1 dB 2.462000000 GHz Center 2.462 GHz Span 20 MHz #Res BW 100 kHz **#VBW 300 kHz** Sweep 4 ms (401 pts) Occupied Bandwidth Occ BW % Pwr 99.00 % x dB -6.00 dB 17.6535 MHz Transmit Freq Error -10.263 kHz x dB Bandwidth 17.832 MHz



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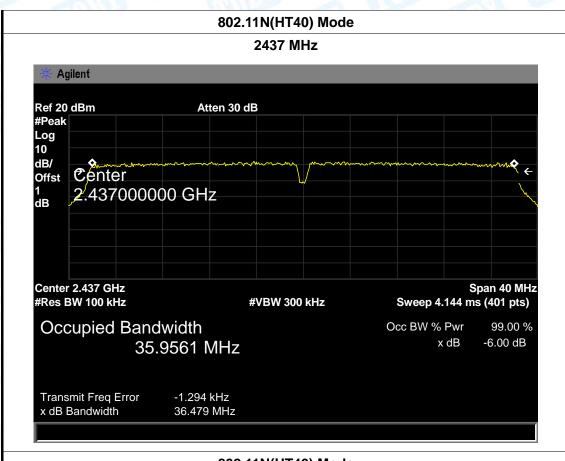
EUT:	Nexersys Console	Model Name :	NXST22		
Temperature:	25 ℃	Relative Humidity:	55%		
Test Voltage:	AC 120V/60 Hz	101 T			
Test Mode:	TX 802.11N(HT40) Mode				
Channel frequence	y 6dB Bandwidth	99% Bandwidth	Limit		
(MHz)	(MHz)	(MHz)	(MHz)		
2422	36.484	35.9744			
2437	2437 36.479		>=0.5		
2452	36.478	35.9788			
	802.11N(H	T40) Mode			







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802.11N(HT40) Mode 2452 MHz Agilent Ref 20 dBm Atten 30 dB #Peak Log 10 dB/ Center Offst 1 dB 2.452000000 GHz Center 2.452 GHz Span 40 MHz #Res BW 100 kHz Sweep 4.144 ms (401 pts) **#VBW 300 kHz** Occupied Bandwidth Occ BW % Pwr 99.00 % -6.00 dB 35.9788 MHz x dB Transmit Freq Error 9.979 kHz x dB Bandwidth 36.478 MHz



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8. Peak Output Power Test

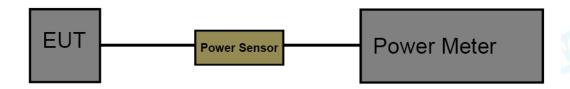
8.1 Test Standard and Limit

8.1.1 Test Standard FCC Part 15.247 (b)

8.1.2 Test Limit

FCC Part 15 Subpart C(15.247)/ RSS 247 Issue 1					
Test Item Limit Frequency Range(MHz)					
Peak Output Power	1 Watt or 30 dBm	2400~2483.5			

8.2 Test Setup



8.3 Test Procedure

The measurement is according to section 9.1.2 of KDB 558074 D01 DTS Meas Guidance v03r03.

The EUT was connected to RF power meter via a broadband power sensor as show the block above. The power sensor video bandwidth is greater than or equal to the DTS bandwidth of the equipment.

8.4 EUT Operating Condition

The EUT was set to continuously transmitting in the max power during the test.



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8.5 Test Data

EUT:	Nexersys Console	Model Name :	NXST22	
Temperature:	25 ℃	Relative Humidity:	55%	
Test Voltage:	AC 120V/60 Hz		CIN'S	
Mode	Channel frequency (MHz)	Test Result (dBm)	Limit (dBm)	
	2412	18.30		
802.11b	2437	18.60		
	2462	18.44		
	2412	16.68	20	
802.11g	2437	16.63		
	2462	16.52		
000 44	2412	15.58	30	
802.11n	2437	15.84		
(HT20)	2462	15.81		
000 44	2422	12.73		
802.11n	2437	12.82		
(HT40)	2452	12.84		



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9. Power Spectral Density Test

9.1 Test Standard and Limit

9.1.1 Test Standard FCC Part 15.247 (e)

9.1.2 Test Limit

FCC Part 15 Subpart C(15.247)				
Test Item Limit Frequency Range(MHz)				
Power Spectral Density	8dBm(in any 3 kHz)	2400~2483.5		

9.2 Test Setup



9.3 Test Procedure

The EUT was directly connected to the Spectrum Analyzer and antenna output port as show in the block diagram above. The measurement according to section 10.2 of KDB 558074 D01 DTS Meas Guidance v03r03.

- (1) The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram above.
- (2) Set analyser center frequency to DTS channel center frequency.
- (3) Set the span to 1.5 times the DTS bandwidth.
- (4) Set the RBW to: 3 kHz(5) Set the VBW to: 10 kHz
- (6) Detector: peak(7) Sweep time: auto
- (8) Allow trace to fully stabilize. Then use the peak marker function to determine the maximum amplitude level.

9.4 EUT Operating Condition

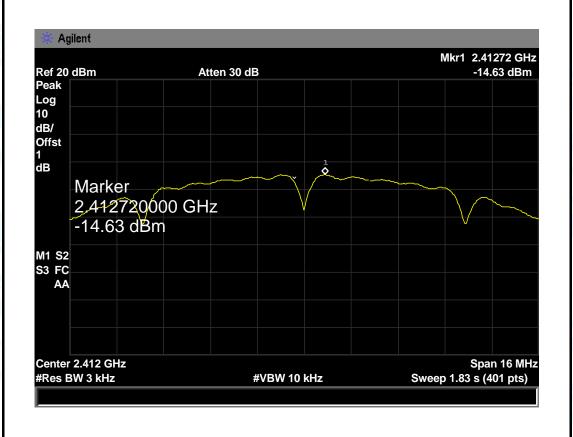
The EUT was set to continuously transmitting in each mode and low, Midle and high channel for the test.



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9.5 Test Data

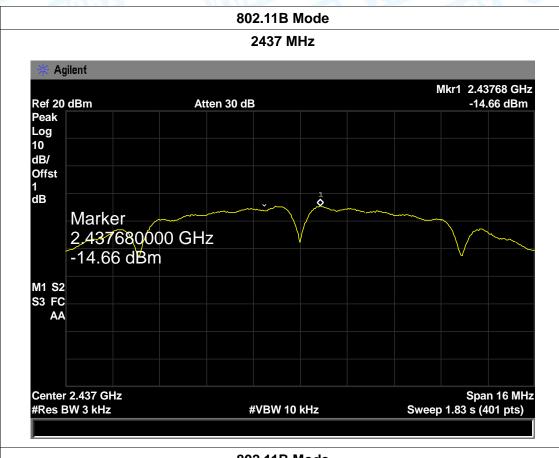
EUT:	Nexersys	Console	Model Name :	NXST22
Temperature:	25 ℃		Relative Humidity:	55%
Test Voltage:	AC 120V/60 Hz			CALL PARTY
Test Mode:	TX 802.11B Mode			
Channel Freq	uency	Power Density		Limit (dBm)
(MHz)		(3 kH	z/dBm)	
2412		-1	4.63	
2437		-14.66		8
2462		-1	4.52	
802.11B Mode				







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UT:	Nexersys (Nexersys Console Model		NXST22	
emperature:	25 ℃	CHID.	Relative Humidity	: 55%	
Test Voltage:	AC 120V/6	AC 120V/60 Hz			
est Mode:	TX 802.110	G Mode	W. Committee		
Channel Fre	quency	Powe	Limit (dBm)		
(MHz))	(3 k	Hz/dBm)		
2412		-	17.86		
2437		-	17.66	8	
2462		-	17.67		
	"	802.1	11G Mode		
		24	12 MHz		
				Mkr1 2.4110625 GHz	
* Agilent					
Ref 20 dRm		Atten 30 dB		Mkr1 2.4110625 GHz	
Ref 20 dBm Peak		Atten 30 dB		Mkr1 2.4110625 GHz -17.86 dBm	
		Atten 30 dB			
Peak Log 10 dB/		Atten 30 dB			
Peak Log 10 dB/ Offst		Atten 30 dB			
Peak Log 10 dB/ Offst 1				-17.86 dBm	
Peak Log 10 dB/ Offst 1			N MWWWWWW	-17.86 dBm	
Peak Log 10 dB/ Offst 1 dB Mark 2.411	er ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		N MMMM	-17.86 dBm	
Peak Log 10 dB/ Offst 1 dB Mark 2.411 -17.8	er ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			-17.86 dBm	
Peak Log 10 dB/ Offst 1 dB Mark 2.411	er ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		~ N	-17.86 dBm	

#VBW 10 kHz

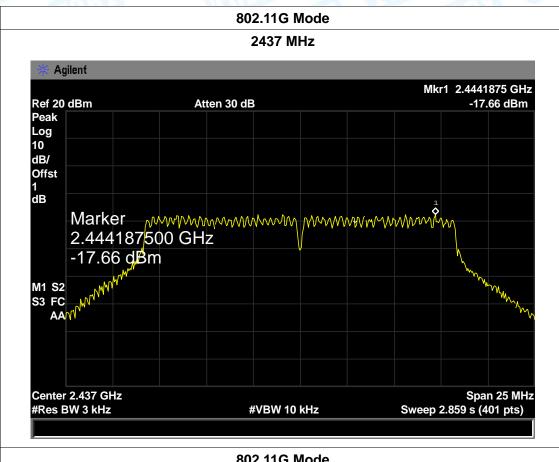
Center 2.412 GHz #Res BW 3 kHz

Span 25 MHz Sweep 2.859 s (401 pts)





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802.11G Mode 2462 MHz Agilent Mkr1 2.4691875 GHz Ref 20 dBm -17.67 dBm Atten 30 dB Peak Log 10 dB/ Offst 1 dB 2.469187500 GHz -17.67 dBm M1 S2 S3 FC **MAA** Center 2.462 GHz Span 25 MHz #Res BW 3 kHz #VBW 10 kHz Sweep 2.859 s (401 pts)



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M1 S2 S3 FC AA

Center 2.412 GHz #Res BW 3 kHz

IT:	Nexersys	Console	Model Na	ame :	NXST22
mperature:	25 ℃	25 ℃		Humidity:	55%
st Voltage:	AC 120V/	AC 120V/60 Hz			antibe -
st Mode:	TX 802.1	TX 802.11N(HT20) Mode			
Channel Free	quency	Powe	r Density		Limit (dBm)
(MHz)		(3 kl	Hz/dBm)		
2412		-	18.58		
2437		-	18.75		8
2462			17.99		
		802.11N	HT20) Mode	<u> </u>	
			2 MHz		
Agilent			-		
		24	-		Mkr1 2.4098400 GHz -18.58 dBm
Ref 20 dBm Peak			-		Mkr1 2.4098400 GHz -18.58 dBm
Ref 20 dBm Peak Log 10		24	-		
Ref 20 dBm Peak Log 10 dB/		24	-		
Ref 20 dBm Peak Log 10 dB/ Offst		Atten 30 dB	2 MHz		-18.58 dBm
Ref 20 dBm Peak Log 10 dB/ Offst 1	er <u>www</u>	24	2 MHz		-18.58 dE

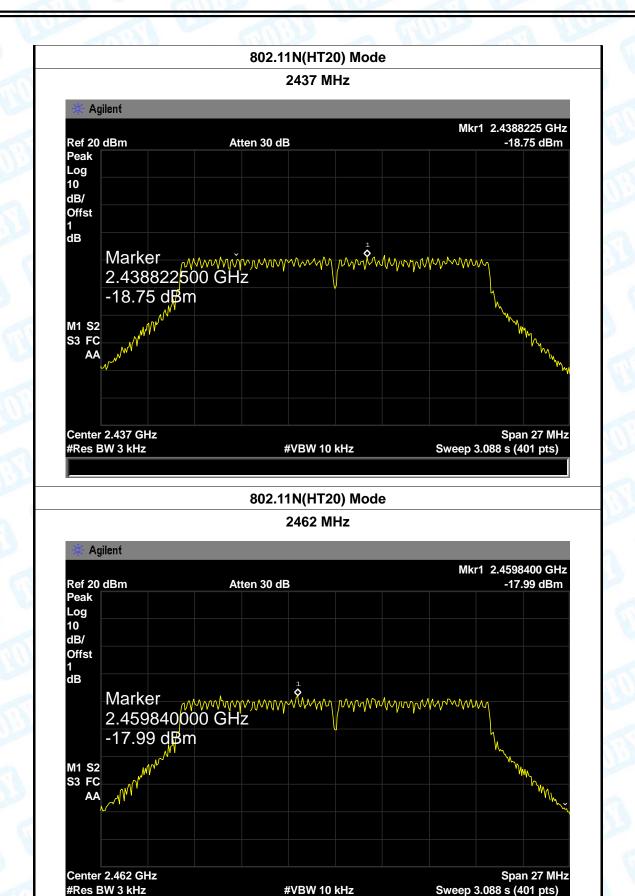
#VBW 10 kHz

Span 27 MHz Sweep 3.088 s (401 pts)





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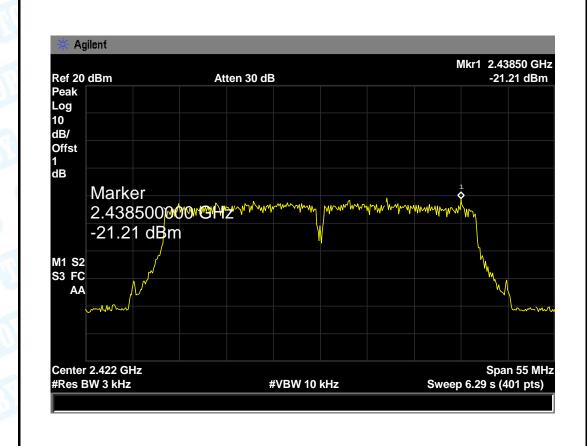
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			CALL S
EUT:	Nexersys Console	Model Name :	NXST22
Temperature:	25 ℃	Relative Humidity:	55%
Test Voltage:	AC 120V/60 Hz	al V	

TX 802.11N(HT40) Mode **Test Mode:**

Channel Frequency	Power Density	Limit (dBm)
(MHz)	(3 kHz/dBm)	
2422	-21.21	
2437	-21.67	8
2452	-21.41	

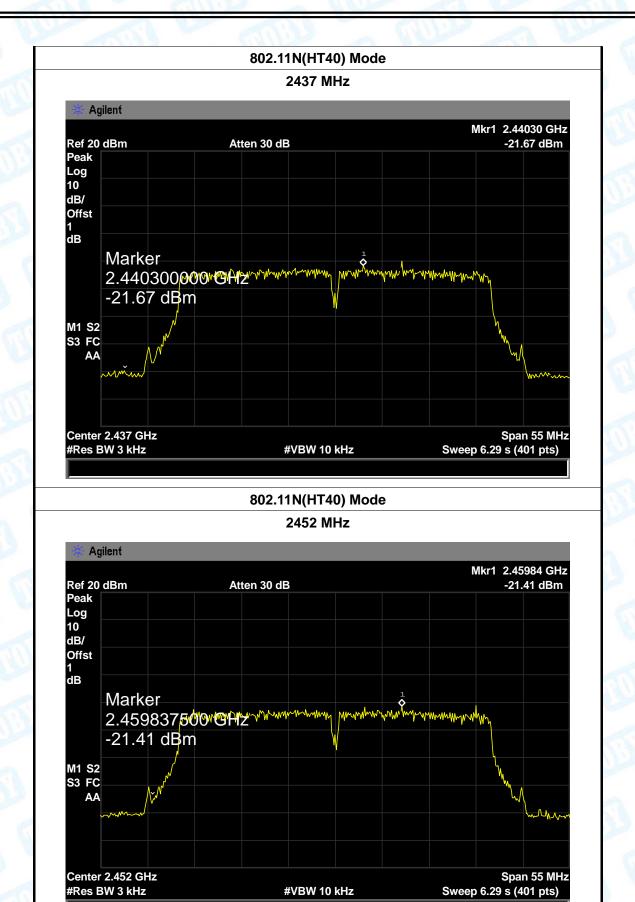
802.11N(HT40) Mode







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10. Antenna Requirement

10.1 Standard Requirement

10.1.1 Standard FCC Part 15.203

10.1.2 Requirement

An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this Section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.

10.2 Antenna Connected Construction

The directional gains of the antenna used for transmitting is 3.12 dBi, and the antenna de-signed with permanent attachment and no consideration of replacement. Please see the EUT photo for details.

Result

The EUT antenna is an FPC Antenna. It complies with the standard requirement.

	Antenna Type
	▶ Permanent attached antenna
anna	□ Unique connector antenna
	□ Professional installation antenna