



FCC Test Report

Report No: FCS202506412W01

Issued for

Applicant:	Suzhou EAVision Robotic Technologies Co., Ltd
Address:	Unit 1-A, No.3 Workshop, 28 asheng Road, SIP Suzhou, Jiangsu, China
Product Name:	Agricultural Spraying Drone
Brand Name:	EAVISION
Model Name:	EA-J150; 3WWDZ-U70B
Series Model:	EA-J70;3WWDZ-U35A;EA-J100EVO
FCC ID:	2AXLB-EA-J150
Issued By: Flux Compliance Service Laboratory Add: Room 105 Floor Bao hao Technology Building 1 NO.15 Gong ye West Road Hi-Tech Industrial, Song shan lake Dongguan Tel: 0769-27280901 Fax:0769-27280901 http://www.FCS-lab.com	

TEST RESULT CERTIFICATION

Applicant's Name.....: Suzhou EAVision Robotic Technologies Co., Ltd

Address.....: Unit 1-A, No.3 Workshop, 28 asheng Road, SIP Suzhou, Jiangsu, China

Manufacture's Name.....: SUZHOU EAVISION ROBOTIC TECHNOLOGIES CO., LTD

Address.....: Room 504&505, Building 2, Nanopolis District II, No.333, Xingpu Road, SIP Suzhou, Jiangsu, China

Product Description

Product Name.....: Agricultural Spraying Drone

Brand Name.....: EAVISION

Model Name.....: EA-J150; 3WWDZ-U70B

Series Model.....: EA-J70;3WWDZ-U35A;EA-J100EVO

Test Standards.....: FCC Rules and Regulations Part 15 Subpart C, Section 247

Test Procedure.....: ANSI C63.10:2013

This device described above has been tested by Flux Compliance Service Laboratory, the test results show that the equipment under test (EUT) is in compliance with the FCC requirements. And it is applicable only to the tested sample identified in the report.

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Date of Test.....:

Date (s) of performance of tests.: Jun. 09, 2025 ~ Jun. 20, 2025

Date of Issue.....: Jun. 20, 2025

Test Result.....: Pass

Tested by

:

Scott Shen

(Scott Shen)

Reviewed by

:

Duke Qian

(Duke Qian)

Approved by

:

Jack Wang

(Jack Wang)

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Revision History

Rev.	Issue Date	Effect Page	Contents
00	Jun. 20, 2025	N/A	N/A

1. SUMMARY OF TEST RESULTS

Test procedures according to the technical standards:
KDB 558074 D01 15.247 Meas Guidance v05r02

FCC Part 15.247, Subpart C			
Standard Section	Test Item	Judgment	Remark
15.207	Conducted Emission	N/A	--
15.247 (b)(3)	Output Power	PASS	--
15.209	Radiated Spurious Emission	PASS	--
15.247(d)	Conducted Spurious & Band Edge Emission	PASS	--
15.247 (e)	Power Spectral Density	PASS	--
15.247(a)(2)	6dB Bandwidth 99% Bandwidth	PASS	--
15.205	Restricted bands of operation	PASS	--
Part 15.247(d)/part 15.209(a)	Band Edge Emission	PASS	--
15.203	Antenna Requirement	PASS	--

NOTE:

- (1) "N/A" denotes test is not applicable in this Test Report
- (2) All tests are according to ANSI C63.10-2013
- (3) The report only presents the test results of the worst mode (Model: EA-J150).

1.1 TEST FACTORY

Company Name:	Flux Compliance Service Laboratory
Address:	Room 105 Floor Bao hao Technology Building 1 NO.15 Gong ye West Road Hi-Tech Industrial, Song shan lake Dongguan
Telephone:	+86-0769-27280901
Fax:	+86-0769-27280901
FCC Test Firm Registration Number: 514908 Designation number: CN0127 A2LA accreditation number: 5545.01 ISED Number: 25801 CAB ID : CN0097	

1.2 MEASUREMENT UNCERTAINTY

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

No.	Item	Uncertainty
1	RF output power, conducted	± 0.71 dB
2	Unwanted Emissions, conducted	± 2.988 dB
3	Conducted Emission (9KHz-150KHz)	± 4.13 dB
4	All emissions radiated (9KHz -30MHz)	± 3.1 dB
5	Conducted Emission (150KHz-30MHz)	± 4.74 dB
6	All emissions,radiated(<1G) 30MHz-1000MHz	± 5.2 dB
7	All emissions,radiated 1GHz -18GHz	± 4.66 dB
8	All emissions,radiated 18GHz -40GHz	± 4.31 dB
9	Occupied bandwidth	± 0.3 dB
10	Power Spectral Density	± 0.48 dB

2. GENERAL INFORMATION

2.1 GENERAL DESCRIPTION OF THE EUT

Product Name	Agricultural Spraying Drone	
Trade Name	EAVISION	
Model Name	EA-J150; 3WWDZ-U70B	
Series Model	EA-J70;3WWDZ-U35A;EA-J100EVO	
Model Difference	The capacity of the pesticide box and the power of the motor are different.	
Product Description	RF Transmission Frequency	2405 MHz ~ 2465 MHz
	Operating Frequency Range(s)	5M:2405 -2465MHz 10M:2410 -2465MHz 20M:2415 -2460MHz 40M:2425 -2450MHz
	Modulation Type:	BR:BPSK, QPSK Slot:BPSK, QPSK, 16QAM, 64QAM
	Radio Technology:	WIFI
	Configuration:	2.4G
	Antenna Gain (dBi)	Main ANT :1.9 Second ANT :1.9
Channel List	Please refer to the Note 2.	
Rated Input	DC 52.22V by Lithium Ion Polymer Rechargeable Battery Battery model: EAV-CTB45Ah Max Charge Voltage:59.92V Nominal Voltage:52.22V Rated Capacity:45000mAh	
Hardware version number	V1.2	
Software version number	2.0.9	
Connecting I/O Port(s)	Please refer to the User's Manual	

Note:

1. For a more detailed features description, please refer to the manufacturer's specifications or the User's Manual.

2. Channel List

2.4G	Mode	Bandwidth	Frequency(MHz)
	BR 5M	5M	2405
			2440
			2465
	Slot 5M	5M	2405
			2440
			2465
	Slot 10M	10M	2410
			2440
			2465
	Slot 20M	20M	2415
			2440
			2460
	Slot 40M	40M	2425
			2440
			2450

Note: The channel list interval of EUT is 5M step.

3. Table for Filed Antenna

Ant.	Brand	Model Name	Antenna Type	Connector	Gain (dBi)	NOTE
0	N/A	YECN009AA	External Antenna	N/A	1.9	Antenna
1	N/A	YECN009AA	External Antenna	N/A	1.9	Antenna

2.2 BLOCK DIGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED

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.

Block diagram of EUT configuration for test

Mode 1

RE:



Test Software Information:

Test Software Version	ARSirius-PC-Debug-Tool-v2.0.0	
Mode	Setting TX Power	Packet Type
BR 5M	Power Index: 25	MCS0
Slot 5M	Power Index: 25	MCS0
Slot 10M	Power Index: 25	MCS0
Slot 20M	Power Index: 25	MCS0
Slot 40M	Power Index: 25	MCS0

2.3 DESCRIPTION OF NECESSARY ACCESSORIES AND SUPPORT UNITS

The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

Necessary accessories

Item	Equipment	Mfr/Brand	Model/Type No.	Serial No.	Note
1	adapter	XIAOMI	AD652G	N/A	Test use

Support units

Item	Equipment	Mfr/Brand	Model/Type No.	Serial No.	Note
N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A

Note:

- (1) The support equipment was authorized by Declaration of Confirmation.
- (2) For detachable type I/O cable should be specified the length in cm in 『Length』 column.
- (3) “YES” is means “shielded” “with core”; “NO” is means “unshielded” “without core”.

2.4 EQUIPMENTS LIST

Radiation Test equipment

Kind of Equipment	Manufacturer	Type No.	Company No.	Last calibration	Calibrated until
EMI Test Receiver	R&S	ESRP 3	FCS-E001	2024.08.28	2025.08.27
Signal Analyzer	R&S	FSV40-N	FCS-E012	2024.08.28	2025.08.27
Positioning Controller	MF	MF-7802BS	1308503	2024.08.28	2025.08.27
Active loop Antenna	ZHINAN	ZN30900C	FCS-E013	2024.08.28	2025.08.27
Bilog Antenna	SCHWARZBECK	VULB 9168	FCS-E002	2024.08.28	2025.08.27
Horn Antenna	SCHWARZBECK	BBHA 9120D	FCS-E003	2024.08.28	2025.08.27
SHF-EHF Horn Antenna (18G-40GHz)	A-INFO	LB-180400-KF	FCS-E018	2024.08.28	2025.08.27
Pre-Amplifier(0.1M-3G Hz)	EMCI	EM330N	FCS-E004	2024.08.28	2025.08.27
Pre-Amplifier (1G-18GHz)	N/A	TSAMP-0518SE	FCS-E014	2024.08.28	2025.08.27
Pre-Amplifier (18G-40GHz)	TERA-MW	TRLA-0400	FCS-E019	2024.08.28	2025.08.27
Temperature & Humidity	HTC-1	victor	FCS-E005	2024.08.28	2025.08.27
Testing Software	EZ-EMC(Ver.STSLAB 03A1 RE)				

RF Connected Test

Kind of Equipment	Manufacturer	Type No.	Company No.	Last calibration	Calibrated until
MXA SIGNAL Analyzer	Keysight	N9020A	FCS-E015	2024.08.28	2025.08.27
Spectrum Analyzer	Agilent	E4447A	MY50180039	2024.08.28	2025.08.27
Spectrum Analyzer	R&S	FSV-40	101499	2024.08.28	2025.08.27
Power Sensor	Agilent	UX2021XA	FCS-E021	2024.08.28	2025.08.27
Testing Software	EZ-EMC(Ver.STSLAB 03A1 RE)				

3. 6DB BANDWIDTH

3.1 LIMIT

FCC Part 15.247, Subpart C RSS-Gen Clause 6.7				
Section	Test Item	Limit	Frequency Range (MHz)	Result
15.247(a)(2)	6dB Bandwidth	$\geq 500\text{KHz}$	2400-2483.5	PASS
RSS-Gen Clause 6.7	99% Bandwidth	For reporting purposes only.	2400-2483.5	PASS

3.2 TEST PROCEDURE

(1) Connect EUT's antenna output to spectrum analyzer by RF cable.

(2) Set the spectrum analyzer as follows

RBW: 100 kHz (6dB Bandwidth) / 30 kHz (99%Bandwidth)

VBW: 300 kHz (6dB Bandwidth) / 100 kHz (99%Bandwidth)

Detector Mode: Peak

Sweep time: auto

Trace mode Max hold

(3) Allow the trace to stabilize, measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission

3.3 TEST SETUP



3.4 TEST RESULTS

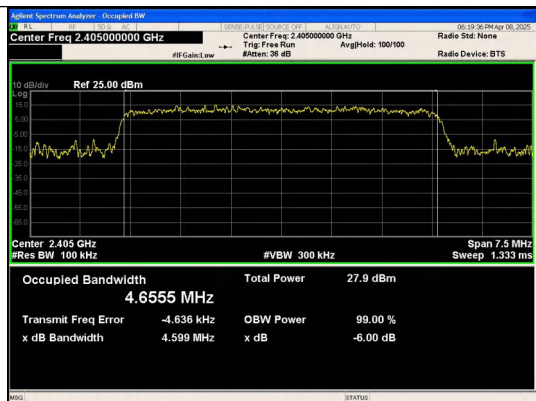
6dB Bandwidth

Mode	TX Type	Frequency (MHz)	ANT	6dB Bandwidth (MHz)		Verdict
				Result	Limit	
BR 5M	SISO	2405	0	4.599	≥ 0.5	PASS
		2440	0	4.646	≥ 0.5	PASS
		2465	0	4.486	≥ 0.5	PASS

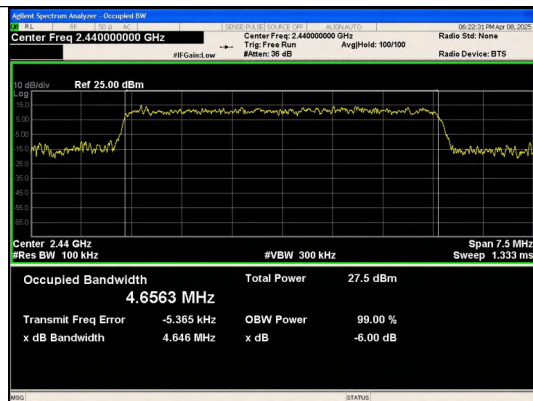
Mode	TX Type	Frequency (MHz)	ANT	6dB Bandwidth (MHz)		Verdict
				Result	Limit	
Slot 5M	MIMO	2405	0	4.595	≥ 0.5	PASS
			1	4.622	≥ 0.5	PASS
		2440	0	4.646	≥ 0.5	PASS
			1	4.577	≥ 0.5	PASS
		2465	0	4.559	≥ 0.5	PASS
			1	4.599	≥ 0.5	PASS
Slot10M	MIMO	2410	0	9.154	≥ 0.5	PASS
			1	9.169	≥ 0.5	PASS
		2440	0	9.184	≥ 0.5	PASS
			1	9.289	≥ 0.5	PASS
		2465	0	9.186	≥ 0.5	PASS
			1	9.244	≥ 0.5	PASS
Slot20M	MIMO	2415	0	17.81	≥ 0.5	PASS
			1	18.44	≥ 0.5	PASS
		2440	0	17.74	≥ 0.5	PASS
			1	17.32	≥ 0.5	PASS
		2460	0	18.44	≥ 0.5	PASS
			1	17.51	≥ 0.5	PASS
Slot40M	MIMO	2425	0	35.86	≥ 0.5	PASS
			1	34.66	≥ 0.5	PASS
		2440	0	35.30	≥ 0.5	PASS
			1	31.77	≥ 0.5	PASS
		2450	0	35.35	≥ 0.5	PASS
			1	35.02	≥ 0.5	PASS

Test Graphs

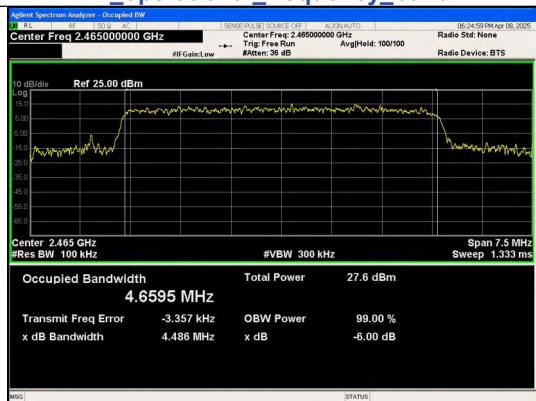
BR:



Occupied Bandwidth
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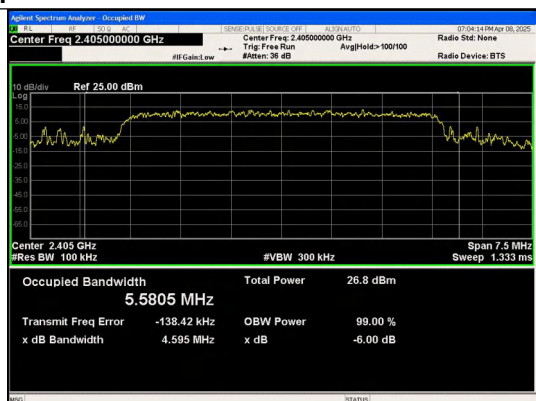


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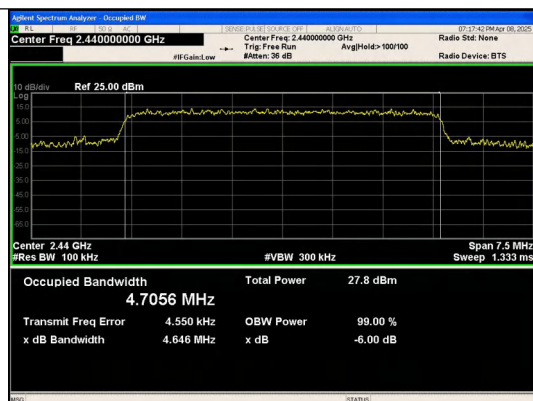


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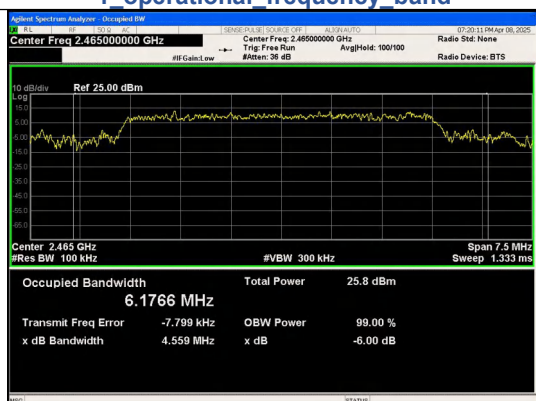
Slot:



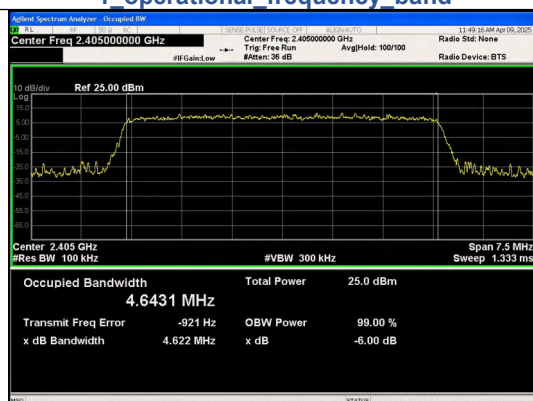
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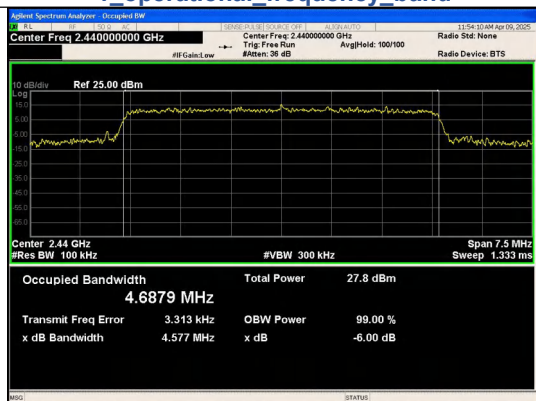
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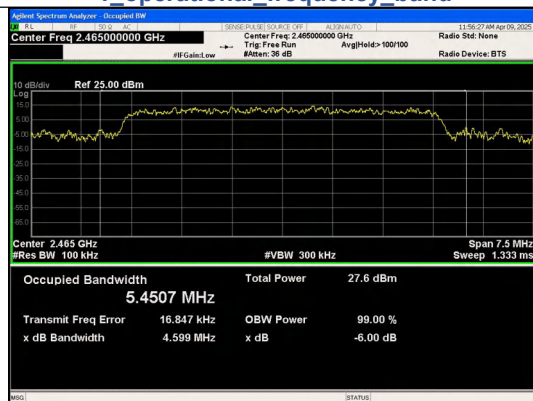
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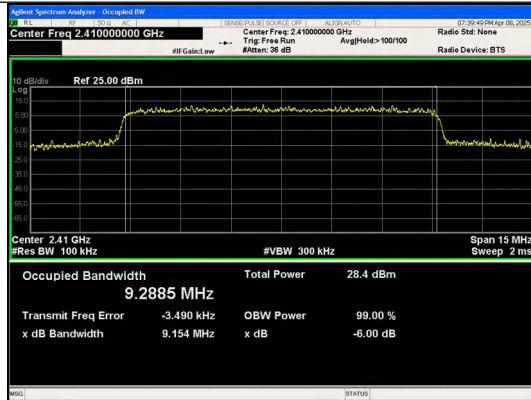
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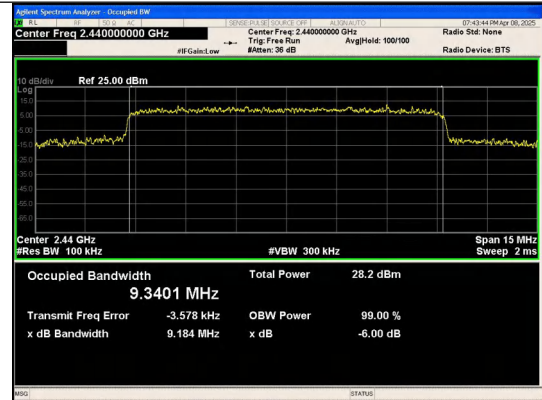
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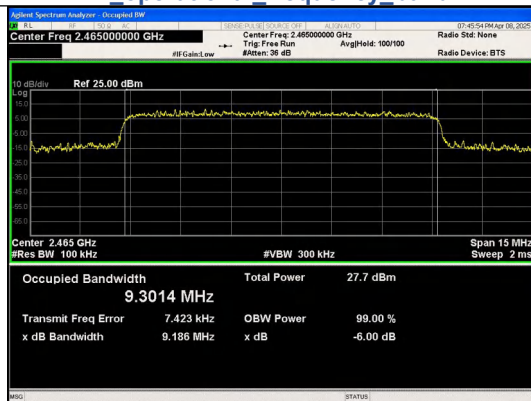
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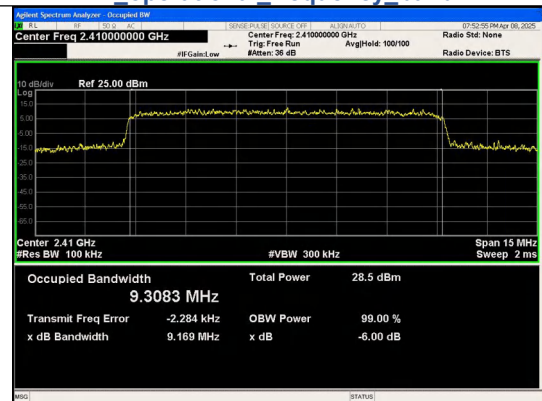
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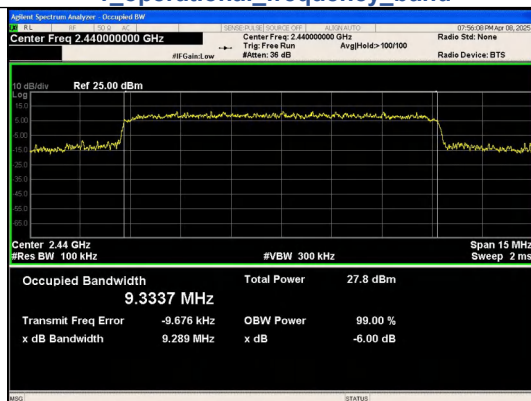
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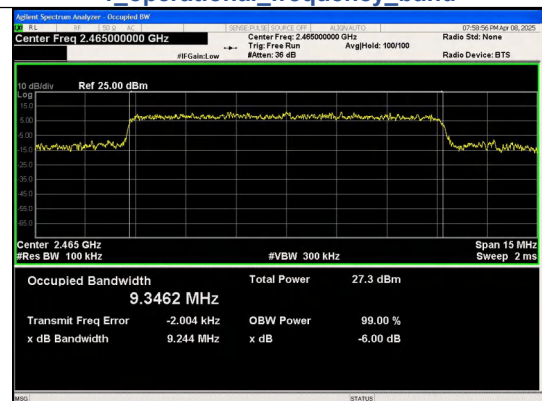
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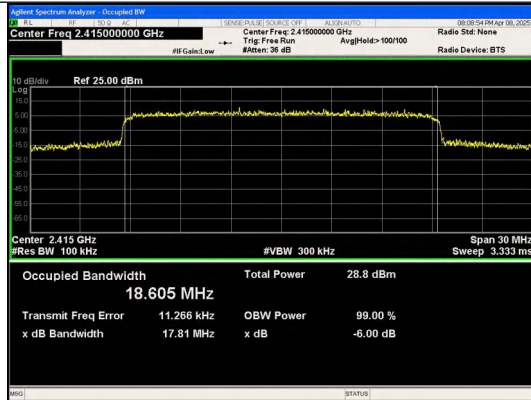
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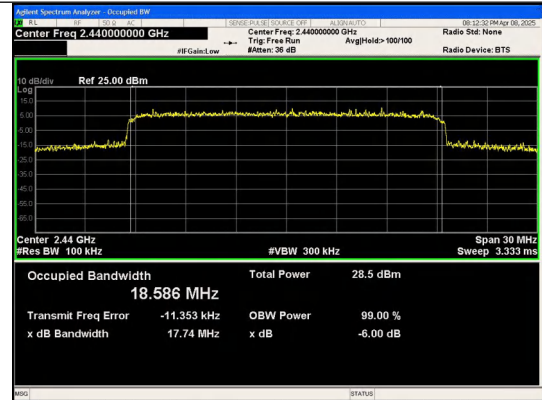
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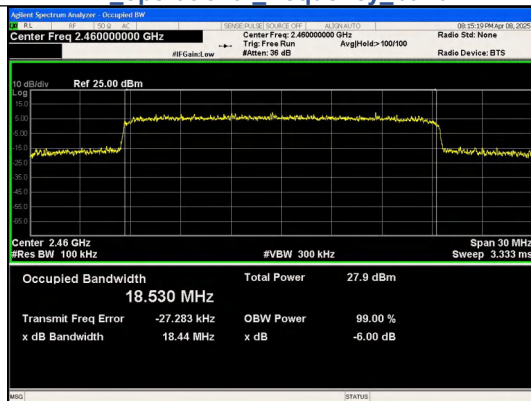
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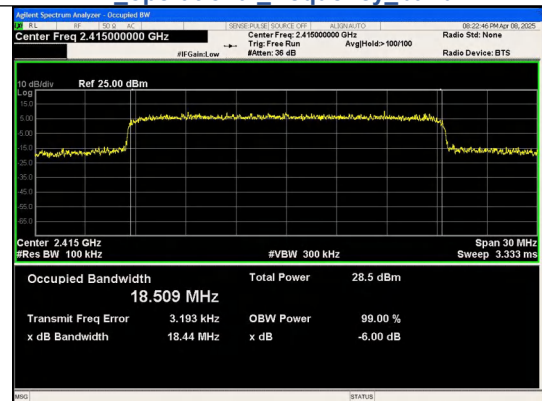
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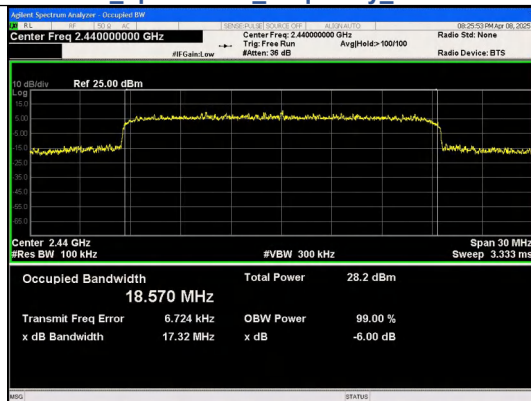
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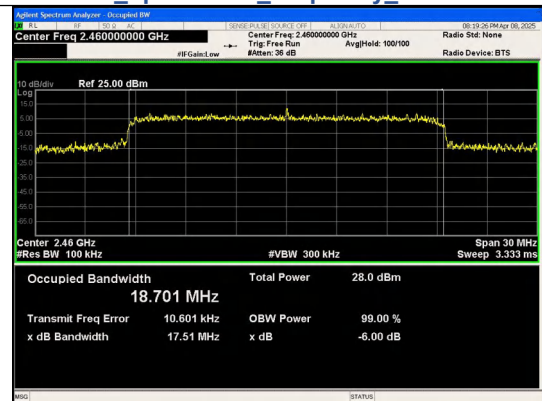
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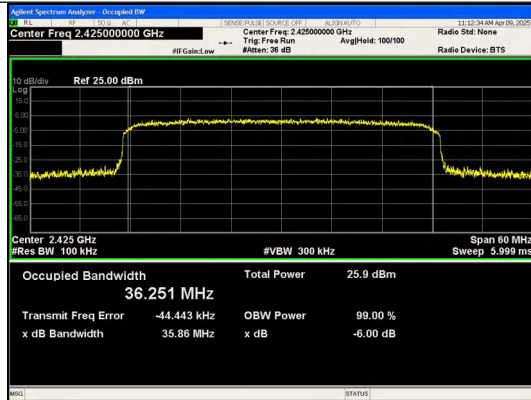
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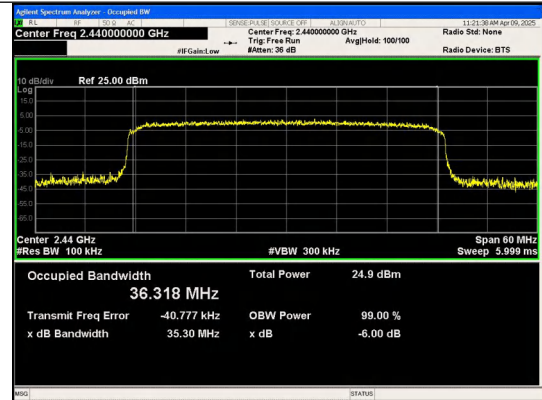
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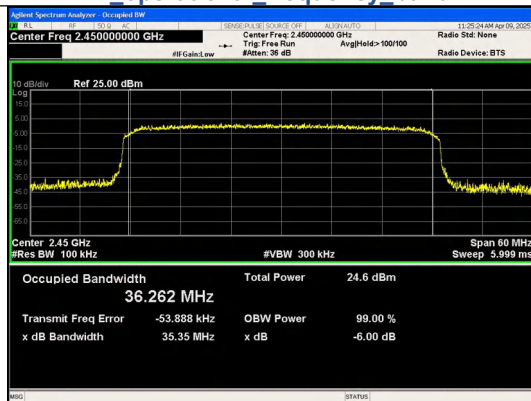
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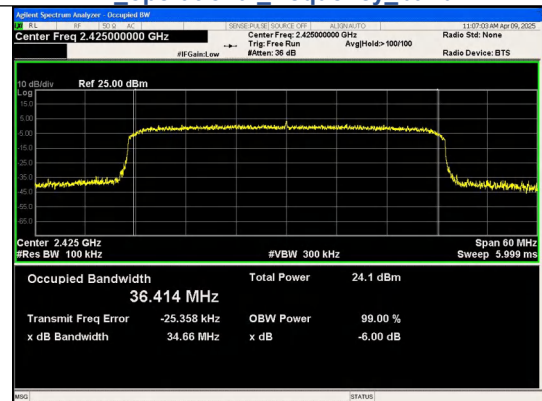
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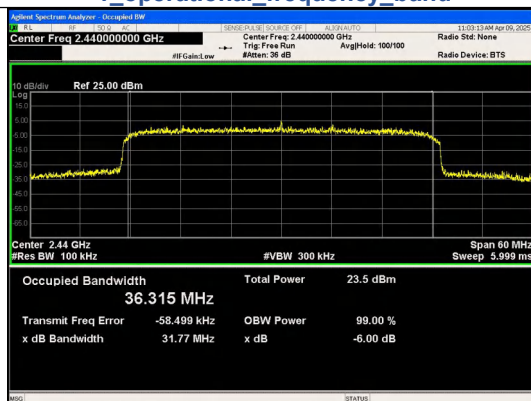
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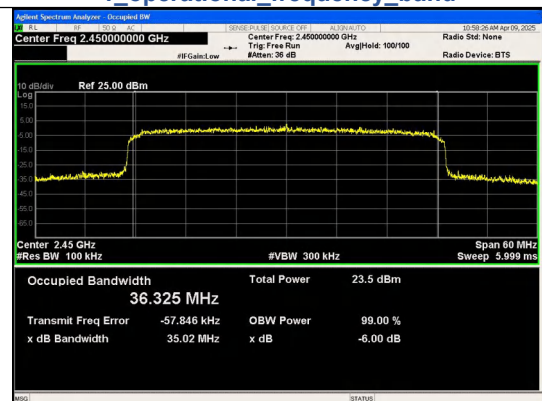
Occupied Bandwidth
Channel 42_BW 40_Freq.2450_Ant.0_Mode
1_operational_frequency_band



Occupied Bandwidth
Channel 40_BW 40_Freq.2425_Ant.0_Mode
1_operational_frequency_band



Occupied Bandwidth
Channel 41_BW 40_Freq.2440_Ant.0_Mode
1_operational_frequency_band



Occupied Bandwidth
Channel 42_BW 40_Freq.2450_Ant.0_Mode
1_operational_frequency_band

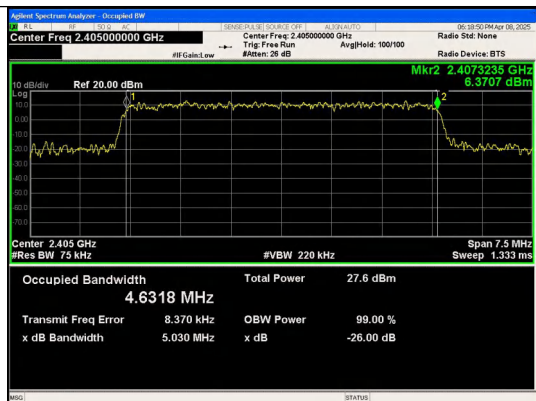
99% Bandwidth Test Result

Mode	TX Type	Frequency (MHz)	ANT	99% Bandwidth (MHz)	Verdict
BR 5M	SISO	2405	0	4.6318	PASS
		2440	0	4.6349	PASS
		2465	0	4.6548	PASS

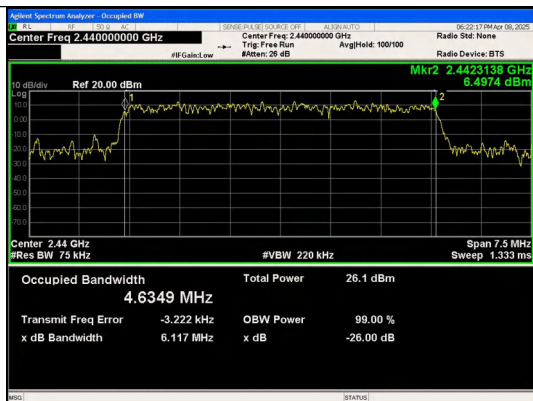
Mode	TX Type	Frequency (MHz)	ANT	99% Bandwidth (MHz)	Verdict
Slot 5M	MIMO	2405	0	4.8265	PASS
			1	4.6483	PASS
		2440	0	4.6748	PASS
			1	4.6646	PASS
		2465	0	4.7329	PASS
			1	4.7184	PASS
Slot10M	MIMO	2410	0	9.2842	PASS
			1	9.2699	PASS
		2440	0	9.3292	PASS
			1	9.3440	PASS
		2465	0	9.2892	PASS
			1	9.3426	PASS
Slot20M	MIMO	2415	0	18.615	PASS
			1	18.586	PASS
		2440	0	18.575	PASS
			1	18.561	PASS
		2460	0	18.572	PASS
			1	18.701	PASS
Slot40M	MIMO	2425	0	36.345	PASS
			1	36.417	PASS
		2440	0	36.364	PASS
			1	36.353	PASS
		2450	0	36.323	PASS
			1	36.394	PASS

Test Graphs

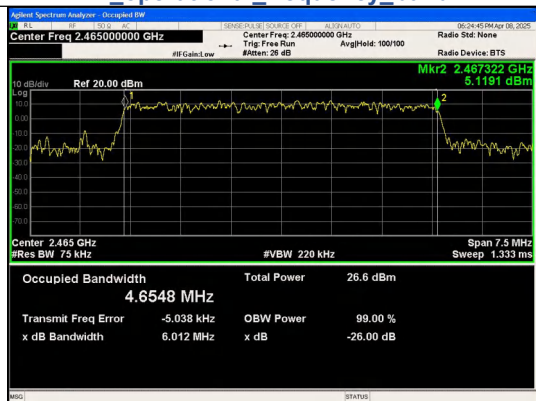
BR:



99 Occupied Bandwidth
Channel 0_BW 5_Freq.2405_Ant.0_Mode
1_operational_frequency_band



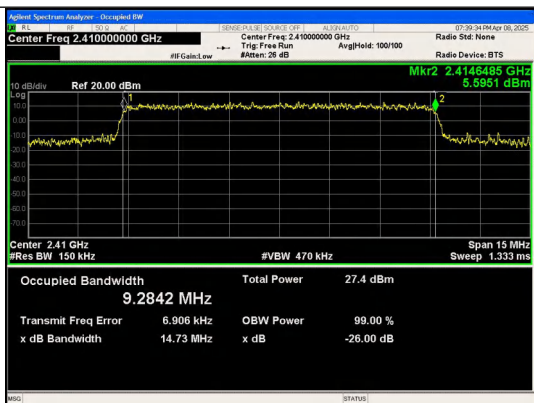
99 Occupied Bandwidth
Channel 1_BW 5_Freq.2440_Ant.0_Mode
1_operational_frequency_band



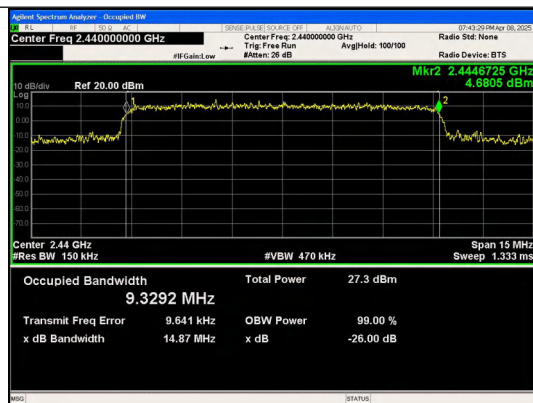
99 Occupied Bandwidth
Channel 2_BW 5_Freq.2465_Ant.0_Mode
1_operational_frequency_band

Slot:

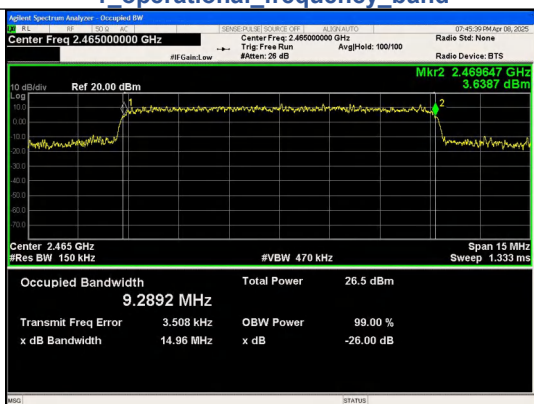
Center Freq 2.405000000 GHz Center Freq 2.405000000 GHz Trig: Free Run Avg: Hold: 100/100 Radio Std: None Radio Device: BTS Center 2.405 GHz #Res BW 75 kHz #VBW 220 kHz Span 7.5 MHz Sweep 1.333 ms Occupied Bandwidth 4.8265 MHz Total Power 25.7 dBm Transmit Freq Error 5.339 kHz OBW Power 99.00 % x dB Bandwidth 7.500 MHz x dB -26.00 dB	Center Freq 2.440000000 GHz Center Freq 2.440000000 GHz Trig: Free Run Avg: Hold: 100/100 Radio Std: None Radio Device: BTS Center 2.44 GHz #Res BW 75 kHz #VBW 220 kHz Span 7.5 MHz Sweep 1.333 ms Occupied Bandwidth 4.6748 MHz Total Power 27.5 dBm Transmit Freq Error 3.946 kHz OBW Power 99.00 % x dB Bandwidth 7.500 MHz x dB -26.00 dB
99 Occupied Bandwidth Channel 0_BW 5_Freq.2405_Ant.0_Mode 1_operational frequency band	99 Occupied Bandwidth Channel 1_BW 5_Freq.2440_Ant.0_Mode 1_operational frequency band
Center Freq 2.465000000 GHz Center Freq 2.465000000 GHz Trig: Free Run Avg: Hold: 100/100 Radio Std: None Radio Device: BTS Center 2.465 GHz #Res BW 75 kHz #VBW 220 kHz Span 7.5 MHz Sweep 1.333 ms Occupied Bandwidth 4.7329 MHz Total Power 25.2 dBm Transmit Freq Error 18.023 kHz OBW Power 99.00 % x dB Bandwidth 7.373 MHz x dB -26.00 dB	Center Freq 2.405000000 GHz Center Freq 2.405000000 GHz Trig: Free Run Avg: Hold: 100/100 Radio Std: None Radio Device: BTS Center 2.405 GHz #Res BW 75 kHz #VBW 220 kHz Span 7.5 MHz Sweep 1.333 ms Occupied Bandwidth 4.6483 MHz Total Power 24.5 dBm Transmit Freq Error 17.593 kHz OBW Power 99.00 % x dB Bandwidth 4.958 MHz x dB -26.00 dB
99 Occupied Bandwidth Channel 2_BW 5_Freq.2465_Ant.0_Mode 1_operational frequency band	99 Occupied Bandwidth Channel 0_BW 5_Freq.2405_Ant.1_Mode 1_operational frequency band
Center Freq 2.440000000 GHz Center Freq 2.440000000 GHz Trig: Free Run Avg: Hold: 100/100 Radio Std: None Radio Device: BTS Center 2.44 GHz #Res BW 75 kHz #VBW 220 kHz Span 7.5 MHz Sweep 1.333 ms Occupied Bandwidth 4.6646 MHz Total Power 27.2 dBm Transmit Freq Error 2.516 kHz OBW Power 99.00 % x dB Bandwidth 6.875 MHz x dB -26.00 dB	Center Freq 2.465000000 GHz Center Freq 2.465000000 GHz Trig: Free Run Avg: Hold: 100/100 Radio Std: None Radio Device: BTS Center 2.465 GHz #Res BW 75 kHz #VBW 220 kHz Span 7.5 MHz Sweep 1.333 ms Occupied Bandwidth 4.7184 MHz Total Power 26.7 dBm Transmit Freq Error -1.983 kHz OBW Power 99.00 % x dB Bandwidth 7.500 MHz x dB -26.00 dB
99 Occupied Bandwidth Channel 1_BW 5_Freq.2440_Ant.1_Mode 1_operational frequency band	99 Occupied Bandwidth Channel 2_BW 5_Freq.2465_Ant.1_Mode 1_operational frequency band



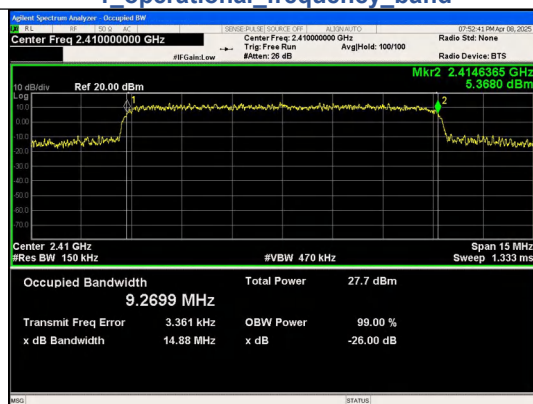
99 Occupied Bandwidth
Channel 10_BW 10_Freq.2410_Ant.0_Mode
1_operational_frequency_band



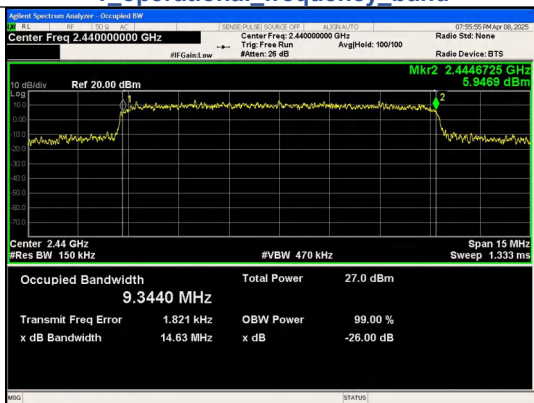
99 Occupied Bandwidth
Channel 11_BW 10_Freq.2440_Ant.0_Mode
1_operational_frequency_band



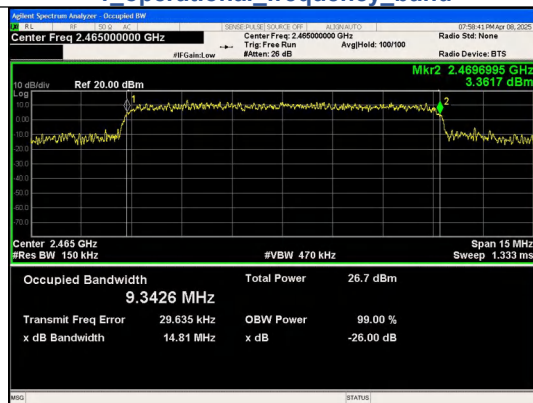
99 Occupied Bandwidth
Channel 12_BW 10_Freq.2465_Ant.0_Mode
1_operational_frequency_band



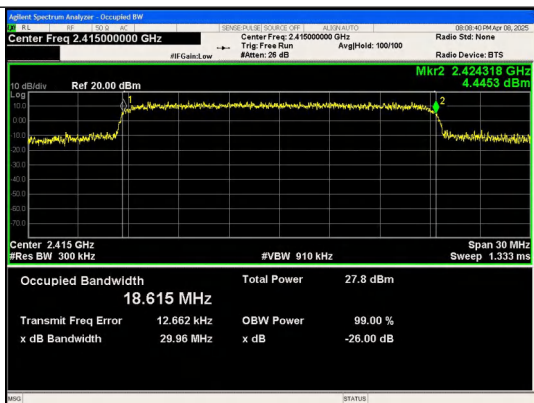
99 Occupied Bandwidth
Channel 10_BW 10_Freq.2410_Ant.1_Mode
1_operational_frequency_band



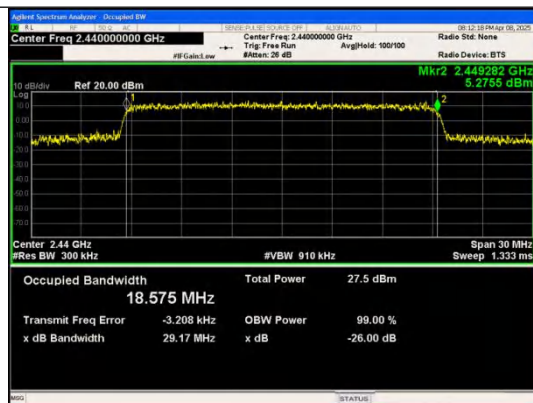
99 Occupied Bandwidth
Channel 11_BW 10_Freq.2440_Ant.1_Mode
1_operational_frequency_band



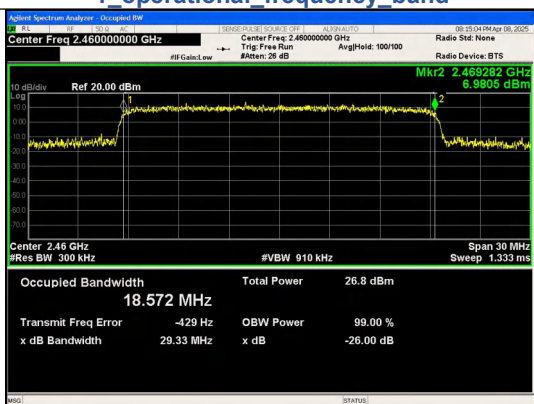
99 Occupied Bandwidth
Channel 12_BW 10_Freq.2465_Ant.1_Mode
1_operational_frequency_band



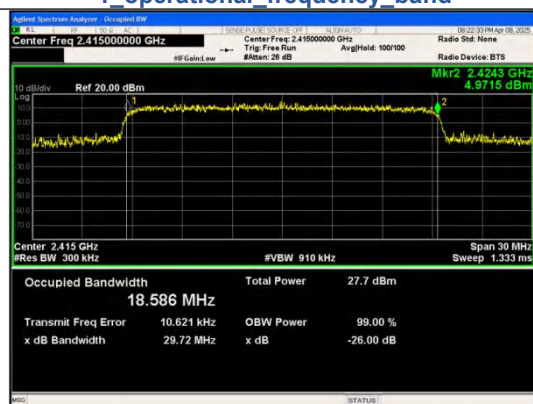
99 Occupied Bandwidth
Channel 20_BW 20_Freq.2415_Ant.0_Mode
1_operational_frequency_band



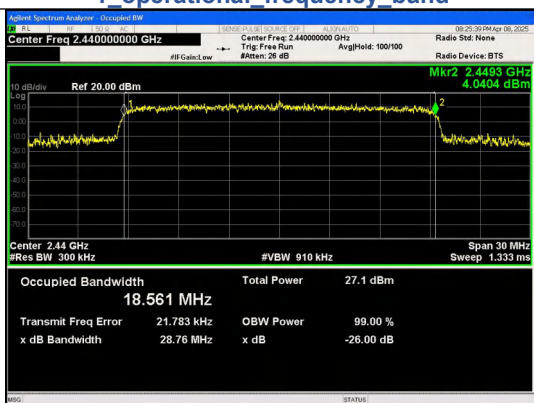
99 Occupied Bandwidth
Channel 21_BW 20_Freq.2440_Ant.0_Mode
1_operational_frequency_band



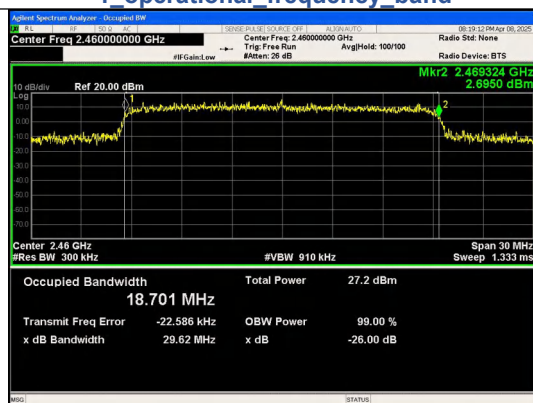
99 Occupied Bandwidth
Channel 22_BW 20_Freq.2460_Ant.0_Mode
1_operational_frequency_band



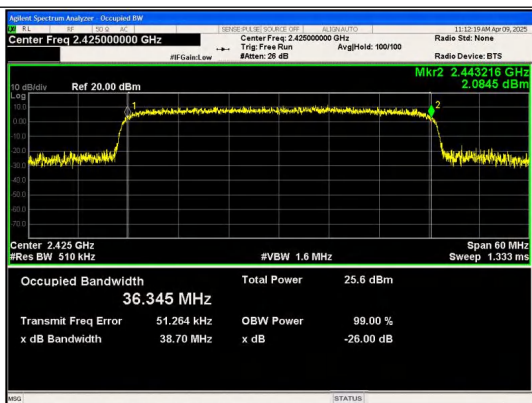
99 Occupied Bandwidth
Channel 20_BW 20_Freq.2415_Ant.1_Mode
1_operational_frequency_band



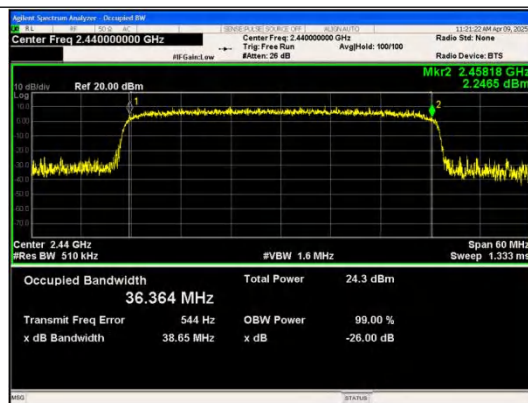
99 Occupied Bandwidth
Channel 21_BW 20_Freq.2440_Ant.1_Mode
1_operational_frequency_band



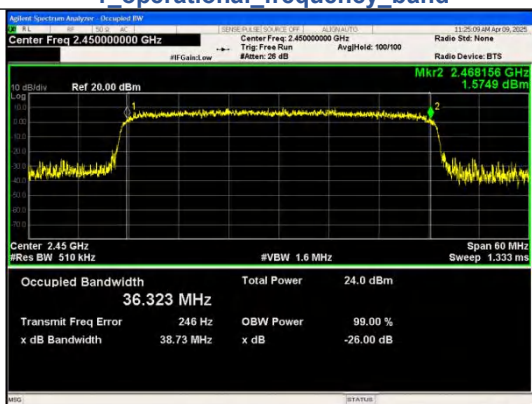
99 Occupied Bandwidth
Channel 22_BW 20_Freq.2460_Ant.1_Mode
1_operational_frequency_band



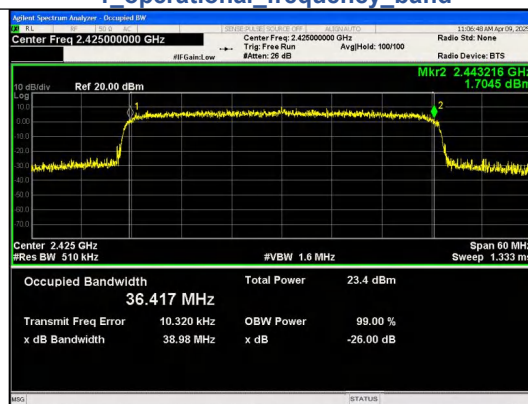
99 Occupied Bandwidth
Channel 40_BW 40_Freq.2425_Ant.0_Mode
1_operational_frequency_band



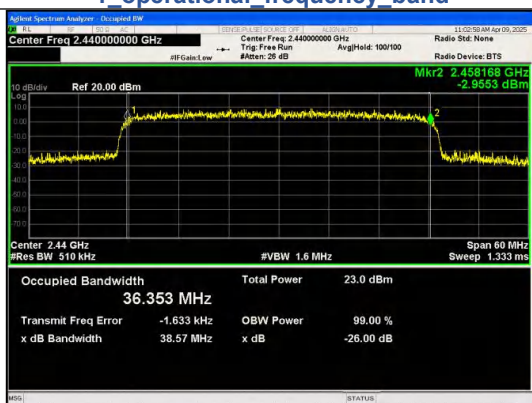
99 Occupied Bandwidth
Channel 41_BW 40_Freq.2440_Ant.0_Mode
1_operational_frequency_band



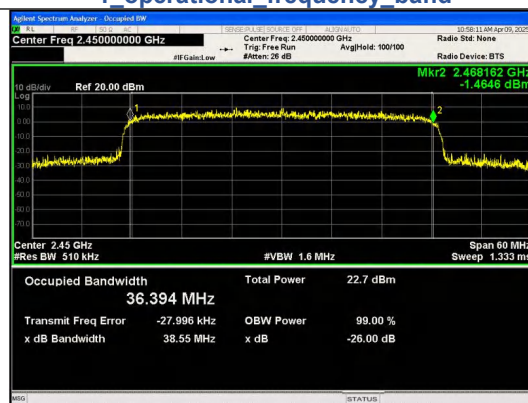
99 Occupied Bandwidth
Channel 42_BW 40_Freq.2450_Ant.0_Mode
1_operational_frequency_band



99 Occupied Bandwidth
Channel 40_BW 40_Freq.2425_Ant.1_Mode
1_operational_frequency_band



99 Occupied Bandwidth
Channel 41_BW 40_Freq.2440_Ant.1_Mode
1_operational_frequency_band



99 Occupied Bandwidth
Channel 42_BW 40_Freq.2450_Ant.1_Mode
1_operational_frequency_band

4. CONDUCTED OUTPUT POWER

4.1 LIMIT

FCC Part 15 Subpart C			
Section	Test Item	Limit	Frequency Range
15.247(b)(3)	Peak output power	Power <1W(30dBm)	2400-2483.5

4.2 TEST PROCEDURE

- (1) The EUT was directly connected to the Power sensor and antenna output port as show in The block diagram above.
- (2) The EUT was set to continuously transmitting in the max power during the test.

4.3 TEST SETUP



4.4 TEST RESULTS

Mode	TX Type	Frequency (MHz)	Maximum Peak Conducted Output Power (dBm)		Verdict
			ANT0	Limit	
BR 5M	SISO	2405	18.76	<=30	PASS
		2440	18.97	<=30	PASS
		2465	19.15	<=30	PASS

Mode	TX Type	Frequency (MHz)	Maximum Peak Conducted Output Power (dBm)				Verdict
			ANT0	ANT1	MIMO	Limit	
Slot 5M	MIMO	2405	18.96	19.19	22.08	<=30	PASS
		2440	19.44	19.34	22.40	<=30	PASS
		2465	19.21	19.60	22.42	<=30	PASS
Slot10M	MIMO	2410	25.07	25.03	28.06	<=30	PASS
		2440	25.18	25.11	28.16	<=30	PASS
		2465	25.08	24.54	27.83	<=30	PASS
Slot20M	MIMO	2415	24.88	24.90	27.90	<=30	PASS
		2440	25.15	24.84	28.01	<=30	PASS
		2460	24.91	24.61	27.77	<=30	PASS
Slot40M	MIMO	2425	24.96	25.66	28.33	<=30	PASS
		2440	25.01	23.02	27.14	<=30	PASS
		2450	24.95	23.49	27.29	<=30	PASS

5. BAND EDGE AND SPURIOUS(CONDUCTED)

5.1 LIMIT

In any 100kHz bandwidth outside the frequency bands in which the spread spectrum intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 30dB below that in the 100kHz bandwidth within the band that contains the highest level of the desired power.

5.2 TEST PROCEDURE

(1) Connect EUT's antenna output to spectrum analyzer by RF cable.

(2) Establish a reference level by using the following procedure:

Center frequency	DTS Channel center frequency
RBW:	100kHz
VBW:	300kHz
Span	1.5times the DTS bandwidth
Detector Mode:	Peak
Sweep time:	auto
Trace mode	Max hold

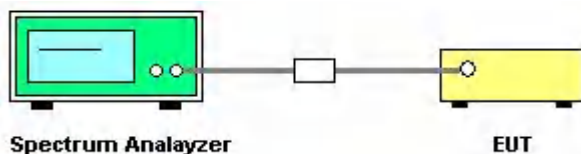
(3) Establish Allow the trace to stabilize, use the peak marker function to determine the maximum peak power level to establish the reference level.

(4) Set the spectrum analyzer as follows:

RBW:	100kHz
VBW:	300kHz
Span	Encompass frequency range to be measured
Number of measurement points	$\geq \text{span}/\text{RBW}$
Detector Mode:	Peak
Sweep time:	auto
Trace mode	Max hold

(5) Allow the trace to stabilize, use the peak marker function to determine the maximum amplitude of all unwanted emissions outside of the authorized frequency band

5.3 TEST SETUP



5.4 TEST RESULTS

BW	TX Type	Frequency (MHz)	channel	Ant	Mode	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dBm)	Result
BR 5M	SISO	2405	0	0	1	2400.0	-18.967	-4.01	-14.957	PASS
			0	0	1	4808.63375	-54.778	-4.01	-50.768	PASS
			0	0	1	7215.1175	-54.285	-4.01	-50.275	PASS
			0	0	1	9621.60125	-54.619	-4.01	-50.609	PASS
			0	0	1	24975.03	-41.884	-4.01	-37.874	PASS
		2440	1	0	1	4884.168	-54.868	-4.43	-50.438	PASS
			1	0	1	7324.9855	-52.773	-4.43	-48.343	PASS
			1	0	1	9758.312	-54.396	-4.43	-49.966	PASS
			1	0	1	24823.33725	-41.461	-4.43	-37.031	PASS
		2465	2	0	1	2483.5	-49.856	-5.59	-44.266	PASS
			2	0	1	4930.3625	-55.169	-5.59	-49.579	PASS
			2	0	1	7390.53175	-50.998	-5.59	-45.408	PASS
			2	0	1	9863.186	-55.421	-5.59	-49.831	PASS
			2	0	1	24803.36125	-40.47	-5.59	-34.88	PASS

BW	TX Type	Frequency (MHz)	channel	Ant	Mode	OOB Emission Frequency (MHz)	OOB Emission Level (dBm)	Limit (dBm)	Over Limit (dBm)	Result
Slot 5M	MIMO	2405	0	0	1	2400.0	-14.385	-4.38	-10.005	PASS
						4805.5125	-55.267	-4.38	-50.887	PASS
						7219.48725	-54.79	-4.38	-50.41	PASS
						9620.35275	-54.805	-4.38	-50.425	PASS
						24665.402	-41.669	-4.38	-37.288	PASS
		2440	1			4884.168	-55.309	-4.02	-51.289	PASS
						7324.9855	-53.229	-4.02	-49.209	PASS
						9756.43925	-54.905	-4.02	-50.885	PASS
						24989.38775	-41.283	-4.02	-37.263	PASS
						2465	2	2483.5	-48.947	-5.43
		4934.73225	-53.823					-5.43	-48.393	PASS
		7394.27725	-52.625					-5.43	-47.195	PASS
		9858.81625	-54.701					-5.43	-49.271	PASS

						24868.28325	-41.322	-5.43	-35.892	PASS
		2405	0	1		2400.0	-28.268	-7.64	-20.628	PASS
						4806.13675	-56.339	-7.64	-48.699	PASS
						7210.1235	-54.411	-7.64	-46.771	PASS
						9616.60725	-55.871	-7.64	-48.231	PASS
						24994.38175	-41.17	-7.64	-33.53	PASS
		2440	1			4877.9255	-54.526	-5.5	-49.026	PASS
						7319.36725	-54.112	-5.5	-48.612	PASS
						9759.5605	-55.797	-5.5	-50.297	PASS
						24709.72375	-42.081	-5.5	-36.581	PASS
						2483.5	-42.707	-5.51	-37.197	PASS
		2465	2			4926.617	-56.164	-5.51	-50.654	PASS
						7396.15	-54.619	-5.51	-49.109	PASS
						9859.4405	-56.647	-5.51	-51.137	PASS
						24936.95075	-41.685	-5.51	-36.175	PASS
						2400.0	-16.632	-6.56	-10.072	PASS
Slot 10M	MIMO	2410	10		0	1	4829.85825	-55.009	-6.56	-48.449
				7237.5905			-53.97	-6.56	-47.41	PASS
				9638.456			-54.719	-6.56	-48.159	PASS
				24713.46925			-41.622	-6.56	-35.062	PASS
				4883.54375			-54.213	-7.46	-46.753	PASS
		2440	11	7311.87625			-53.369	-7.46	-45.909	PASS
				9760.18475			-54.509	-7.46	-47.049	PASS
				24915.72625			-41.805	-7.46	-34.345	PASS
				2483.5			-34.393	-8.71	-25.683	PASS
				4924.12			-54.95	-8.71	-46.24	PASS
		2465	12	7404.26525			-52.104	-8.71	-43.394	PASS
				9857.56775			-55.342	-8.71	-46.632	PASS
				24987.515			-41.725	-8.71	-33.015	PASS
				2398.4			-18.857	-7.38	-11.477	PASS
				2400.0			-19.051	-7.38	-11.671	PASS
		2410	10	4814.9			-54.069	-7.38	-46.689	PASS
				7223.2			-53.939	-7.38	-46.559	PASS
				9642.2			-54.266	-7.38	-46.886	PASS
				24986.9			-41.502	-7.38	-34.121	PASS
				4881.04675			-54.693	-8.2	-46.493	PASS
		2440	11	7311.252			-53.731	-8.2	-45.531	PASS

						9764.5545	-54.557	-8.2	-46.357	PASS
						24672.26875	-41.997	-8.2	-33.797	PASS
		2465	12			2483.5	-30.94	-8.56	-22.38	PASS
						4936.605	-53.308	-8.56	-44.748	PASS
						7389.28325	-52.299	-8.56	-43.739	PASS
						9863.186	-55.407	-8.56	-46.847	PASS
						24833.32525	-41.971	-8.56	-33.411	PASS
		2415	20			2398.79	-14.253	-9.48	-4.773	PASS
						2400.0	-16.162	-9.48	-6.682	PASS
						4846.7	-53.968	-9.48	-44.488	PASS
						7225.7	-52.888	-9.48	-43.408	PASS
						9674.0	-54.878	-9.48	-45.398	PASS
						24890.1	-41.744	-9.48	-32.264	PASS
		2440	21			4874.80425	-54.262	-9.63	-44.632	PASS
						7316.87025	-51.583	-9.63	-41.953	PASS
						9740.20875	-54.682	-9.63	-45.052	PASS
						24942.569	-42.239	-9.63	-32.609	PASS
						2483.5	-25.852	-11.1	-14.752	PASS
						4929.73825	-54.614	-11.1	-43.514	PASS
		2460	22			7365.56175	-52.77	-11.1	-41.67	PASS
						9853.82225	-54.366	-11.1	-43.266	PASS
						24951.3085	-41.508	-11.1	-30.408	PASS
		2415	20			2398.01	-15.427	-9.6	-5.827	PASS
						2400.0	-16.581	-9.6	-6.981	PASS
						4844.8	-54.962	-9.6	-45.362	PASS
						7242.0	-53.353	-9.6	-43.753	PASS
						9660.9	-54.463	-9.6	-44.863	PASS
						24789.0	-41.658	-9.6	-32.058	PASS
		2440	21			4888.53775	-53.316	-8.03	-45.286	PASS
						7323.737	-51.637	-8.03	-43.607	PASS
						9751.44525	-53.826	-8.03	-45.796	PASS
						24901.99275	-42.213	-8.03	-34.183	PASS
						2483.5	-20.48	-8.36	-12.12	PASS
						4915.3805	-53.215	-8.36	-44.855	PASS
		2460	22			7374.30125	-52.335	-8.36	-43.975	PASS
						9829.4765	-55.273	-8.36	-46.913	PASS
						24946.3145	-40.756	-8.36	-32.396	PASS