



TEST REPORT

Reference No. : WTU26D02040332W004
Manufacturer* : Coolr Group Inc
Address : 4451 Brookfield Corporate Dr. Suite 111, Chantilly, VA 20151, USA
Factory..... : MIOT Wireless Solutions Co., Ltd.
Address : Room 602, Building No.14, InnoWing Valley, No.135 Zhangji Road, Kunshan, Suzhou, Jiangsu, China.
Product..... : VistaZ
PMN..... : VistaZ Power, VistaZ Go
Model(s)..... : CVP-0401, CVG-0401
Standards..... : ETSI EN 300 328 V2.2.2 (2019-07)
Date of Receipt sample ... : 2026-02-26
Date of Test : 2026-03-11 to 2026-03-24
Date of Issue : 2026-03-31
Test Result : **Pass**

Remarks:

1. The results shown in this test report refer only to the sample(s) tested, this test report cannot be reproduced, except in full, without prior written permission of the company. The report would be invalid without specific stamp of test institute and the signatures of compiler and approver.
2. ^{“*”}**manufacturer** means any natural or legal person who manufactures radio equipment or has radio equipment designed or manufactured, and markets that equipment under his name or trade mark.

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3 Revision History

Test Report No.	Date of Receipt Sample	Date of Test	Date of Issue	Purpose	Comment	Approved
WTU26D02040332W004	2026-02-26	2026-03-11 to 2026-03-24	2026-03-31	Original	-	Valid

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4 General Information

4.1 General Description of E.U.T.

Product: VistaZ
Model(s): CVP-0401, CVG-0401
Model Description: Only the model name, power supply configurations and PMN are different. These devices will be listed in the application under the following exact model numbers:
CVP-0401 (Marketed as: VistaZ Power)
CVG-0401 (Marketed as: VistaZ Go)
The only differences between these two models are strictly related to the power supply configurations:
CVP-0401 utilizes a DC power input of up to 24V and includes an internal battery for backup power.
CVG-0401 utilizes [3xAA batteries based power supply without the 24V DC input].
The model CVP-0401 was tested in this report.
Wi-Fi Specification: 2.4G-802.11b/g/n HT20
Hardware Version: V2.0 Rev0.3
Software Version: v06.04.51
Receiver Category: 1

4.2 Details of E.U.T.

Operation Frequency: 802.11b/g/n(HT20): 2412MHz to 2472MHz;
Number of Channels: 802.11b/g/n(HT20): 13;
Max. RF output power: 15.66dBm EIRP
Type of Modulation: DSSS, OFDM
Antenna installation: Ceramic Antenna
Antenna Gain: 3.77dBi

Note:

#: The antenna gain is provided by the applicant, and the applicant should be responsible for its authenticity, WALTEK lab has not verified the authenticity of its information.

Ratings: DC 12-24V for CVP-0401
Battery: DC 3.7V by battery for CVP-0401
DC 4.5V by 3*AA battery for CVG-0401

ENV	Temperature (°C)	Voltage (VDC)
HTNV	50	24
NTNV	24.3	24
LTVN	-20	24



4.3 Test Location

Laboratory: Waltek Testing Group Co., Ltd.

Address: No. 77, Houjie Section, Guantai Road, Houjie Town, Dongguan City, Guangdong, China

4.4 Abnormalities from Standard Conditions

None

4.5 EUT Setup and Operation Mode

No	Title	Description
TM1	802.11b mode	Keep the EUT in continuously transmitting at 802.11b mode.
TM2	802.11g mode	Keep the EUT in continuously transmitting at 802.11g mode.
TM3	802.11n(HT20) mode	Keep the EUT in continuously transmitting at 802.11n(HT20) mode.
TM4	Receiving mode (20MHz)	Keep the EUT in receiving mode with 20MHz bandwidth.
TM5	Normal mode (802.11b)	Keep the EUT in normal communication with pairing device mode (802.11b).
TM6	Normal mode (802.11g)	Keep the EUT in normal communication with pairing device mode (802.11g).
TM7	Normal mode (802.11n(HT20))	Keep the EUT in normal communication with pairing device mode (802.11n(HT20)).

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5 Summary of Test Results

Item	Standard	Method	Requirement	Result
RF Power	ETSI EN 300 328 V2.2.2 (2019-07)	Clause 5.4.2.2.1	Clause 4.3.2.2.1	Pass
Power Spectral Density	ETSI EN 300 328 V2.2.2 (2019-07)	Clause 5.4.3.2.1	Clause 4.3.2.3.1	Pass
Adaptivity (Channel access mechanism)	ETSI EN 300 328 V2.2.2 (2019-07)	Clause 5.4.6.2.1.4	Clause 4.3.2.6.1	Pass
Occupied Channel Bandwidth	ETSI EN 300 328 V2.2.2 (2019-07)	Clause 5.4.7.2.1	Clause 4.3.2.7.1	Pass
Transmitter unwanted emissions in the out-of-band domain	ETSI EN 300 328 V2.2.2 (2019-07)	Clause 5.4.8.2.1	Clause 4.3.2.8.1	Pass
Transmitter unwanted emissions in the spurious domain, conducted	ETSI EN 300 328 V2.2.2 (2019-07)	Clause 5.4.9.2.1	Clause 4.3.2.9.1	Pass
Receiver spurious emissions, conducted	ETSI EN 300 328 V2.2.2 (2019-07)	Clause 5.4.10.2.1	Clause 4.3.2.10.1	Pass
Transmitter unwanted emissions in the spurious domain (30MHz to 1GHz)	ETSI EN 300 328 V2.2.2 (2019-07)	Clause 5.4.9.2.2	Clause 4.3.2.9.1	Pass
Transmitter unwanted emissions in the spurious domain (above 1GHz)	ETSI EN 300 328 V2.2.2 (2019-07)	Clause 5.4.9.2.2	Clause 4.3.2.9.1	Pass
Receiver spurious emissions (30MHz to 1GHz)	ETSI EN 300 328 V2.2.2 (2019-07)	Clause 5.4.10.2.2	Clause 4.3.2.10.1	Pass
Receiver spurious emissions (above 1GHz)	ETSI EN 300 328 V2.2.2 (2019-07)	Clause 5.4.10.2.2	Clause 4.3.2.10.1	Pass
Receiver Blocking	ETSI EN 300 328 V2.2.2 (2019-07)	Clause 5.4.11.2.1	Clause 4.3.2.11.1	Pass



6 Equipment Used during Test

6.1 Equipment List

Receiver spurious emissions, conducted					
Receiver Blocking					
RF Power					
Power Spectral Density					
Adaptivity (Channel access mechanism)					
Occupied Channel Bandwidth					
Transmitter unwanted emissions in the out-of-band domain					
Transmitter unwanted emissions in the spurious domain, conducted					
Description	Manufacturer	Model	Serial No.	Cal. Date	Due. Date
Spectrum Analyzer	Agilent	N9020A	MY49100060	2025-07-04	2026-07-03
Universal Radio Communication Tester	R&S	CMU 200	114798	2025-07-04	2026-07-03
Signal Generator	Agilent	N5182A	MY46240814	2025-07-04	2026-07-03
EXG Analog Signal Generator	Malaysia Keysight	N5171B	MY53050845	2025-07-04	2026-07-03
ESG VECTOR SIGNAL GENERATOR	Malaysia Keysight	E4438C	MY45092536	2025-04-19	2026-04-18
EXA Signal Analyzer	Malaysia Keysight	N9010A	MY50520207	2025-04-19	2026-04-18
Signal Generator	R&S	SMP22	100102	2025-07-04	2026-07-03
Universal Radio Communication Tester	R&S	CMW 500	127818	2025-04-19	2026-04-18
Power Sensor	TST	TSCB562R2	/	2025-12-05	2026-12-04

Receiver spurious emissions (30MHz to 1GHz)					
Transmitter unwanted emissions in the spurious domain (30MHz to 1GHz)					
Description	Manufacturer	Model	Serial No.	Cal. Date	Due. Date
Coupling Decoupling Network	SCHWARZBECK	CDNE M2	00139	2025-07-04	2026-07-03
Cable	HUBER+SUHNE R	CBL2	525178	2025-04-19	2026-04-18
Amplifier	ANRITSU	MH648A	M43381	2025-04-19	2026-04-18
Trilog Broadband Antenna	SCHWARZBECK	VULB9160	9160-3325	2025-07-05	2026-07-04
Test Receiver	R&S	ESCI	101296	2025-04-19	2026-04-18
Test Software	Frad Technology	EZ-EMC(RA-03A1-1)	/	/	/
Coupling Decoupling Network	SCHWARZBECK	CDNE M3	00140	2025-07-04	2026-07-03



Transmitter unwanted emissions in the spurious domain (above 1GHz) Receiver spurious emissions (above 1GHz)					
Description	Manufacturer	Model	Serial No.	Cal. Date	Due. Date
Coaxial Cable (above 1GHz)	ZT26-NJ-NJ- 8M/FA	1GHz-18GHz	NA	2025-04-19	2026-04-18
Broadband Preamplifier	COMPLIANCE DIRECTION	PAP-1G18	2004	2025-07-04	2026-07-03
Spectrum Analyzer	R&S	FSP30	100091	2025-04-19	2026-04-18
Test Software	Frad Technology	EZ-EMC(RA- 03A1-1)	/	/	/
Broad-band Horn Antenna	SCHWARZBECK	BBHA 9120 D	9120D-1314	2025-08-09	2026-08-08

6.2 Measurement Uncertainty

Parameter	Measurement Uncertainty
Conducted RF Output Power	$\pm 0.42\text{dB}$
Conducted Power Spectral Density	$\pm 0.70\text{dB}$
Occupied Bandwidth	$\pm 1 \times 10^{-7}$
Conducted Spurious Emission	$\pm 2.17\text{dB}$
Radiated Spurious Emissions (30-1000MHz)	$\pm 5.56\text{dB}$
Radiated Spurious Emissions (above 1GHz)	$\pm 3.92\text{dB}$
Confidence interval: 95%. Confidence factor: k=2	



7 Radio Spectrum Matter Test Results (RF)

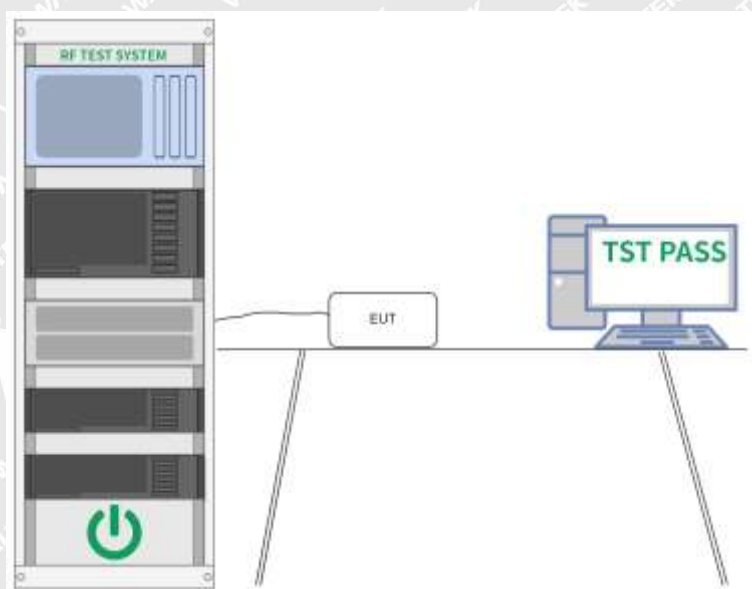
7.1 RF Power

Test Requirement:	Clause 4.3.2.2.1
Test Limit:	$\leq 20\text{dBm}$
Test Method:	Clause 5.4.2.2.1
Procedure:	Clause 5.4.2.2.1.2

7.1.1 E.U.T. Operation

Environmental Conditions					
Temperature:	24.3 °C	Humidity:	51.5 %	Atmospheric Pressure:	101.4 kPa
Test mode:	TM1, TM2, TM3				

7.1.2 Basic Test Setup Block Diagram



7.1.3 Summary of Test Results

Please Refer to Appendix for Details.



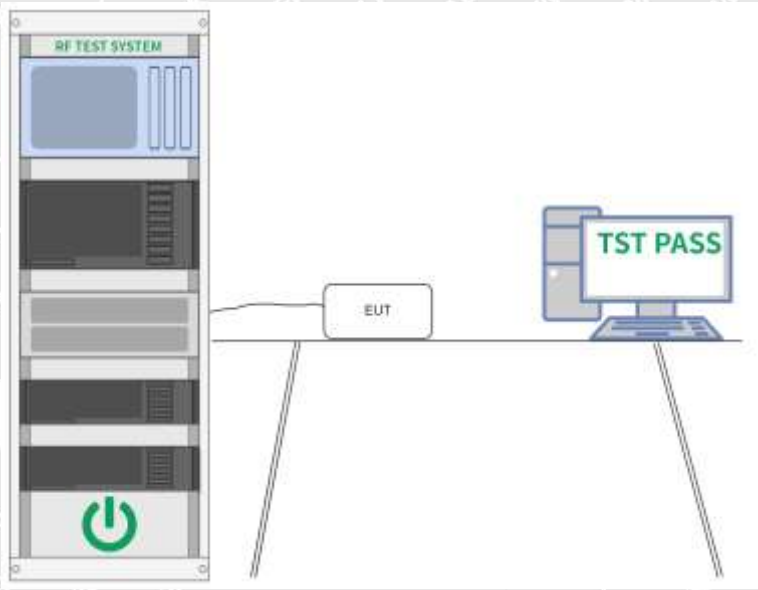
7.2 Power Spectral Density

Test Requirement:	Clause 4.3.2.3.1
Test Limit:	<=10dBm/MHz
Test Method:	Clause 5.4.3.2.1
Procedure:	Clause 5.4.3.2.1

7.2.1 E.U.T. Operation

Environmental Conditions					
Temperature:	24.3 °C	Humidity:	51.5 %	Atmospheric Pressure:	101.4 kPa
Test mode:	TM1, TM2, TM3				

7.2.2 Basic Test Setup Block Diagram



7.2.3 Summary of Test Results

Please Refer to Appendix for Details.



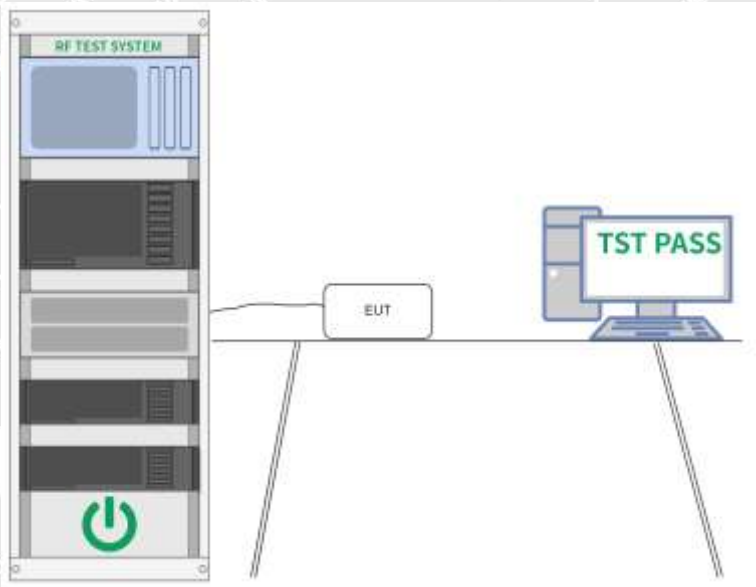
7.3 Adaptivity (Channel access mechanism)

Test Requirement:	Clause 4.3.2.6.1
Test Limit:	Clause 4.3.2.6.3.2.3
Test Method:	Clause 5.4.6.2.1.4

7.3.1 E.U.T. Operation

Environmental Conditions					
Temperature:	24.3 °C	Humidity:	51.5 %	Atmospheric Pressure:	101.4 kPa
Test mode:	TM5, TM6, TM7				

7.3.2 Basic Test Setup Block Diagram



7.3.3 Summary of Test Results

Please Refer to Appendix for Details.



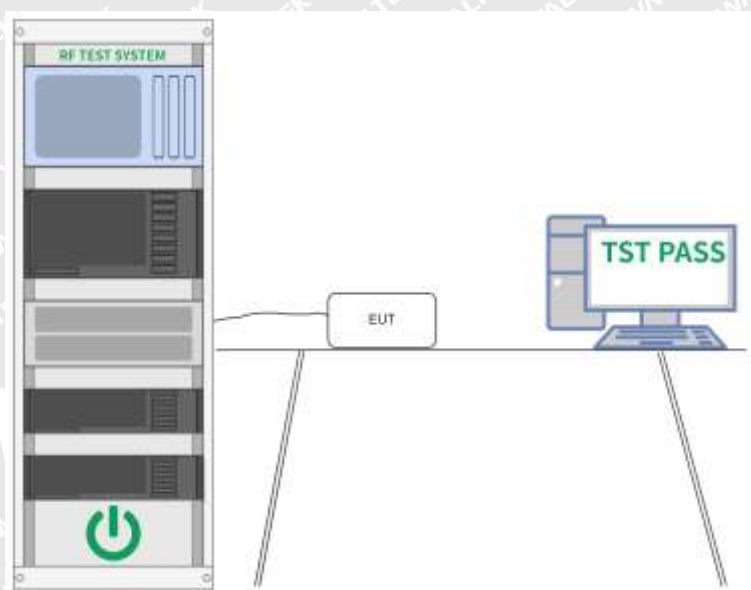
7.4 Occupied Channel Bandwidth

Test Requirement:	Clause 4.3.2.7.1
Test Limit:	Clause 4.3.2.7.3
Test Method:	Clause 5.4.7.2.1
Procedure:	Clause 5.4.7.2

7.4.1 E.U.T. Operation

Environmental Conditions					
Temperature:	24.3 °C	Humidity:	51.5 %	Atmospheric Pressure:	101.4 kPa
Test mode:	TM1, TM2, TM3				

7.4.2 Basic Test Setup Block Diagram



7.4.3 Summary of Test Results

Please Refer to Appendix for Details.



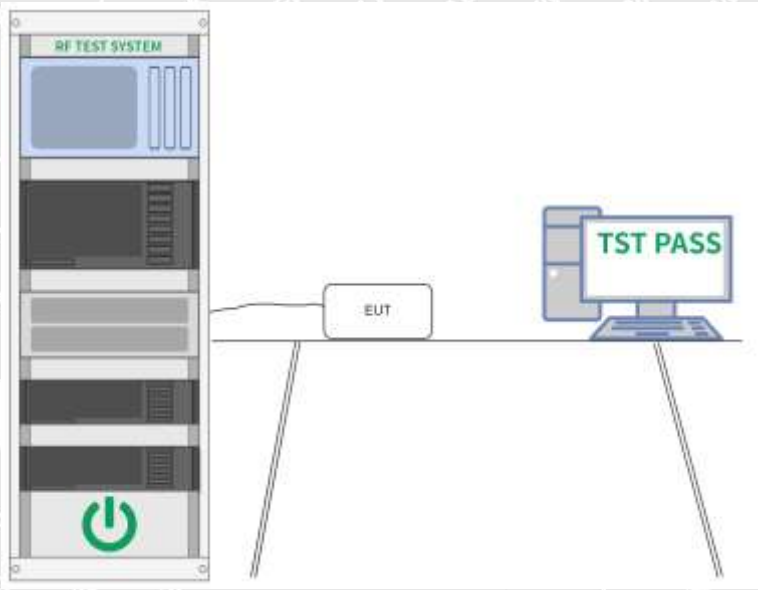
7.5 Transmitter unwanted emissions in the out-of-band domain

Test Requirement:	Clause 4.3.2.8.1
Test Limit:	Clause 4.3.2.8.3
Test Method:	Clause 5.4.8.2.1
Procedure:	Clause 5.4.8.2.1

7.5.1 E.U.T. Operation

Environmental Conditions					
Temperature:	24.3 °C	Humidity:	51.5 %	Atmospheric Pressure:	101.4 kPa
Test mode:	TM1, TM2, TM3				

7.5.2 Basic Test Setup Block Diagram



7.5.3 Summary of Test Results

Please Refer to Appendix for Details.



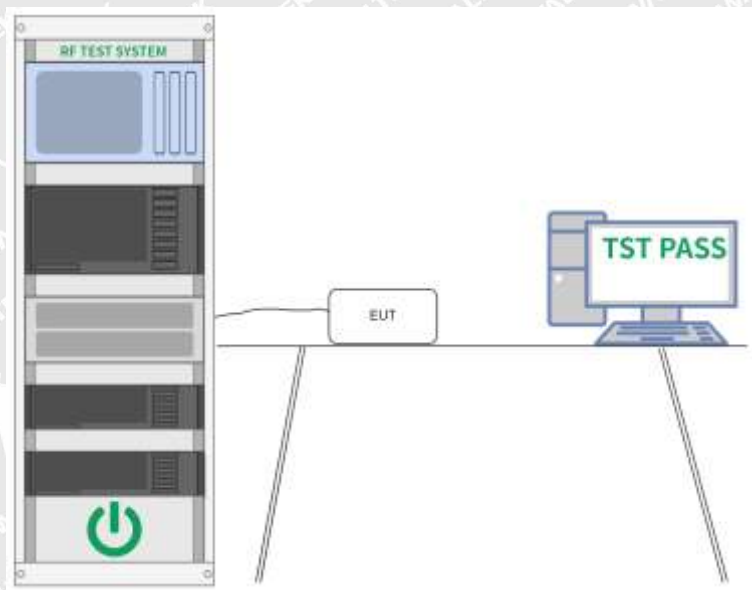
7.6 Transmitter unwanted emissions in the spurious domain, conducted

Test Requirement:	Clause 4.3.2.9.1
Test Limit:	Clause 4.3.2.9.3
Test Method:	Clause 5.4.9.2.1
Procedure:	Clause 5.4.9.2.1

7.6.1 E.U.T. Operation

Environmental Conditions					
Temperature:	24.3 °C	Humidity:	51.5 %	Atmospheric Pressure:	101.4 kPa
Test mode:	TM1, TM2, TM3				

7.6.2 Basic Test Setup Block Diagram



7.6.3 Summary of Test Results

Please Refer to Appendix for Details.



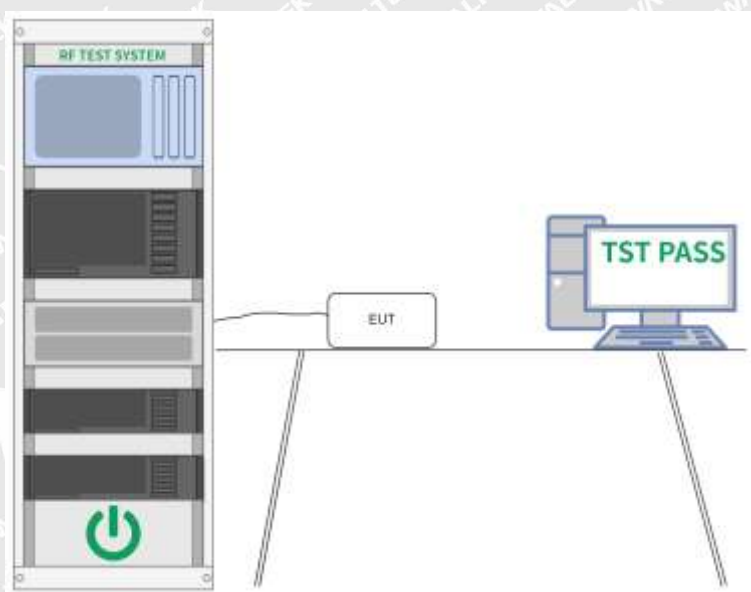
7.7 Receiver spurious emissions, conducted

Test Requirement:	Clause 4.3.2.10.1
Test Limit:	Clause 4.3.2.10.3
Test Method:	Clause 5.4.10.2.1
Procedure:	Clause 5.4.10.2.1

7.7.1 E.U.T. Operation

Environmental Conditions					
Temperature:	24.3 °C	Humidity:	51.5 %	Atmospheric Pressure:	101.4 kPa
Test mode:	TM4				

7.7.2 Basic Test Setup Block Diagram



7.7.3 Summary of Test Results

Please Refer to Appendix for Details.

**7.8 Transmitter unwanted emissions in the spurious domain (30MHz to 1GHz)**

Test Requirement:	Clause 4.3.2.9.1
Test Limit:	Clause 4.3.2.9.3
Test Method:	Clause 5.4.9.2.2
Procedure:	Clause 5.4.9.2.2

7.8.1 E.U.T. Operation

Environmental Conditions					
Temperature:	25.1 °C	Humidity:	45.9 %	Atmospheric Pressure:	101.1 kPa
Test mode:	TM1, TM2, TM3				

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7.8.2 Summary of Test Results

Frequency	Receiver Reading	Turn table Angle	RX Antenna		Substituted			Absolute Level	Result	
			Height	Polar	SG Level	Cable	Antenna Gain		Limit	Margin
(MHz)	(dBμV)	Degree	(m)	(H/V)	(dBm)	(dB)	(dB)	(dBm)	(dBm)	(dB)
802.11b low channel										
136.27	45.21	290	1.3	H	-55.29	2.01	9.40	-47.90	-36	-11.90
136.27	48.08	166	1.0	V	-51.27	2.01	9.40	-43.88	-36	-7.88
542.63	20.56	79	1.8	H	-79.94	3.11	19.68	-63.37	-54	-9.37
542.63	23.87	295	1.0	V	-75.48	3.11	19.68	-58.91	-54	-4.91
802.11b High channel										
136.27	44.39	126	1.3	H	-56.11	2.01	9.40	-48.72	-36	-12.72
136.27	47.77	278	1.8	V	-51.58	2.01	9.40	-44.19	-36	-8.19
542.63	18.72	154	1.1	H	-81.78	3.11	19.68	-65.21	-54	-11.21
542.63	23.42	54	1.9	V	-75.93	3.11	19.68	-59.36	-54	-5.36

Remark: only the worst case 802.11b mode is recorded.

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7.9 Transmitter unwanted emissions in the spurious domain (above 1GHz)

Test Requirement:	Clause 4.3.2.9.1
Test Limit:	Clause 4.3.2.9.3
Test Method:	Clause 5.4.9.2.2
Procedure:	Clause 5.4.9.2.2

7.9.1 E.U.T. Operation

Environmental Conditions					
Temperature:	25.1 °C	Humidity:	45.9 %	Atmospheric Pressure:	101.1 kPa
Test mode:	TM1, TM2, TM3				

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7.9.2 Summary of Test Results

Frequency	Receiver Reading	Turn table Angle	RX Antenna		Substituted			Absolute Level	Result	
			Height	Polar	SG Level	Cable	Antenna Gain		Limit	Margin
(MHz)	(dB μ V)	Degree	(m)	(H/V)	(dBm)	(dB)	(dB)	(dBm)	(dBm)	(dB)
802.11b low channel										
4824.00	55.12	169	1.6	H	-54.34	2.64	12.70	-44.28	-30	-14.28
4824.00	59.83	157	1.6	V	-48.36	2.64	12.70	-38.30	-30	-8.30
7236.00	51.35	349	1.9	H	-56.29	3.22	11.70	-47.81	-30	-17.81
7236.00	58.98	186	1.9	V	-48.54	3.22	11.70	-40.06	-30	-10.06
802.11b High channel										
4944.00	55.26	252	1.2	H	-53.77	2.40	11.60	-44.57	-30	-14.57
4944.00	60.70	303	1.2	V	-47.86	2.40	11.60	-38.66	-30	-8.66
7416.00	52.08	309	1.4	H	-54.46	3.28	11.90	-45.84	-30	-15.84
7416.00	59.75	343	1.4	V	-46.96	3.28	11.90	-38.34	-30	-8.34

Remark: only the worst case 802.11b mode is recorded.

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**7.10 Receiver spurious emissions (30MHz to 1GHz)**

Test Requirement:	Clause 4.3.2.10.1
Test Limit:	Clause 4.3.2.10.3
Test Method:	Clause 5.4.10.2.2
Procedure:	Clause 5.4.10.2.2

7.10.1 E.U.T. Operation

Environmental Conditions					
Temperature:	25.1 °C	Humidity:	45.9 %	Atmospheric Pressure:	101.1 kPa
Test mode:	TM4				

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**7.10.2 Summary of Test Results**

Frequency	Receiver Reading	Turn table Angle	RX Antenna		Substituted			Absolute Level	Result	
			Height	Polar	SG Level	Cable	Antenna Gain		Limit	Margin
(MHz)	(dB μ V)	Degree	(m)	(H/V)	(dBm)	(dB)	(dB)	(dBm)	(dBm)	(dB)
802.11b low channel										
203.75	38.22	107	1.9	H	-71.49	0.15	0.00	-71.64	-57	-14.64
203.75	40.13	59	1.8	V	-66.86	0.15	0.00	-67.01	-57	-10.01
945.38	29.55	232	1.2	H	-80.16	0.34	10.50	-70.00	-57	-13.00
945.38	31.60	141	1.5	V	-75.39	0.34	10.50	-65.23	-57	-8.23
802.11b High channel										
203.75	37.41	346	1.9	H	-72.30	0.15	0.00	-72.45	-57	-15.45
203.75	39.71	121	1.4	V	-67.28	0.15	0.00	-67.43	-57	-10.43
945.38	28.61	172	1.9	H	-81.10	0.34	10.50	-70.94	-57	-13.94
945.38	32.72	207	1.4	V	-74.27	0.34	10.50	-64.11	-57	-7.11

Remark: only the worst case 802.11b mode is recorded.

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7.11 Receiver spurious emissions (above 1GHz)

Test Requirement:	Clause 4.3.2.10.1
Test Limit:	Clause 4.3.2.10.3
Test Method:	Clause 5.4.10.2.2
Procedure:	Clause 5.4.10.2.2

7.11.1 E.U.T. Operation

Environmental Conditions					
Temperature:	25.1 °C	Humidity:	45.9 %	Atmospheric Pressure:	101.1 kPa
Test mode:	TM4				

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**7.11.2 Summary of Test Results**

Frequency	Receiver Reading	Turn table Angle	RX Antenna		Substituted			Absolute Level	Result	
			Height	Polar	SG Level	Cable	Antenna Gain		Limit	Margin
(MHz)	(dBμV)	Degree	(m)	(H/V)	(dBm)	(dB)	(dB)	(dBm)	(dBm)	(dB)
802.11b low channel										
2572.55	39.57	217	1.6	H	-69.89	2.15	7.50	-64.54	-47	-17.54
2572.55	43.37	138	1.2	V	-64.82	2.15	7.50	-59.47	-47	-12.47
5367.02	38.96	269	1.2	H	-68.68	2.68	10.40	-60.96	-47	-13.96
5367.02	43.19	221	1.6	V	-64.33	2.68	10.40	-56.61	-47	-9.61
802.11b High channel										
2572.55	38.12	353	1.3	H	-71.34	2.15	7.50	-65.99	-47	-18.99
2572.55	43.65	223	1.6	V	-64.54	2.15	7.50	-59.19	-47	-12.19
5367.02	38.14	357	1.7	H	-69.50	2.68	10.40	-61.78	-47	-14.78
5367.02	43.57	177	1.1	V	-63.95	2.68	10.40	-56.23	-47	-9.23

Remark: only the worst case 802.11b mode is recorded.

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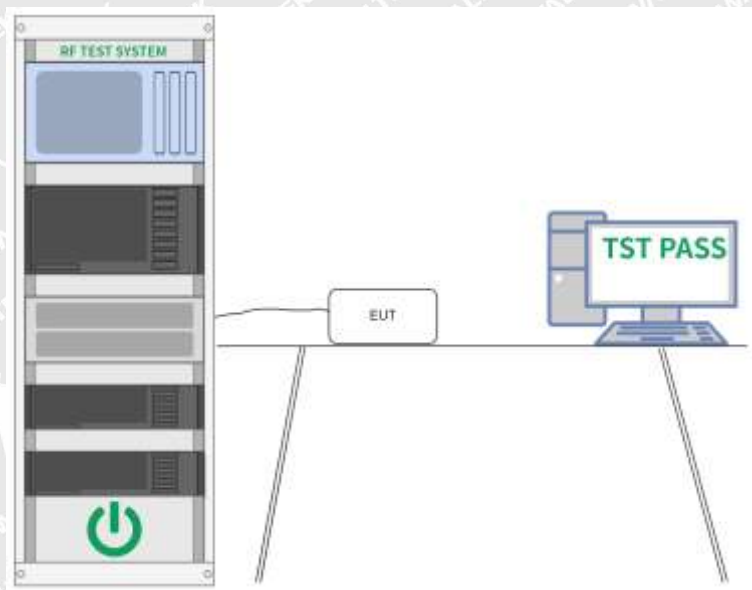
7.12 Receiver Blocking

Test Requirement:	Clause 4.3.2.11.1
Test Limit:	Clause 4.3.2.11.4
Test Method:	Clause 5.4.11.2.1
Procedure:	Clause 5.4.11.2.1

7.12.1 E.U.T. Operation

Environmental Conditions					
Temperature:	24.3 °C	Humidity:	51.5 %	Atmospheric Pressure:	101.4 kPa
Test mode:	TM4				

7.12.2 Basic Test Setup Block Diagram



7.12.3 Summary of Test Results

Please Refer to Appendix for Details.



8 Photographs – Test Setup

Note: Please refer to appendix: Appendix-CVP-0401-Photos

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9 Photographs – Constructional Details

Note: Please refer to appendix: Appendix-CVP-0401-Photos

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10 Appendix

1. RF Output Power, Duty Cycle, Tx-sequence, Tx-gap, Medium Utilization

1.1 Test Result

1.1.1 Power

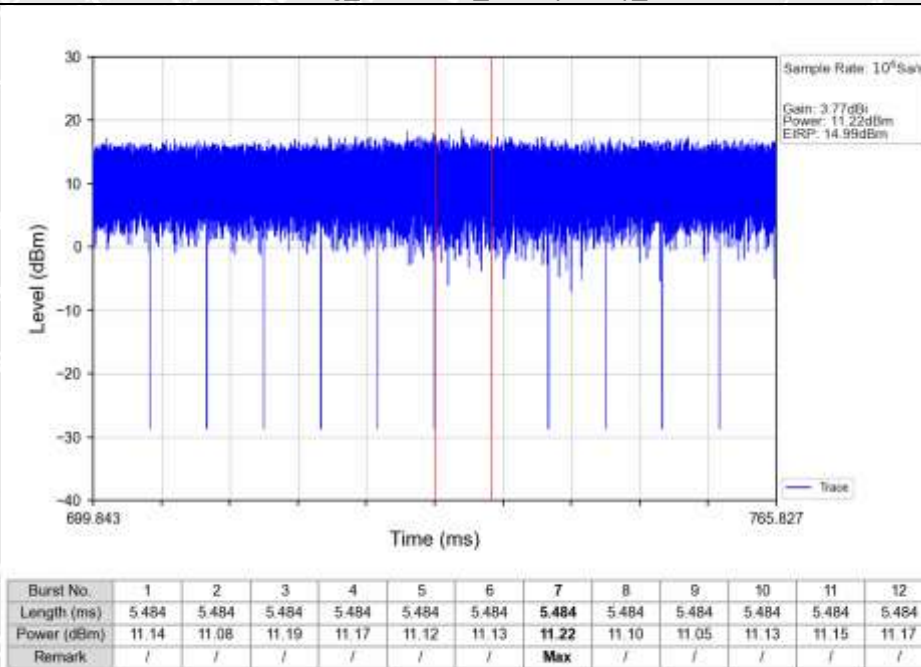
ENV	Mode	TX Type	Frequency (MHz)	ANT	Gain (dBi)	Power (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
NTNV	802.11b	SISO	2412	1	3.77	11.50	15.27	<=20	Pass
			2442	1	3.77	11.79	15.56	<=20	Pass
			2472	1	3.77	11.83	15.60	<=20	Pass
	802.11g	SISO	2412	1	3.77	11.22	14.99	<=20	Pass
			2442	1	3.77	11.62	15.39	<=20	Pass
			2472	1	3.77	11.70	15.47	<=20	Pass
	802.11n (HT20)	SISO	2412	1	3.77	11.26	15.03	<=20	Pass
			2442	1	3.77	11.56	15.33	<=20	Pass
			2472	1	3.77	11.60	15.37	<=20	Pass
HTNV	802.11b	SISO	2412	1	3.77	11.48	15.25	<=20	Pass
			2442	1	3.77	11.83	15.60	<=20	Pass
			2472	1	3.77	11.89	15.66	<=20	Pass
	802.11g	SISO	2412	1	3.77	11.23	15.00	<=20	Pass
			2442	1	3.77	11.63	15.40	<=20	Pass
			2472	1	3.77	11.68	15.45	<=20	Pass
	802.11n (HT20)	SISO	2412	1	3.77	11.25	15.02	<=20	Pass
			2442	1	3.77	11.56	15.33	<=20	Pass
			2472	1	3.77	11.58	15.35	<=20	Pass
LTNV	802.11b	SISO	2412	1	3.77	11.53	15.30	<=20	Pass
			2442	1	3.77	11.76	15.53	<=20	Pass
			2472	1	3.77	11.86	15.63	<=20	Pass
	802.11g	SISO	2412	1	3.77	11.23	15.00	<=20	Pass
			2442	1	3.77	11.60	15.37	<=20	Pass
			2472	1	3.77	11.65	15.42	<=20	Pass
	802.11n (HT20)	SISO	2412	1	3.77	11.23	15.00	<=20	Pass
			2442	1	3.77	11.57	15.34	<=20	Pass
			2472	1	3.77	11.59	15.36	<=20	Pass
Note1: E.I.R.P = Measured Power + Antenna Gain									



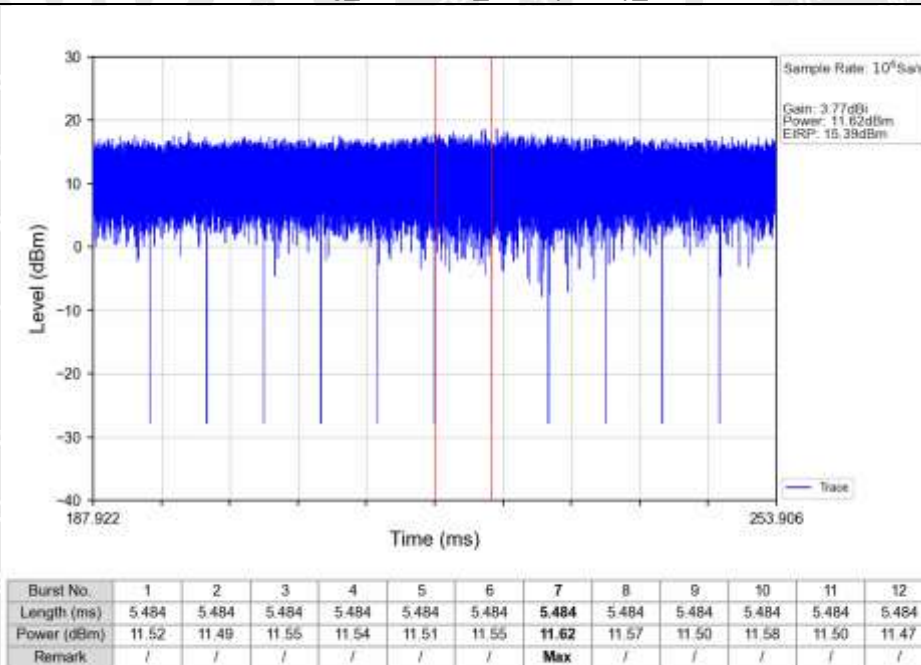
1.2 Test Graph

1.2.1 Power

802.11g_2412MHz_Ant1 (SISO)_NTNV

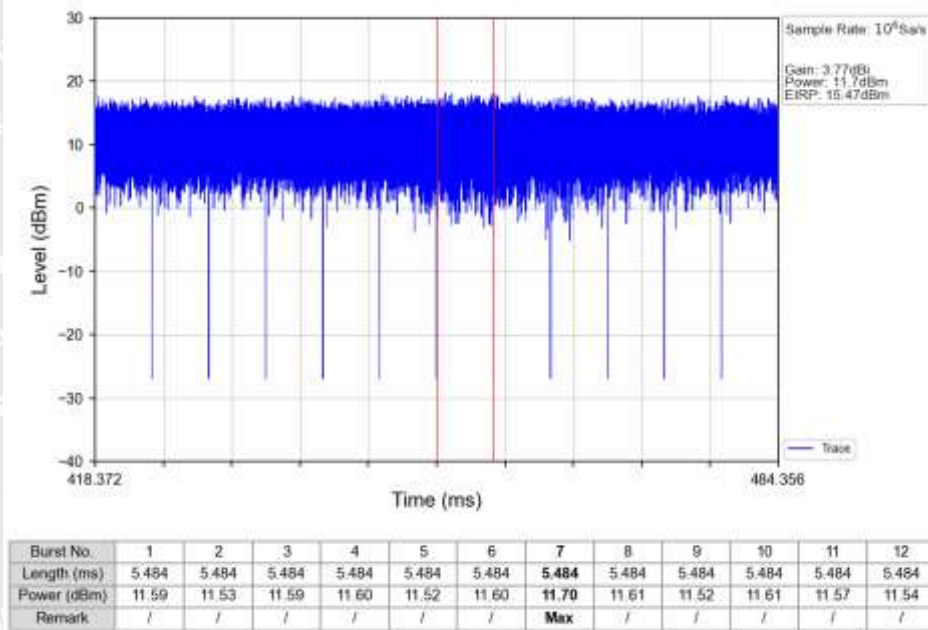


802.11g_2442MHz_Ant1 (SISO)_NTNV

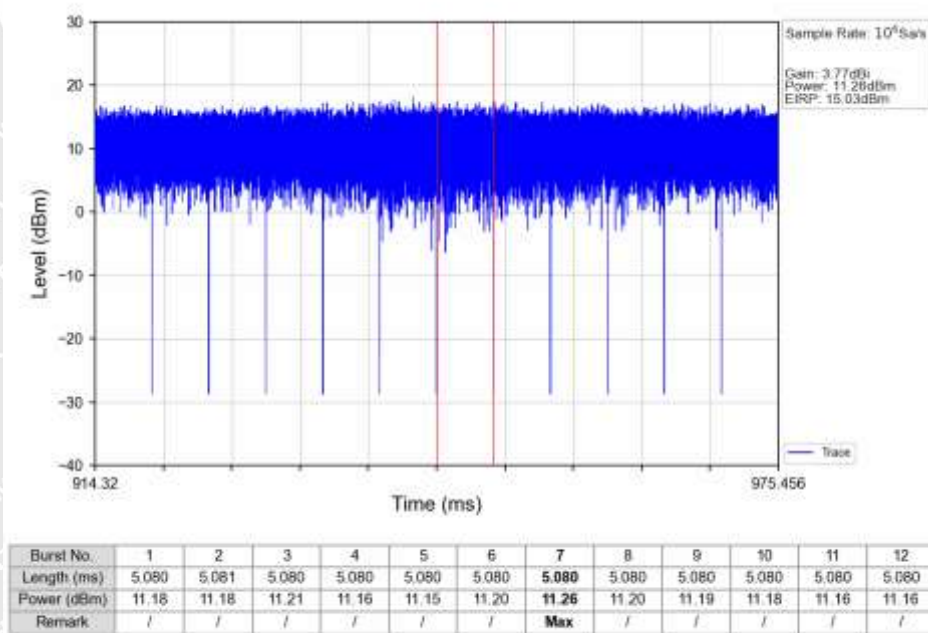




802.11g_2472MHz_Ant1 (SISO)_NTNV

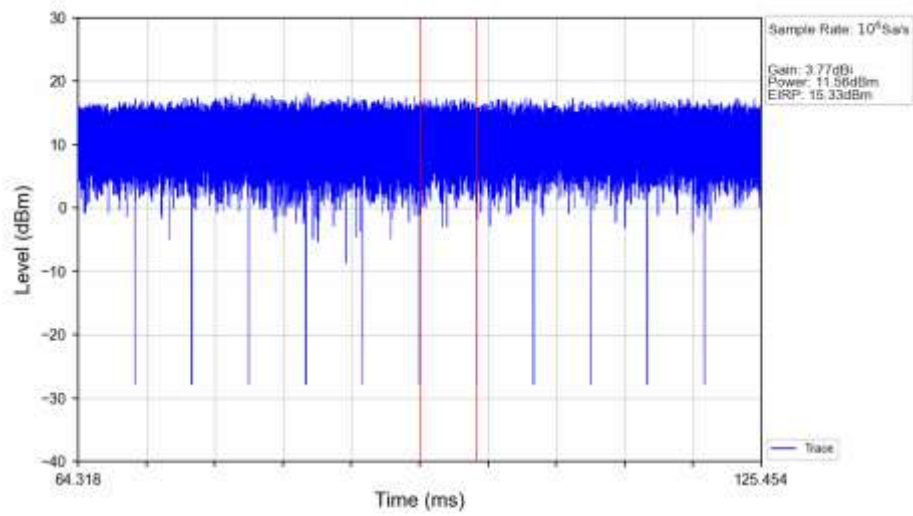


802.11n(HT20)_2412MHz_Ant1 (SISO)_NTNV



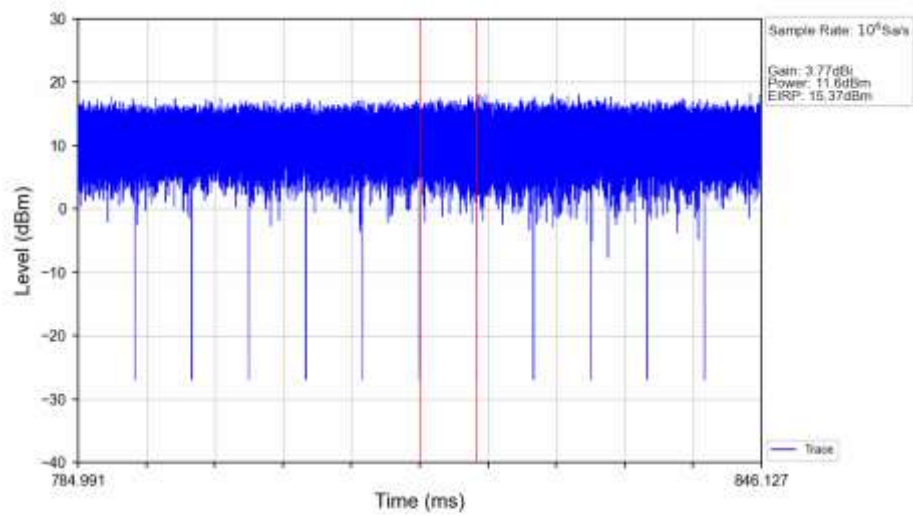


802.11n(HT20)_2442MHz_Ant1 (SISO)_NTNV

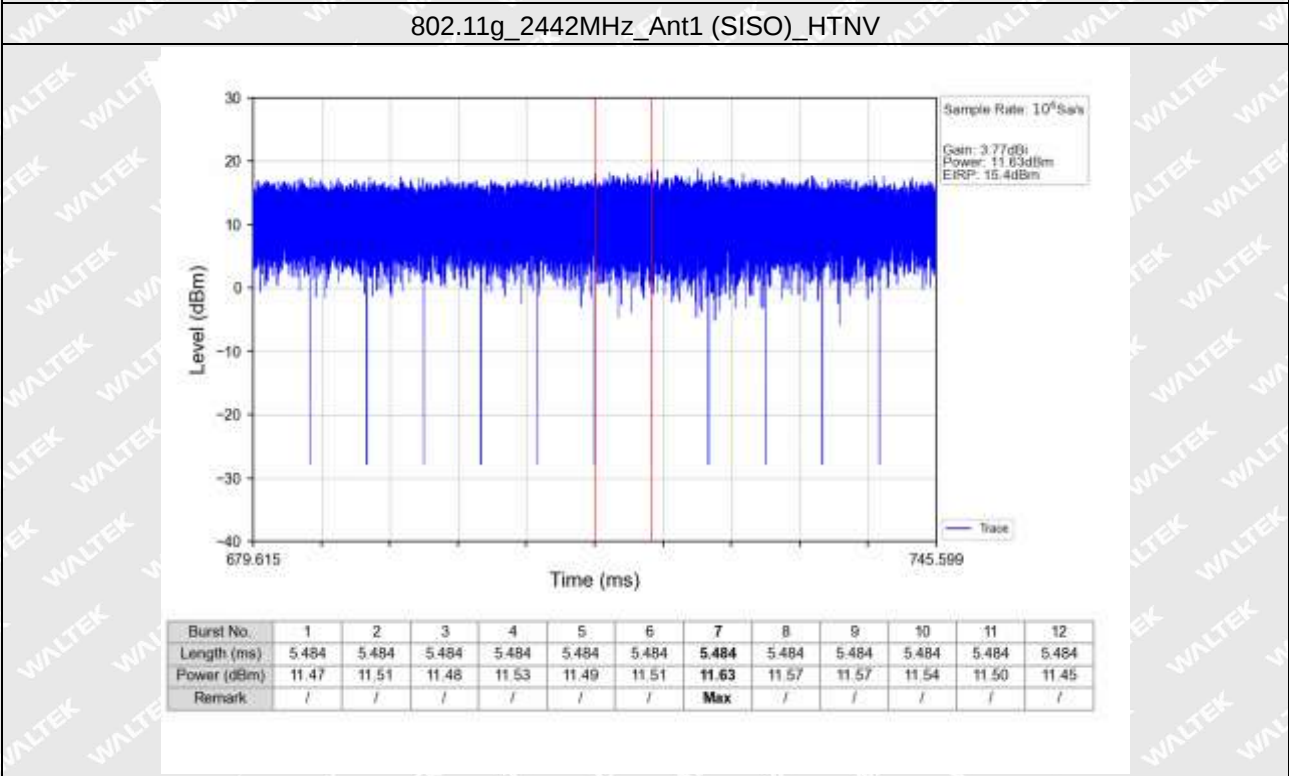
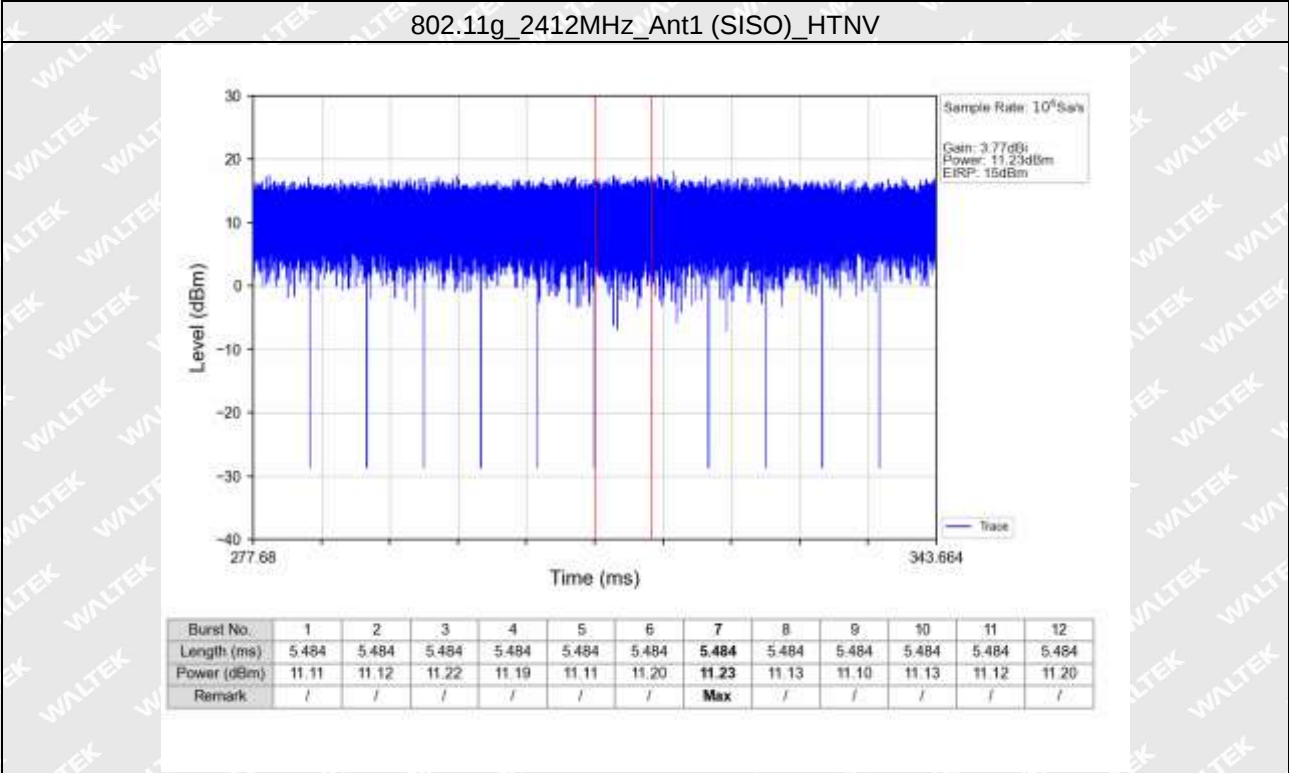


Burst No.	1	2	3	4	5	6	7	8	9	10	11	12
Length (ms)	5.080	5.080	5.080	5.080	5.080	5.080	5.080	5.080	5.080	5.080	5.081	5.081
Power (dBm)	11.45	11.38	11.52	11.49	11.48	11.49	11.56	11.41	11.44	11.37	11.40	11.28
Remark	/	/	/	/	/	/	Max	/	/	/	/	/

802.11n(HT20)_2472MHz_Ant1 (SISO)_NTNV

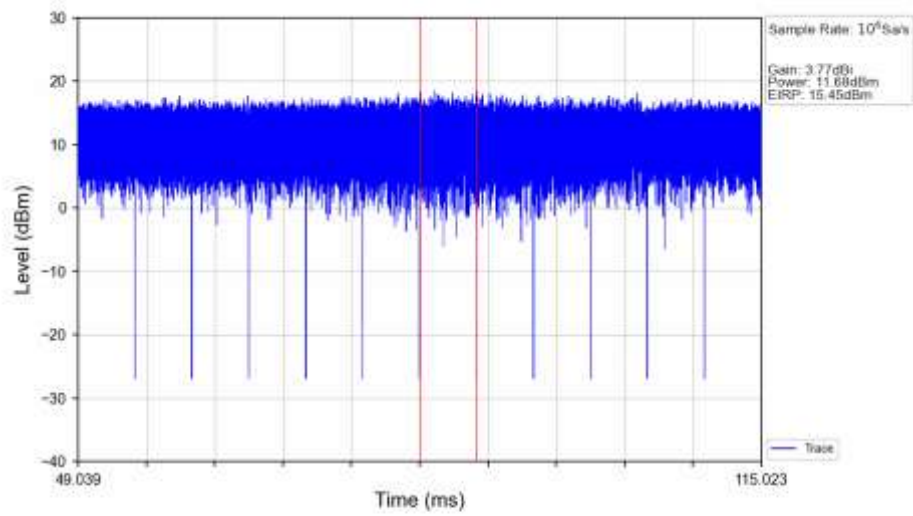


Burst No.	1	2	3	4	5	6	7	8	9	10	11	12
Length (ms)	5.081	5.081	5.080	5.080	5.080	5.080	5.080	5.080	5.080	5.080	5.080	5.080
Power (dBm)	11.47	11.42	11.50	11.44	11.41	11.51	11.60	11.43	11.50	11.53	11.51	11.46
Remark	/	/	/	/	/	/	Max	/	/	/	/	/



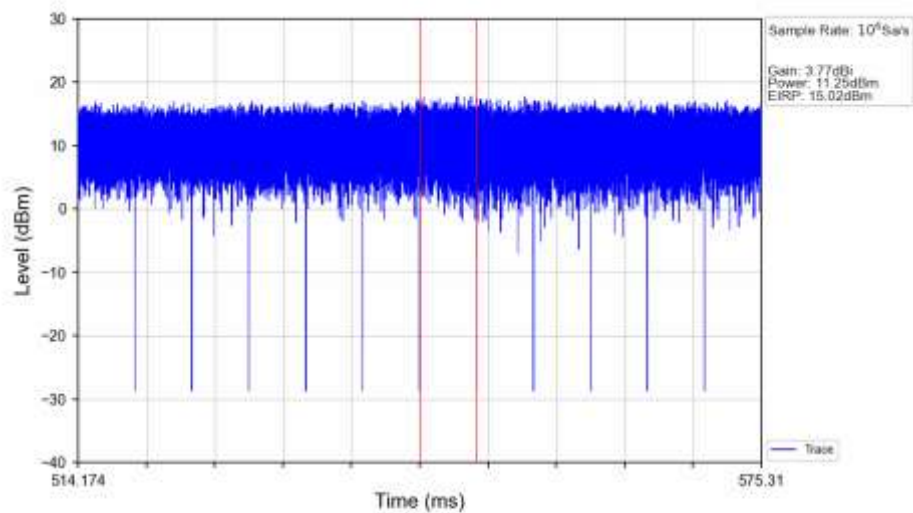


802.11g_2472MHz_Ant1 (SISO)_HTNV



Burst No.	1	2	3	4	5	6	7	8	9	10	11	12
Length (ms)	5.484	5.484	5.484	5.484	5.484	5.484	5.484	5.484	5.484	5.484	5.484	5.484
Power (dBm)	11.50	11.56	11.56	11.55	11.52	11.61	11.68	11.59	11.62	11.57	11.50	11.49
Remark	/	/	/	/	/	/	Max	/	/	/	/	/

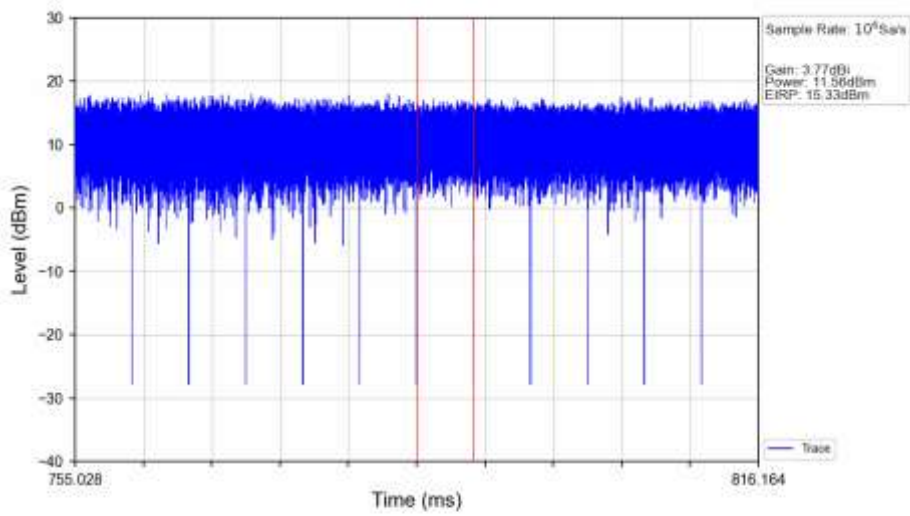
802.11n(HT20)_2412MHz_Ant1 (SISO)_HTNV



Burst No.	1	2	3	4	5	6	7	8	9	10	11	12
Length (ms)	5.080	5.081	5.080	5.080	5.080	5.080	5.080	5.080	5.080	5.080	5.080	5.080
Power (dBm)	11.05	11.09	11.12	11.13	11.08	11.14	11.25	11.14	11.19	11.21	11.18	11.11
Remark	/	/	/	/	/	/	Max	/	/	/	/	/

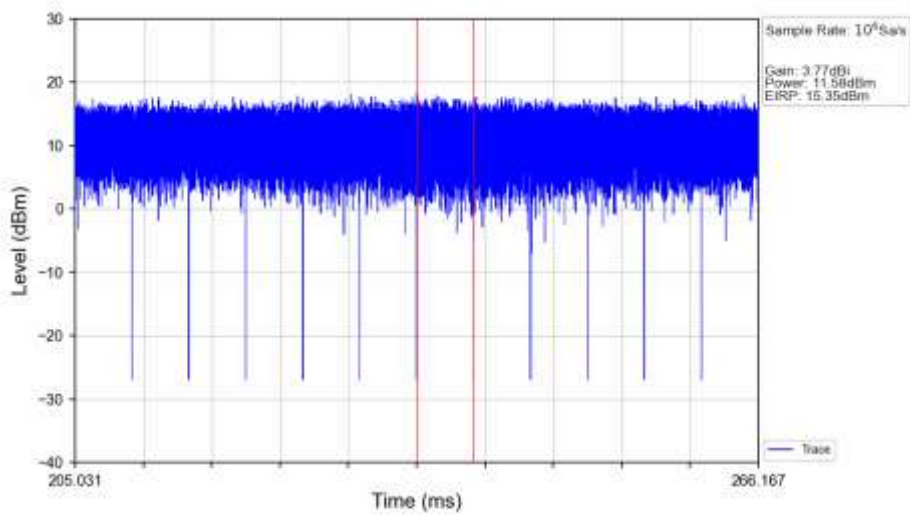


802.11n(HT20)_2442MHz_Ant1 (SISO)_HTNV

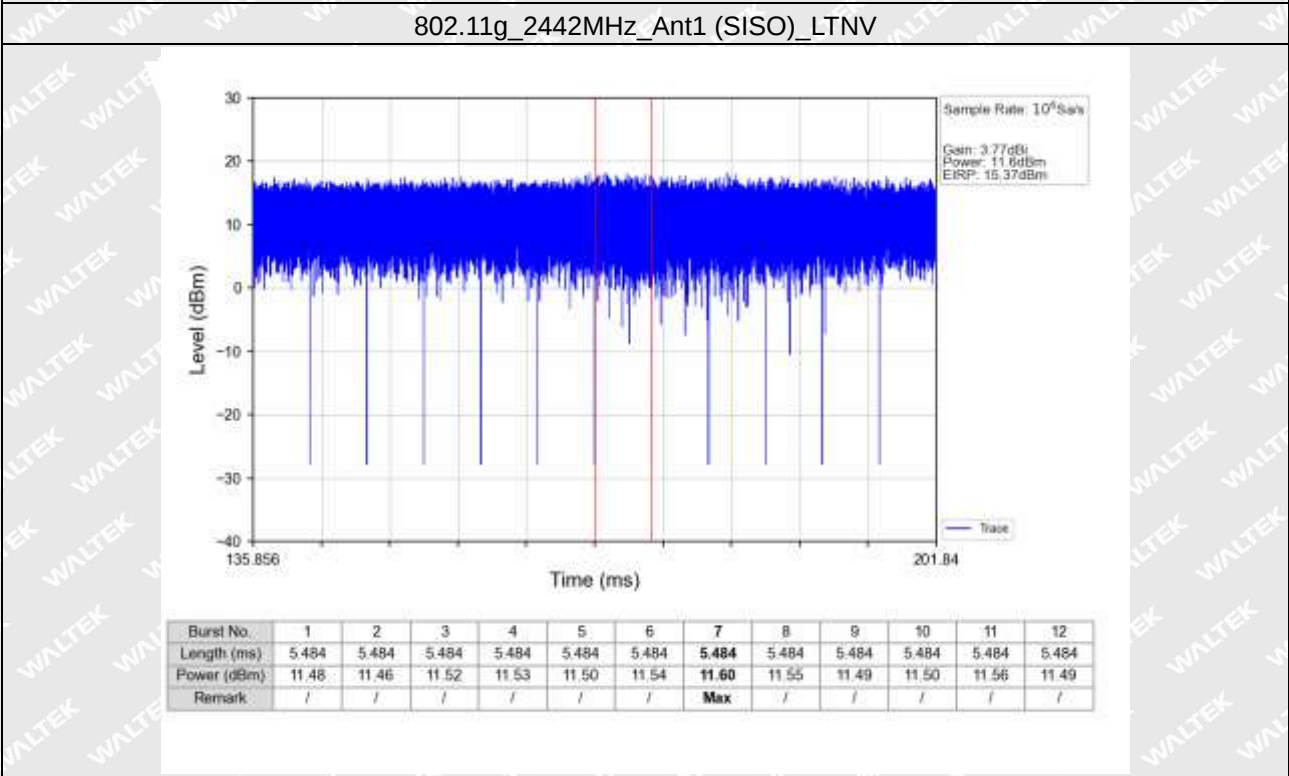
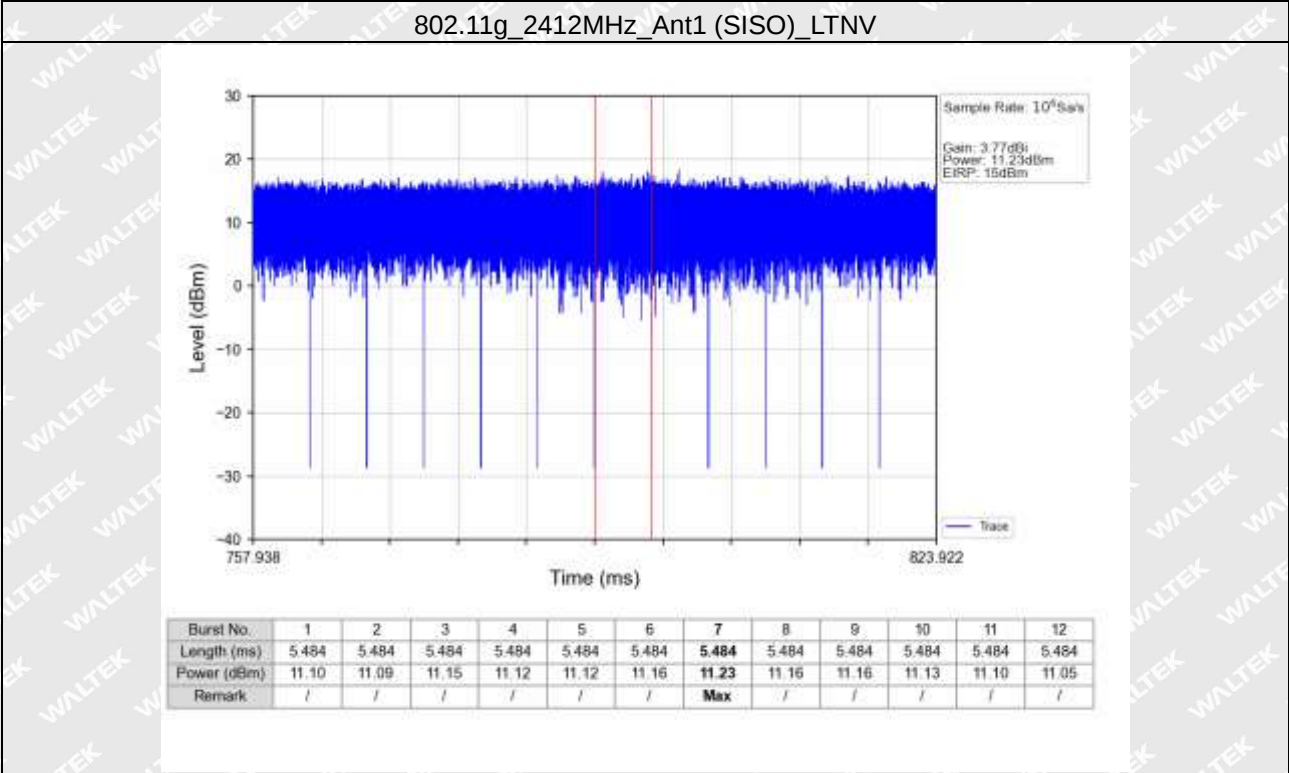


Burst No.	1	2	3	4	5	6	7	8	9	10	11	12
Length (ms)	5.080	5.080	5.080	5.080	5.080	5.080	5.080	5.080	5.081	5.081	5.081	5.081
Power (dBm)	11.47	11.40	11.55	11.48	11.46	11.51	11.56	11.40	11.40	11.23	11.21	11.22
Remark	/	/	/	/	/	/	Max	/	/	/	/	/

802.11n(HT20)_2472MHz_Ant1 (SISO)_HTNV

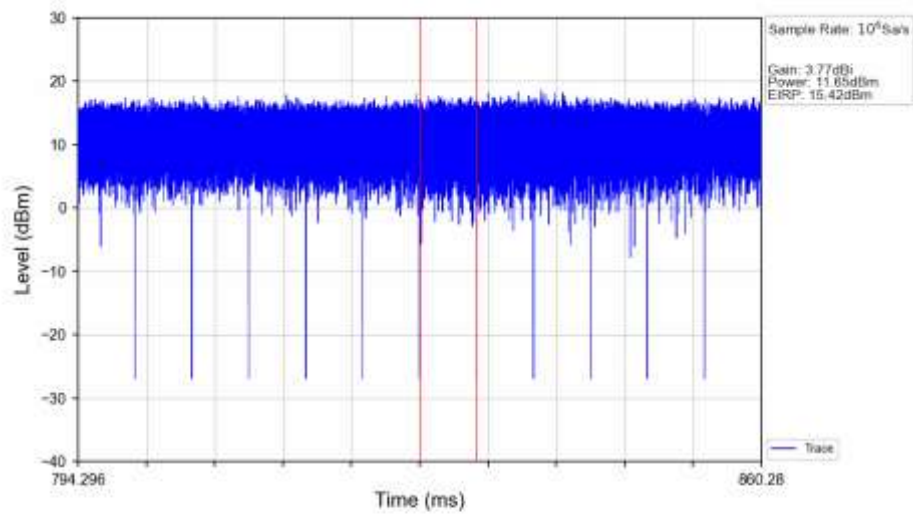


Burst No.	1	2	3	4	5	6	7	8	9	10	11	12
Length (ms)	5.081	5.080	5.080	5.080	5.080	5.080	5.080	5.080	5.080	5.080	5.080	5.080
Power (dBm)	11.50	11.42	11.47	11.50	11.47	11.51	11.58	11.53	11.51	11.47	11.44	11.49
Remark	/	/	/	/	/	/	Max	/	/	/	/	/



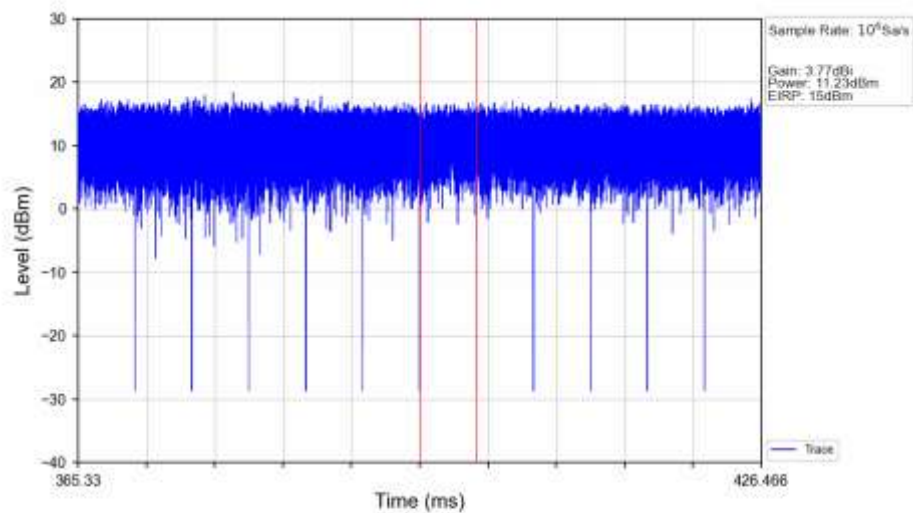


802.11g_2472MHz_Ant1 (SISO)_LTNV



Burst No.	1	2	3	4	5	6	7	8	9	10	11	12
Length (ms)	5.484	5.484	5.484	5.484	5.484	5.484	5.484	5.484	5.484	5.484	5.484	5.484
Power (dBm)	11.55	11.50	11.54	11.60	11.58	11.49	11.65	11.58	11.60	11.56	11.62	11.50
Remark	/	/	/	/	/	/	Max	/	/	/	/	/

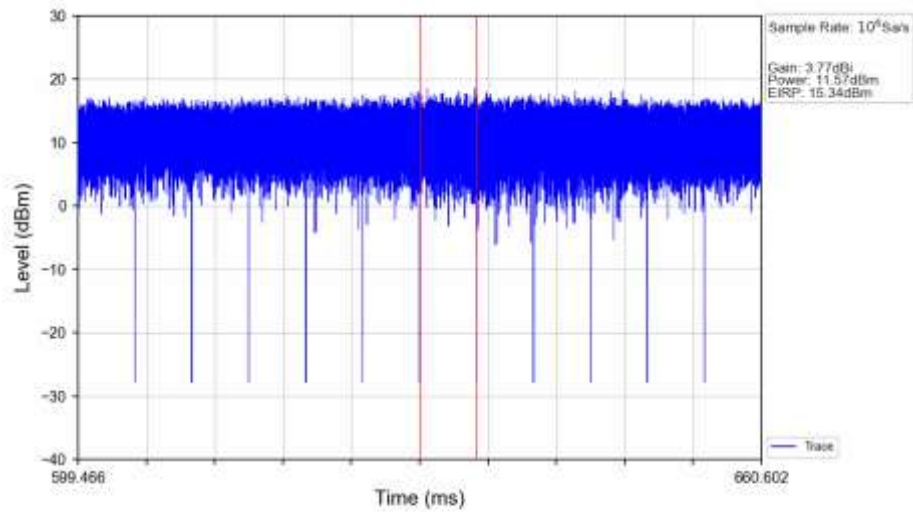
802.11n(HT20)_2412MHz_Ant1 (SISO)_LTNV



Burst No.	1	2	3	4	5	6	7	8	9	10	11	12
Length (ms)	5.080	5.080	5.080	5.080	5.080	5.080	5.080	5.080	5.081	5.081	5.081	5.081
Power (dBm)	11.16	11.11	11.15	11.12	11.17	11.15	11.23	11.06	11.05	10.91	10.86	10.87
Remark	/	/	/	/	/	/	Max	/	/	/	/	/

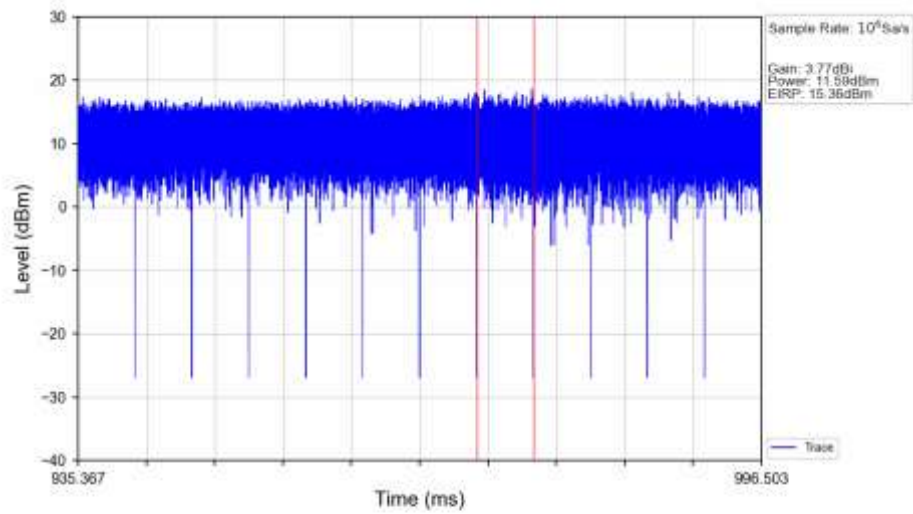


802.11n(HT20)_2442MHz_Ant1 (SISO)_LTV



Burst No.	1	2	3	4	5	6	7	8	9	10	11	12
Length (ms)	5.080	5.080	5.080	5.080	5.080	5.080	5.080	5.080	5.080	5.080	5.080	5.080
Power (dBm)	11.35	11.47	11.41	11.41	11.43	11.45	11.57	11.48	11.50	11.48	11.41	11.42
Remark	/	/	/	/	/	/	Max	/	/	/	/	/

802.11n(HT20)_2472MHz_Ant1 (SISO)_LTV



Burst No.	1	2	3	4	5	6	7	8	9	10	11	12
Length (ms)	5.081	5.081	5.080	5.080	5.080	5.080	5.080	5.080	5.080	5.080	5.080	5.080
Power (dBm)	11.47	11.39	11.51	11.44	11.44	11.46	11.47	11.59	11.51	11.53	11.51	11.45
Remark	/	/	/	/	/	/	/	Max	/	/	/	/



2. Power Spectral Density

2.1 Test Result

2.1.1 PSD

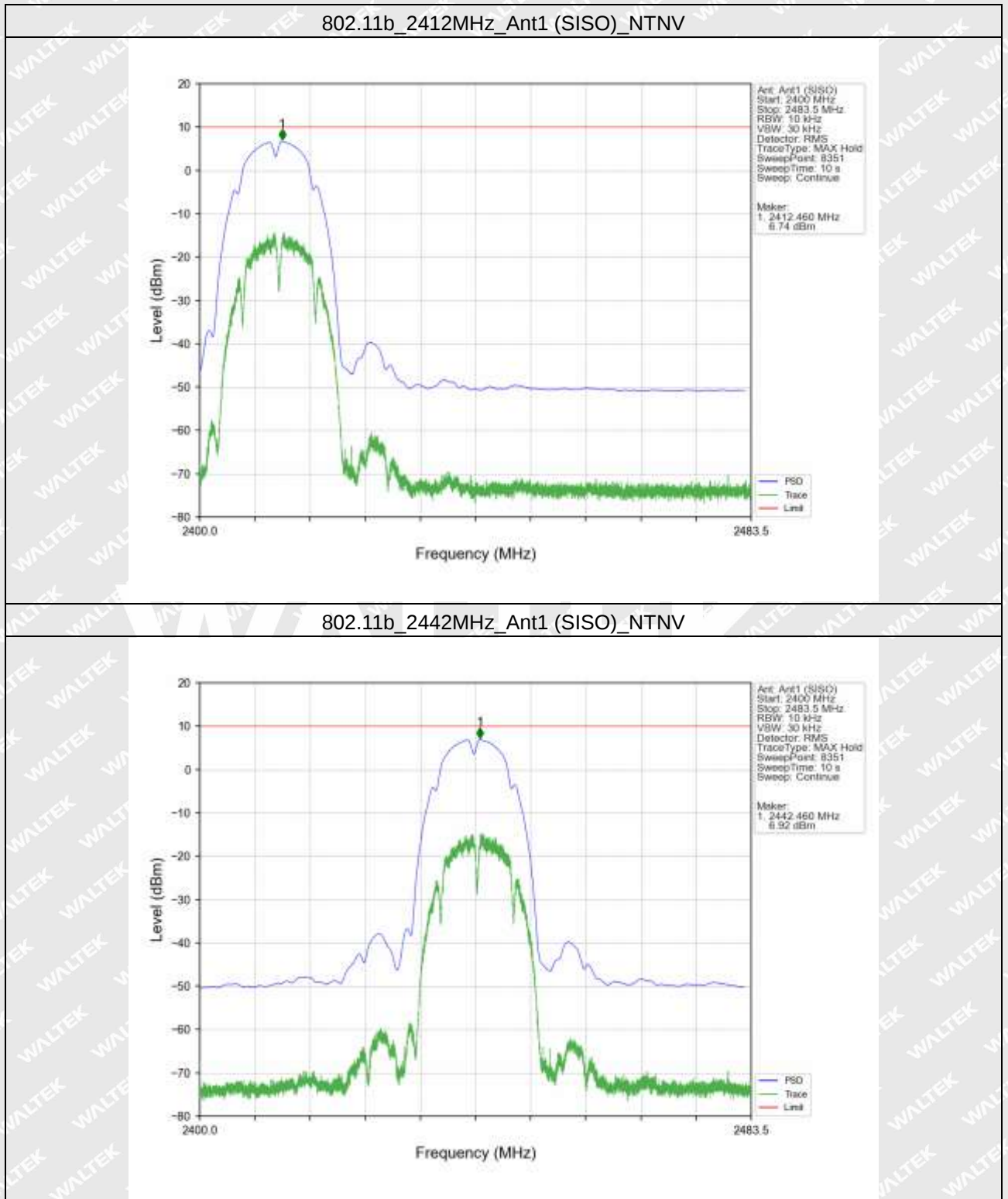
ENV	Mode	TX Type	Frequency (MHz)	ANT	E.I.R.PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
NTNV	802.11b	SISO	2412	1	6.74	<=10	Pass
			2442	1	6.92	<=10	Pass
			2472	1	6.96	<=10	Pass
	802.11g	SISO	2412	1	3.50	<=10	Pass
			2442	1	3.70	<=10	Pass
			2472	1	3.72	<=10	Pass
	802.11n (HT20)	SISO	2412	1	3.26	<=10	Pass
			2442	1	3.42	<=10	Pass
			2472	1	3.28	<=10	Pass

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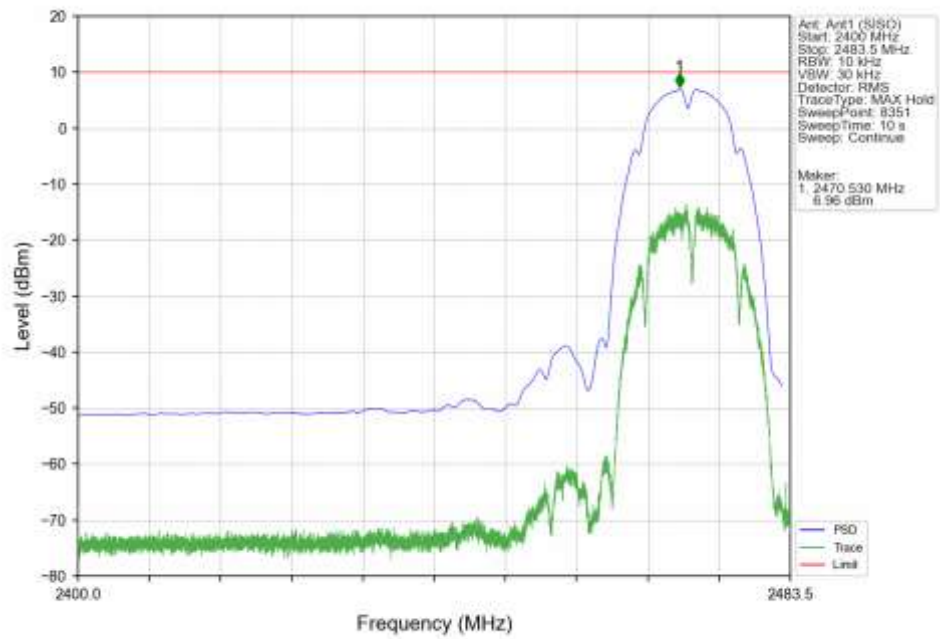
2.2 Test Graph

2.2.1 PSD

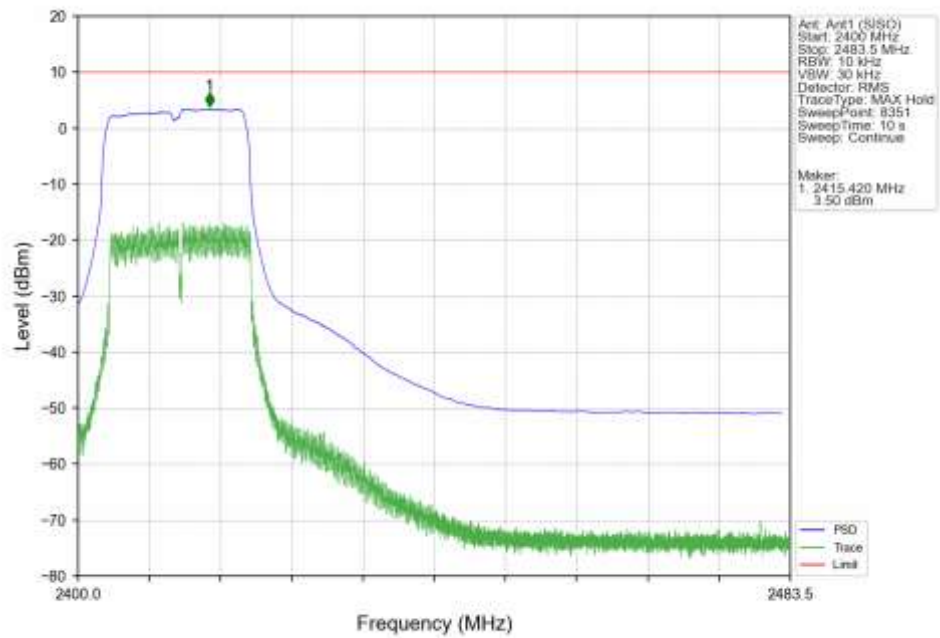


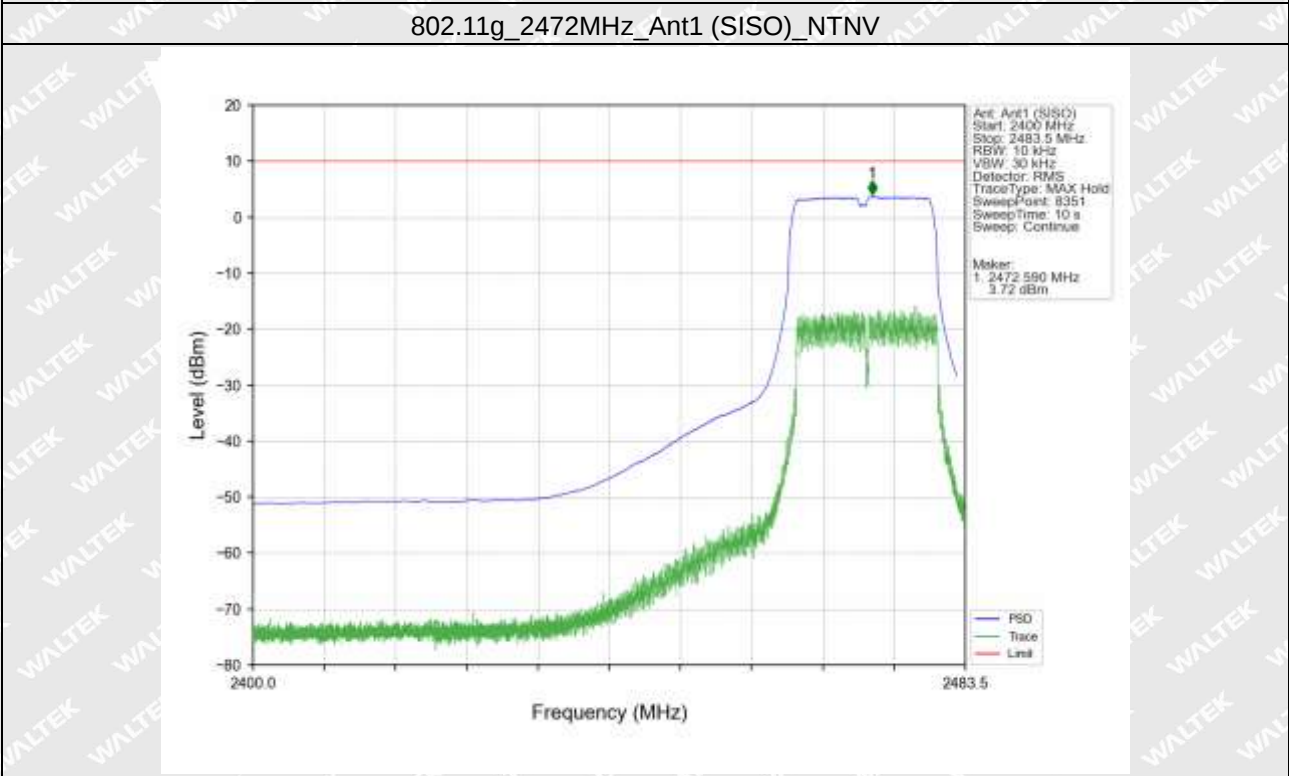
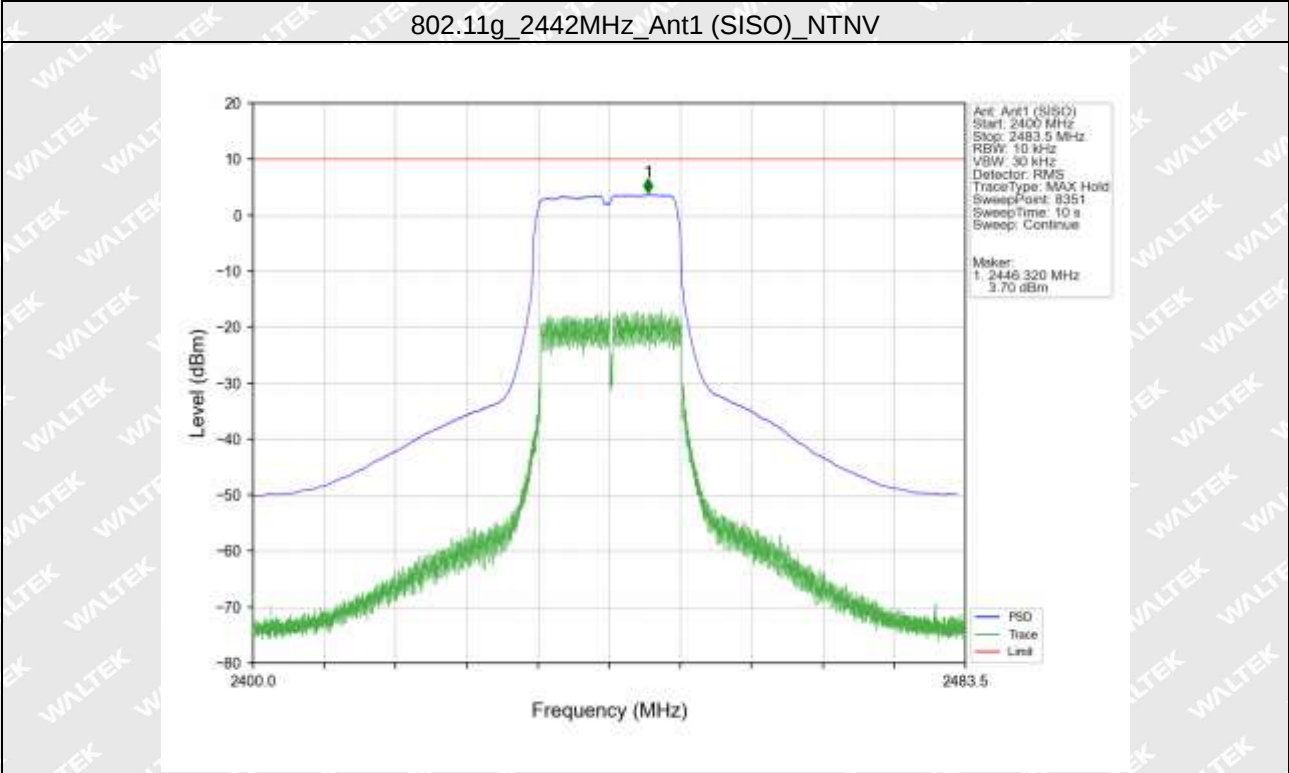


802.11b_2472MHz_Ant1 (SISO)_NTNV



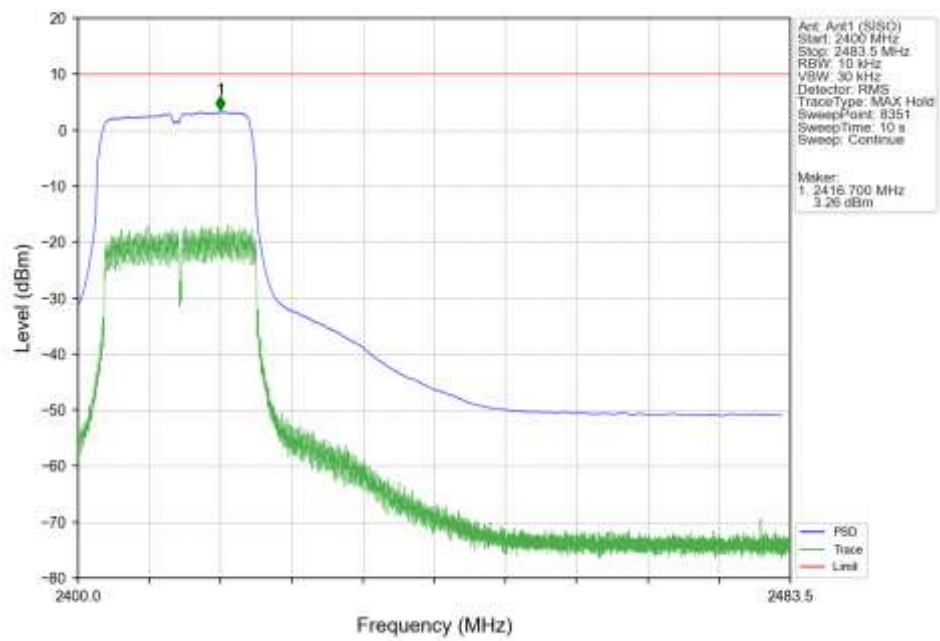
802.11g_2412MHz_Ant1 (SISO)_NTNV



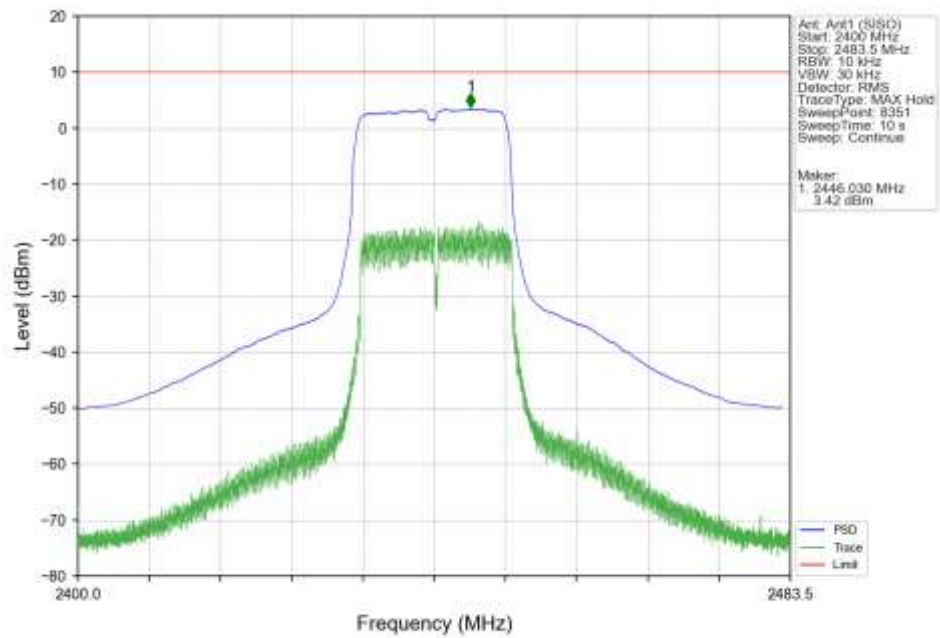


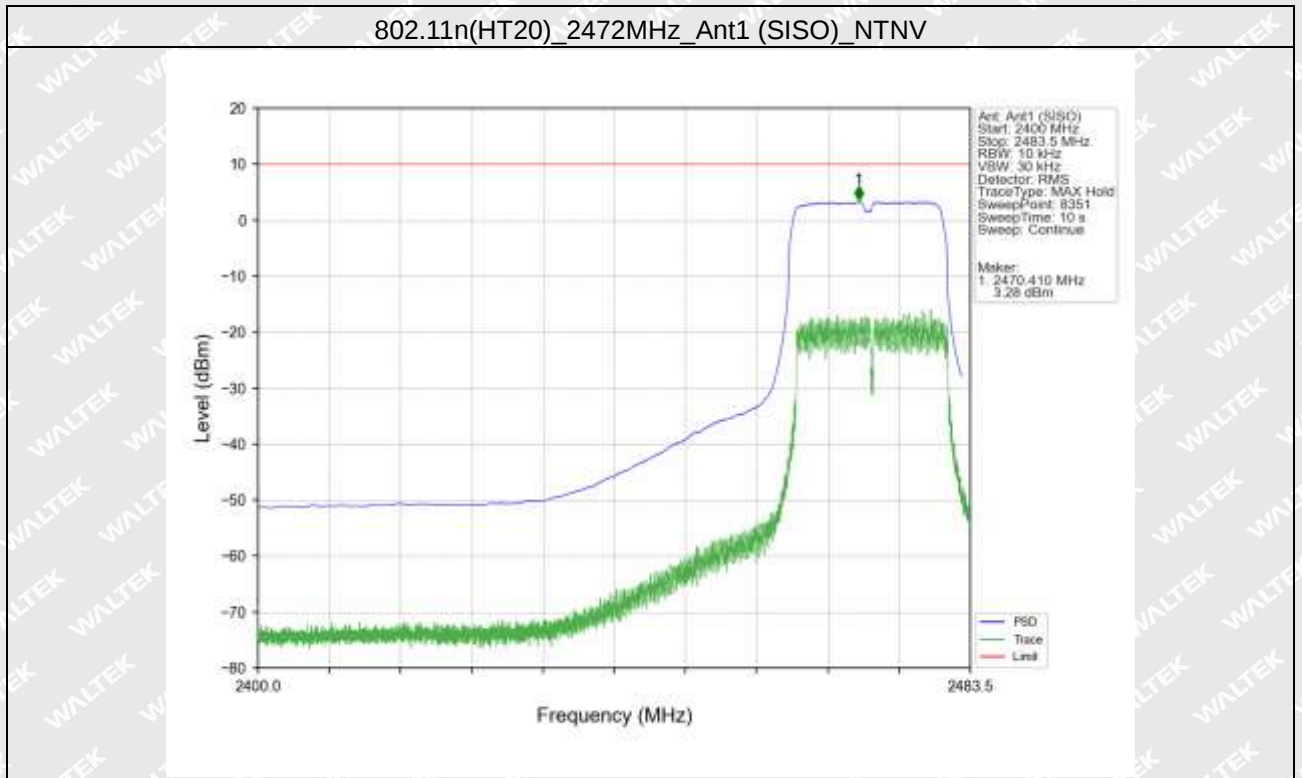


802.11n(HT20)_2412MHz_Ant1 (SISO)_NTNV



802.11n(HT20)_2442MHz_Ant1 (SISO)_NTNV





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3. Adaptivity (Channel Access Mechanism)

3.1 Test Result

3.1.1 COT

ENV	Mode	TX Type	Frequency (MHz)	ANT	Min Idle Time (ms)		Max COT (ms)		Verdict
					Result	Limit	Result	Limit	
NTNV	802.11b	SISO	2412	1	0.050	≥ 0.018	12.640	≤ 13	Pass
			2472	1	0.030	≥ 0.018	12.640	≤ 13	Pass
	802.11g	SISO	2412	1	0.030	≥ 0.018	12.640	≤ 13	Pass
			2472	1	0.040	≥ 0.018	12.640	≤ 13	Pass
	802.11n (HT20)	SISO	2412	1	0.050	≥ 0.018	1.970	≤ 13	Pass
			2472	1	0.040	≥ 0.018	12.640	≤ 13	Pass

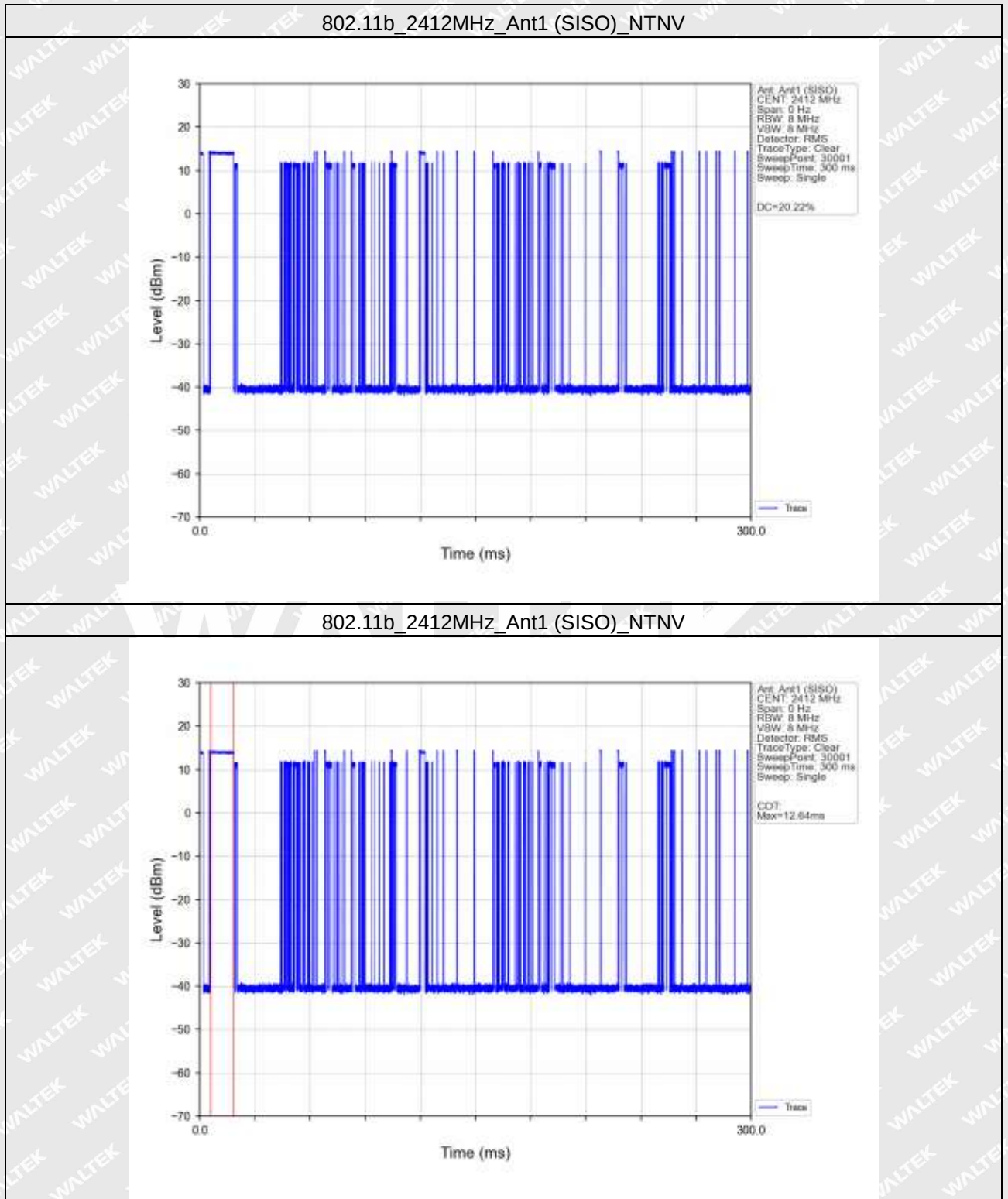
3.1.2 Adaptivity

ENV	Mode	TX Type	Frequency (MHz)	ANT	Interference Signal			Max. Short Control Signal		Verdict
					Type	Add Time (s)	Level (dBm/MHz)	Duty Cycle (%)	Limit (%)	
NTNV	802.11b	SISO	2412	1	AWGN	1.147	-61.5	0.00	≤ 10	Pass
					AWGN+CW	61.147	-61.5	0.00	≤ 10	Pass
			2472	1	AWGN	1.147	-61.83	0.00	≤ 10	Pass
					AWGN+CW	61.147	-61.83	0.00	≤ 10	Pass
	802.11g	SISO	2412	1	AWGN	1.147	-61.22	0.00	≤ 10	Pass
					AWGN+CW	61.147	-61.22	0.00	≤ 10	Pass
			2472	1	AWGN	1.147	-61.7	0.00	≤ 10	Pass
					AWGN+CW	61.147	-61.7	0.00	≤ 10	Pass
	802.11n (HT20)	SISO	2412	1	AWGN	1.147	-61.26	0.00	≤ 10	Pass
					AWGN+CW	61.147	-61.26	0.00	≤ 10	Pass
			2472	1	AWGN	1.147	-61.6	0.00	≤ 10	Pass
					AWGN+CW	61.147	-61.6	0.00	≤ 10	Pass



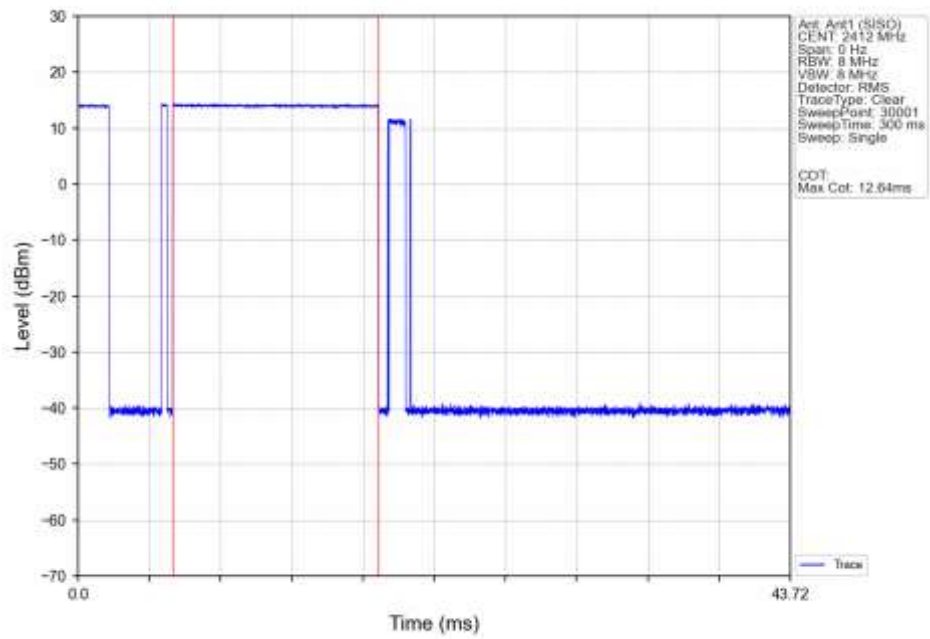
3.2 Test Graph

3.2.1 COT

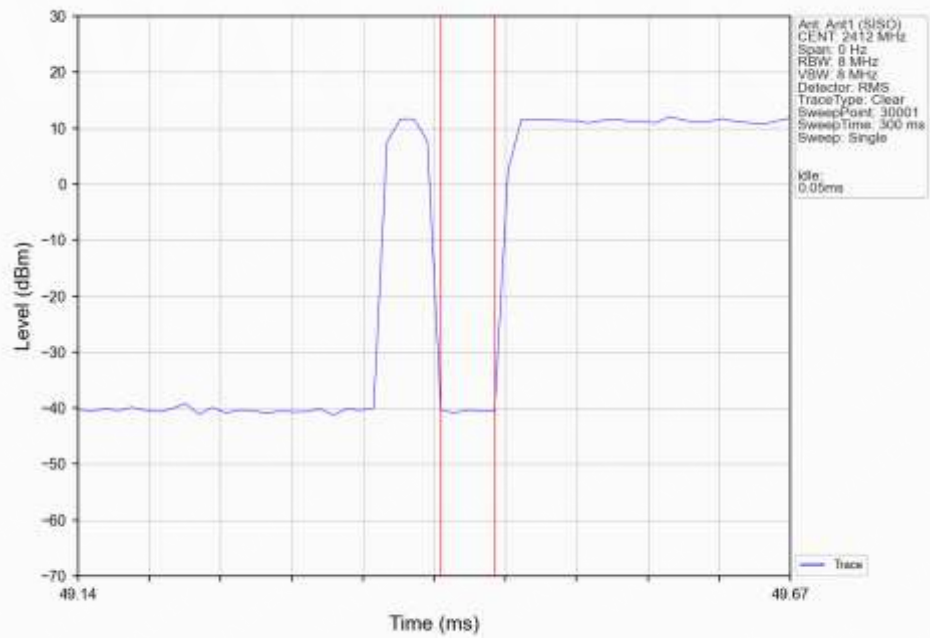




802.11b_2412MHz_Ant1 (SISO)_NTNV

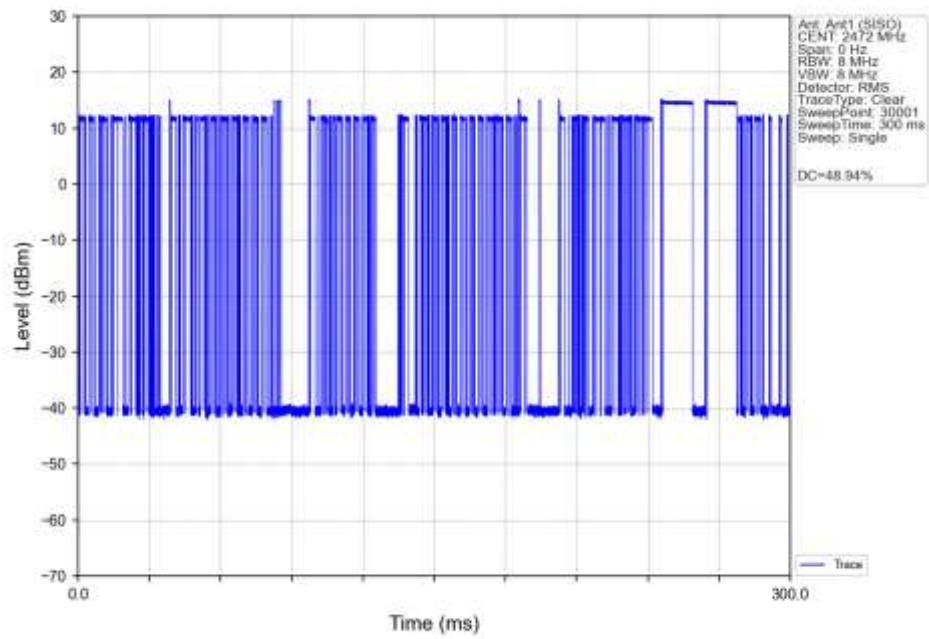


802.11b_2412MHz_Ant1 (SISO)_NTNV

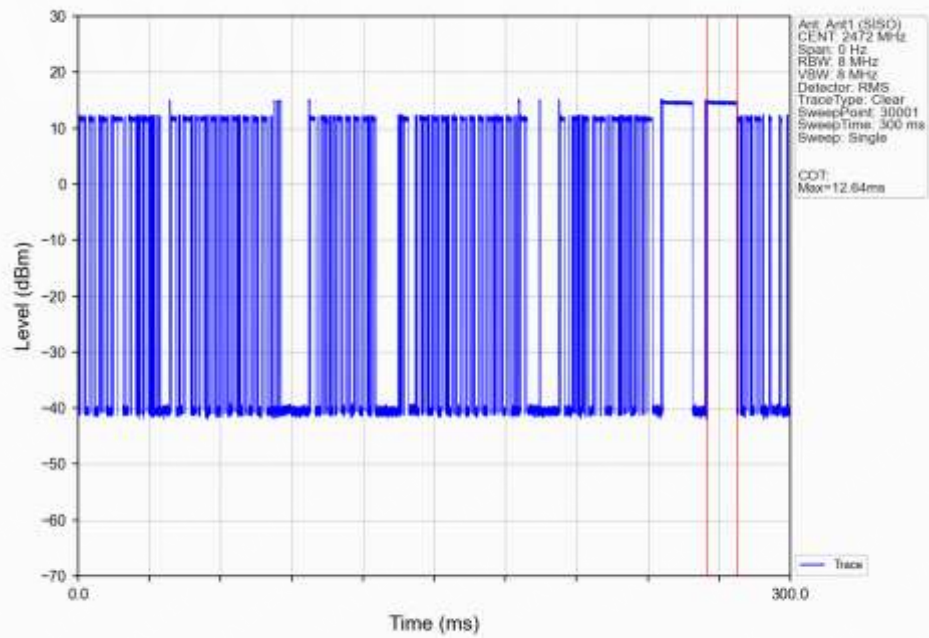


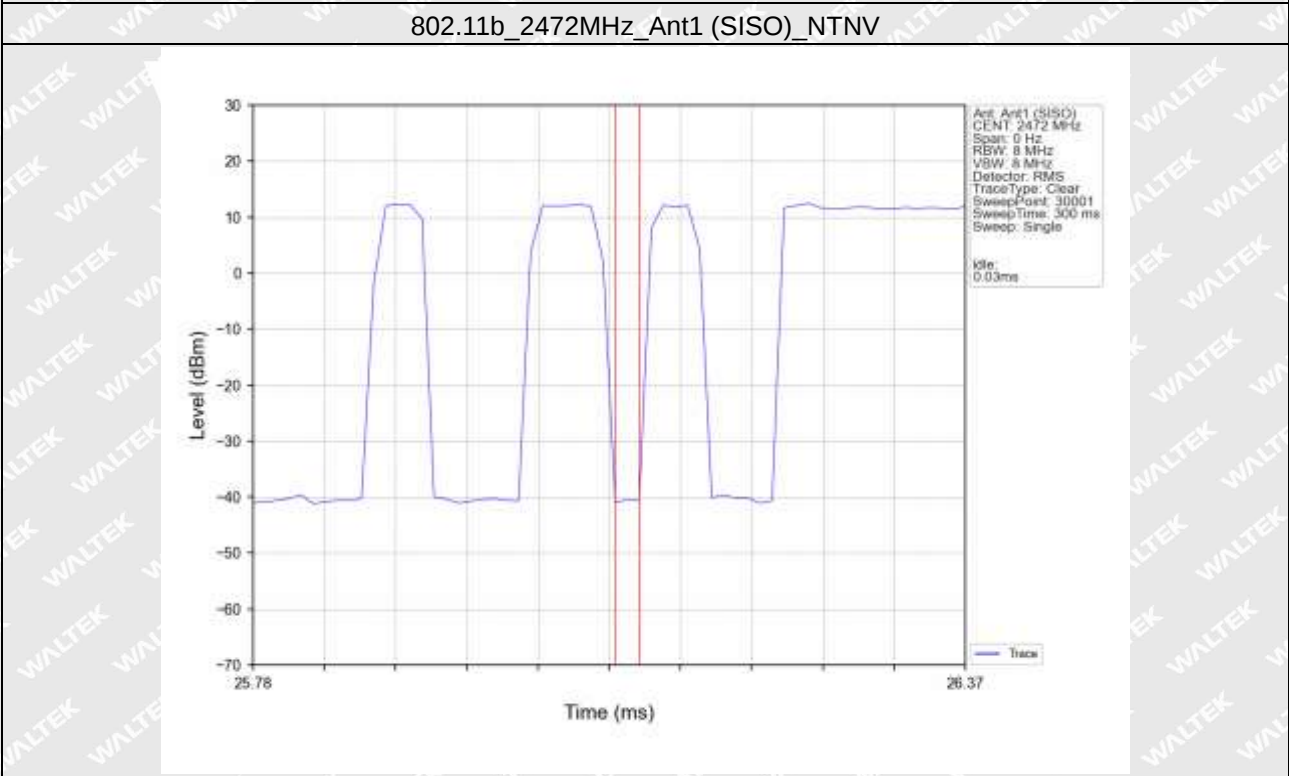
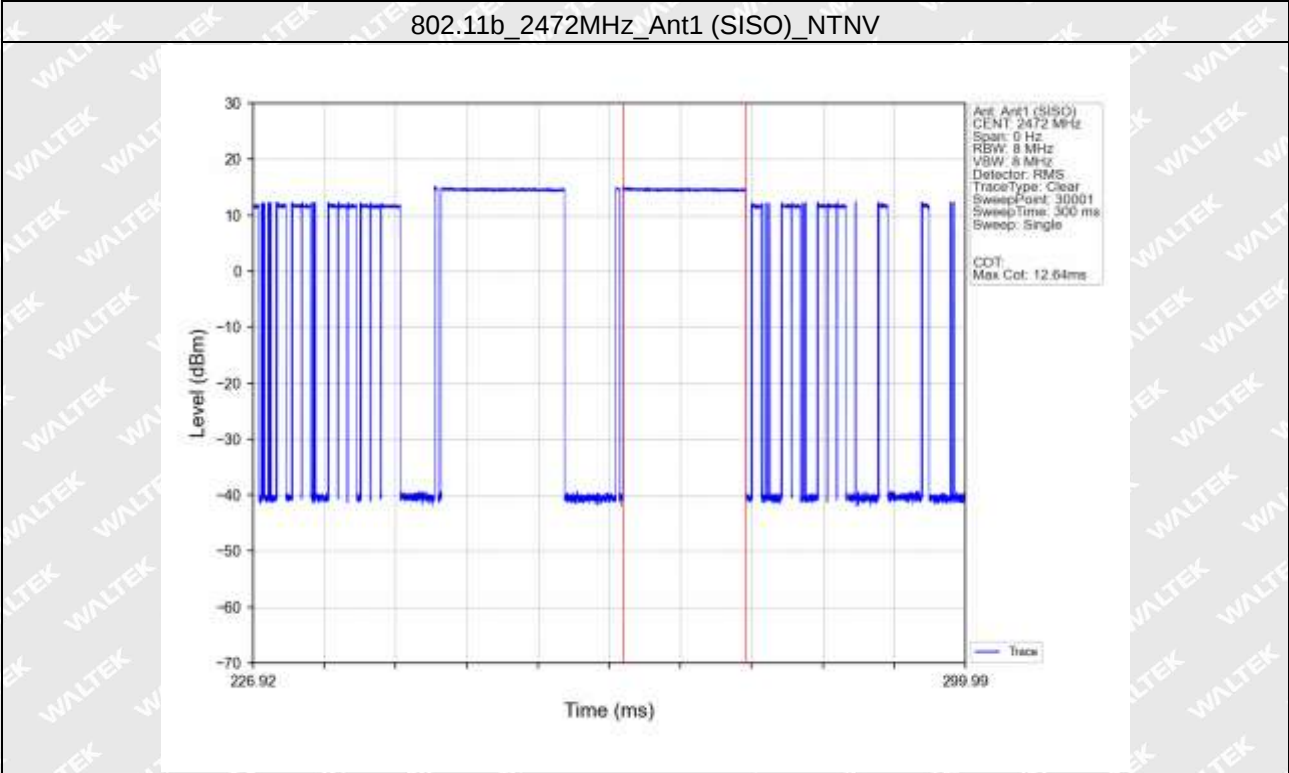


802.11b_2472MHz_Ant1 (SISO)_NTNV



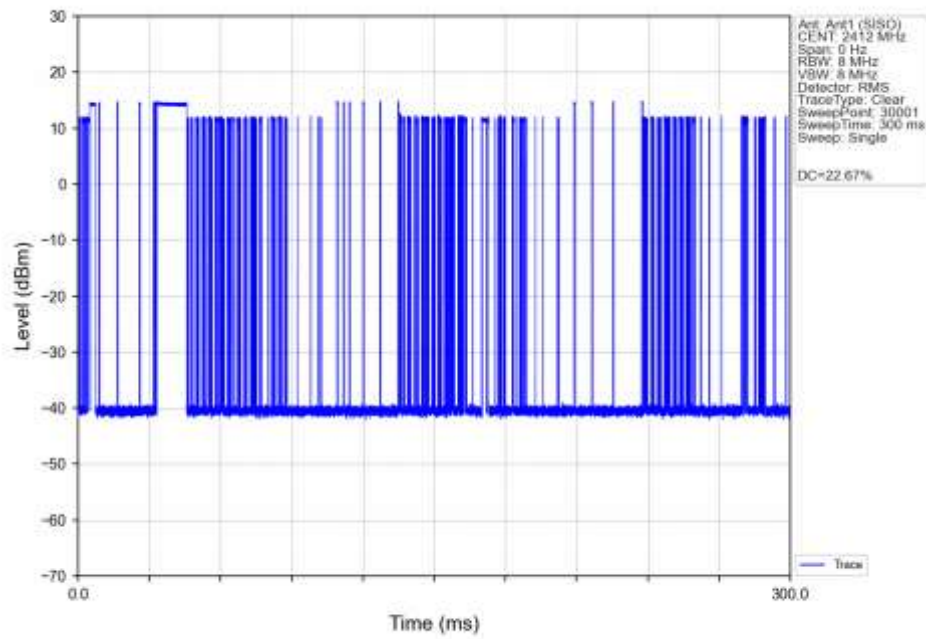
802.11b_2472MHz_Ant1 (SISO)_NTNV



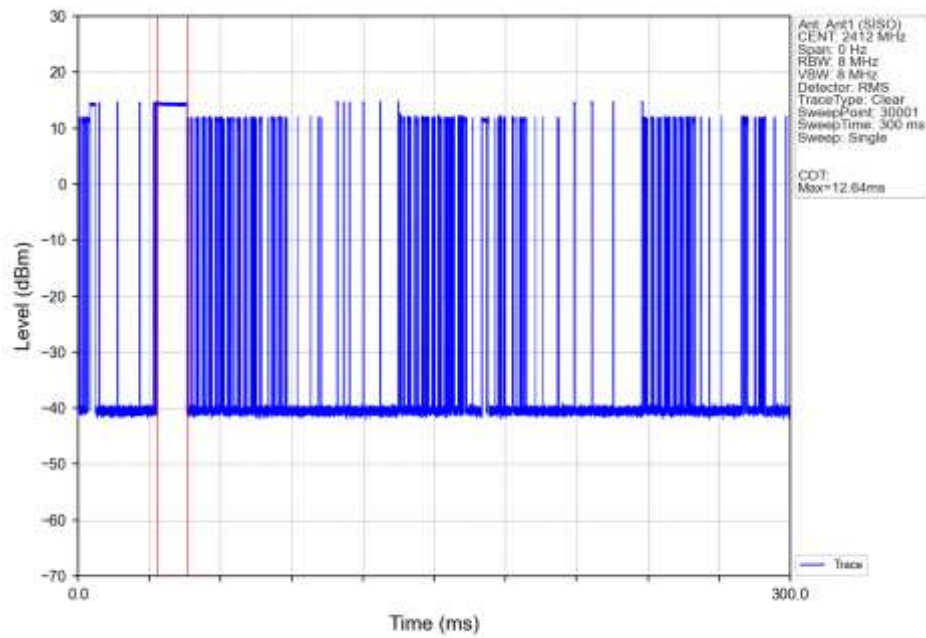




802.11g_2412MHz_Ant1 (SISO)_NTNV

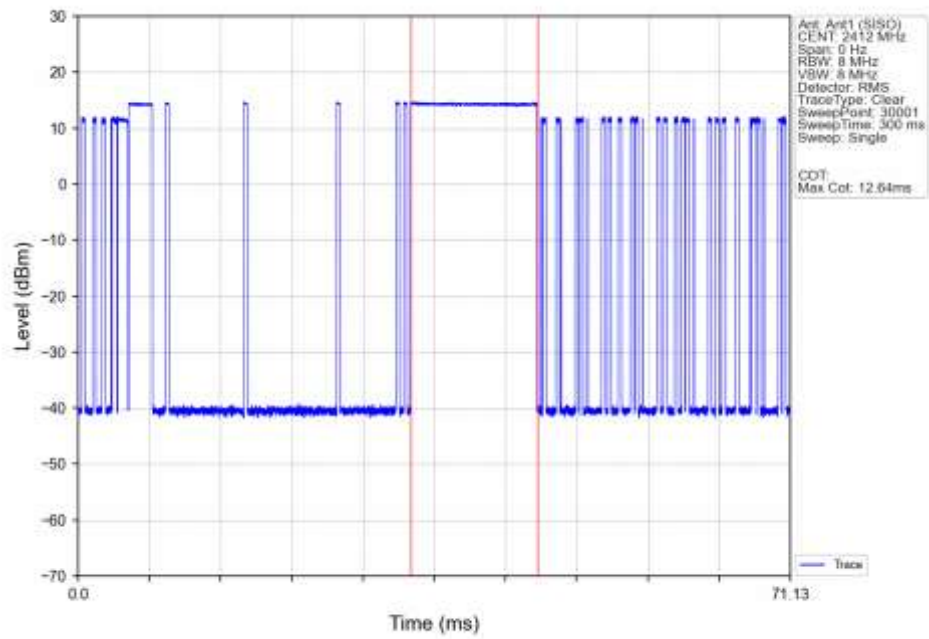


802.11g_2412MHz_Ant1 (SISO)_NTNV

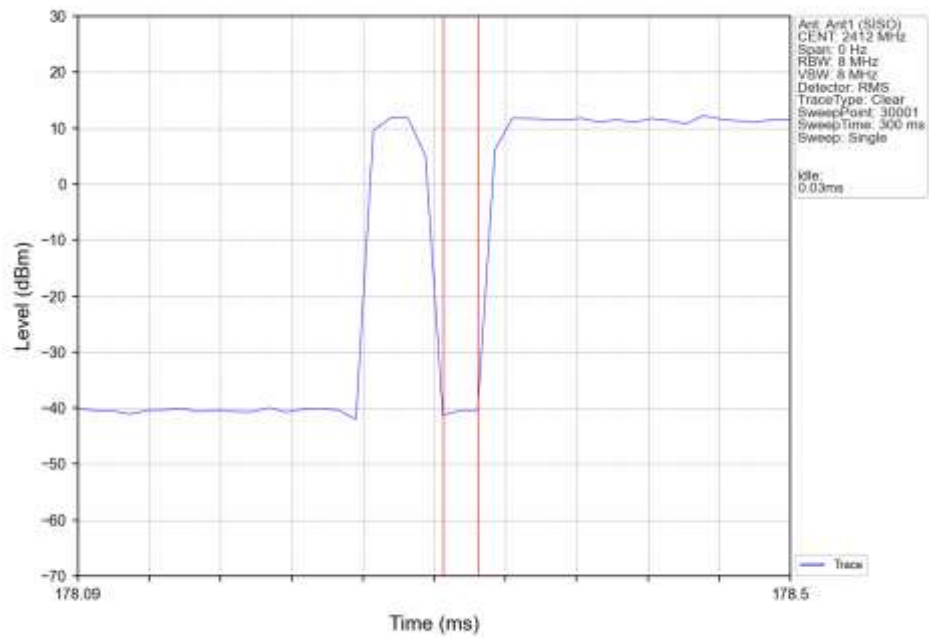




802.11g_2412MHz_Ant1 (SISO)_NTNV

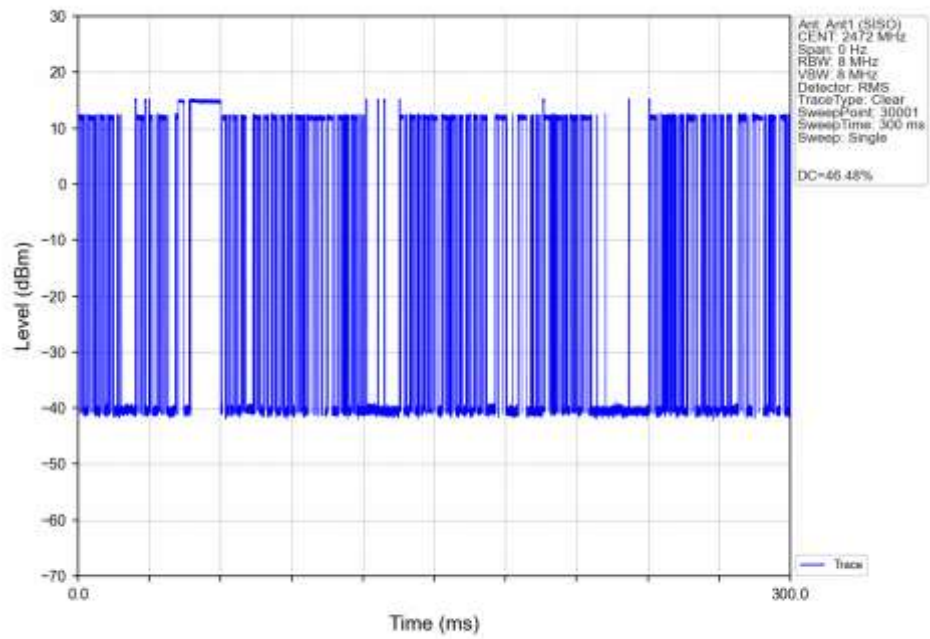


802.11g_2412MHz_Ant1 (SISO)_NTNV

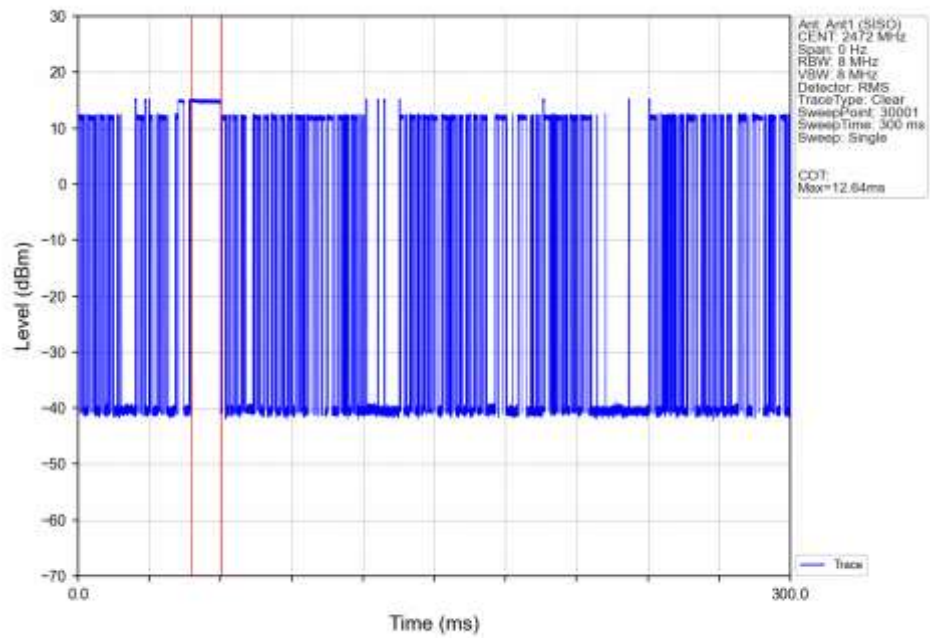




802.11g_2472MHz_Ant1 (SISO)_NTNV

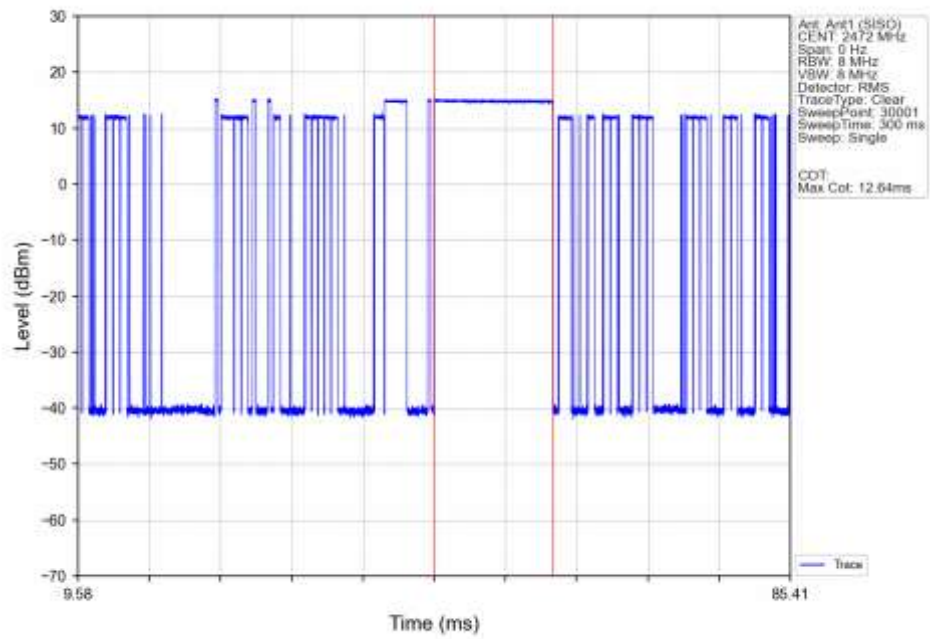


802.11g_2472MHz_Ant1 (SISO)_NTNV

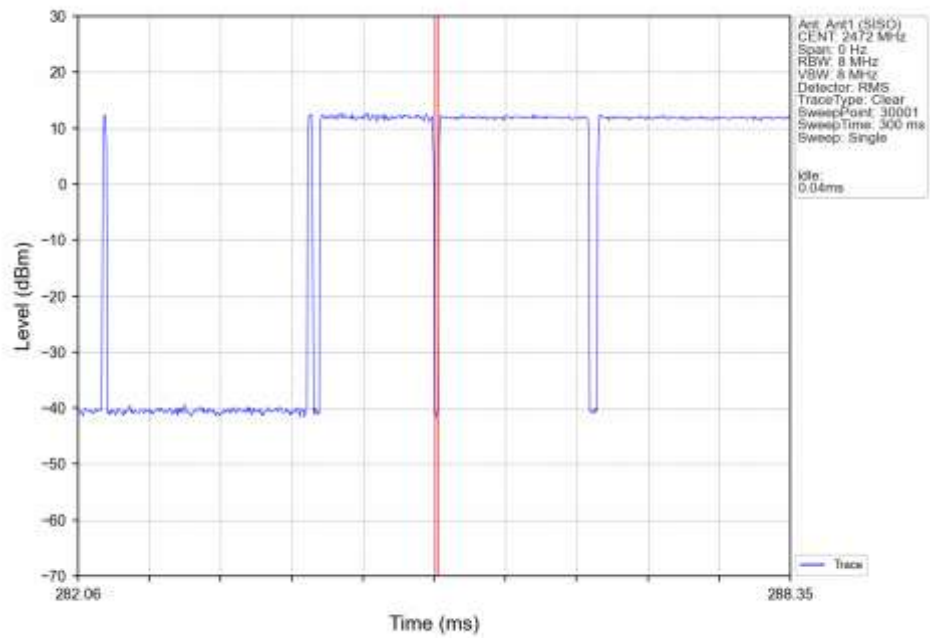


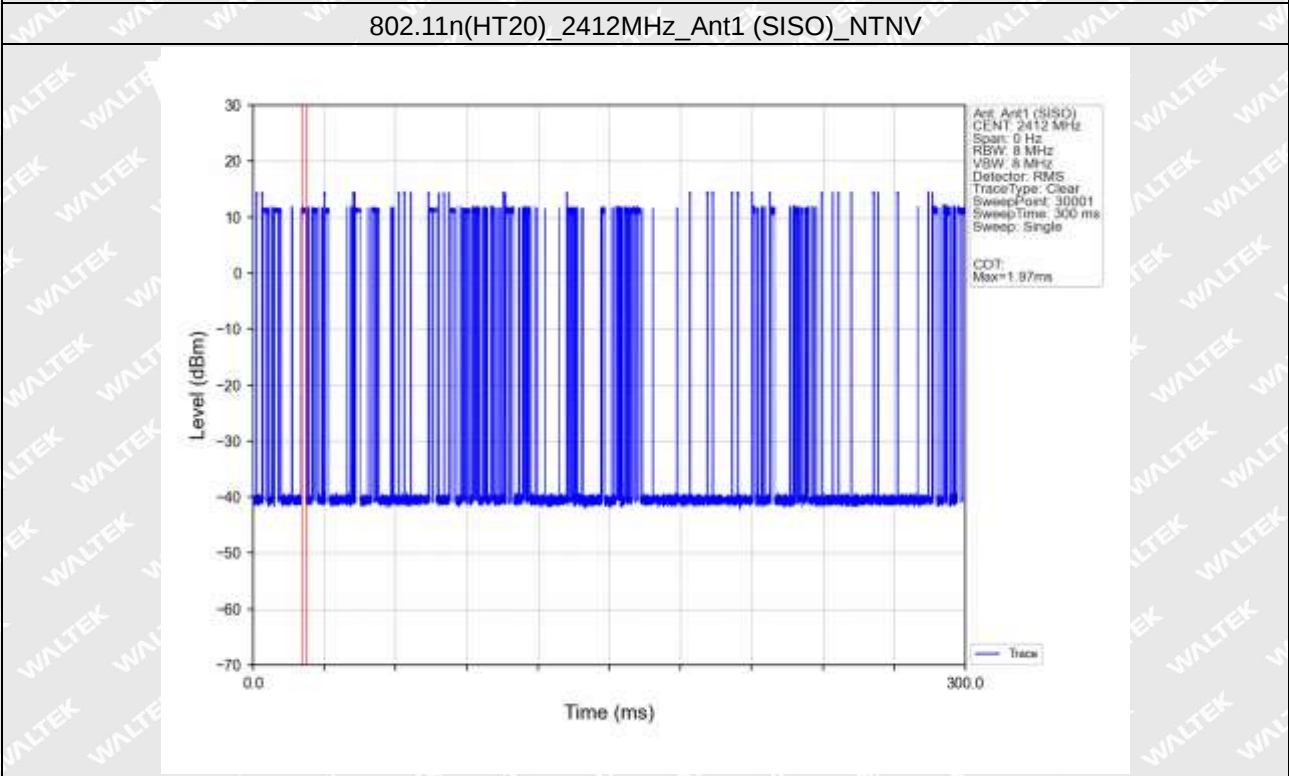
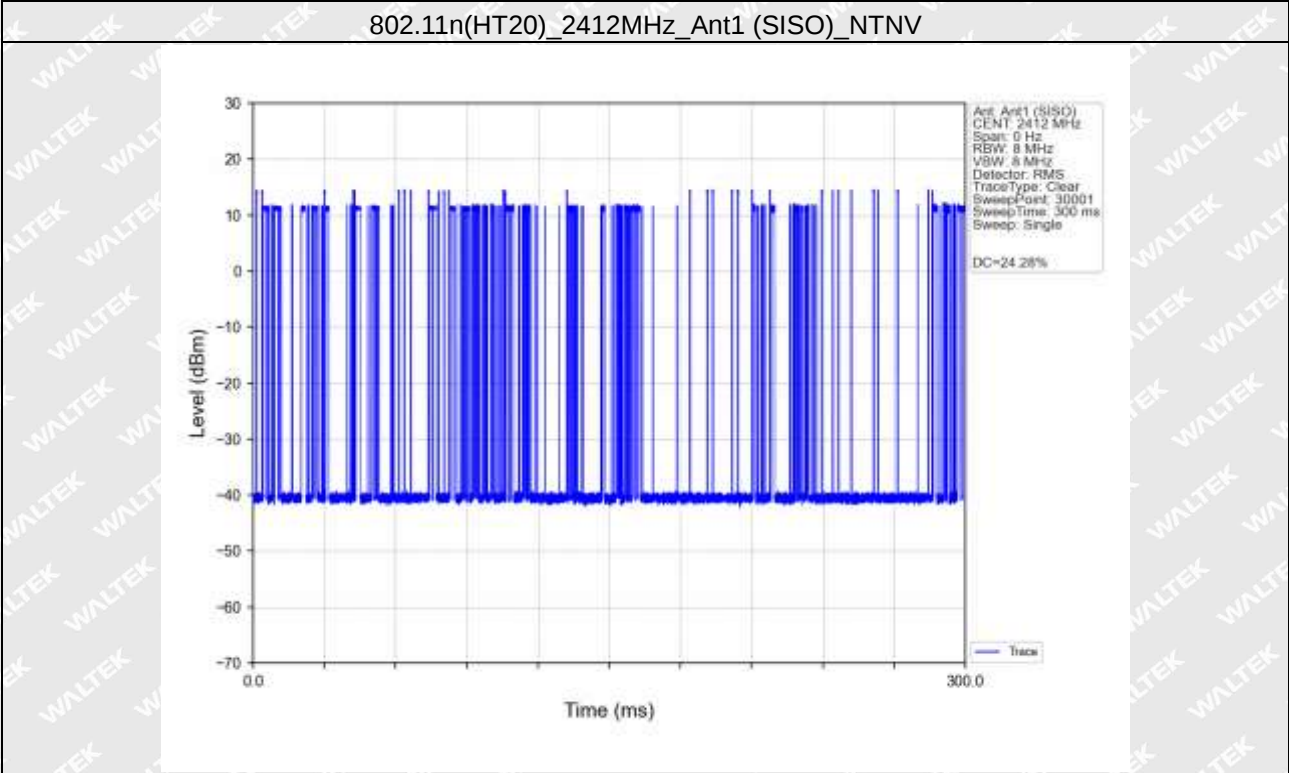


802.11g_2472MHz_Ant1 (SISO)_NTNV



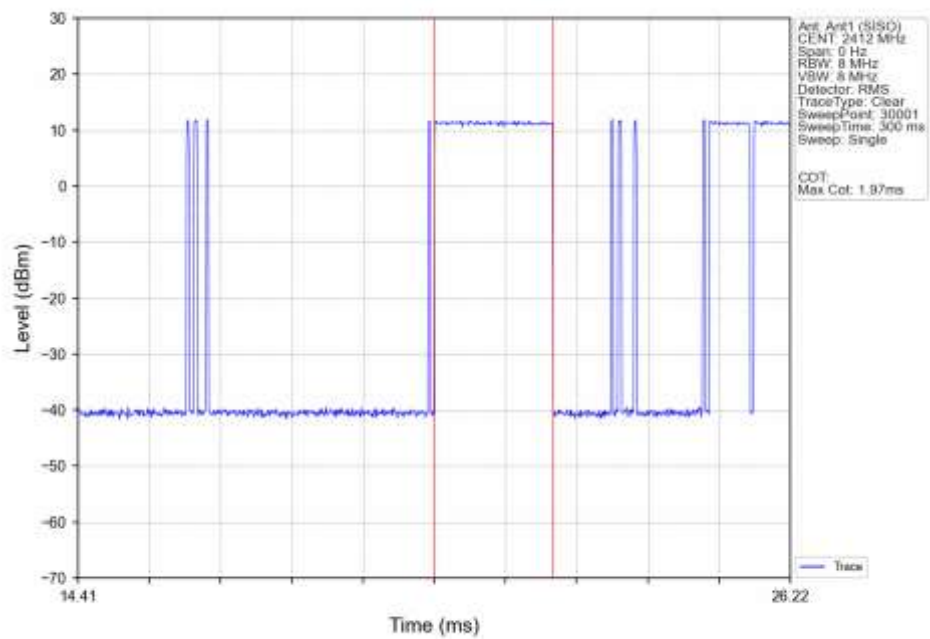
802.11g_2472MHz_Ant1 (SISO)_NTNV



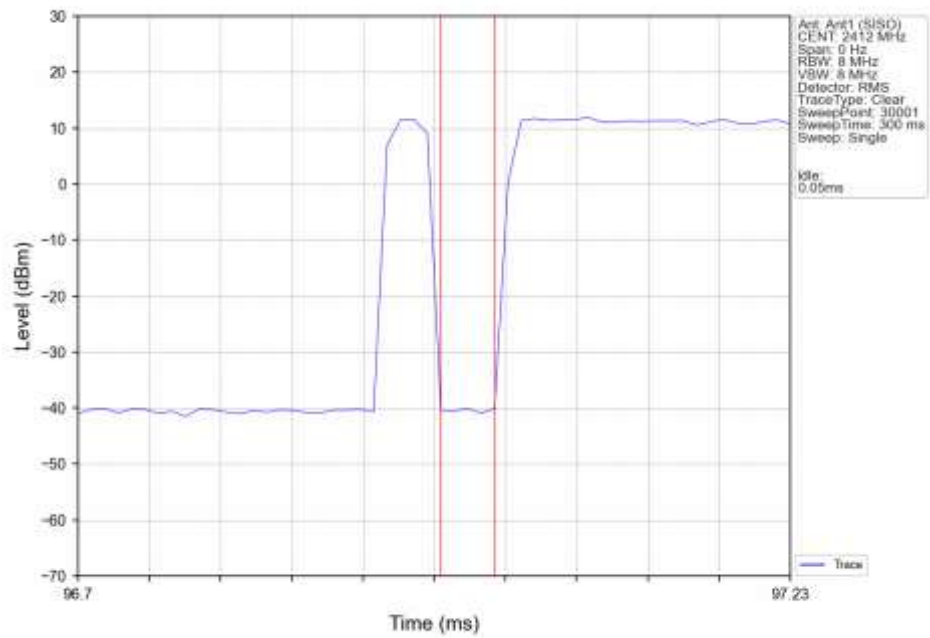


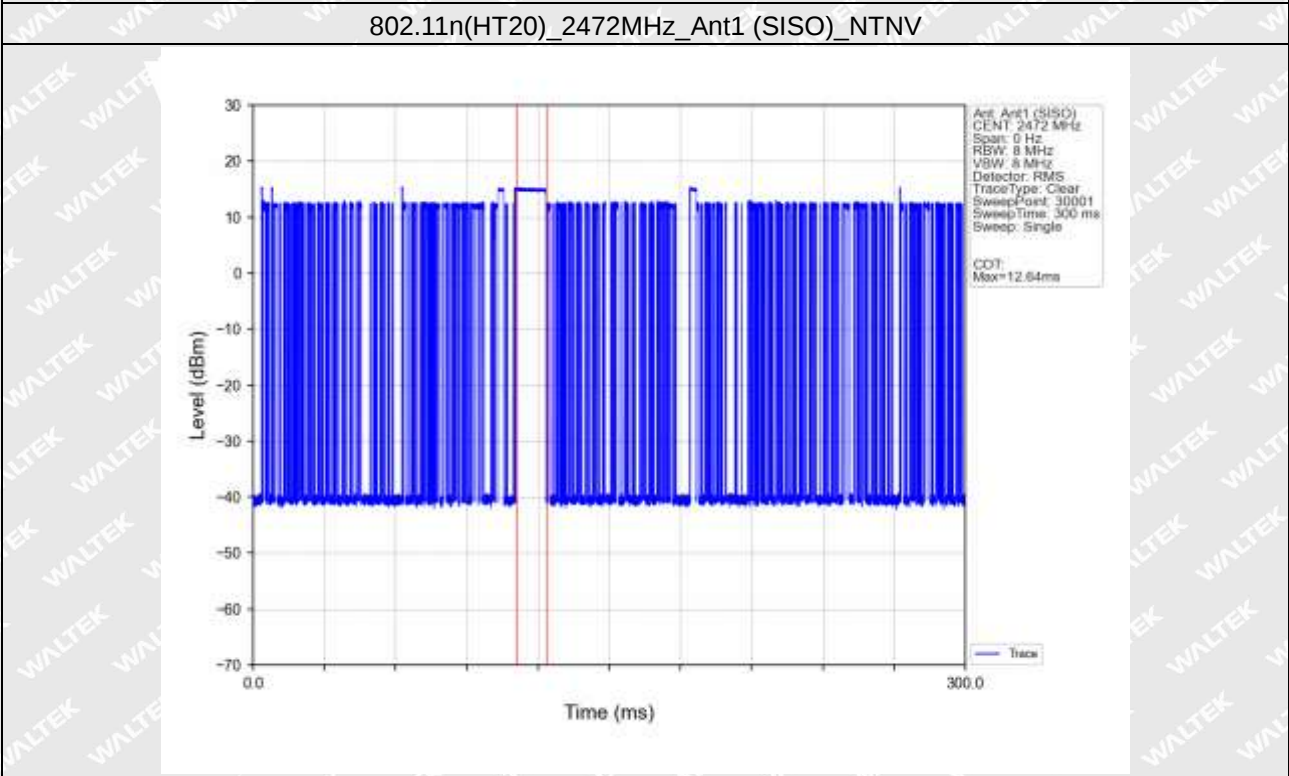
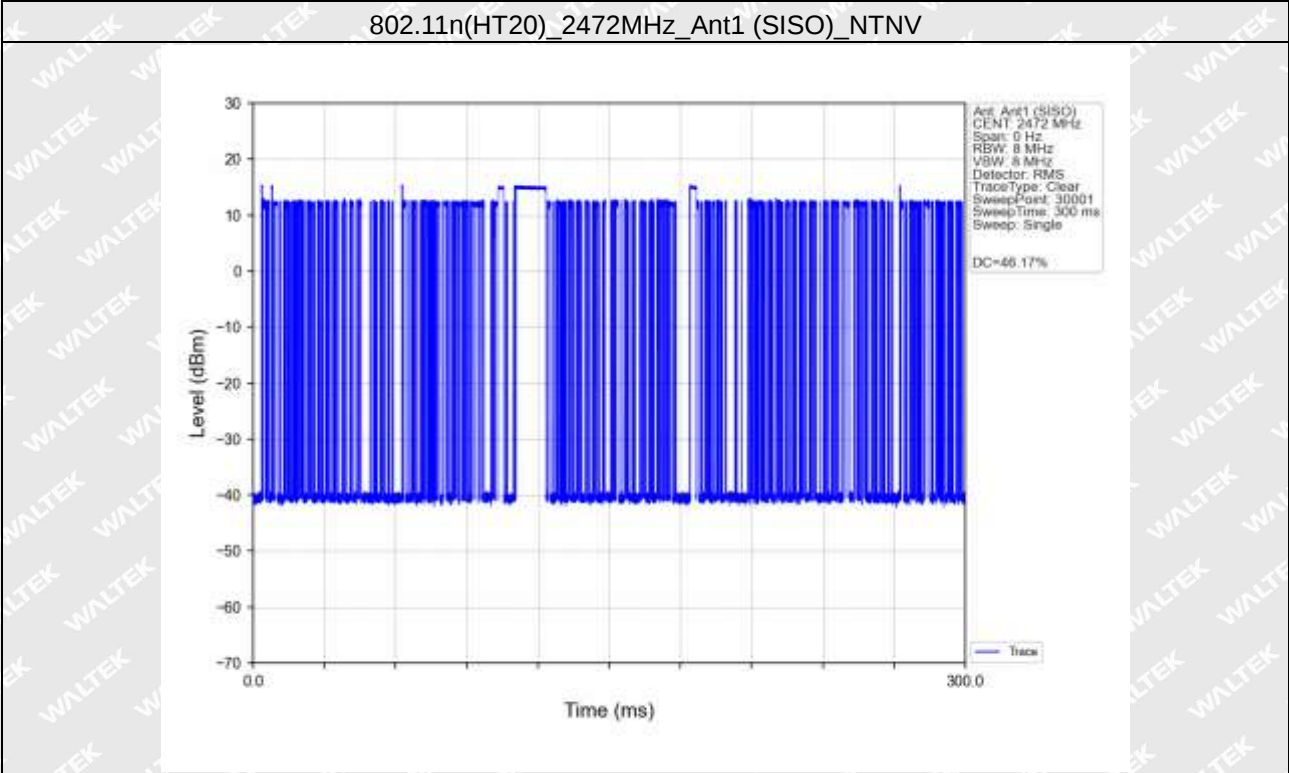


802.11n(HT20)_2412MHz_Ant1 (SISO)_NTNV



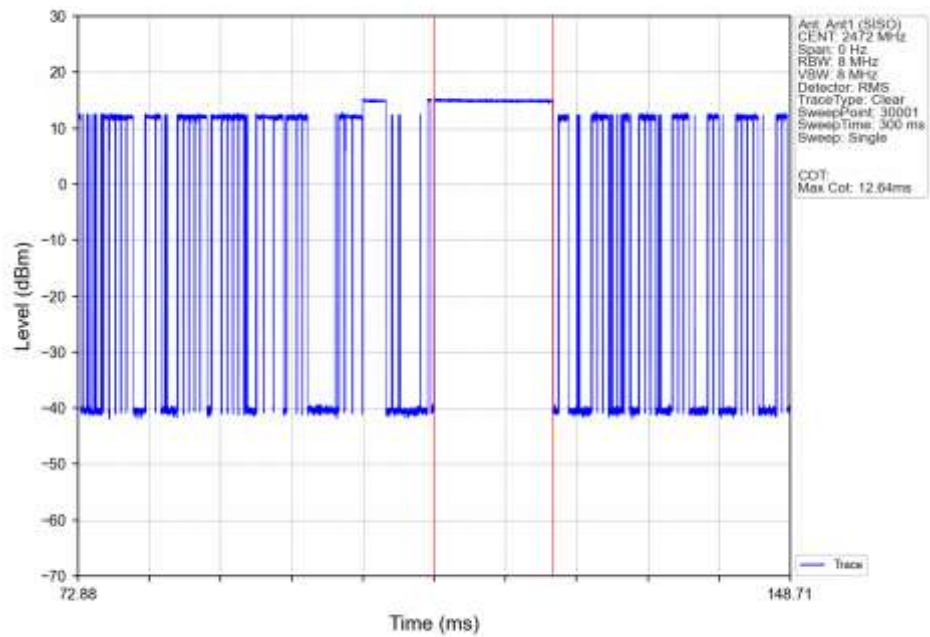
802.11n(HT20)_2412MHz_Ant1 (SISO)_NTNV



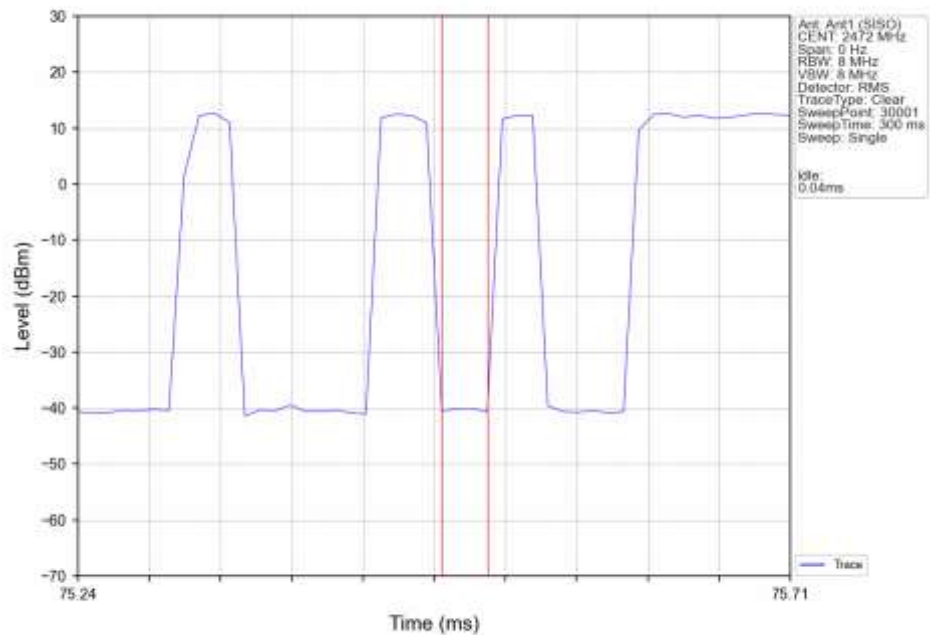




802.11n(HT20)_2472MHz_Ant1 (SISO)_NTNV

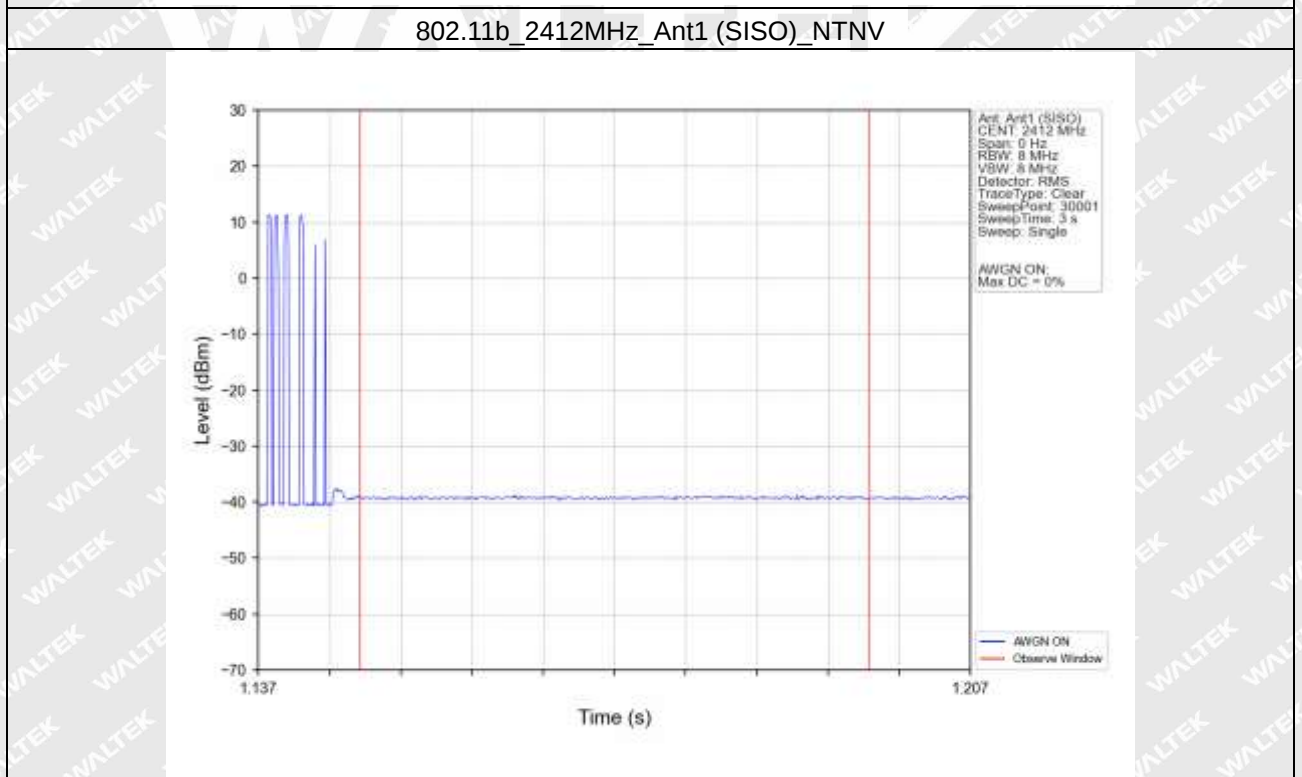
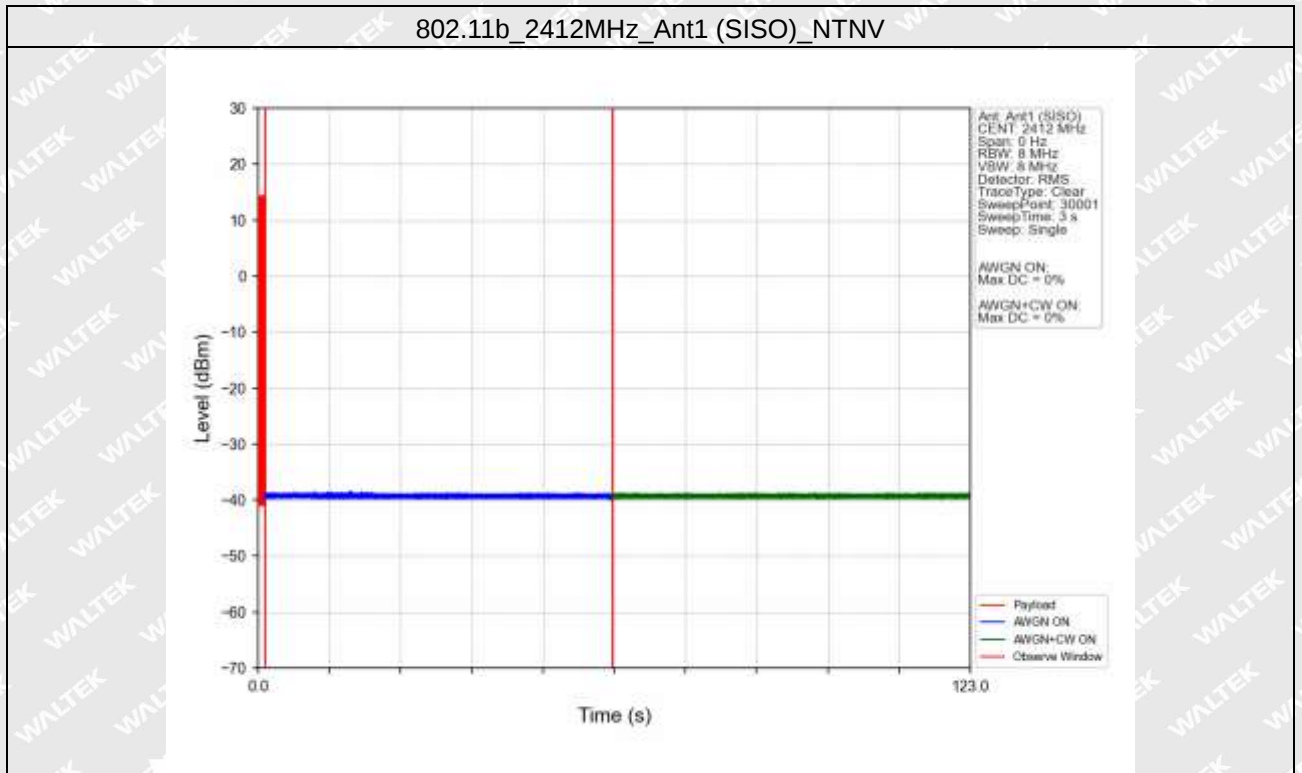


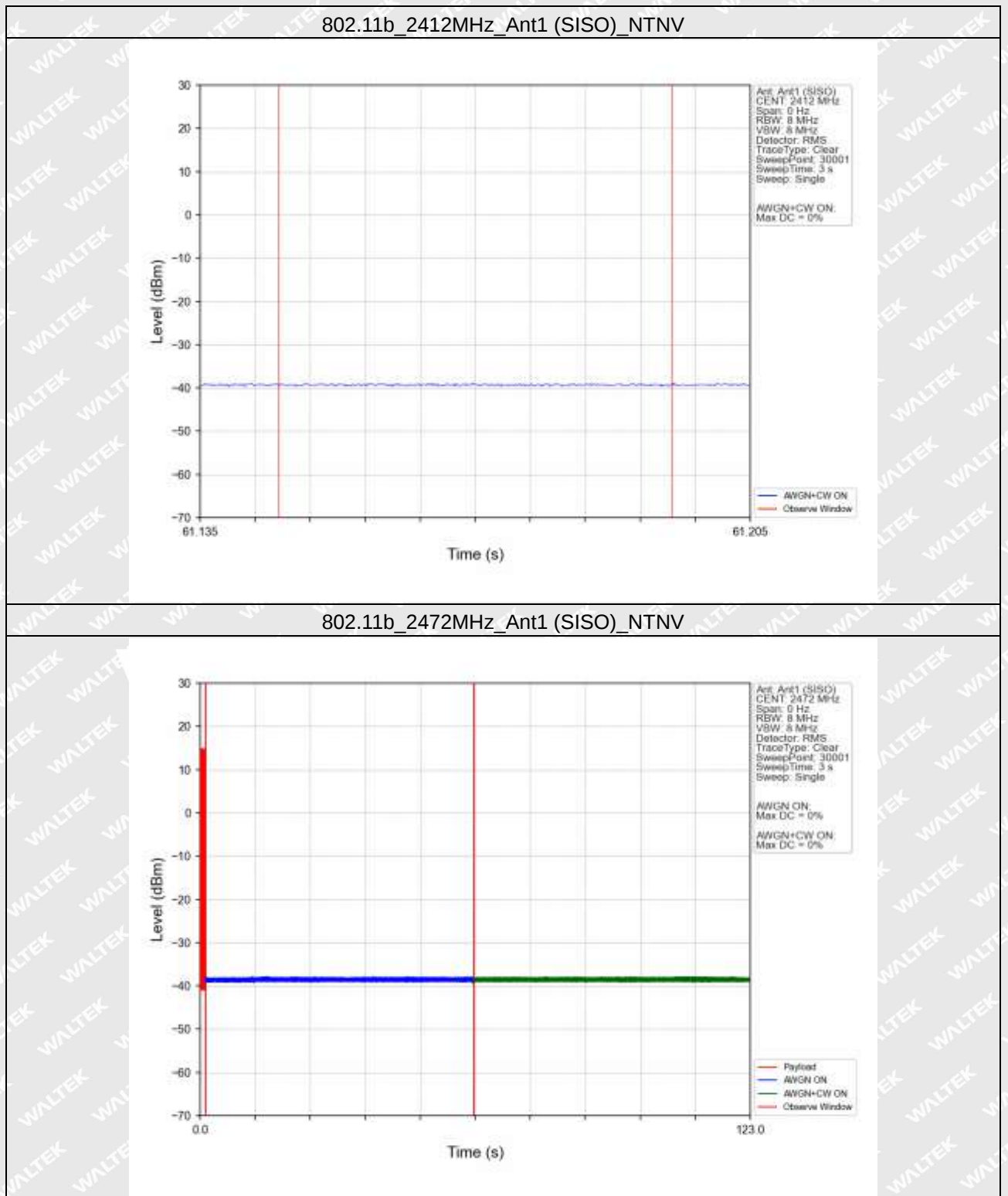
802.11n(HT20)_2472MHz_Ant1 (SISO)_NTNV





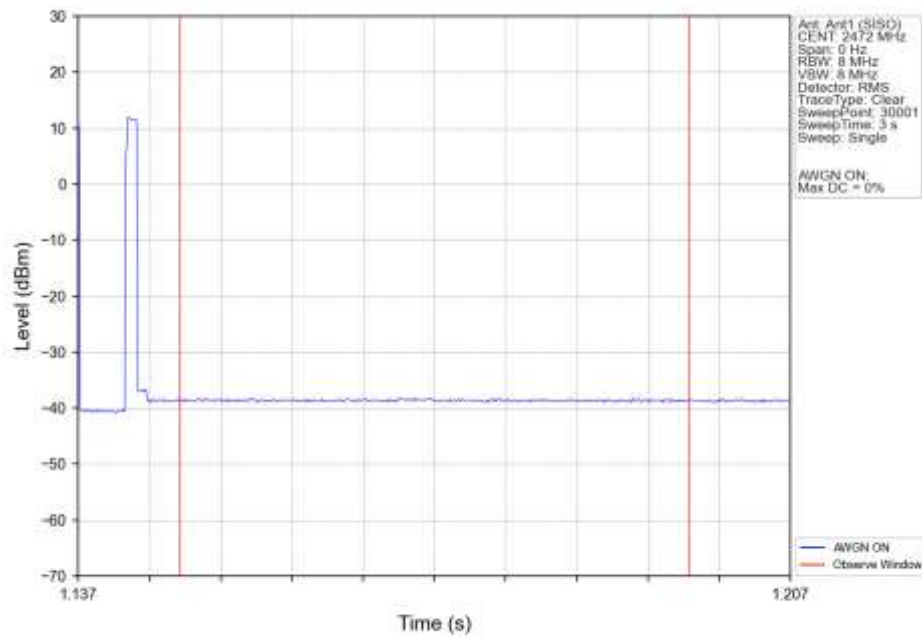
3.2.2 Adaptivity



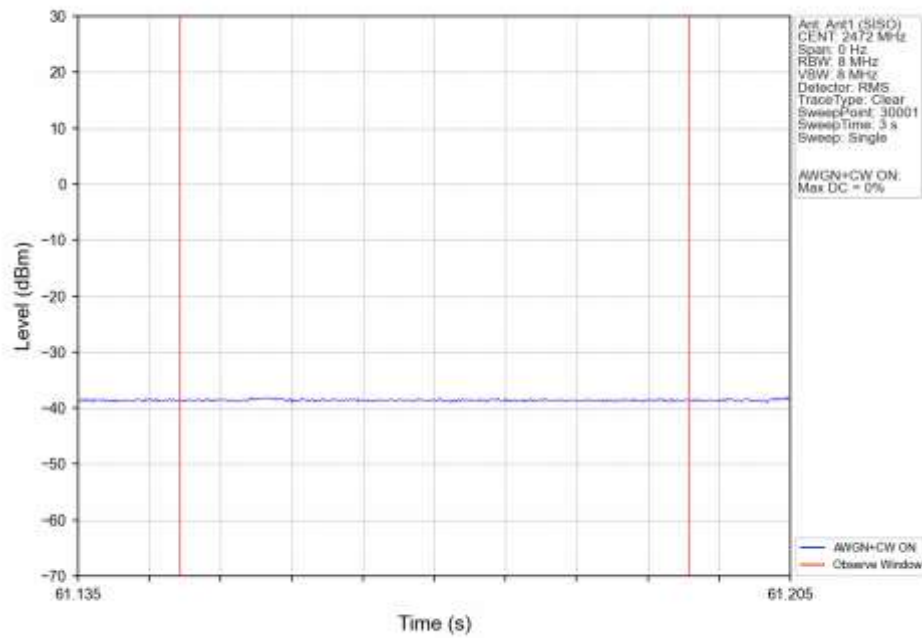




802.11b_2472MHz_Ant1 (SISO)_NTNV

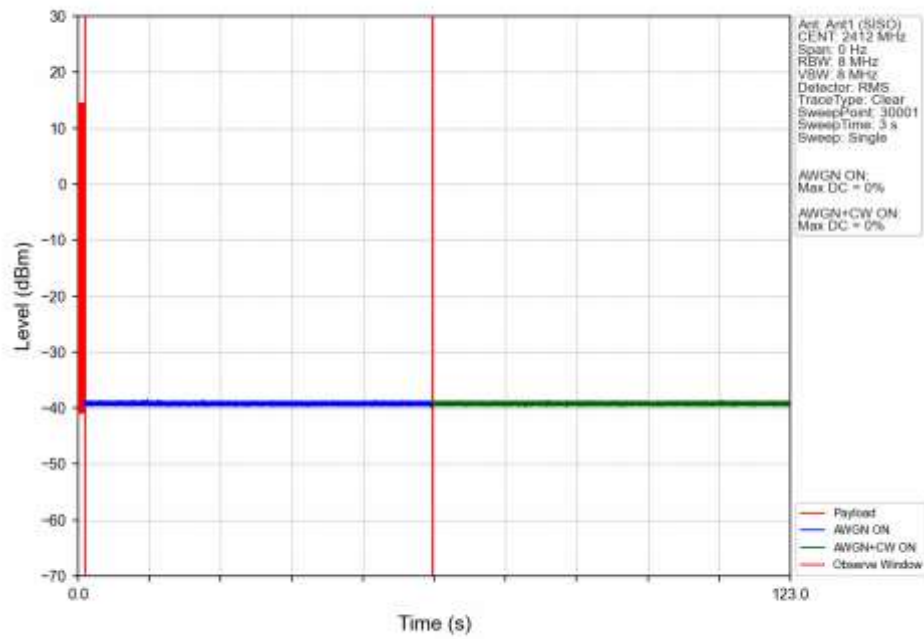


802.11b_2472MHz_Ant1 (SISO)_NTNV

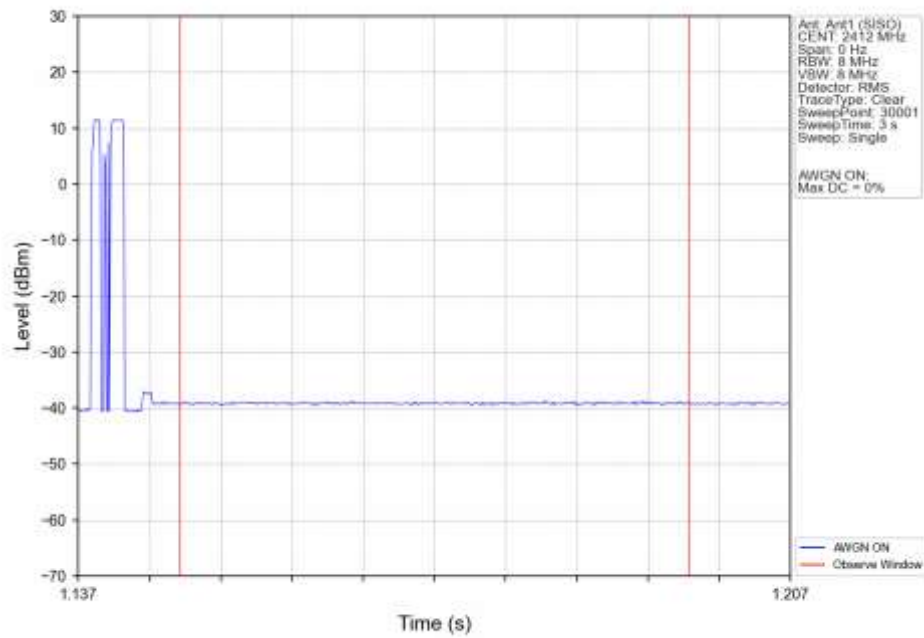




802.11g_2412MHz_Ant1 (SISO)_NTNV

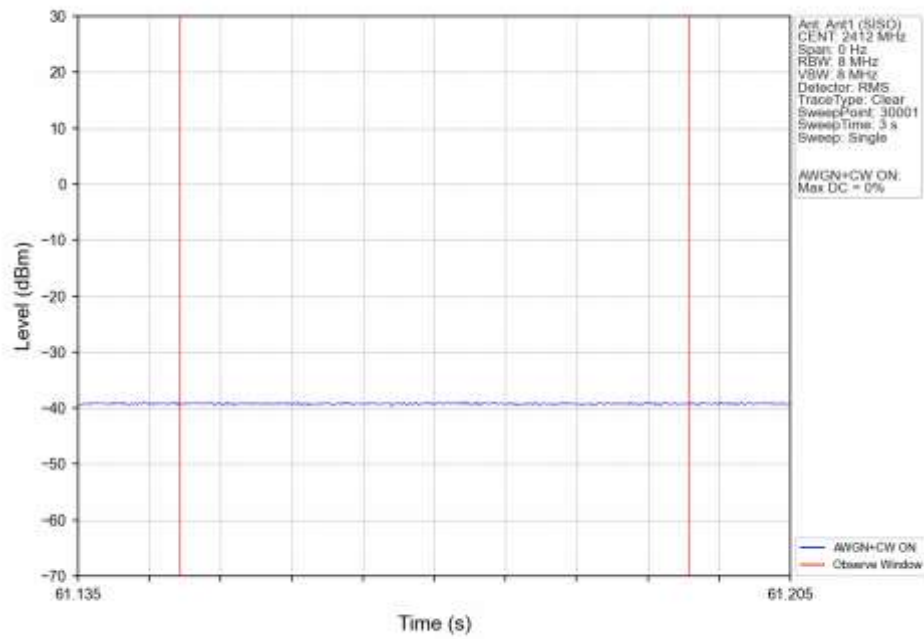


802.11g_2412MHz_Ant1 (SISO)_NTNV

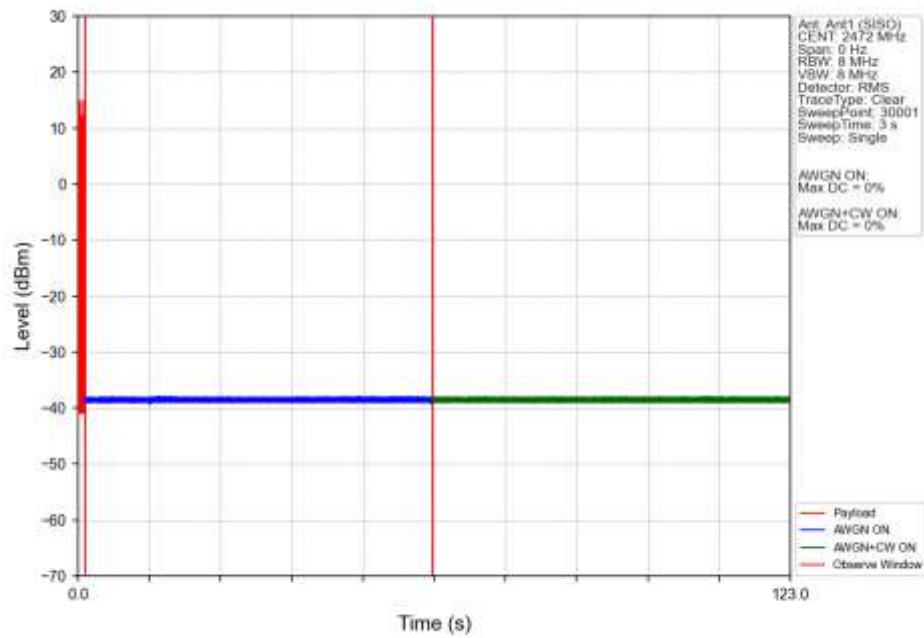




802.11g_2412MHz_Ant1 (SISO)_NTNV

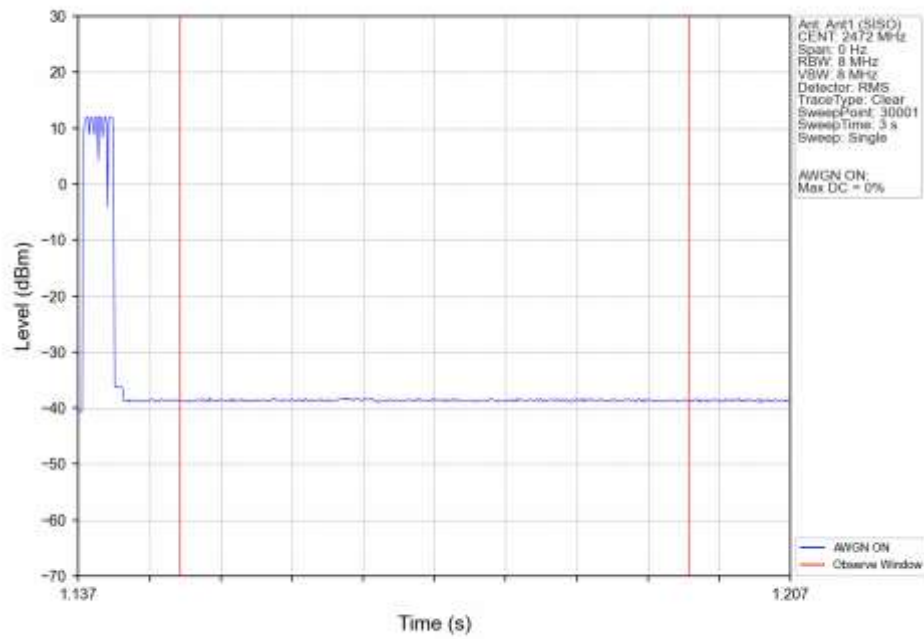


802.11g_2472MHz_Ant1 (SISO)_NTNV

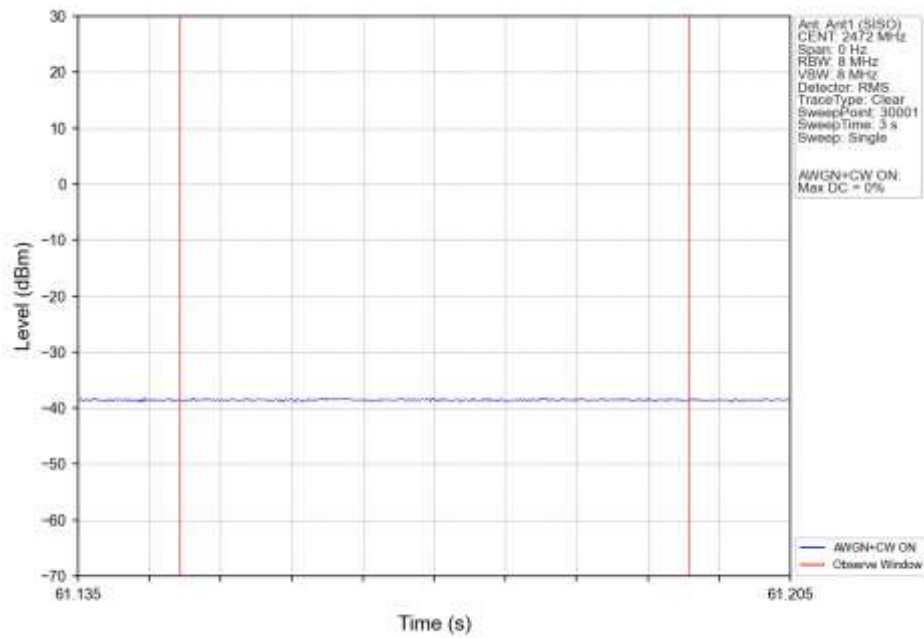




802.11g_2472MHz_Ant1 (SISO)_NTNV

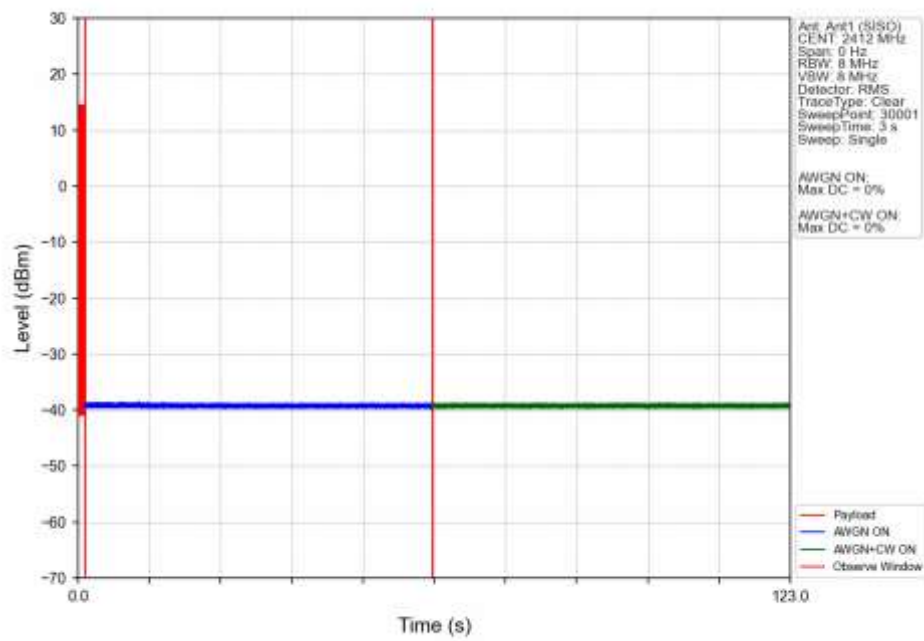


802.11g_2472MHz_Ant1 (SISO)_NTNV

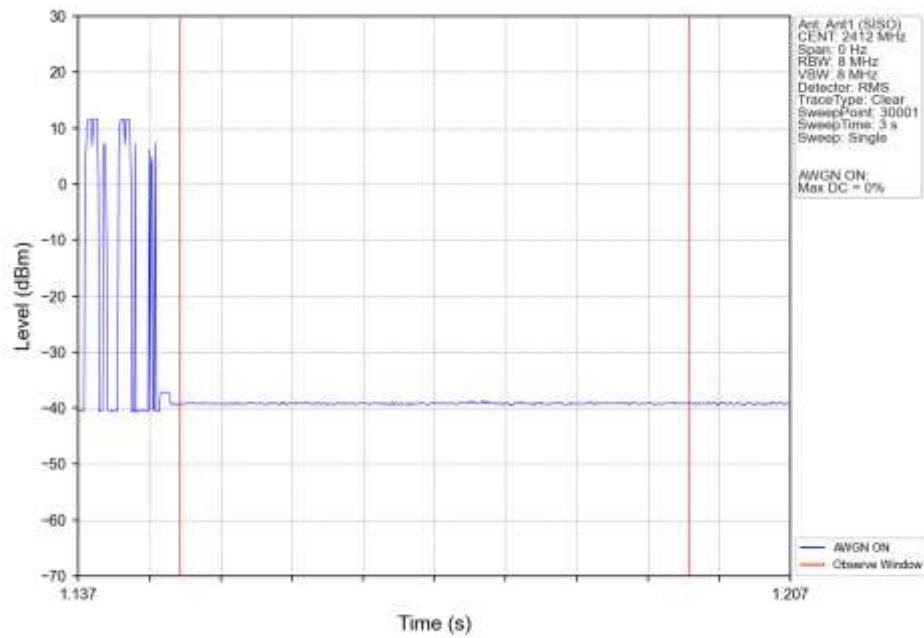




802.11n(HT20)_2412MHz_Ant1 (SISO)_NTNV

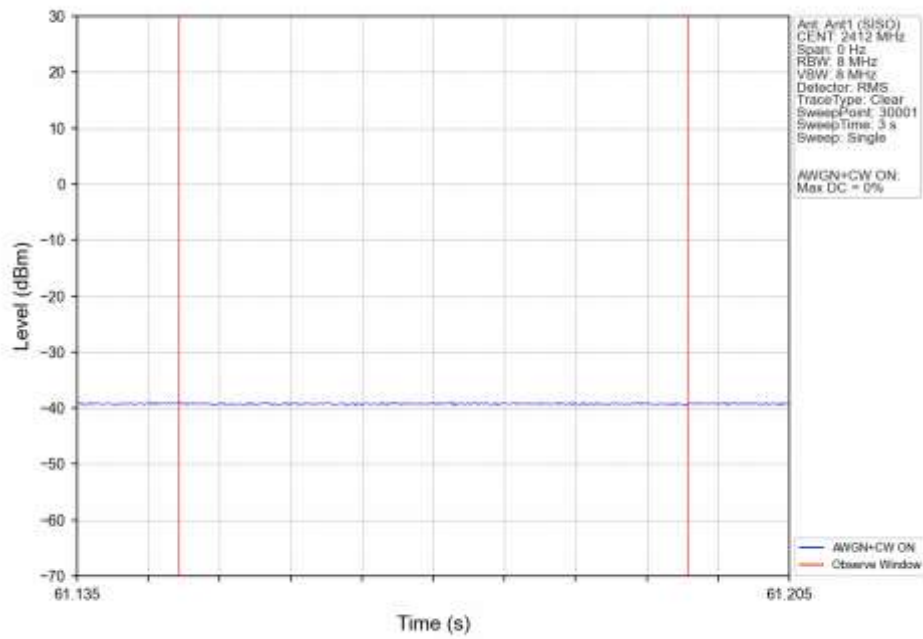


802.11n(HT20)_2412MHz_Ant1 (SISO)_NTNV

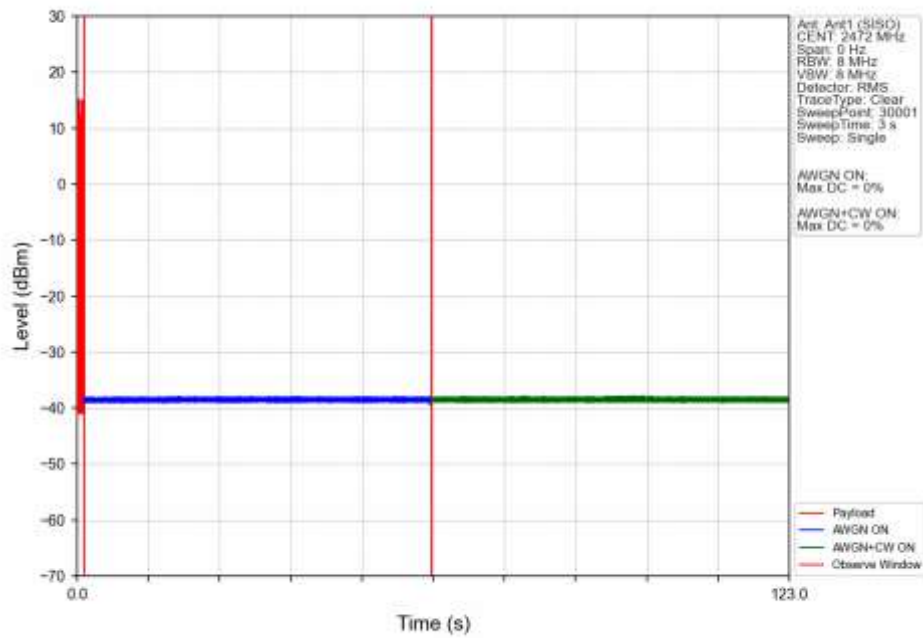




802.11n(HT20)_2412MHz_Ant1 (SISO)_NTNV

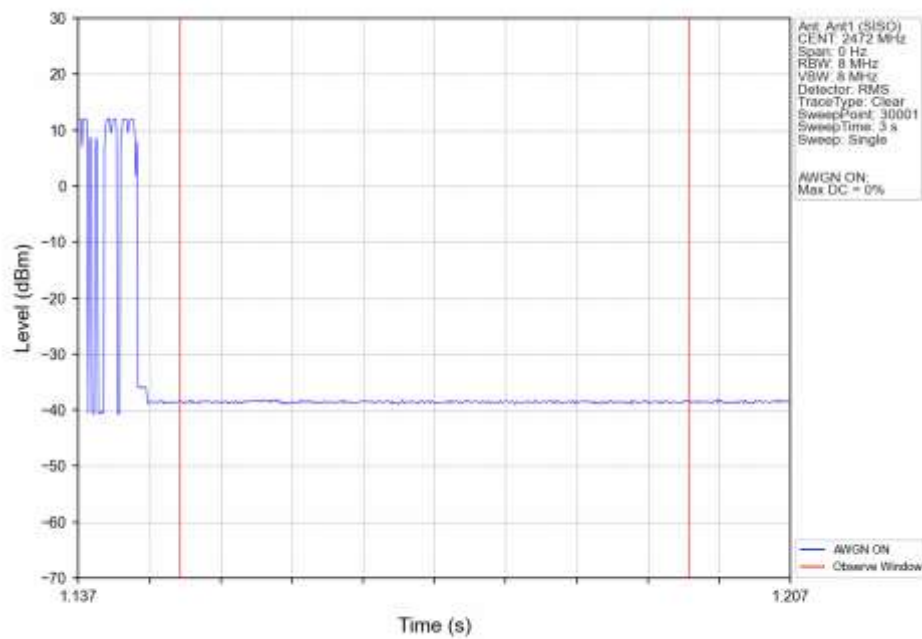


802.11n(HT20)_2472MHz_Ant1 (SISO)_NTNV

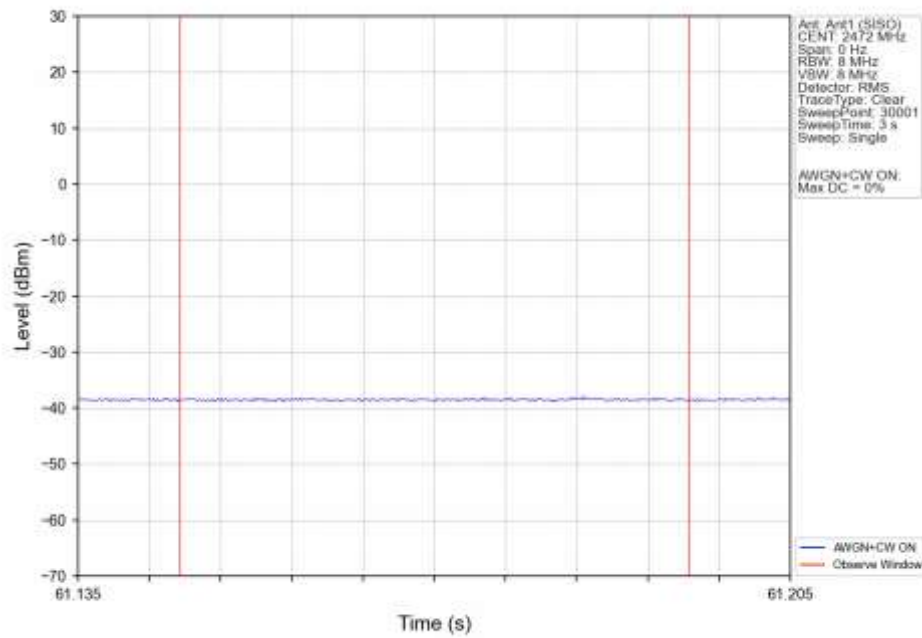




802.11n(HT20)_2472MHz_Ant1 (SISO)_NTNV



802.11n(HT20)_2472MHz_Ant1 (SISO)_NTNV





4. Occupied Channel Bandwidth

4.1 Test Result

4.1.1 OBW_Ant1

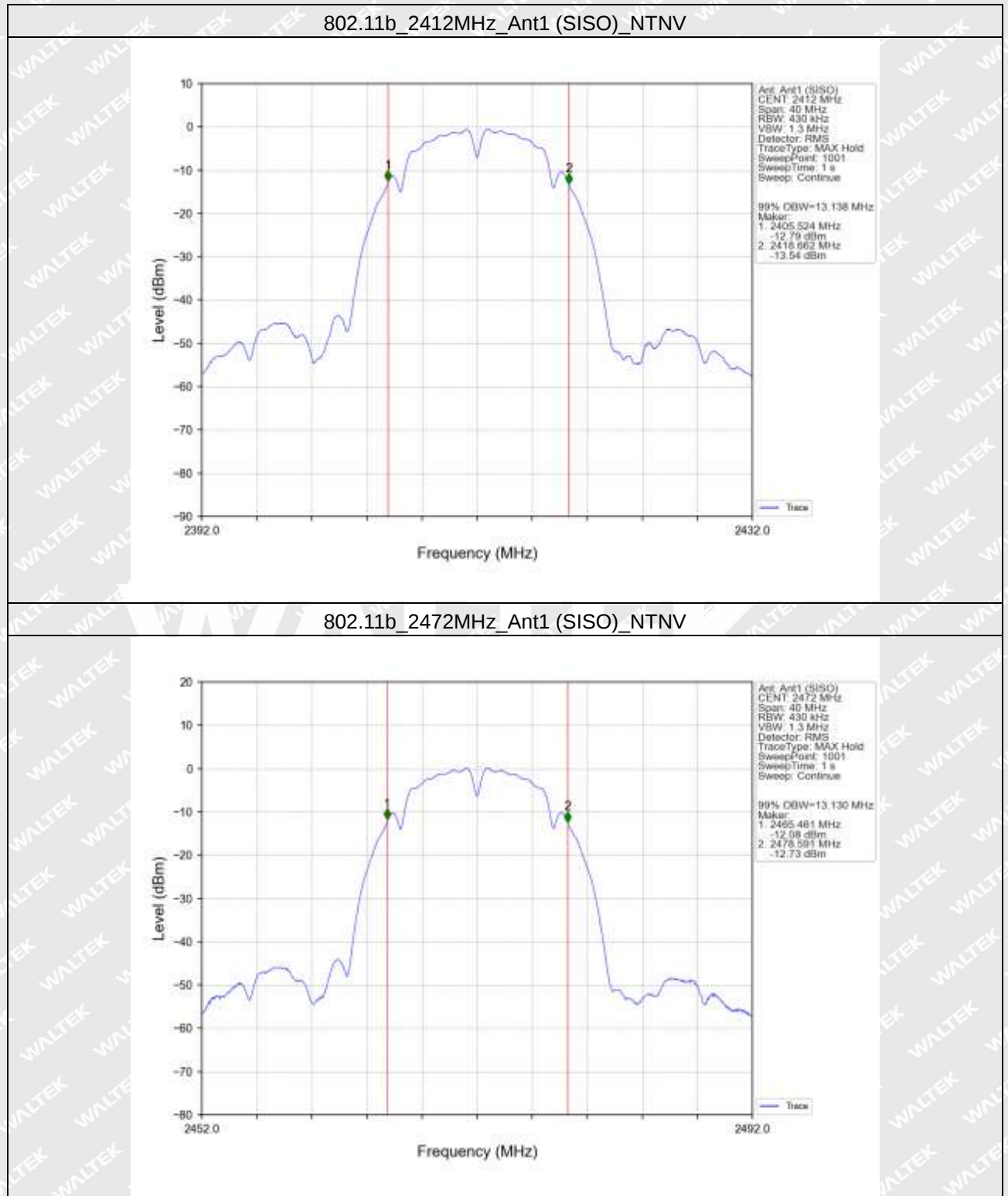
Ant1								
ENV	Mode	TX Type	Frequency (MHz)	OBW (MHz)	Frequency Range (MHz)			Verdict
				Result	FL	FH	Limit	
NTNV	802.11b	SISO	2412	13.138	2405.524	/	>=2400	Pass
			2472	13.130	/	2478.591	<=2483.5	Pass
	802.11g	SISO	2412	16.583	2403.730	/	>=2400	Pass
			2472	16.586	/	2480.293	<=2483.5	Pass
	802.11n (HT20)	SISO	2412	17.717	2403.166	/	>=2400	Pass
			2472	17.725	/	2480.865	<=2483.5	Pass

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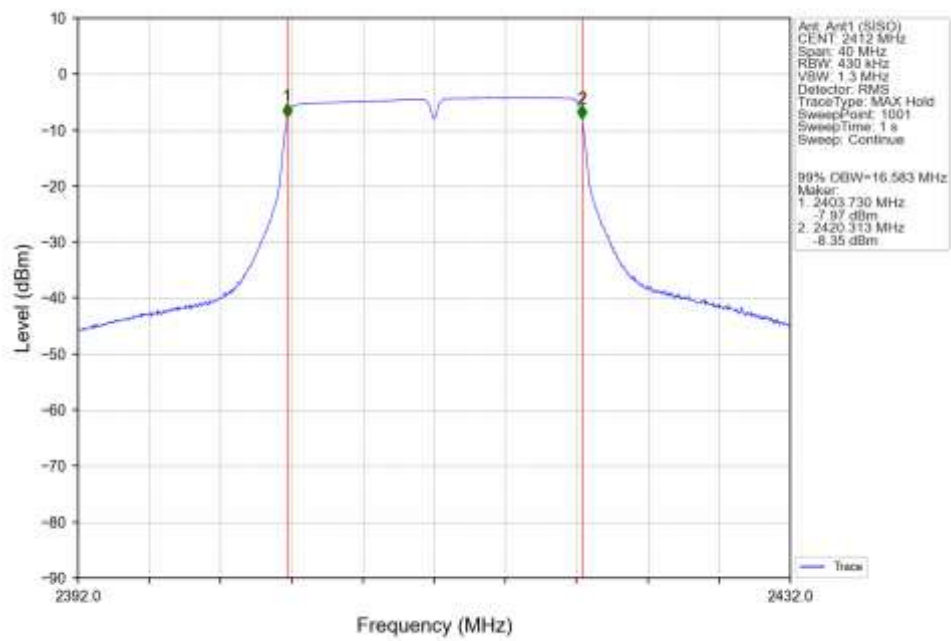
4.2 Test Graph

4.2.1 OBW_Ant1

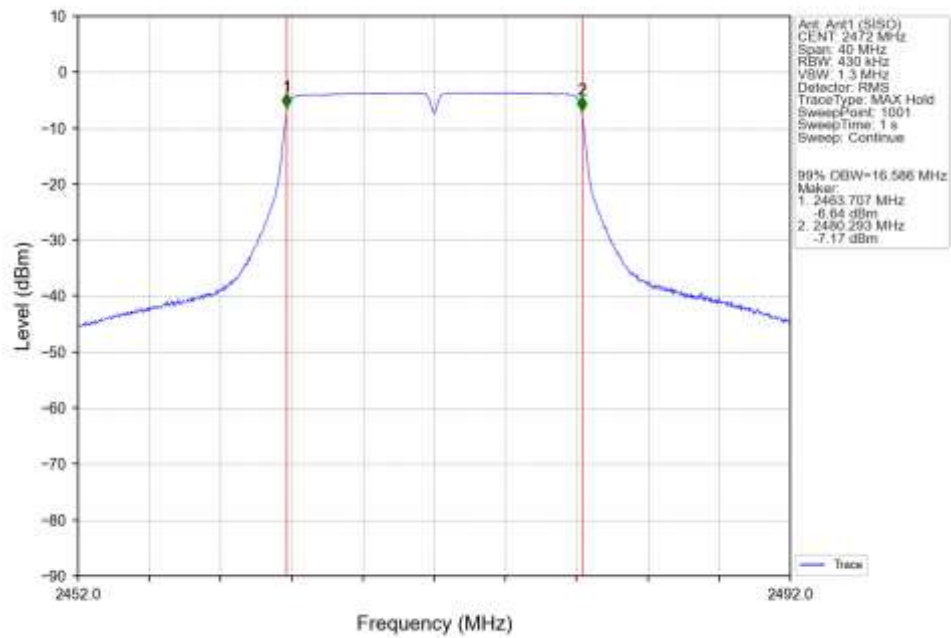




802.11g_2412MHz_Ant1 (SISO)_NTNV

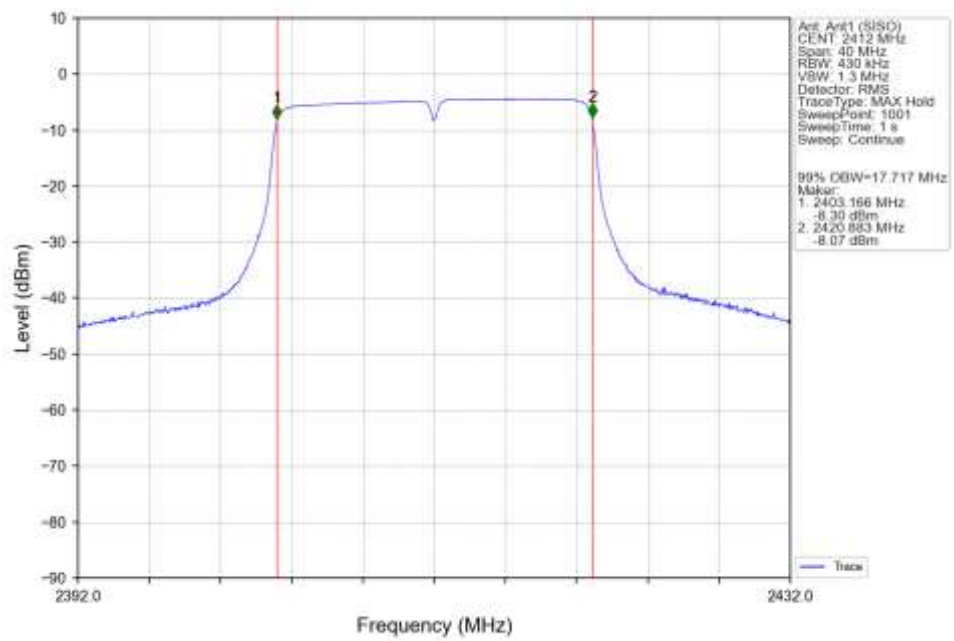


802.11g_2472MHz_Ant1 (SISO)_NTNV

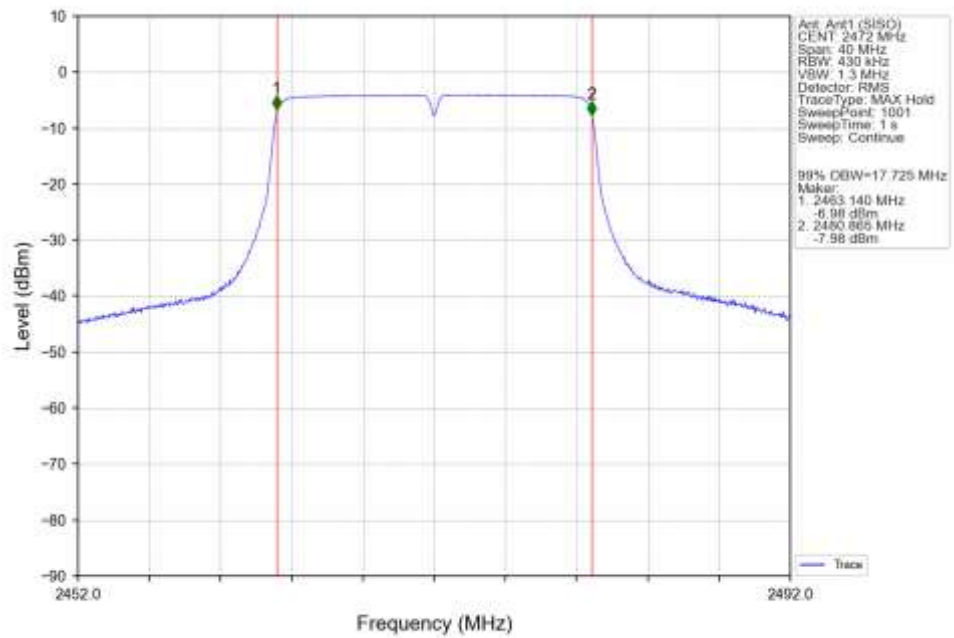




802.11n(HT20)_2412MHz_Ant1 (SISO)_NTNV



802.11n(HT20)_2472MHz_Ant1 (SISO)_NTNV





5. Transmitter Unwanted Emissions In The Out-Of-Band Domain

5.1 Test Result

5.1.1 802.11b-Ant1

802.11b Ant1 NTV							
Mode	TX Type	Frequency (MHz)	ANT	Test Freq. (MHz)	Result (dBm/MHz)	Limit (dBm/MHz)	Verdict
802.11b	SISO	2412	1	2374.224	-50.94	<=-20	Pass
				2374.362	-50.85	<=-20	Pass
				2375.362	-50.74	<=-20	Pass
				2376.362	-50.84	<=-20	Pass
				2377.362	-51.17	<=-20	Pass
				2378.362	-51.22	<=-20	Pass
				2379.362	-51.13	<=-20	Pass
				2380.362	-51.31	<=-20	Pass
				2381.362	-50.97	<=-20	Pass
				2382.362	-50.44	<=-20	Pass
				2383.362	-49.98	<=-20	Pass
				2384.362	-50.58	<=-20	Pass
				2385.362	-49.27	<=-20	Pass
				2386.362	-48.95	<=-20	Pass
				2387.362	-48.32	<=-10	Pass
				2387.500	-48.46	<=-10	Pass
				2388.500	-49.53	<=-10	Pass
				2389.500	-50.31	<=-10	Pass
				2390.500	-49.77	<=-10	Pass
				2391.500	-50.16	<=-10	Pass
				2392.500	-47.39	<=-10	Pass
				2393.500	-44.61	<=-10	Pass
				2394.500	-42.80	<=-10	Pass
				2395.500	-43.69	<=-10	Pass
				2396.500	-38.80	<=-10	Pass
				2397.500	-39.23	<=-10	Pass
				2398.500	-39.16	<=-10	Pass
				2399.500	-43.01	<=-10	Pass
		2472	1	2484.000	-45.69	<=-10	Pass
				2485.000	-44.10	<=-10	Pass
				2486.000	-41.15	<=-10	Pass
				2487.000	-42.89	<=-10	Pass
				2488.000	-43.60	<=-10	Pass
				2489.000	-45.81	<=-10	Pass
				2490.000	-47.22	<=-10	Pass
				2491.000	-48.97	<=-10	Pass



				2492.000	-49.82	<=-10	Pass
				2493.000	-49.45	<=-10	Pass
				2494.000	-49.63	<=-10	Pass
				2495.000	-49.99	<=-10	Pass
				2496.000	-49.86	<=-10	Pass
				2496.130	-49.85	<=-10	Pass
				2497.130	-49.27	<=-20	Pass
				2498.130	-49.67	<=-20	Pass
				2499.130	-49.79	<=-20	Pass
				2500.130	-50.04	<=-20	Pass
				2501.130	-50.20	<=-20	Pass
				2502.130	-50.13	<=-20	Pass
				2503.130	-50.31	<=-20	Pass
				2504.130	-50.00	<=-20	Pass
				2505.130	-50.01	<=-20	Pass
				2506.130	-50.25	<=-20	Pass
				2507.130	-49.95	<=-20	Pass
				2508.130	-49.68	<=-20	Pass
				2509.130	-49.95	<=-20	Pass
				2509.260	-49.94	<=-20	Pass

5.1.2 802.11g-Ant1

802.11g Ant1 NTN							
Mode	Tx Type	Frequency (MHz)	ANT	Test Freq. (MHz)	Result (dBm/MHz)	Limit (dBm/MHz)	Verdict
802.11g	SISO	2412	1	2367.334	-51.40	<=-20	Pass
				2367.917	-51.38	<=-20	Pass
				2368.917	-51.34	<=-20	Pass
				2369.917	-51.25	<=-20	Pass
				2370.917	-51.16	<=-20	Pass
				2371.917	-51.07	<=-20	Pass
				2372.917	-50.96	<=-20	Pass
				2373.917	-50.84	<=-20	Pass
				2374.917	-50.59	<=-20	Pass
				2375.917	-50.30	<=-20	Pass
				2376.917	-49.97	<=-20	Pass
				2377.917	-49.57	<=-20	Pass
				2378.917	-49.01	<=-20	Pass
				2379.917	-48.45	<=-20	Pass
				2380.917	-47.68	<=-20	Pass
				2381.917	-46.98	<=-20	Pass
				2382.917	-46.27	<=-20	Pass



				2383.917	-45.47	<=-10	Pass
				2384.500	-44.95	<=-10	Pass
				2385.500	-44.19	<=-10	Pass
				2386.500	-43.34	<=-10	Pass
				2387.500	-42.58	<=-10	Pass
				2388.500	-41.78	<=-10	Pass
				2389.500	-40.87	<=-10	Pass
				2390.500	-40.02	<=-10	Pass
				2391.500	-39.18	<=-10	Pass
				2392.500	-38.26	<=-10	Pass
				2393.500	-37.60	<=-10	Pass
				2394.500	-36.83	<=-10	Pass
				2395.500	-36.16	<=-10	Pass
				2396.500	-35.58	<=-10	Pass
				2397.500	-34.96	<=-10	Pass
				2398.500	-34.29	<=-10	Pass
				2399.500	-33.42	<=-10	Pass
2472			1	2484.000	-30.77	<=-10	Pass
				2485.000	-31.78	<=-10	Pass
				2486.000	-32.67	<=-10	Pass
				2487.000	-33.20	<=-10	Pass
				2488.000	-33.83	<=-10	Pass
				2489.000	-34.79	<=-10	Pass
				2490.000	-35.60	<=-10	Pass
				2491.000	-36.61	<=-10	Pass
				2492.000	-37.70	<=-10	Pass
				2493.000	-38.52	<=-10	Pass
				2494.000	-39.89	<=-10	Pass
				2495.000	-41.07	<=-10	Pass
				2496.000	-42.23	<=-10	Pass
				2497.000	-43.23	<=-10	Pass
				2498.000	-44.00	<=-10	Pass
				2499.000	-44.81	<=-10	Pass
				2499.586	-45.29	<=-10	Pass
				2500.586	-45.98	<=-20	Pass
				2501.586	-46.76	<=-20	Pass
				2502.586	-47.51	<=-20	Pass
				2503.586	-48.07	<=-20	Pass
				2504.586	-48.60	<=-20	Pass
				2505.586	-49.08	<=-20	Pass
				2506.586	-49.48	<=-20	Pass
				2507.586	-49.74	<=-20	Pass



				2508.586	-49.93	<=-20	Pass
				2509.586	-50.12	<=-20	Pass
				2510.586	-50.17	<=-20	Pass
				2511.586	-50.24	<=-20	Pass
				2512.586	-50.29	<=-20	Pass
				2513.586	-50.30	<=-20	Pass
				2514.586	-50.32	<=-20	Pass
				2515.586	-50.36	<=-20	Pass
				2516.172	-50.37	<=-20	Pass

5.1.3 802.11n(HT20)-Ant1

802.11n(HT20) Ant1 NTNV							
Mode	TX Type	Frequency (MHz)	ANT	Test Freq. (MHz)	Result (dBm/MHz)	Limit (dBm/MHz)	Verdict
802.11n (HT20)	SISO	2412	1	2365.066	-51.48	<=-20	Pass
				2365.783	-51.47	<=-20	Pass
				2366.783	-51.39	<=-20	Pass
				2367.783	-51.31	<=-20	Pass
				2368.783	-51.14	<=-20	Pass
				2369.783	-51.09	<=-20	Pass
				2370.783	-50.97	<=-20	Pass
				2371.783	-50.81	<=-20	Pass
				2372.783	-50.67	<=-20	Pass
				2373.783	-50.45	<=-20	Pass
				2374.783	-50.12	<=-20	Pass
				2375.783	-49.71	<=-20	Pass
				2376.783	-49.30	<=-20	Pass
				2377.783	-48.71	<=-20	Pass
				2378.783	-48.17	<=-20	Pass
				2379.783	-47.51	<=-20	Pass
				2380.783	-46.83	<=-20	Pass
				2381.783	-46.09	<=-20	Pass
				2382.783	-45.32	<=-10	Pass
				2383.500	-44.77	<=-10	Pass
				2384.500	-44.01	<=-10	Pass
				2385.500	-43.24	<=-10	Pass
				2386.500	-42.50	<=-10	Pass
				2387.500	-41.71	<=-10	Pass
				2388.500	-40.89	<=-10	Pass
				2389.500	-40.11	<=-10	Pass
				2390.500	-39.17	<=-10	Pass
				2391.500	-38.41	<=-10	Pass



			2472	1	2392.500	-37.85	<=-10	Pass		
					2393.500	-37.24	<=-10	Pass		
					2394.500	-36.57	<=-10	Pass		
					2395.500	-35.85	<=-10	Pass		
					2396.500	-35.46	<=-10	Pass		
					2397.500	-34.97	<=-10	Pass		
					2398.500	-34.37	<=-10	Pass		
					2399.500	-33.32	<=-10	Pass		
					2484.000	-30.56	<=-10	Pass		
					2485.000	-31.75	<=-10	Pass		
					2486.000	-32.38	<=-10	Pass		
					2487.000	-33.13	<=-10	Pass		
					2488.000	-33.82	<=-10	Pass		
					2489.000	-34.49	<=-10	Pass		
					2490.000	-35.18	<=-10	Pass		
					2491.000	-35.96	<=-10	Pass		
					2492.000	-36.90	<=-10	Pass		
					2493.000	-37.79	<=-10	Pass		
					2494.000	-38.70	<=-10	Pass		
					2495.000	-39.84	<=-10	Pass		
					2496.000	-41.19	<=-10	Pass		
					2497.000	-42.17	<=-10	Pass		
					2498.000	-43.21	<=-10	Pass		
					2499.000	-43.93	<=-10	Pass		
					2500.000	-44.74	<=-10	Pass		
					2500.725	-45.20	<=-10	Pass		
					2501.725	-46.05	<=-20	Pass		
					2502.725	-46.71	<=-20	Pass		
					2503.725	-47.34	<=-20	Pass		
					2504.725	-47.90	<=-20	Pass		
					2505.725	-48.42	<=-20	Pass		
					2506.725	-48.90	<=-20	Pass		
					2507.725	-49.29	<=-20	Pass		
					2508.725	-49.61	<=-20	Pass		
					2509.725	-49.83	<=-20	Pass		
					2510.725	-50.01	<=-20	Pass		
					2511.725	-50.15	<=-20	Pass		
					2512.725	-50.22	<=-20	Pass		
					2513.725	-50.26	<=-20	Pass		
					2514.725	-50.32	<=-20	Pass		
					2515.725	-50.34	<=-20	Pass		
					2516.725	-50.37	<=-20	Pass		



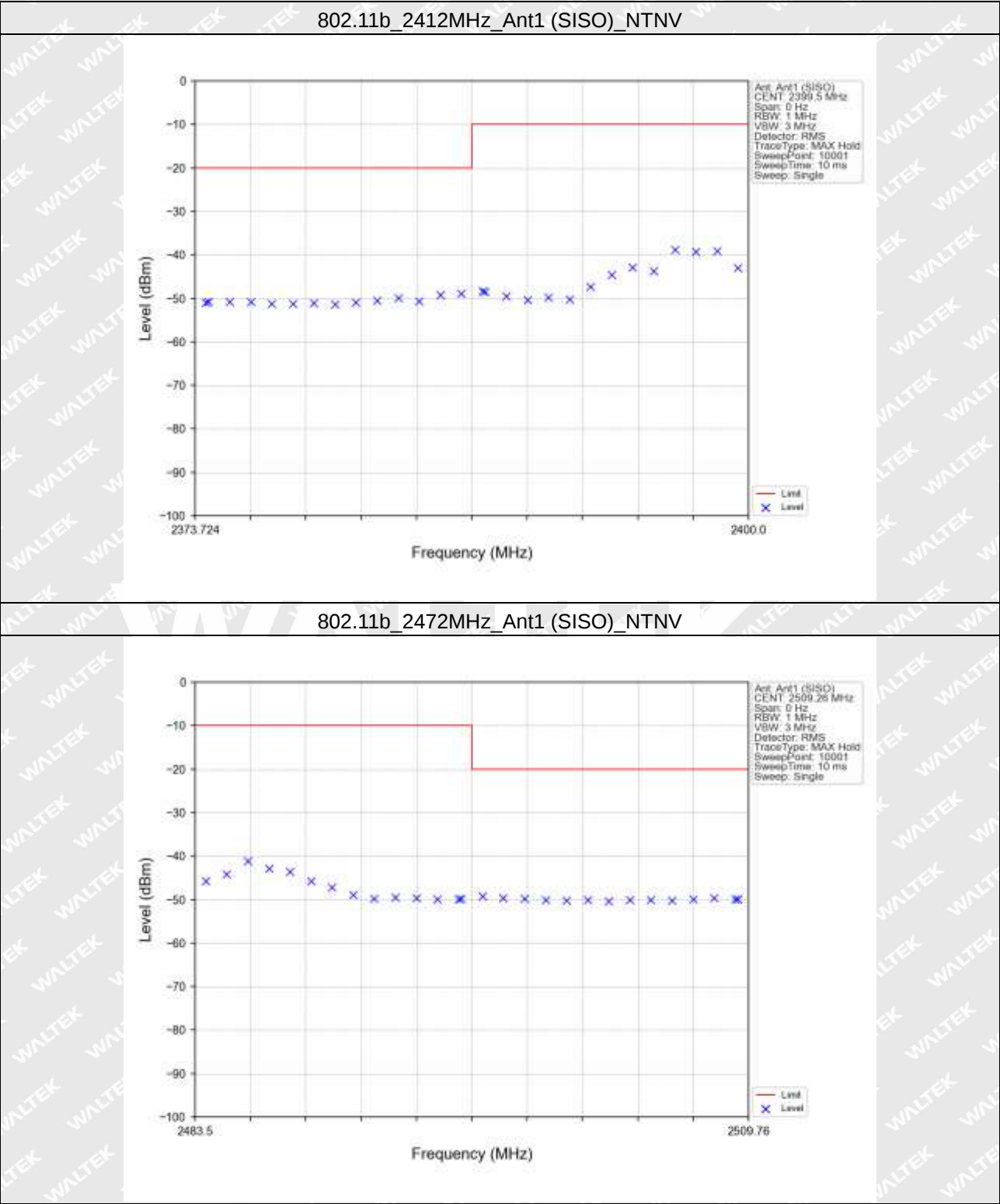
				2517.725	-50.37	<=-20	Pass
				2518.450	-50.42	<=-20	Pass

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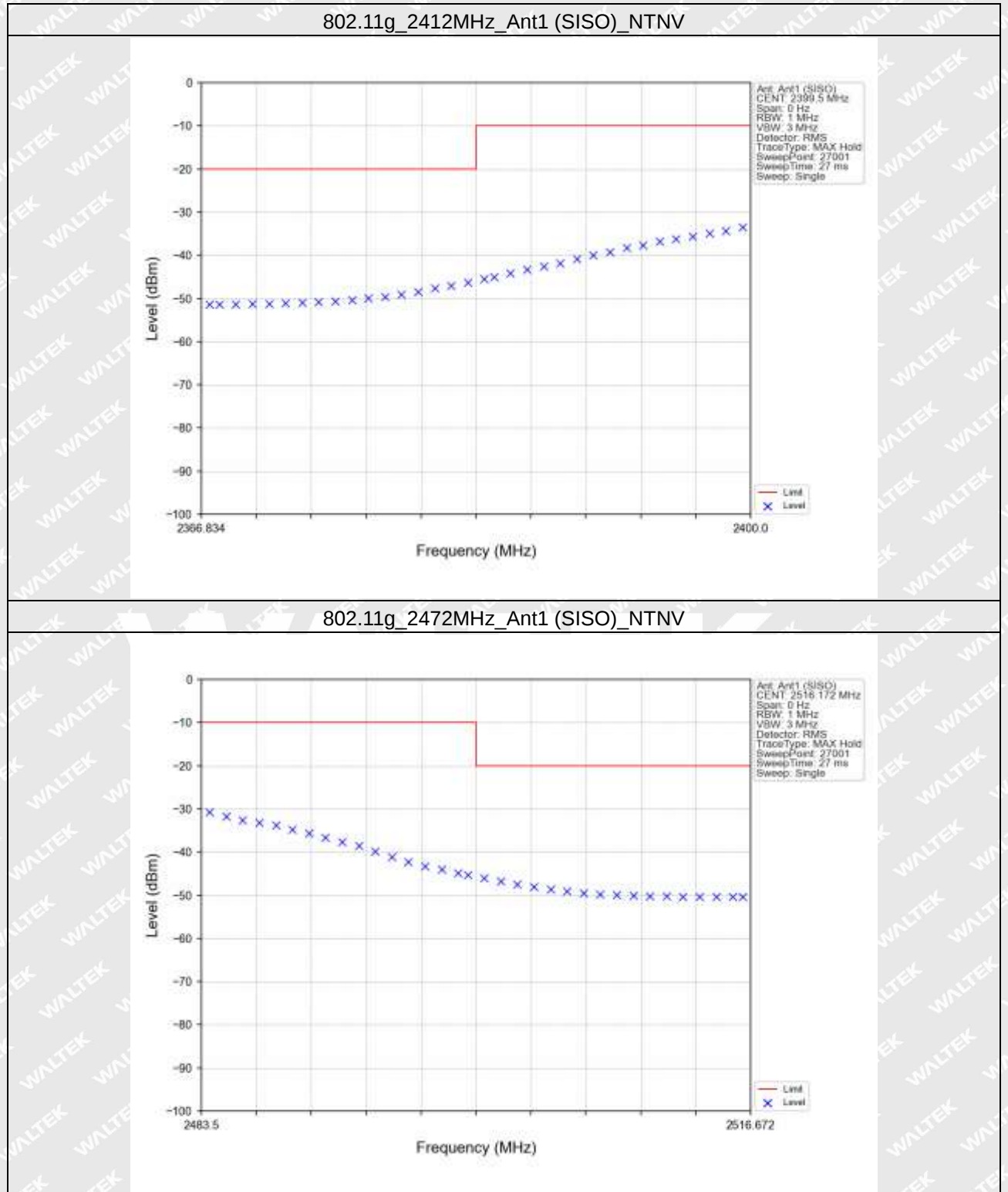
5.2 Test Graph

5.2.1 802.11b-Ant1





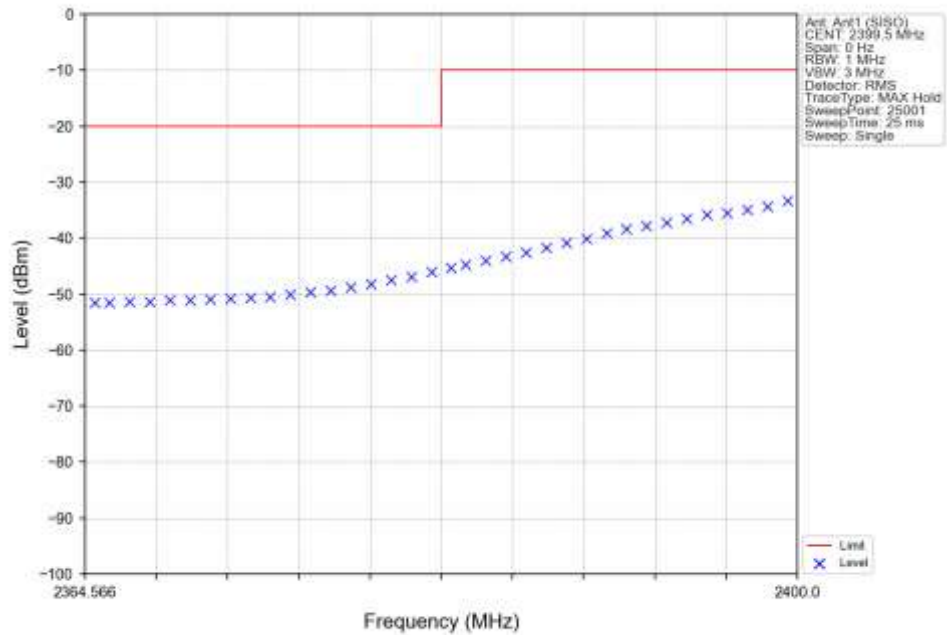
5.2.2 802.11g-Ant1



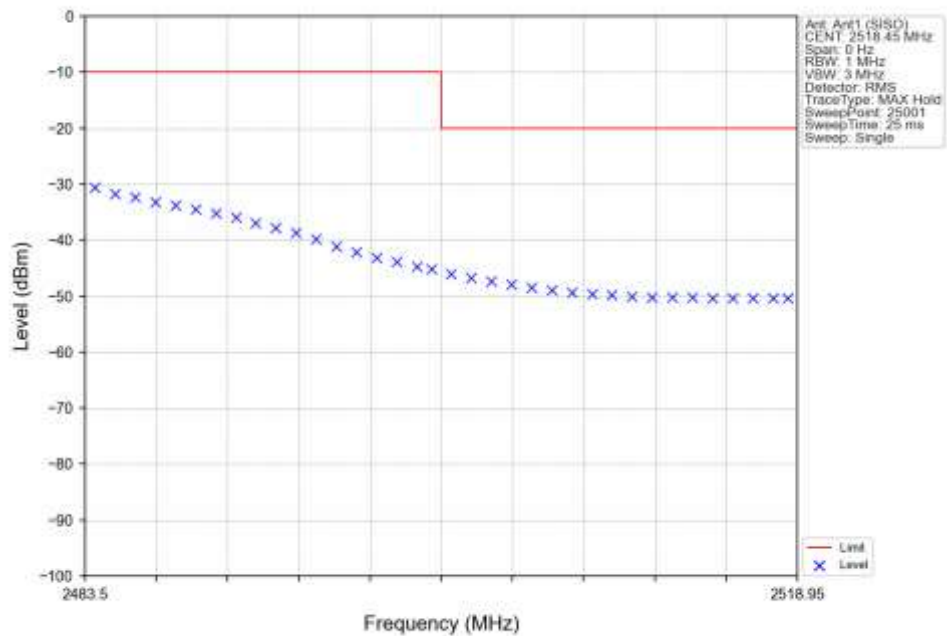


5.2.3 802.11n(HT20)-Ant1

802.11n(HT20)_2412MHz_Ant1 (SISO)_NTNV



802.11n(HT20)_2472MHz_Ant1 (SISO)_NTNV





6. Transmitter Unwanted Emissions In The Spurious Domain

6.1 Test Result

6.1.1 TxSe

ENV	Mode	TX Type	Frequency (MHz)	ANT	Test Result	Limit	Verdict
NTNV	802.11b	SISO	2412	1	Refer To Test Graph		Pass
			2472	1	Refer To Test Graph		Pass
	802.11g	SISO	2412	1	Refer To Test Graph		Pass
			2472	1	Refer To Test Graph		Pass
	802.11n (HT20)	SISO	2412	1	Refer To Test Graph		Pass
			2472	1	Refer To Test Graph		Pass

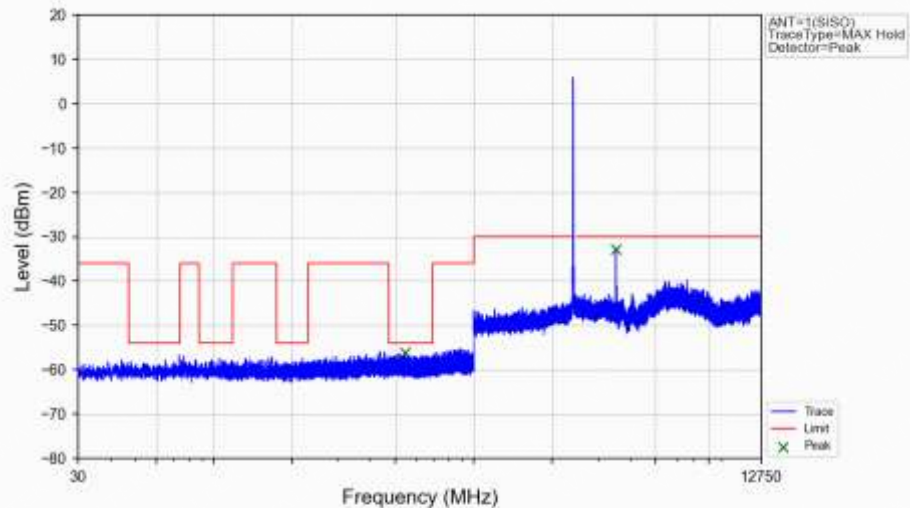
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6.2 Test Graph

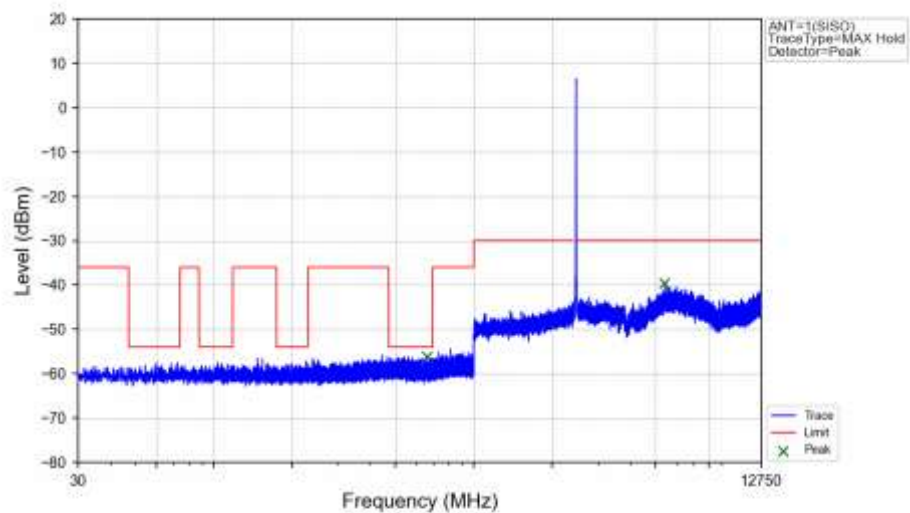
6.2.1 TxSe

802.11b_2412MHz_Ant1 (SISO)_NTNV

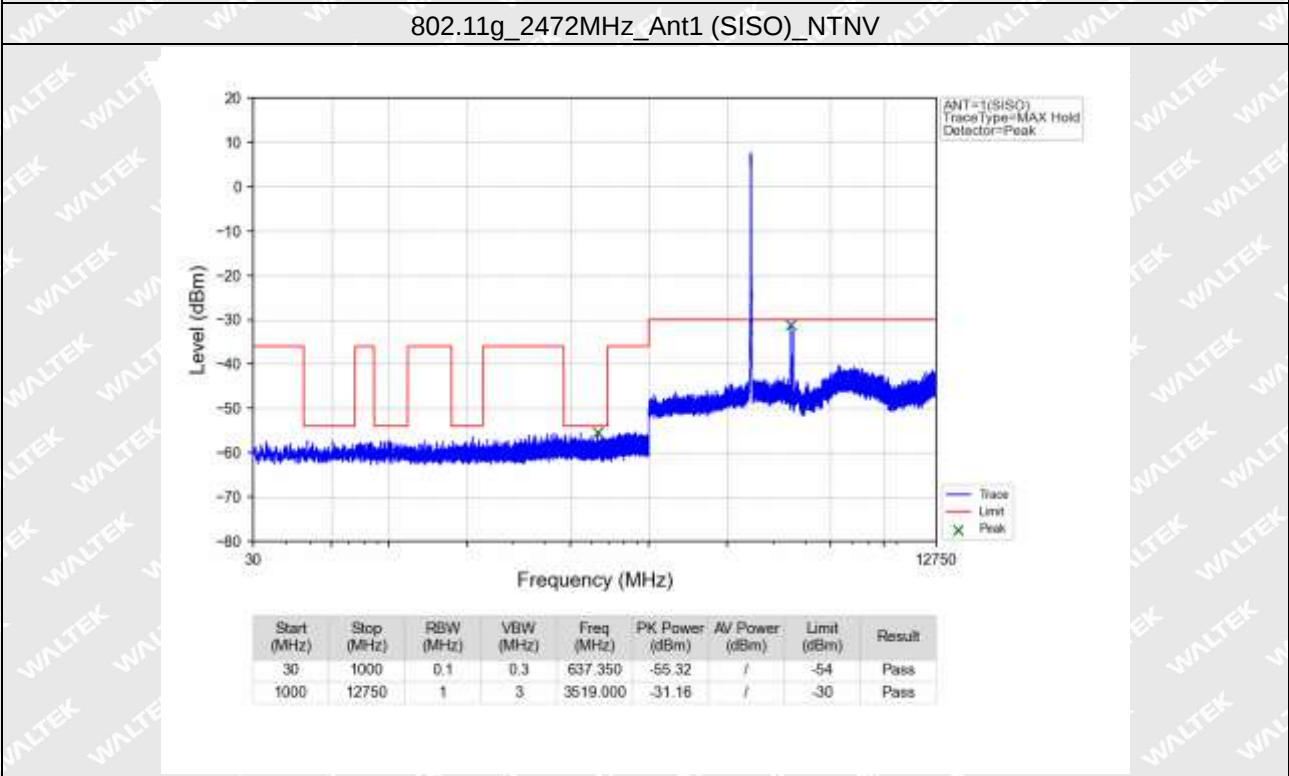
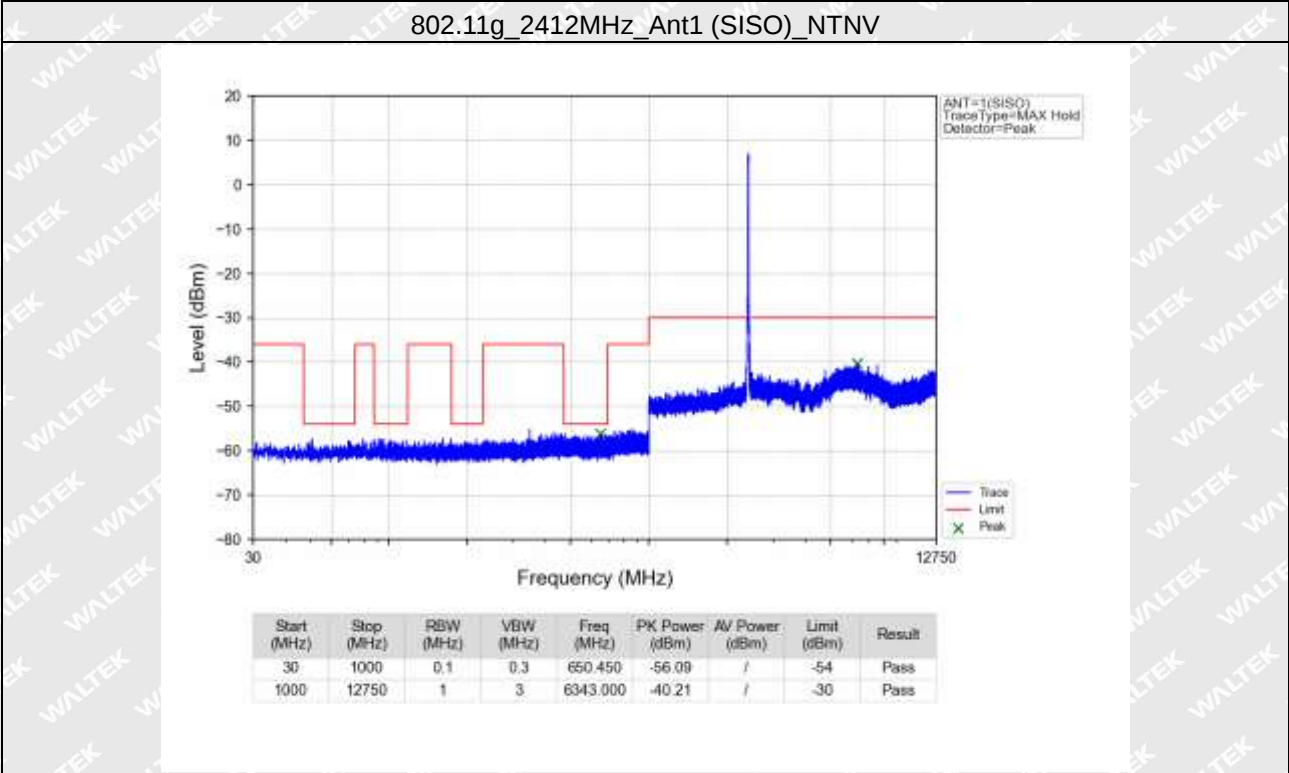


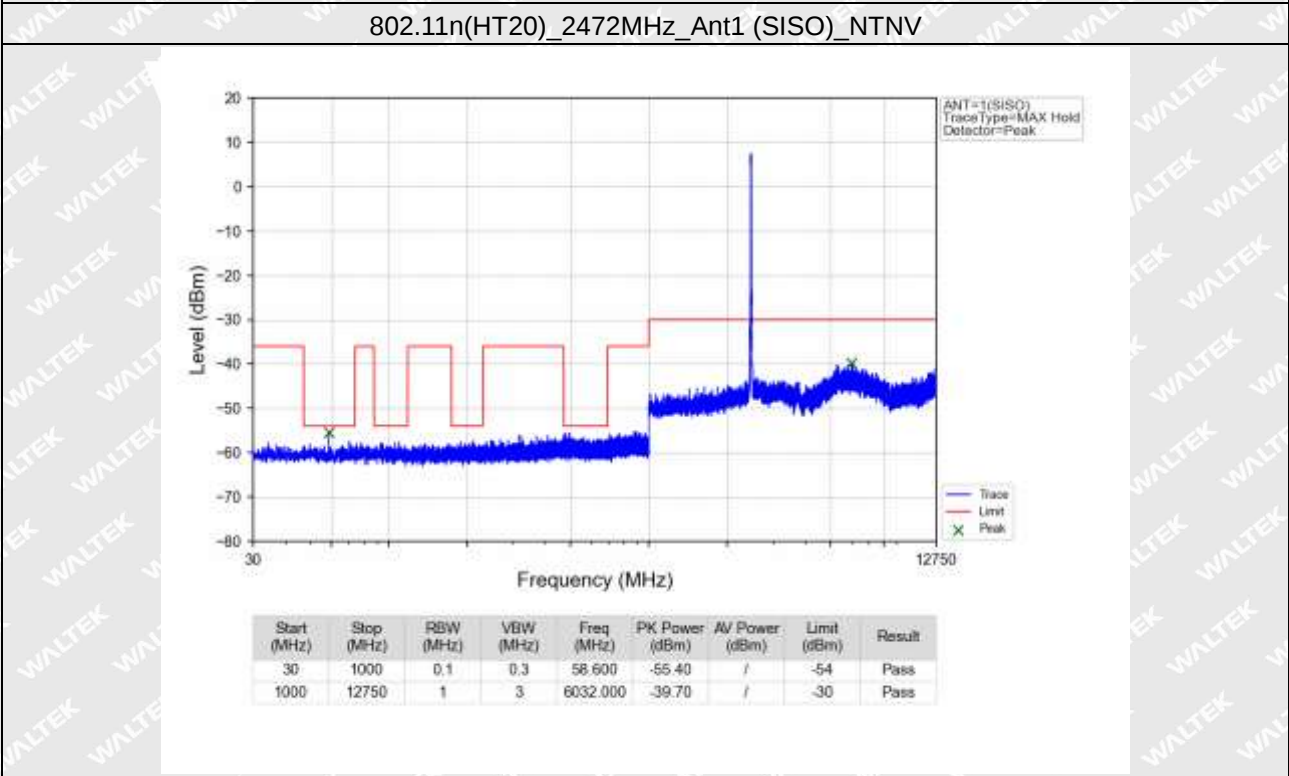
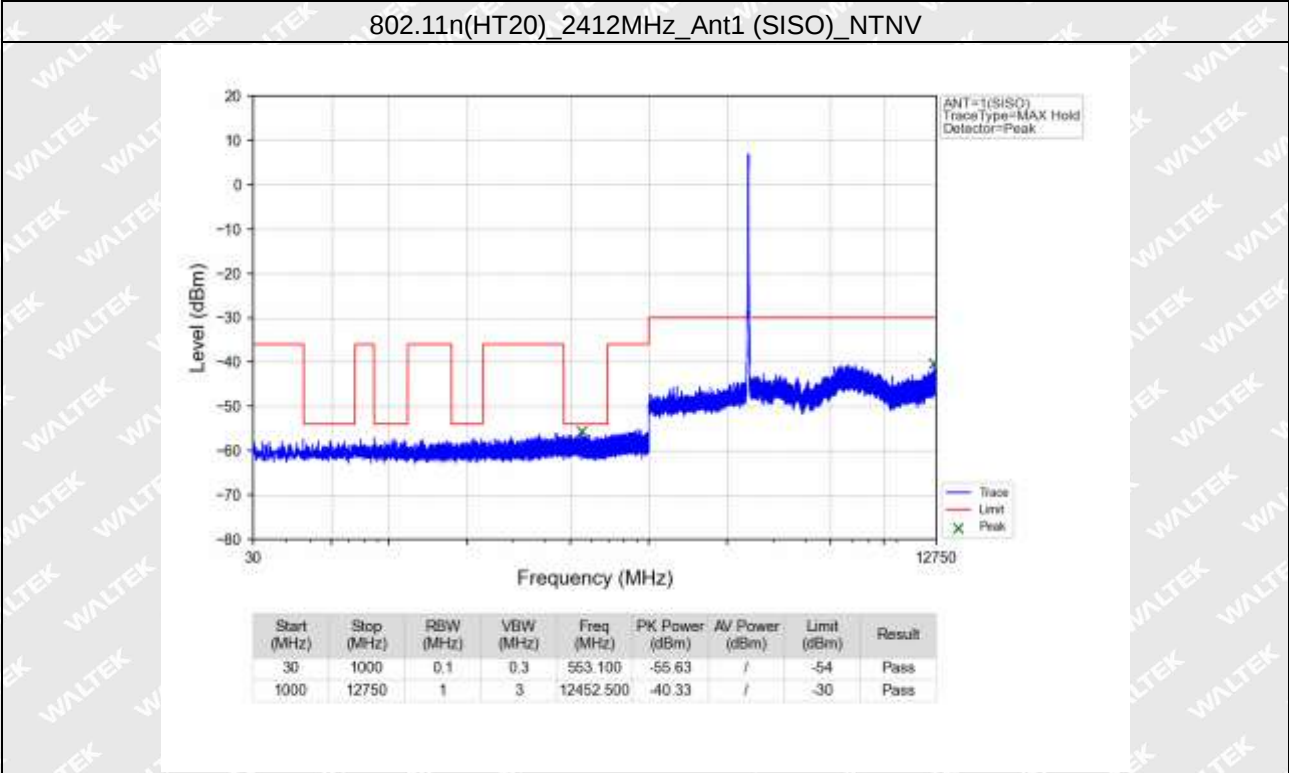
Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Limit (dBm)	Result
30	1000	0.1	0.3	541.850	-56.08	/	-54	Pass
1000	12750	1	3	3519.000	-32.90	/	-30	Pass

802.11b_2472MHz_Ant1 (SISO)_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	VBW (MHz)	Freq (MHz)	PK Power (dBm)	AV Power (dBm)	Limit (dBm)	Result
30	1000	0.1	0.3	657.250	-56.09	/	-54	Pass
1000	12750	1	3	5422.000	-39.48	/	-30	Pass







7. Receiver Spurious Emissions

7.1 Test Result

7.1.1 RxSe

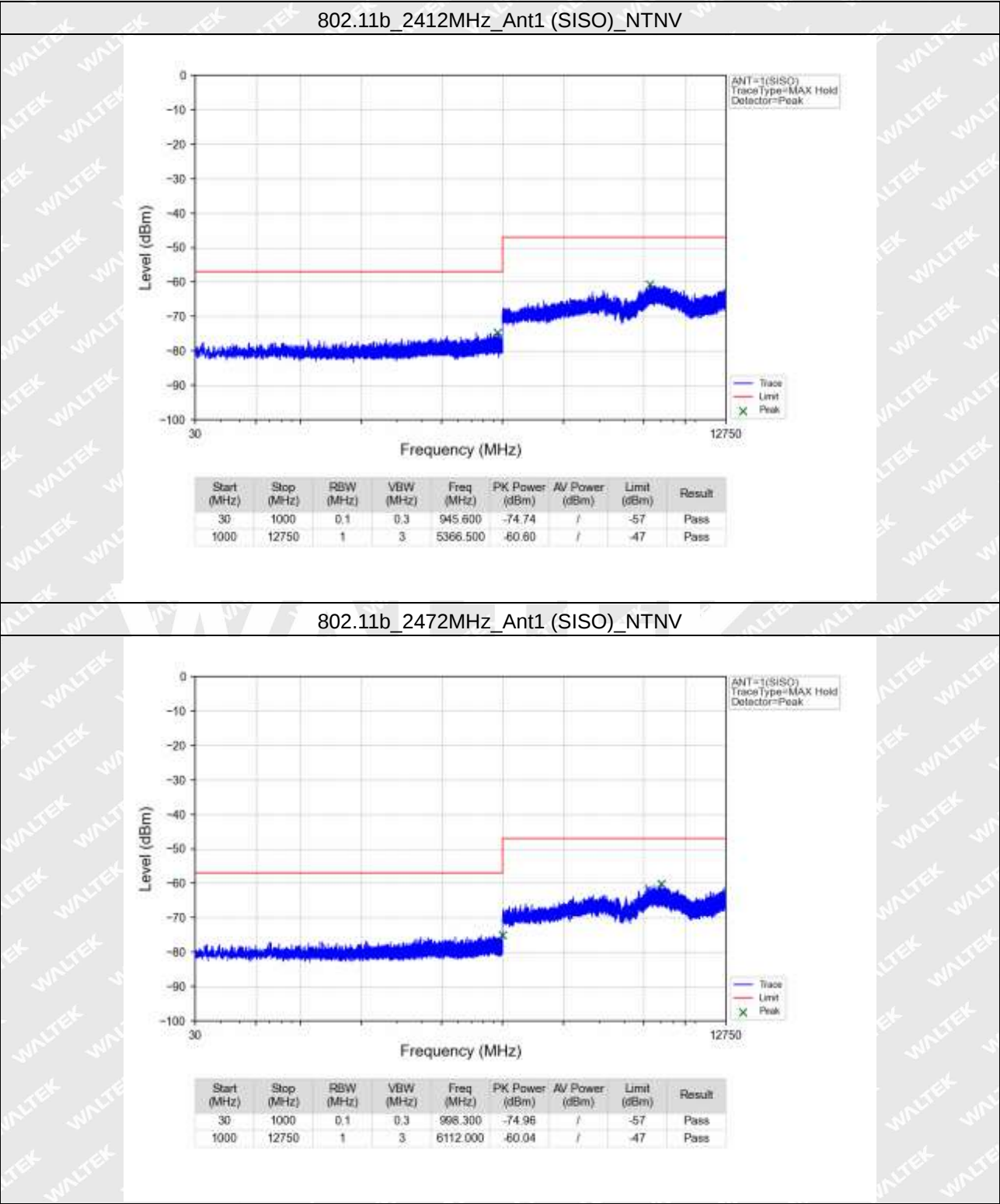
ENV	Mode	TX Type	Frequency (MHz)	ANT	Test Result	Limit	Verdict
NTNV	802.11b	SISO	2412	1	Refer To Test Graph		Pass
			2472	1	Refer To Test Graph		Pass
	802.11g	SISO	2412	1	Refer To Test Graph		Pass
			2472	1	Refer To Test Graph		Pass
	802.11n (HT20)	SISO	2412	1	Refer To Test Graph		Pass
			2472	1	Refer To Test Graph		Pass

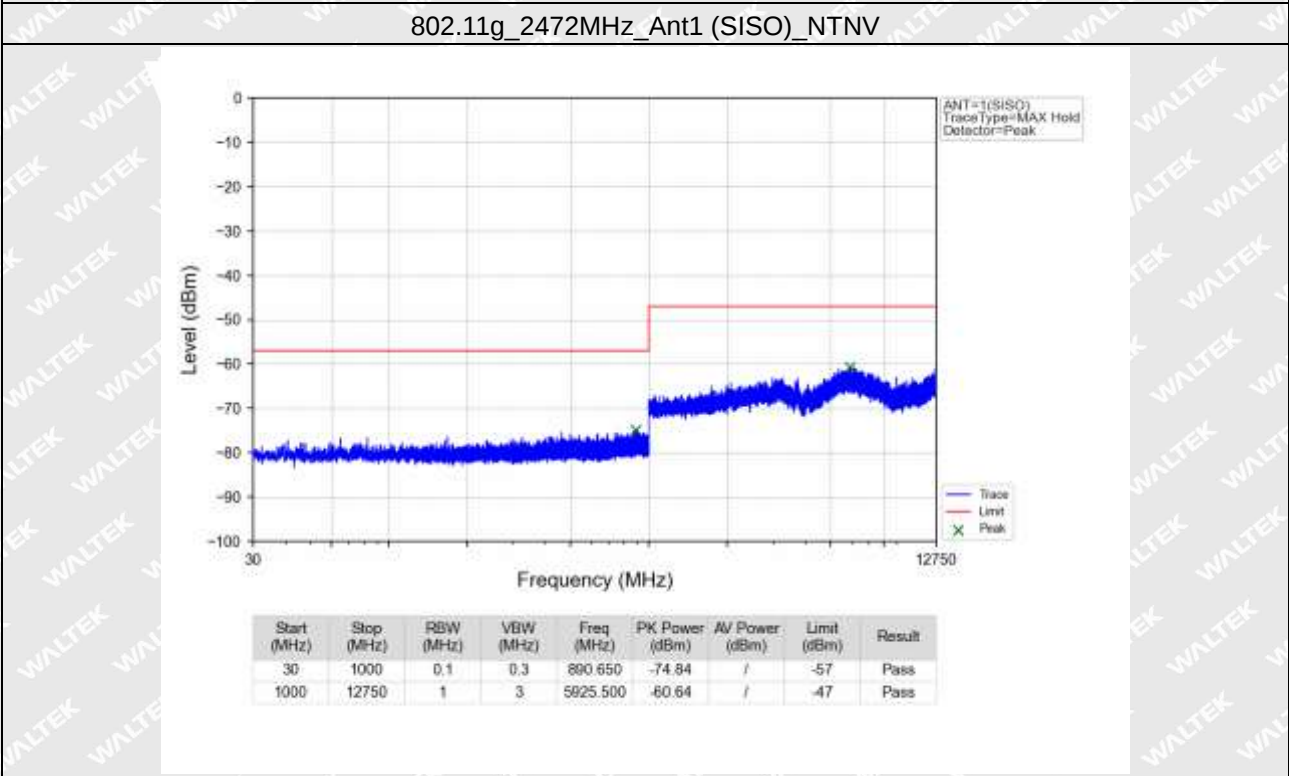
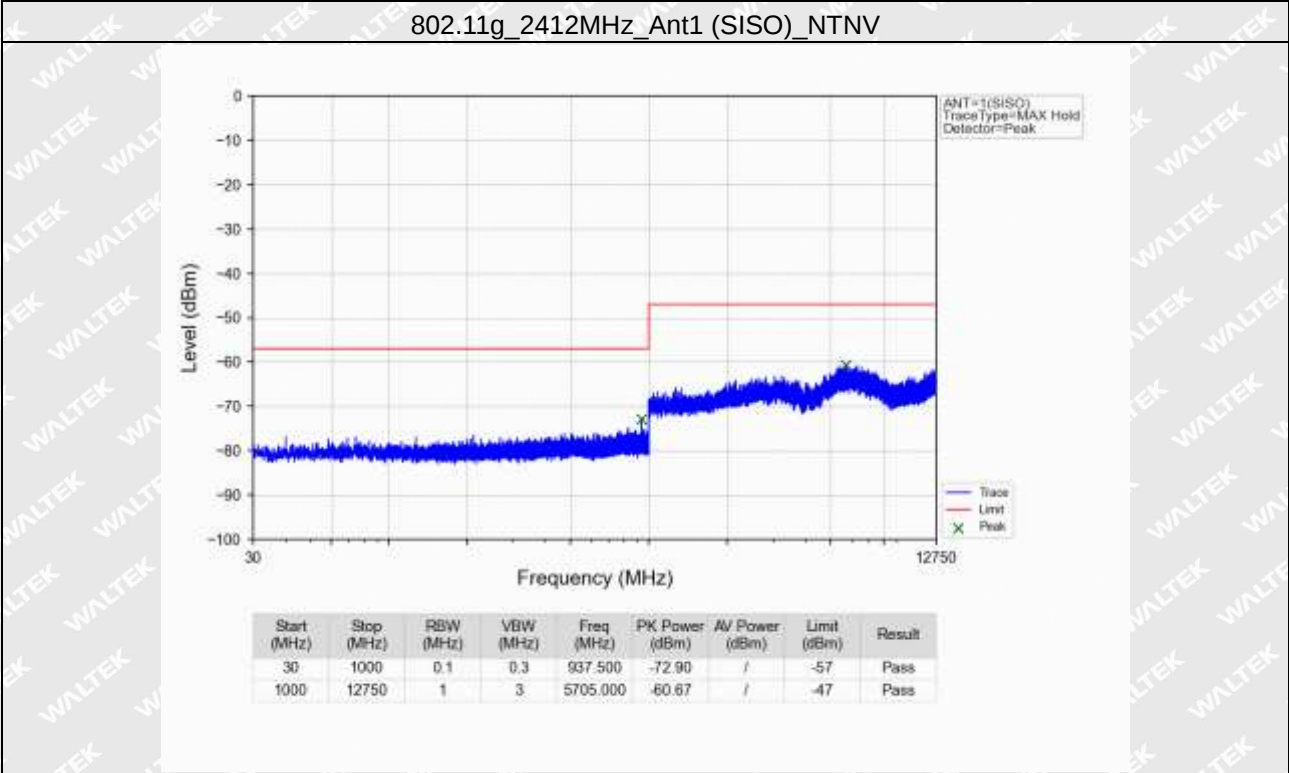
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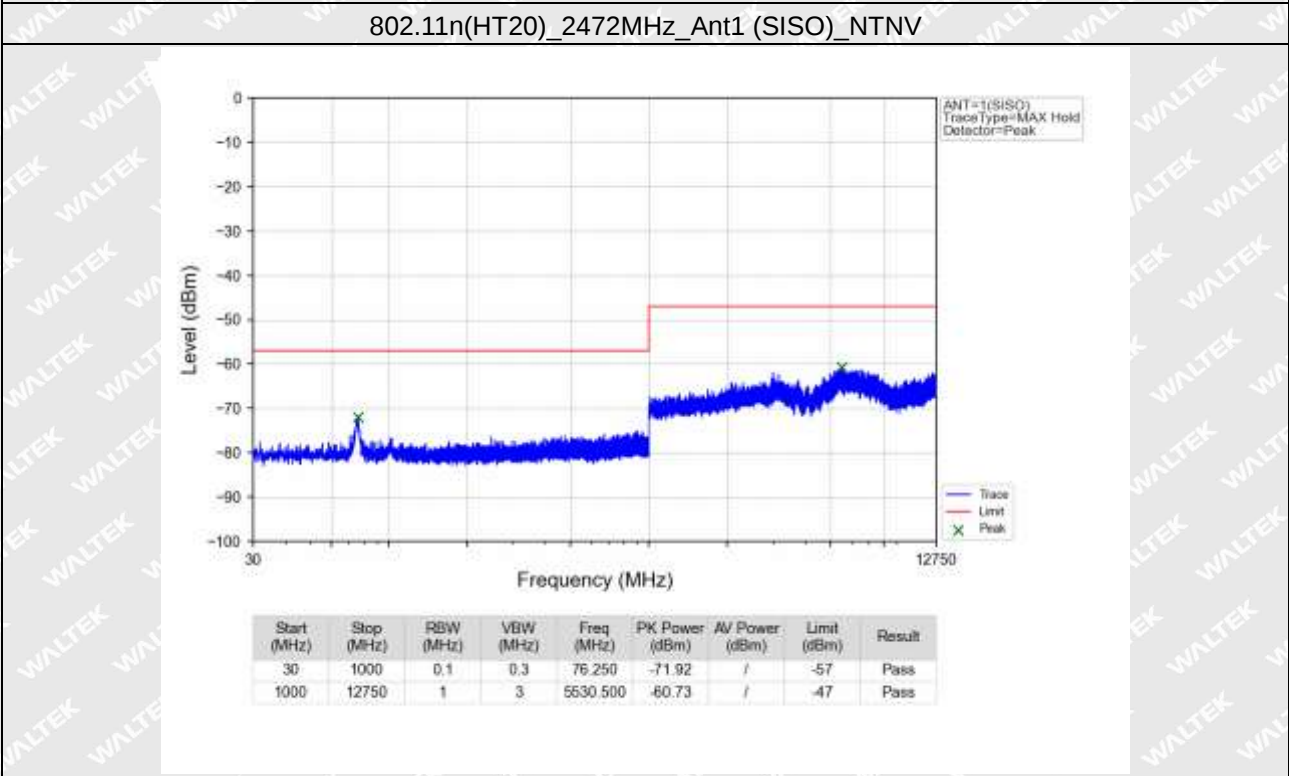
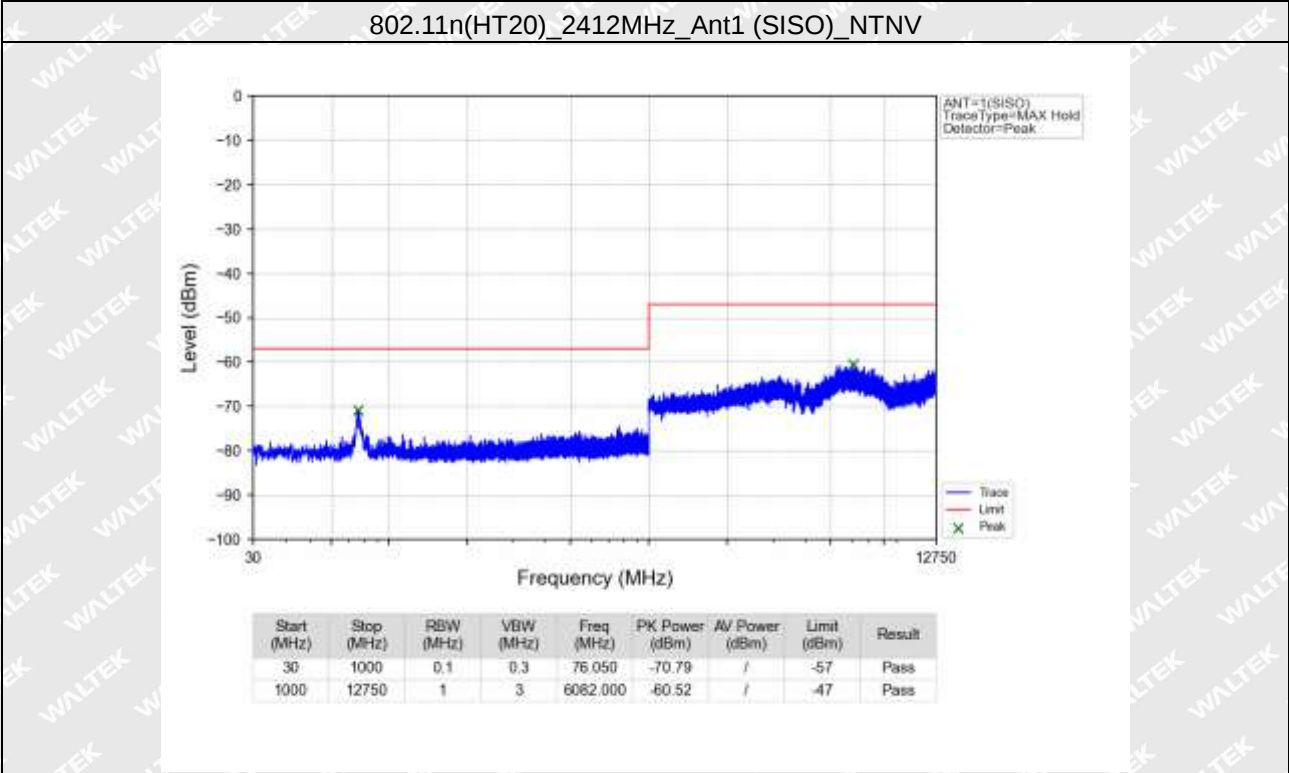


7.2 Test Graph

7.2.1 RxSe









8. Receiver Blocking

8.1 Test Result

8.1.1 Ant1

Ant1									
ENV	Mode	TX Type	Frequency (MHz)	Wanted signal level (dBm)	Blocking Signal		PER (%)	Limit (%)	Verdict
					Frequency (MHz)	Power (dBm)			
NTNV	802.11b	SISO	2412	-70.23	2300 ¹	-30.23 ¹	1.7	<=10	Pass
				-70.23	2330 ¹	-30.23 ¹	1.6	<=10	Pass
				-70.23	2360 ¹	-30.23 ¹	1.9	<=10	Pass
				-64.23	2380 ¹	-30.23 ¹	1.8	<=10	Pass
			2472	-64.23	2504 ¹	-30.23 ¹	1.8	<=10	Pass
				-70.23	2524 ¹	-30.23 ¹	1.5	<=10	Pass
				-70.23	2584 ¹	-30.23 ¹	1.7	<=10	Pass
				-70.23	2674 ¹	-30.23 ¹	1.4	<=10	Pass
Note1: Receiver Category 1.									

===== End of Report =====

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