



TEST REPORT

Reference No. : WTU26D02040332W003
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
WTU26D02040332W003	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.

Bluetooth Version: v5.1
Hardware Version: V2.0 Rev0.3
Software Version: v06.04.51
Receiver Category: 2

4.2 Details of E.U.T.

Operation Frequency: 2402-2480MHz
Number of Channels: 40
Max. RF output power: LE 1M: 7.21dBm EIRP, LE 2M: 7.21dBm EIRP
Type of Modulation: GFSK
Antenna installation: Ceramic Antenna
Antenna Gain: 2.93dBi

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	TX mode	Keep the EUT in continuously transmitting mode
TM2	RX mode	Keep the EUT in continuously receiving mode
TM3	Normal mode	Keep the EUT in normal link mode

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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
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					
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

Transmitter unwanted emissions in the spurious domain (30MHz to 1GHz)					
Receiver spurious emissions (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+SUHNER	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



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

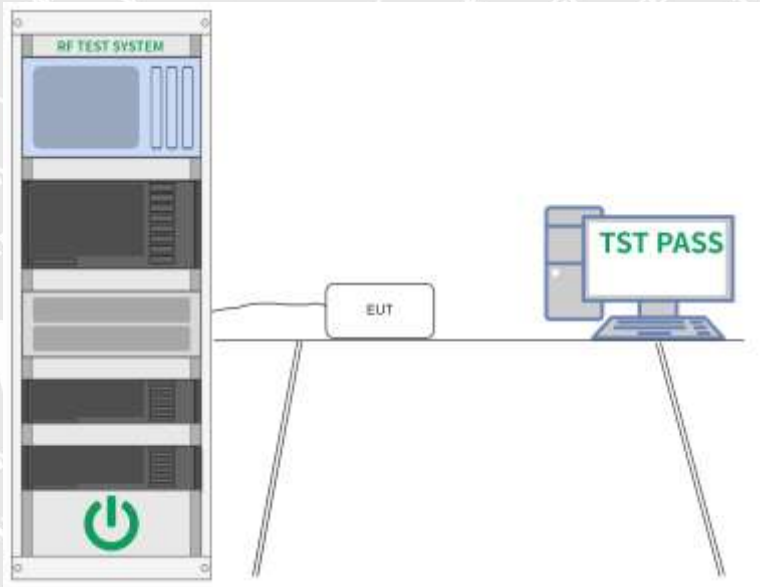
7.1 RF Power

Test Requirement:	Clause 4.3.2.2.1
Test Limit:	<=20dBm
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				

7.1.2 Basic Test Setup Block Diagram



7.1.3 Summary of Test Results

Please Refer to Appendix for Details.



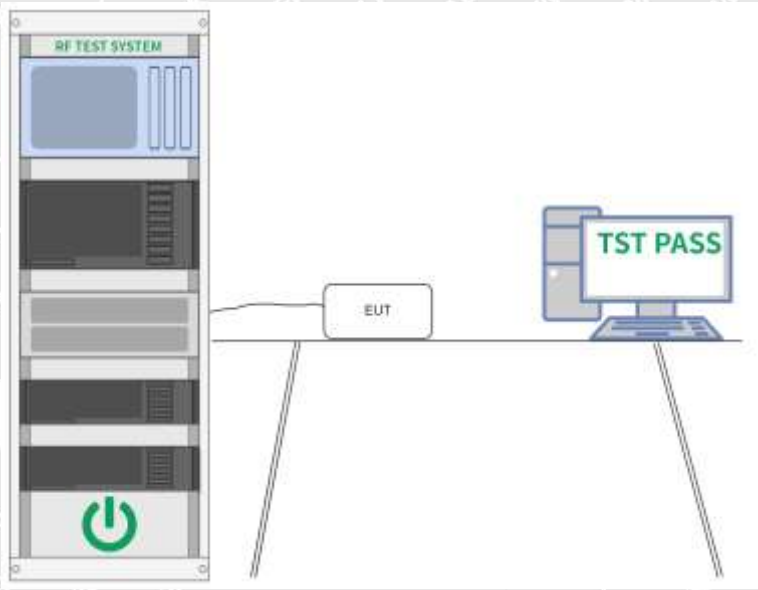
7.2 Power Spectral Density

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				

7.2.2 Basic Test Setup Block Diagram



7.2.3 Summary of Test Results

Please Refer to Appendix for Details.



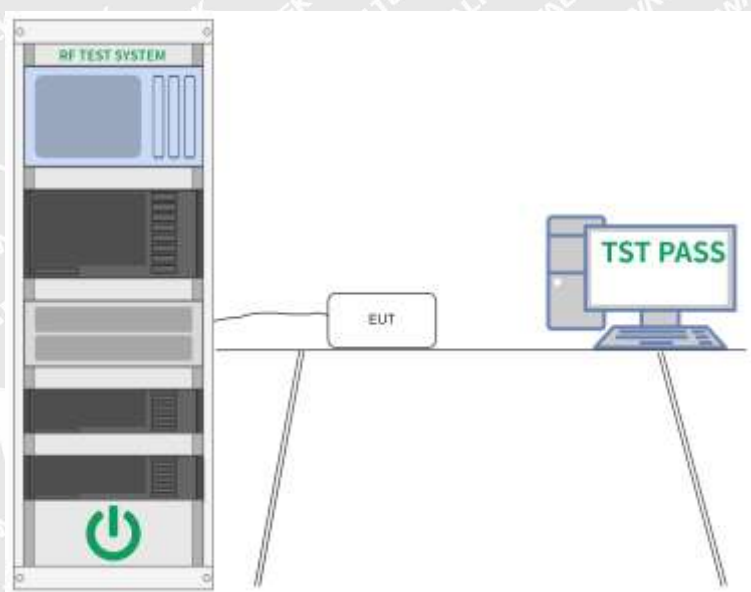
7.3 Occupied Channel Bandwidth

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

7.3.1 E.U.T. Operation

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

7.3.2 Basic Test Setup Block Diagram



7.3.3 Summary of Test Results

Please Refer to Appendix for Details.



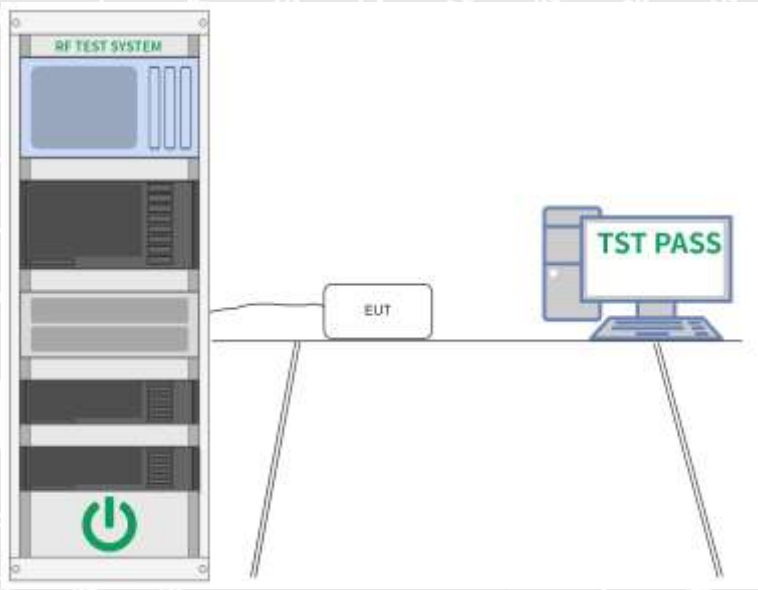
7.4 Transmitter unwanted emissions in the out-of-band domain

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

7.4.1 E.U.T. Operation

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

7.4.2 Basic Test Setup Block Diagram



7.4.3 Summary of Test Results

Please Refer to Appendix for Details.



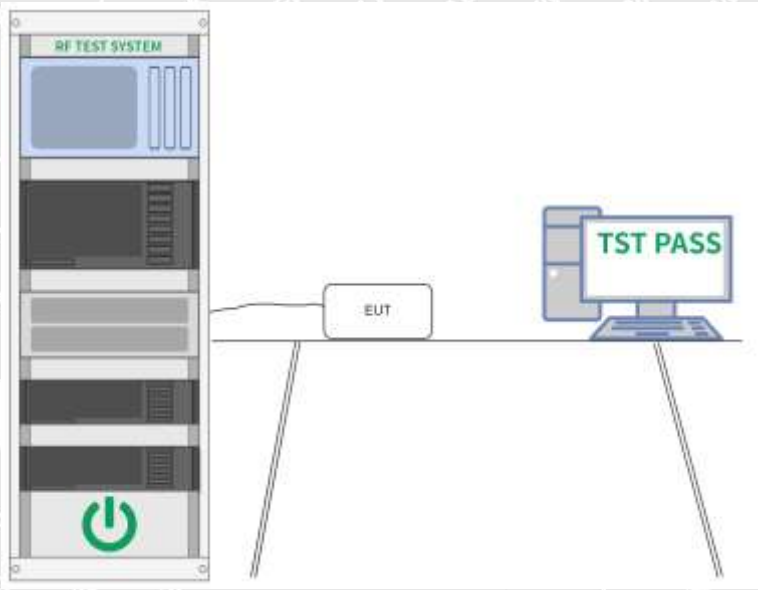
7.5 Transmitter unwanted emissions in the spurious domain, conducted

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

7.5.1 E.U.T. Operation

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

7.5.2 Basic Test Setup Block Diagram



7.5.3 Summary of Test Results

Please Refer to Appendix for Details.



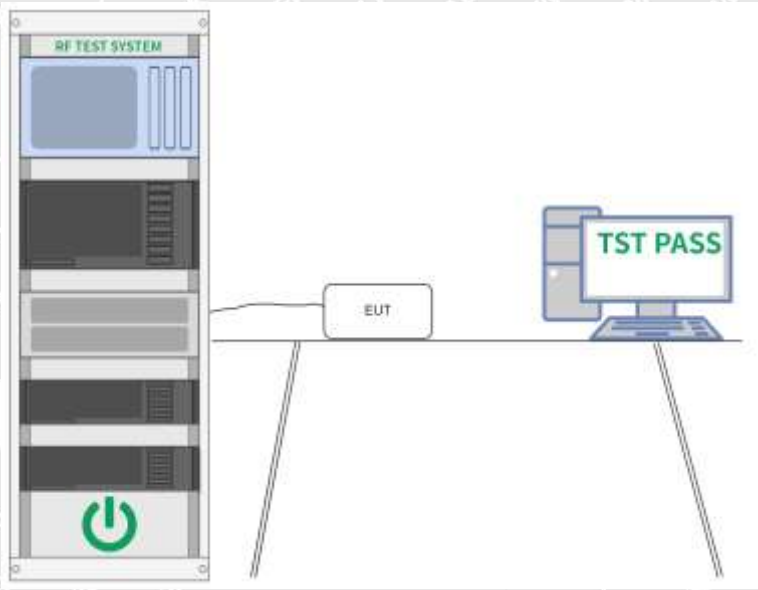
7.6 Receiver spurious emissions, conducted

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

7.6.1 E.U.T. Operation

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

7.6.2 Basic Test Setup Block Diagram



7.6.3 Summary of Test Results

Please Refer to Appendix for Details.

**7.7 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

7.7.1 E.U.T. Operation

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

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7.7.2 Summary of Test Results

Test Condition: Normal Mode (GFSK of LE Low channel)										
Frequency	Receiver Reading	Turn table Angle	RX Antenna		Substituted			Absolute Level	Limit	Margin
			Height	Polar	SG Level	Cable	Antenna Gain			
(MHz)	(dBμV)	Degree	(m)	(H/V)	(dBm)	(dB)	(dB)	(dBm)	(dBm)	(dB)
75.21	45.51	237	1.4	H	-54.99	2.01	9.40	-47.60	-36	-11.60
75.21	47.96	34	1.5	V	-51.39	2.01	9.40	-44.00	-36	-8.00
608.45	13.02	43	1.1	H	-87.48	3.44	20.50	-70.42	-54	-16.42
608.45	15.23	95	1.9	V	-84.12	3.44	20.50	-67.06	-54	-13.06
Test Condition: Normal Mode (GFSK of LE High channel)										
Frequency	Receiver Reading	Turn table Angle	RX Antenna		Substituted			Absolute Level	Limit	Margin
			Height	Polar	SG Level	Cable	Antenna Gain			
(MHz)	(dBμV)	Degree	(m)	(H/V)	(dBm)	(dB)	(dB)	(dBm)	(dBm)	(dB)
75.21	45.13	26	1.2	H	-55.37	2.01	9.40	-47.98	-36	-11.98
75.21	48.33	277	1.2	V	-51.02	2.01	9.40	-43.63	-36	-7.63
608.45	12.26	35	1.7	H	-88.24	3.44	20.50	-71.18	-54	-17.18
608.45	13.91	148	1.8	V	-85.44	3.44	20.50	-68.38	-54	-14.38

Remark: only the worst case LE 1M mode is recorded.



7.8 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

7.8.1 E.U.T. Operation

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

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7.8.2 Summary of Test Results

Test Condition: Normal Mode (GFSK of LE Low channel)										
Frequency	Receiver Reading	Turn table Angle	RX Antenna		Substituted			Absolute Level	Limit	Margin
			Height	Polar	SG Level	Cable	Antenna Gain			
(MHz)	(dBμV)	Degree	(m)	(H/V)	(dBm)	(dB)	(dB)	(dBm)	(dBm)	(dB)
4804.00	57.93	66	2.0	H	-51.70	2.40	11.60	-42.50	-30	-12.50
4804.00	61.70	37	1.0	V	-46.86	2.40	11.60	-37.66	-30	-7.66
7206.00	45.52	97	1.2	H	-61.01	2.90	12.00	-51.91	-30	-21.91
7206.00	51.31	72	1.9	V	-55.51	2.90	12.00	-46.41	-30	-16.41
Test Condition: Normal Mode (GFSK of LE High channel)										
Frequency	Receiver Reading	Turn table Angle	RX Antenna		Substituted			Absolute Level	Limit	Margin
			Height	Polar	SG Level	Cable	Antenna Gain			
(MHz)	(dBμV)	Degree	(m)	(H/V)	(dBm)	(dB)	(dB)	(dBm)	(dBm)	(dB)
4960.00	57.12	68	1.6	H	-52.51	2.40	11.60	-43.31	-30	-13.31
4960.00	60.99	302	1.7	V	-47.57	2.40	11.60	-38.37	-30	-8.37
7440.00	45.56	191	1.1	H	-61.68	2.90	12.00	-52.58	-30	-22.58
7440.00	51.36	37	1.2	V	-54.03	2.90	12.00	-44.93	-30	-14.93

Remark: only the worst case LE 1M mode is recorded.



7.9 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

7.9.1 E.U.T. Operation

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

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7.9.2 Summary of Test Results

Test Condition: Normal Mode: GFSK of LE Low channel										
Frequency	Receiver Reading	Turn table Angle	RX Antenna		Substituted			Absolute Level	Limit	Margin
			Height	Polar	SG Level	Cable	Antenna Gain			
(MHz)	(dBμV)	Degree	(m)	(H/V)	(dBm)	(dB)	(dB)	(dBm)	(dBm)	(dB)
149.83	38.26	349	1.5	H	-71.45	0.15	0.00	-71.60	-57	-14.60
149.83	40.55	236	1.3	V	-66.44	0.15	0.00	-66.59	-57	-9.59
902.74	29.54	31	1.7	H	-80.17	0.34	10.50	-70.01	-57	-13.01
902.74	32.17	165	1.9	V	-74.82	0.34	10.50	-64.66	-57	-7.66
Test Condition: Normal Mode: GFSK of LE High channel										
Frequency	Receiver Reading	Turn table Angle	RX Antenna		Substituted			Absolute Level	Limit	Margin
			Height	Polar	SG Level	Cable	Antenna Gain			
(MHz)	(dBμV)	Degree	(m)	(H/V)	(dBm)	(dB)	(dB)	(dBm)	(dBm)	(dB)
149.83	38.33	198	1.4	H	-71.38	0.15	0.00	-71.53	-57	-14.53
149.83	39.86	5	1.2	V	-67.13	0.15	0.00	-67.28	-57	-10.28
902.74	28.82	75	1.4	H	-80.89	0.34	10.50	-70.73	-57	-13.73
902.74	32.52	129	1.6	V	-74.47	0.34	10.50	-64.31	-57	-7.31

Remark: only the worst case LE 1M mode is recorded.



7.10 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

7.10.1 E.U.T. Operation

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

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**7.10.2 Summary of Test Results**

Test Condition: Normal Mode: GFSK of LE Low channel										
Frequency	Receiver Reading	Turn table Angle	RX Antenna		Substituted			Absolute Level	Limit	Margin
			Height	Polar	SG Level	Cable	Antenna Gain			
(MHz)	(dBμV)	Degree	(m)	(H/V)	(dBm)	(dB)	(dB)	(dBm)	(dBm)	(dB)
2470.15	41.11	281	1.4	H	-72.27	0.34	10.50	-62.11	-47	-15.11
2470.15	45.80	72	1.1	V	-66.83	0.34	10.50	-56.67	-47	-9.67
5720.66	35.85	253	1.9	H	-77.53	2.01	13.64	-65.90	-47	-18.90
5720.66	40.71	205	1.8	V	-71.92	2.01	13.64	-60.29	-47	-13.29
Test Condition: Normal Mode: GFSK of LE High channel										
Frequency	Receiver Reading	Turn table Angle	RX Antenna		Substituted			Absolute Level	Limit	Margin
			Height	Polar	SG Level	Cable	Antenna Gain			
(MHz)	(dBμV)	Degree	(m)	(H/V)	(dBm)	(dB)	(dB)	(dBm)	(dBm)	(dB)
2470.15	40.88	17	1.8	H	-72.50	0.34	10.50	-62.34	-47	-15.34
2470.15	46.75	335	1.5	V	-65.88	0.34	10.50	-55.72	-47	-8.72
5720.66	36.59	187	1.1	H	-76.79	2.01	13.64	-65.16	-47	-18.16
5720.66	40.40	220	1.6	V	-72.23	2.01	13.64	-60.60	-47	-13.60

Remark: only the worst case LE 1M mode is recorded.



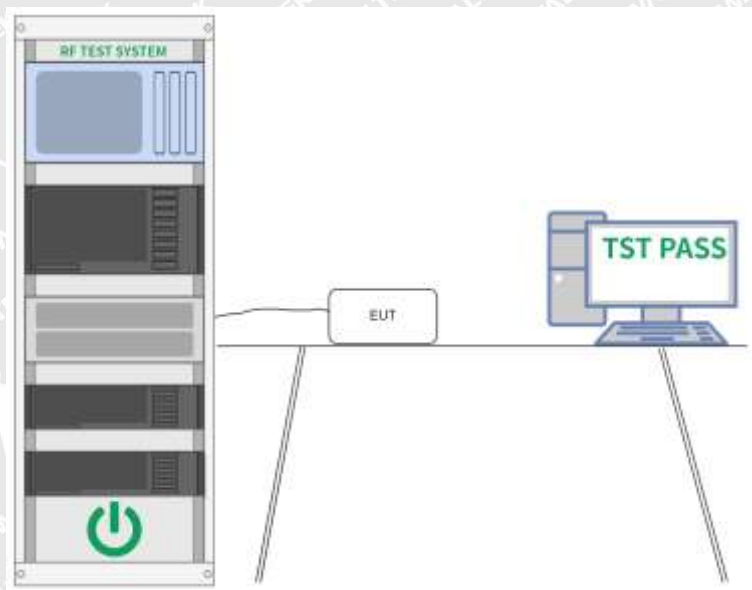
7.11 Receiver Blocking

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

7.11.1 E.U.T. Operation

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

7.11.2 Basic Test Setup Block Diagram



7.11.3 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	1M	SISO	2402	1	2.93	4.15	7.08	≤ 20	Pass
			2440	1	2.93	4.28	7.21	≤ 20	Pass
			2480	1	2.93	3.65	6.58	≤ 20	Pass
	2M	SISO	2402	1	2.93	4.14	7.07	≤ 20	Pass
			2440	1	2.93	4.28	7.21	≤ 20	Pass
			2480	1	2.93	3.65	6.58	≤ 20	Pass
HTNV	1M	SISO	2402	1	2.93	4.15	7.08	≤ 20	Pass
			2440	1	2.93	4.28	7.21	≤ 20	Pass
			2480	1	2.93	3.65	6.58	≤ 20	Pass
	2M	SISO	2402	1	2.93	4.14	7.07	≤ 20	Pass
			2440	1	2.93	4.28	7.21	≤ 20	Pass
			2480	1	2.93	3.65	6.58	≤ 20	Pass
LTVN	1M	SISO	2402	1	2.93	4.15	7.08	≤ 20	Pass
			2440	1	2.93	4.28	7.21	≤ 20	Pass
			2480	1	2.93	3.64	6.57	≤ 20	Pass
	2M	SISO	2402	1	2.93	4.15	7.08	≤ 20	Pass
			2440	1	2.93	4.28	7.21	≤ 20	Pass
			2480	1	2.93	3.65	6.58	≤ 20	Pass

Note1: E.I.R.P = Measured Power + Antenna Gain

2. Power Spectral Density

2.1 Test Result

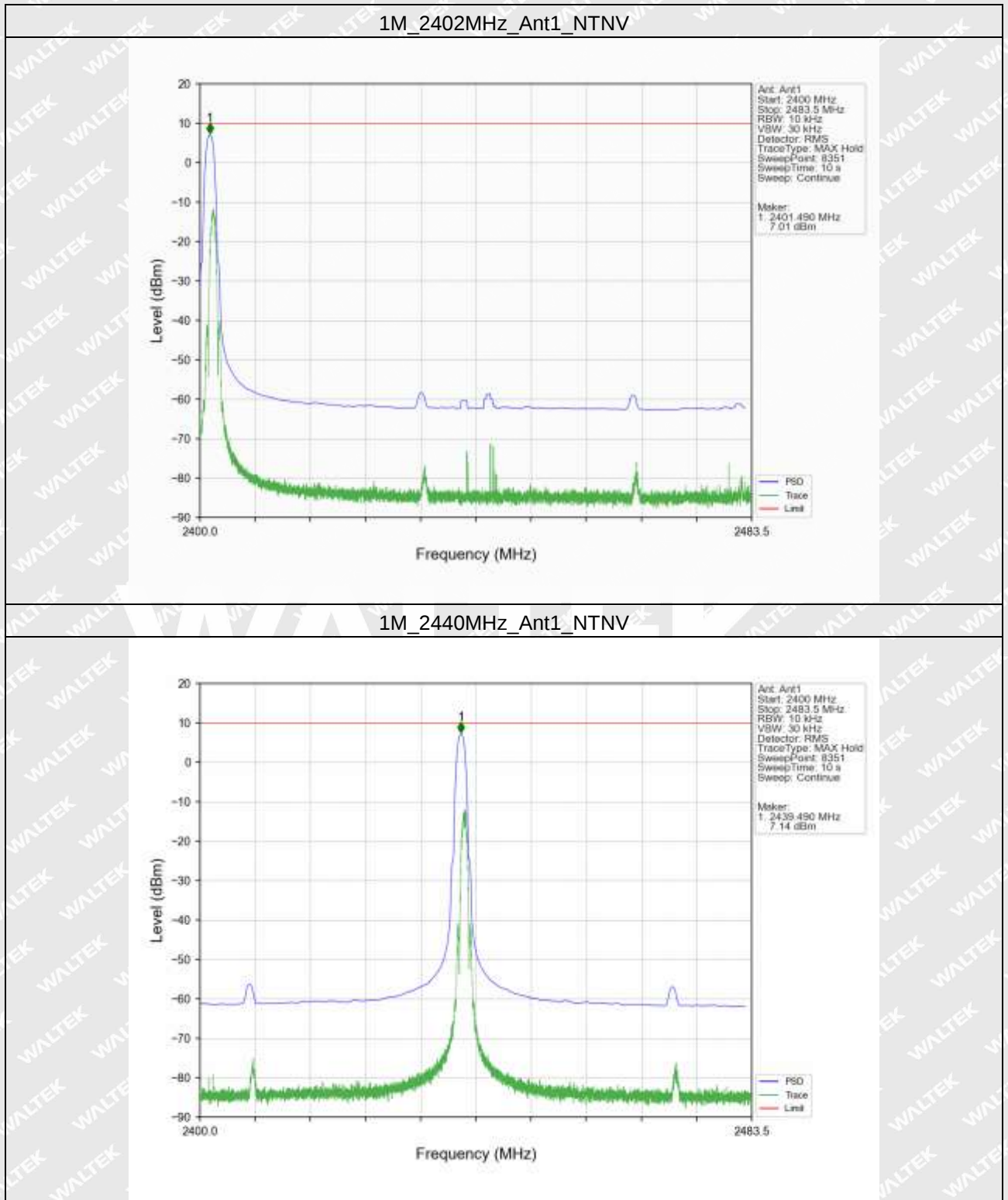
2.1.1 PSD

ENV	Mode	TX Type	Frequency (MHz)	ANT	E.I.R.PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
NTNV	1M	SISO	2402	1	7.01	≤ 10	Pass
			2440	1	7.14	≤ 10	Pass
			2480	1	6.50	≤ 10	Pass
	2M	SISO	2402	1	5.95	≤ 10	Pass
			2440	1	6.07	≤ 10	Pass
			2480	1	5.43	≤ 10	Pass



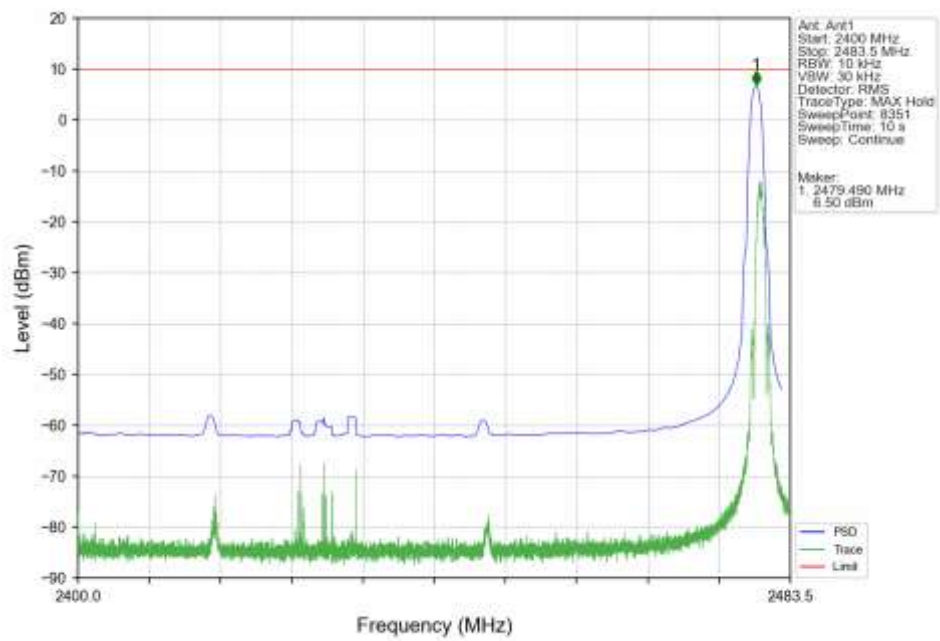
2.2 Test Graph

2.2.1 PSD

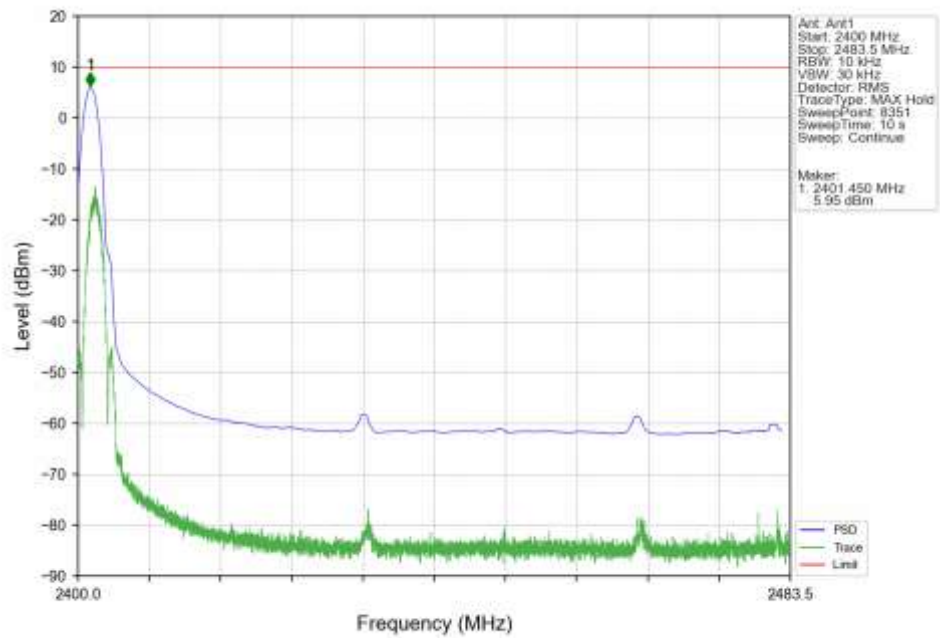




1M_2480MHz_Ant1_NTNV

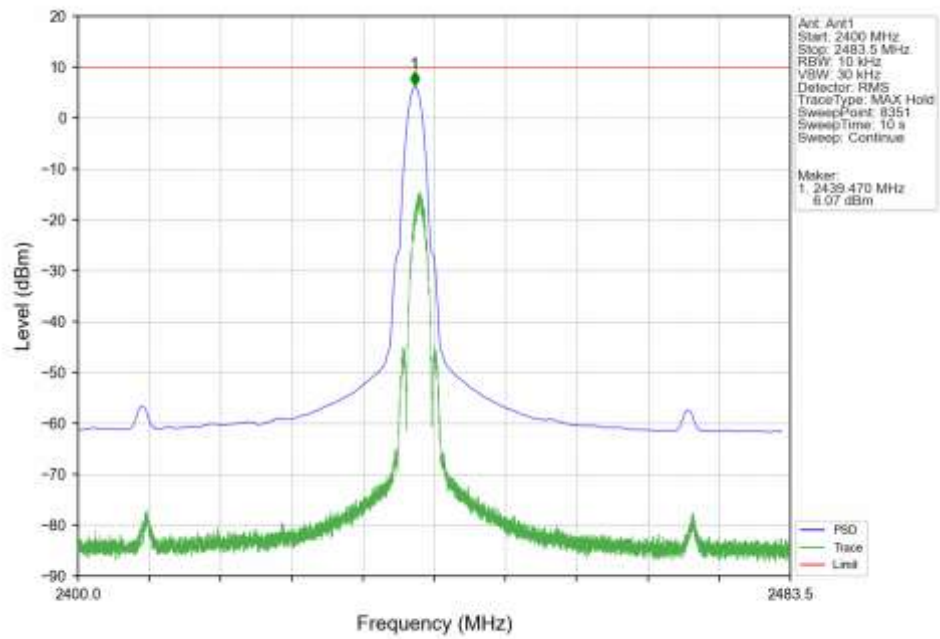


2M_2402MHz_Ant1_NTNV

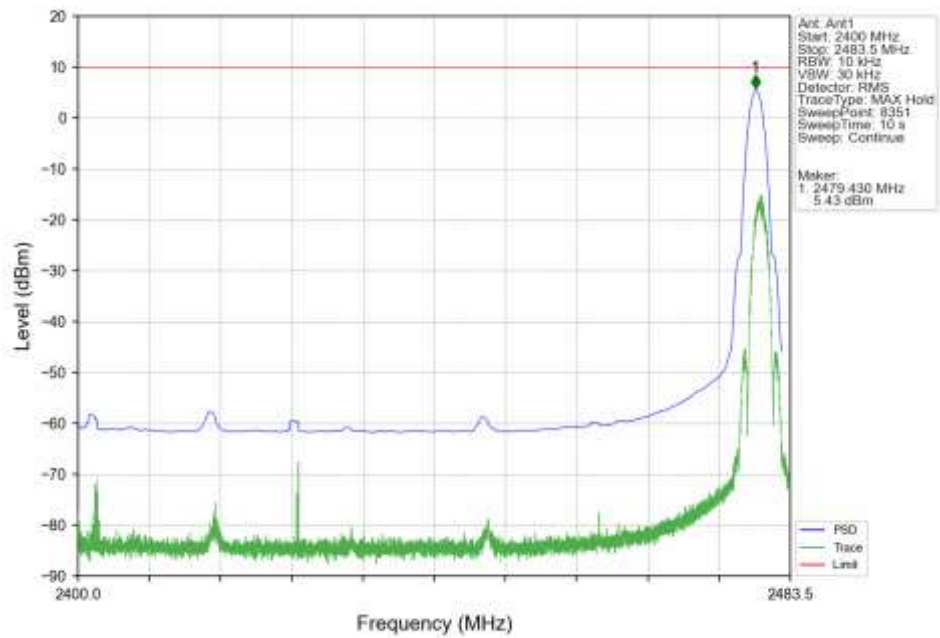




2M_2440MHz_Ant1_NTNV



2M_2480MHz_Ant1_NTNV





3. Occupied Channel Bandwidth

3.1 Test Result

3.1.1 OBW_Ant1

Ant1								
ENV	Mode	TX Type	Frequency (MHz)	OBW (MHz)	Frequency Range (MHz)			Verdict
				Result	FL	FH	Limit	
NTNV	1M	SISO	2402	1.061	2401.465	/	>=2400	Pass
			2480	1.061	/	2480.525	<=2483.5	Pass
	2M	SISO	2402	2.065	2400.964	/	>=2400	Pass
			2480	2.072	/	2481.029	<=2483.5	Pass

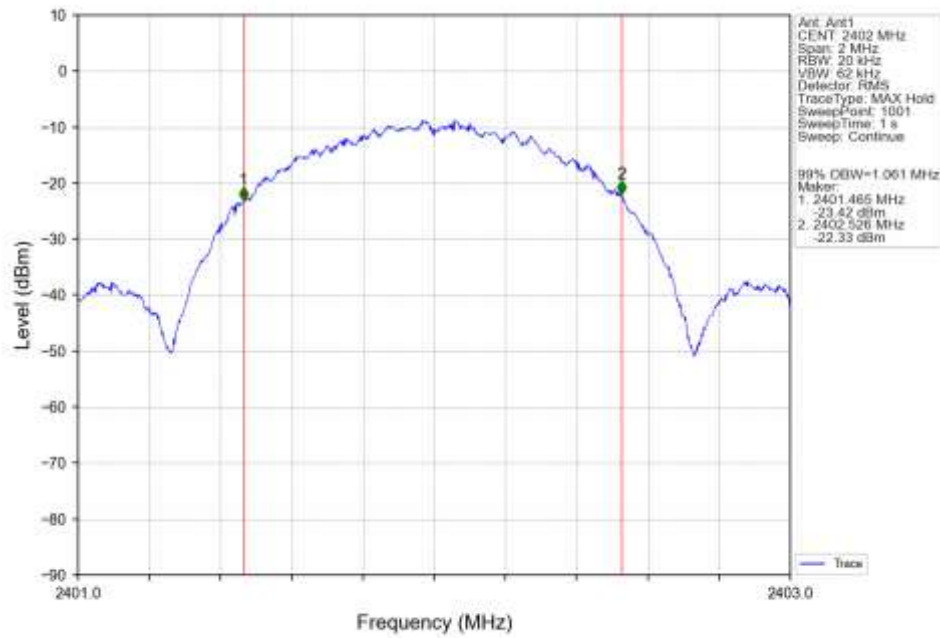
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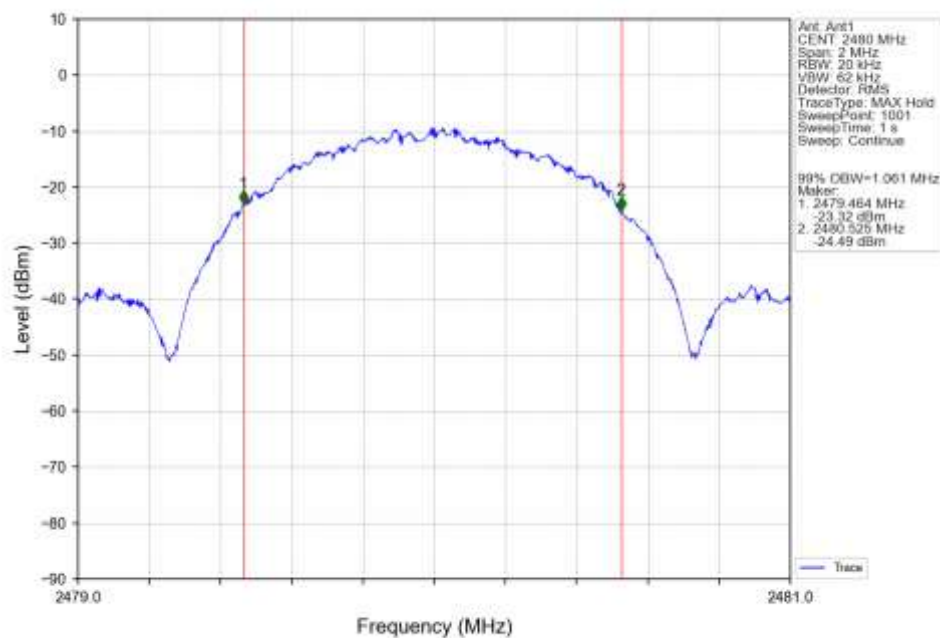
3.2 Test Graph

3.2.1 OBW_Ant1

1M_2402MHz_Ant1_NTNV

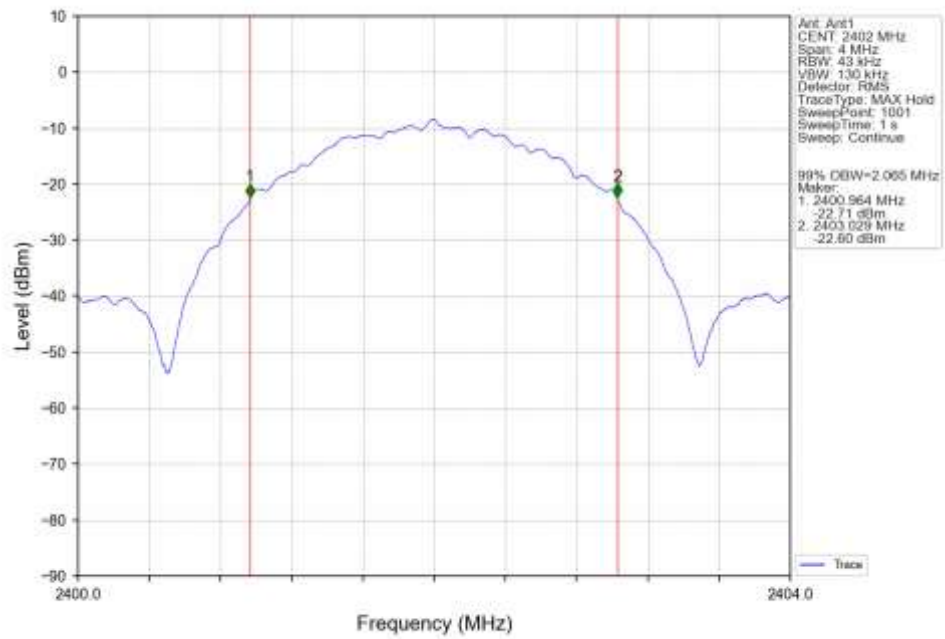


1M_2480MHz_Ant1_NTNV

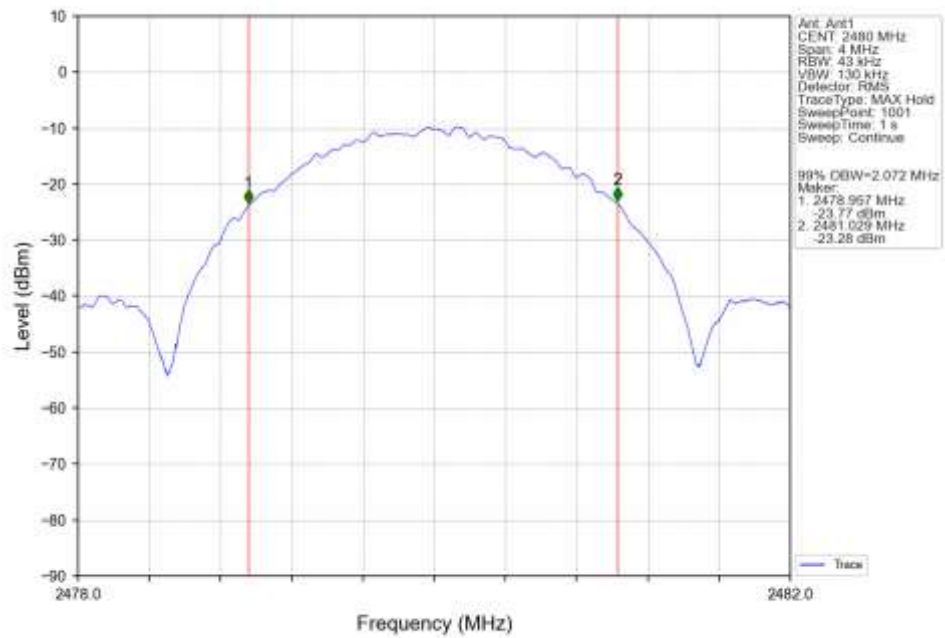




2M_2402MHz_Ant1_NTNV



2M_2480MHz_Ant1_NTNV





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

4.1 Test Result

4.1.1 1M-Ant1

1M Ant1 NTNV							
Mode	TX Type	Frequency (MHz)	ANT	Test Freq. (MHz)	Result (dBm/MHz)	Limit (dBm/MHz)	Verdict
1M	SISO	2402	1	2398.378	-53.15	<=-20	Pass
				2398.439	-52.89	<=-20	Pass
				2399.439	-48.40	<=-10	Pass
				2399.500	-47.69	<=-10	Pass
		2480	1	2484.000	-54.85	<=-10	Pass
				2484.061	-54.97	<=-10	Pass
				2485.061	-56.64	<=-20	Pass
				2485.122	-56.70	<=-20	Pass

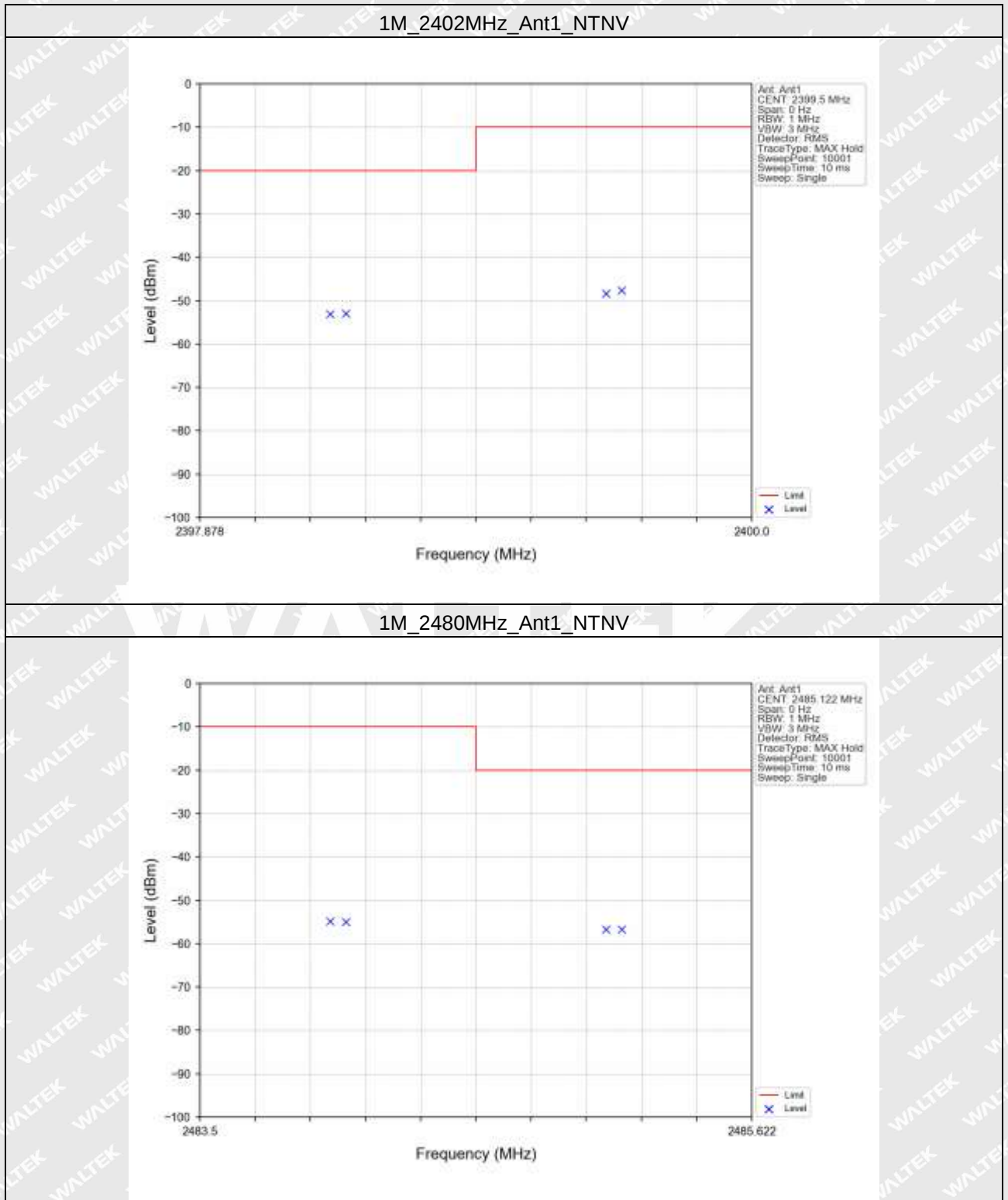
4.1.2 2M-Ant1

2M Ant1 NTNV							
Mode	TX Type	Frequency (MHz)	ANT	Test Freq. (MHz)	Result (dBm/MHz)	Limit (dBm/MHz)	Verdict
2M	SISO	2402	1	2396.370	-51.91	<=-20	Pass
				2396.435	-51.79	<=-20	Pass
				2397.435	-50.37	<=-20	Pass
				2398.435	-47.33	<=-10	Pass
				2398.500	-46.84	<=-10	Pass
				2399.500	-29.88	<=-10	Pass
		2480	1	2484.000	-49.30	<=-10	Pass
				2485.000	-51.17	<=-10	Pass
				2485.072	-51.25	<=-10	Pass
				2486.072	-52.60	<=-20	Pass
				2487.072	-53.71	<=-20	Pass
				2487.144	-53.88	<=-20	Pass



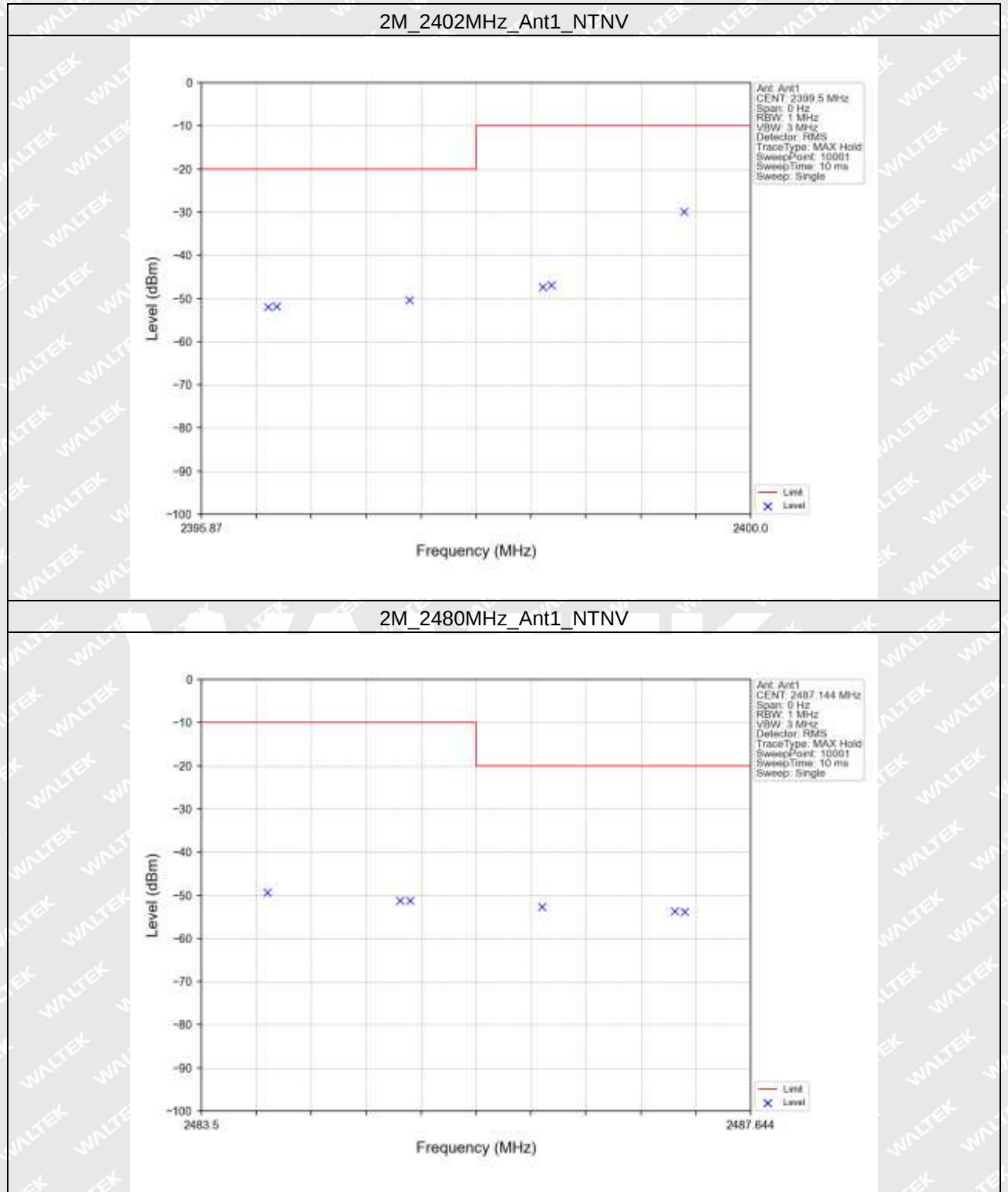
4.2 Test Graph

4.2.1 1M-Ant1





4.2.2 2M-Ant1





5. Transmitter Unwanted Emissions In The Spurious Domain

5.1 Test Result

5.1.1 TxSe

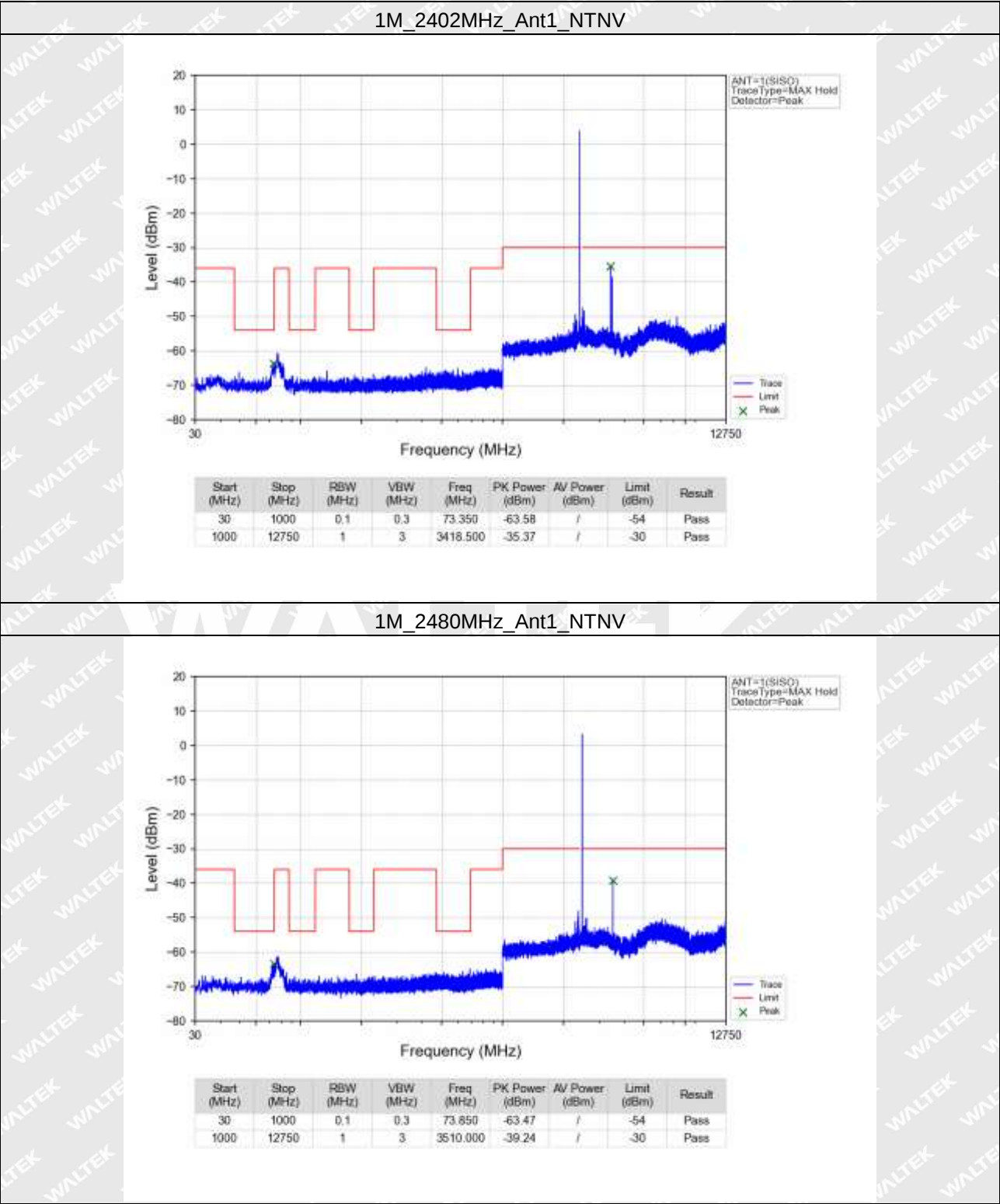
ENV	Mode	TX Type	Frequency (MHz)	ANT	Test Result	Limit	Verdict
NTNV	1M	SISO	2402	1	Refer To Test Graph		Pass
			2480	1	Refer To Test Graph		Pass
	2M	SISO	2402	1	Refer To Test Graph		Pass
			2480	1	Refer To Test Graph		Pass

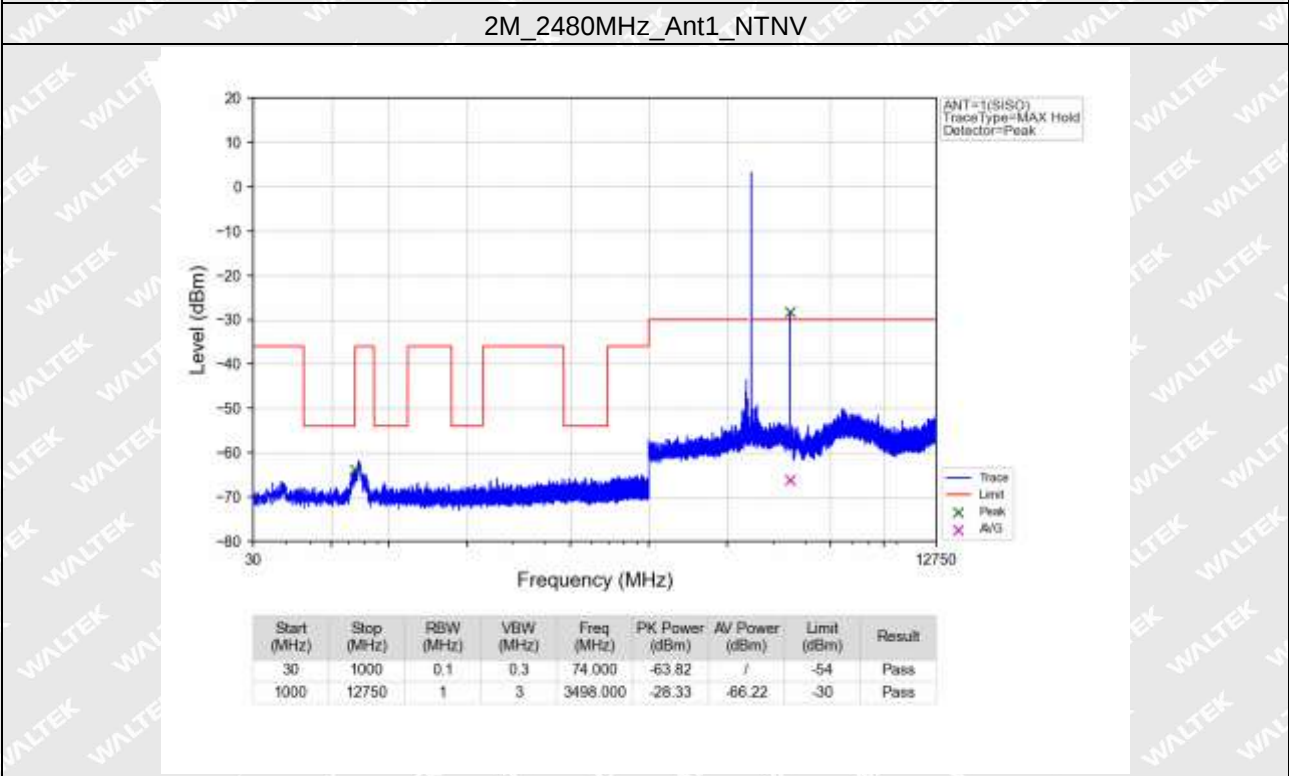
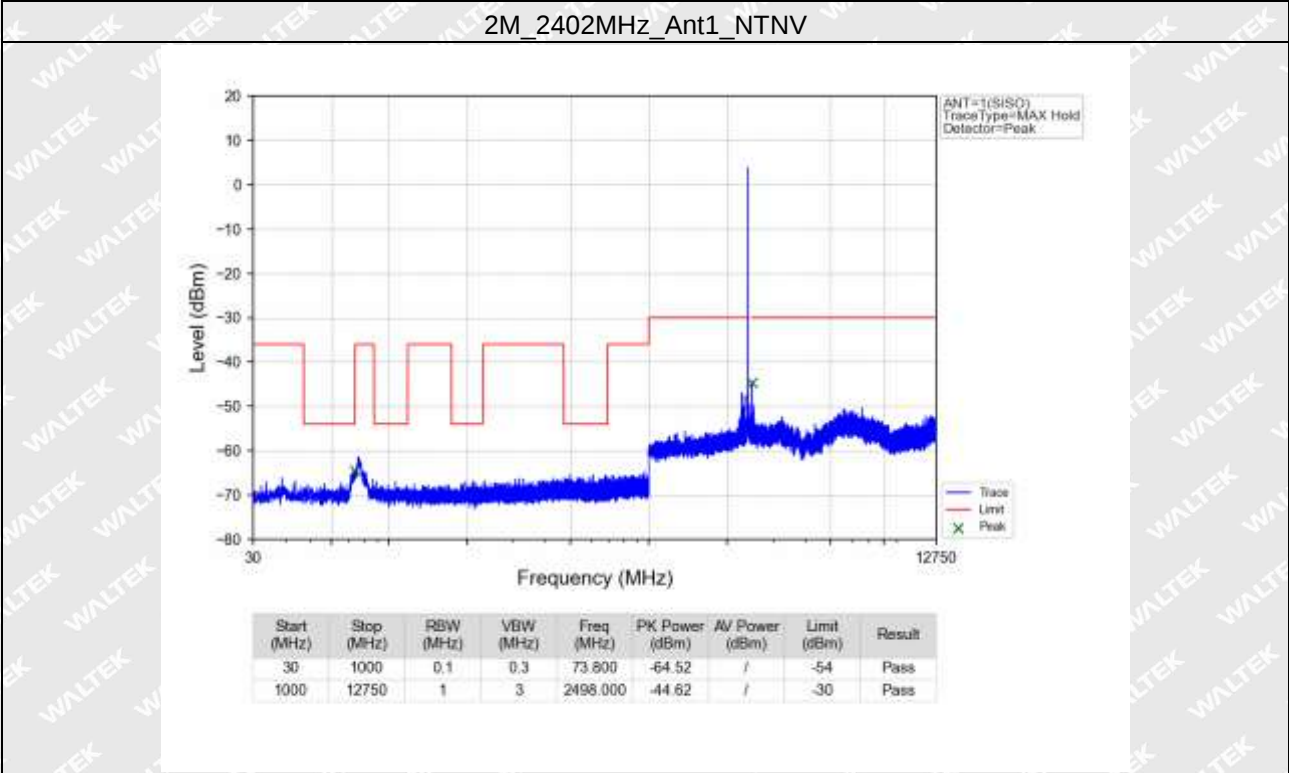
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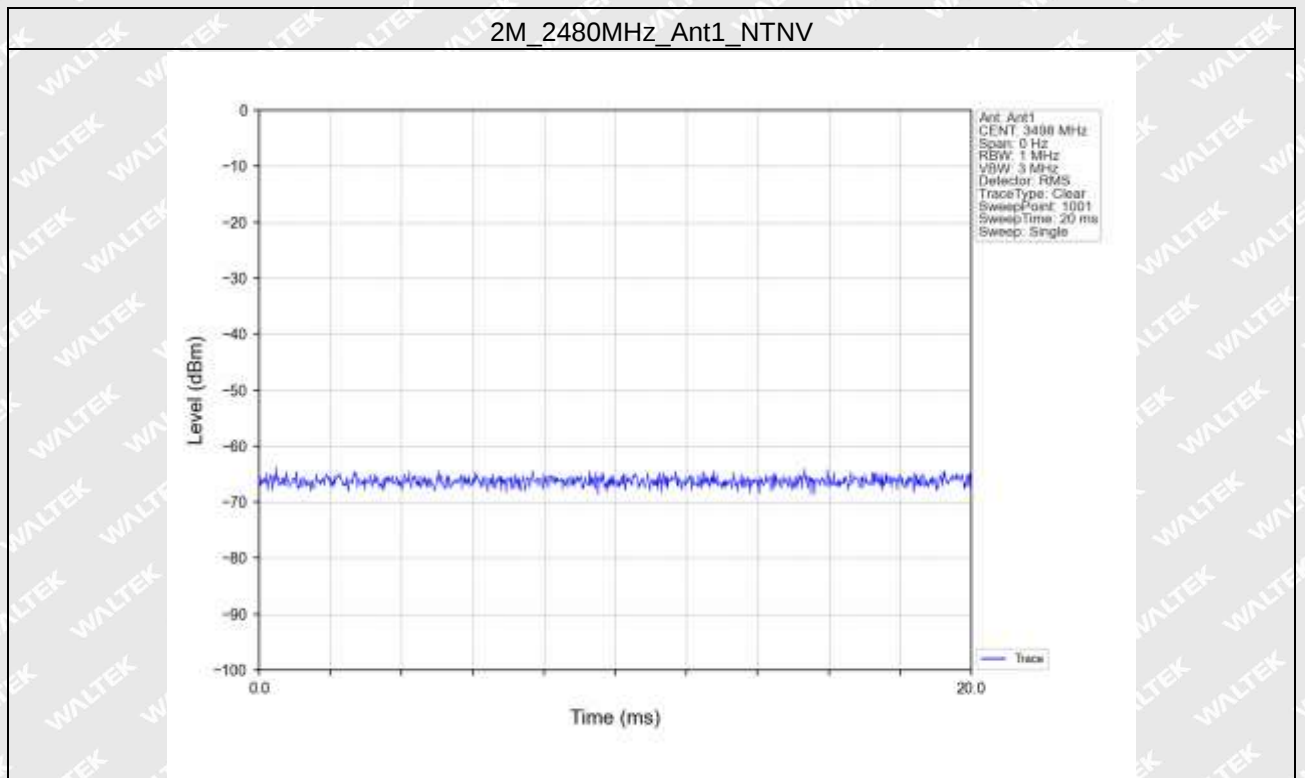


5.2 Test Graph

5.2.1 TxSe







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6. Receiver Spurious Emissions

6.1 Test Result

6.1.1 RxSe

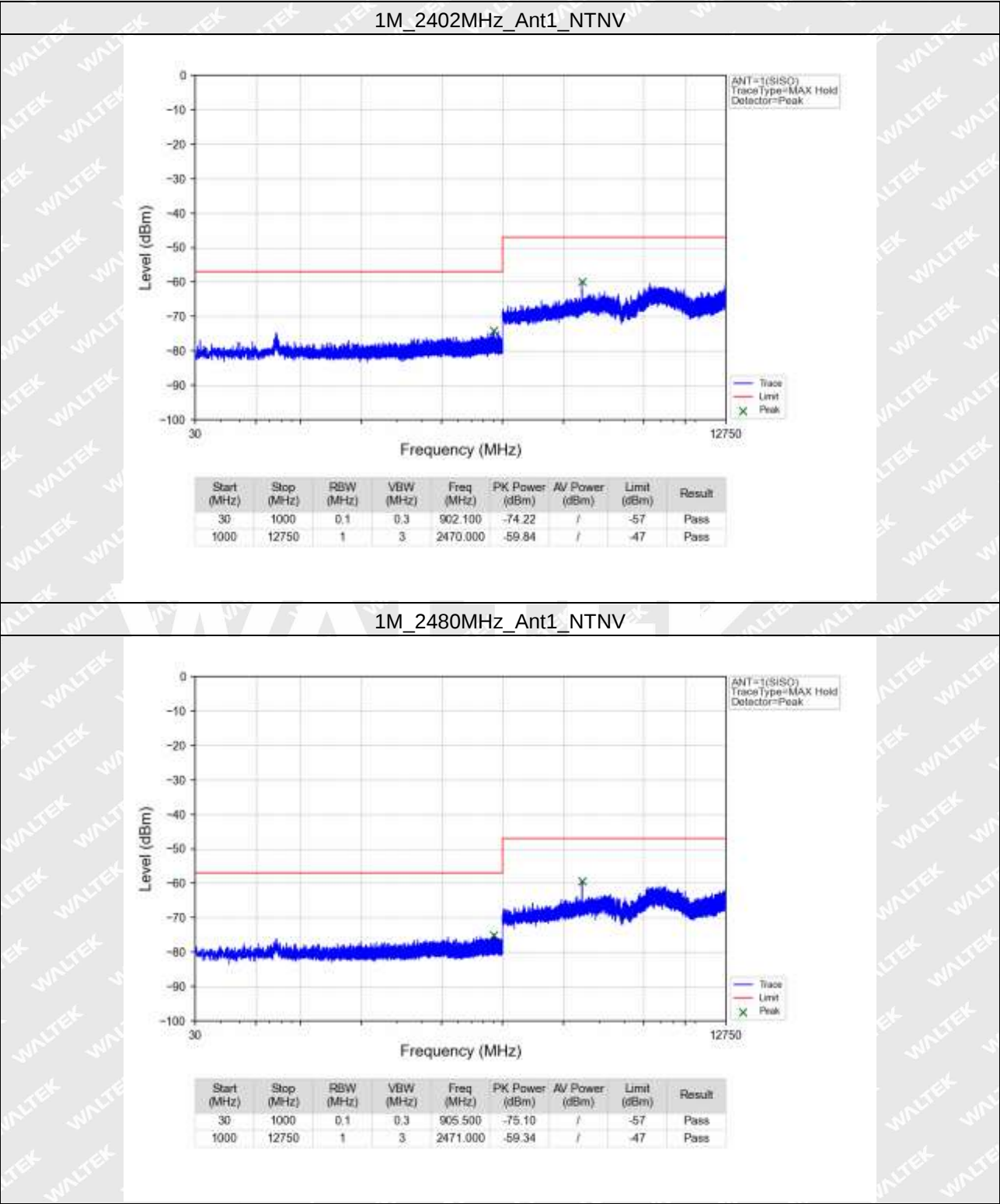
ENV	Mode	TX Type	Frequency (MHz)	ANT	Test Result	Limit	Verdict
NTNV	1M	SISO	2402	1	Refer To Test Graph		Pass
			2480	1	Refer To Test Graph		Pass
	2M	SISO	2402	1	Refer To Test Graph		Pass
			2480	1	Refer To Test Graph		Pass

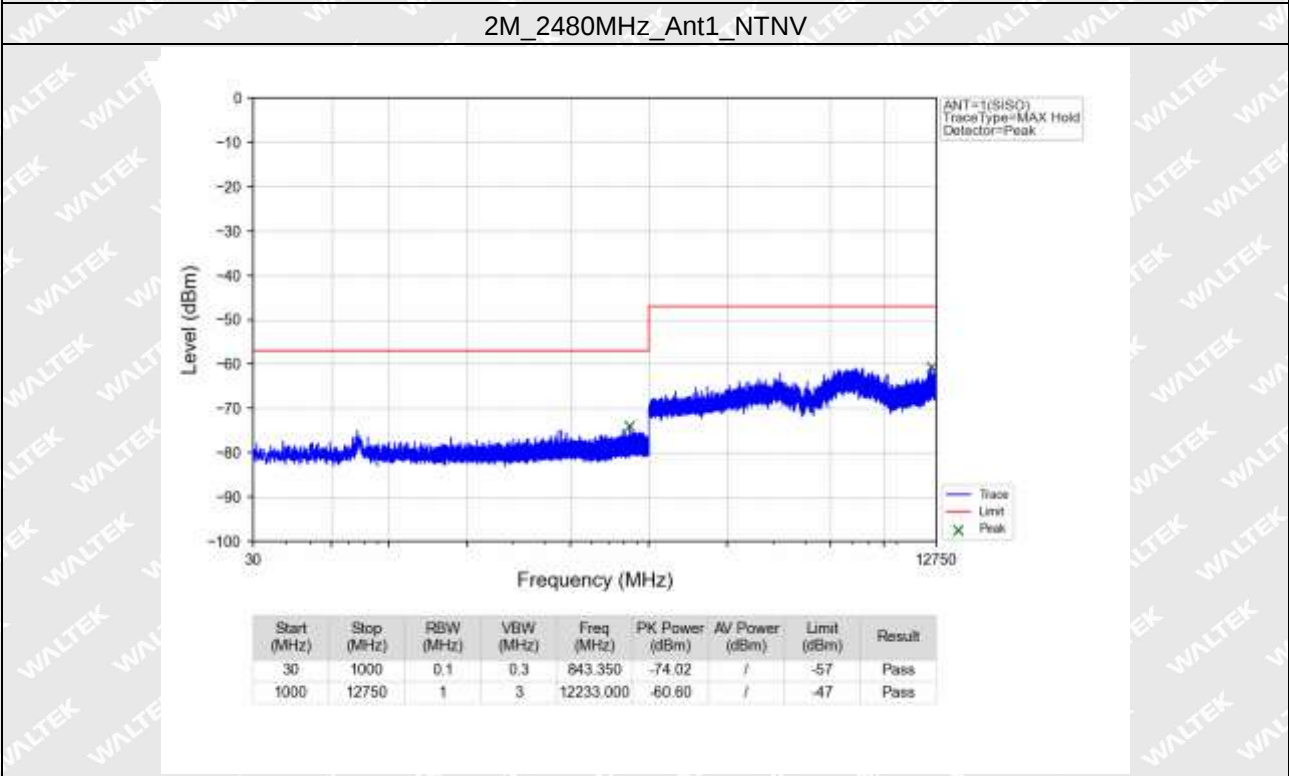
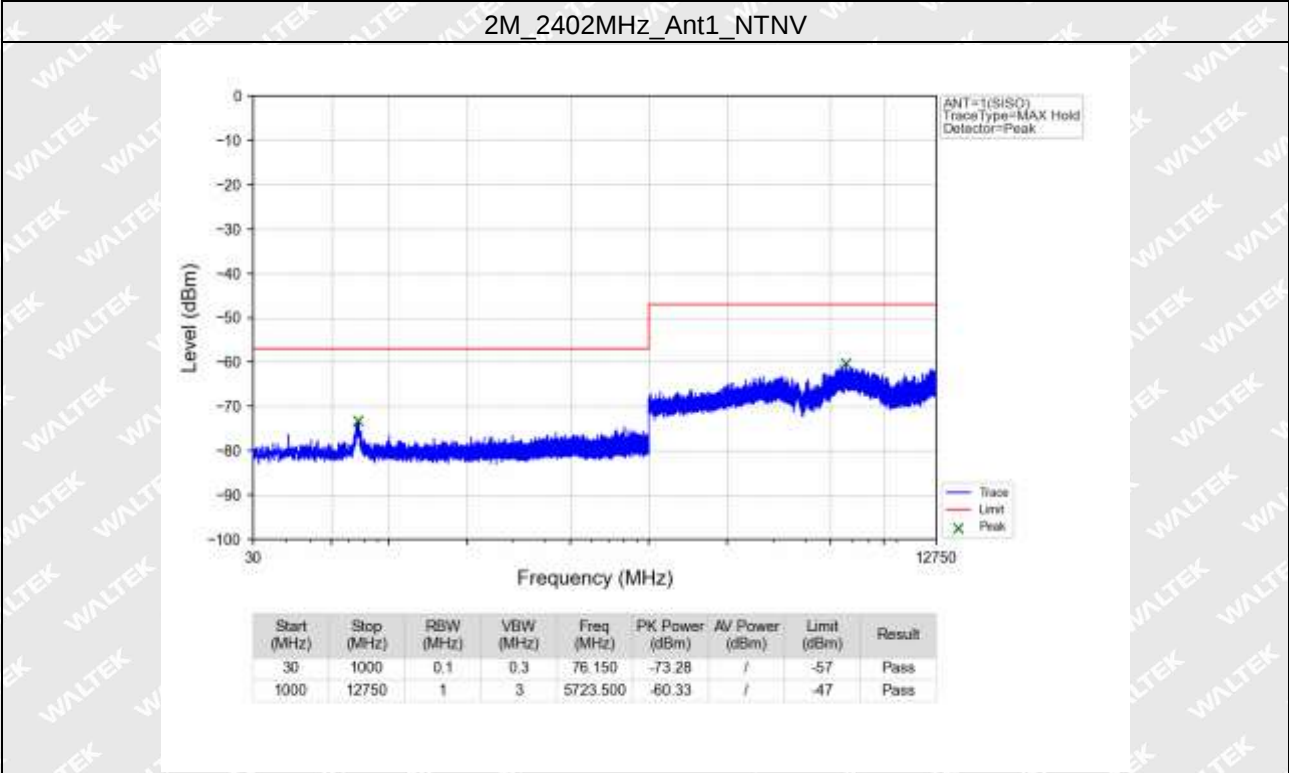
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6.2 Test Graph

6.2.1 RxSe







7. Receiver Blocking

7.1 Test Result

7.1.1 Ant1

Ant1									
ENV	Mode	TX Type	Frequency (MHz)	Wanted signal level (dBm)	Blocking Signal		PER (%)	Limit (%)	Verdict
					Frequency (MHz)	Power (dBm)			
NTNV	1M	SISO	2402	-65.81	2300 ¹	-31.07 ¹	1.8	<=10	Pass
					2380 ¹	-31.07 ¹	1.9	<=10	Pass
			2480	-65.81	2504 ¹	-31.07 ¹	1.4	<=10	Pass
					2584 ¹	-31.07 ¹	1.7	<=10	Pass
Note1: Receiver Category 2.									

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

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