TEST REPORT

Applicant:	Quectel Wireless Solutions Co., Ltd.
EUT Description:	Smart Module with Wi-Fi 5G & Bluetooth
Model:	SG555D-WF
Brand:	QUECTEL
FCC ID:	XMR2025SG555DWF
Standards:	FCC 47 CFR Part 15 Subpart C
Date of Receipt:	2025/03/06
Date of Test:	2025/03/06 to 2025/05/14
Date of Issue:	2025/05/14

TOWE. tested the above equipment in accordance with the requirements set forth in the above standards. The test results show that the equipment tested is capable of demonstrating compliance with the requirements as documented in this report.

the results documented in this report apply only to the tested sample, under the conditions and modes of operation as described herein. It is the manufacturer's responsibility to assure that additional production units of the model are manufactured with identical electrical and mechanical components. All sample tested were in good operating condition throughout the entire test program. Measurement Uncertainties are published for informational purposes only and were not taken into account unless noted otherwise. without written approval of TOWE, the test report shall not be reproduced except in full.

ACCREDITED
CERTIFICATE #7088.01

Huang Kun
Approved By:

Chen Chengfu
Reviewed By:

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Revision History

Rev.	Issue Date	Description	Revised by
01	2025/05/14	Original	Chen Chengfu

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Summary of Test Results

Clause	FCC Part	Test Items	Result
4.1	§15.203/15.247(b)	Antenna Requirement	PASS
4.2	§15.207	AC Power Line Conducted Emission	N/A
4.3	§15.247 (b)(3)	Output Power	PASS
4.4	§15.247 (a)(2)	Occupied Bandwidth	Reporting purposes only
4.5	§15.247 (e)	Power Spectral Density	PASS
4.6	§15.247(d)	Band Edge for Conducted Emissions	PASS
4.7	§15.247(d)	Spurious RF Conducted Emissions	PASS
4.8	§15.205/15.209	Radiated Spurious emissions and Band Edge	PASS

Test Method: ANSI C63.10:2020, KDB 558074 D01 15.247 Mesa Guidance v05r02.

Remark:

1. Pass is EUT meets standard requirements.
2. The EUT is DC power supply, “N/A” denotes “not applicable”.

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1 General Description

1.1 Lab Information

1.1.1 Testing Location

These measurements tests were conducted at the Sushi TOWE Wireless Testing(Shenzhen) Co., Ltd. facility located at F401 and F101, Building E, Hongwei Industrial Zone, Liuxian 3rd Road, Bao'an District, Shenzhen, China. The measurement facility is compliant with the test site requirements specified in ANSI C63.4-2014
Tel.: +86-755-27212361
Contact Email: info@towewireless.com

1.1.2 Test Facility / Accreditations

A2LA (Certificate Number: 7088.01)
This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017 General requirements for the competence of testing and calibration laboratories. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communiqué dated April 2017).

FCC Designation No.: CN1353
Sushi TOWE Wireless Testing(Shenzhen) Co., Ltd. has been recognized as an accredited testing laboratory. Designation Number: CN1353.

ISED CAB identifier: CN0152
Sushi TOWE Wireless Testing(Shenzhen) Co., Ltd. has been recognized by ISED as an accredited testing laboratory.
CAB identifier: CN0152
Company Number: 31000

1.2 Client Information

1.2.1 Applicant

Applicant:	Quectel Wireless Solutions Co., Ltd.
Address:	Building 5, Shanghai Business Park Phase III (Area B), No.1016 Tianlin Road, Minhang District, Shanghai, China 200233

1.2.2 Manufacturer

Manufacturer:	Quectel Wireless Solutions Co., Ltd.
Address:	Building 5, Shanghai Business Park Phase III (Area B), No.1016 Tianlin Road, Minhang District, Shanghai, China 200233

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1.3 Product Information

EUT Description:	Smart Module with Wi-Fi 5G & Bluetooth		
Model:	SG555D-WF		
Brand:	QUECTEL		
Hardware Version:	V1.0		
Software Version:	SG5X5DWFPARL1A04		
SN:	RF Conducted	E1Y24K13V000039	
	RSE	E1Y24K13V000067	
Modulation Type:	802.11b:	DSSS-DBPSK, DQPSK, CCK	
	802.11g/n:	OFDM-BPSK, QPSK, 16QAM, 64QAM	
Smart System:	☒SISO	802.11b/g/n	/
	☐MIMO	802.11n	( )TX( )RX
	☐CDD	802.11b/g	( )TX( )RX
Frequency Range:	2400 ~ 2483.5MHz		
Channel Frequency:	20M bandwidth Channel: 2412 ~ 2462MHz 40M bandwidth Channel: 2422 ~ 2452MHz		
Channel Number:	11:	802.11b/g/n20	
	7:	802.11n40	
Antenna Type:	☒ External, ☐ Integrated		
Antenna Gain:	Ant0 (dBi)		
	0.47		
Remark: The above EUT's information was declared by applicant, please refer to the specifications or user's manual for more detailed description.			

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2 Test Configuration

2.1 Test Channel

Frequency Channels							
Channel	**Frequency**	**Channel**	**Frequency**	**Channel**	**Frequency**	**Channel**	**Frequency**
1	2412MHz	4	2427MHz	7	2442MHz	10	2457MHz
2	2417MHz	5	2432MHz	8	2447MHz	11	2462MHz
3	2422MHz	6	2437MHz	9	2452MHz	/	

Remark:
In section 15.31(m), regards to the operating frequency range over 10 MHz, the Lowest frequency, the middle frequency, and the highest frequency of channel were selected to perform the test, and the selected channel see below:

Modulation Type	**Test Channel**	**Test Frequency**
802.11b/g/n20	The Lowest channel (CH1)	2412MHz
	The Middle channel (CH6)	2437MHz
	The Highest channel (CH11)	2462MHz
Modulation Type	**Test Channel**	**Test Frequency**
802.11n40	The Lowest channel (CH3)	2422MHz
	The Middle channel (CH6)	2437MHz
	The Highest channel (CH9)	2452MHz

2.2 Worst-case configuration and Mode

Modulation Type	**SISO - Data Rate**	**MIMO - Data Rate**
802.11b	1 Mbps	NA
802.11g	6 Mbps	NA
802.11n20	MCS0 (6.5 Mbps)	NA
802.11n40	MCS0 (13.5 Mbps)	NA
Transmitting mode:	Keep the EUT was programmed to be in continuously transmitting mode.	
Normal Link:	Keep the EUT operation to normal function.	

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2.3 Support Unit used in test

Description	Manufacturer	Model	Serial Number
Development Board*	Quectel	SMART-5G-EVB	E1Q22HV3A000015
Development Board*	Quectel	SG555D-WF-TE-A	E1Y24KM4M000002
Remark: *the information are provided by applicant.			

2.4 Test Environment

Temperature:	Normal: 15℃ ~ 35℃
Humidity:	45-56 % RH Ambient
Voltage:	DC 4.00V (Module Input)
Remark: The testing environment is within the scope of the EUT user manual and meets the requirements of the standard testing environment.	

2.5 Test RF Cable

For all conducted test items: The offset level is set spectrum analyzer to compensate the RF cable loss and attenuator factor between RF conducted output port and spectrum analyzer. With the offset compensation, the spectrum analyzer reading level will be exactly the RF output level.
The spectrum analyzer offset is derived from RF cable loss and attenuator factor.
Offset = RF cable loss + attenuator factor.

2.6 Modifications

No modifications were made during testing.

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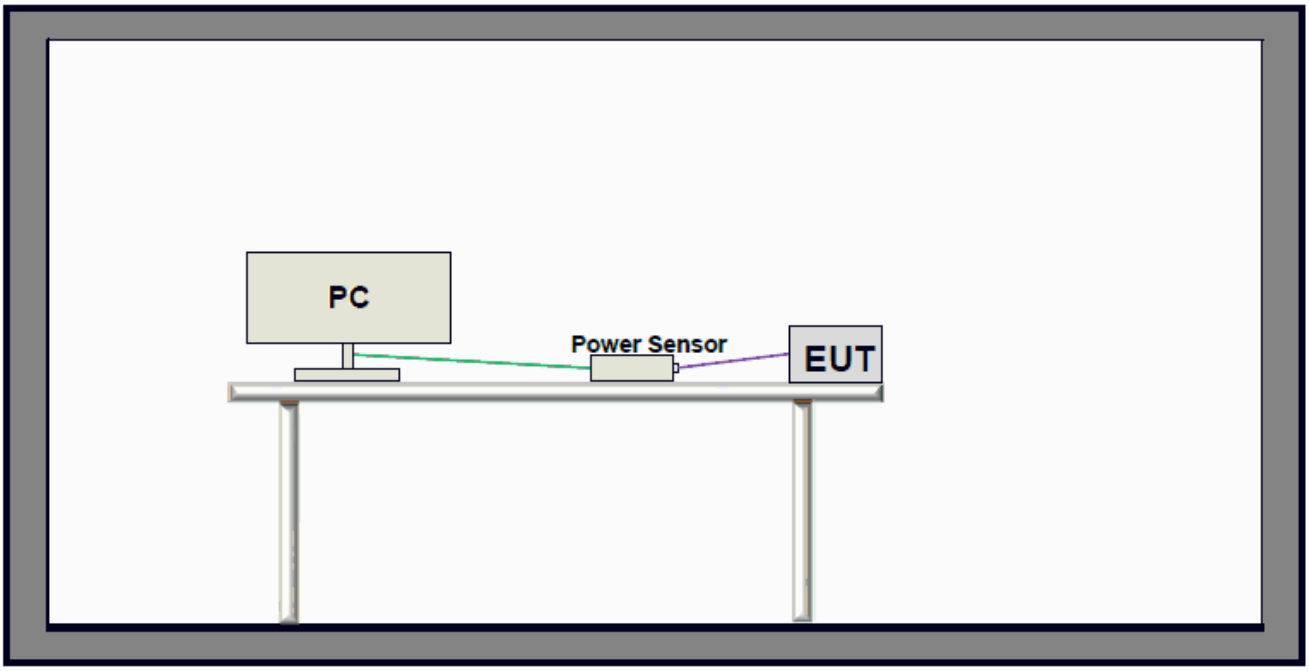
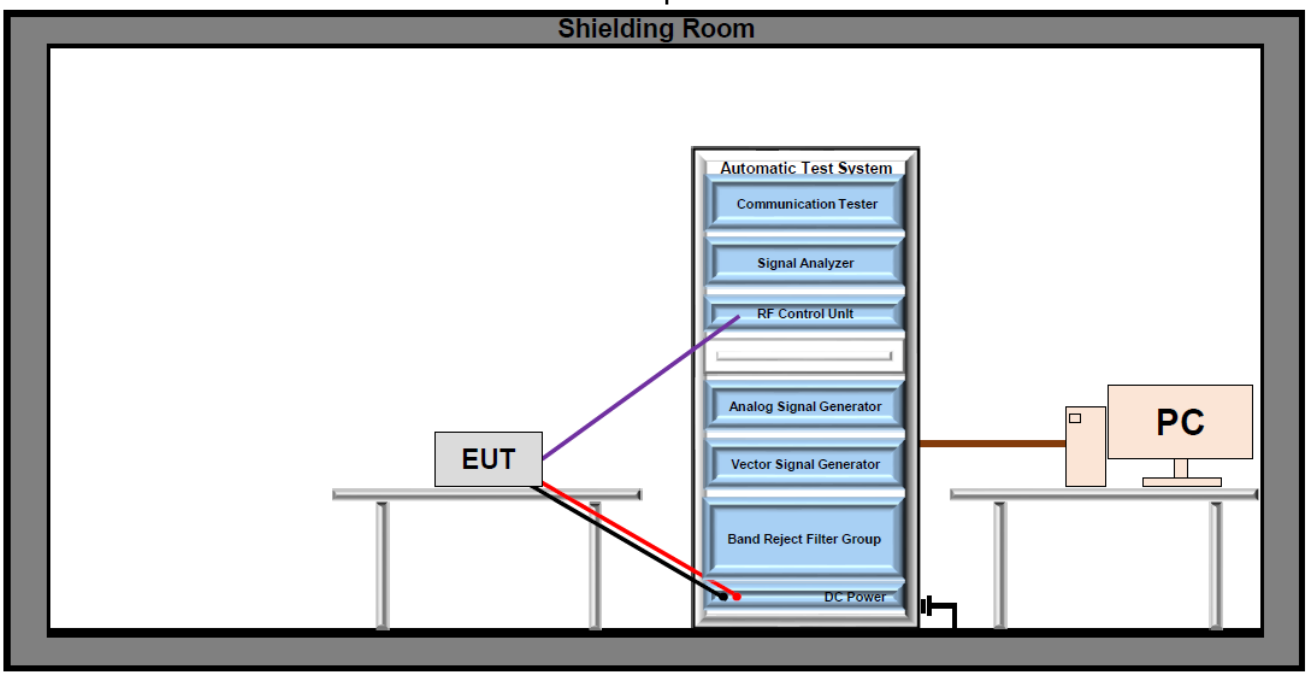
2.7 Test Setup Diagram

2.7.1 Conducted Configuration

Setup 1



Setup 2



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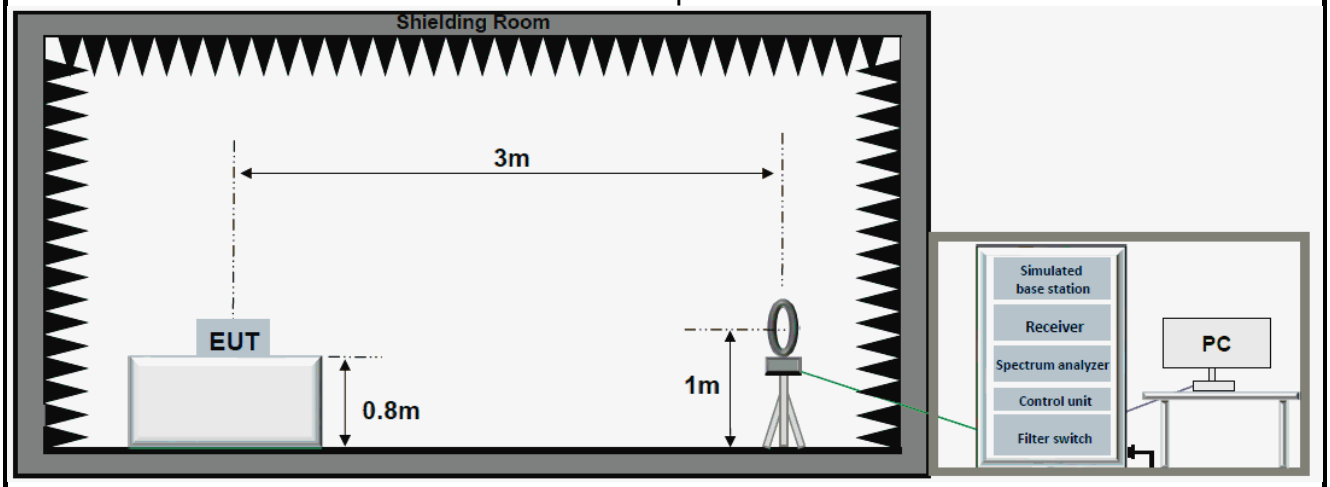
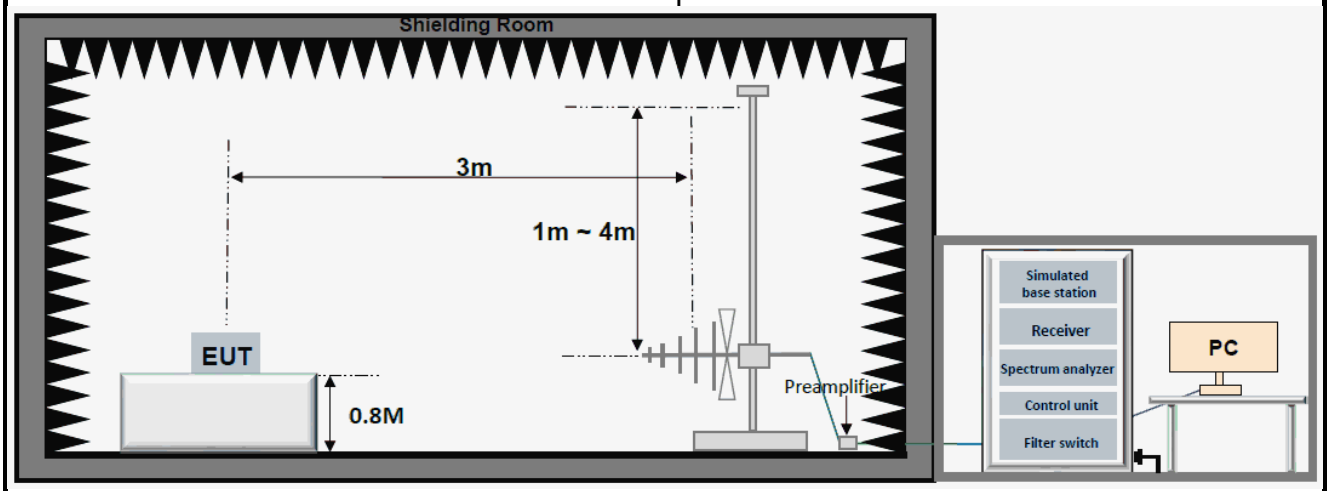
2.7.2 Radiated Configuration

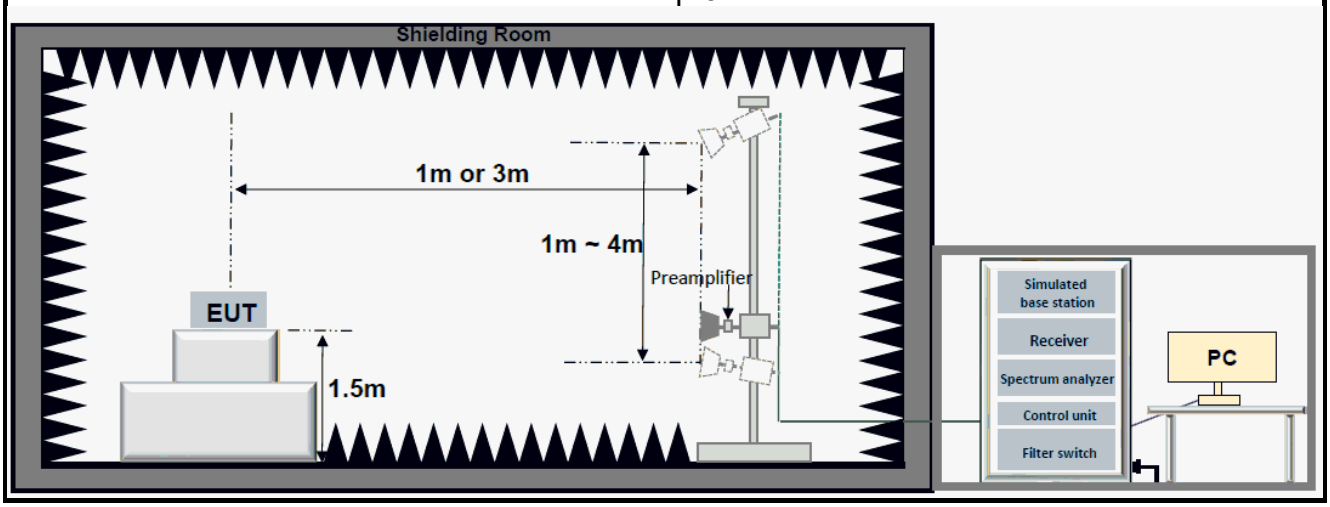
Setup 1



Setup 2



Setup 3



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3 Equipment and Measurement Uncertainty

All test and measuring equipment utilized to perform the tests documented in this report are calibrated on a regular basis, whichever is less, and where applicable is traceable to recognized national standards.

3.1 Test Equipment List

RF Conducted					
Description	**Manufacturer**	**Model**	**S.N.**	**Last Due**	**Cal Due**
Signal Analyzer	Keysight	N9020A	US46470429	2024/03/25	2025/03/24
				2025/03/14	2026/03/13
Signal Generator	R&S	SMR20	101027	2024/03/25	2025/03/24
				2025/03/11	2026/03/10
Vector Signal Generator	R&S	SMM100A	549353	2024/05/30	2025/05/29
Power Sensor	Anritsu	MA24408A	12520	2024/05/30	2025/05/29
RF Control Unit	Tonscend	JS0806-2	23C80620671	2024/05/30	2025/05/29
EXA Signal Analyzer, Multi-touch	Keysight	N9010B	MY63440541	2024/05/30	2025/05/29
Measurement Software	Tonscend	TS1120-3	10659	N/A	N/A

Radiated Emission					
Description	**Manufacturer**	**Model**	**S.N.**	**Last Due**	**Cal Due**
Biconic Logarithmic Periodic Antennas	Schwarzbeck	VULB9163	1643	2023/06/25	2025/06/24
Double-Ridged Horn Antennas	Schwarzbeck	BBHA 9120D	2809	2023/06/25	2025/06/24
Broad-Band Horn Antenna	Schwarzbeck	BBHA 9170	1290	2023/06/25	2025/06/24
Loop Antenna	Schwarzbeck	FMZB 1519C	1519C-028	2023/06/29	2025/06/28
Signal Analyzer	Keysight	N9020A	MY49100252	2024/03/25	2025/03/24
				2025/03/11	2026/03/10
EXA Signal Analyzer, Multi-touch	Keysight	N9010B	MY63440541	2024/05/30	2025/05/29
Wideband Radio Communication Tester	R&S	CMW500	150645	2024/03/25	2025/03/24
				2025/03/11	2026/03/10
Low Noise Amplifier	Tonscend	TAP9K3G40	AP23A8060273	2023/04/08	2025/04/07
				2025/03/11	2027/03/10
Low Noise Amplifier	Tonscend	TAP01018050	AP22G806258	2023/04/08	2025/04/07
				2025/03/11	2027/03/10
Low Noise Amplifier	Tonscend	TAP18040048	AP22G806247	2023/04/08	2025/04/07
				2025/03/11	2027/03/10
Hygrometer	BINGYU	HTC-1	N/A	2023/06/01	2025/05/31
Band Reject Filter Group	Townshend	JS0806-F	23A806F0652	N/A	N/A
Test Software	Tonscend	TS+	Version: 5.0.0	N/A	N/A

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3.2 Measurement Uncertainty

Parameter	U_{lab}
Frequency Error	679.98Hz
Output Power	0.76dB
Conducted Spurious Emissions	2.22dB
Radiated Emissions(9kHz~30MHz)	2.40dB
Radiated Emissions(30MHz~1000MHz)	4.66dB
Radiated Emissions(1GHz~18GHz)	5.42dB
Radiated Emissions(18GHz~40GHz)	5.46dB

Uncertainty figures are valid to a confidence level of 95%

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4 Test Results

4.1 Antenna Requirement

Standard Applicable:	47 CFR Part 15C Section 15.203 /247(b)
15.203 requirement: An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator, the manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited. 15.247(b) (4) requirement: The conducted output power limit specified in paragraph (b) of this section is based on the use of antennas with directional gains that do not exceed 6 dBi. Except as shown in paragraph (c) of this section, if transmitting antennas of directional gain greater than 6 dBi are used, the conducted output power from the intentional radiator shall be reduced below the stated values in paragraphs (b)(1), (b)(2), and (b)(3) of this section, as appropriate, by the amount in dB that the directional gain of the antenna exceeds 6 dBi.	
The antenna gain and type as provided by the manufacturer are as follows: The antenna Type is External. With maximum gain is 0.47dBi. Antenna Anti-Replacement Construction: An embedded-in antenna design is used.	

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4.2 Output Power

Limits

If with directional antenna gains less than 6 dBi, the limit is 30dBm.

Test Procedure

ANSI C63.10:2020 Section 11.9.1.2(PKPM1) or 11.9.2.3.2(AVGPM-G)

Test Settings

1. Set to the maximum power setting and enable the EUT transmit continuously.
2. The power output was measured on the EUT antenna port using RF Cable with attenuator connected to a power meter via wideband power sensor. Peak output power was read directly from power meter.
3. Measure and record the results in the test report.

Test Setup

Refer to section 2.7.1 Setup 1 for details.

Measuring Instruments

The measuring equipment is listed in the section 3.1 of this test report.

Test Result

The detailed test data see: **Appendix.**

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4.3 Occupied Bandwidth

Limits

DTSBW: The minimum 6 dB bandwidth shall be at least 500 kHz.
99%BW: None, for reporting purposes only.

Test Procedure

ANSI C63.10:2020 Section 11.8.2 and 6.9.3

Test Settings

1. Set to the maximum power setting and enable the EUT transmit continuously.
2. The transmitter output is connected to a spectrum analyzer:
3. RBW = 100kHz(DTS)
4. RBW = 1% - 5%(99%BW)
5. VBW ≥ 3 times the RBW
6. Sweep = Auto
7. Detector = Peak
8. Trace = Max hold
9. The trace was allowed to stabilize
10. Measure and record the results in the test report.

Test Notes

DTS: The signal analyzers' automatic bandwidth measurement capability of the spectrum analyzer was used to perform the 6dB bandwidth measurement. The "X" dB bandwidth parameter was set to X= 6. The bandwidth measurement was not influenced by any intermediate power nulls in the fundamental emission.

Test Setup

Refer to section 2.7.1 Setup 2 for details.

Measuring Instruments

The measuring equipment is listed in the section 3.1 of this test report.

Test Result

The detailed test data see: **Appendix.**

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4.4 Power Spectral Density

Limits

For digitally modulated systems, the power spectral density conducted from the intentional radiator to the antenna shall not be greater than 8 dBm in any 3 kHz band during any time interval of continuous transmission.

Test Procedure

ANSI C63.10:2020 Section 11.10.2(PKPSD)

Test Settings

1. Set to the maximum power setting and enable the EUT transmit continuously
2. The transmitter output is connected to a spectrum analyzer
3. 3kHz ≤ RBW ≤ 100 kHz
   (If measured value exceeds requirement, then reduce RBW (but no less than 3 kHz) and repeat.)
4. VBW ≥ 3 times the RBW
5. Span = 1.5 times the DTS bandwidth
6. Sweep = Auto
7. Detector = Peak
8. Trace = Max hold
9. The trace was allowed to stabilize
10. Measure and record the results in the test report.

Test Setup

Refer to section 2.7.1 Setup 2 for details.

Measuring Instruments

The measuring equipment is listed in the section 3.1 of this test report.

Test Result

The detailed test data see: **Appendix.**

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4.5 Band Edge for Conducted Emissions

Limits

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated. intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits.

If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph 15.247(b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB.

Test Procedure

ANSI C63.10:2020 Section 11.11.3

Test Settings

1. Set to the maximum power setting and enable the EUT transmit continuously
2. The transmitter output is connected to a spectrum analyzer
3. RBW = 100kHz
4. VBW = 300kHz
5. Point ≥ 2 x span/RBW
6. Sweep = Auto
7. Detector = Peak
8. Trace = Max hold
9. The trace was allowed to stabilize
10. Measure and record the results in the test report

Test Setup

Refer to section 2.7.1 Setup 2 for details.

Measuring Instruments

The measuring equipment is listed in the section 3.1 of this test report.

Test Result

The detailed test data see: **Appendix.**

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4.6 Spurious RF Conducted Emissions

Limits

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated. intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits.

If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph 15.247(b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB.

Test Procedure

ANSI C63.10:2020 Section 11.11.3

Test Settings

1. Set to the maximum power setting and enable the EUT transmit continuously.
2. Activate frequency hopping function if necessary.
3. The transmitter output is connected to a spectrum analyzer
4. The spectrum from 30MHz - 26.5GHz
5. RBW = 100kHz
6. VBW = 300kHz
7. Sweep = Auto
8. Detector = Peak
9. Trace = Max hold
10. The trace was allowed to stabilize
11. Measure and record the results in the test report

Test Setup

Refer to section 2.7.1 Setup 2 for details.

Measuring Instruments

The measuring equipment is listed in the section 3.1 of this test report.

Test Result

The detailed test data see: **Appendix.**

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4.7 Radiated Spurious Emissions and Band Edge

Limits

Spurious emissions are permitted in an of the frequency bands:

MHz	MHz	MHz	MHz	GHz	GHz
0.090 - 0.110	12.29 - 12.293	149.9 - 150.05	1660 - 1710	4.5 - 5.15	14.47 - 14.5
0.495 - 0.505	12.51975 - 1252025	156.52475 - 156.52525	1718.8 - 1722.2	5.35 - 5.46	15.35 - 16.2
2.1735 - 2.1905	12.5767 - 12.57725	156.7 - 156.9	2200 - 2300	7.25 - 7.75	17.7 - 21.4
4.125 - 128	13.36 - 13.41	162.0125 - 167.17	2310 - 2390	8.025 - 8.5	22.01 - 23.12
4.17725 - 4.17775	16.42 - 16.423	167.72 - 173.2	2483.5 - 2500	9.0 - 9.2	23.6 - 24.0
4.20725 - 4.20775	16.69475 - 16.69525	240 - 285	2655 - 2900	9.3 - 9.5	31.2 - 31.8
6.215 - 6.218	1680425 - 1680475	322 - 335.4	3260 - 3267	10.6 - 12.7	36.43 - 36.5
6.26775 - 6.26825	25.5 - 25.67	399.9 - 410	3332 - 3339	13.25 - 13.4	
6.31175 - 6.31225	37.5 - 38.25	608 - 614	3345.8 - 3358		
8.291 - 8.294	73 - 74.6	960 - 1240	3600 - 4400		
8.362 - 8.366	74.8 - 75.2	1300 - 1427			
8.37625 - 8.38675	108 - 121.94	1435 - 1626.5			
8.41425 - 8.41475	123 - 138	1645.5 - 1646.5			

Radiated disturbance of an intentional radiator:

Frequency	Field strength (μV/m)	Limit (dBμV/m	Remark	Measurement distance (m)
0.009MHz-0.490MHz	2400/F(kHz)	-	-	300
0.490MHz-1.705MHz	24000/F(kHz)	-	-	30
1.705MHz-30MHz	30	-	-	30
30MHz-88MHz	100	40.0	Quasi-peak	3
88MHz-216MHz	150	43.5	Quasi-peak	3
216MHz-960MHz	200	46.0	Quasi-peak	3
960MHz-1GHz	500	54.0	Quasi-peak	3
Above 1GHz	500	74.0	Peak	3
		54.0	Average	

Test Procedure

ANSI C63.10:2020 Section 6.4 & 6.5 & 6.6

Test Settings

1. For radiated emissions measurements performed at frequencies less than or equal to 1GHz, the EUT shall be placed on a RF-transparent table or support at a nominal height of 80cm above the reference ground plane.
2. For radiated emissions measurements performed at frequencies above 1GHz, the EUT shall be placed on a RF-transparent table or support at a nominal height of 150cm above the ground plane.
3. Radiated measurements shall be made with the measurement antenna positioned in both horizontal and vertical polarization. The measurement antenna shall be varied from 1m to 4m in height above the reference ground in a search for the relative positioning that produces the maximum radiated signal level (i.e, field strength or received power), when orienting the measurement antenna in vertical polarization, the minimum height of the lowest element of the antenna shall clear the site reference ground plane by at least 25cm.
4. For each suspected emission, the EUT was ranged its worst case and then tune the antenna tower(from 1~4m) and turntable(from 0~360°) find the maximum reading. Preamplifier and a high pass filter are used for the test in order get better signal level comply with the guidelines.
5. Set to the maximum power setting and enable the EUT transmit continuously.
6. The emission limits shown in the above table are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9-90 kHz, 110-490 kHz and above 1000 MHz. Radiated emission limits in these three bands are based on measurements employing an average detector.
7. spectrum analyzer setting:

   Measurements 30MHz ~ 1000MHz: RBW = 120 kHz; VBW ≥ 300 kHz; Detector = Peak

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Measurements Above 1000MHz: RBW = 1 MHz; VBW ≥ 3 MHz; Detector = Peak
Average Measurements Above 1000MHz:
RBW = 1 MHz, VBW ≥ 1/T, with peak detector for average measurements.

8. The field strength is calculated by adding the Antenna Factor, Cable Factor. The basic equation with a sample calculation is as follows:
   Level = Reading(dBμV) + AF(dB/m) + Factor(dB):
   AF = Antenna Factor(dB/m)
   Factor = Cable Factor(dB) - Preamplifier gain(dB)
   Margin = Limit(dBμV/m) – Level(dBμV/m)
9. Repeat above procedures until all frequencies measured was complete.
10. Measure and record the results in the test report.

Test Notes

1. Emissions below 18GHz were measured at a 3-meter test distance while emissions above 18GHz were measured at a 1-meter test distance with the application of a distance correction factor.
2. Radiated spurious emissions were investigated from 9kHz to 30MHz, 30MHz-1GHz and above 1GHz. the disturbance between 9kHz to 30MHz, 30MHz-1GHz and 18GHz to 40GHz was very low. The amplitude of spurious emissions from the radiator which are attenuated more than 20dB below the limit need not be recorded, so only the harmonics had been displayed.
3. The "-" shown in the following RSE tables are used to denote a noise floor measurement.

Test Setup

Refer to section 2.7.2 for details.

Measuring Instruments

The measuring equipment is listed in the section 3.1 of this test report.

Test Result

The detailed test data see: **Appendix.**

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5 Test Setup Photos

The detailed test data see: **Appendix-A BTWIFI Setup Photos**

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Appendix

DTS Bandwidth

Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11b	Ant0	2412	8.080	2408.000	2416.080	0.5	PASS
11b	Ant0	2437	8.120	2432.480	2440.600	0.5	PASS
11b	Ant0	2462	8.040	2458.000	2466.040	0.5	PASS
11g	Ant0	2412	15.320	2404.480	2419.800	0.5	PASS
11g	Ant0	2437	14.400	2430.120	2444.520	0.5	PASS
11g	Ant0	2462	15.040	2454.520	2469.560	0.5	PASS
11n20SISO	Ant0	2412	14.080	2405.480	2419.560	0.5	PASS
11n20SISO	Ant0	2437	13.720	2429.560	2443.280	0.5	PASS
11n20SISO	Ant0	2462	14.080	2455.520	2469.600	0.5	PASS
11n40SISO	Ant0	2422	33.760	2405.760	2439.520	0.5	PASS
11n40SISO	Ant0	2437	35.040	2419.480	2454.520	0.5	PASS
11n40SISO	Ant0	2452	33.760	2435.760	2469.520	0.5	PASS

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Test Graphs

11b-Ant0-2412-PASS

11b-Ant0-2437-PASS

11b-Ant0-2462-PASS

11g-Ant0-2412-PASS

11g-Ant0-2437-PASS

11g-Ant0-2462-PASS

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11n20SISO-Ant0-2412-PASS

11n20SISO-Ant0-2437-PASS

11n20SISO-Ant0-2462-PASS

11n40SISO-Ant0-2422-PASS

11n40SISO-Ant0-2437-PASS

11n40SISO-Ant0-2452-PASS

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Occupied Channel Bandwidth

Test Result

TestMode	Antenna	Channel Frequency [MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11b	Ant0	2412	13.335	2405.4973	2418.8323	---	---
11b	Ant0	2437	13.931	2429.9381	2443.8691	---	---
11b	Ant0	2462	13.668	2455.2927	2468.9607	---	---
11g	Ant0	2412	16.528	2403.8590	2420.3870	---	---
11g	Ant0	2437	16.738	2428.5834	2445.3214	---	---
11g	Ant0	2462	16.560	2453.7988	2470.3588	---	---
11n20SISO	Ant0	2412	17.583	2403.3031	2420.8861	---	---
11n20SISO	Ant0	2437	17.809	2428.0706	2445.8796	---	---
11n20SISO	Ant0	2462	17.650	2453.2425	2470.8925	---	---
11n40SISO	Ant0	2422	35.933	2404.1971	2440.1301	---	---
11n40SISO	Ant0	2437	36.402	2418.8203	2455.2223	---	---
11n40SISO	Ant0	2452	36.148	2433.9891	2470.1371	---	---

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Test Graphs

11b-Ant0-2412

11b-Ant0-2437

11b-Ant0-2462

11g-Ant0-2412

11g-Ant0-2437

11g-Ant0-2462

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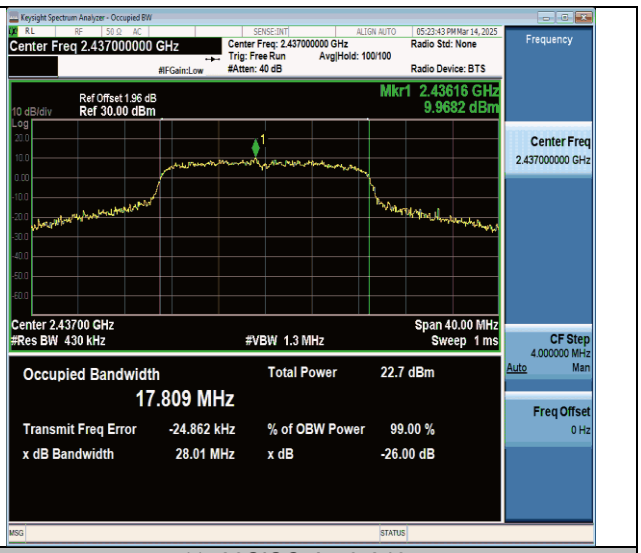
11n20SISO-Ant0-2412



11n20SISO-Ant0-2437

11n20SISO-Ant0-2462

11n40SISO-Ant0-2422

11n40SISO-Ant0-2437

11n40SISO-Ant0-2452

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Maximum conducted output power

Test Result

Test Mode	Antenna	Frequency [MHz]	Average Power[dBm]	Peak Power[dBm]	Limit [dBm]	Verdict
11b	Ant0	2412	18.277	20.816	≤30.00	PASS
11b	Ant0	2437	18.102	20.661	≤30.00	PASS
11b	Ant0	2462	18.213	20.791	≤30.00	PASS
11g	Ant0	2412	17.020	22.647	≤30.00	PASS
11g	Ant0	2437	16.958	21.864	≤30.00	PASS
11g	Ant0	2462	17.555	22.238	≤30.00	PASS
11n20SISO	Ant0	2412	17.072	22.667	≤30.00	PASS
11n20SISO	Ant0	2437	16.978	21.829	≤30.00	PASS
11n20SISO	Ant0	2462	17.505	22.256	≤30.00	PASS
11n40SISO	Ant0	2422	16.885	22.775	≤30.00	PASS
11n40SISO	Ant0	2437	17.093	22.366	≤30.00	PASS
11n40SISO	Ant0	2452	17.090	22.351	≤30.00	PASS

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Maximum power spectral density

Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11b	Ant0	2412	-1.59	≤8.00	PASS
11b	Ant0	2437	-2.05	≤8.00	PASS
11b	Ant0	2462	-1.93	≤8.00	PASS
11g	Ant0	2412	-9.17	≤8.00	PASS
11g	Ant0	2437	-8.86	≤8.00	PASS
11g	Ant0	2462	-7.47	≤8.00	PASS
11n20SISO	Ant0	2412	-8.82	≤8.00	PASS
11n20SISO	Ant0	2437	-8.31	≤8.00	PASS
11n20SISO	Ant0	2462	-8.78	≤8.00	PASS
11n40SISO	Ant0	2422	-11.62	≤8.00	PASS
11n40SISO	Ant0	2437	-10.58	≤8.00	PASS
11n40SISO	Ant0	2452	-10.47	≤8.00	PASS

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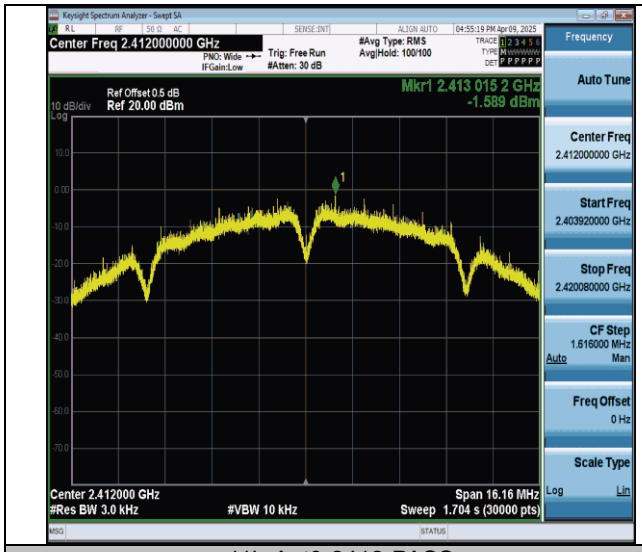
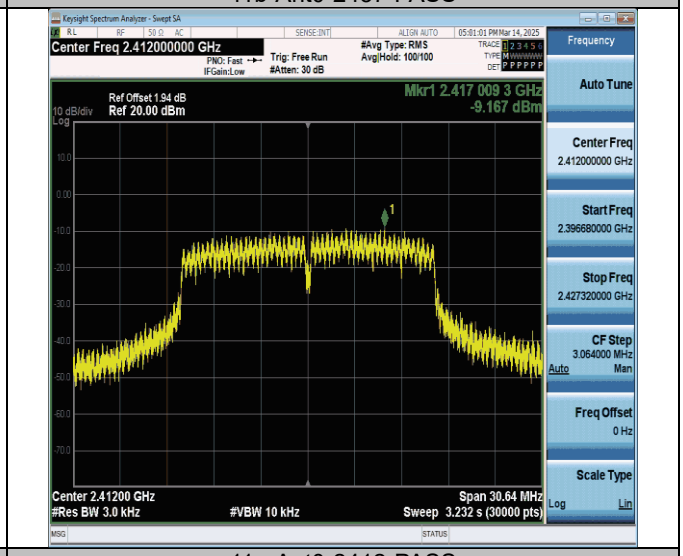
Test Graphs



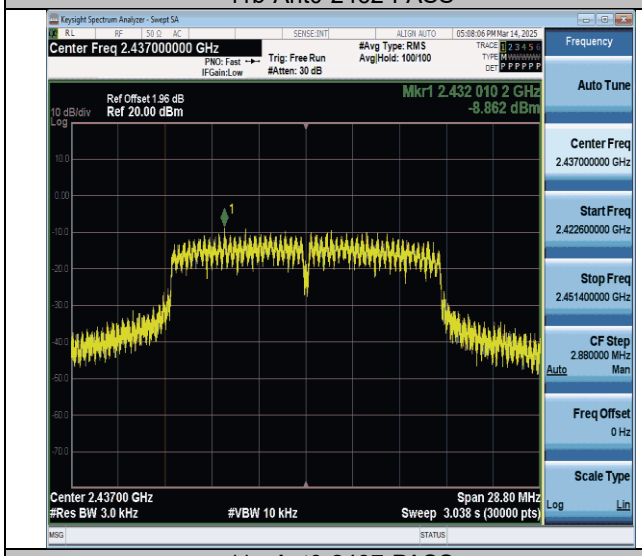
11b-Ant0-2412-PASS

11b-Ant0-2437-PASS

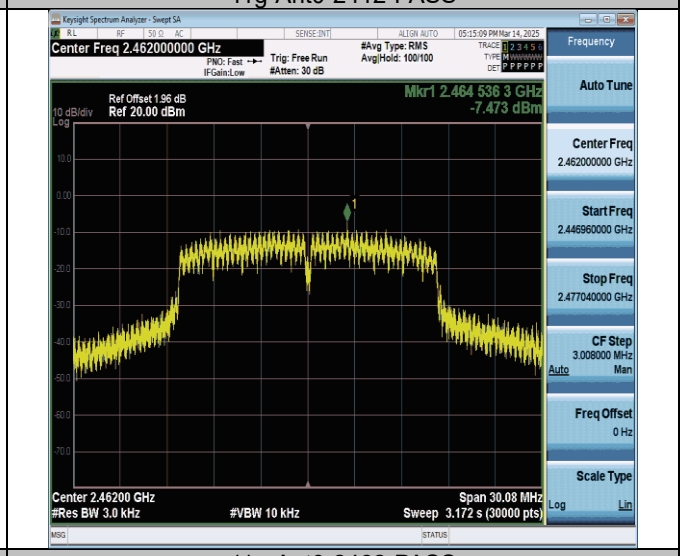
11b-Ant0-2462-PASS



11g-Ant0-2412-PASS



11g-Ant0-2437-PASS



11g-Ant0-2462-PASS

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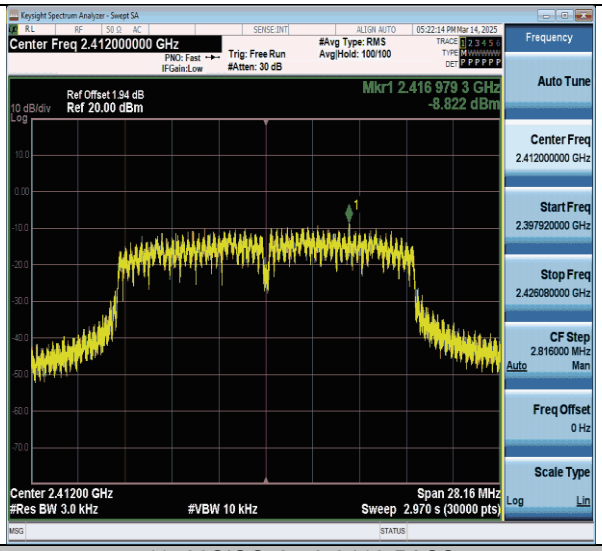
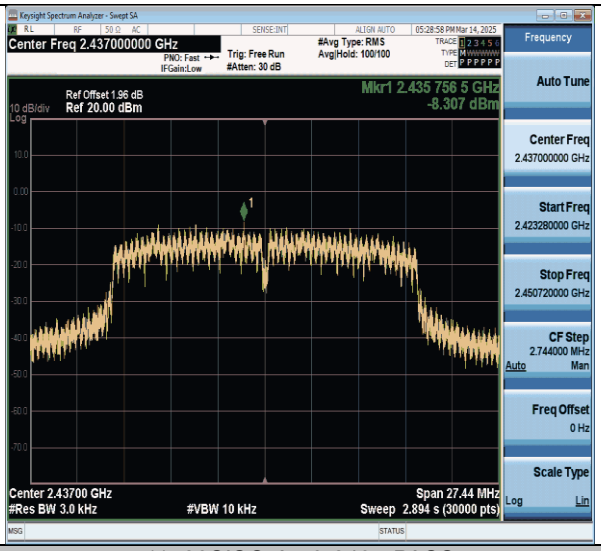
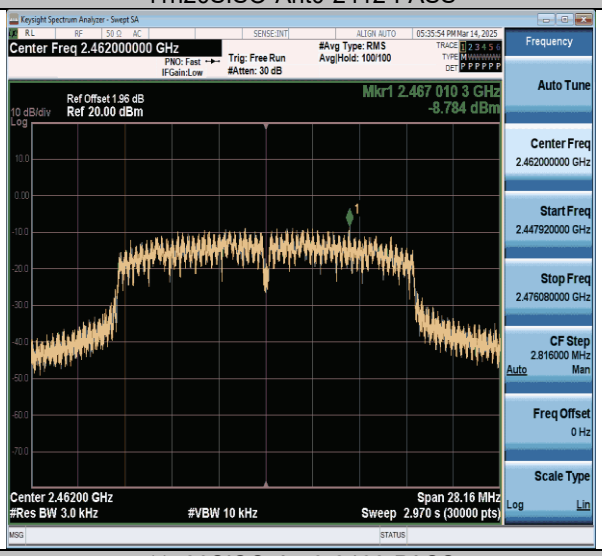


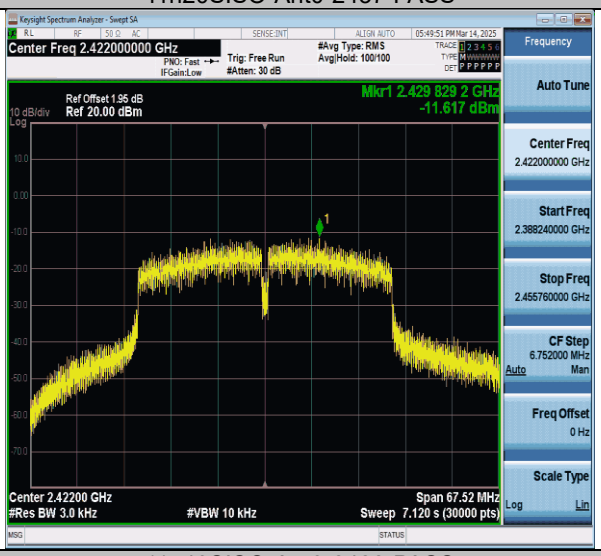
11n20SISO-Ant0-2412-PASS



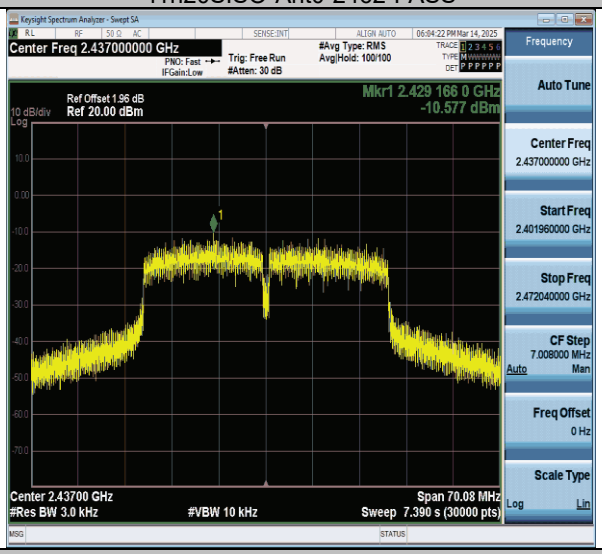
11n20SISO-Ant0-2437-PASS



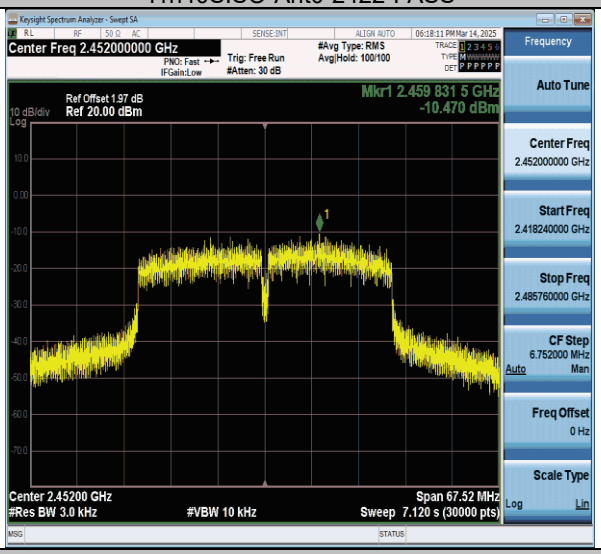
11n20SISO-Ant0-2462-PASS



11n40SISO-Ant0-2422-PASS



11n40SISO-Ant0-2437-PASS



11n40SISO-Ant0-2452-PASS

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Band edge measurements

Test Result

TestMode	Antenna	ChName	Frequency[MHz]	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11b	Ant0	Low	2412	10.15	-34.43	≤-9.85	PASS
11b	Ant0	High	2462	9.92	-48.8	≤-10.08	PASS
11g	Ant0	Low	2412	6.47	-25.65	≤-13.53	PASS
11g	Ant0	High	2462	7.18	-34.7	≤-12.82	PASS
11n20SISO	Ant0	Low	2412	6.41	-24.66	≤-13.59	PASS
11n20SISO	Ant0	High	2462	6.82	-35.72	≤-13.18	PASS
11n40SISO	Ant0	Low	2422	3.76	-25.55	≤-16.24	PASS
11n40SISO	Ant0	High	2452	3.36	-27.99	≤-16.64	PASS

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Test Graphs

11b-Ant0-2412-PASS

11b-Ant0-2462-PASS

11g-Ant0-2412-PASS

11g-Ant0-2462-PASS

11n20SISO-Ant0-2412-PASS

11n20SISO-Ant0-2462-PASS

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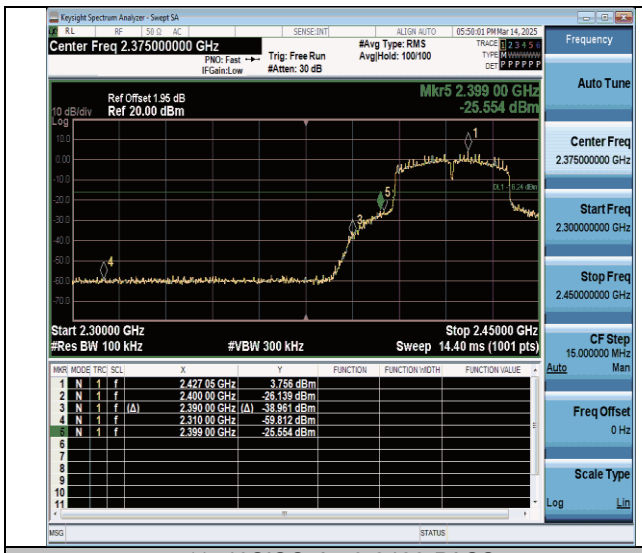

11n40SISO-Ant0-2422-PASS

11n40SISO-Ant0-2452-PASS

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Conducted Spurious Emission

Test Result

TestMode	Antenna	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11b	Ant0	2412	0~Reference	10.12	10.12	---	PASS
11b	Ant0	2412	30~1000	10.12	-62.15	≤-9.88	PASS
11b	Ant0	2412	1000~26500	10.12	-45.46	≤-9.88	PASS
11b	Ant0	2437	0~Reference	8.54	8.54	---	PASS
11b	Ant0	2437	30~1000	8.54	-62.89	≤-11.46	PASS
11b	Ant0	2437	1000~26500	8.54	-45.48	≤-11.46	PASS
11b	Ant0	2462	0~Reference	8.64	8.64	---	PASS
11b	Ant0	2462	30~1000	8.64	-62.65	≤-11.36	PASS
11b	Ant0	2462	1000~26500	8.64	-44.97	≤-11.36	PASS
11g	Ant0	2412	0~Reference	5.91	5.91	---	PASS
11g	Ant0	2412	30~1000	5.91	-62.01	≤-14.09	PASS
11g	Ant0	2412	1000~26500	5.91	-46.22	≤-14.09	PASS
11g	Ant0	2437	0~Reference	5.64	5.64	---	PASS
11g	Ant0	2437	30~1000	5.64	-62.67	≤-14.36	PASS
11g	Ant0	2437	1000~26500	5.64	-45.92	≤-14.36	PASS
11g	Ant0	2462	0~Reference	6.28	6.28	---	PASS
11g	Ant0	2462	30~1000	6.28	-62.74	≤-13.72	PASS
11g	Ant0	2462	1000~26500	6.28	-45.27	≤-13.72	PASS
11n20SISO	Ant0	2412	0~Reference	6.79	6.79	---	PASS
11n20SISO	Ant0	2412	30~1000	6.79	-62.2	≤-13.21	PASS
11n20SISO	Ant0	2412	1000~26500	6.79	-45.88	≤-13.21	PASS
11n20SISO	Ant0	2437	0~Reference	5.95	5.95	---	PASS
11n20SISO	Ant0	2437	30~1000	5.95	-63.26	≤-14.05	PASS
11n20SISO	Ant0	2437	1000~26500	5.95	-46.17	≤-14.05	PASS
11n20SISO	Ant0	2462	0~Reference	6.93	6.93	---	PASS
11n20SISO	Ant0	2462	30~1000	6.93	-62.68	≤-13.07	PASS
11n20SISO	Ant0	2462	1000~26500	6.93	-46.08	≤-13.07	PASS
11n40SISO	Ant0	2422	0~Reference	3.91	3.91	---	PASS
11n40SISO	Ant0	2422	30~1000	3.91	-62.4	≤-16.09	PASS
11n40SISO	Ant0	2422	1000~26500	3.91	-46.11	≤-16.09	PASS
11n40SISO	Ant0	2437	0~Reference	3.25	3.25	---	PASS
11n40SISO	Ant0	2437	30~1000	3.25	-62.39	≤-16.75	PASS
11n40SISO	Ant0	2437	1000~26500	3.25	-46.28	≤-16.75	PASS
11n40SISO	Ant0	2452	0~Reference	3.37	3.37	---	PASS
11n40SISO	Ant0	2452	30~1000	3.37	-61.85	≤-16.63	PASS
11n40SISO	Ant0	2452	1000~26500	3.37	-45.6	≤-16.63	PASS

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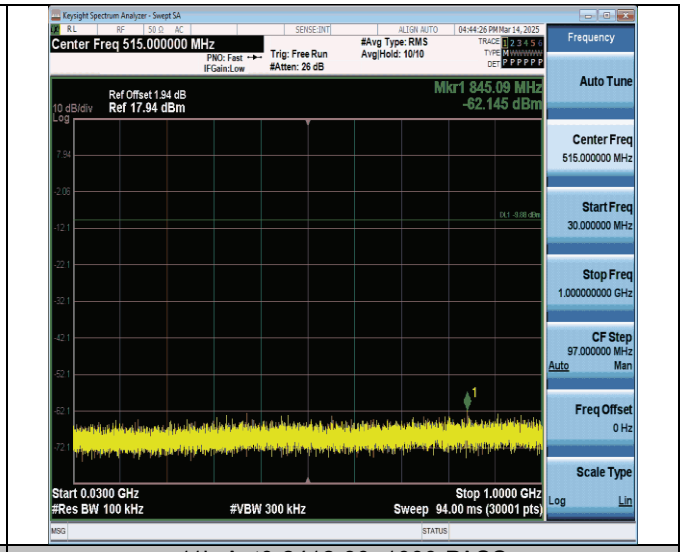
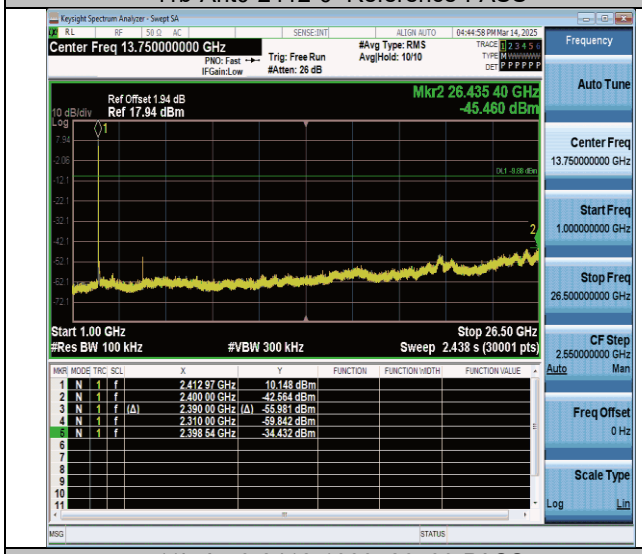
Test Graphs

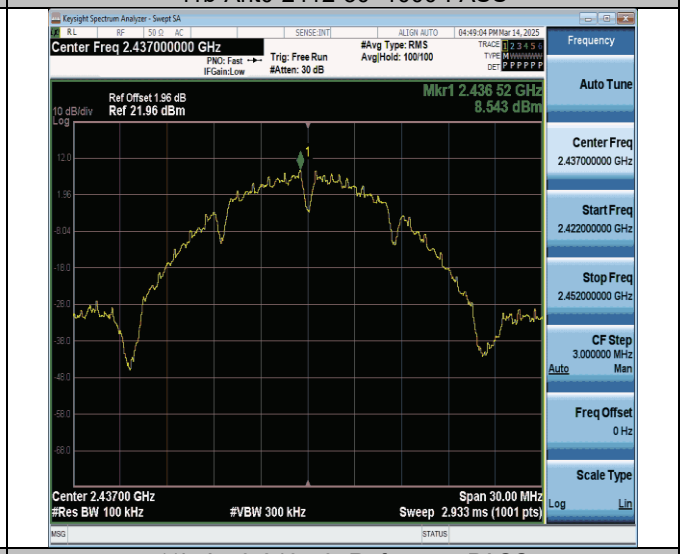
11b-Ant0-2412-0~Reference-PASS



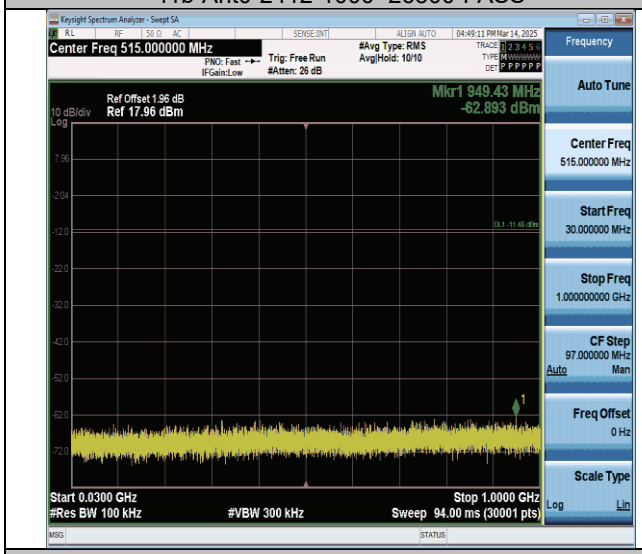
11b-Ant0-2412-30~1000-PASS



11b-Ant0-2412-1000~26500-PASS



11b-Ant0-2437-0~Reference-PASS



11b-Ant0-2437-30~1000-PASS

11b-Ant0-2437-1000~26500-PASS

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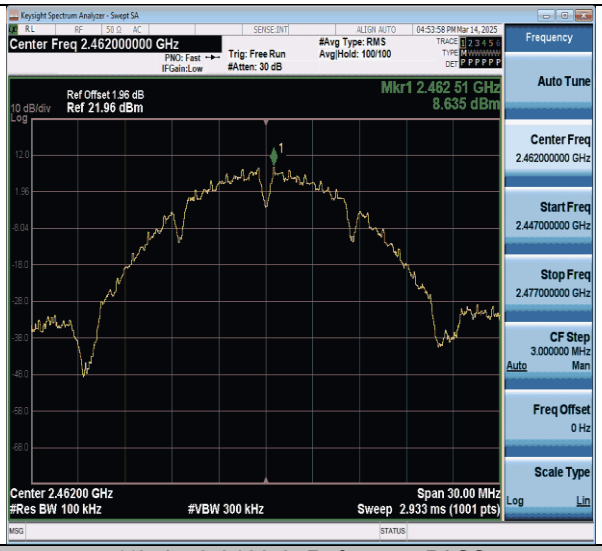
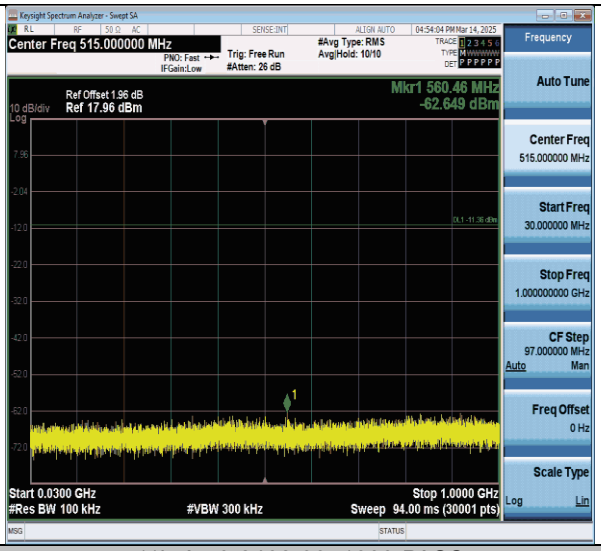


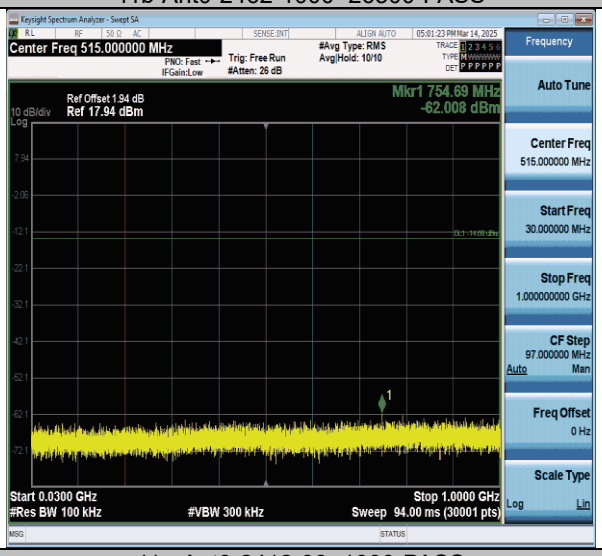
11b-Ant0-2462-0~Reference-PASS



11b-Ant0-2462-30~1000-PASS

11b-Ant0-2462-1000~26500-PASS

11g-Ant0-2412-0~Reference-PASS



11g-Ant0-2412-30~1000-PASS

11g-Ant0-2412-1000~26500-PASS

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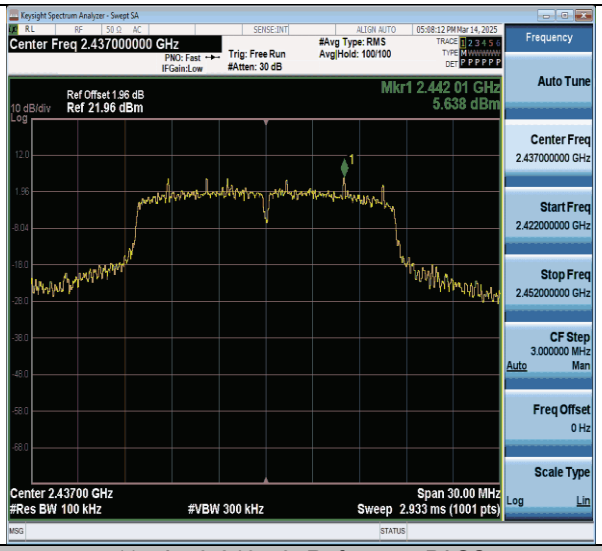
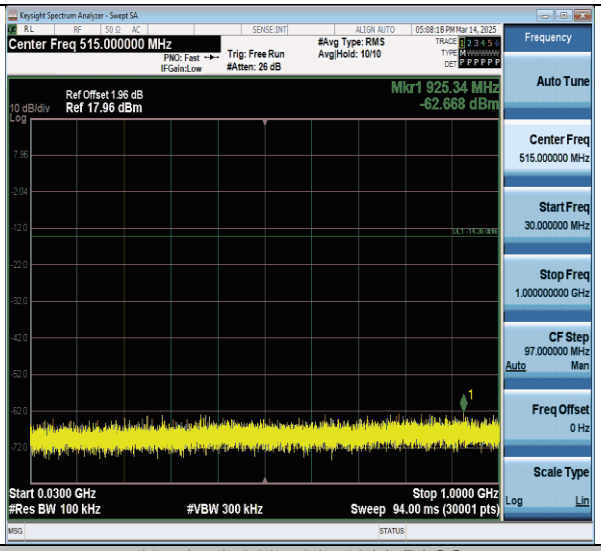


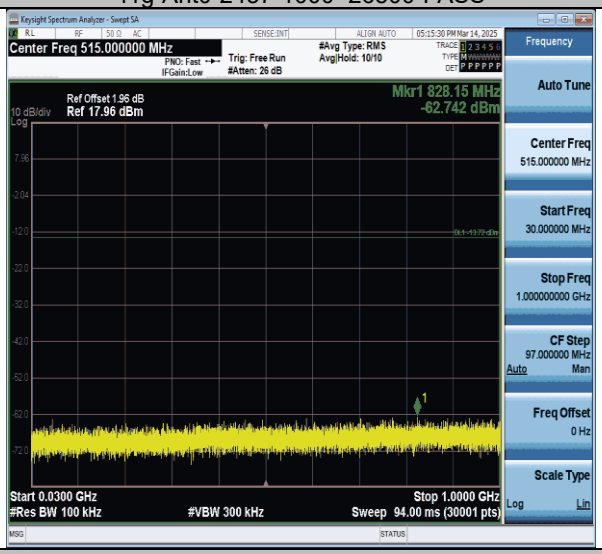
11g-Ant0-2437-0~Reference-PASS



11g-Ant0-2437-30~1000-PASS

11g-Ant0-2437-1000~26500-PASS

11g-Ant0-2462-0~Reference-PASS



11g-Ant0-2462-30~1000-PASS

11g-Ant0-2462-1000~26500-PASS

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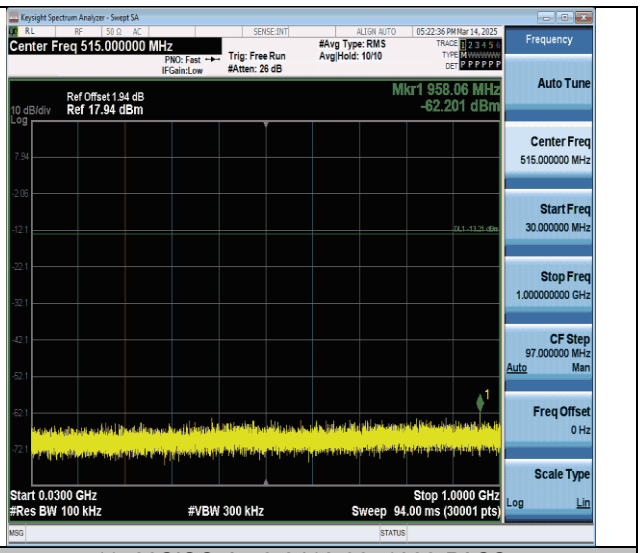
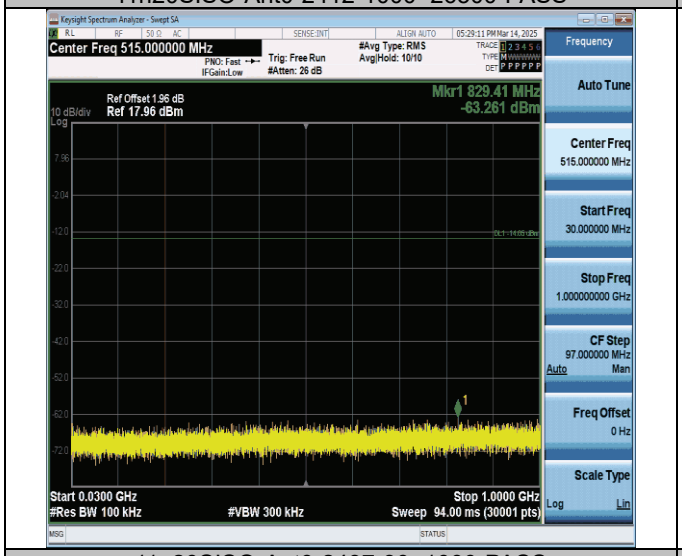
11n20SISO-Ant0-2412-0~Reference-PASS



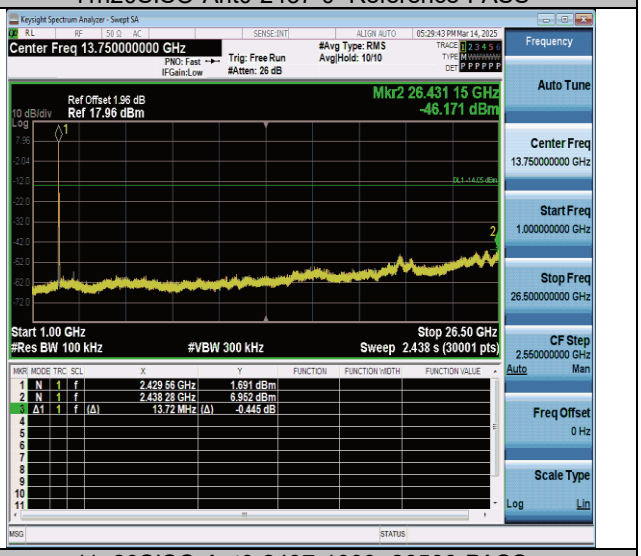
11n20SISO-Ant0-2412-30~1000-PASS

11n20SISO-Ant0-2412-1000~26500-PASS

11n20SISO-Ant0-2437-0~Reference-PASS



11n20SISO-Ant0-2437-30~1000-PASS



11n20SISO-Ant0-2437-1000~26500-PASS

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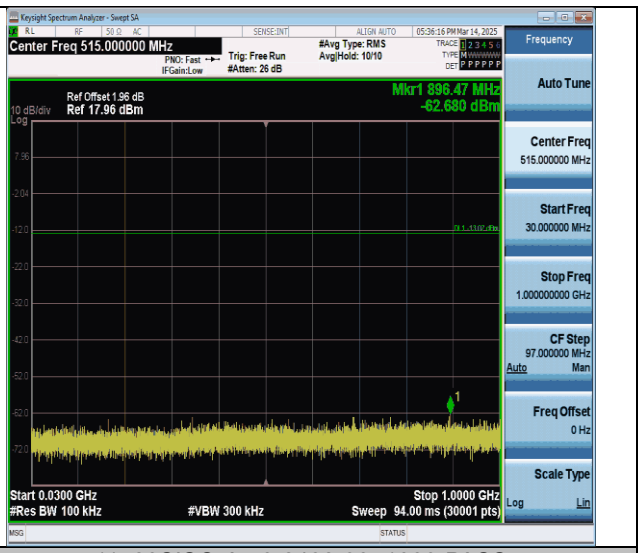
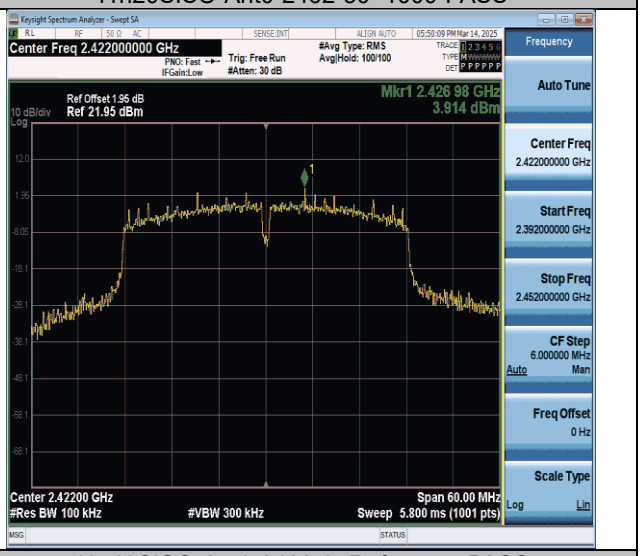
11n20SISO-Ant0-2462-0~Reference-PASS

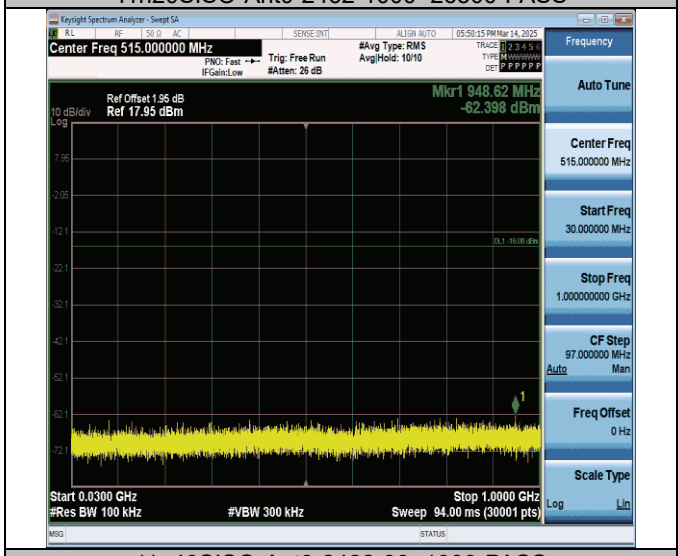


11n20SISO-Ant0-2462-30~1000-PASS

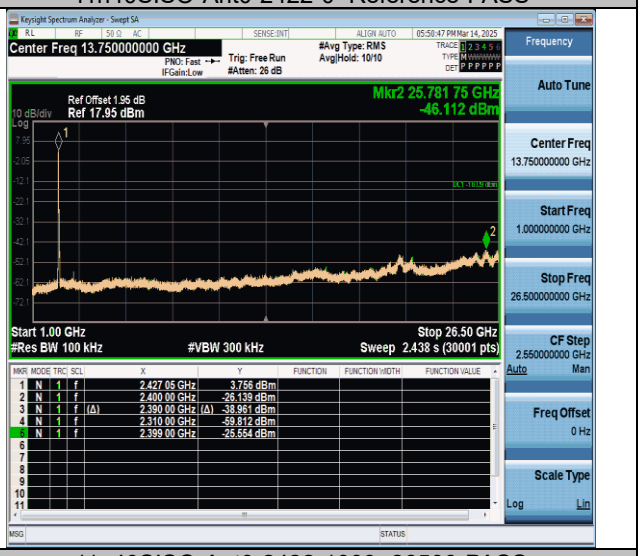
11n20SISO-Ant0-2462-1000~26500-PASS



11n40SISO-Ant0-2422-0~Reference-PASS



11n40SISO-Ant0-2422-30~1000-PASS



11n40SISO-Ant0-2422-1000~26500-PASS

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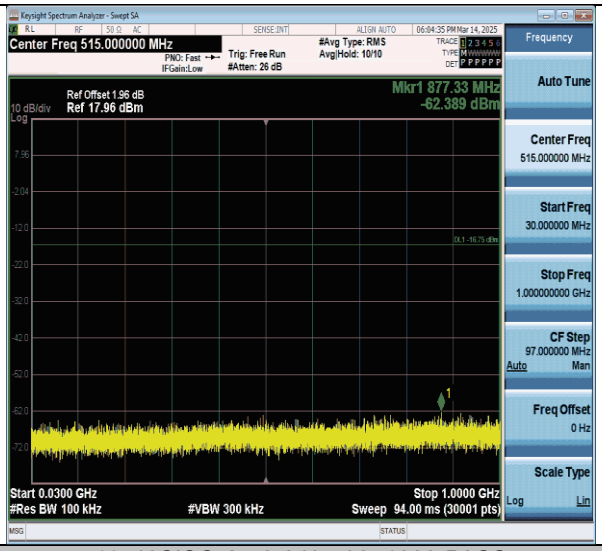
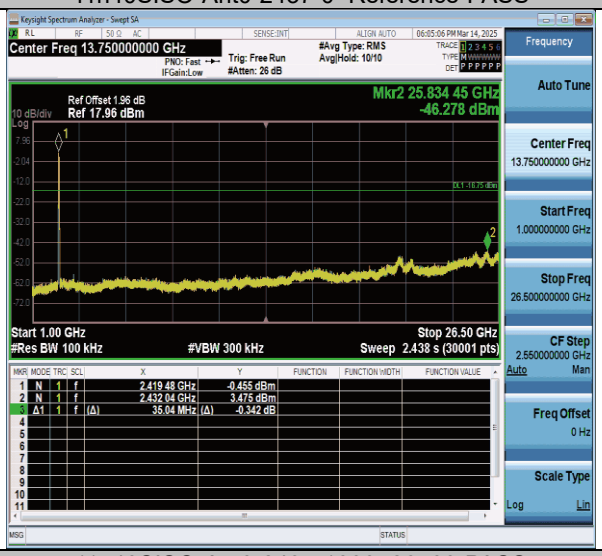
11n40SISO-Ant0-2437-0~Reference-PASS

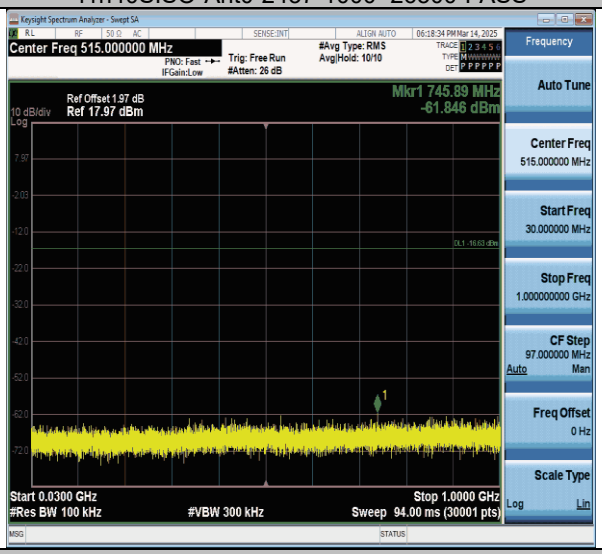


11n40SISO-Ant0-2437-30~1000-PASS



11n40SISO-Ant0-2437-1000~26500-PASS

11n40SISO-Ant0-2452-0~Reference-PASS



11n40SISO-Ant0-2452-30~1000-PASS

11n40SISO-Ant0-2452-1000~26500-PASS

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Duty Cycle

Test Result

TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Factor
11b	Ant0	2412	12.43	12.56	98.96	0.05
11b	Ant0	2437	12.44	12.59	98.81	0.05
11b	Ant0	2462	12.43	12.54	99.12	0.04
11g	Ant0	2412	2.06	2.21	93.21	0.31
11g	Ant0	2437	2.07	2.19	94.52	0.24
11g	Ant0	2462	2.06	2.23	92.38	0.34
11n20SISO	Ant0	2412	1.93	2.05	94.15	0.26
11n20SISO	Ant0	2437	1.92	2.04	94.12	0.26
11n20SISO	Ant0	2462	1.93	2.16	89.35	0.49
11n40SISO	Ant0	2422	0.95	1.06	89.62	0.48
11n40SISO	Ant0	2437	0.95	1.05	90.48	0.43
11n40SISO	Ant0	2452	0.94	1.10	85.45	0.68

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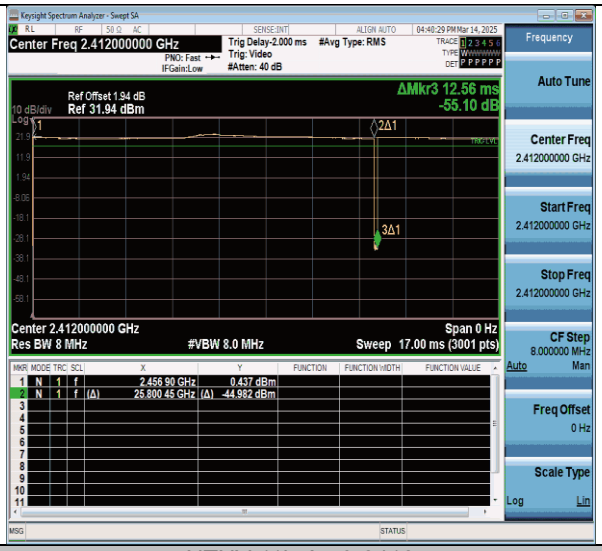
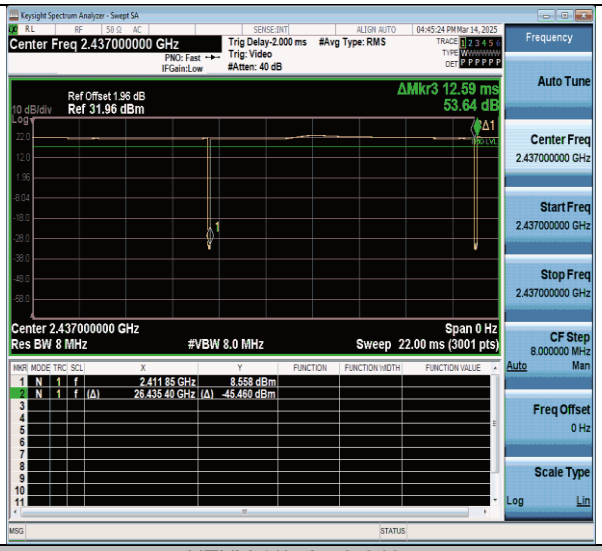
Test Graphs

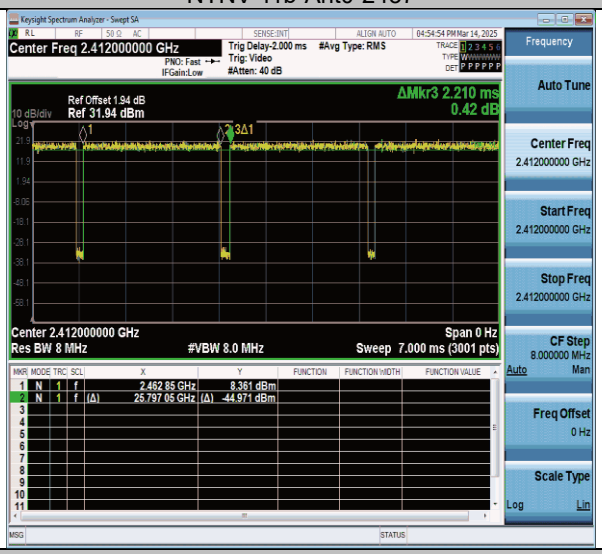


NTNV-11b-Ant0-2412

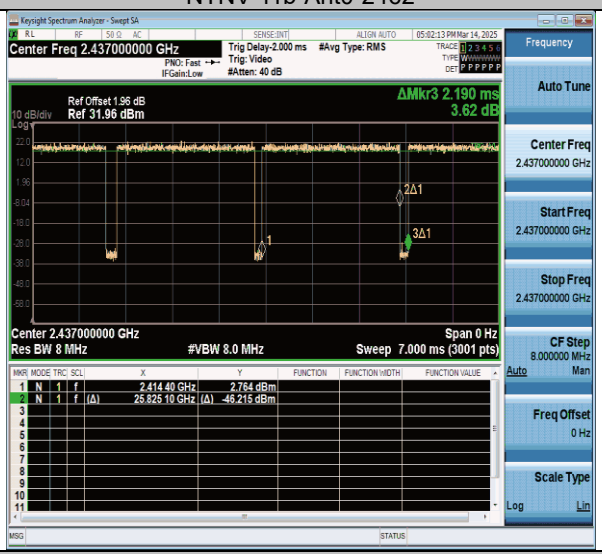


NTNV-11b-Ant0-2437

NTNV-11b-Ant0-2462



NTNV-11g-Ant0-2412



NTNV-11g-Ant0-2437

NTNV-11g-Ant0-2462

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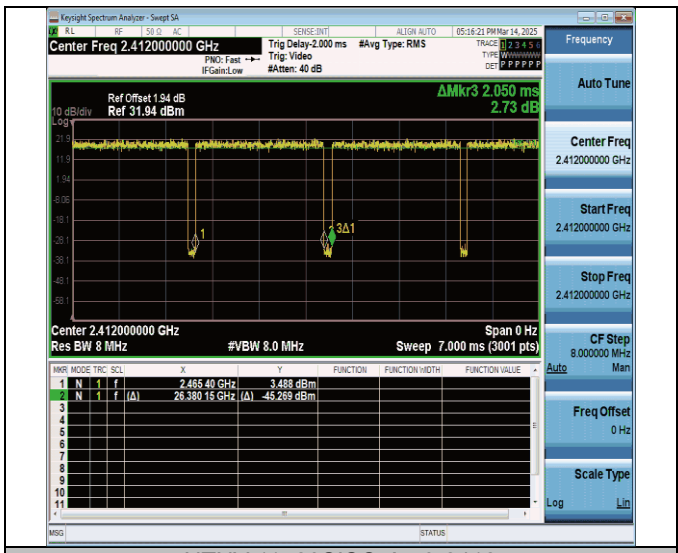
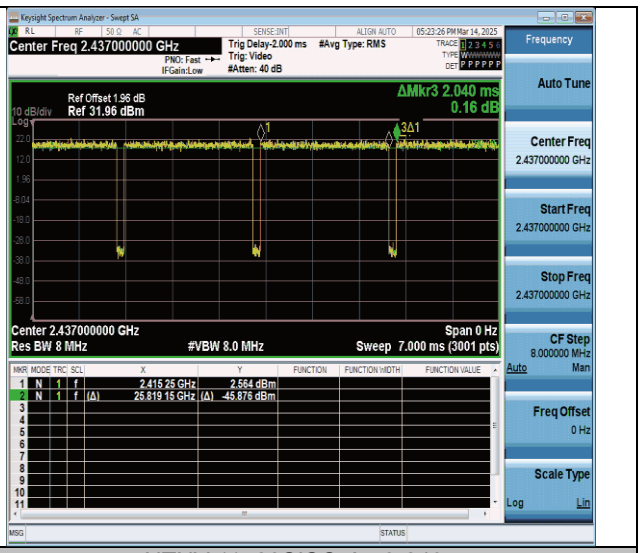
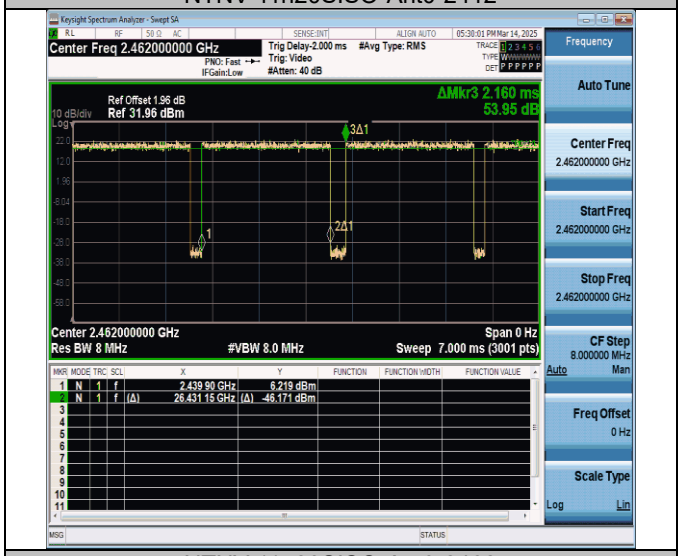


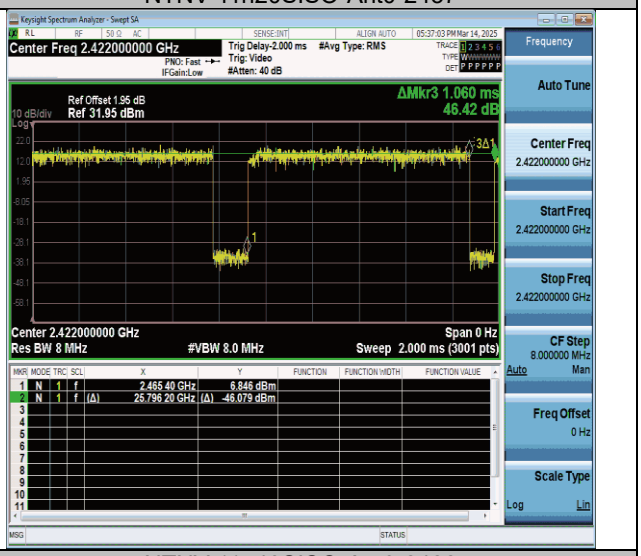
NTNV-11n20SISO-Ant0-2412



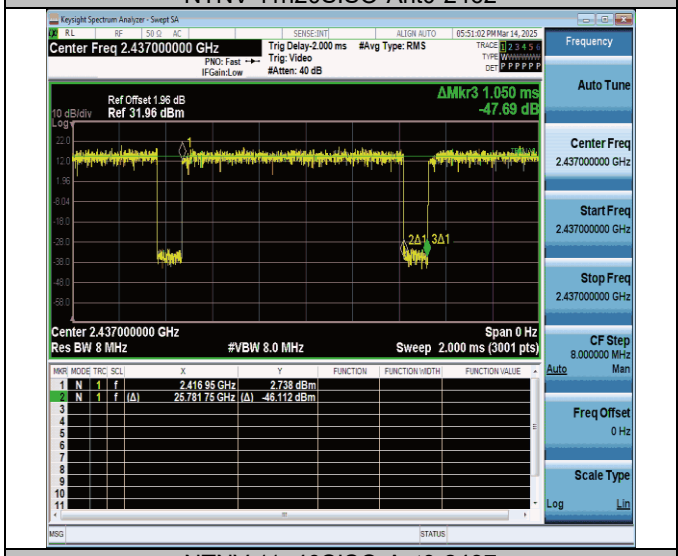
NTNV-11n20SISO-Ant0-2437



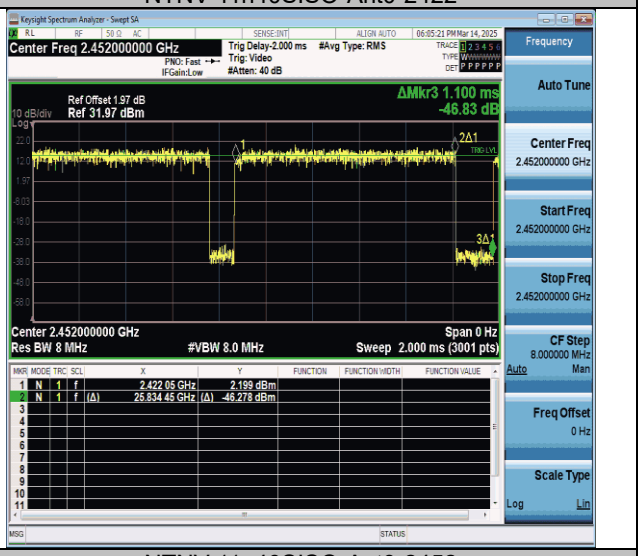
NTNV-11n20SISO-Ant0-2462



NTNV-11n40SISO-Ant0-2422



NTNV-11n40SISO-Ant0-2437



NTNV-11n40SISO-Ant0-2452

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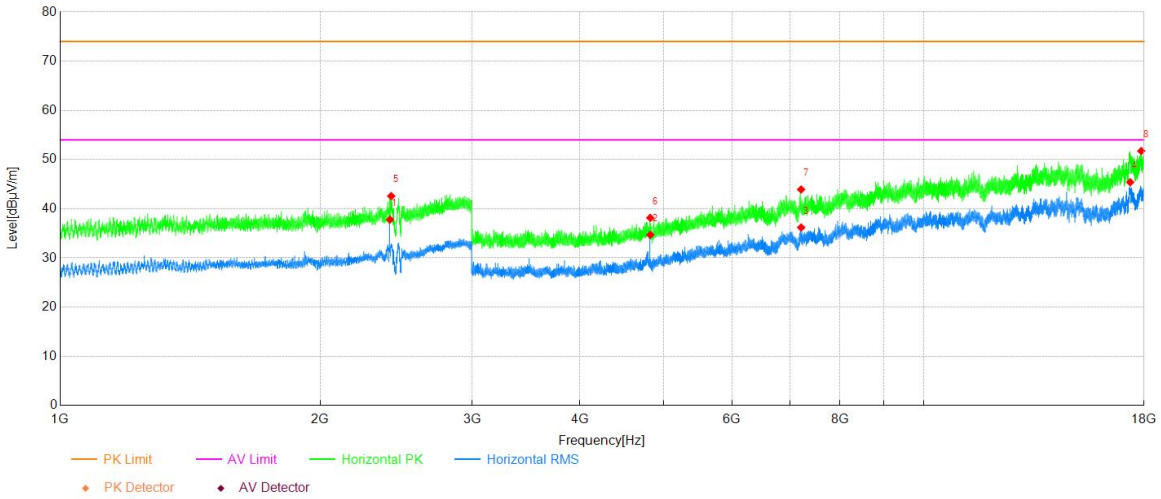
Radiated Spurious Emissions

Test Result

Project Information			
Mode:	802.11b	Band:	-
Bandwidth	-	Channel	1
SN:	E1Y24K13V000067	Engineer:	Ou Shuyan
Remark:	Power:17		

Test Graph



Data List

NO.	Freq. [MHz]	Reading [dBuV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity	Verdict
1	2409.60	35.56	2.23	37.79	-	-	Horizontal	NA
2	4824.50	42.55	-7.85	34.70	54.00	19.30	Horizontal	PASS
3	7214.00	37.60	-1.40	36.20	54.00	17.80	Horizontal	PASS
4	17348.00	32.63	12.77	45.40	54.00	8.60	Horizontal	PASS
5	2417.60	40.33	2.25	42.58	-	-	Horizontal	NA
6	4824.00	45.99	-7.84	38.15	74.00	35.85	Horizontal	PASS
7	7213.50	45.31	-1.39	43.92	74.00	30.08	Horizontal	PASS
8	17867.00	39.14	12.60	51.74	74.00	22.26	Horizontal	PASS

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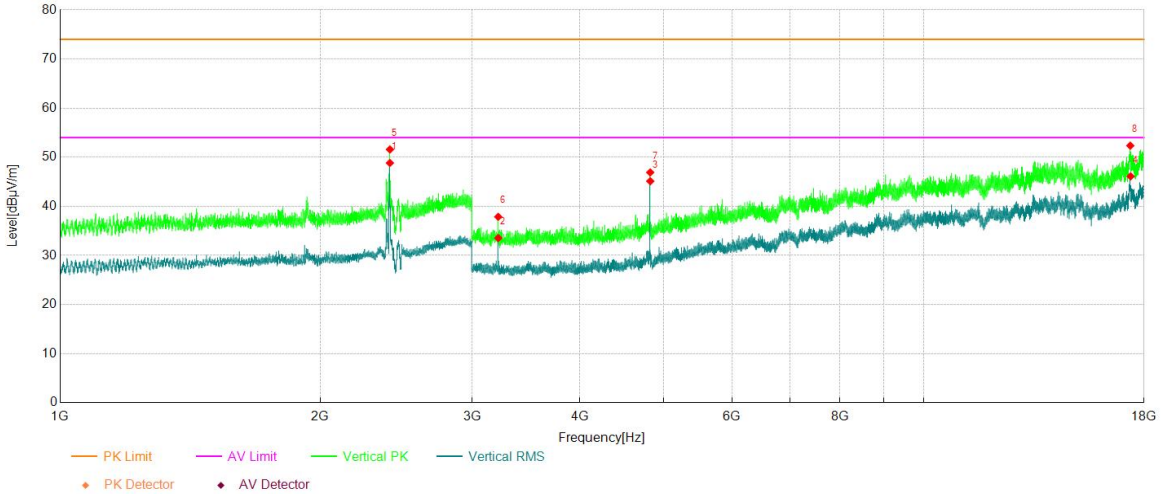
Project Information			
Mode:	802.11b	Band:	-
Bandwidth	-	Channel	1
SN:	E1Y24K13V000067	Engineer:	Ou Shuyan
Remark:	Power:17		

Test Graph



Data List

NO.	Freq. [MHz]	Reading [dBuV]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity	Verdict
1	2409.40	46.59	2.24	48.83	-	-	Vertical	NA
2	3216.50	46.25	-12.71	33.54	54.00	20.46	Vertical	PASS
3	4824.50	52.97	-7.85	45.12	54.00	8.88	Vertical	PASS
4	17367.00	33.91	12.20	46.11	54.00	7.89	Vertical	PASS
5	2409.20	49.34	2.24	51.58	-	-	Vertical	NA
6	3216.00	50.57	-12.71	37.86	74.00	36.14	Vertical	PASS
7	4824.00	54.75	-7.84	46.91	74.00	27.09	Vertical	PASS
8	17351.00	39.54	12.82	52.36	74.00	21.64	Vertical	PASS

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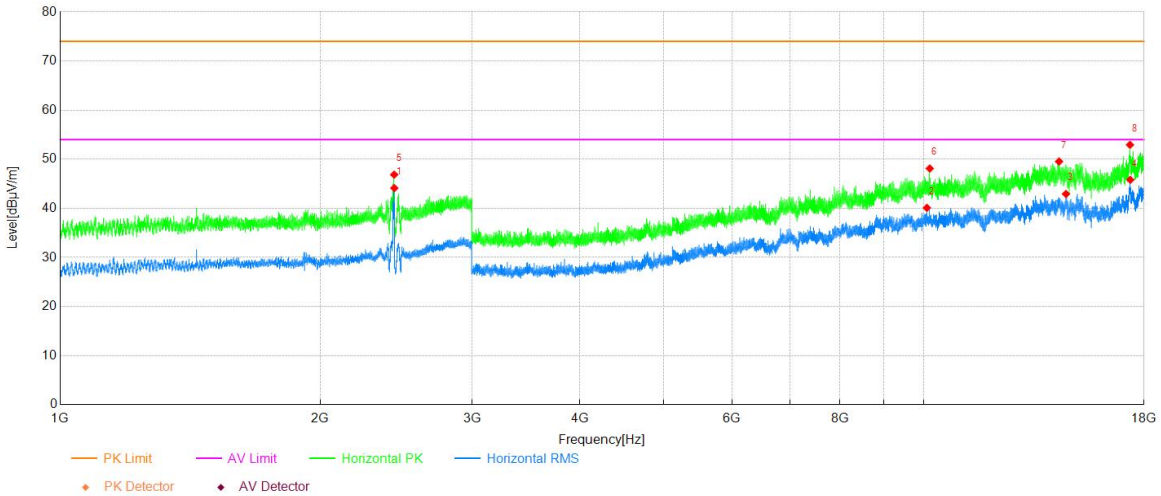
Project Information			
Mode:	802.11b	Band:	-
Bandwidth	-	Channel	6
SN:	E1Y24K13V000067	Engineer:	Ou Shuyan
Remark:	Power:17		

Test Graph



Data List

NO.	Freq. [MHz]	Reading [dBuV]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity	Verdict
1	2437.80	41.83	2.29	44.12	-	-	Horizontal	NA
2	10087.50	36.77	3.33	40.10	54.00	13.90	Horizontal	PASS
3	14618.00	33.76	9.16	42.92	54.00	11.08	Horizontal	PASS
4	17354.00	33.11	12.70	45.81	54.00	8.19	Horizontal	PASS
5	2436.80	44.57	2.29	46.86	-	-	Horizontal	NA
6	10166.50	44.77	3.34	48.11	74.00	25.89	Horizontal	PASS
7	14349.50	40.20	9.34	49.54	74.00	24.46	Horizontal	PASS
8	17339.50	40.55	12.38	52.93	74.00	21.07	Horizontal	PASS

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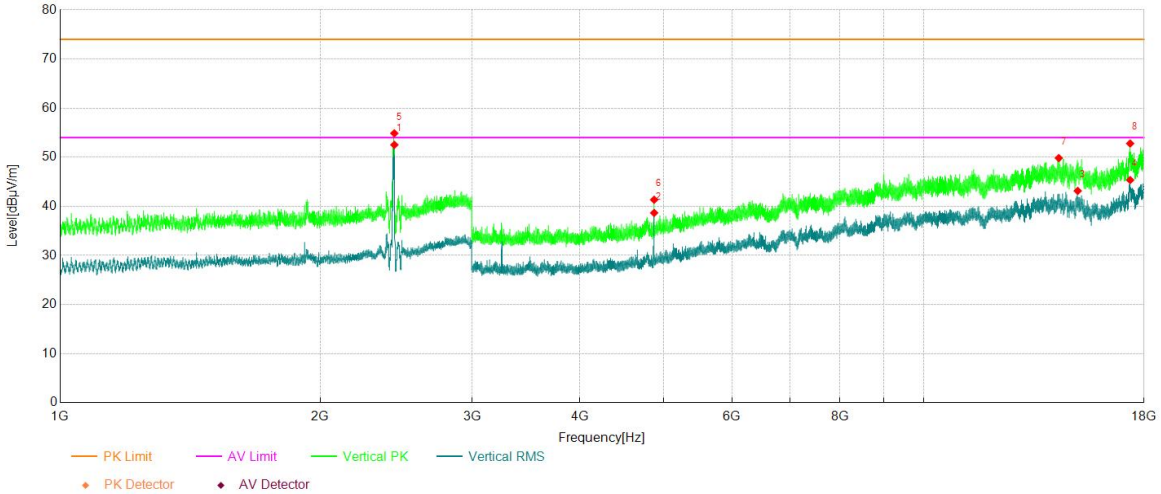
Project Information			
Mode:	802.11b	Band:	-
Bandwidth	-	Channel	6
SN:	E1Y24K13V000067	Engineer:	Ou Shuyan
Remark:	Power:17		

Test Graph



Data List

NO.	Freq. [MHz]	Reading [dBuV]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity	Verdict
1	2438.20	50.24	2.28	52.52	-	-	Vertical	NA
2	4874.50	46.74	-8.08	38.66	54.00	15.34	Vertical	PASS
3	15082.00	34.15	9.00	43.15	54.00	10.85	Vertical	PASS
4	17345.00	32.71	12.64	45.35	54.00	8.65	Vertical	PASS
5	2437.80	52.58	2.29	54.87	-	-	Vertical	NA
6	4874.00	49.42	-8.08	41.34	74.00	32.66	Vertical	PASS
7	14339.00	40.75	9.08	49.83	74.00	24.17	Vertical	PASS
8	17344.50	40.20	12.60	52.80	74.00	21.20	Vertical	PASS

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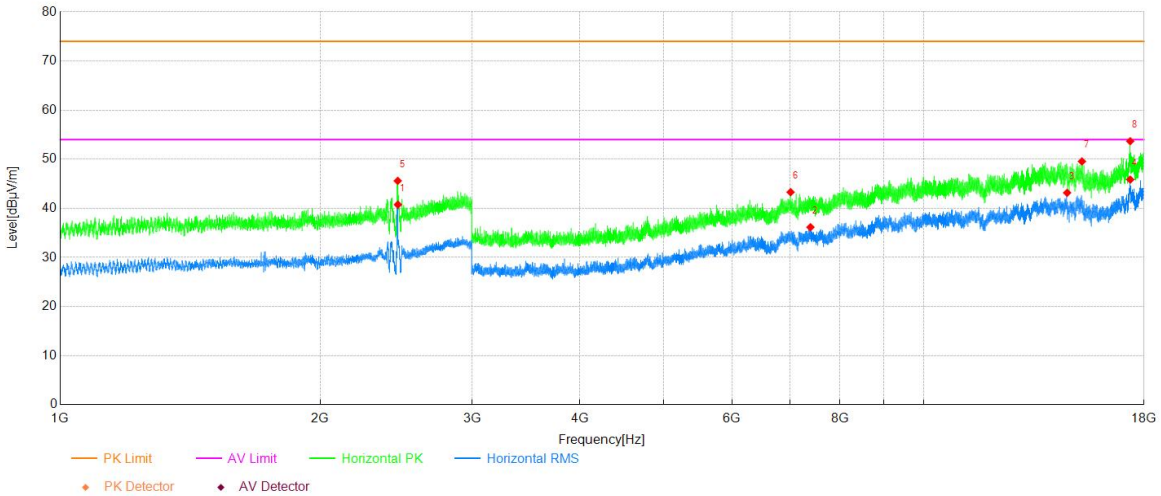
Project Information			
Mode:	802.11b	Band:	-
Bandwidth	-	Channel	11
SN:	E1Y24K13V000067	Engineer:	Ou Shuyan
Remark:	Power:17		

Test Graph



Data List

NO.	Freq. [MHz]	Reading [dBuV]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity	Verdict
1	2461.20	38.42	2.33	40.75	-	-	Horizontal	NA
2	7395.00	37.21	-1.06	36.15	54.00	17.85	Horizontal	PASS
3	14662.00	33.57	9.59	43.16	54.00	10.84	Horizontal	PASS
4	17348.50	33.06	12.79	45.85	54.00	8.15	Horizontal	PASS
5	2460.20	43.27	2.33	45.60	-	-	Horizontal	NA
6	7014.00	45.15	-1.86	43.29	74.00	30.71	Horizontal	PASS
7	15252.50	40.24	9.31	49.55	74.00	24.45	Horizontal	PASS
8	17348.00	40.90	12.77	53.67	74.00	20.33	Horizontal	PASS

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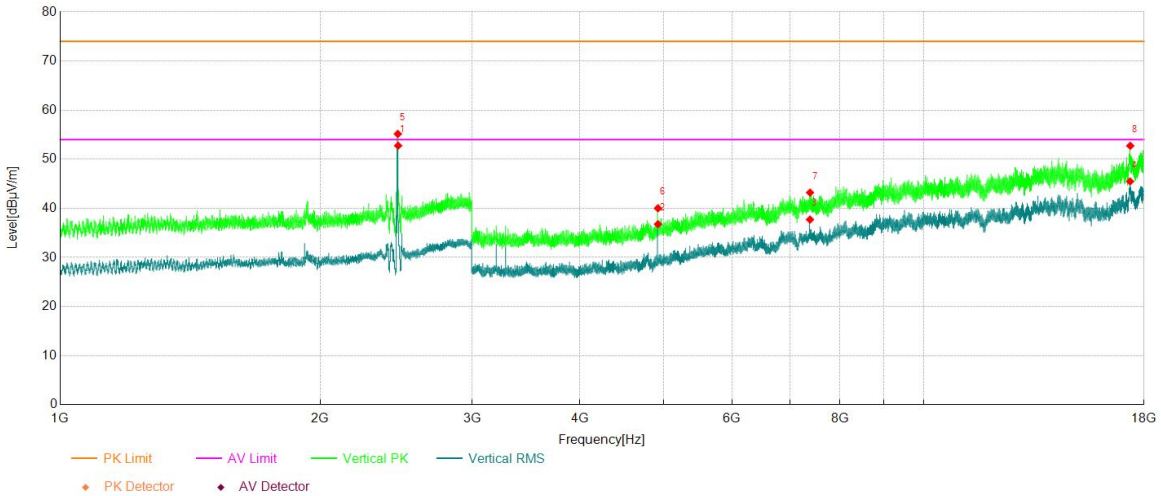
Project Information			
Mode:	802.11b	Band:	-
Bandwidth	-	Channel	11
SN:	E1Y24K13V000067	Engineer:	Ou Shuyan
Remark:	Power:17		

Test Graph



Data List

NO.	Freq. [MHz]	Reading [dBuV]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity	Verdict
1	2462.80	50.43	2.33	52.76	-	-	Vertical	NA
2	4924.50	44.54	-7.76	36.78	54.00	17.22	Vertical	PASS
3	7385.50	38.88	-1.17	37.71	54.00	16.29	Vertical	PASS
4	17341.50	33.01	12.47	45.48	54.00	8.52	Vertical	PASS
5	2461.00	52.82	2.33	55.15	-	-	Vertical	NA
6	4924.00	47.77	-7.76	40.01	74.00	33.99	Vertical	PASS
7	7386.50	44.37	-1.16	43.21	74.00	30.79	Vertical	PASS
8	17350.50	39.90	12.84	52.74	74.00	21.26	Vertical	PASS

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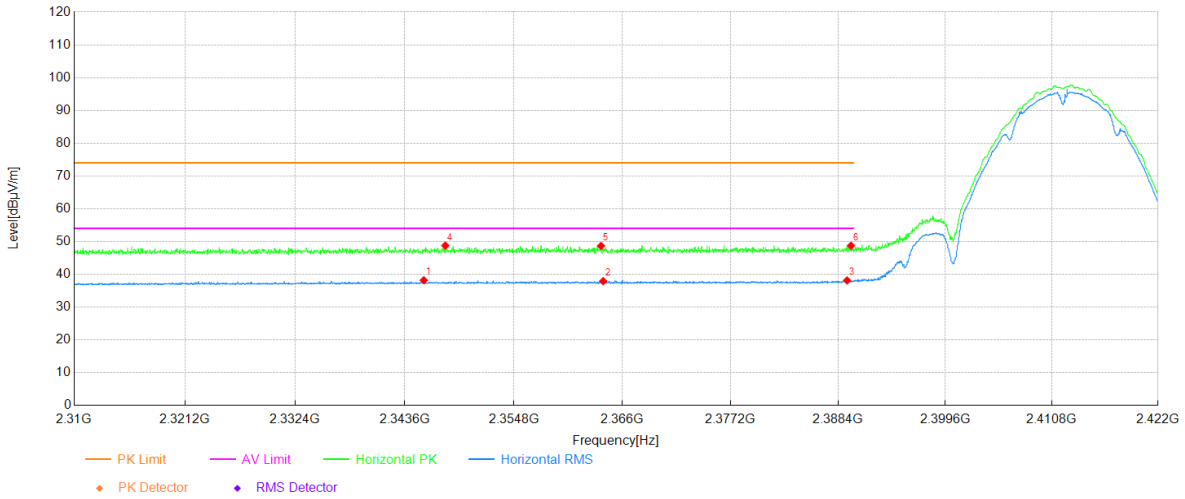
Radiated Band Edge

Test Result

Project Information			
Mode:	802.11b	Band:	-
Bandwidth	-	Channel	1
SN:	E1Y24K13V000067	Engineer:	Ou Shuyan
Remark:	powe 17		

Test Graph



Data List

NO.	Freq. [MHz]	Reading [dBuV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity	Verdict
1	2345.55	36.79	1.41	38.20	54.00	15.80	Horizontal	PASS
2	2364.00	36.48	1.44	37.92	54.00	16.08	Horizontal	PASS
3	2389.32	36.71	1.43	38.14	54.00	15.86	Horizontal	PASS
4	2347.76	47.33	1.43	48.76	74.00	25.24	Horizontal	PASS
5	2363.78	47.23	1.44	48.67	74.00	25.33	Horizontal	PASS
6	2389.73	47.30	1.43	48.73	74.00	25.27	Horizontal	PASS

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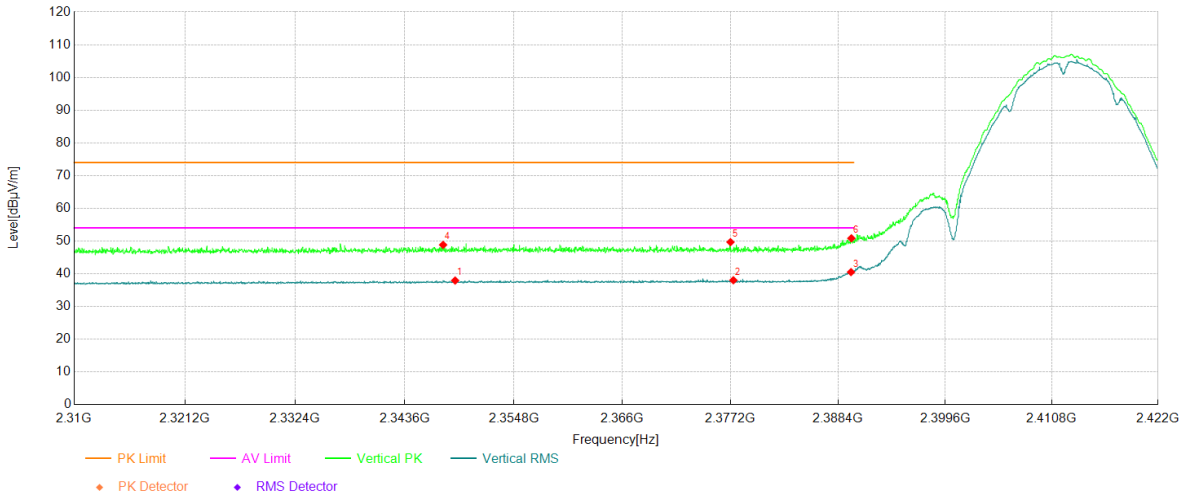
Project Information			
Mode:	802.11b	Band:	-
Bandwidth	-	Channel	1
SN:	E1Y24K13V000067	Engineer:	Ou Shuyan
Remark:	powe 17		

Test Graph



Data List

NO.	Freq. [MHz]	Reading [dBuV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity	Verdict
1	2348.76	36.49	1.44	37.93	54.00	16.07	Vertical	PASS
2	2377.48	36.59	1.43	38.02	54.00	15.98	Vertical	PASS
3	2389.73	39.08	1.43	40.51	54.00	13.49	Vertical	PASS
4	2347.53	47.40	1.43	48.83	74.00	25.17	Vertical	PASS
5	2377.19	48.25	1.43	49.68	74.00	24.32	Vertical	PASS
6	2389.77	49.41	1.43	50.84	74.00	23.16	Vertical	PASS

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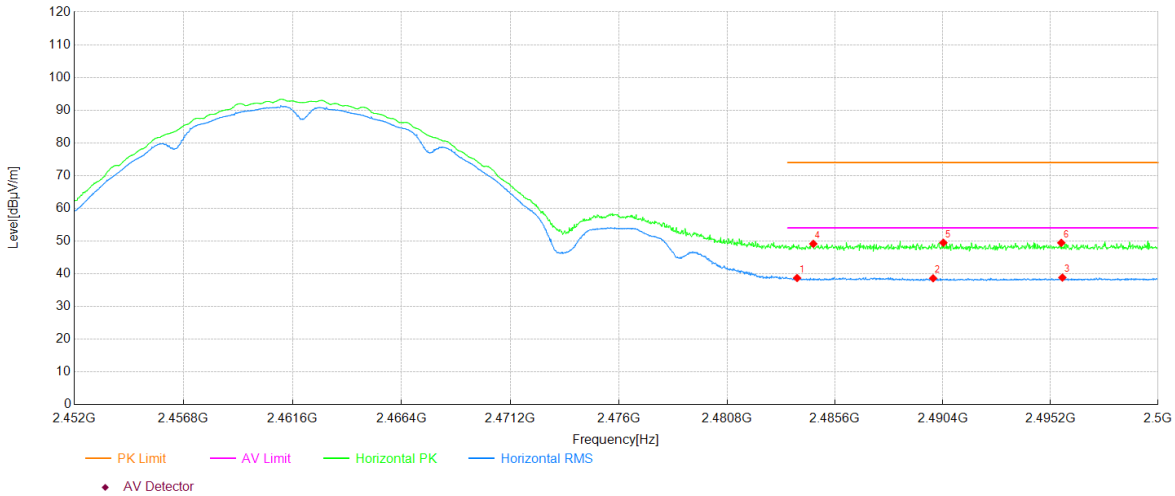
Project Information			
Mode:	802.11b	Band:	-
Bandwidth	-	Channel	11
SN:	E1Y24K13V000067	Engineer:	Ou Shuyan
Remark:	powe 17		

Test Graph



Data List

NO.	Freq. [MHz]	Reading [dBuV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity	Verdict
1	2483.91	36.83	1.87	38.70	54.00	15.30	Horizontal	PASS
2	2489.96	36.69	1.93	38.62	54.00	15.38	Horizontal	PASS
3	2495.73	36.86	1.98	38.84	54.00	15.16	Horizontal	PASS
4	2484.63	47.28	1.87	49.15	74.00	24.85	Horizontal	PASS
5	2490.42	47.55	1.93	49.48	74.00	24.52	Horizontal	PASS
6	2495.68	47.48	1.98	49.46	74.00	24.54	Horizontal	PASS

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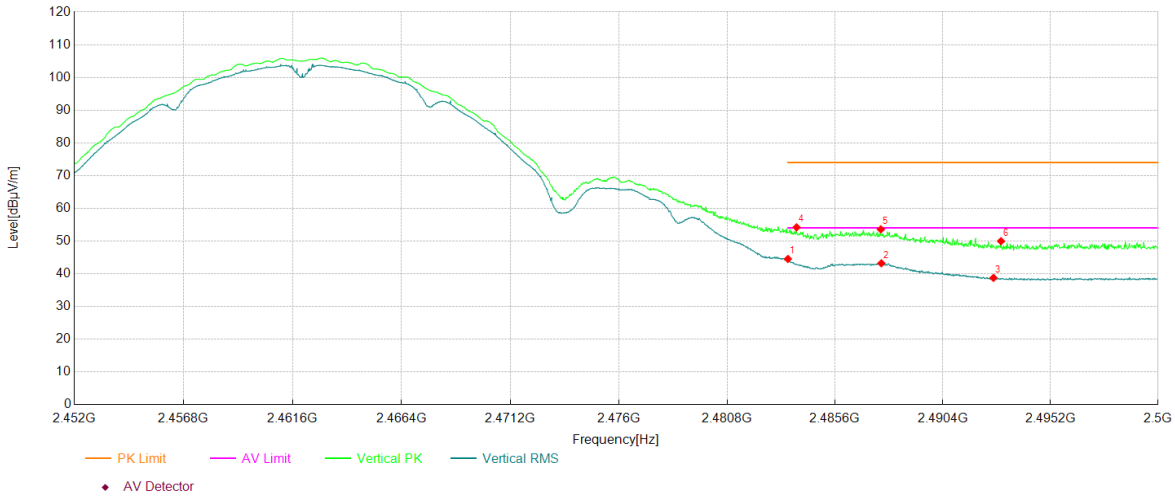
Project Information			
Mode:	802.11b	Band:	-
Bandwidth	-	Channel	11
SN:	E1Y24K13V000067	Engineer:	Ou Shuyan
Remark:	powe 17		

Test Graph



Data List

NO.	Freq. [MHz]	Reading [dBuV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity	Verdict
1	2483.50	42.68	1.85	44.53	54.00	9.47	Vertical	PASS
2	2487.66	41.31	1.90	43.21	54.00	10.79	Vertical	PASS
3	2492.65	36.80	1.95	38.75	54.00	15.25	Vertical	PASS
4	2483.89	52.32	1.87	54.19	74.00	19.81	Vertical	PASS
5	2487.63	51.68	1.90	53.58	74.00	20.42	Vertical	PASS
6	2492.99	48.01	1.96	49.97	74.00	24.03	Vertical	PASS

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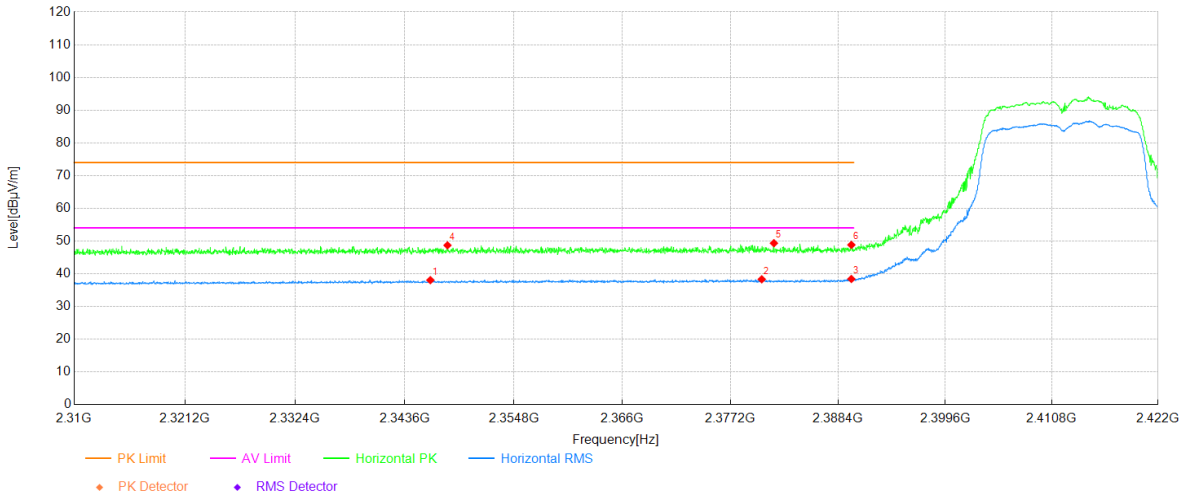
Project Information			
Mode:	802.11g	Band:	-
Bandwidth	-	Channel	1
SN:	E1Y24K13V000067	Engineer:	Ou Shuyan
Remark:	-		

Test Graph



Data List

NO.	Freq. [MHz]	Reading [dBuV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity	Verdict
1	2346.23	36.64	1.42	38.06	54.00	15.94	Horizontal	PASS
2	2380.43	36.89	1.43	38.32	54.00	15.68	Horizontal	PASS
3	2389.77	36.98	1.43	38.41	54.00	15.59	Horizontal	PASS
4	2347.98	47.27	1.43	48.70	74.00	25.30	Horizontal	PASS
5	2381.70	47.92	1.43	49.35	74.00	24.65	Horizontal	PASS
6	2389.77	47.40	1.43	48.83	74.00	25.17	Horizontal	PASS

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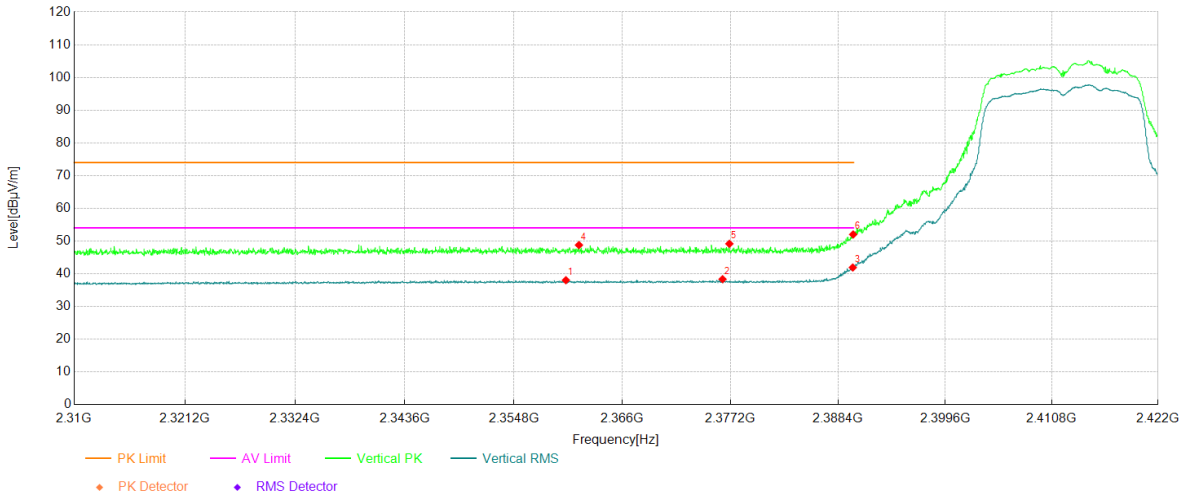
Project Information			
Mode:	802.11g	Band:	-
Bandwidth	-	Channel	1
SN:	E1Y24K13V000067	Engineer:	Ou Shuyan
Remark:	-		

Test Graph



Data List

NO.	Freq. [MHz]	Reading [dBuV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity	Verdict
1	2360.16	36.59	1.44	38.03	54.00	15.97	Vertical	PASS
2	2376.36	36.91	1.43	38.34	54.00	15.66	Vertical	PASS
3	2389.92	40.48	1.43	41.91	54.00	12.09	Vertical	PASS
4	2361.50	47.33	1.44	48.77	74.00	25.23	Vertical	PASS
5	2377.07	47.73	1.43	49.16	74.00	24.84	Vertical	PASS
6	2389.96	50.58	1.43	52.01	74.00	21.99	Vertical	PASS

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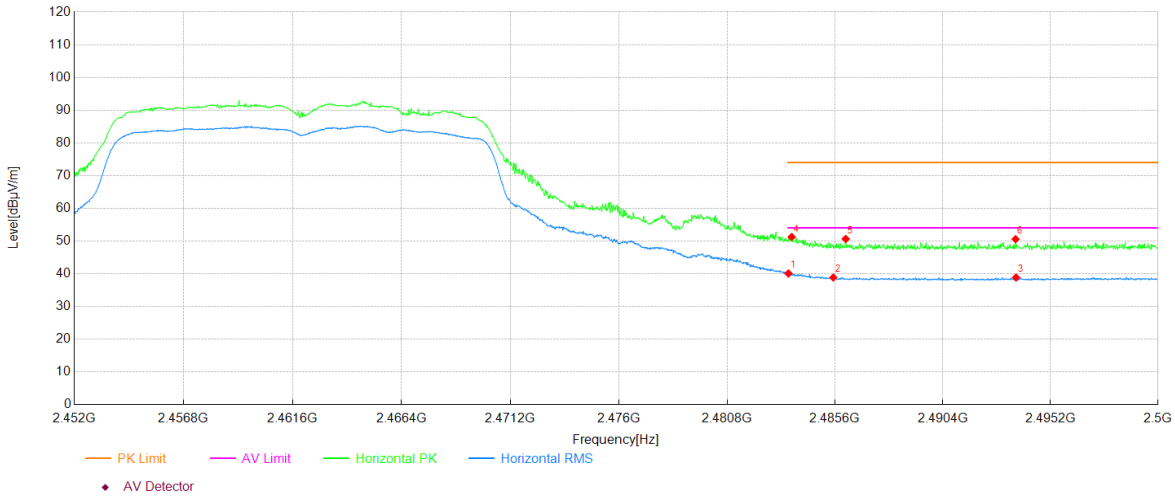
Project Information			
Mode:	802.11g	Band:	-
Bandwidth	-	Channel	11
SN:	E1Y24K13V000067	Engineer:	Ou Shuyan
Remark:	power 15		

Test Graph



Data List

NO.	Freq. [MHz]	Reading [dBuV]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity	Verdict
1	2483.53	38.23	1.85	40.08	54.00	13.92	Horizontal	PASS
2	2485.52	36.96	1.88	38.84	54.00	15.16	Horizontal	PASS
3	2493.66	36.89	1.96	38.85	54.00	15.15	Horizontal	PASS
4	2483.67	49.39	1.86	51.25	74.00	22.75	Horizontal	PASS
5	2486.07	48.77	1.88	50.65	74.00	23.35	Horizontal	PASS
6	2493.64	48.63	1.96	50.59	74.00	23.41	Horizontal	PASS

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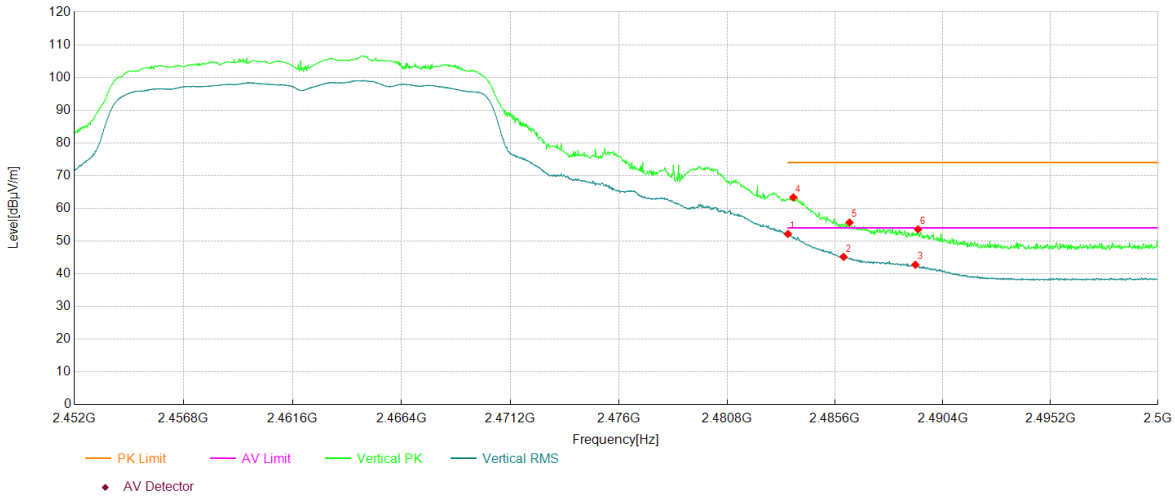
Project Information			
Mode:	802.11g	Band:	-
Bandwidth	-	Channel	11
SN:	E1Y24K13V000067	Engineer:	Ou Shuyan
Remark:	power 15		

Test Graph



Data List

NO.	Freq. [MHz]	Reading [dBuV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity	Verdict
1	2483.50	50.32	1.85	52.17	54.00	1.83	Vertical	PASS
2	2485.98	43.28	1.88	45.16	54.00	8.84	Vertical	PASS
3	2489.17	40.84	1.92	42.76	54.00	11.24	Vertical	PASS
4	2483.74	61.49	1.86	63.35	74.00	10.65	Vertical	PASS
5	2486.24	53.78	1.88	55.66	74.00	18.34	Vertical	PASS
6	2489.29	51.68	1.92	53.60	74.00	20.40	Vertical	PASS

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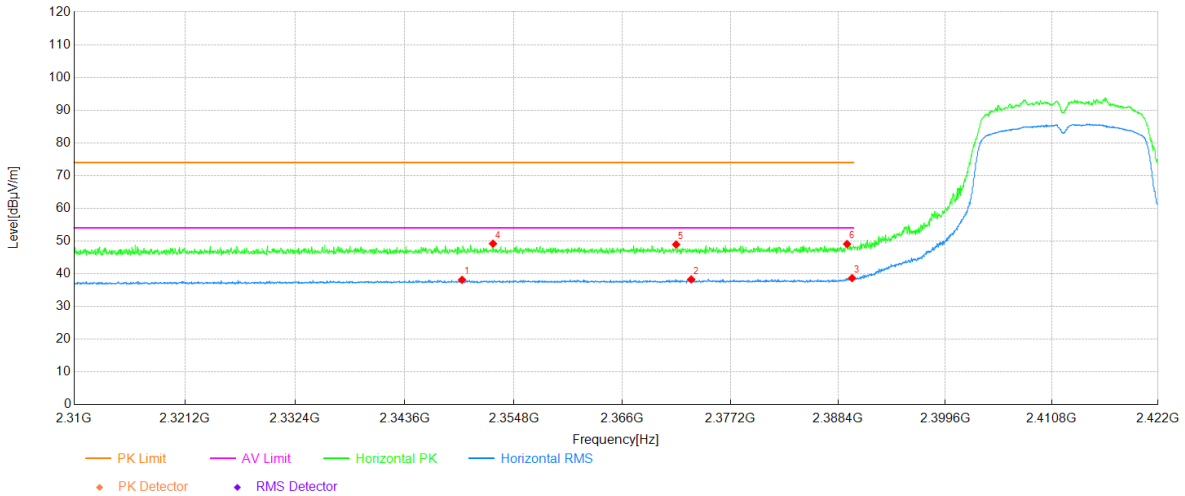
Project Information			
Mode:	802.11n20	Band:	-
Bandwidth	-	Channel	1
SN:	E1Y24K13V000067	Engineer:	Ou Shuyan
Remark:	-		

Test Graph



Data List

NO.	Freq. [MHz]	Reading [dBuV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity	Verdict
1	2349.47	36.69	1.45	38.14	54.00	15.86	Horizontal	PASS
2	2373.11	36.85	1.44	38.29	54.00	15.71	Horizontal	PASS
3	2389.85	37.24	1.43	38.67	54.00	15.33	Horizontal	PASS
4	2352.65	47.75	1.45	49.20	74.00	24.80	Horizontal	PASS
5	2371.55	47.51	1.43	48.94	74.00	25.06	Horizontal	PASS
6	2389.32	47.67	1.43	49.10	74.00	24.90	Horizontal	PASS

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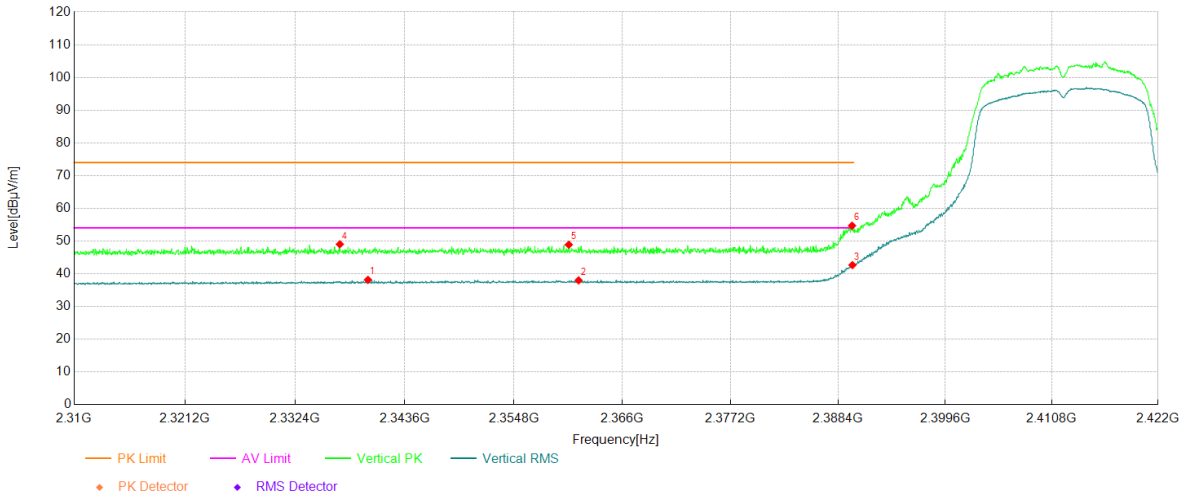
Project Information			
Mode:	802.11n20	Band:	-
Bandwidth	-	Channel	1
SN:	E1Y24K13V000067	Engineer:	Ou Shuyan
Remark:	-		

Test Graph



Data List

NO.	Freq. [MHz]	Reading [dBuV]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity	Verdict
1	2339.84	36.78	1.36	38.14	54.00	15.86	Vertical	PASS
2	2361.46	36.54	1.44	37.98	54.00	16.02	Vertical	PASS
3	2389.88	41.23	1.43	42.66	54.00	11.34	Vertical	PASS
4	2336.96	47.68	1.34	49.02	74.00	24.98	Vertical	PASS
5	2360.45	47.44	1.44	48.88	74.00	25.12	Vertical	PASS
6	2389.85	53.26	1.43	54.69	74.00	19.31	Vertical	PASS

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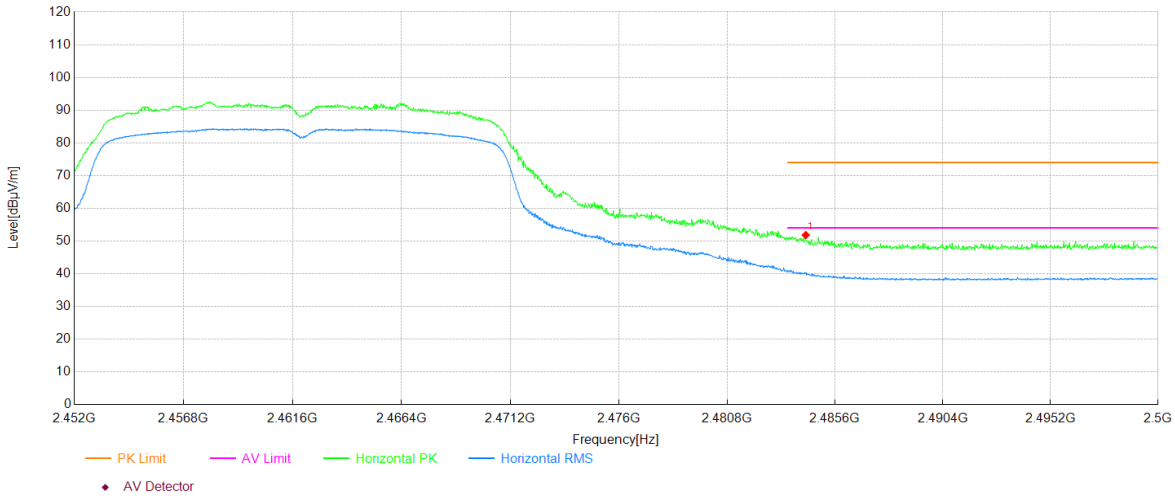
Project Information			
Mode:	802.11n20	Band:	-
Bandwidth	20MHz	Channel	11
SN:	E1Y24K13V000067	Engineer:	Ou Shuyan
Remark:	power 15		

Test Graph



Data List

NO.	Freq. [MHz]	Reading [dBuV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity	Verdict
1	2484.30	49.97	1.87	51.84	74.00	22.16	Horizontal	PASS

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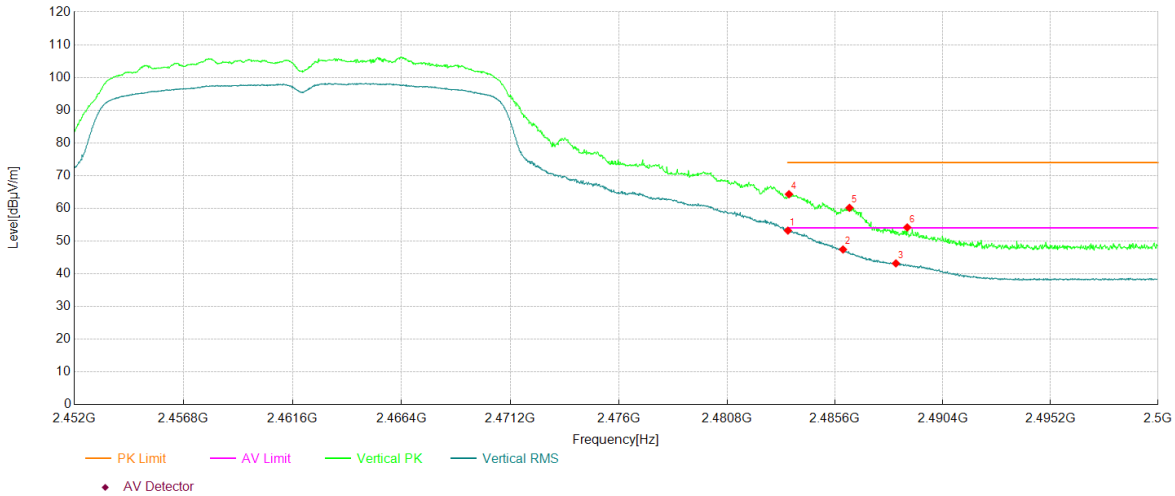
Project Information			
Mode:	802.11n20	Band:	-
Bandwidth	20MHz	Channel	11
SN:	E1Y24K13V000067	Engineer:	Ou Shuyan
Remark:	power 15		

Test Graph



Data List

NO.	Freq. [MHz]	Reading [dBuV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity	Verdict
1	2483.50	51.34	1.85	53.19	54.00	0.81	Vertical	PASS
2	2485.95	45.54	1.88	47.42	54.00	6.58	Vertical	PASS
3	2488.31	41.27	1.91	43.18	54.00	10.82	Vertical	PASS
4	2483.55	62.46	1.85	64.31	74.00	9.69	Vertical	PASS
5	2486.24	58.27	1.88	60.15	74.00	13.85	Vertical	PASS
6	2488.81	52.24	1.92	54.16	74.00	19.84	Vertical	PASS

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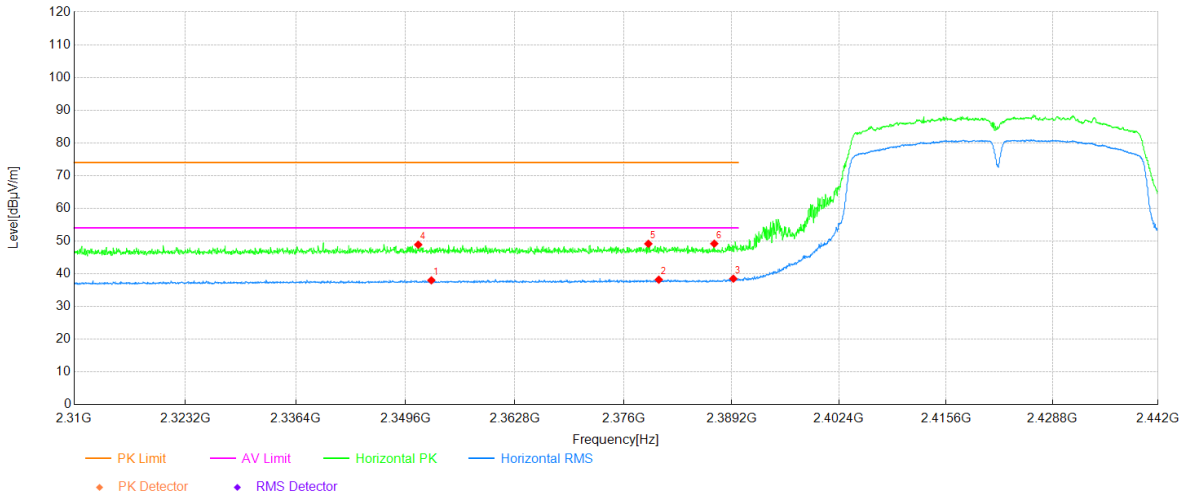
Project Information			
Mode:	802.11n40	Band:	-
Bandwidth	40MHz	Channel	3
SN:	E1Y24K13V000067	Engineer:	Ou Shuyan
Remark:	-power 13		

Test Graph



Data List

NO.	Freq. [MHz]	Reading [dBuV]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity	Verdict
1	2352.69	36.55	1.45	38.00	54.00	16.00	Horizontal	PASS
2	2380.29	36.76	1.43	38.19	54.00	15.81	Horizontal	PASS
3	2389.40	37.07	1.43	38.50	54.00	15.50	Horizontal	PASS
4	2351.11	47.44	1.45	48.89	74.00	25.11	Horizontal	PASS
5	2379.02	47.74	1.43	49.17	74.00	24.83	Horizontal	PASS
6	2387.07	47.78	1.42	49.20	74.00	24.80	Horizontal	PASS

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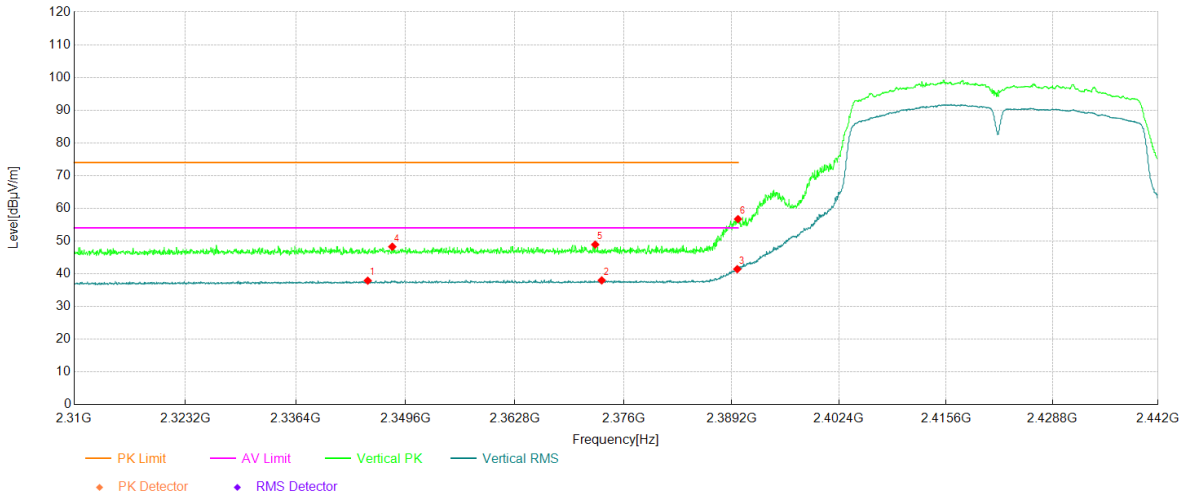
Project Information			
Mode:	802.11n40	Band:	-
Bandwidth	40MHz	Channel	3
SN:	E1Y24K13V000067	Engineer:	Ou Shuyan
Remark:	-power 13		

Test Graph



Data List

NO.	Freq. [MHz]	Reading [dBuV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity	Verdict
1	2345.04	36.49	1.41	37.90	54.00	16.10	Vertical	PASS
2	2373.34	36.54	1.44	37.98	54.00	16.02	Vertical	PASS
3	2389.89	39.99	1.43	41.42	54.00	12.58	Vertical	PASS
4	2347.98	46.84	1.43	48.27	74.00	25.73	Vertical	PASS
5	2372.54	47.48	1.44	48.92	74.00	25.08	Vertical	PASS
6	2389.97	55.28	1.43	56.71	74.00	17.29	Vertical	PASS

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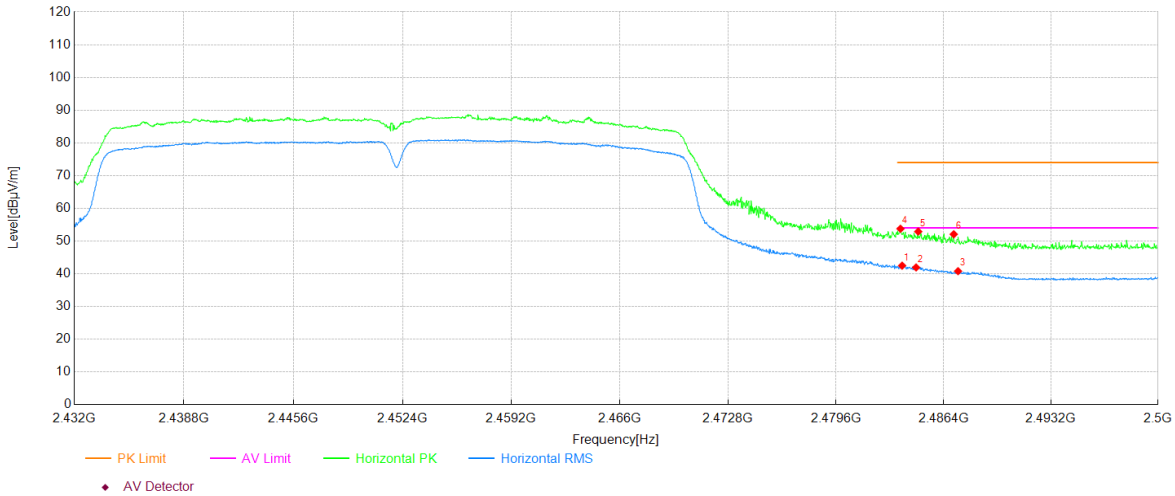
Project Information			
Mode:	802.11n40	Band:	-
Bandwidth	40MHz	Channel	9
SN:	E1Y24K13V000067	Engineer:	Ou Shuyan
Remark:	-power 13		

Test Graph



Data List

NO.	Freq. [MHz]	Reading [dBuV]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity	Verdict
1	2483.77	40.61	1.87	42.48	54.00	11.52	Horizontal	PASS
2	2484.66	40.07	1.87	41.94	54.00	12.06	Horizontal	PASS
3	2487.31	38.90	1.90	40.80	54.00	13.20	Horizontal	PASS
4	2483.67	51.90	1.86	53.76	74.00	20.24	Horizontal	PASS
5	2484.79	51.03	1.87	52.90	74.00	21.10	Horizontal	PASS
6	2487.04	50.17	1.90	52.07	74.00	21.93	Horizontal	PASS

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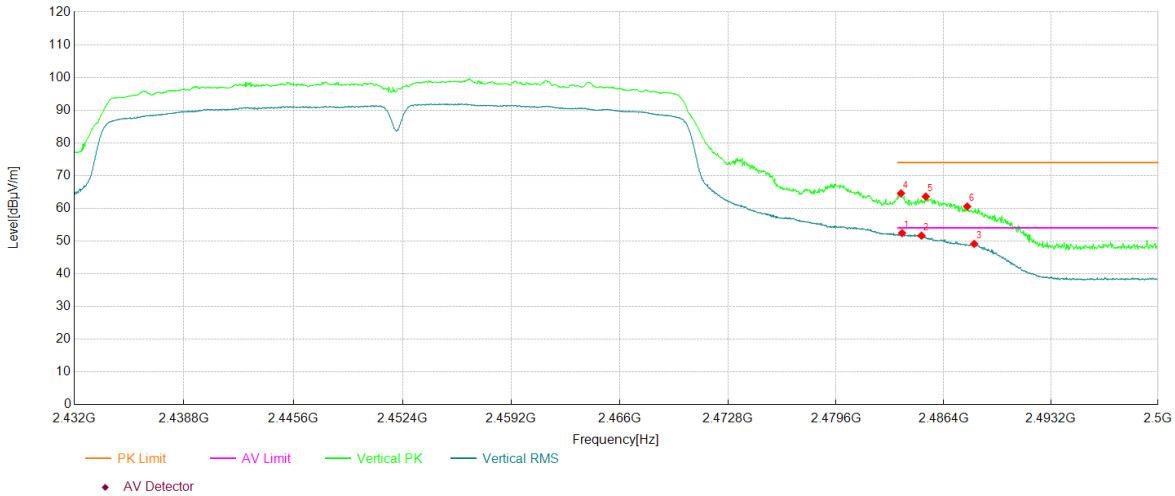
Project Information			
Mode:	802.11n40	Band:	-
Bandwidth	40MHz	Channel	9
SN:	E1Y24K13V000067	Engineer:	Ou Shuyan
Remark:	-power 13		

Test Graph



Data List

NO.	Freq. [MHz]	Reading [dBuV]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity	Verdict
1	2483.77	50.58	1.87	52.45	54.00	1.55	Vertical	PASS
2	2485.00	49.79	1.87	51.66	54.00	2.34	Vertical	PASS
3	2488.33	47.23	1.91	49.14	54.00	4.86	Vertical	PASS
4	2483.71	62.71	1.86	64.57	74.00	9.43	Vertical	PASS
5	2485.27	61.71	1.88	63.59	74.00	10.41	Vertical	PASS
6	2487.89	58.66	1.90	60.56	74.00	13.44	Vertical	PASS

~The End~

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