

Radio Testing of the
Covidien
McGrath Mac+ Connected Relay
Model: 302-100-000

In accordance with Radio Ordinance of MPT No.
37, 1981 Article 2 Paragraph 1 Item (19) and ARIB
STD-T66 V3.8

Covidien
5920 Longbow Dr
Boulder, CO 80301 USA



America

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Date: July 2025
Document Number: 721004549K Issue 03 |

RESPONSIBLE FOR	NAME	DATE	SIGNATURE
Authorized Signatory	Ferdinand S. Custodio	February 26, 2026	

Signatures in this approval box have checked this document in line with the requirements of TÜV SÜD document control rules.

EXECUTIVE SUMMARY

The EUT in general was confirmed to be in compliance with Radio Ordinance of MPT No. 37, 1981 Article 2 Paragraph 1 Item (19) and ARIB STD-T66 V3.8.



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TÜV SÜD America, Inc.
10040 Mesa Rim Road
San Diego, CA 92121-2912

TÜV SÜD America, Inc.
Rancho Bernardo Facility
16936 Via Del Campo
San Diego, CA 92127

Phone: 858 678 1400
www.tuv-sud-america.com



REPORT ON Radio Testing of the
Covidien
McGrath Mac+ Connected Relay
Model: 302-100-000

TEST REPORT NUMBER 721004549K

TEST REPORT DATE July 2025

PREPARED FOR Covidien
5920 Longbow Dr
Boulder, CO 80301 USA

CONTACT PERSON Natalie Jagelski
Systems Engineer
natalie.jagelski@medtronic.com
+1 (303) 530-2300

A handwritten signature in black ink, appearing to read 'Joe Salvador'.

PREPARED BY Joe Salvador

Name
Authorized Signatory
Title: Wireless Test Engineer

A handwritten signature in blue ink, appearing to read 'Ferdinand S. Custodio'.

APPROVED BY Ferdinand S. Custodio

Name
Authorized Signatory
Title: Senior EMC Test Engineer / Wireless Team Lead

DATED February 26, 2026

Revision History

721004549K Covidien Model: 302-100-000					
DATE	OLD REVISION	NEW REVISION	REASON	PAGES AFFECTED	APPROVED BY
06/27/25	—	Initial Release	—	—	Ferdinand S. Custodio
07/17/25	Initial Release	Issue 02	Corrections made per draft report review document Module ARIB STD T66 Comments_15 JULY 2025.docx	Pg 07,09,11, 22,29	Ferdinand S. Custodio
02/26/26	Issue 02	Issue 03	- Updated to STD-T66 V.38 - HW/SW added to section 1.3.2 - Unit updated to dBm/MHz, mW/MHz sections 2.1.8 & 2.2.8	Pg 01, 09,15,23	Ferdinand S. Custodio

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SECTION 1

REPORT SUMMARY

Radio Testing of the
Covidien
McGrath Mac+ Connected Relay
Model:302-100-000

1.1 INTRODUCTION

The information contained in this report is intended to show verification of the McGrath Mac+ Connected Relay Number: 302-100-000 to the requirements of Radio Ordinance of MPT No. 37, 1981 Article 2 Paragraph 1 Item (19) and ARIB STD-T66 V3.8 with Japan Radio Law, Article 38.

Objective	To perform Radio Testing to determine the Equipment Under Test's (EUT's) compliance with the Test Specification, for the series of tests carried out.
Manufacturer	Covidien
EUT	McGrath Mac+ Connected Relay
Model Number	302-100-000
Serial Number(s)	N/A
Number of Samples Tested	1
Test Specification/Issue/Date	• Radio Ordinance of MPT No. 37, 1981 Article 2 Paragraph 1 Item (19), "Ministry of Internal Affairs and Communications Notification Article 88 Appendix 43" • ARIB STD-T66 V3.8 Second Generation Low Power Data Communication System/Wireless Lan System ARIB Standard (October 2, 2014 revised). • ARIB RCR STD-38 Radiofrequency-Exposure Protection Version 3.0 July 30, 2019.
Start of Test	April 14, 2025
Finish of Test	April 16, 2025
Name of Engineer(s)	Ferdinand Custodio
Related Document(s)	• Telec-T401. Technical Regulations Conformity Certification Of Specified Radio Equipment. Characteristic Test Method For Radio Equipment Used For 2.4 GHz Band Wide-Band Low Power Data Communications System (Radio Station Using 2400 To 2483.5 MHz). • TUV New Brighton RF Test Plan - 9 FEB 2025 • 240919_2.4GHz Test Method with antenna terminals_item 19.pdf

1.2 BRIEF SUMMARY OF RESULTS

A brief summary of the tests carried out in accordance with Radio Ordinance of MPT No. 37, 1981 Article 2 Paragraph 1 Item (19) and ARIB STD-T66 V3.8 are shown below to be in compliance with Japan Radio Law, Article 38. The McGRATH MAC+ Connected Relay (Relay) was not tested. The test results are leveraged from the ARIB STD-T66 V3.8 Laryngoscope test report (721004549J), since both devices utilize the same WLAN radio:

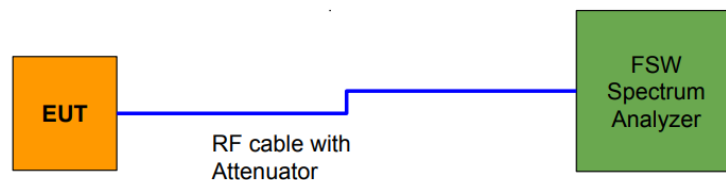
Section	Spec Clause	Mode	Test Description	Result	Comments/Base Standard
2.1	3.2(2)	All	Antenna Power	Compliant	N/A
2.2	3.2(3)	All	Allowable Deviation in Antenna Power	Compliant	N/A
2.3	3.2(4)	All	Allowable Deviation in Frequency	Compliant	N/A
2.4	3.2(6)	All	Permissible Value of Spurious or Unnecessary Intensity	Compliant	N/A
2.5	3.2(7)	All	Permissible Value of Occupied Frequency Bandwidth	Compliant	N/A
2.5	3.2(8)	All	Spread Bandwidth	Compliant	N/A
2.6	3.2(9)	All	Spread Factor	Compliant	N/A
2.7	3.3 (1)	All	Limit on Secondary Radiation	Compliant	N/A
2.8	3.6 (2)	All	Antenna Gain	Compliant	N/A
2.9	3.4 (1)	All	Interference Prevention Function	Compliant	N/A

Test Note: All tests were performed at rated voltage only (4.2V). When the input voltage to receiver RF circuit varies below $\pm 1\%$ as the input voltage from the external power supply to the receiver varies $\pm 10\%$ (excluding power supply), tests can be performed only at rated voltage.

1.3 PRODUCT INFORMATION

1.3.1 Technical Description

The Equipment Under Test (EUT) is a McGRATH MAC+ Connected Relay (Relay). The Relay is IT equipment which enables connectivity features on the McGRATH MAC+ Connected Video Laryngoscope (laryngoscope). The laryngoscope will wirelessly upload still image and video files to Relays within the use environment to be offloaded to a personal computer (PC) after a laryngoscopy. The Relay can also be connected to a compatible display to stream a laryngoscopy procedure for additional clinicians in the use environment to see.



Test System Overview



EUT



1.3.2 EUT General Description

EUT Description	McGrath Mac+ Connected Relay
Model Number	302-100-000
Software Version	DC00164043 Rev D
Hardware Version	Cosmo, Module, Assembly, PCB, Mainboard (Contains Wi-Fi Components) PT00145610 Rev B
Rated Voltage	4.2 V
Rated RF Power	2.4 mW/MHz
Mode Verified	802.11b (1M) 802.11g (6M) 802.11n (MCS0)
Capability	802.11b/g/n 2.4GHz
Primary Unit (EUT)	☐ Production ☒ Pre-Production ☐ Engineering (same as Production)
Manufacturer Declared Temperature Range	0°C to 40°C
Antenna Type	Multilayer Antenna for 2400-2484MHz, chip antenna
Antenna Manufacturer	TDK
Antenna Model	ANT016008LCS2442MA1
Maximum Antenna Gain	+1.6 dBi
RF Frequency Range	2412 – 2462MHz
Number of RF Channels	40 Channels
Data Rates	802.11b: 1Mbps, 2Mbps, 5.5Mbps and 11Mbps 802.11g: 6Mbps, 9Mbps, 12Mbps, 18Mbps, 24Mbps, 36Mbps, 48Mbps and 54Mbps 802.11n: MCS0, MCS1, MCS2, MCS3, MCS4, MCS5, MCS6 and MCS7

1.3.3 Antenna Power

WLAN	Frequency Range (MHz)	Antenna Power (dBm/MHz)	Output Power (mW/MHz)
	2412-2462	3.72	2.36

1.4 EUT TEST CONFIGURATION

1.4.1 Test Configuration Description

Test Configuration	Description
Default	The EUT is in test mode configuration. A conducted sample (temporary antenna port with SMA connector) is provided with a UART to USB adaptor and cable. The manufacturer provided detailed instructions on how to program (set channel, data rate, modes, etc.) the EUT via Tera term. The McGRATH MAC+ Connected Relay (Relay) was not tested. The test results from the Laryngoscope were leveraged for the purpose of this report.

1.4.2 EUT Exercise Software

The manufacturer provided detailed instructions on how to program (set channel, data rate, modes, etc.) the EUT via Tera term.

1.4.3 Support Equipment and I/O cables

Manufacturer	Equipment/Cable	Description
Generic	UART to USB cable	UART to USB cable
Lenovo	Support Laptop	Model 20JS0004US S/N PC-0KP3YL 17/03
Lenovo	AC Adapter	Model: ADLX90NLC2A



1.4.4 Simplified Test Configuration Diagram

Not applicable. EUT verified on a standalone configuration.

1.5 DEVIATIONS FROM THE STANDARD

No deviations from the applicable test standards or test plan were made during testing.

1.6 MODIFICATION RECORD

Description of Modification	Modification Fitted By	Date Modification Fitted
Serial Number: No modifications		
N/A	-	-

The table above details modifications made to the EUT during the test programme. The modifications incorporated during each test (if relevant) are recorded on the appropriate test pages.

1.7 TEST METHODOLOGY

All measurements contained in this report were conducted with ARIB STD-T66 V3.8 Second Generation Low Power Data Communication System/Wireless LAN System ARIB Standard (October 2, 2014 revised) and Telec-T401. Technical Regulations Conformity Certification of Specified Radio Equipment. Characteristic Test Method For Radio Equipment Used For 2.4 GHz Band Wide-Band Low Power Data Communications System (Radio Station Using 2400 To 2483.5 MHz).

For conducted and radiated emissions (if applicable) the equipment under test (EUT) was configured to measure its highest possible emission level. This level was based on the maximized cable configuration from exploratory testing per ANSI C63.10-2013. The test modes were adapted according to the Operating Instructions provided by the manufacturer/client.

1.8 TEST FACILITY LOCATION

1.8.1 TÜV SÜD America Inc. (Mira Mesa)

10040 Mesa Rim Road, San Diego, CA 92121-2912 (32.901268,-117.177681). Phone: (858) 678-1400 FAX: (858) 546-0364

1.8.2 TÜV SÜD America Inc. (Rancho Bernardo)

16936 Via Del Campo, San Diego, CA 92127-1708 (33.018644,-117.092409). Phone: (858) 678-1400 FAX: (858) 546-0364.



1.9 TEST FACILITY REGISTRATION

1.9.1 FCC – Designation No.: US1146

TÜV SÜD America Inc. (San Diego), is an accredited test facility with the site description report on file and has met all the requirements specified in §2.948 of the FCC rules. The acceptance letter from the FCC is maintained in our files and the Designation is US1146.

1.9.2 Innovation, Science and Economic Development Canada (ISED) Registration No.: 3067A-1 & 22806-1

The 10m Semi-anechoic chamber of TÜV SÜD America Inc. (San Diego Rancho Bernardo) has been registered by Certification and Engineering Bureau of Innovation, Science and Economic Development Canada for radio equipment testing with Registration No. 3067A-1.

The 3m Semi-anechoic chamber of TÜV SÜD America Inc. (San Diego Mira Mesa) has been registered by Certification and Engineering Bureau of Innovation, Science and Economic Development Canada for radio equipment testing with Registration No. 22806-1.

1.9.3 BSMI – Laboratory Code: SL2-IN-E-028R (US0102)

TÜV Product Service Inc. (San Diego) is a recognized EMC testing laboratory by the BSMI under the MRA (Mutual Recognition Arrangement) with the United States. Accreditation includes CNS 13438 up to 6GHz.

1.9.4 NCC (National Communications Commission - US0102)

TÜV SÜD America Inc. (San Diego) is listed as a Foreign Recognized Telecommunication Equipment Testing Laboratory and is accredited to ISO/IEC 17025 (A2LA Certificate No.2955.13) which under APEC TEL MRA Phase 1 was designated as a Conformity Assessment Body competent to perform testing of equipment subject to the Technical Regulations covered under its scope of accreditation including RTTE01, PLMN01 and PLMN08 for TTE type of testing and LP0002 for Low-Power RF Device type of testing.

1.9.5 VCCI – Registration No. A-0412 and A-0413

TÜV SÜD America Inc. (San Diego) is a VCCI registered measurement facility which includes radiated field strength measurement, radiated field strength measurement above 1GHz, mains port interference measurement and telecommunication port interference measurement.

1.9.6 RRA – Identification No. US0102

TÜV SÜD America Inc. (San Diego) is National Radio Research Agency (RRA) recognized laboratory under Phase I of the APEC Tel MRA.

1.9.7 OFCA – U.S. Identification No. US0102

TÜV SÜD America Inc. (San Diego) is recognized by Office of the Communications Authority (OFCA) under Appendix B, Phase I of the APEC Tel MRA.



SECTION 2

TEST DETAILS

Radio Testing of the
Covidien
McGrath Mac+ Connected Relay
Model: 302-100-000

2.1 ANTENNA POWER

2.1.1 Specification Reference

Radio Ordinance of MPT No. 37, 1981 Article 2 Paragraph 1 Item (19) and ARIB STD-T66 V3.8 Section 3.2(2)

2.1.2 Standard Applicable

- (a) Given a receiving device that uses a spread spectrum system that is a FH system, a hybrid of a DS system and a FH system, or a hybrid of a FH system and an OFDM system, and uses a frequency band that ranges from above or equal to 2,427MHz and below or equal to 2,470.75MHz, then if the antenna power of the receiving device is modulated by a standard encoding test signal of the same transmission rate as the modulation signal, the mean power for a bandwidth of 1MHz is at most 3mW.
- (b) Given a transmission device that uses a spread spectrum system other than the types listed in (a), if the antenna power of the receiving device is modulated by a standard encoding test signal of the same transmission rate as the modulation signal, the mean power for a bandwidth of 1MHz is at most 10mW.
- (c) Given a transmission device that uses an OFDM system, if the antenna power of the receiving device is modulated by a standard encoding test signal of the same transmission rate as the modulation signal, the mean power for a bandwidth of 1MHz is one of the following:
 - (1) If the transmission device occupies a frequency bandwidth of at most 26MHz, that it be at most 10mW.
 - (2) If the transmission device occupies a frequency bandwidth of over 26MHz but at most 38MHz, that it be at most 5mW.
- (d) For transmission devices that do not fall under the categories indicated by (a), (b), or (c), the antenna power must be at most 10mW under the same circumstances.

2.1.3 Equipment Under Test and Modification State

Serial No: N/A/ Default Test Configuration

2.1.4 Date of Test/Initial of test personnel who performed the test

April 14, 2025 / JS

2.1.5 Test Equipment Used

The major items of test equipment used for the above tests are identified in Section 3.1.

2.1.6 Environmental Conditions (Mira Mesa Facility)

Ambient Temperature	25.0 °C
Relative Humidity	48.0 %
ATM Pressure	99.9 kPa

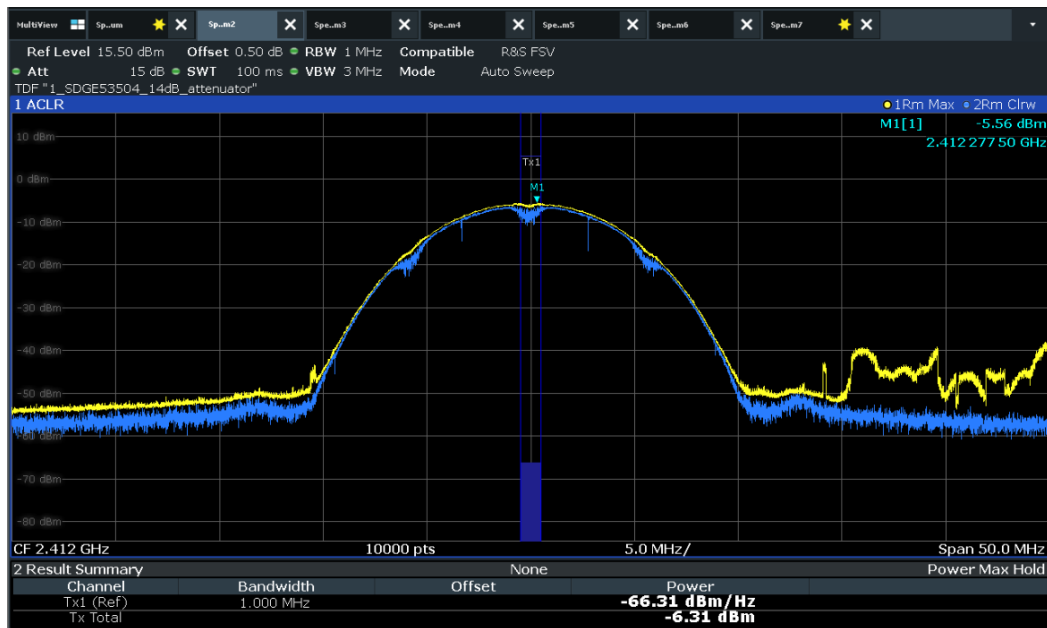
2.1.7 Additional Observations

- This is a conducted test through the EUT antenna port.
- Test performed on Low, Mid and High channels on 802.11b 1Mbps, 802.11g 6Mbps and 802.11n MCS0 worst case channels only.
- This is a conducted test using direct connection to the TS8997 Test System.
- The manufacturer declared only ch5 (2432 MHz) is utilized.
- The McGRATH MAC+ Connected Relay (Relay) was not tested. The test results are leveraged from the ARIB STD-T66 V3.8 Laryngoscope test report (721004549J), since both devices utilize the same WLAN radio.

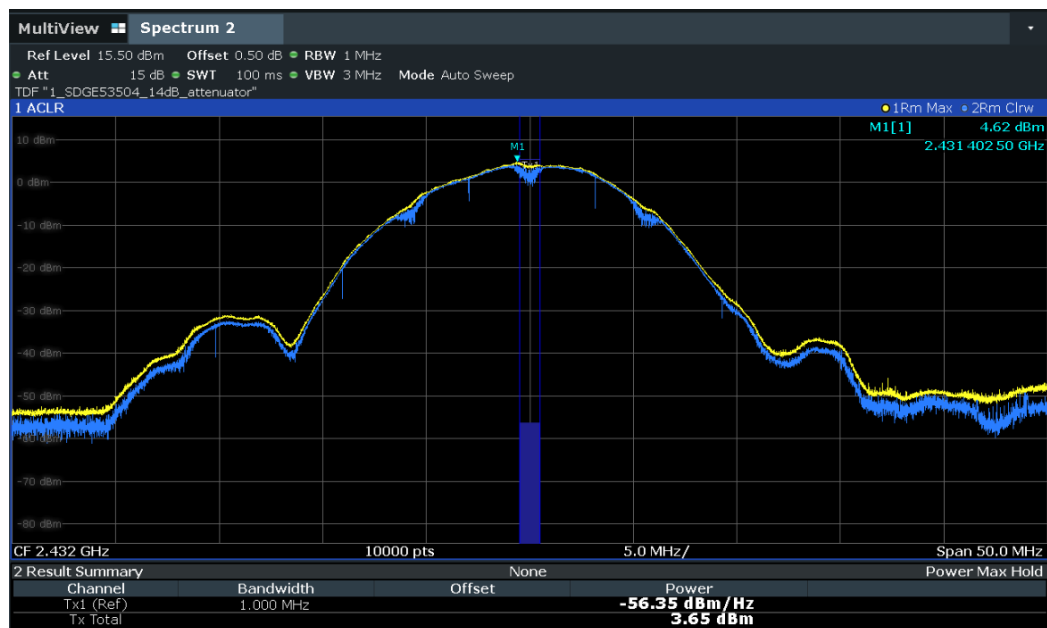
2.1.8 Test Results

Physical Layer	Channels	Mean Antenna Power (dBm/MHz)	Mean Antenna Power (mW/MHz)	Limit (mW/MHz)
802.11b 1Mbps	Low Channel (2412 MHz)	-6.31	0.23	10
	Mid Channel (2432 MHz)	3.65	2.32	
	High Channel (2462 MHz)	-4.07	0.39	
802.11g 6Mbps	Low Channel (2412 MHz)	-7.67	0.17	10
	Mid Channel (2432 MHz)	0.72	1.18	
	High Channel (2462 MHz)	-5.44	0.29	
802.11n MCS0	Low Channel (2412 MHz)	-7.64	0.17	10
	Mid Channel (2432 MHz)	0.26	1.06	
	High Channel (2462 MHz)	-5.21	0.30	
Limit is 10 mW/MHz – EUT complies				

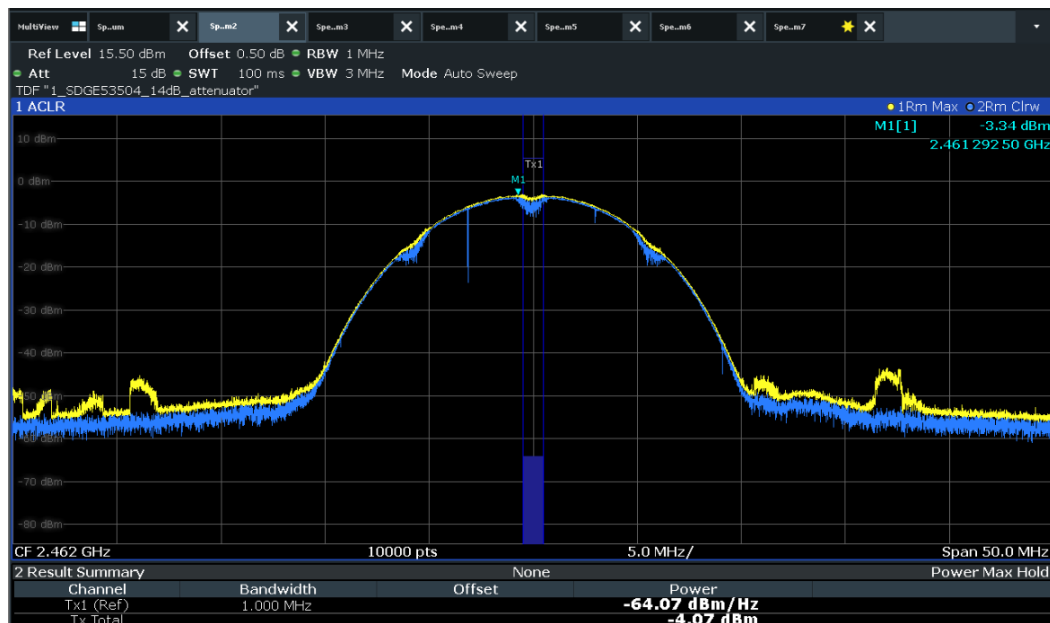
2.1.9 Test Plots



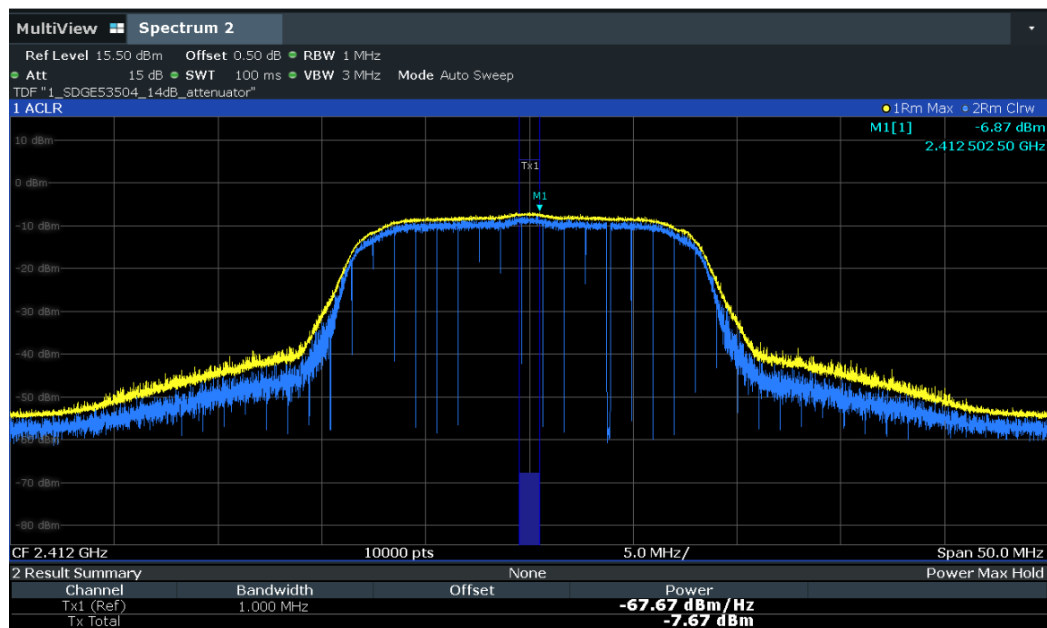
802.11b Low Channel 2412 MHz 1Mbps



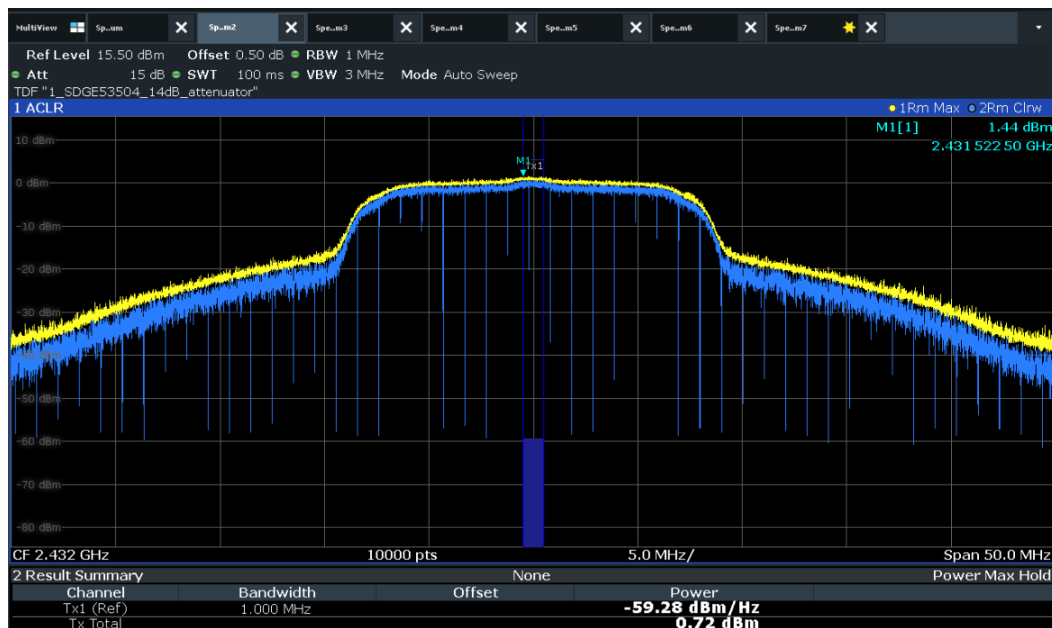
802.11b Mid Channel 2432 MHz 1Mbps



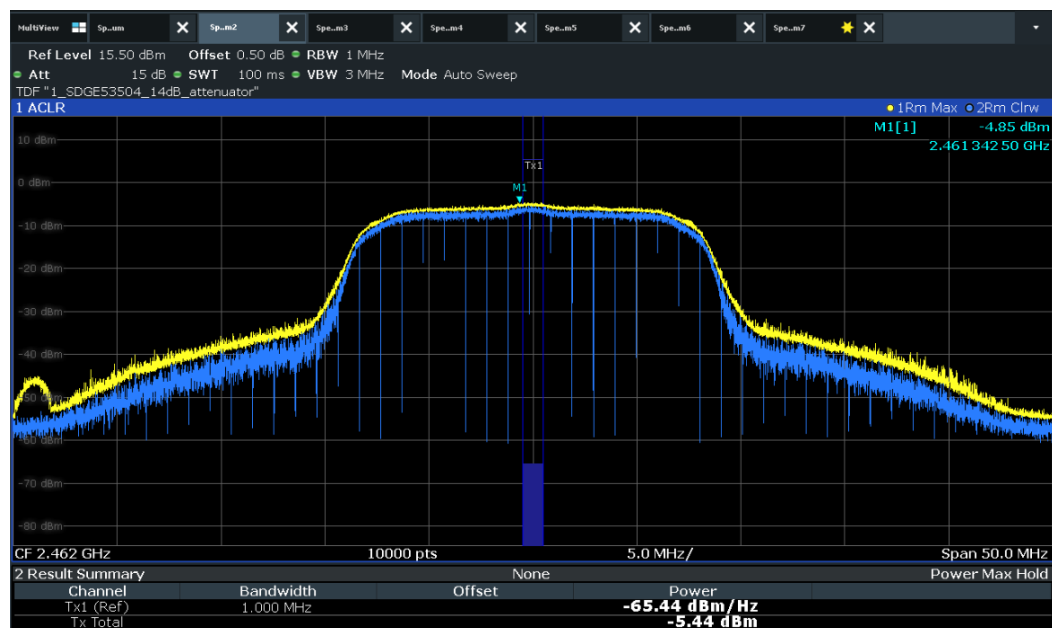
802.11b High Channel 2462 MHz 1Mbps



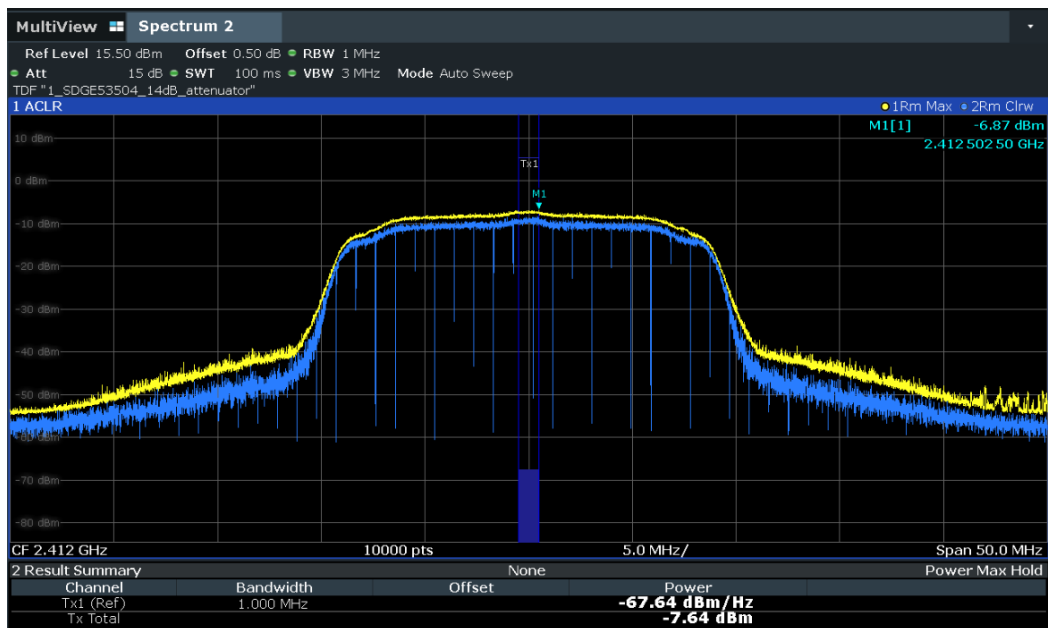
802.11g Low Channel 2412 MHz 6Mbps



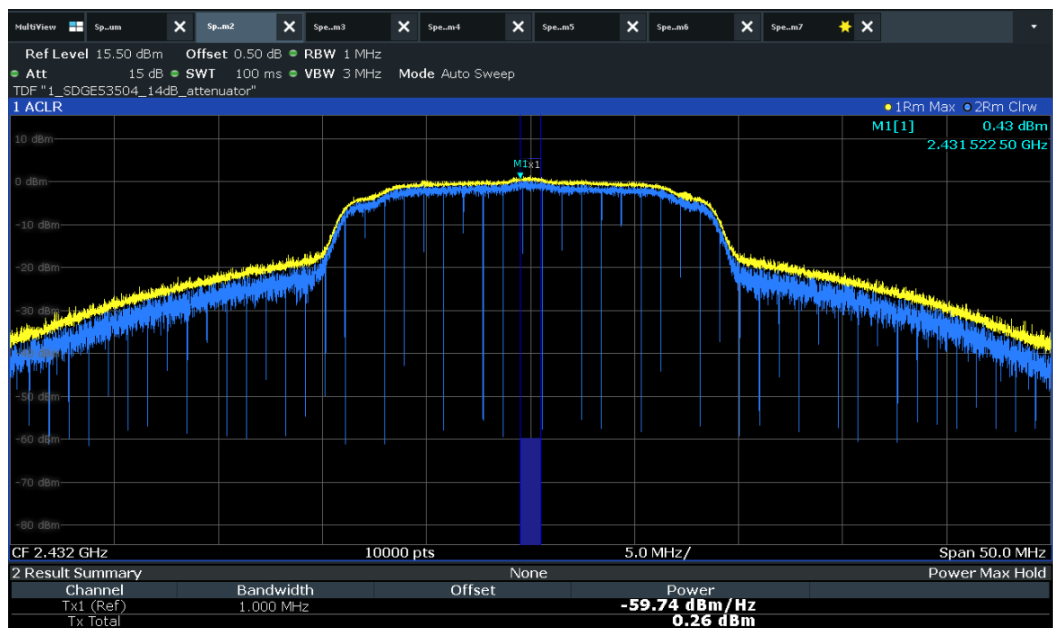
802.11g Mid Channel 2432 MHz 6Mbps



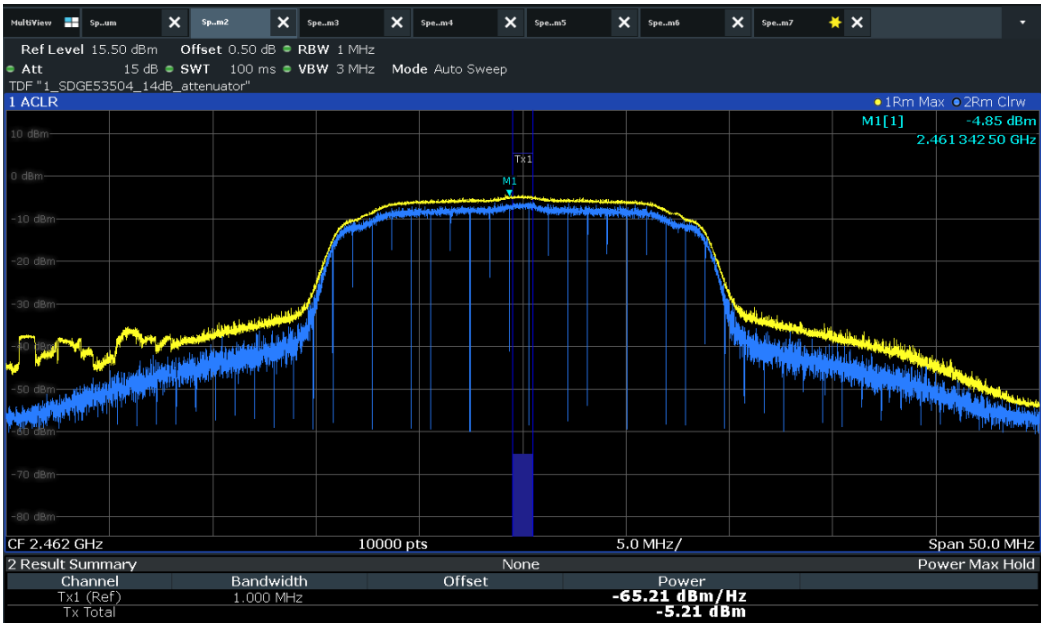
802.11g High Channel 2462 MHz 6Mbps



802.11n Low Channel 2412 MHz MCS0



802.11n Mid Channel 2432 MHz MCS0



802.11n High Channel 2462 MHz MCS0

2.1.10 Test Setup Photo



Test Note: The picture above shows the Laryngoscope only. The test results are leveraged from the ARIB STD-T66 V3.8 Laryngoscope test report (721004549J), since both the Relay and Laryngoscope devices utilize the same WLAN radio.



2.2 ALLOWABLE DEVIATIONS IN ANTENNA POWER

2.2.1 Specification Reference

Radio Ordinance of MPT No. 37, 1981 Article 2 Paragraph 1 Item (19) and ARIB STD-T66 V3.8 Section 3.2(3)

2.2.2 Standard Applicable

The upper and lower allowable deviations in antenna power are 20% and -80%, respectively. However, these limits are for maximum rate antenna power. If the antenna power is reduced for communication reasons, there are no regulated upper or lower allowable deviations

2.2.3 Equipment Under Test and Modification State

Serial No: N/A/ Default Test Configuration

2.2.4 Date of Test/Initial of test personnel who performed the test

April 14, 2025 / JS

2.2.5 Test Equipment Used

The major items of test equipment used for the above tests are identified in Section 3.1.

2.2.6 Environmental Conditions (Mira Mesa Facility)

Ambient Temperature	25.0 °C
Relative Humidity	48.0 %
ATM Pressure	99.9 kPa

2.2.7 Additional Observations

- The manufacturer declared only ch5 (2432 MHz) is utilized.
- See Section 2.1 for power measurements.
- The McGRATH MAC+ Connected Relay (Relay) was not tested. The test results are leveraged from the ARIB STD-T66 V3.8 Laryngoscope test report (721004549J), since both devices utilize the same WLAN radio.

2.2.8 Test Results

802.11b 1Mbps

Measurement Frequency		2432MHz	Rated Power	Result	Limit
RF Output Power	mW/MHz	2.317394	2.4	PASS	10mW/ MHz or Below
RF Output Power Tolerance	%	-3.441917			+20 to -80%

802.11g 6Mbps

Measurement Frequency		2432MHz	Rated Power	Result	Limit
RF Output Power	mW/MHz	1.180321	2.4	PASS	10mW/ MHz or Below
RF Output Power Tolerance	%	-49.986398			+20 to -80%

802.11n MCS0

Measurement Frequency		2432MHz	Rated Power	Result	Limit
RF Output Power	mW/MHz	1.061700	2.4	PASS	10mW/ MHz or Below
RF Output Power Tolerance	%	-55.012712			+20 to -80%

2.3 ALLOWABLE DEVIATIONS IN FREQUENCY

2.3.1 Specification Reference

Radio Ordinance of MPT No. 37, 1981 Article 2 Paragraph 1 Item (19) and ARIB STD-T66 V3.8 Section 3.2(4)

2.3.2 Standard Applicable

Deviations must be within $\pm 50 \times 10^{-6}$.

2.3.3 Equipment Under Test and Modification State

Serial No: N/A/ Default Test Configuration

2.3.4 Date of Test/Initial of test personnel who performed the test

April 15, 2025 / JS

2.3.5 Test Equipment Used

The major items of test equipment used for the above tests are identified in Section 3.1.

2.3.6 Environmental Conditions (Mira Mesa Facility)

Ambient Temperature	25.0 °C
Relative Humidity	48.0 %
ATM Pressure	99.9 kPa

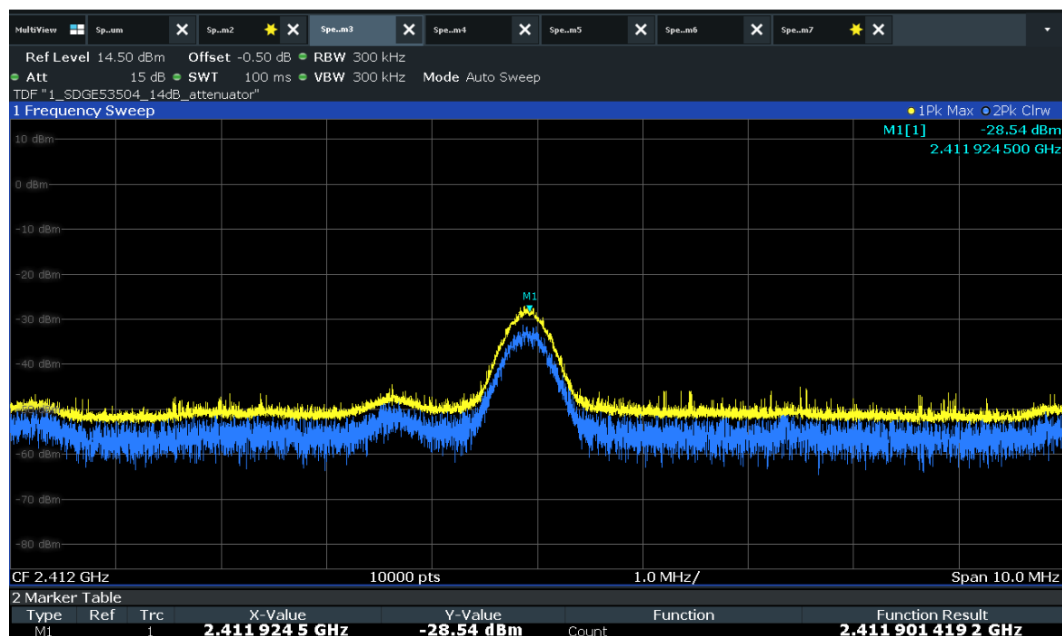
2.3.7 Additional Observations

- CW mode is used for this test.
- The Signal Count function of the Spectrum Analyzer is used for measurement.
- Test setup photo is identical to Section 2.1.10 of this test report.
- The manufacturer declared only ch5 (2432 MHz) is utilized.
- Frequency PPM Calculator : <https://www.sitime.com/ppm-hz-calculator> used as reference for calculations.
- The McGRATH MAC+ Connected Relay (Relay) was not tested. The test results are leveraged from the ARIB STD-T66 V3.8 Laryngoscope test report (721004549J), since both devices utilize the same WLAN radio.

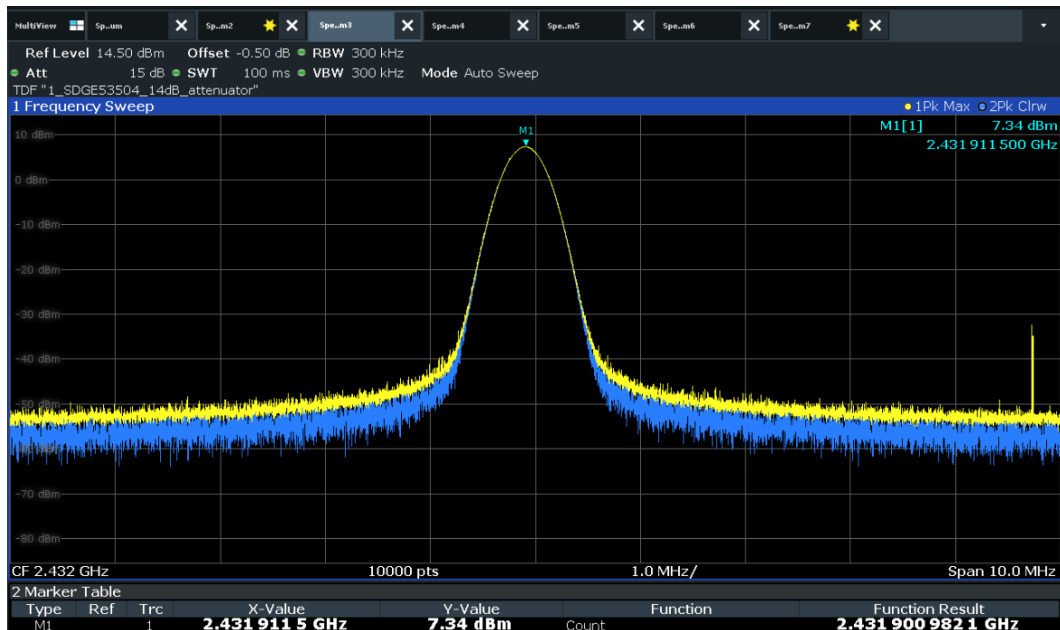
2.3.8 Test Results

Channel	Max Frequency Deviation (kHz)	Frequency Error (ppm)	Limit (ppm)
Low (2412 MHz)	75.500	31.30	±50
Mid (2432 MHz)	88.500	36.39	±50
High (2462 MHz)	113.500	46.10	±50
EUT Complies with 50ppm requirement			

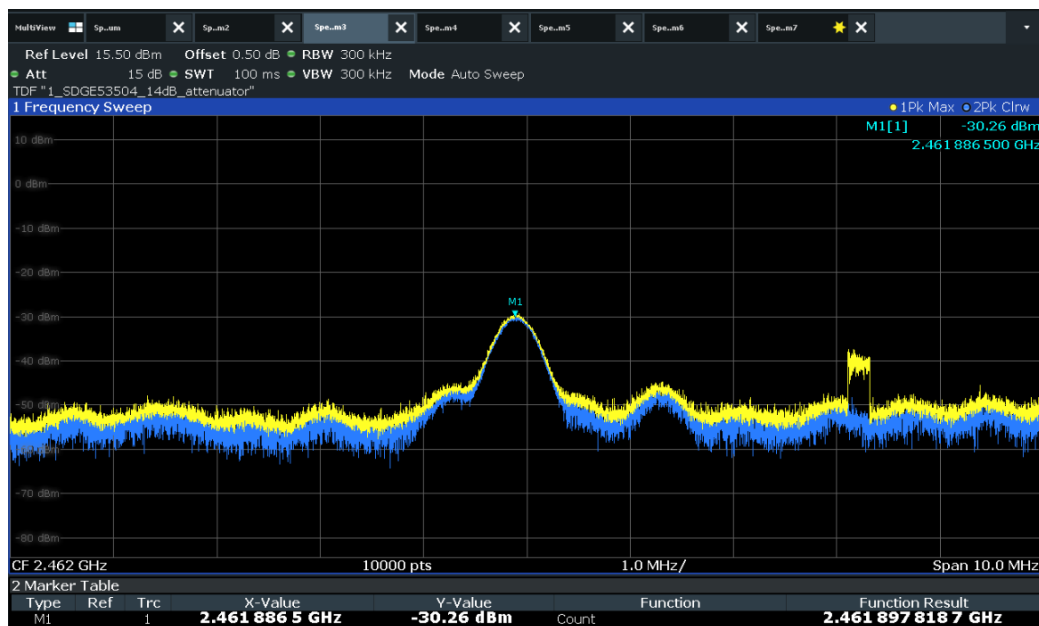
2.3.9 Test Plots



Low Channel 2412 MHz



Mid Channel 2432 MHz



High Channel 2462 MHz

2.4 PERMISSIBLE VALUE OF SPURIOUS OR UNNECESSARY INTENSITY

2.4.1 Specification Reference

Radio Ordinance of MPT No. 37, 1981 Article 2 Paragraph 1 Item (19) and ARIB STD-T66 V3.8 Section 3.2(6)

2.4.2 Standard Applicable

(a) Permissible value applicable starting December 1, 2005 (RE Article 7, Attached table No.3)
The permissible value of unnecessary radiation power is the mean power of unnecessary radiation per frequency supplied to a feeder during modulation, and is regulated as follows:

Frequency band	Permissible value of unnecessary radiation power
Below 2,387MHz or above 2,496.5MHz	Mean power for an arbitrary 1MHz bandwidth is at most 2.5μW
Above or equal to 2,387MHz and below 2,400MHz, or above 2,483.5MHz and below or equal to 2,496.5MHz	Mean power for an arbitrary 1MHz bandwidth is at most 25μW

However, there are transitional measures due to RE Supplementary Provisions (Ordinance from the Ministry of Internal Affairs and Communications, No. 119, August 9, 2005.)

(b) Permissible value based on Radio Equipment Regulations before November 30, 2005

(6) Spurious radiation intensity (RE Article 7) Mean power of spurious radiation per frequency supplied to a feeder is calculated as the mean power of spurious radiation in a 1 MHz bandwidth at a frequency f outside of the frequency band used. The permissible value of this mean power is as follows: (a) $2,387\text{MHz} \leq f < 2,400\text{MHz}$ and $2,483.5\text{MHz} < f \leq 2,496.5\text{MHz}$ at most 25μW (b) $2,387\text{MHz} > f$ and $2,496.5\text{MHz} < f$ at most 2.5μW (ARIB STD-T66 version 2.2)

2.4.3 Equipment Under Test and Modification State

Serial No: N/A/ Default Test Configuration

2.4.4 Date of Test/Initial of test personnel who performed the test

April 15, 2025 / JS

2.4.5 Test Equipment Used

The major items of test equipment used for the above tests are identified in Section 3.1.



2.4.6 Environmental Conditions (Mira Mesa Facility)

Ambient Temperature	25.0 °C
Relative Humidity	48.0 %
ATM Pressure	99.9 kPa

2.4.7 Additional Observations

- This is a conducted test.
- All attenuations (SMA pigtail and cable used) were pre-programmed into the test template as TDF (transducer factor).
- The limit was first converted to dBm.
- Spurious emission mask was drawn based on the limit.
- RBW and VBW were set to 1MHz.
- Detector is Peak (worst case).
- Trace is Max Hold
- The manufacturer declared only ch5 (2432 MHz) is utilized.
- Test setup photo is identical to Section 2.1.10 of this test report.
- The McGRATH MAC+ Connected Relay (Relay) was not tested. The test results are leveraged from the ARIB STD-T66 V3.8 Laryngoscope test report (721004549J), since both devices utilize the same WLAN radio.

2.4.8 Test Results**802.11b 1Mbps**

Measurement Frequency			2412 MHz	2432 MHz	2462 MHz	Result	Limit
Unwanted Spurious Emissions Strength	30 to 2387MHz	uW/ MHz	0.233884	0.247742	0.297852	PASS	2.5µW / MHz Or Below
		MHz	457.832	546.735	481.771	-	-
	2387 to 2400MHz	uW/ MHz	0.174985	0.114288	0.140605	PASS	25µW / MHz Or Below
		MHz	2399.279	2395.235	2399.199	-	-
	2483.5 to 2496.5MHz	uW/ MHz	0.135831	0.116681	0.128529	PASS	25µW / MHz Or Below
		MHz	2488.127	2486.682	2486.984	-	-
	2496.5 to 12500MHz	uW/ MHz	0.296483	0.394457	0.244906	PASS	2.5µW / MHz Or Below
		MHz	6809.730	4864.050	7991.520	-	-

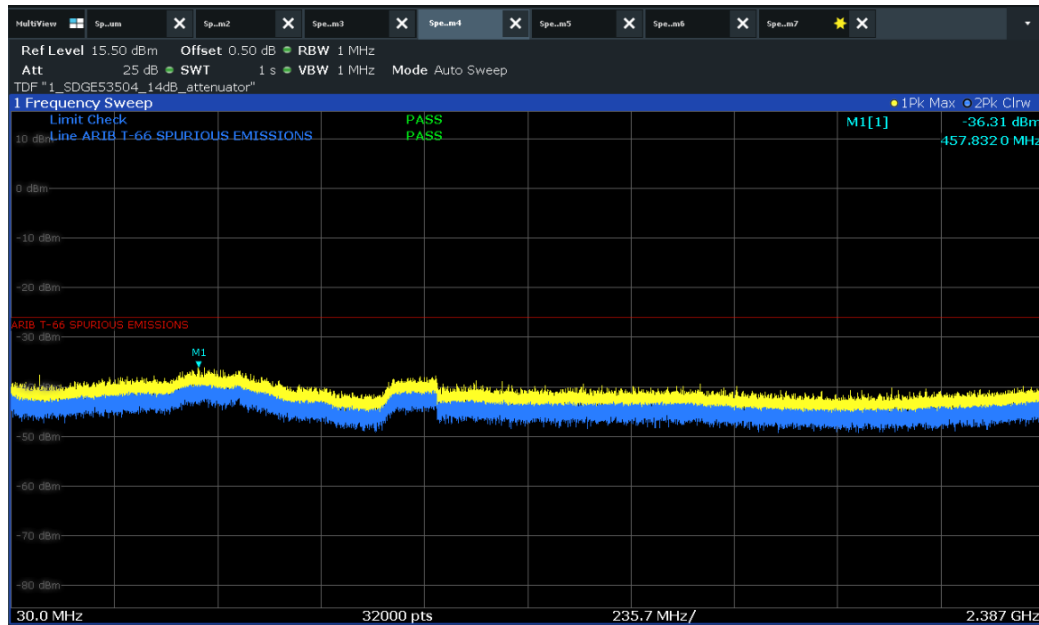
802.11g 6Mbps

Measurement Frequency			2412 MHz	2432 MHz	2462 MHz	Result	Limit
Unwanted Spurious Emissions Strength	30 to 2387MHz	uW/ MHz	0.282488	0.305492	0.274157	PASS	2.5µW / MHz Or Below
		MHz	486.043	449.141	445.237	-	-
	2387 to 2400MHz	uW/ MHz	1.828100	2.398833	0.127057	PASS	25µW / MHz Or Below
		MHz	2399.961	2399.954	2399.442	-	-
	2483.5 to 2496.5MHz	uW/ MHz	0.133352	0.130617	0.226464	PASS	25µW / MHz Or Below
		MHz	2487.968	2495.259	2484.608	-	-
	2496.5 to 12500MHz	uW/ MHz	0.191867	0.243781	0.227510	PASS	2.5µW / MHz Or Below
		MHz	7951.060	4865.610	7802.260	-	-

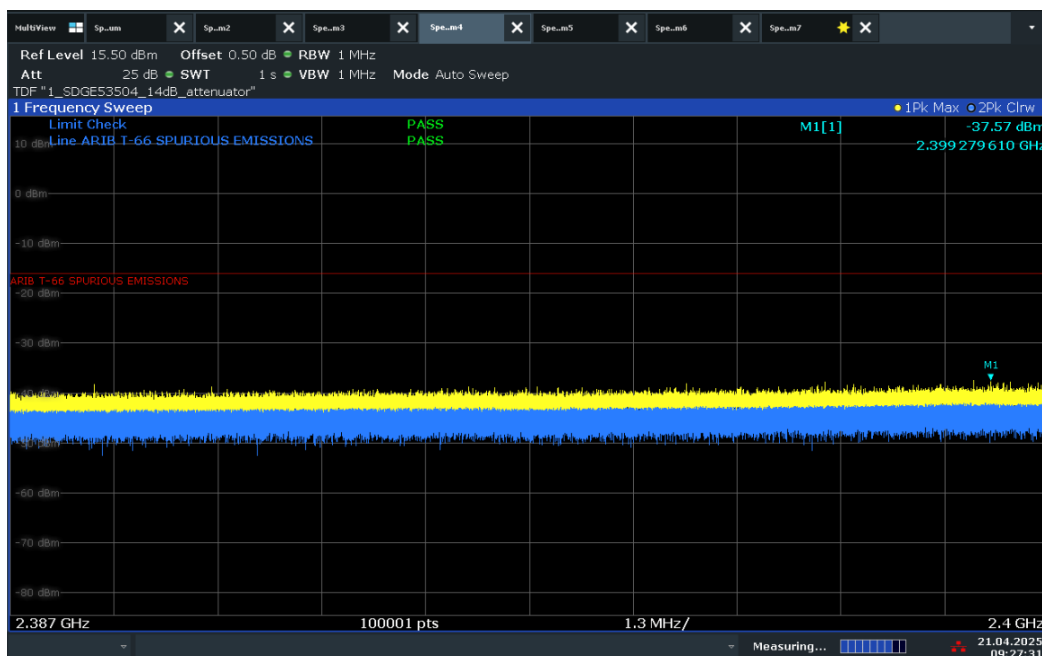
802.11n MCS0

Measurement Frequency			2412 MHz	2432 MHz	2462 MHz	Result	Limit
Unwanted Spurious Emissions Strength	30 to 2387MHz	uW/ MHz	0.267917	0.271019	0.270396	PASS	2.5μW / MHz Or Below
		MHz	543.053	450.540	430.506	-	-
	2387 to 2400MHz	uW/ MHz	1.321296	3.451437	0.137088	PASS	25μW / MHz Or Below
		MHz	2399.736	2399.253	2399.664	-	-
	2483.5 to 2496.5MHz	uW/ MHz	0.112980	0.128233	0.574116	PASS	25μW / MHz Or Below
		MHz	2494.276	2486.911	2483.619	-	-
	2496.5 to 12500MHz	uW/ MHz	0.206063	0.242103	0.197697	PASS	2.5μW / MHz Or Below
		MHz	7986.700	4862.170	7996.080	-	-

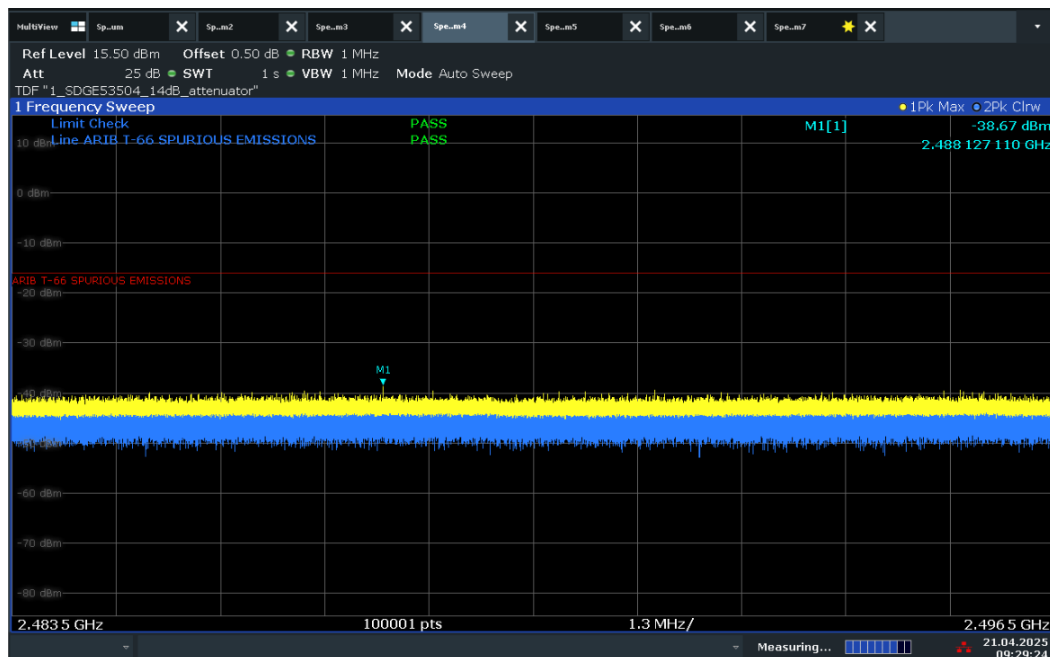
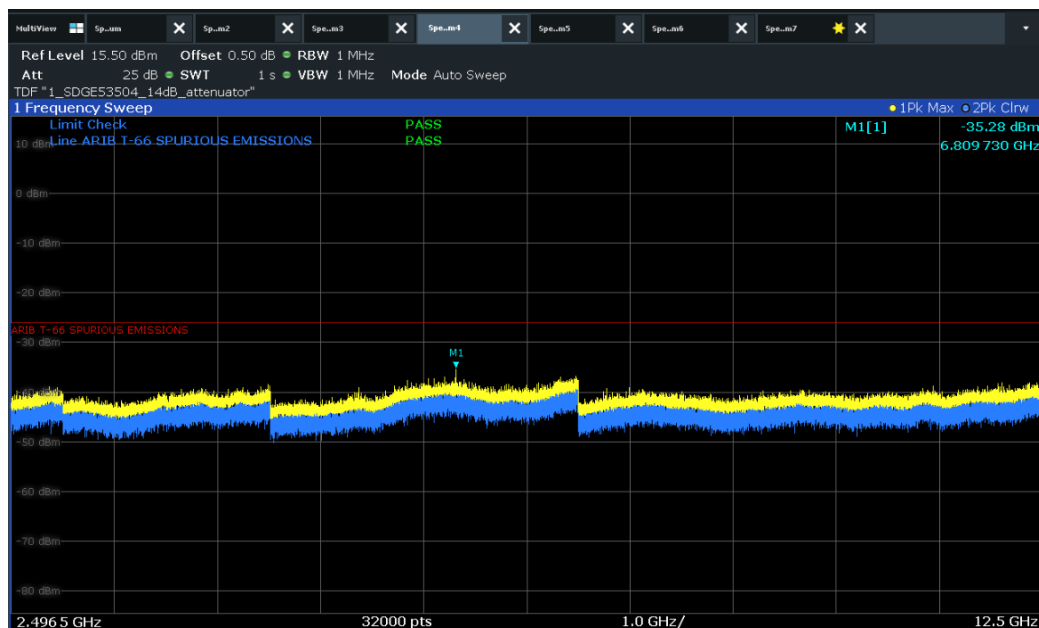
2.4.9 Test Plots

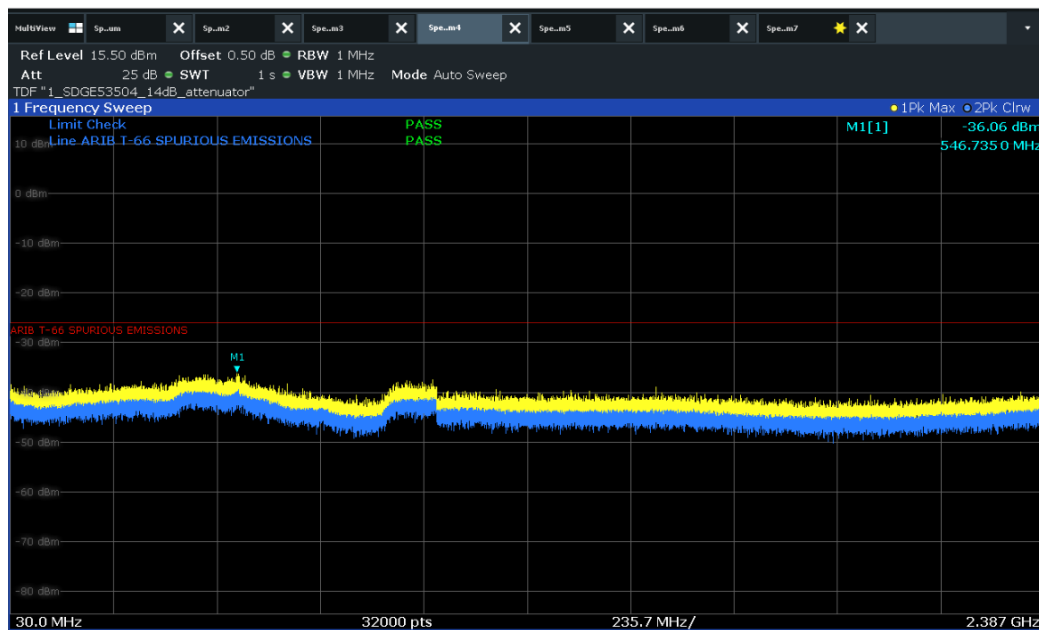


802.11b Low Channel (2412 MHz) 30MHz to 2387MHz 1Mbps

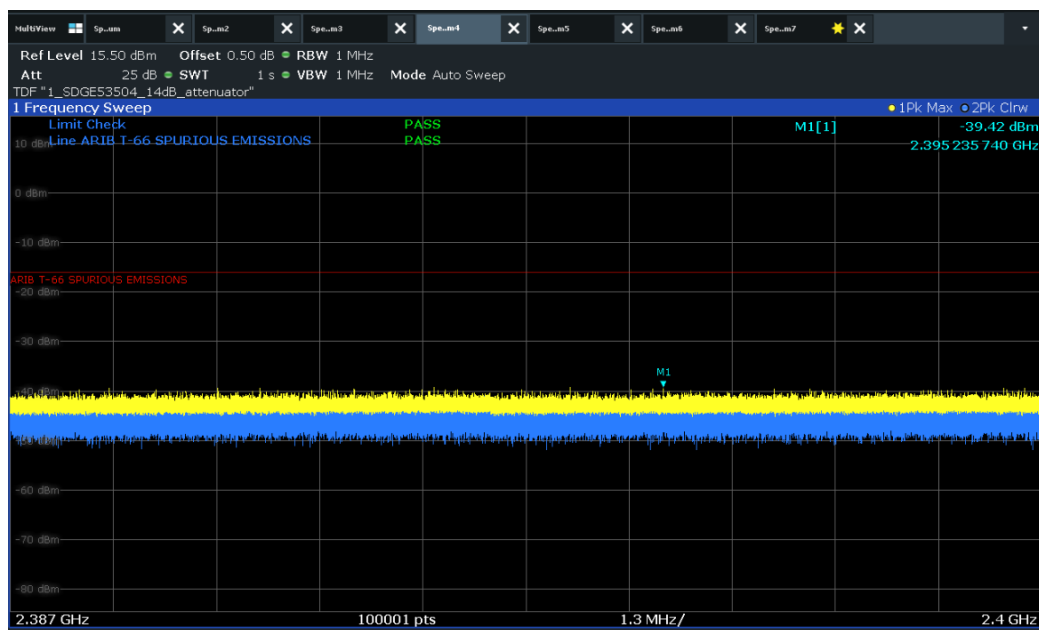


802.11b Low Channel (2412 MHz) 2387MHz to 2400MHz 1Mbps

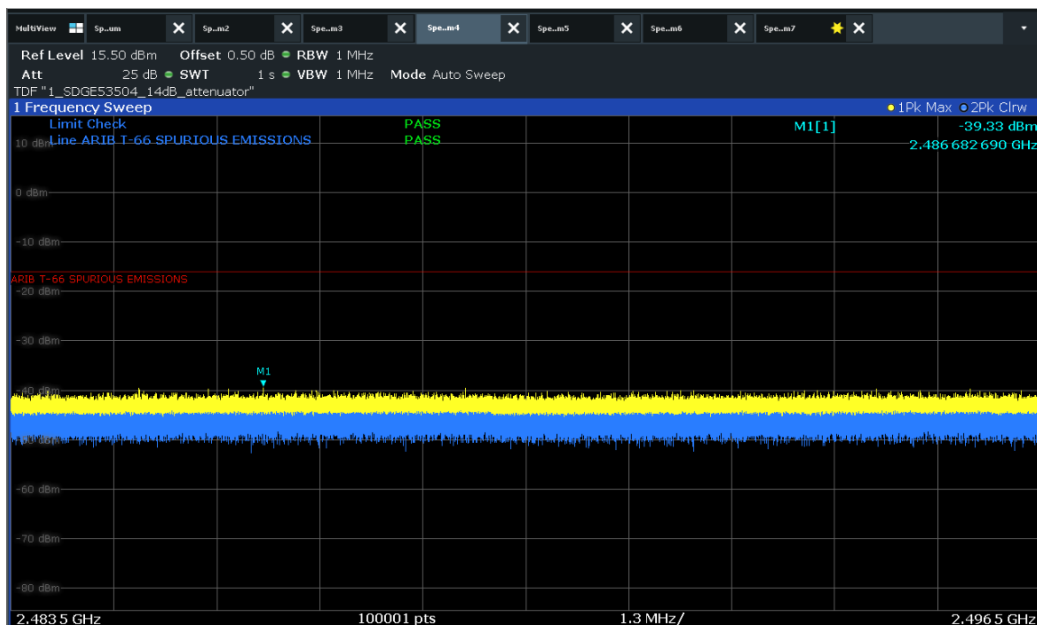
**802.11b Low Channel (2412 MHz) 2483.5MHz to 2496.5MHz 1Mbps****802.11b Low Channel (2412 MHz) 2496.5MHz to 12500MHz 1Mbps**



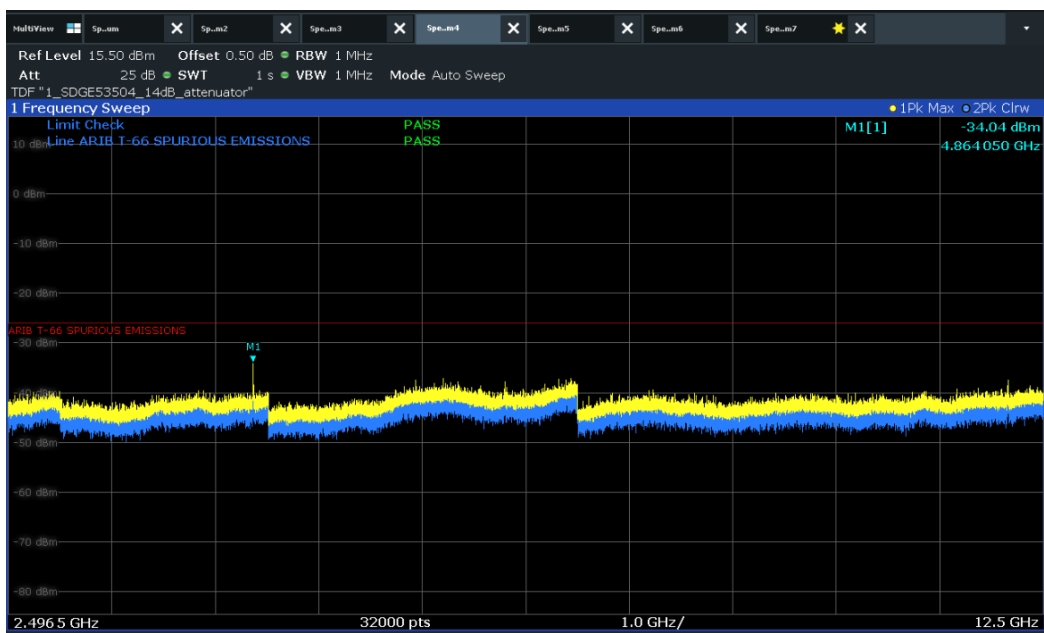
802.11b Mid Channel (2432 MHz) 30MHz to 2387MHz 1Mbps



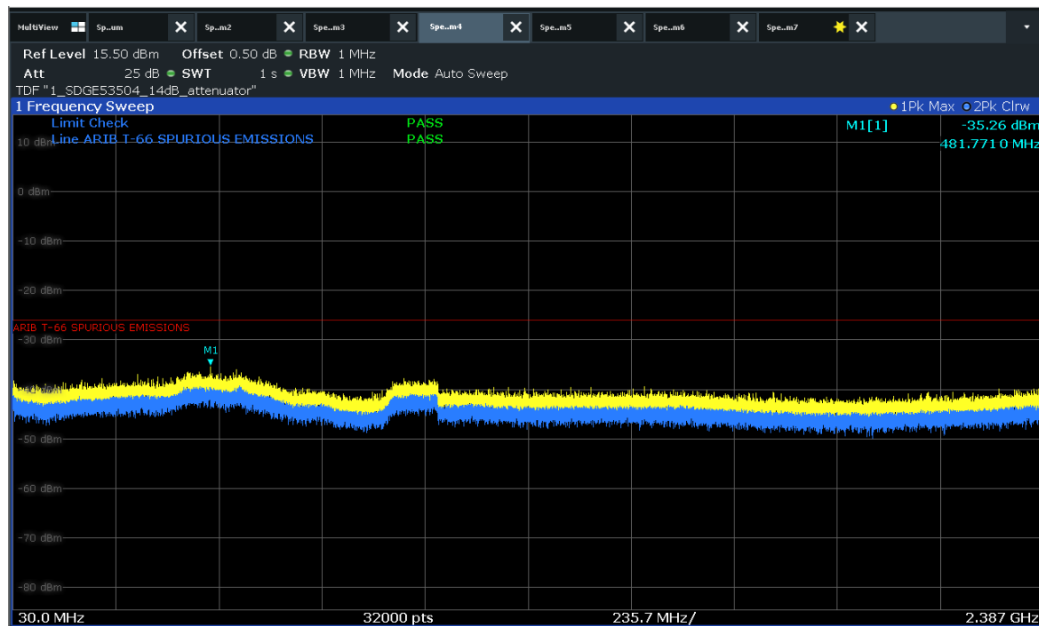
802.11b Mid Channel (2432 MHz) 2387MHz to 2400MHz 1Mbps



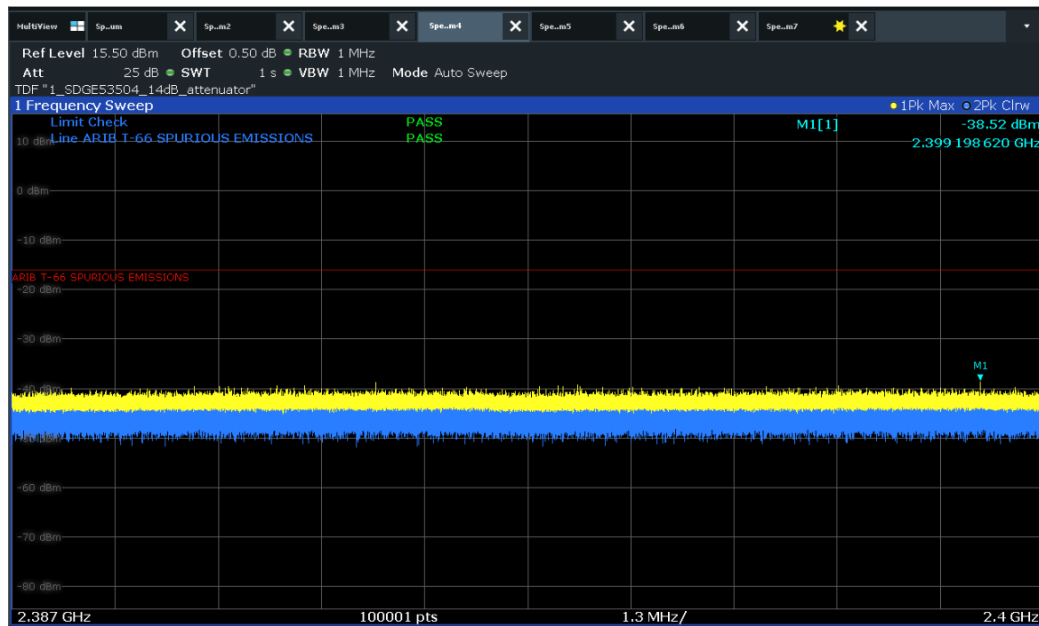
802.11b Mid Channel (2432 MHz) 2483.5MHz to 2496.5MHz 1Mbps



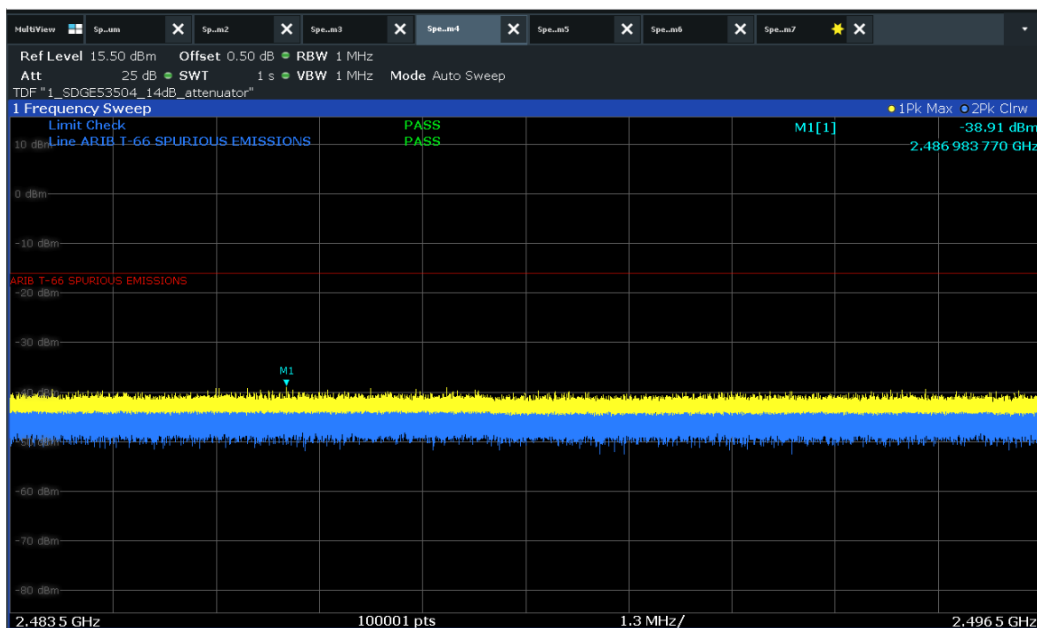
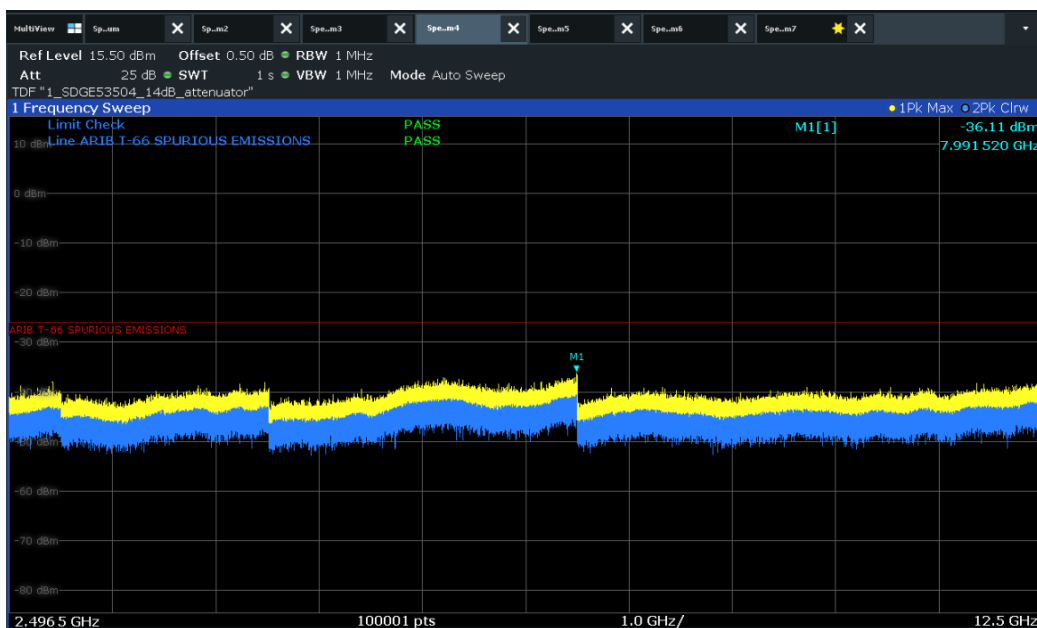
802.11b Mid Channel (2432 MHz) 2496.5MHz to 12500MHz 1Mbps

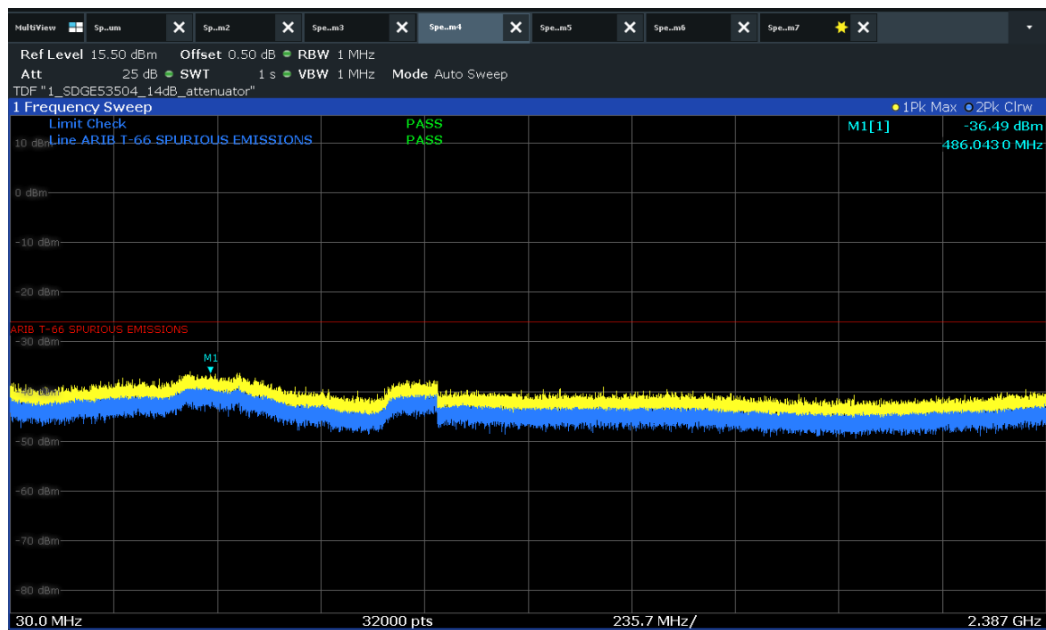


802.11b High Channel (2462 MHz) 30MHz to 2387MHz 1Mbps

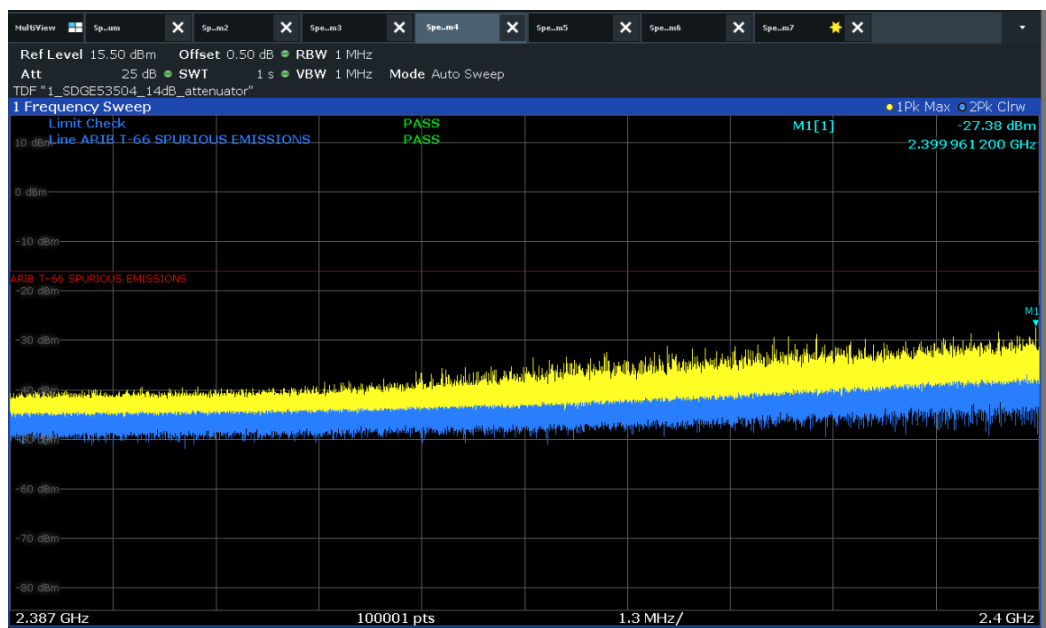


802.11b High Channel (2462 MHz) 2387MHz to 2400MHz 1Mbps

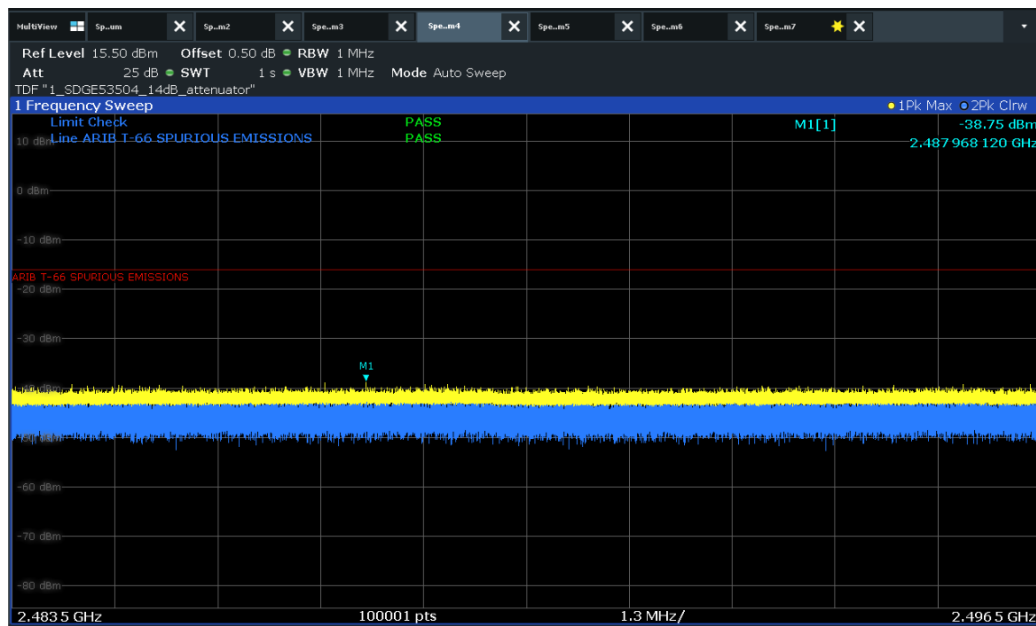
**802.11b High Channel (2462 MHz) 2483.5MHz to 2496.5MHz 1Mbps****802.11b High Channel (2462 MHz) 2496.5MHz to 12500MHz 1Mbps**



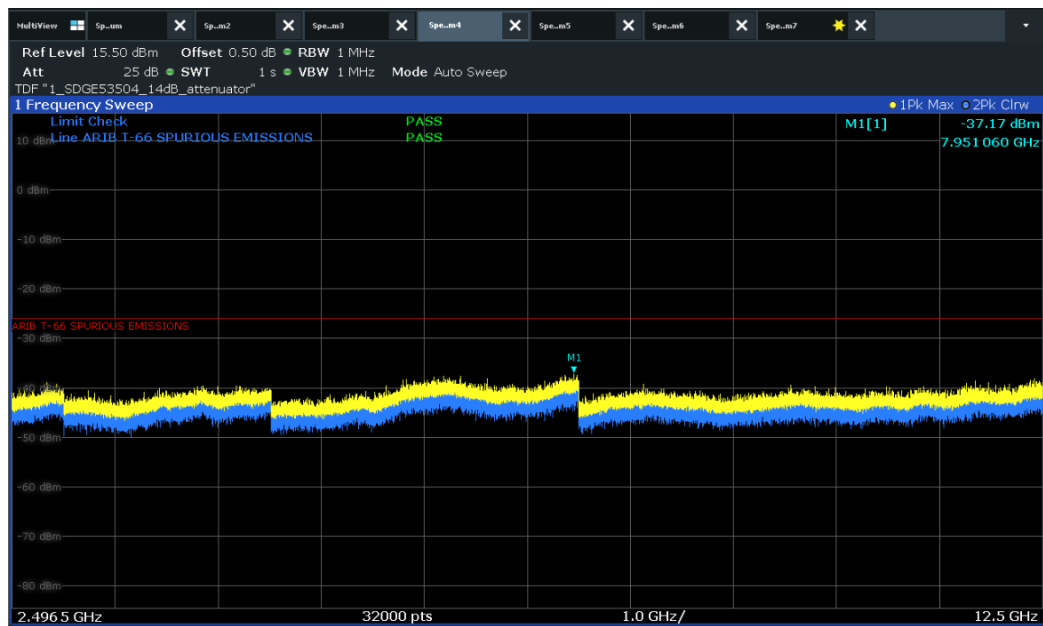
802.11g Low Channel (2412 MHz) 30MHz to 2387MHz 6Mbps



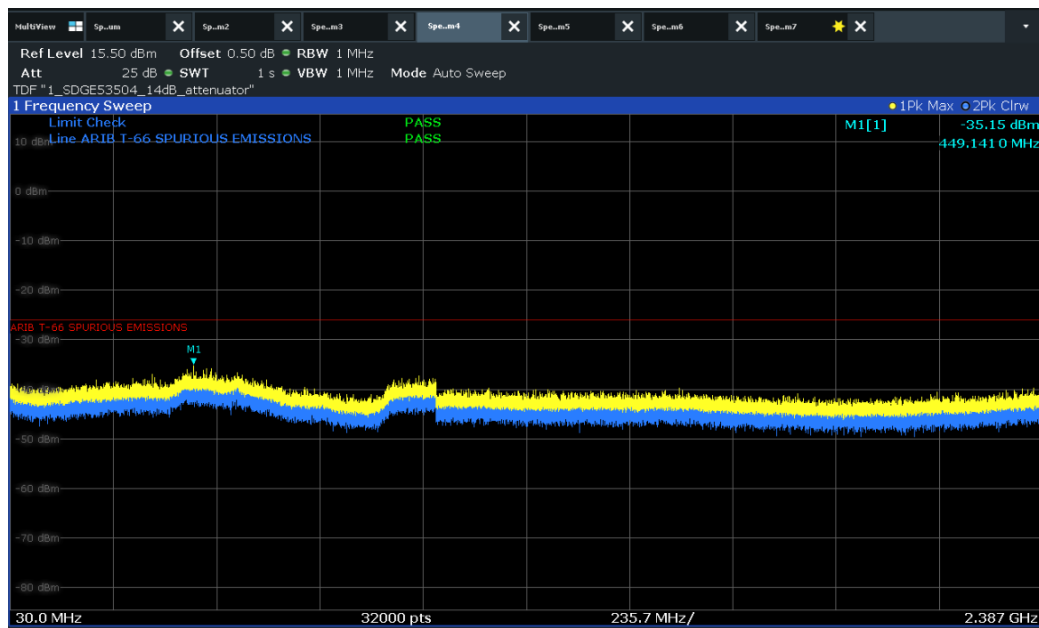
802.11g Low Channel (2412 MHz) 2387MHz to 2400MHz 6Mbps



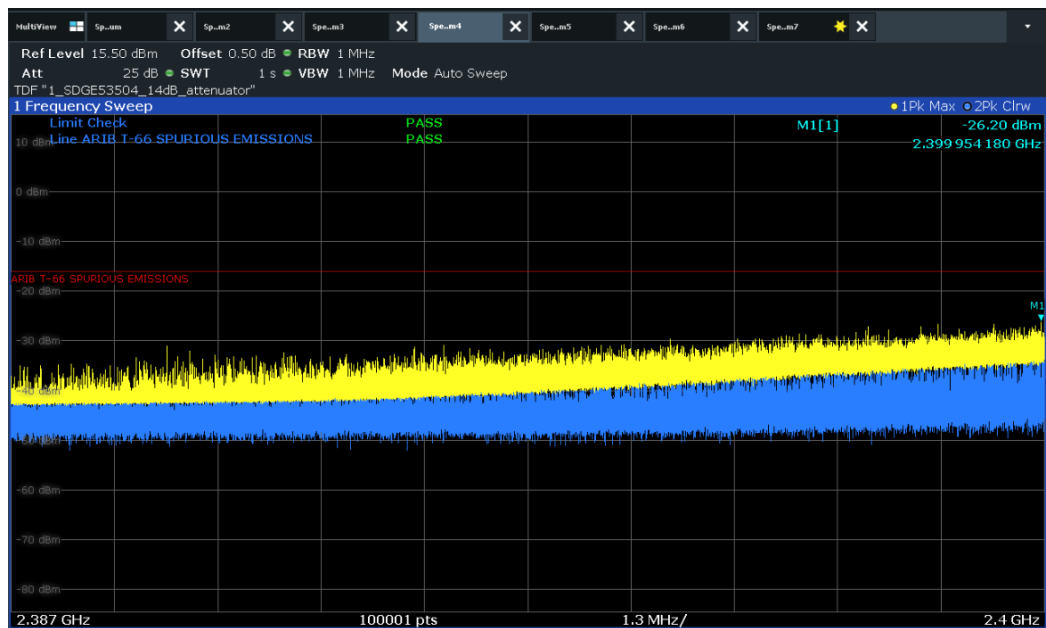
802.11g Low Channel (2412 MHz) 2483.5MHz to 2496.5MHz 6Mbps



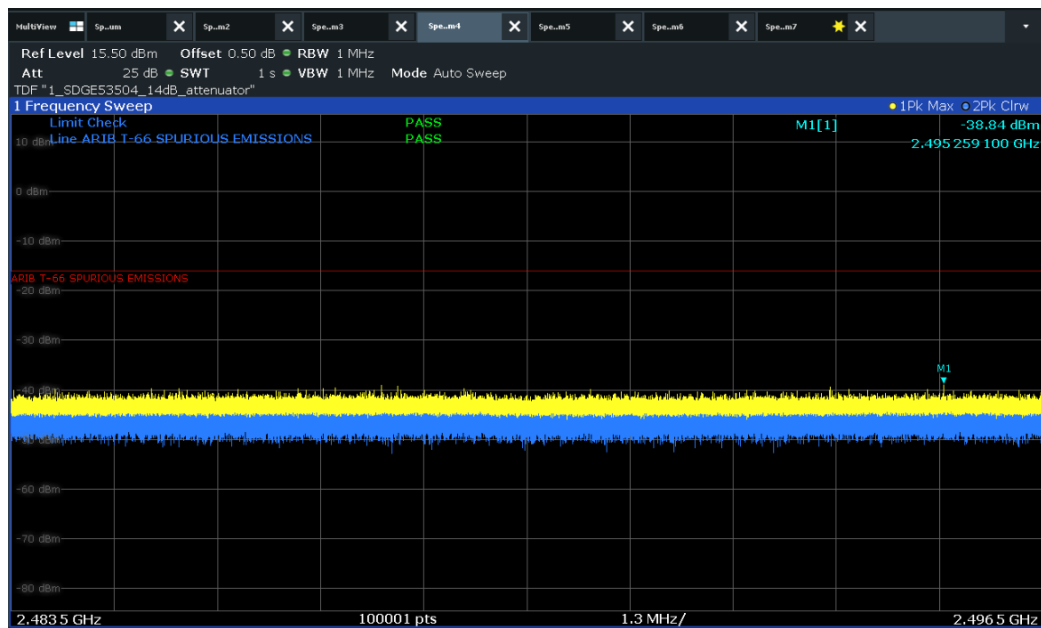
802.11g Low Channel (2412 MHz) 2496.5MHz to 12500MHz 6Mbps



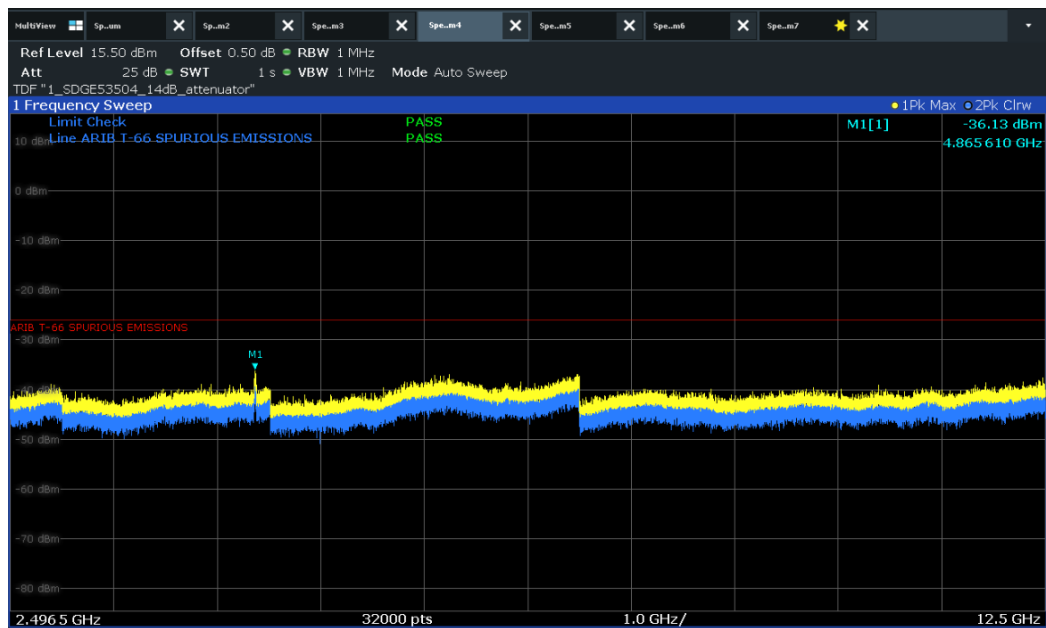
802.11g Mid Channel (2432 MHz) 30MHz to 2387MHz 6Mbps



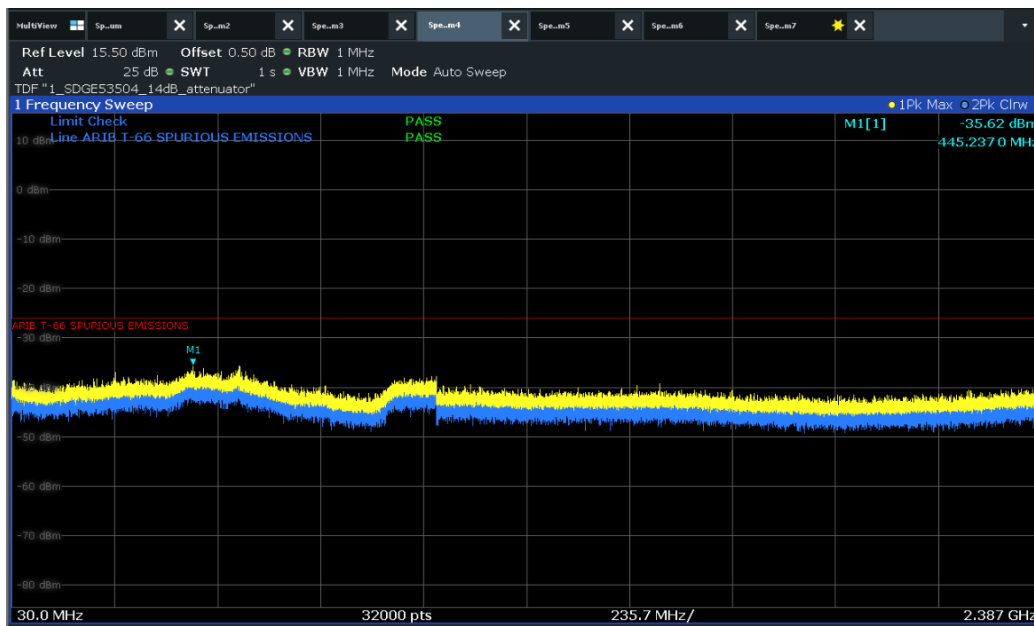
802.11g Mid Channel (2432 MHz) 2387MHz to 2400MHz 6Mbps



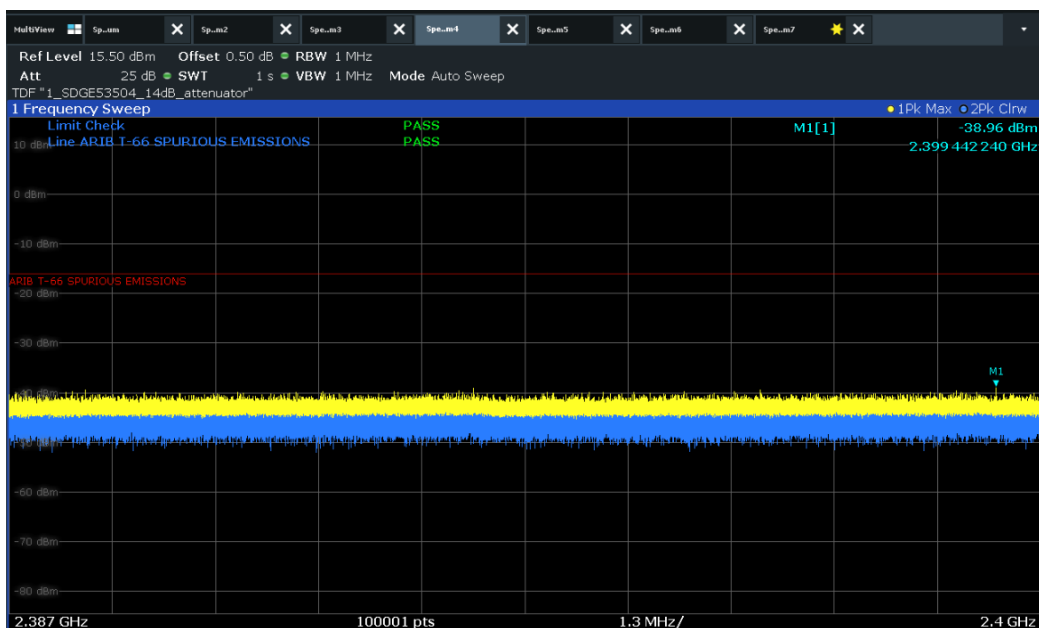
802.11g Mid Channel (2432 MHz) 2483.5MHz to 2496.5MHz 6Mbps



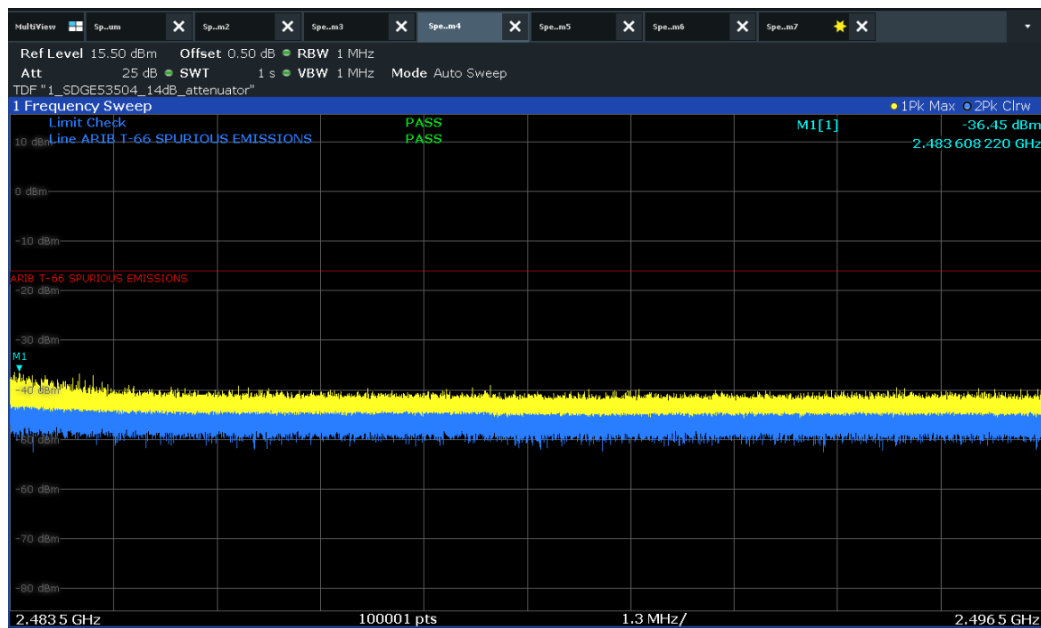
802.11g Mid Channel (2432 MHz) 2496.5MHz to 12500MHz 6Mbps



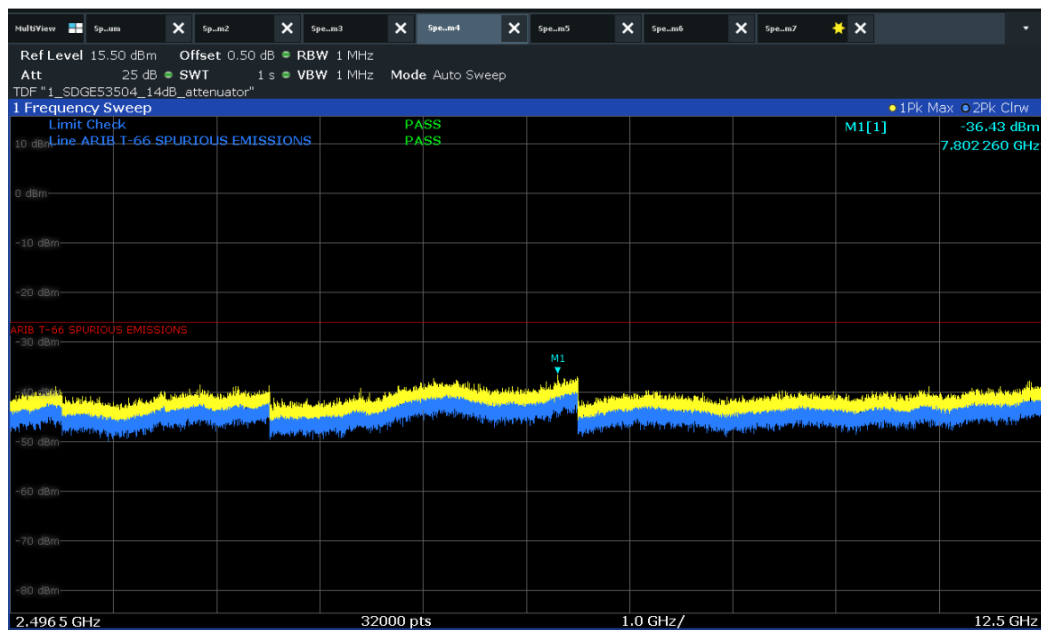
802.11g High Channel (2462 MHz) 30MHz to 2387MHz 6Mbps



802.11g High Channel (2462 MHz) 2387MHz to 2400MHz 6Mbps



802.11g High Channel (2462 MHz) 2483.5MHz to 2496.5MHz 6Mbps



802.11g High Channel (2462 MHz) 2496.5MHz to 12500MHz 6Mbps