



RADIO TEST REPORT

FCC ID : UDX-600104010
Equipment : Wi-Fi 6E Access Point
Brand Name : Cisco
Model Name : MR57-HW
Applicant : Cisco Systems, Inc.
170 West Tasman Drive, San Jose, CA 95134 USA
Manufacturer : Cisco Systems, Inc.
170 West Tasman Drive, San Jose, CA 95134 USA
Standard : 47 CFR FCC Part 15.407

The product was received on Aug. 28, 2025, and testing was started from Oct. 04, 2025 and completed on Oct. 08, 2025. We, Sporton International Inc. Hsinchu Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2020 and shown compliance with the applicable technical standards.

The test results in this variant report apply exclusively to the tested model / sample. Without written approval of Sporton International Inc. Hsinchu Laboratory, the test report shall not be reproduced except in full.

Approved by: Sam Chen

Sporton International Inc. Hsinchu Laboratory

No.8, Ln. 724, Bo'ai St., Zhubei City, Hsinchu County 302010, Taiwan (R.O.C.)



Table of Contents

History of this test report.....	3
Summary of Test Result.....	4
1 General Description	5
1.1 Information.....	5
1.2 Applicable Standards	11
1.3 Testing Location Information	11
1.4 Measurement Uncertainty	11
2 Test Configuration of EUT.....	12
2.1 The Worst Case Measurement Configuration	12
2.2 EUT Operation during Test	12
2.3 Accessories	12
2.4 Support Equipment.....	12
3 Transmitter Test Result	13
3.1 Contention Based Protocol.....	13
4 Test Equipment and Calibration Data	14
Appendix A. Test Results of Contention-Based Protocol	
Photographs of EUT v01	



TEL : 886-3-656-9065
FAX : 886-3-656-9085
Report Template No.: CB-A12_5 Ver2.0



Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
1.1.2	15.203	Antenna Requirement	PASS	-
3.1	15.407(d)	Contention-Based Protocol	PASS	-

Conformity Assessment Condition:

1. The test results (PASS/FAIL) with all measurement uncertainty excluded are presented against the regulation limits or in accordance with the requirements stipulated by the applicant/manufacture who shall bear all the risks of non-compliance that may potentially occur if measurement uncertainty is taken into account.
2. The measurement uncertainty please refer to each test result in the chapter "Measurement Uncertainty".

Disclaimer:

The product specifications of the EUT presented in the test report that may affect the test assessments are declared by the manufacturer who shall take full responsibility for the authenticity.

Reviewed by: Sam Chen

Report Producer: Muse Chan



1 General Description

1.1 Information

1.1.1 RF General Information

For LPI Access Point and Subordinate:

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
5925-7125	ax (HEW20)	5955-7115	1-233 [59]
5925-7125	ax (HEW40)	5965-7085	3-227 [29]
5925-7125	ax (HEW80)	5985-7025	7-215 [14]
5925-7125	ax (HEW160)	6025-6985	15-207 [7]

Band	Mode	BWch (MHz)	Nant
5925-7125MHz	802.11ax HEW20	20	1TX, 2TX, 4TX / 4RX
5925-7125MHz	802.11ax HEW20-BF	20	2TX, 4TX / 4RX
5925-7125MHz	802.11ax HEW40	40	1TX, 2TX, 4TX / 4RX
5925-7125MHz	802.11ax HEW40-BF	40	2TX, 4TX / 4RX
5925-7125MHz	802.11ax HEW80	80	1TX, 2TX, 4TX / 4RX
5925-7125MHz	802.11ax HEW80-BF	80	2TX, 4TX / 4RX
5925-7125MHz	802.11ax HEW160	160	1TX, 2TX, 4TX / 4RX
5925-7125MHz	802.11ax HEW160-BF	160	2TX, 4TX / 4RX

For Standard Power Access Point:

Frequency Range (MHz)	IEEE Std. 802.11	Ch. Frequency (MHz)	Channel Number
5925-6425	ax (HEW20)	5955-6415	1-93 [24]
6525-6875		6535-6855	117-181 [17]
5925-6425	ax (HEW40)	5965-6405	3-91 [12]
6525-6875		6565-6845	123-179 [8]
5925-6425	ax (HEW80)	5985-6385	7-87 [6]
6525-6875		6625-6785	135-167 [3]
5925-6425	ax (HEW160)	6025-6345	15-79 [3]
6525-6875		6665	143 [1]

Band	Mode	BWch (MHz)	Nant
5925-6425 / 6525-6875 MHz	802.11ax HEW20	20	1TX, 2TX, 4TX / 4RX
5925-6425 / 6525-6875 MHz	802.11ax HEW20-BF	20	2TX, 4TX / 4RX
5925-6425 / 6525-6875 MHz	802.11ax HEW40	40	1TX, 2TX, 4TX / 4RX
5925-6425 / 6525-6875 MHz	802.11ax HEW40-BF	40	2TX, 4TX / 4RX
5925-6425 / 6525-6875 MHz	802.11ax HEW80	80	1TX, 2TX, 4TX / 4RX
5925-6425 / 6525-6875 MHz	802.11ax HEW80-BF	80	2TX, 4TX / 4RX
5925-6425 / 6525-6875 MHz	802.11ax HEW160	160	1TX, 2TX, 4TX / 4RX
5925-6425 / 6525-6875 MHz	802.11ax HEW160-BF	160	2TX, 4TX / 4RX

Note:

- HEW20, HEW40, HEW80 and HEW160 use a combination of OFDMA-BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM modulation.
- BWch is the nominal channel bandwidth.

**1.1.2 Antenna Information**

Ant.	Port					Brand	P/N	Ant. Type	Connector	Gain (dBi)
	WLAN 2.4GHz	WLAN 5GHz UNII 1~3	WLAN 5GHz UNII 2C~4	WLAN 6GHz UNII 5~8	Bluetooth					
1	4	4	-	-	-	CISCO	95XKAN15.G42	PIFA	I-PEX	Note1
2	3	3	-	-	-	CISCO	95XKAN15.G43	PIFA	I-PEX	
3	2	2	-	-	-	CISCO	95XKAN15.G44	PIFA	I-PEX	
4	1	1	-	-	-	CISCO	95XKAN15.G45	PIFA	I-PEX	
5	-	-	2	2	-	CISCO	95XKAN15.G46	Dipole	I-PEX	
6	-	-	1	1	-	CISCO	95XKAN15.G47	Dipole	I-PEX	
7	-	-	4	4	-	CISCO	95XKAN15.G48	Dipole	I-PEX	
8	-	-	3	3	-	CISCO	95XKAN15.G49	Dipole	I-PEX	
9	1	1	-	-	-	CISCO	95XKAN15.G51	PIFA	I-PEX	
10	-	-	-	-	1	CISCO	95XKAN15.G50	PIFA	I-PEX	

Note1:

Ant.	Antenna Gain (dBi)											Remark
	WLAN 2.4GHz	WLAN 5GHz UNII 1	WLAN 5GHz UNII 2A	WLAN 5GHz UNII 2C	WLAN 5GHz UNII 3	WLAN 5GHz UNII 4	WLAN 6GHz UNII 5	WLAN 6GHz UNII 6	WLAN 6GHz UNII 7	WLAN 6GHz UNII 8	Blue tooth	
1	1.87	4.07	4.09	2.45	1.97	-	-	-	-	-	-	Radio 1
2	2.68	3.7	4.21	3	3.84	-	-	-	-	-	-	Radio 1
3	2.7	3.29	3.51	2.33	3.03	-	-	-	-	-	-	Radio 1
4	1.52	1.8	1.7	1.44	1.61	-	-	-	-	-	-	Radio 1
5	-	-	-	3.52	3.3	4.84	5.05	4.08	4.27	3.47	-	Radio 2
6	-	-	-	3.54	4.33	4.28	4.71	3.72	3.49	4.02	-	Radio 2
7	-	-	-	4.28	4.45	4.6	4.64	4.40	4.31	3.39	-	Radio 2
8	-	-	-	4.13	4.39	4.75	4.76	3.51	4.21	4.03	-	Radio 2
9	3.80	6.29	6.29	6.29	6.29	-	-	-	-	-	-	Radio 3
10	-	-	-	-	-	-	-	-	-	-	3.65	Radio 4

Note2:

Directional Gain (dBi)								Remark
Item	WLAN 2.4GHz	WLAN 5GHz UNII 1	WLAN 5GHz UNII 2A	WLAN 5GHz UNII 2C	WLAN 5GHz UNII 3	WLAN 5GHz UNII 4	WLAN 5GHz UNII 4	
2T1S	3.93	4.36	4.68	3.36	3.75	-	-	Radio 1
4T1S	5.7	6.45	6.36	5.06	5.18	-	-	
2T1S	-	-	-	5.32	6.01	5.57	-	Radio 2
4T1S	-	-	-	5.65	6.75	6.43	-	

Note3: Radio 1 (WLAN 2.4/5GHz UNII 1~3), Radio 2 (5GHz UNII 2C, 3, 4): The directional gain is measured which follows the procedure of KDB 662911 D03. The antenna report is provided in the operational description for this application.



Note4: The above information was declared by manufacturer.
The EUT has ten antennas.

For WLAN 2.4GHz function (Radio 1):

For IEEE 802.11b/g/n/VHT/ax mode (1TX, 2TX, 4TX/4RX):

For 1TX

Only Port 1 can be use as transmitting antenna.

For 2TX

Only Port 1 and Port 2 can be use as transmitting antenna.

Port 1 and Port 2 could transmit simultaneously.

For 4TX

Port 1, Port 2, Port 3 and Port 4 can be use as transmitting antenna.

Port 1, Port 2, Port 3 and Port 4 could transmit simultaneously.

For 4RX

Port 1, Port 2, Port 3 and Port 4 can be used as receiving antennas.

Port 1, Port 2, Port 3 and Port 4 could receive simultaneously.

For WLAN 5GHz function (Radio 1 and Radio 2):

For IEEE 802.11a/n/ac/ax mode (1TX, 2TX, 4TX/4RX):

For 1TX

Only Port 1 can be use as transmitting antenna.

For 2TX

Only Port 1 and Port 2 can be use as transmitting antenna.

Port 1 and Port 2 could transmit simultaneously.

For 4TX

Port 1, Port 2, Port 3 and Port 4 can be use as transmitting antenna.

Port 1, Port 2, Port 3 and Port 4 could transmit simultaneously.

For 4RX

Port 1, Port 2, Port 3 and Port 4 can be used as receiving antennas.

Port 1, Port 2, Port 3 and Port 4 could receive simultaneously.

For 6GHz function (Radio 2):

For IEEE 802.11ax mode (1TX, 2TX, 4TX/4RX):

For 1TX

Only Port 1 can be use as transmitting antenna.

For 2TX

Only Port 1 and Port 2 can be use as transmitting antenna.

Port 1 and Port 2 could transmit simultaneously.

For 4TX

Port 1, Port 2, Port 3 and Port 4 can be use as transmitting antenna.

Port 1, Port 2, Port 3 and Port 4 could transmit simultaneously.

For 4RX

Port 1, Port 2, Port 3 and Port 4 can be used as receiving antennas.

Port 1, Port 2, Port 3 and Port 4 could receive simultaneously.

For Scanning Radio 3:

For WLAN 2.4GHz function

For 802.11b/g/n/VHT/ax mode (1RX):

Only Port 1 can be used as receiving functions.

For WLAN 5GHz function

For IEEE 802.11a/n/ac/ax mode (1RX):

Only Port 1 can be used as receiving functions.

For Bluetooth function (Radio 4):

For Bluetooth mode (1TX/1RX):

Only Port 1 can be used as transmitting/receiving antenna.

**1.1.3 EUT Operational Condition**

EUT Power Type	From Power Adapter or PoE			
Beamforming Function	☒	With beamforming	☐	Without beamforming
	The product has beamforming function for n/VHT/ax in Radio 1 for 2.4GHz, n/ac/ax in Radio 1~2 for 5GHz, and ax in Radio 2 for 6GHz.			
Device Type	☒	Indoor Access Point	☒	Subordinate
	☐	Indoor Client	☒	Standard Power Access Point
	☐	Dual Client	☐	Standard Client
	☐	Fixed Client	☐	Very Low Power
Condition of EUT	☒	Indoor	☐	Outdoor
Channel Puncturing Function	☐	Supported Static Puncturing		
	☐	Supported Dynamic Puncturing (Reduce BW)		
	☒	Unsupported		
	Note: The EUT doesn't support puncturing for CBP			
Support RU	☒	Full RU	☐	Partial RU
Software / Firmware Version for CBP	32-1-202509112211-G94ce115d9531-rel-cartilage			

Note: The above information was declared by manufacturer.

1.1.4 Table for Radio function

Radio \ Function	WLAN 2.4GHz	WLAN 5GHz UNII 1	WLAN 5GHz UNII 2A	WLAN 5GHz UNII 2C	WLAN 5GHz UNII 3	WLAN 5GHz UNII 4	WLAN 6GHz UNII 5~8	Bluetooth
1 (Iron Radio)	V	V	V	V	V	-	-	-
2 (Pine Radio)	-	-	-	V	V	V	V	-
3 (Scanning Radio)	V	V	V	V	V	-	-	-
4	-	-	-	-	-	-	-	V

Note: The above information was declared by manufacturer.

1.1.5 Table for EUT Operation Function

Mode	Operation Function
1	R1: 2.4GHz/5GHz Low Band+R2: 5GHz High band+R3: 2.4GHz+R4: Bluetooth
2	R1: 2.4GHz/5GHz Low Band+R2: 5GHz High band+R3: 5GHz+R4: Bluetooth
3	R1: 2.4GHz/5GHz Full Band+R2: 6GHz(LPI Access Point)+R3: 2.4GHz+R4: Bluetooth
4	R1: 2.4GHz/5GHz Full Band+R2: 6GHz(LPI Access Point)+R3: 5GHz+R4: Bluetooth
5	R1: 2.4GHz/5GHz Full Band+R2: 6GHz(Standard Power Access Point)+R3: 2.4GHz+R4: Bluetooth
6	R1: 2.4GHz/5GHz Full Band+R2: 6GHz(Standard Power Access Point)+R3: 5GHz+R4: Bluetooth

Note: The above information was declared by manufacturer.

1.1.6 Table for Permissive Change

This product is an extension of original one reported under Sporton project number: FR181947-17

Below is the table for the change of the product with respect to the original one.

Modifications	Performance Checking
1. Adding the Subordinate mode for Meraki SW through FW change.	Contention-Based Protocol
2. Update the reference standard to "ANSI C63.10-2020" from "ANSI C63.10-2013".	After evaluation, it does not need to re-test.



1.2 Applicable Standards

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:

- ♦ 47 CFR FCC Part 15.407
- ♦ ANSI C63.10-2020
- ♦ FCC KDB 789033 D02 v02r01

The following reference test guidance is not within the scope of accreditation of TAF.

- ♦ FCC KDB 987594 D02 v03
- ♦ FCC KDB 662911 D01 v02r01

1.3 Testing Location Information

Testing Location Information				
Test Lab. : Sporton International Inc. Hsinchu Laboratory				
Hsinchu ADD: No.8, Ln. 724, Bo'ai St., Zhubei City, Hsinchu County 302010, Taiwan (R.O.C.)				
(TAF: 3787) TEL: 886-3-656-9065 FAX: 886-3-656-9085				
Test site Designation No. TW3787 with FCC.				
Conformity Assessment Body Identifier (CABID) TW3787 with ISED.				

Test Condition	Test Site No.	Test Engineer	Test Environment (°C / %)	Test Date
RF Conducted (Contention-Based Protocol test)	DF02-CB	Eason Chen	24.5~25.4 / 61~65	Oct. 04, 2025~ Oct. 08, 2025

1.4 Measurement Uncertainty

ISO/IEC 17025 requires that an estimate of the measurement uncertainties associated with the emissions test results be included in the report. The measurement uncertainties given below are based on a 95% confidence level (based on a coverage factor (k=2))

Test Items	Uncertainty	Remark
Output Power Measurement	1.3 dB	Confidence levels of 95%



2 Test Configuration of EUT

2.1 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	Contention Based Protocol
Test Condition	Conducted measurement at transmit chains

The Worst Case Mode for Following Conformance Tests	
Tests Item	Simultaneous Transmission Analysis - Co-location RF Exposure Evaluation
Operating Mode	
1	R1: 2.4GHz/5GHz Low Band + R2: 5GHz High band + R4: Bluetooth
2	R1: 2.4GHz/5GHz Full Band + R2: 6GHz (LPI Access Point) + R4: Bluetooth
3	R1: 2.4GHz/5GHz Full Band + R2: 6GHz (Standard Power Access Point) + R4: Bluetooth
Refer to Sporton Test Report No.: FA181947-21 for Co-location RF Exposure Evaluation.	

Note: The Adapter and PoEs are for measurement only, would not be marketed.

Adapter and PoEs information as below:

Power	Brand	Model
Adapter	Cisco	MA-PWR-50WAC
PoE 1	Cisco	MA-INJ-4
PoE 2	PHIHONG	POE60U-1BT-X

2.2 EUT Operation during Test

The EUT was programmed to be in continuously transmitting mode.

2.3 Accessories

Accessories
Wall-mounted rack*1

2.4 Support Equipment

Support Equipment				
No.	Equipment	Brand Name	Model Name	FCC ID
A	Notebook	DELL	E4300	N/A
B	Notebook	DELL	E4300	N/A
C	WLAN AP	ASUS	RT-AX88U	MSQ-RTAXHP00
D	Client	WNC	B-Q5BA-1	N/A
E	Gateway	WNC	B-Q5BA-1	N/A
F	Adapter	CISCO	MA-PWR-50WAC	N/A

3 Transmitter Test Result

3.1 Contention Based Protocol

3.1.1 Contention Based Protocol Limit

EUT can detect an AWGN signal with 90% (or better) level of certainty.

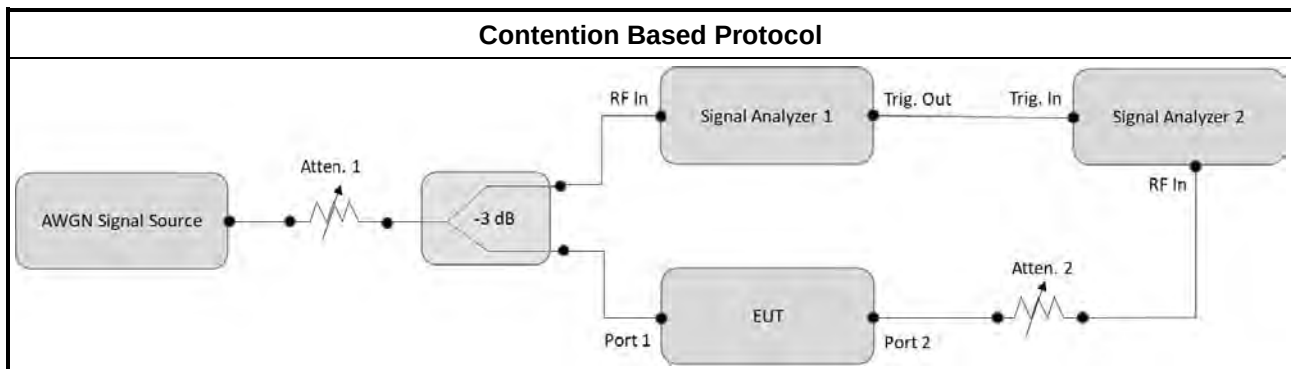
3.1.2 Measuring Instruments

Refer a test equipment and calibration data table in this test report.

3.1.3 Test Procedures

Test Method	
☐	For Contention Based Protocol shall be measured using following options below:
☒	Refer as FCC KDB 987594 D02, I) Contention Based Protocol.

3.1.4 Test Setup



3.1.5 Test Result of Contention Based Protocol

Refer as Appendix A



4 Test Equipment and Calibration Data

Instrument	Brand	Model No.	Serial No.	Characteristics	Calibration Date	Calibration Due Date	Remark
Spectrum Analyzer	R&S	FSV40	101025	9kHz ~ 40GHz	Nov. 08, 2024	Nov. 07, 2025	Conduction (DF02-CB)
Signal generator	R&S	SMB100A	181239	1MHz-40GHz	Jan. 08, 2025	Jan. 07, 2026	Conduction (DF02-CB)
Vector Signal Generator	R&S	SMM100A	101894	100kHz ~ 7.5GHz	Oct. 28, 2024	Oct. 27, 2025	Conduction (DF02-CB)
RF Power Divider	STI	2 Way	DV-8G -05	1 ~ 8GHz	Sep. 20, 2025	Sep. 19, 2026	Conduction (DF02-CB)
RF Power Divider	STI	2 Way	DV-8G -06	1 ~ 8GHz	Sep. 20, 2025	Sep. 19, 2026	Conduction (DF02-CB)
RF Power Divider	STI	2 Way	DV-8G -07	1 ~ 8GHz	Sep. 20, 2025	Sep. 19, 2026	Conduction (DF02-CB)
RF Power Divider	STI	2 Way	DV-8G -08	1 ~ 8GHz	Sep. 20, 2025	Sep. 19, 2026	Conduction (DF02-CB)
RF Power Divider	Woken	4 Way	DF02-DV02	1 ~ 6GHz	Sep. 20, 2025	Sep. 19, 2026	Conduction (DF02-CB)
RF Power Divider	Woken	4 Way	DF02-DV04	1 ~ 6GHz	Sep. 20, 2025	Sep. 19, 2026	Conduction (DF02-CB)
RF Power Divider	Woken	4 Way	DF02-DV05	1 ~ 6GHz	Sep. 20, 2025	Sep. 19, 2026	Conduction (DF02-CB)
RF Cable-high	Woken	RG402	Cable-60	1~18 GHz	Sep. 30, 2025	Sep. 29, 2026	Conduction (DF02-CB)
RF Cable-high	Woken	RG402	Cable-61	1~18 GHz	Sep. 30, 2025	Sep. 29, 2026	Conduction (DF02-CB)
RF Cable-high	Woken	RG402	Cable-63	1~18 GHz	Sep. 30, 2025	Sep. 29, 2026	Conduction (DF02-CB)
100MS/s Digitizer	N.I	USB-5133	F65206	N/A	Mar. 26, 2025	Mar. 25, 2026	Conduction (DF02-CB)

Note: Calibration Interval of instruments listed above is one year.

Contention Based Protocol Threshold Level 802.11ax HEW20										
UNII Band	Channel	Bandwidth (MHz)	Frequency (MHz)	Interference frequency (MHz)		EUT Status	Injected AWGN Power (dBm)	Ant Gain (dBi)	Detection Power(dBm)	Detection Limit (dBm)
5	53	20	6215	Center	6215	OFF	-60.61	3.39	-64.00	≤ -62
						Minimal	-61.61	3.39	-65.00	≤ -62
						ON	-78.61	3.39	-82.00	≤ -62
6	101	20	6455	Center	6455	OFF	-64.61	3.39	-68.00	≤ -62
						Minimal	-65.61	3.39	-69.00	≤ -62
						ON	-78.61	3.39	-82.00	≤ -62
7	149	20	6695	Center	6695	OFF	-63.61	3.39	-67.00	≤ -62
						Minimal	-64.61	3.39	-68.00	≤ -62
						ON	-78.61	3.39	-82.00	≤ -62
8	213	20	7015	Center	7015	OFF	-63.61	3.39	-67.00	≤ -62
						Minimal	-64.61	3.39	-68.00	≤ -62
						ON	-78.61	3.39	-82.00	≤ -62

Contention Based Protocol Threshold Level 802.11ax HEW160										
UNII Band	Channel	Bandwidth (MHz)	Frequency (MHz)	Interference frequency (MHz)		EUT Status	Injected AWGN Power (dBm)	Ant Gain (dBi)	Detection Power(dBm)	Detection Limit (dBm)
5	47	160	6185	Low edge	6110	OFF	-64.61	3.39	-68.00	≤ -62
						Minimal	-65.61	3.39	-69.00	≤ -62
						ON	-78.61	3.39	-82.00	≤ -62
				Center	6185	OFF	-61.61	3.39	-65.00	≤ -62
						Minimal	-62.61	3.39	-66.00	≤ -62
						ON	-78.61	3.39	-82.00	≤ -62
				High edge	6260	OFF	-63.61	3.39	-67.00	≤ -62
						Minimal	-64.61	3.39	-68.00	≤ -62
						ON	-78.61	3.39	-82.00	≤ -62
6	111	160	6505	Low edge	6430	OFF	-61.61	3.39	-65.00	≤ -62
						Minimal	-62.61	3.39	-66.00	≤ -62
						ON	-78.61	3.39	-82.00	≤ -62
				Center	6505	OFF	-60.61	3.39	-64.00	≤ -62
						Minimal	-61.61	3.39	-65.00	≤ -62
						ON	-78.61	3.39	-82.00	≤ -62
				High edge	6580	OFF	-63.61	3.39	-67.00	≤ -62
						Minimal	-64.61	3.39	-68.00	≤ -62
						ON	-78.61	3.39	-82.00	≤ -62
7	143	160	6665	Low edge	6590	OFF	-63.61	3.39	-67.00	≤ -62
						Minimal	-64.61	3.39	-68.00	≤ -62
						ON	-78.61	3.39	-82.00	≤ -62
				Center	6665	OFF	-59.61	3.39	-63.00	≤ -62
						Minimal	-60.61	3.39	-64.00	≤ -62
						ON	-78.61	3.39	-82.00	≤ -62
				High edge	6740	OFF	-60.61	3.39	-64.00	≤ -62
						Minimal	-61.61	3.39	-65.00	≤ -62
						ON	-78.61	3.39	-82.00	≤ -62
8	207	160	6985	Low edge	6910	OFF	-64.61	3.39	-68.00	≤ -62
						Minimal	-65.61	3.39	-69.00	≤ -62
						ON	-78.61	3.39	-82.00	≤ -62
				Center	6985	OFF	-59.61	3.39	-63.00	≤ -62
						Minimal	-60.61	3.39	-64.00	≤ -62
						ON	-78.61	3.39	-82.00	≤ -62
				High edge	7060	OFF	-62.61	3.39	-66.00	≤ -62
						Minimal	-63.61	3.39	-67.00	≤ -62
						ON	-78.61	3.39	-82.00	≤ -62

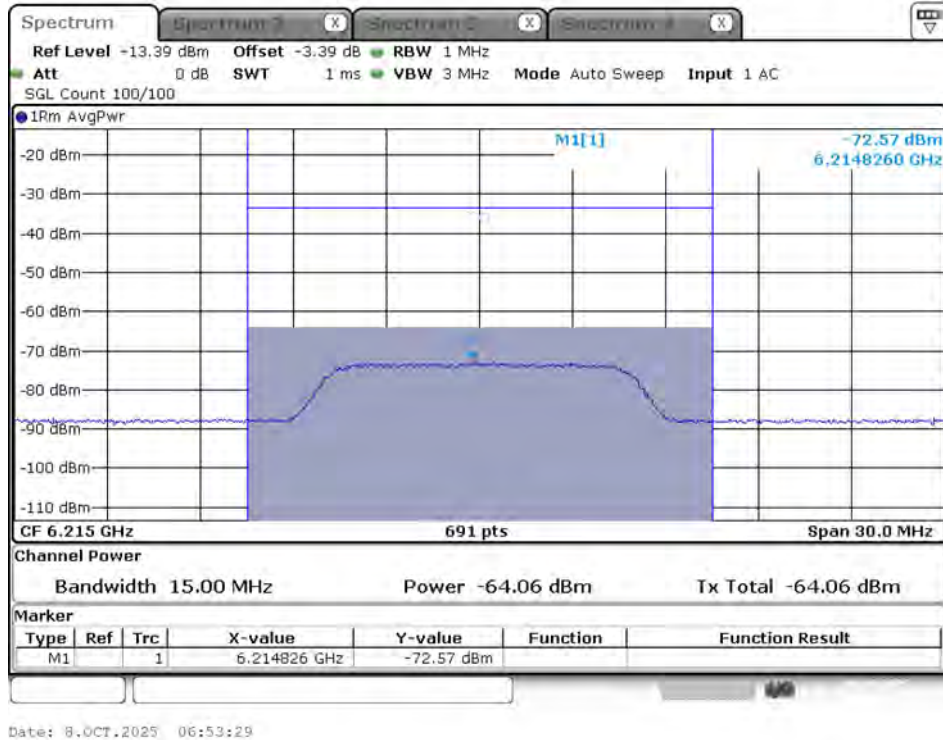
Contention Based protocol 802.11ax HEW20											
UNII Band	Channel	Bandwidth (MHz)	Frequency (MHz)	Interference frequency (MHz)		AWGN Threshold Level (dBm)	EUT Status	Number of Detected (out of 10 times)	Detection Probability (%)	Limit (%)	Test Result
5	53	20	6215	Center	6215	-64.00	OFF	9	90	90	PASS
6	101	20	6455	Center	6455	-68.00	OFF	9	90	90	PASS
7	149	20	6695	Center	6695	-67.00	OFF	10	100	90	PASS
8	213	20	7015	Center	7015	-67.00	OFF	9	90	90	PASS

Contention Based protocol 802.11ax HEW160											
UNII Band	Channel	Bandwidth (MHz)	Frequency (MHz)	Interference frequency (MHz)		AWGN Threshold Level (dBm)	EUT Status	Number of Detected (out of 10 times)	Detection Probability (%)	Limit (%)	Test Result
5	47	160	6185	Low edge	6110	-68.00	OFF	9	90	90	PASS
				Center	6185	-65.00	OFF	10	100	90	PASS
				High edge	6260	-67.00	OFF	9	90	90	PASS
6	111	160	6505	Low edge	6430	-65.00	OFF	9	90	90	PASS
				Center	6505	-64.00	OFF	9	90	90	PASS
				High edge	6580	-67.00	OFF	9	90	90	PASS
7	143	160	6665	Low edge	6590	-67.00	OFF	10	100	90	PASS
				Center	6665	-63.00	OFF	9	90	90	PASS
				High edge	6740	-64.00	OFF	9	90	90	PASS
8	207	160	6985	Low edge	6910	-68.00	OFF	10	100	90	PASS
				Center	6985	-63.00	OFF	9	90	90	PASS
				High edge	7060	-66.00	OFF	10	100	90	PASS

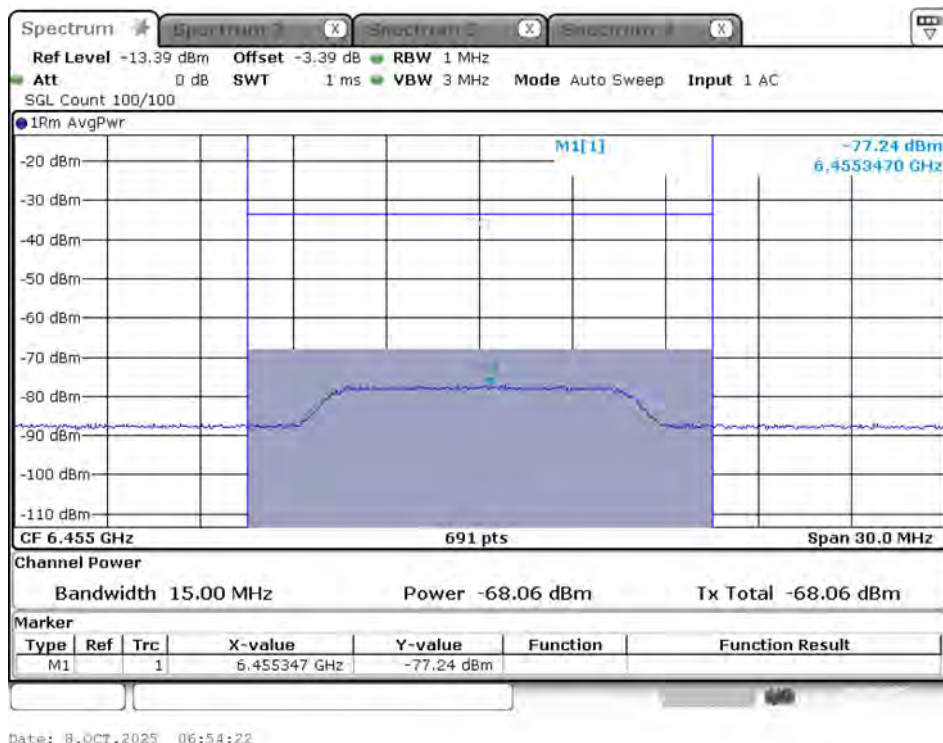
Incumbent signal (AWGN) Plot

Bandwidth: 20MHz

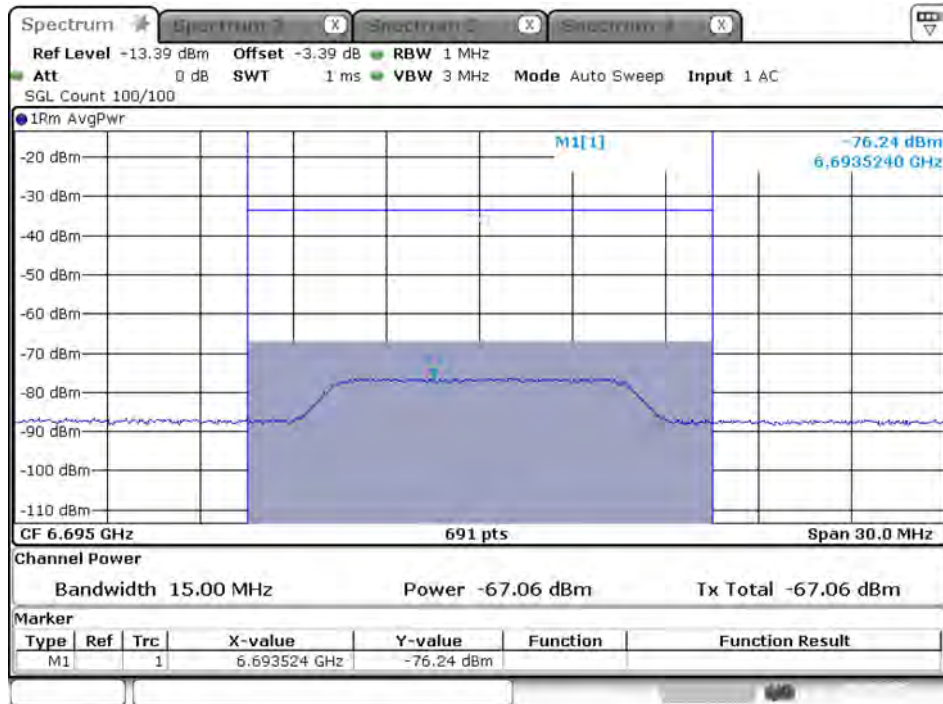
Frequency (MHz): 6215 MHz



Frequency (MHz): 6455 MHz

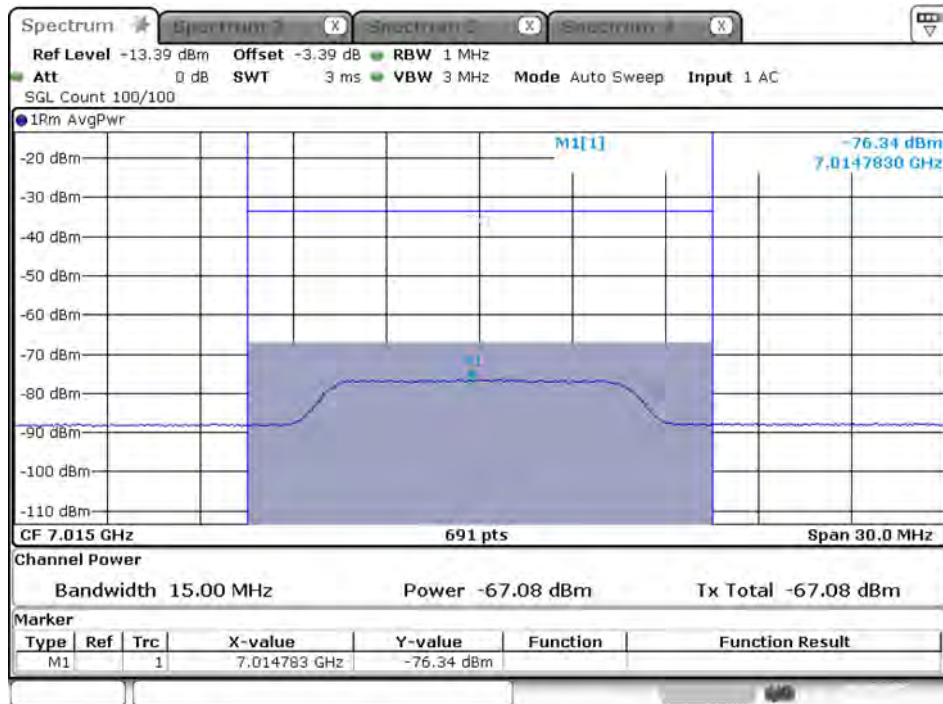


Frequency (MHz): 6695 MHz



Date: 8.OCT.2025 06:54:48

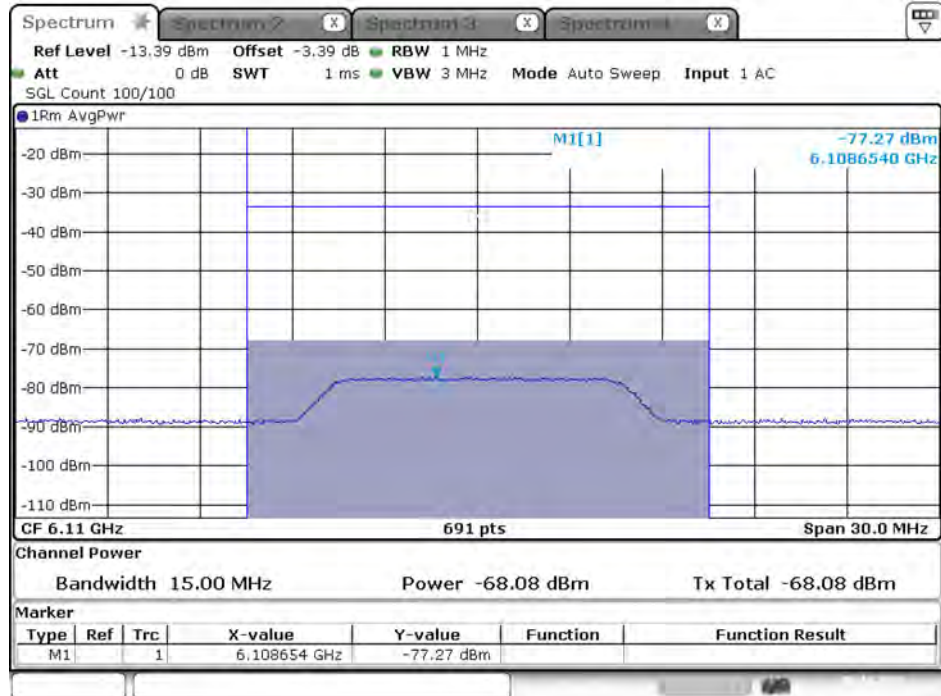
Frequency (MHz): 7015 MHz



Date: 8.OCT.2025 06:55:17

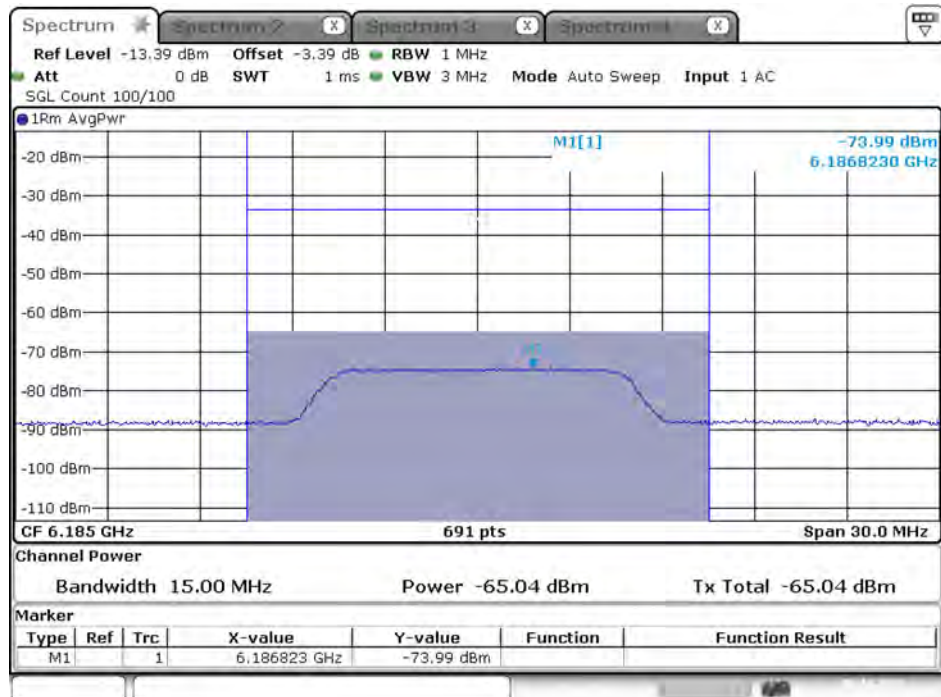
Bandwidth: 160MHz

Frequency (MHz): 6110 MHz



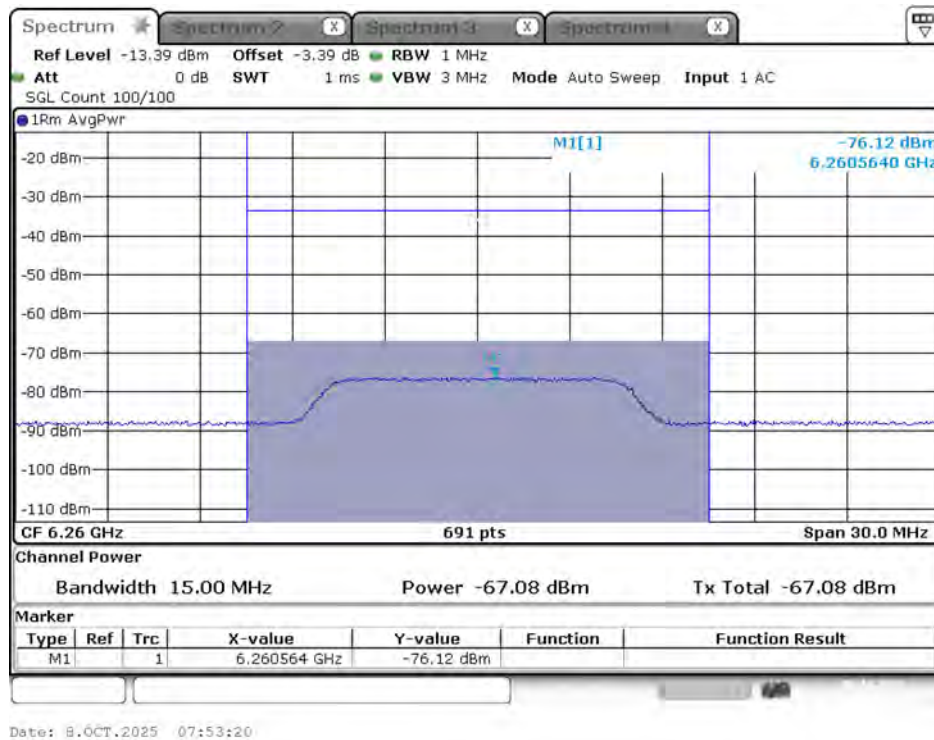
Date: 8.OCT.2025 07:51:47

Frequency (MHz): 6185 MHz

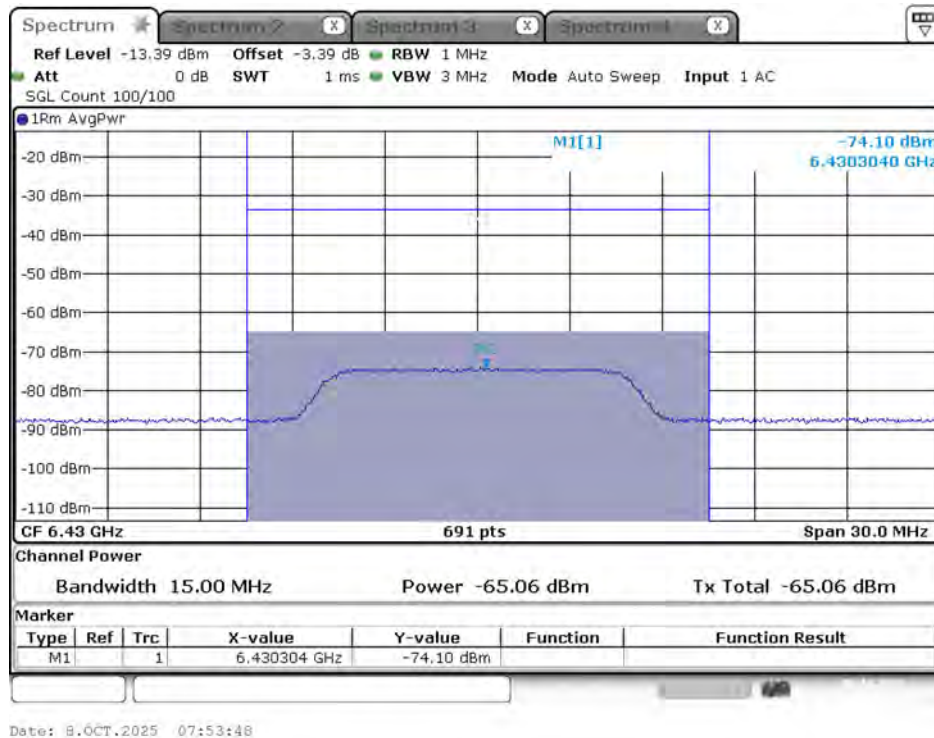


Date: 8.OCT.2025 07:52:34

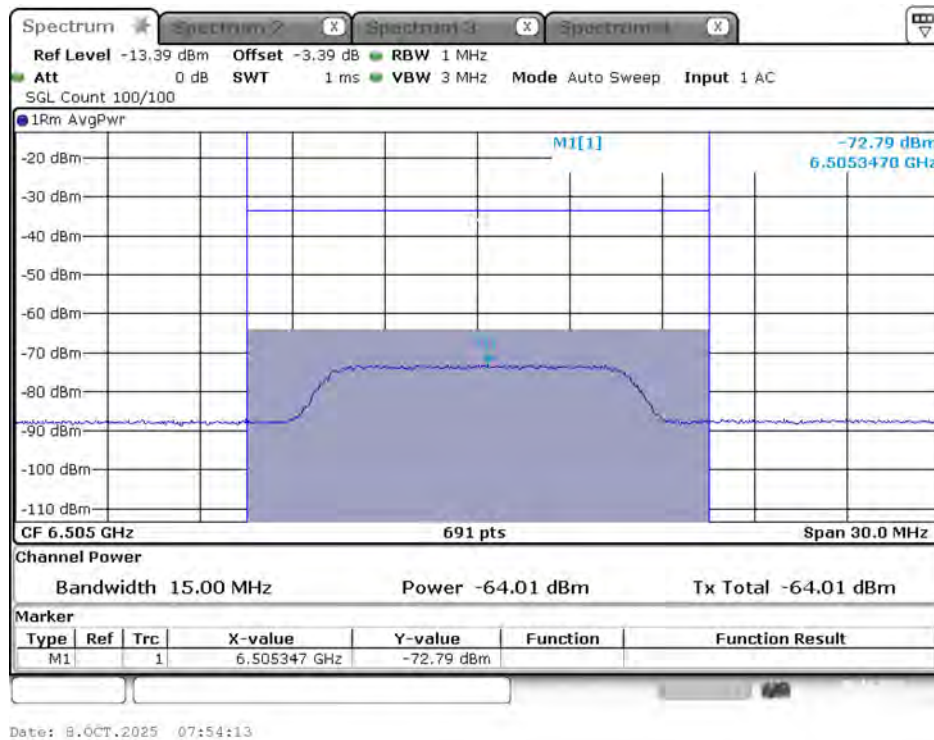
Frequency (MHz): 6260 MHz



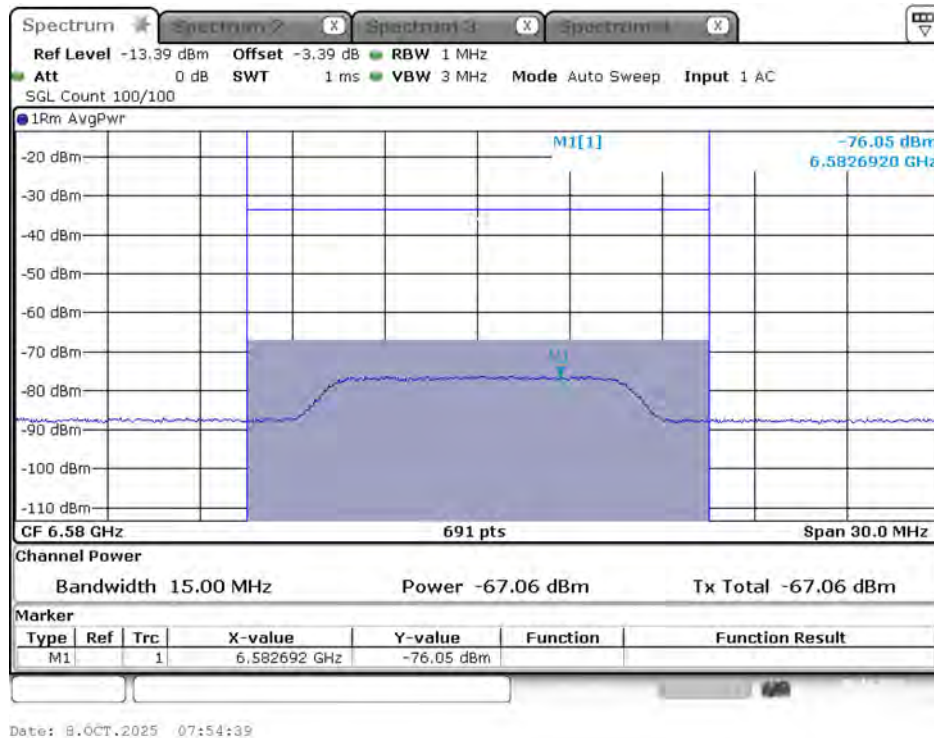
Frequency (MHz): 6430 MHz



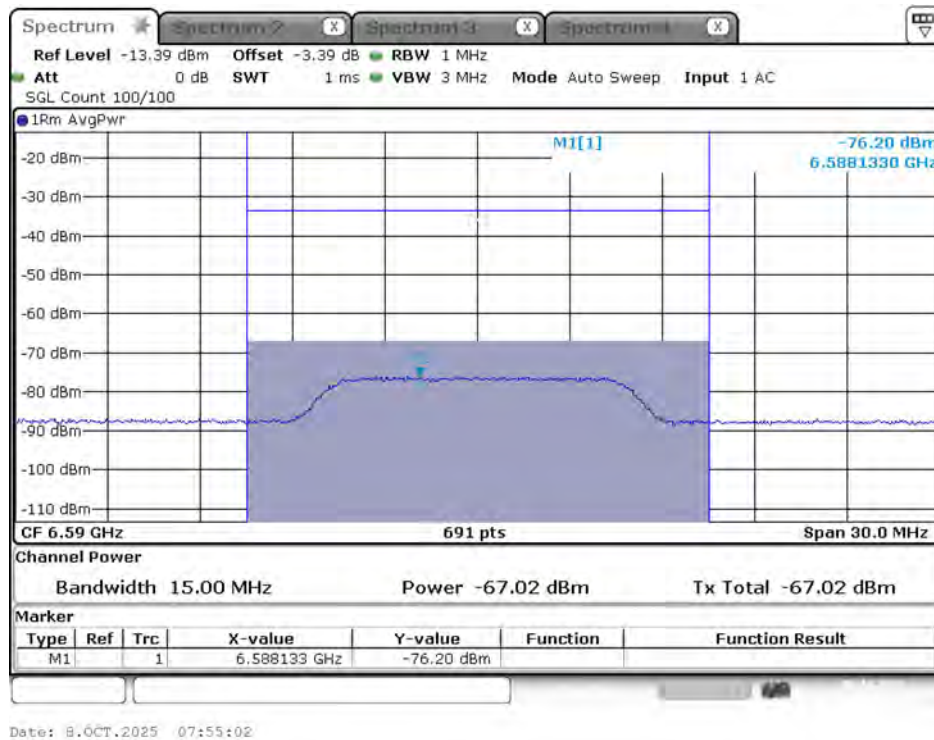
Frequency (MHz): 6505 MHz



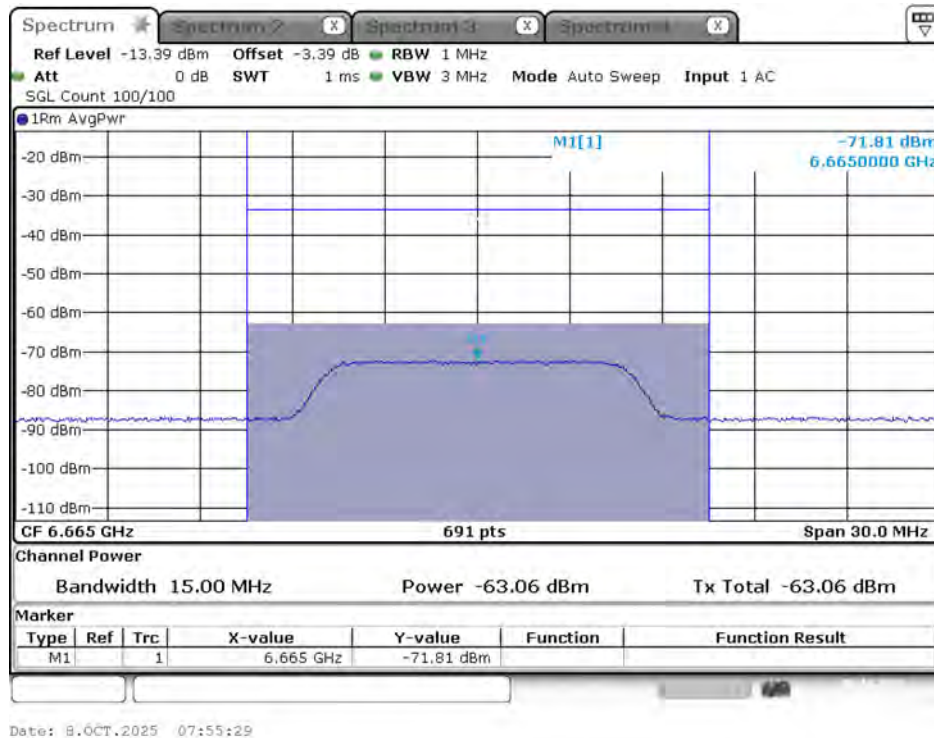
Frequency (MHz): 6580 MHz



Frequency (MHz): 6590 MHz



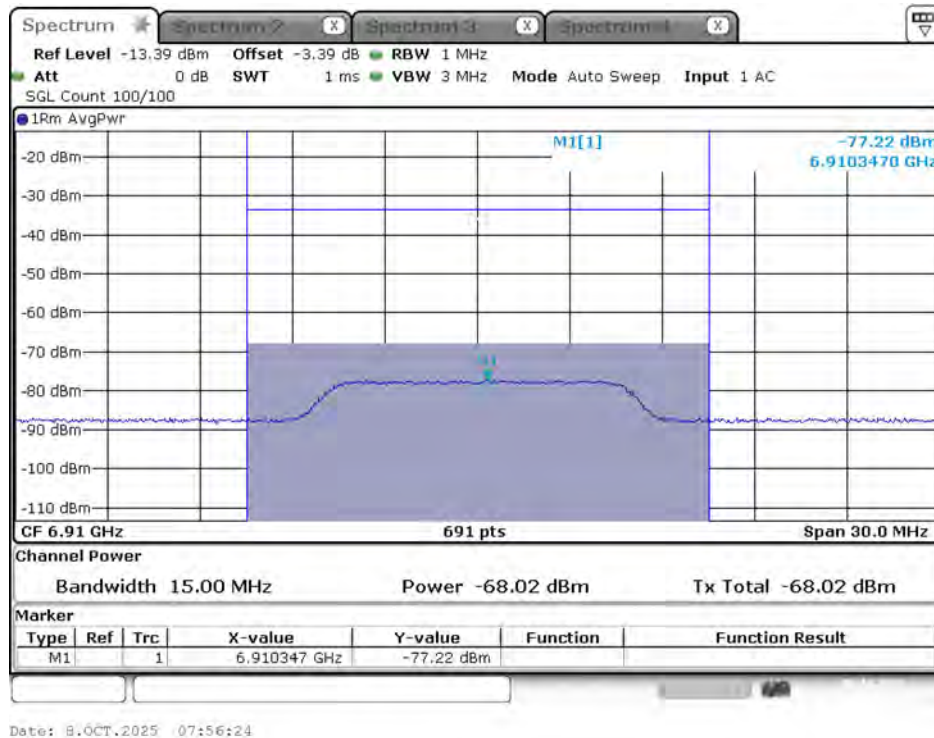
Frequency (MHz): 6665 MHz



Frequency (MHz): 6740 MHz



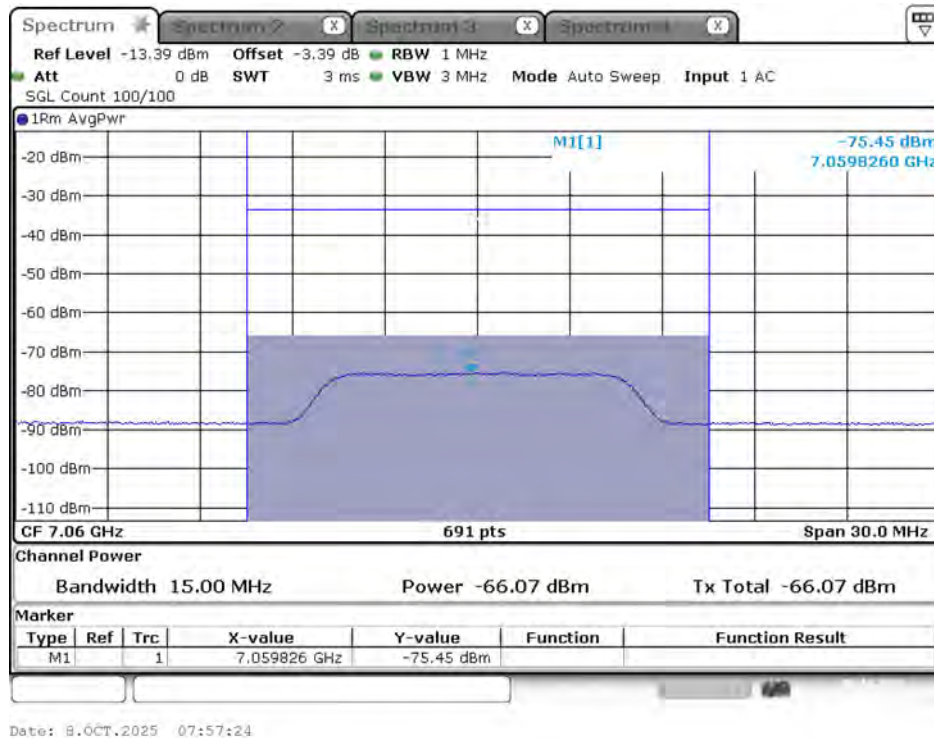
Frequency (MHz): 6910 MHz



Frequency (MHz): 6985 MHz



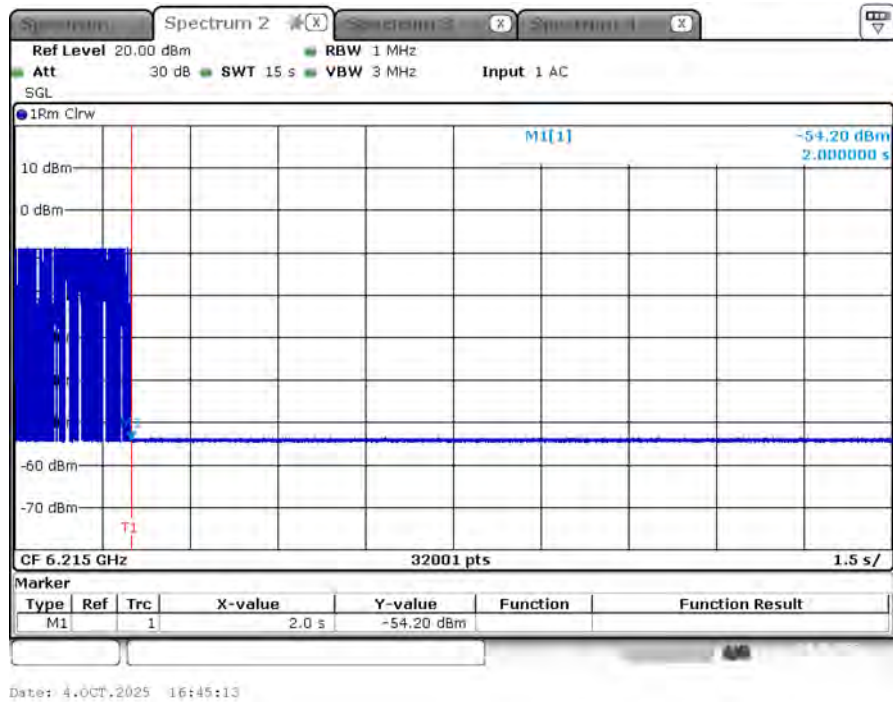
Frequency (MHz): 7060 MHz



Contention-Based Protocol Plot

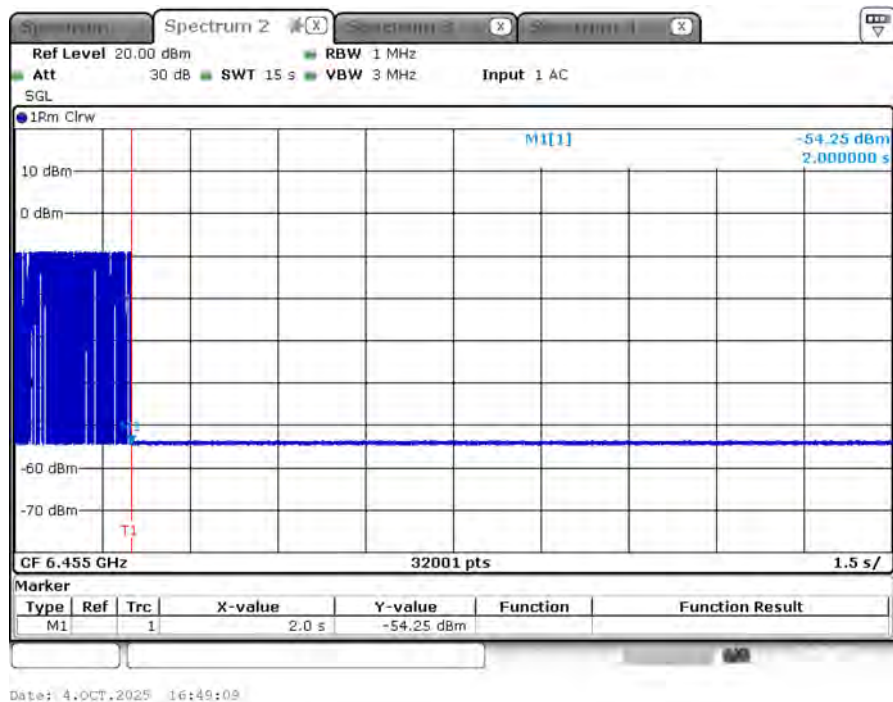
Bandwidth: 20MHz

Test CH 53 ; Incumbent signal 6215 MHz



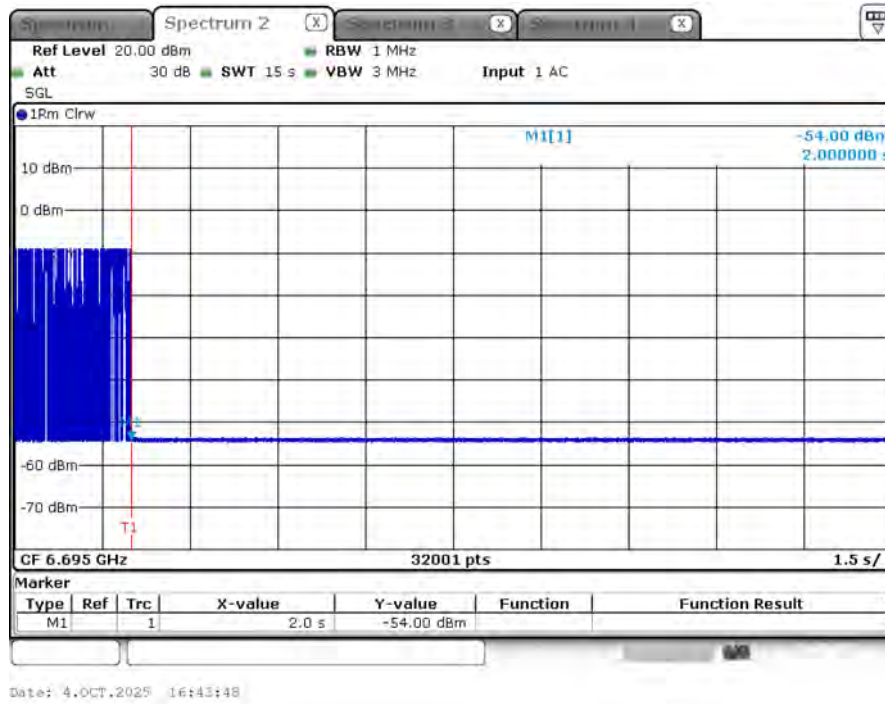
Note : M1 : Inject AWGN signal

Test CH 101 ; Incumbent signal 6455 MHz



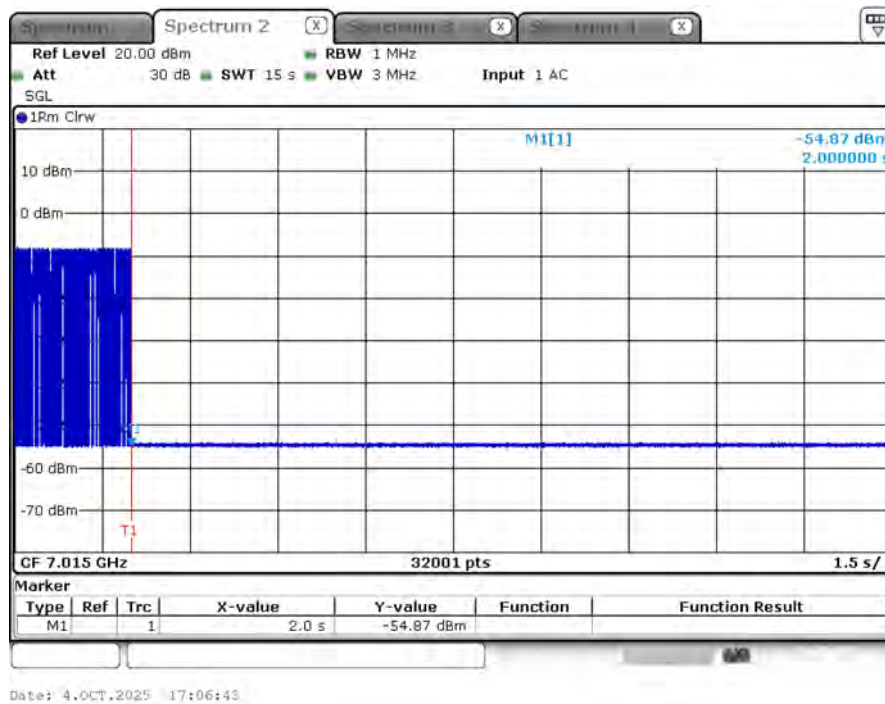
Note : M1 : Inject AWGN signal

Test CH 149 ; Incumbent signal 6695 MHz



Note : M1 : Inject AWGN signal

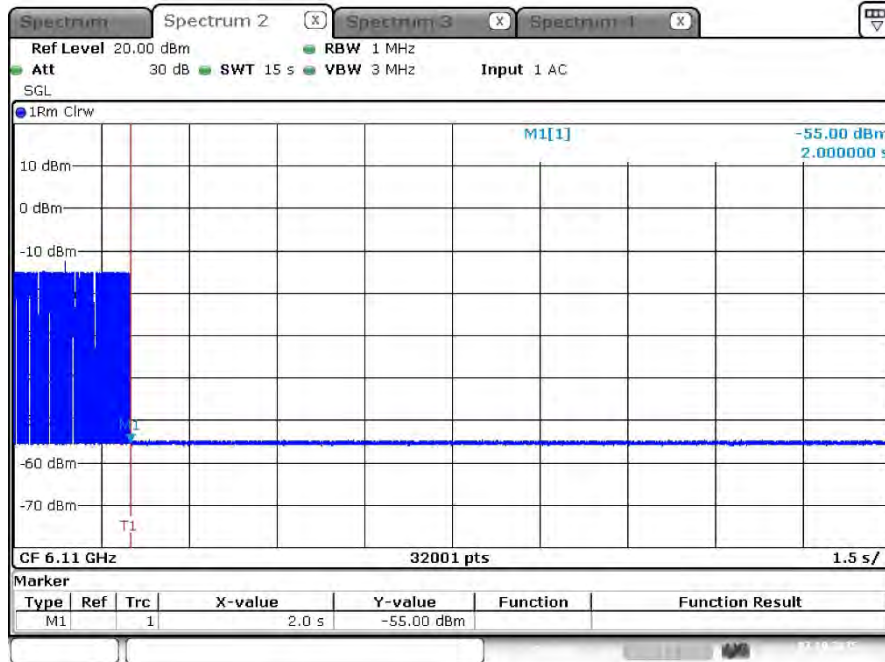
Test CH 213 ; Incumbent signal 7015 MHz



Note : M1 : Inject AWGN signal

Bandwidth: 160MHz

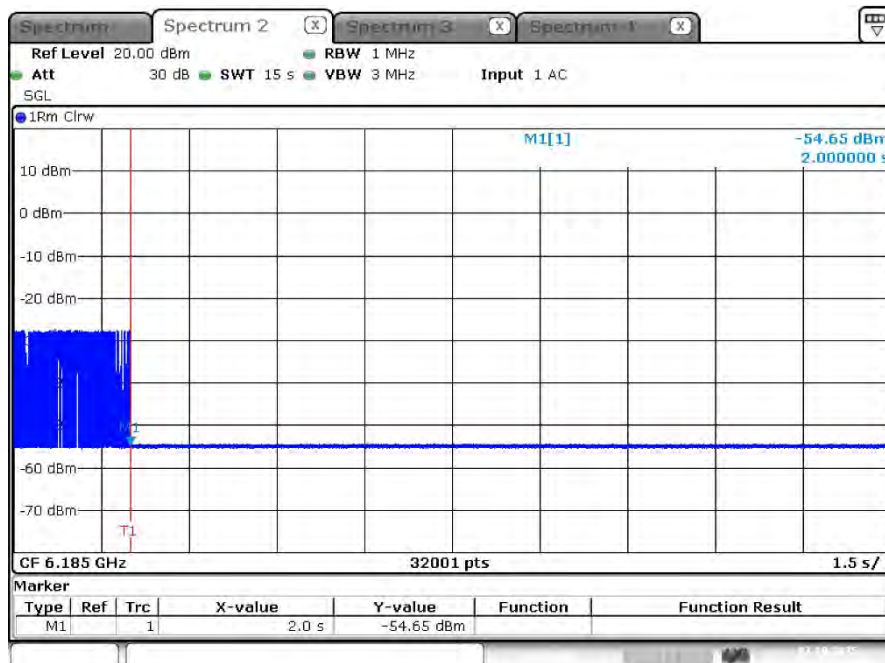
Test CH 47 ; Incumbent signal 6110 MHz



Date: 7.OCT.2025 08:27:43

Note : M1 : Inject AWGN signal

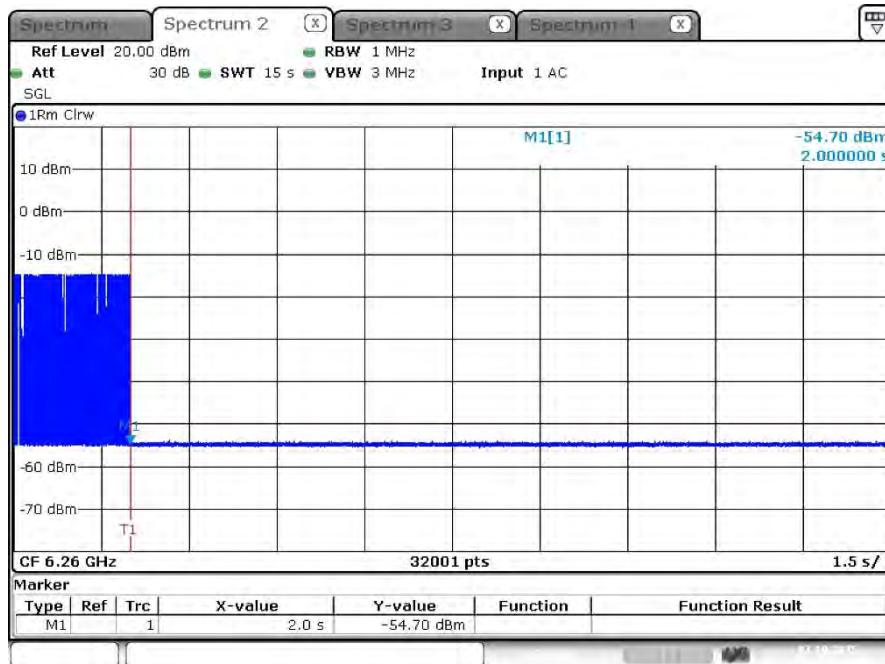
Test CH 47 ; Incumbent signal 6185 MHz



Date: 7.OCT.2025 08:35:52

Note : M1 : Inject AWGN signal

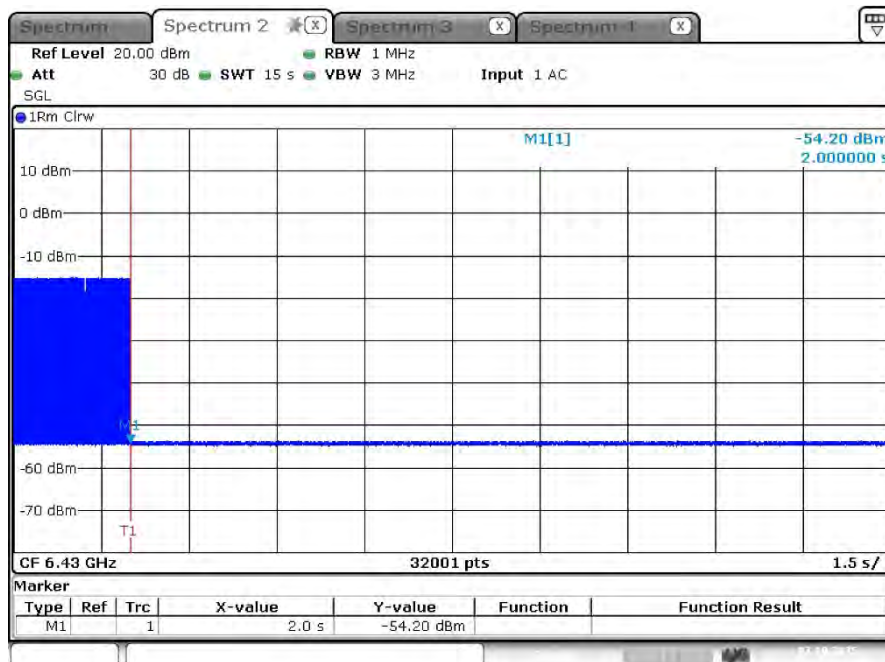
Test CH 47 ; Incumbent signal 6260 MHz



Date: 7.OCT.2025 08:42:49

Note : M1 : Inject AWGN signal

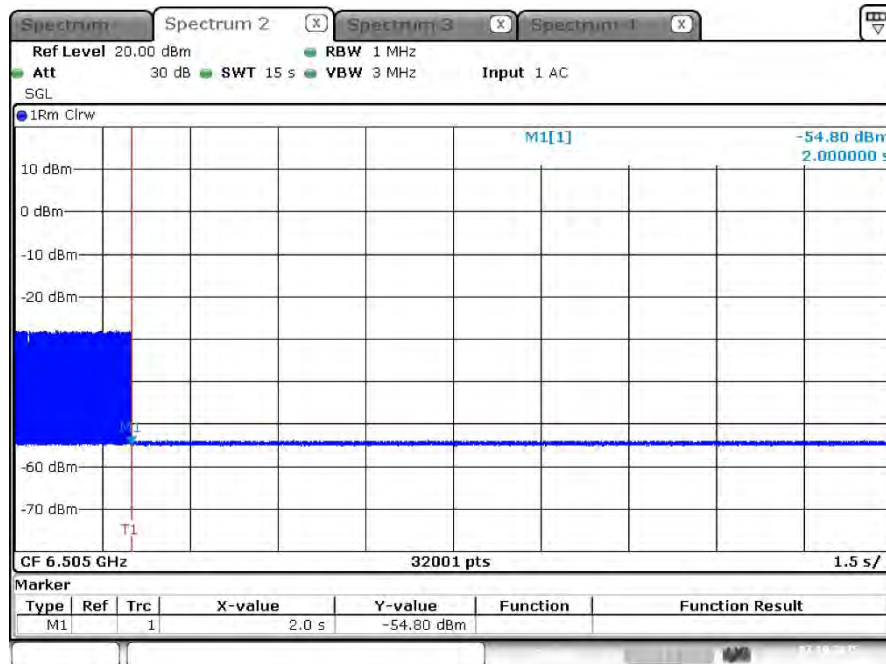
Test CH 111 ; Incumbent signal 6430 MHz



Date: 7.OCT.2025 08:59:23

Note : M1 : Inject AWGN signal

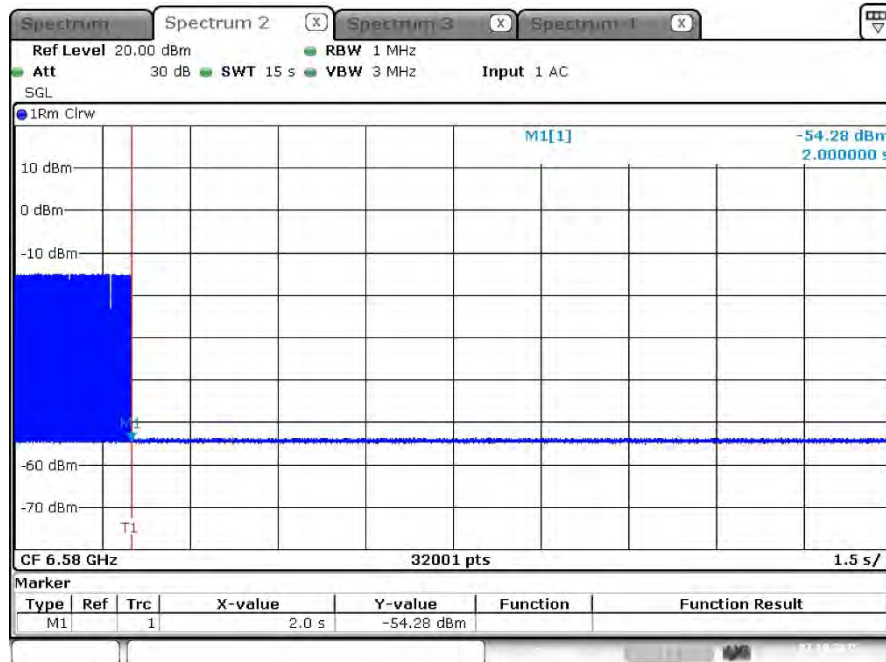
Test CH 111 ; Incumbent signal 6505 MHz



Date: 7.OCT.2025 09:07:18

Note : M1 : Inject AWGN signal

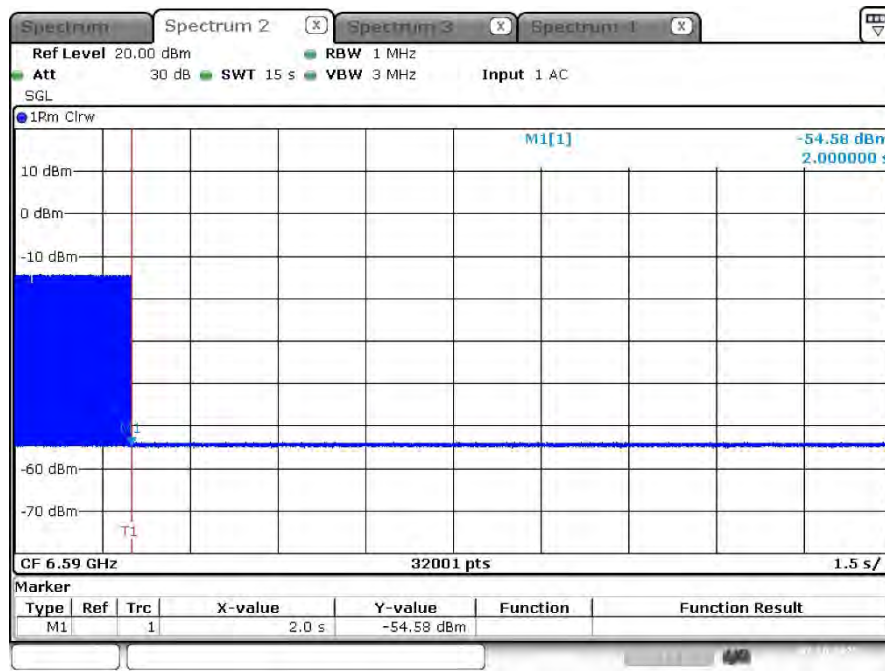
Test CH 111 ; Incumbent signal 6580 MHz



Date: 7.OCT.2025 10:47:29

Note : M1 : Inject AWGN signal

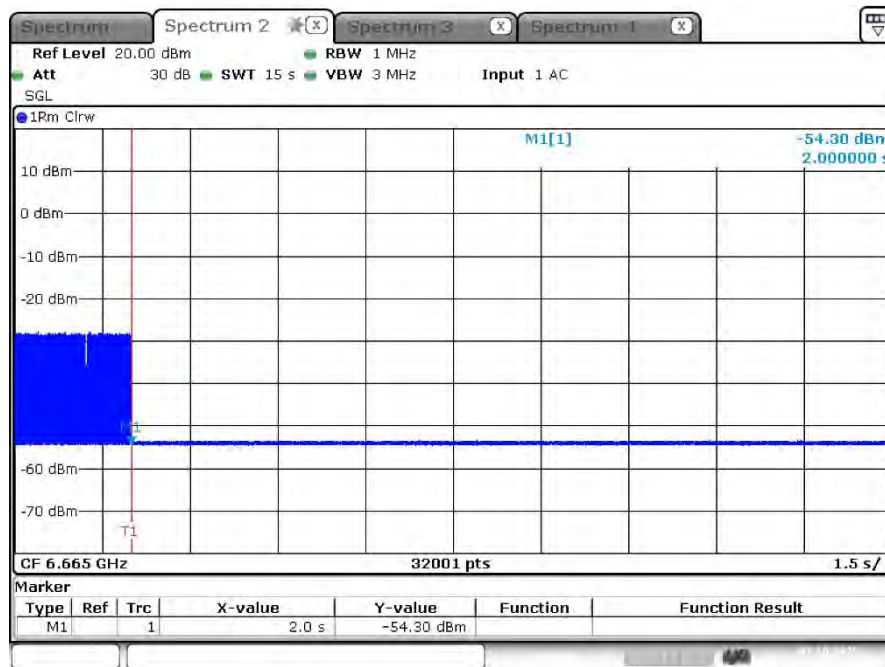
Test CH 143 ; Incumbent signal 6590 MHz



Date: 7.OCT.2025 10:56:52

Note : M1 : Inject AWGN signal

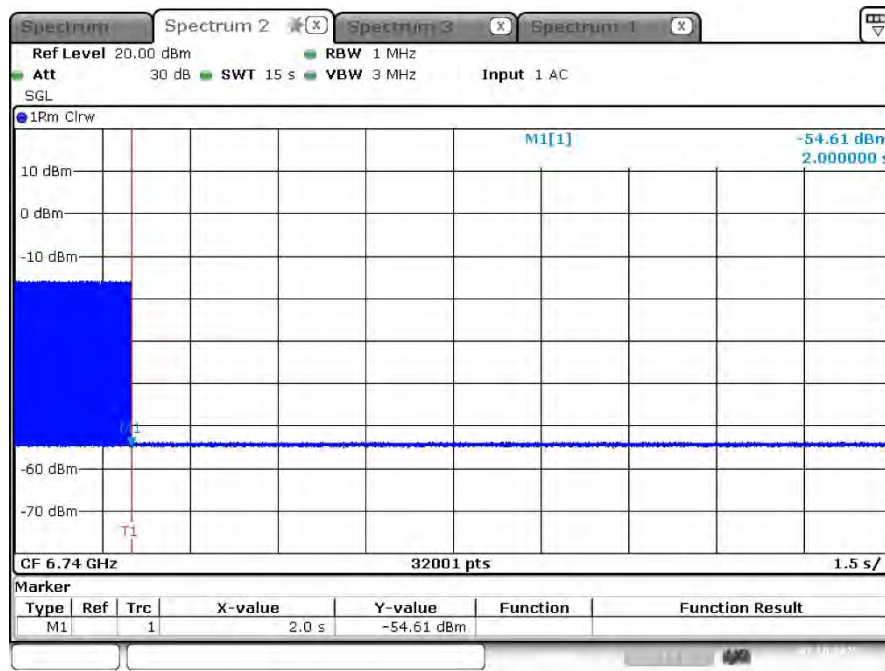
Test CH 143 ; Incumbent signal 6665 MHz



Date: 7.OCT.2025 11:01:49

Note : M1 : Inject AWGN signal

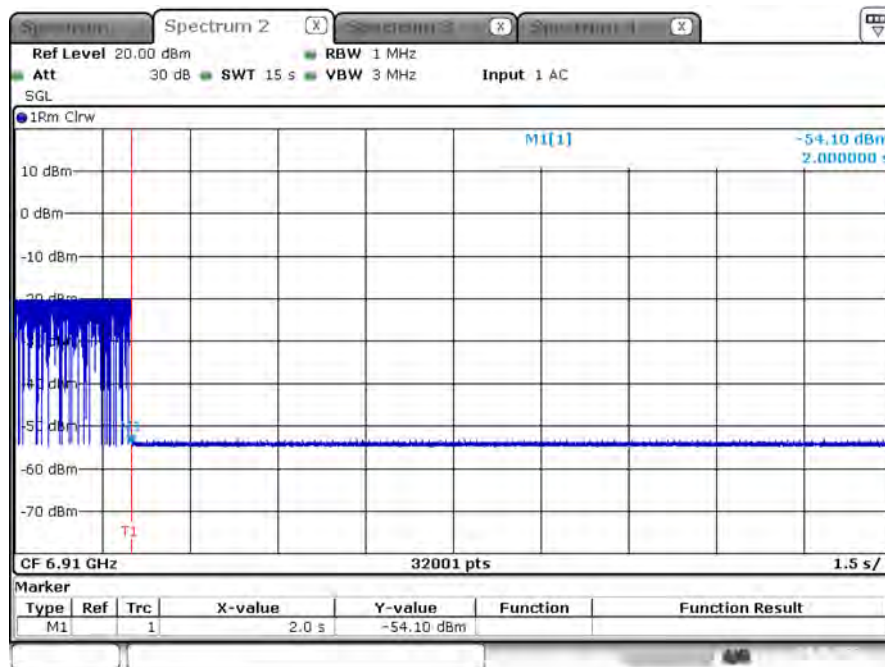
Test CH 143 ; Incumbent signal 6740 MHz



Date: 7.OCT.2025 11:13:00

Note : M1 : Inject AWGN signal

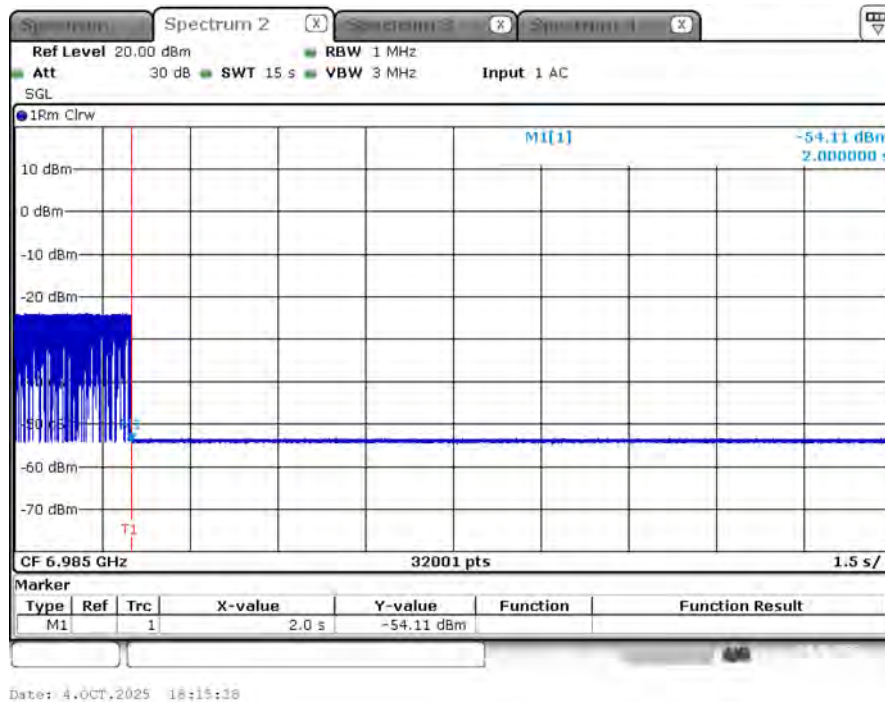
Test CH 207 ; Incumbent signal 6910 MHz



Date: 4.OCT.2025 18:02:58

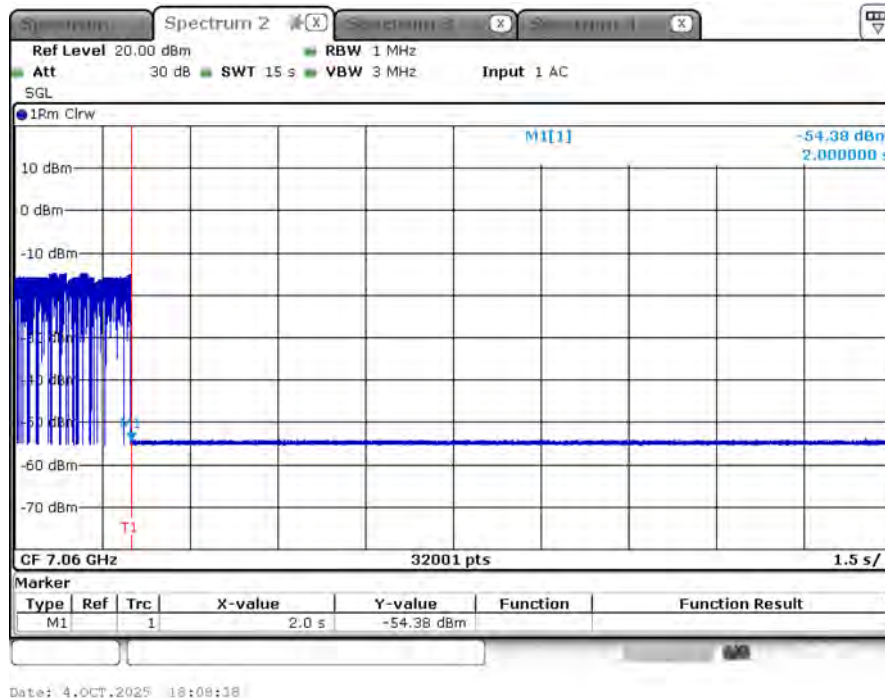
Note : M1 : Inject AWGN signal

Test CH 207 ; Incumbent signal 6985 MHz



Note : M1 : Inject AWGN signal

Test CH 207 ; Incumbent signal 7060 MHz



Note : M1 : Inject AWGN signal

—THE END—