

Japan Test Report

Report No: WD-RJ-R-250266-D0

Product Name : Audio Device
Model Name : ACVC
Applicant : inMusic Brands, Inc.
Received Date : Jun. 03, 2025
Tested Date : Jun. 20, 2025 ~ Sep. 15, 2025
Applicable Standard : MIC notice 88 Appendix 45 Article 2 Paragraph 1 of Item 19-3



Wendell Industrial Co., Ltd
Wendell EMC & RF Laboratory

Caution:

This report sets forth our findings solely with respect to the test samples identified herein. The results set forth in this report are not indicative or representative of the quality or characteristics of the lot from which a test sample was taken or any similar or identical product unless specifically and expressly noted.

The test results shown in the test report are traceable to the national/international standard through the calibration report of the equipment.

Please note that the measurement uncertainty are provided for informational purpose only and are not used in determining the Pass/Fail results.

This report must not be used to claim product endorsement by TAF or any agency of the government.

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Test Report

Issued Date: September 15, 2025

Project No.: 25Q043004

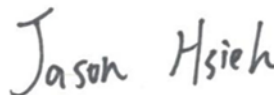
Product Name	Audio Device
Trade Name	AKAI PROFESSIONAL
Model Name	ACVC
Applicant	inMusic Brands, Inc.
Manufacturer	inMusic Brands, Inc.
EUT Rated Voltage	AC 100 ~ 240V / 50 or 60Hz
EUT Test Voltage	AC 100V / 50Hz
EUT Supports Radios Application	WLAN 802.11a/b/g WLAN 802.11n (HT20/HT40) WLAN 802.11ac(VHT20/40/80) and ax(HE20/40/80) Bluetooth BR/EDR/LE
Applicable Standard	MIC notice 88 Appendix 45 Article 2 Paragraph 1 of Item 19-3
Test Result	Complied

Documented :



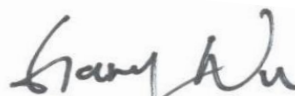
(Specialist / Emma Lu)

Technical Engineer :



(Section Manager / Jason Hsieh)

Approved :



(Project Manager / Gary Wu)

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Document Revision History

Report No.	Issue date	Description
WD-RJ-R-250266-D0	September 15, 2025	Initial report

Summary of Test Result

Ref. Std. Clause (STD-T71)	Test Items	Result
3.1.2(2)	Antenna Power	Pass
3.1.2(3)	Tolerances for Antenna Power	Pass
3.1.2(4)	Frequency Tolerance	Pass
3.1.2(5)	EIRP	Pass
3.1.2(7)	Transmission burst length	Pass
3.1.2(8)	Unwanted Emission Strength	Pass
3.1.2(9)	Adjacent Channel Leakage Power	Pass
3.1.2(11)	Occupied Bandwidth	Pass
3.1.3	Receiver Emission	Pass
3.1.7	Carrier Sensing	Pass

1 Generation Information

1.1 Applicant

inMusic Brands, Inc.
200 Scenic View Drive, Cumberland, RI 02864, U.S.A.

1.2 Manufacturer

inMusic Brands, Inc.
200 Scenic View Drive, Cumberland, RI 02864, U.S.A.

1.3 Description of Equipment under Test

Product Name	Audio Device		
Model No.	ACVC		
HW Version	ACVC		
FW Version	V.2		
MAC Address	9C:B8:B4:5F:1F:82		
Frequency Range	802.11a/n-HT20/ac-VHT20/ax-HE20: 5180~5240MHz 802.11n-HT40/ac-VHT40/ax-HE40: 5190~5230MHz 802.11ac-VHT80/ax-HE80: 5210MHz		
Number of Channels	802.11a/n/ac/ax-20MHz: 3 802.11n/ac/ax-40MHz: 2 802.11ac/ax-80MHz: 1		
Data Rate	802.11a: 6-54Mbps 802.11n: up to 150Mbps 802.11ac: up to 780Mbps 802.11ax: up to 1021Mbps		
Type of Modulation	OFDM, BPSK, QPSK, 16QAM, 64QAM OFDMA, BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM		
Channel Control	Auto		
Support Bands	W52	☐	Outdoor AP
		☐	Indoor AP
		☐	Fixed Point to Point
		☒	Mobile and Portable Client
		☐	Peer to Peer Client
	W53、W56		
Antenna Information	Refer to the table “Antenna List”		

Declared Antenna Power		W52 Band (mW/MHz)	W53 Band (mW/MHz)	W56 Band (mW/MHz)
	802.11a	4.70	--	--
	802.11n/ac/ax-20MHz	5.80	--	--
	802.11n/ac/ax-40MHz	3.00	--	--
	802.11ac/ax-80MHz	1.40	--	--

The EUT uses following adapter.

Trade Name	SUNNY ELECTRONICS CORP.
Model No.	SYS1548-6519-T3
Input Power	AC 100-240V~,1.5A MAX, 50-60Hz
Output Power	DC 19V / 3.42 A
Power Line	Non-shielded, Non-Core, 1.5m

1.4 Antenna List

No.	Manufacturer	Model No.	Antenna Type	Peak Gain
1	Brito Technology	OTDB1EM60-I0350	PCB Antenna	2 dBi for W52
2	Brito Technology	OTDB1EM60-I0350	PCB Antenna	2 dBi for W52

1.5 Channel List

802.11a/n/ac/ax HT20/VHT20/HE20		802.11n/ac/ax HT40/VHT40/HE40		802.11ac/ax VHT80/HE80	
Channel	Frequency(MHz)	Channel	Frequency(MHz)	Channel	Frequency(MHz)
36	5180	38	5190	42	5210
44	5220	46	5230	--	--
48	5240	--	--	--	--

1.6 Use Cable Loss

Frequency (MHz)	Cable Loss (dBm)	
	Chain A	Chain B
30 ~ 1000	0.92	0.92
1000 ~ 2400	0.95	0.95
2400 ~ 2500	1.01	1.01
2500 ~ 12500	1.96	1.96
12500 ~ 26000	8.76	8.76

Note : Cable Loss = Signal Generation Output Value - Power Meter Reading Value

1.7 Test Software and Test Mode

(1) Parameters of test software setting

The RF Antenna power selection is for the setting of RF Antenna power expected by the customer and is going to be fixed on the firmware of the final end product.

Test Software	putty_Release_0.60			
Type of Modulation	Channel	Frequency (MHz)	Set Value	
			Chain A	Chain B
802.11a	36	5180	7	7
	44	5220	7	7
	48	5240	7	7
802.11ac VHT20	36	5180	7	7
	44	5220	7	7
	48	5240	7	7
802.11ac VHT40	38	5190	10	10
	46	5230	10	10
802.11ac VHT80	42	5210	10	10
802.11ax HE20	36	5180	7	7
	44	5220	7	7
	48	5240	7	7
802.11ax HE40	38	5190	8	8
	46	5230	8	8
802.11ax HE80	42	5210	8	8

(2) Test Mode

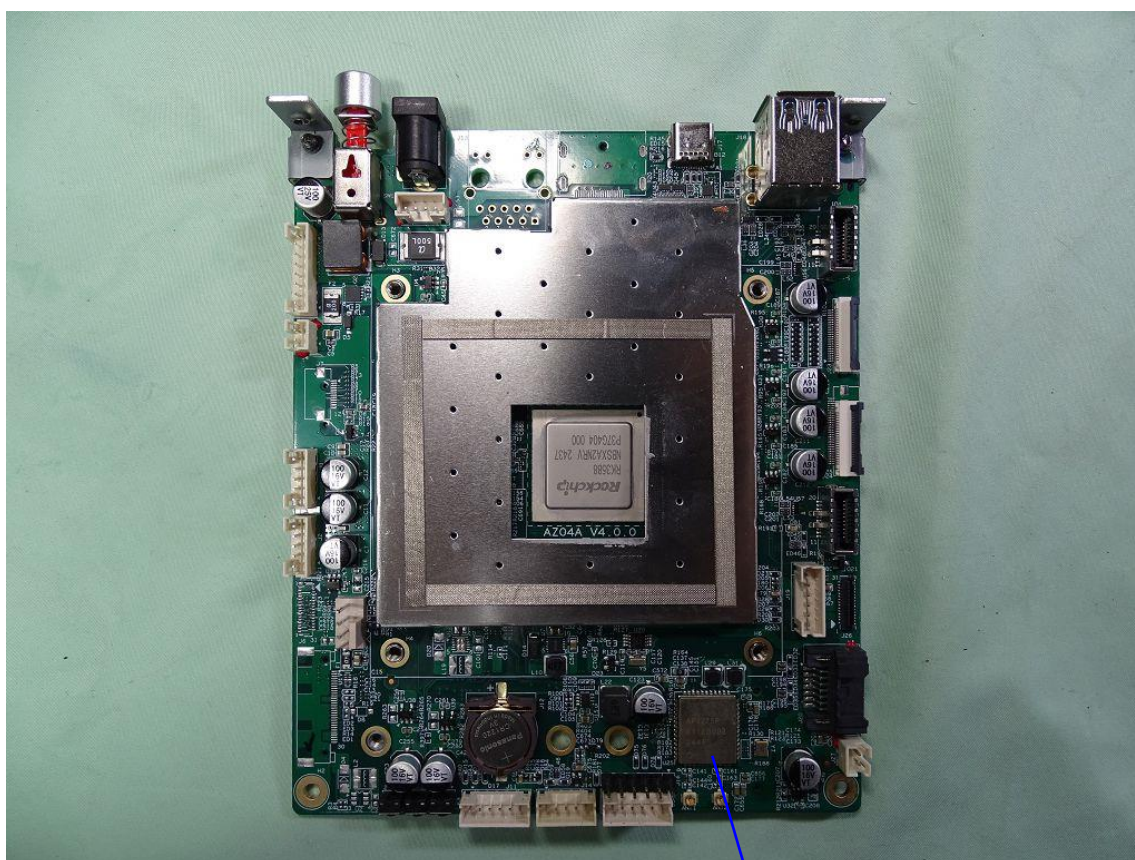
Mode 1 : Transmit (802.11a)
Mode 2 : Transmit (802.11ac VHT20)
Mode 3 : Transmit (802.11ac VHT40)
Mode 4 : Transmit (802.11ac VHT80)
Mode 5 : Transmit (802.11ax HE20)
Mode 6 : Transmit (802.11ax HE40)
Mode 7 : Transmit (802.11ax HE80)
Mode 8 : Receiver (802.11a)
Mode 9 : Receiver (802.11ac VHT20)
Mode 10 : Receiver (802.11ac VHT40)
Mode 11 : Receiver (802.11ac VHT80)
Mode 12 : Receiver (802.11ax HE20)
Mode 13 : Receiver (802.11ax HE40)
Mode 14 : Receiver (802.11ax HE80)
Mode 15 : Transmit-Normal WLAN 5GHz

Note:

Lowest and highest data rates are tested in each mode. Only worst case is shown in the report.

1.8 RF and IF section must be tamper requirement

Requirement	Comments	Result
RF, IF and Modulation section must be tamper	☒ Use Shielding case ☐ Use Unique screw ☐ Use By ultrasonic ☐ Use Adhesive ☐ Use Ball Grid Array (BGA)	Complied
	☐ RF module/Chip pin >20, Chip pins distance <1.5mm	--

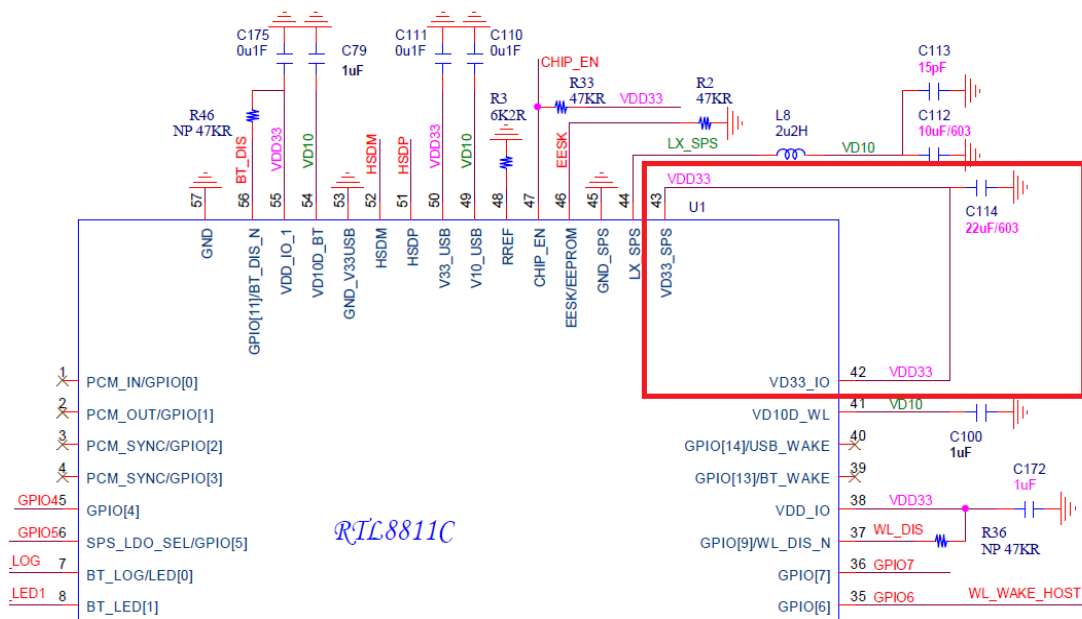


RF Module

1.9 Voltage Change

Input Voltage (V)		Measured Result (V)	Difference (%)	Limit (%)	Result
Low	90	3.2878	0.012	$\leq \pm 1$	Complied
Normal	100	3.2882	--	--	--
High	110	3.2876	0.018	$\leq \pm 1$	Complied

Note : When EUT be operated at $\pm 10\%$ from the normal supply voltage, the supply voltage of RF part was varied within $\pm 1\%$. All test cases were done under the normal supply voltage.



1.10 Test Facility

Items	Required (JIS Z8703)	Actual
Temperature (°C)	20 、 23 、 25	25
Humidity (% RH)	50 、 65	65
Barometric pressure (mbar)	860 ~ 1060	950 ~ 1010

Description: Accredited by TAF

Accredited Number: 2965

Issued by: Wendell Industrial Co., Ltd

Company Address: 6F/6F-1, No.188, Baoqiao Rd., Xindian Dist.,
New Taipei City 23145, Taiwan R.O.C

Test Lab: Wendell EMC & RF Laboratory

Lab Address: 5F-1, No.188, Baoqiao Rd., Xindian Dist.,
New Taipei City 23145, Taiwan R.O.C

Test Location: No. 119, Wugong 3rd Rd., Wugu Dist.,
New Taipei City 248, Taiwan (R.O.C.)

1.11 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)

Measurement Project	Expanded Uncertainty
Unwanted Emission Strength Measurement	± 1.4 dB
RF Power, Conducted	± 1.3 dB
Occupied Bandwidth	± 2.4 %
Power Density	± 1.2 dB
Duty Cycle	± 0.9 %
Frequency Stability	± 0.068 ppm
DC Power Supply	± 2.1 %
Temperature	± 0.58 °C
Humidity	± 3.3 %

Note: Please note that the measurement uncertainty are provided for informational purpose only and are not used in determining the Pass/Fail results.

1.12 List of Test Equipment

For Conducted measurements / RF Conducted Measurement Room

Equipment	Manufacturer	Model No.	Serial No.	Calibration Date	Due Date	Calibration Body	Calibration Method
Spectrum analyzer	Keysight	N9010A	SG50420005	2025/08/14	2026/08/13	ETC	(c)
Cable	Marvelous Microwave Inc.	280280.LL266.300	B90007C	2025/08/12	2026/08/11	ETC	(c)
Cable	Marvelous Microwave Inc.	280280.LL266.300	B90008C	2025/08/12	2026/08/11	ETC	(c)
Wideband Peak Power Meter	Anritsu	ML2495A	1733007	2024/09/05	2025/09/04	ITRI	(c)
Pulse Power Sensor + Precision Adaptor	Anritsu	MA2411B	1726022	2024/09/05	2025/09/04	ITRI	(c)
* Wireless Connectivity Tester	R&S	CMW270	101307	2025/06/07	2026/06/06	ETC	(c)
Attenuator	MVE	MVE2211-10	CT-9-056	2024/08/08	2026/08/07	ETC	(c)
Attenuator	MVE	MVE2211-20	CT-9-057	2024/08/08	2026/08/07	ETC	(c)
Attenuator	MVE	MVE2211-30	CT-9-058	2024/08/08	2026/08/07	ETC	(c)
Power Divider	MVE	MVE8546	170826003	2024/08/08	2026/08/07	ETC	(c)
Power Splitter	MVE	MVE8547	170302047	2024/08/10	2026/08/09	ETC	(c)
DC Power Supply	GW INSTEK	GPC-3060D	GER817636	2025/08/05	2026/08/04	ETC	(c)
Multimeter	UNI-T	UT61E+	C242358437	2024/09/23	2026/09/22	TAI YI	(c)
Pad	sunmi	P2	N/A	(*)		--	--
Access Point	pakedge	WK-2	WK-2C0815A10023	(*)		--	--
Protocol Monitor	Information of Laptop that is installed a wireshark Version 3.0.0			(*)		--	--

Remark:

1. The equipments are calibrated every one year.
2. The Attenuator/ Divider/ Splitter/ Multimeter are calibrated every two year.
3. (a) Calibration conducted by the National Institute of Information and Communications Technology(NICT) (hereinafter referred to as "NICT") or a designated calibration agency under Article 102-18 paragraph (1).
(b) Correction conducted pursuant to the provisions of Article 135 or Article 144 of the Measurement Law (Law No. 51 of 1992).
(c) Calibration conducted in foreign countries, which shall be equivalent to the calibration conducted by the NICT or a designated agency under Article 102-18 paragraph (1).
(d) Calibration conducted by using other equipment that listed above from a) to c).
4. (*)The equipment is not used to measure accompanied with physical quantity.

2 Test Result

2.1 Antenna Power 、EIRP and Tolerances for Antenna Power

2.1.1 Limit

802.11a/VHT20/HE20

Item	Limit		
	W52	W53	W56
Antenna Power	10mW(10dBm)/MHz	10mW(10dBm)/MHz	10mW(10dBm)/MHz
EIRP (With TPC)	--	10mW(10dBm)/MHz	50mW(16.98dBm)/MHz
EIRP (Without TPC)	10mW(10dBm)/MHz	5mW(6.98dBm)/MHz	25mW(13.97dBm)/MHz
Tolerances for Antenna Power	+20% ~ -80%	+20% ~ -80%	+50% ~ -50%

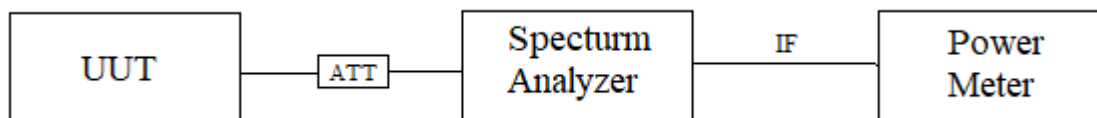
802.11VHT40/HE40

Item	Limit		
	W52	W53	W56
Antenna Power	5mW(6.98dBm)/MHz	5mW(6.98dBm)/MHz	5mW(6.98dBm)/MHz
EIRP (With TPC)	--	5mW(6.98dBm)/MHz	25mW(13.97dBm)/MHz
EIRP (Without TPC)	5mW(6.98dBm)/MHz	2.5mW(3.97dBm)/MHz	12.5mW(10.96dBm)/MHz
Tolerances for Antenna Power	+20% ~ -80%	+20% ~ -80%	+50% ~ -50%

802.11VHT80/HE80

Item	Limit		
	W52	W53	W56
Antenna Power	2.5mW(3.97dBm)/MHz	2.5mW(3.97dBm)/MHz	2.5mW(3.97dBm)/MHz
EIRP (With TPC)	--	2.5mW(3.97dBm)/MHz	12.5mW(10.96dBm)/MHz
EIRP (Without TPC)	2.5mW(3.97dBm)/MHz	1.25mW(0.96dBm)/MHz	6.25mW(7.95dBm)/MHz
Tolerances for Antenna Power	+20% ~ -80%	+20% ~ -80%	+50% ~ -50%

2.1.2 Test Setup



2.1.3 Test Procedure

A spectrum analyzer or similar device shall be used to observe a sample of the modulated transmitter's radio frequency power output.

- (a) A sample detector function must be used.
- (b) A measurement instrument with an integrated 1MHz power bandwidth function may be used to automate the test process.
- (c) The measurement instrument bandwidth and span must be set sufficiently with, and, the scan time set sufficiently slow, to ensure all major modulation products are captured. Note that the measurement bandwidth should also be set sufficiently narrow to avoid adding significant error to the test result.
- (d) 'Maximum Hold' mode may be used to accumulate the measurement result over several scans provided the emission is repetitive in nature

2.1.4 Test Result

Product : Audio Device

Test Item : Antenna Power 、EIRP and Tolerances for Antenna Power

Test Mode : Mode 1 : Transmit (802.11a)

Test Voltage : 100V

Freq. (MHz)	Antenna Power						Limit		Result
	Chain A		Chain B		Total		mW/MHz	%	
	dBm/MHz	mW/MHz	dBm/MHz	mW/MHz	mW/MHz	%			
5180	2.972	1.98	3.855	2.43	4.41	-6.13	≤ 10	+20 ~ -80	Pass
5220	3.192	2.09	3.593	2.29	4.37	-6.97	≤ 10	+20 ~ -80	Pass
5240	3.317	2.15	3.841	2.42	4.57	-2.81	≤ 10	+20 ~ -80	Pass

Note :

(1) Antenna Power = Reading value + cable loss

(2) Total % = (Antenna power – Declared Antenna Power) / Declared Antenna Power * 100%

Frequency (MHz)	Total Antenna Power (mW/MHz)	Antenna Gain (dBi)		Total EIRP (mW/MHz)	EIRP Limit (mW/MHz)	Result
		Chain A	Chain B			
5180	4.41	2.00	2.00	6.97	≤ 10	Pass
5220	4.37	2.00	2.00	6.91	≤ 10	Pass
5240	4.57	2.00	2.00	7.22	≤ 10	Pass

Note :

(1) Antenna Gain = Max Antenna Gain

(2) EIRP = Total Antenna Power + Antenna Gain

Product : Audio Device
Test Item : Antenna Power & EIRP
Test Mode : Mode 2 : Transmit (802.11ac VHT20)
Test Voltage : 100V

Freq. (MHz)	Antenna Power						Limit		Result
	Chain A		Chain B		Total		mW/MHz	%	
	dBm/MHz	mW/MHz	dBm/MHz	mW/MHz	mW/MHz	%			
5180	3.383	2.18	3.425	2.20	4.38	-2.68	≤ 10	+20 ~ -80	Pass
5220	3.116	2.05	3.331	2.15	4.20	-6.61	≤ 10	+20 ~ -80	Pass
5240	2.603	1.82	2.992	1.99	3.81	-15.28	≤ 10	+20 ~ -80	Pass

Note :

(1) Antenna Power = Reading value + cable loss

(2) Total % = (Antenna power – Declared Antenna Power) / Declared Antenna Power * 100%

Frequency (MHz)	Total Antenna Power (mW/MHz)	Antenna Gain (dBi)		Total EIRP (mW/MHz)	EIRP Limit (mW/MHz)	Result
		Chain A	Chain B			
5180	4.38	2.00	2.00	6.92	≤ 10	Pass
5220	4.20	2.00	2.00	6.64	≤ 10	Pass
5240	3.81	2.00	2.00	6.02	≤ 10	Pass

Note :

(1) Antenna Gain = Max Antenna Gain

(2) EIRP = Total Antenna Power + Antenna Gain

Product : Audio Device
Test Item : Antenna Power & EIRP
Test Mode : Mode 3 : Transmit (802.11ac VHT40)
Test Voltage : 100V

Freq. (MHz)	Antenna Power						Limit		Result
	Chain A		Chain B		Total		mW/MHz	%	
	dBm/MHz	mW/MHz	dBm/MHz	mW/MHz	mW/MHz	%			
5190	1.338	1.36	1.835	1.53	2.89	-3.78	≤ 5	+20 ~ -80	Pass
5230	1.377	1.37	1.796	1.51	2.89	-3.82	≤ 5	+20 ~ -80	Pass

Note :

- (1) Antenna Power = Reading value + cable loss
- (2) Total % = (Antenna power – Declared Antenna Power) / Declared Antenna Power * 100%

Frequency (MHz)	Total Antenna Power (mW/MHz)	Antenna Gain (dBi)		Total EIRP (mW/MHz)	EIRP Limit (mW/MHz)	Result
		Chain A	Chain B			
5190	2.89	2.00	2.00	4.56	≤ 5	Pass
5230	2.89	2.00	2.00	4.56	≤ 5	Pass

Note :

- (1) Antenna Gain = Max Antenna Gain
- (2) EIRP = Total Antenna Power + Antenna Gain

Product : Audio Device
Test Item : Antenna Power & EIRP
Test Mode : Mode 4 : Transmit (802.11ac VHT80)
Test Voltage : 100V

Freq. (MHz)	Antenna Power						Limit		Result
	Chain A		Chain B		Total		mW/MHz	%	
	dBm/MHz	mW/MHz	dBm/MHz	mW/MHz	mW/MHz	%			
5210	-2.596	0.55	-1.889	0.65	1.20	-7.90	≤ 2.5	+20 ~ -80	Pass

Note :

(1) Antenna Power = Reading value + cable loss

(2) Total % = (Antenna power – Declared Antenna Power) / Declared Antenna Power * 100%

Frequency (MHz)	Total Antenna Power (mW/MHz)	Antenna Gain (dBi)		Total EIRP (mW/MHz)	EIRP Limit (mW/MHz)	Result
		Chain A	Chain B			
5210	1.20	2.00	2.00	1.89	≤ 2.5	Pass

Note :

(1) Antenna Gain = Max Antenna Gain

(2) EIRP = Total Antenna Power + Antenna Gain

Product : Audio Device
Test Item : Antenna Power & EIRP
Test Mode : Mode 5 : Transmit (802.11ax HE20)
Test Voltage : 100V

Freq. (MHz)	Antenna Power						Limit		Result
	Chain A		Chain B		Total		mW/MHz	%	
	dBm/MHz	mW/MHz	dBm/MHz	mW/MHz	mW/MHz	%			
5180	4.169	2.61	4.866	3.07	5.68	-2.11	≤ 10	+20 ~ -80	Pass
5220	4.458	2.79	4.508	2.82	5.61	-3.19	≤ 10	+20 ~ -80	Pass
5240	4.300	2.69	4.435	2.78	5.47	-5.72	≤ 10	+20 ~ -80	Pass

Note :

- (1) Antenna Power = Reading value + cable loss
- (2) Total % = (Antenna power – Declared Antenna Power) / Declared Antenna Power * 100%

Frequency (MHz)	Total Antenna Power (mW/MHz)	Antenna Gain (dBi)		Total EIRP (mW/MHz)	EIRP Limit (mW/MHz)	Result
		Chain A	Chain B			
5180	5.68	2.00	2.00	8.97	≤ 10	Pass
5220	5.61	2.00	2.00	8.87	≤ 10	Pass
5240	5.47	2.00	2.00	8.64	≤ 10	Pass

Note :

- (1) Antenna Gain = Max Antenna Gain
- (2) EIRP = Total Antenna Power + Antenna Gain

Product : Audio Device
Test Item : Antenna Power & EIRP
Test Mode : Mode 6 : Transmit (802.11ax HE40)
Test Voltage : 100V

Freq. (MHz)	Antenna Power						Limit		Result
	Chain A		Chain B		Total		mW/MHz	%	
	dBm/MHz	mW/MHz	dBm/MHz	mW/MHz	mW/MHz	%			
5190	1.337	1.36	1.944	1.56	2.93	-2.50	≤ 5	+20 ~ -80	Pass
5230	1.058	1.28	1.489	1.41	2.68	-10.51	≤ 5	+20 ~ -80	Pass

Note :

- (1) Antenna Power = Reading value + cable loss
- (2) Total % = (Antenna power – Declared Antenna Power) / Declared Antenna Power * 100%

Frequency (MHz)	Total Antenna Power (mW/MHz)	Antenna Gain (dBi)		Total EIRP (mW/MHz)	EIRP Limit (mW/MHz)	Result
		Chain A	Chain B			
5190	2.93	2.00	2.00	4.62	≤ 5	Pass
5230	2.68	2.00	2.00	4.24	≤ 5	Pass

Note :

- (1) Antenna Gain = Max Antenna Gain
- (2) EIRP = Total Antenna Power + Antenna Gain

Product : Audio Device
Test Item : Antenna Power & EIRP
Test Mode : Mode 7 : Transmit (802.11ax HE80)
Test Voltage : 100V

Freq. (MHz)	Antenna Power						Limit		Result
	Chain A		Chain B		Total		mW/MHz	%	
	dBm/MHz	mW/MHz	dBm/MHz	mW/MHz	mW/MHz	%			
5210	-2.175	0.61	-1.522	0.70	1.31	-6.40	≤ 2.5	+20 ~ -80	Pass

Note :

(1) Antenna Power = Reading value + cable loss

(2) Total % = (Antenna power – Declared Antenna Power) / Declared Antenna Power * 100%

Frequency (MHz)	Total Antenna Power (mW/MHz)	Antenna Gain (dBi)		Total EIRP (mW/MHz)	EIRP Limit (mW/MHz)	Result
		Chain A	Chain B			
5210	1.31	2.00	2.00	2.07	≤ 2.5	Pass

Note :

(1) Antenna Gain = Max Antenna Gain

(2) EIRP = Total Antenna Power + Antenna Gain

2.2 Transmission burst length

2.2.1 Limit

Transmission burst length < 8ms

2.2.2 Test setup



2.2.1 Test Procedure

A spectrum analyzer or similar device shall be used to observe a sample of the modulated transmitter's radio frequency power output.

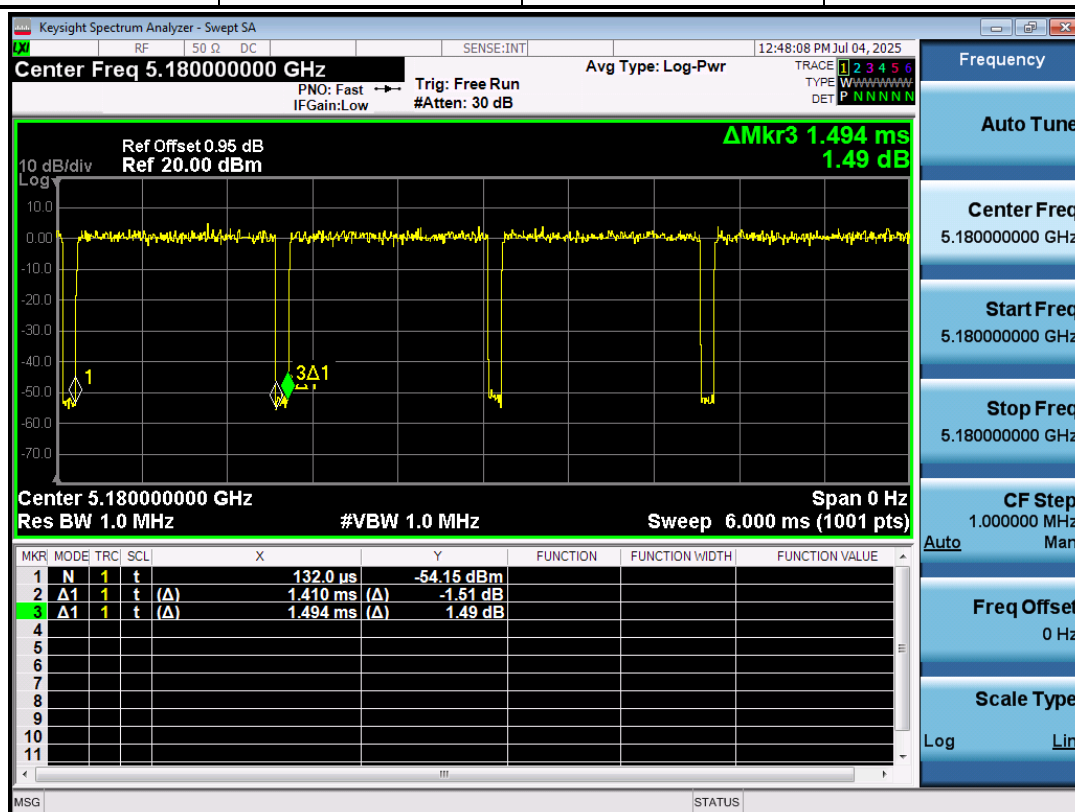
- (a) A positive peak detector function must be used.
- (b) The center frequency is set to the test frequency and the span is switched to zero.
- (c) The measurement instrument bandwidth must be set sufficiently with, and, the scan time set sufficiently slow, to ensure all major modulation products are captured. Note that the measurement bandwidth should also be set sufficiently narrow to avoid adding significant error to the test result.
- (d) "Single sweep" mode may be used to capture a packet over a single scan.

2.2.1 Test Result

Product : Audio Device
Test Item : Transmission burst length
Test Mode : Mode 1 : Transmit (802.11a)
Test Voltage : 100V

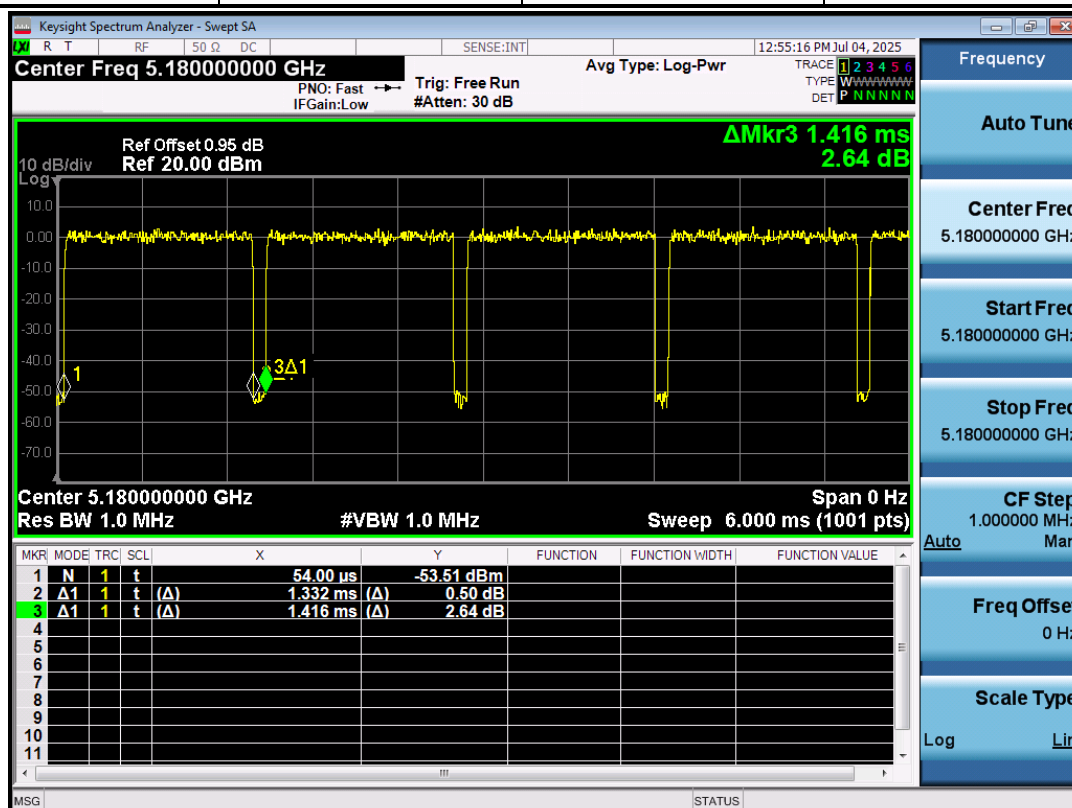
Chain A

Freq.(MHz)	Reading Value (ms)	Limit (ms)	Result
5180	1.410	< 8	Pass



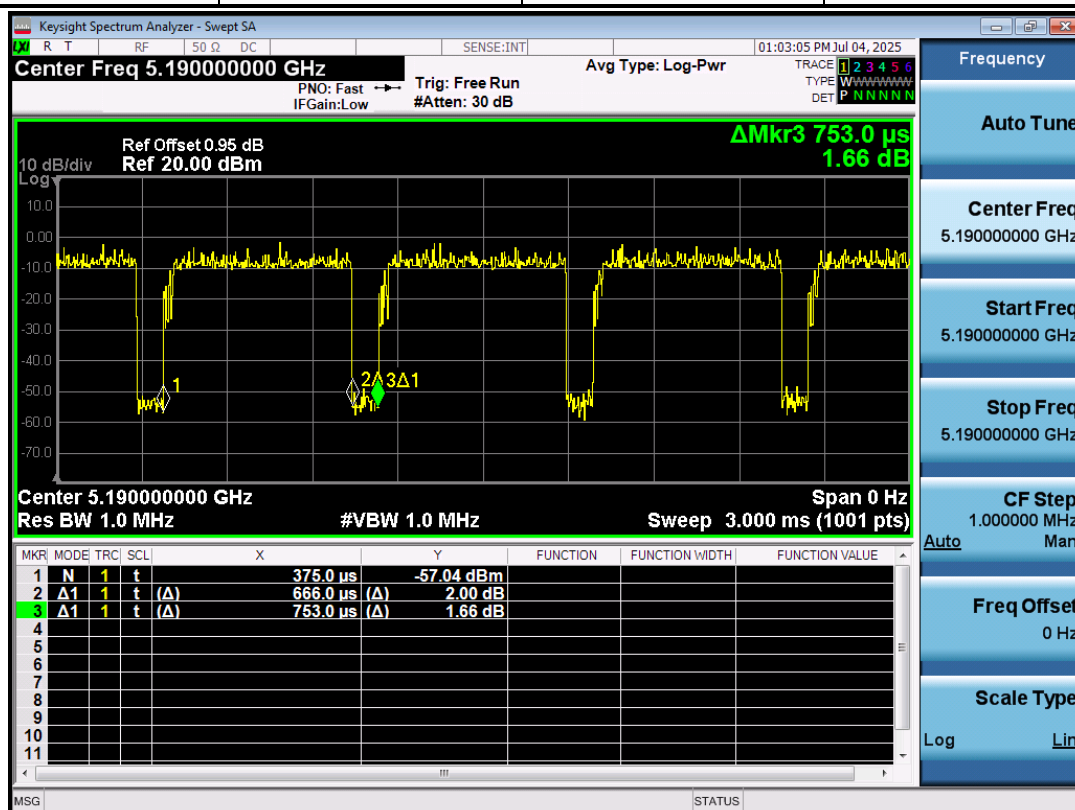
Product : Audio Device
Test Item : Transmission burst length
Test Mode : Mode 2 : Transmit (802.11ac VHT20)
Test Voltage : 100V

Freq.(MHz)	Reading Value (ms)	Limit (ms)	Result
5180	1.332	< 8	Pass



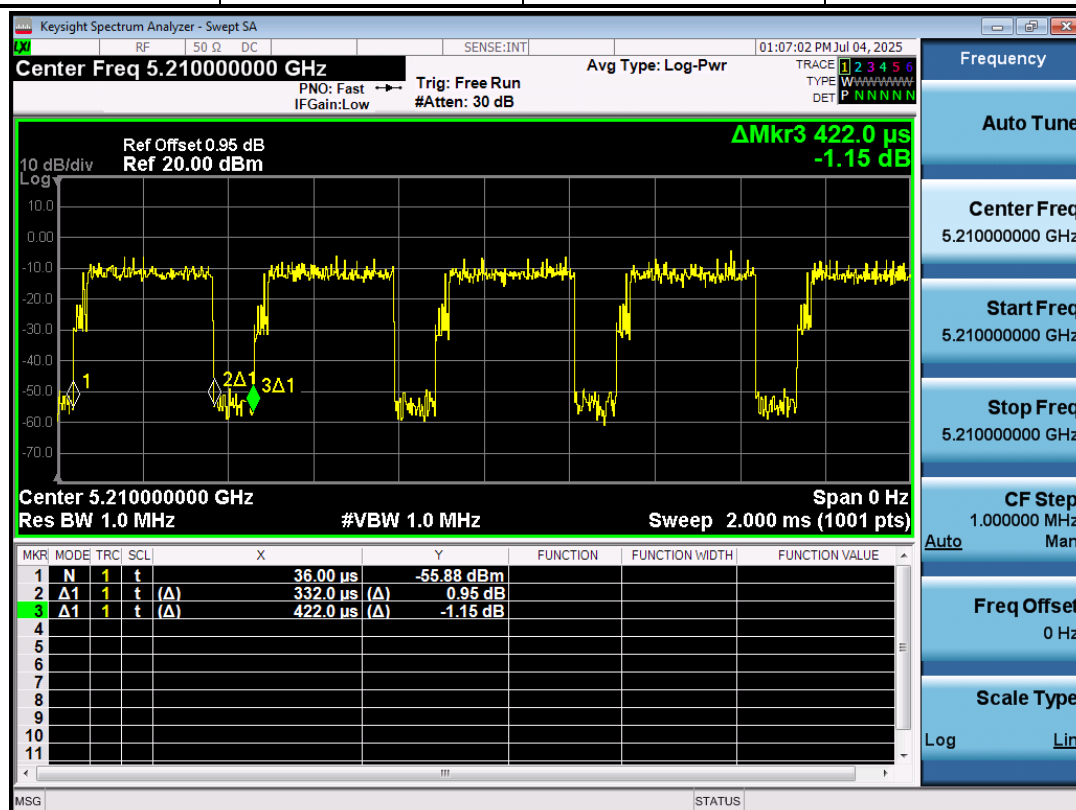
Product : Audio Device
Test Item : Transmission burst length
Test Mode : Mode 3 : Transmit (802.11ac VHT40)
Test Voltage : 100V

Freq.(MHz)	Reading Value (ms)	Limit (ms)	Result
5190	0.666	< 8	Pass



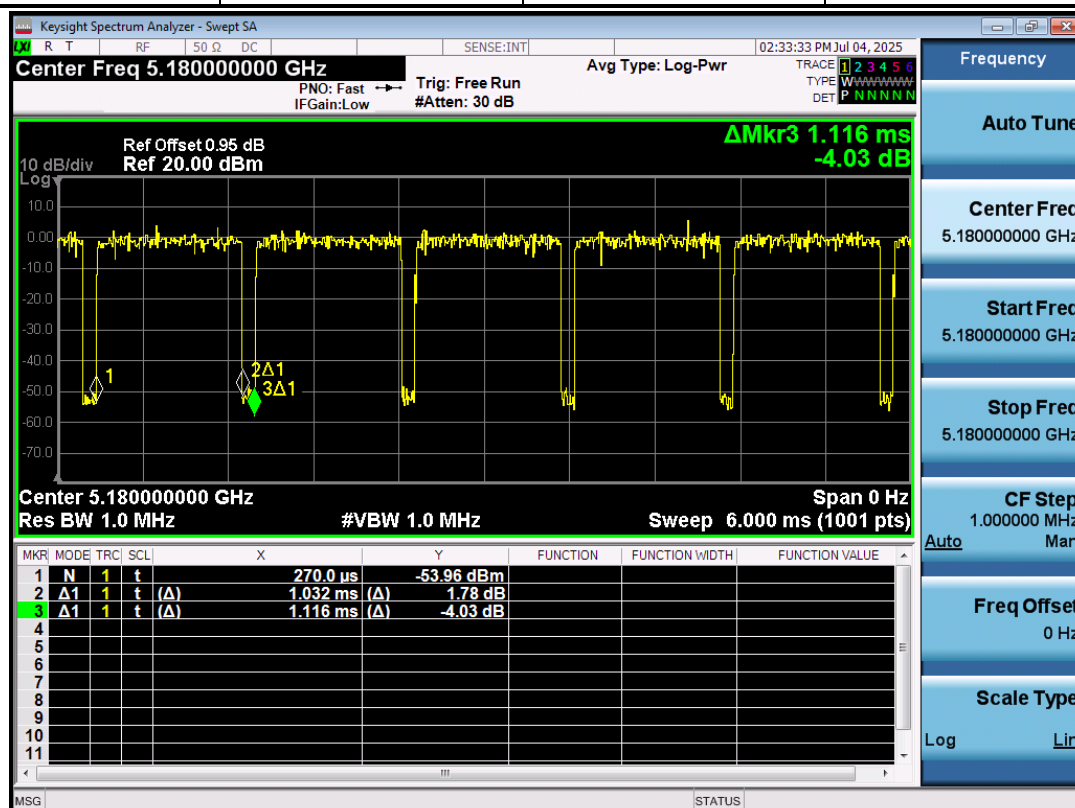
Product : Audio Device
Test Item : Transmission burst length
Test Mode : Mode 4 : Transmit (802.11ac VHT80)
Test Voltage : 100V

Freq.(MHz)	Reading Value (ms)	Limit (ms)	Result
5210	0.332	< 8	Pass



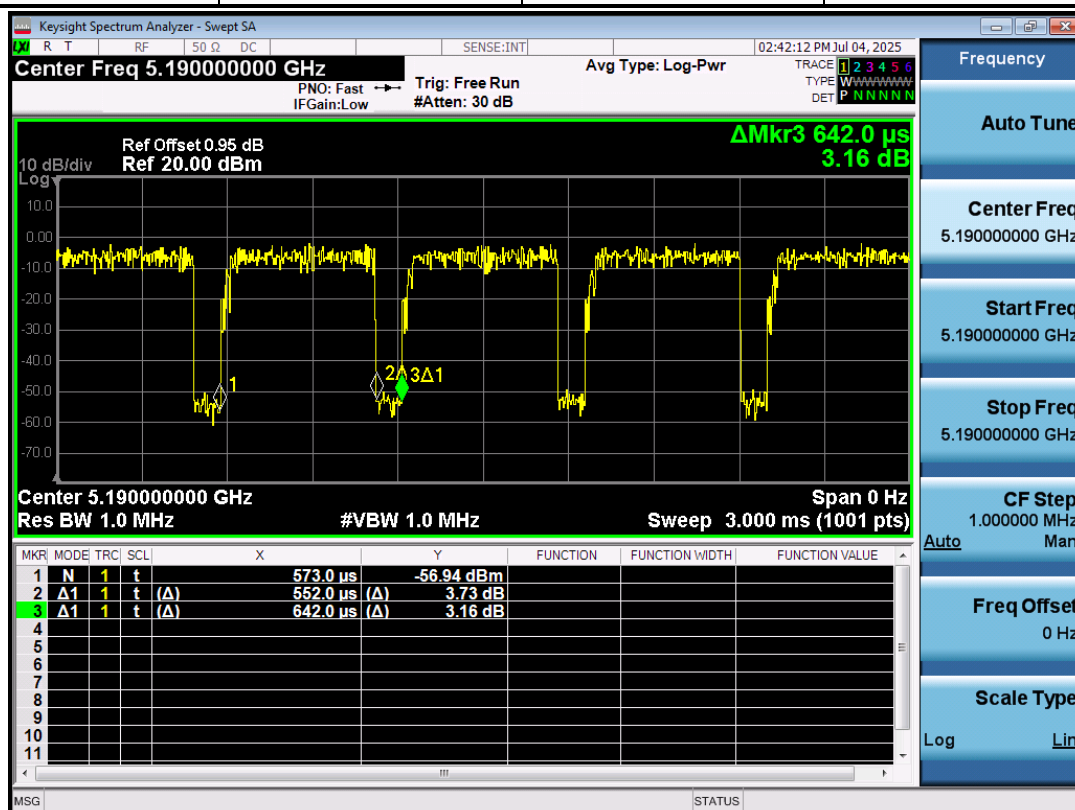
Product : Audio Device
Test Item : Transmission burst length
Test Mode : Mode 5 : Transmit (802.11ax HE20)
Test Voltage : 100V

Freq.(MHz)	Reading Value (ms)	Limit (ms)	Result
5180	1.032	< 8	Pass



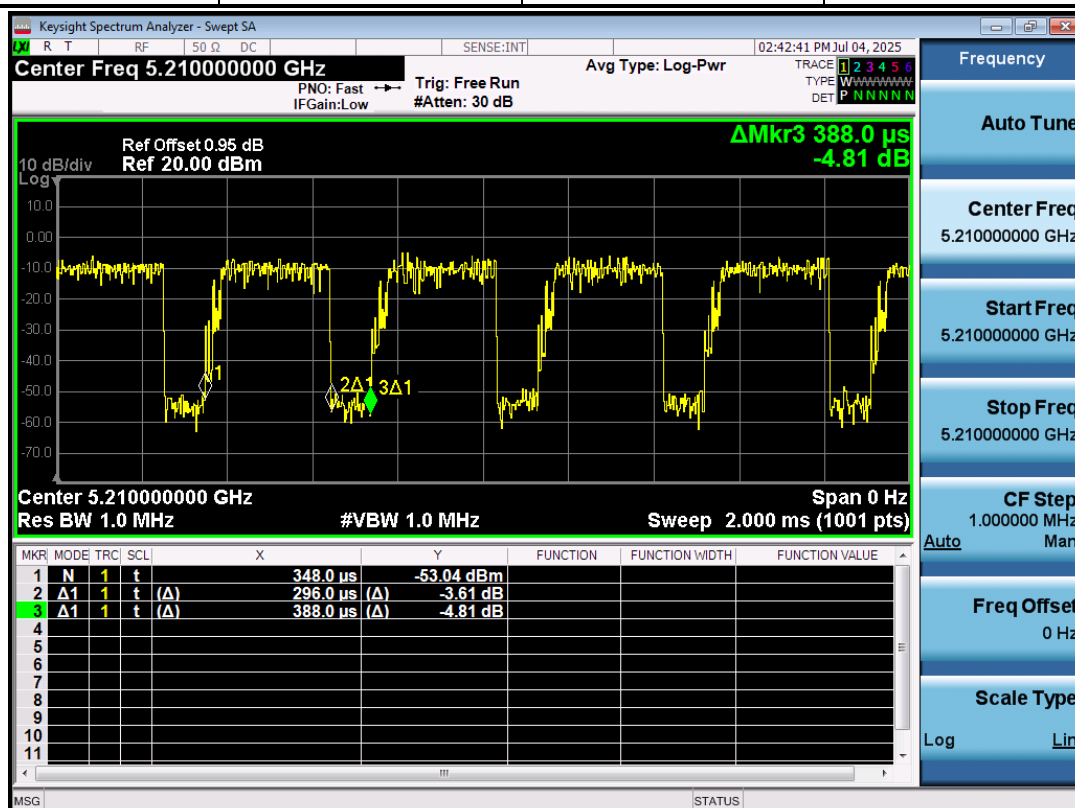
Product : Audio Device
Test Item : Transmission burst length
Test Mode : Mode 6 : Transmit (802.11ax HE40)
Test Voltage : 100V

Freq.(MHz)	Reading Value (ms)	Limit (ms)	Result
5190	0.552	< 8	Pass



Product : Audio Device
Test Item : Transmission burst length
Test Mode : Mode 7 : Transmit (802.11ax HE80)
Test Voltage : 100V

Freq.(MHz)	Reading Value (ms)	Limit (ms)	Result
5210	0.296	< 8	Pass



2.3 Frequency Tolerance

2.3.1 Limit

Frequency tolerance shall be ± 20 ppm.

2.3.2 Test setup



2.3.3 Test Procedure

A spectrum analyzer or similar device shall be used to observe a sample of the modulated transmitter's radio frequency power output.

- (a) A positive peak detector function must be used.
- (b) The measurement instrument bandwidth and span must be set sufficiently with, and, the scan time set sufficiently slow, to ensure all major modulation products are captured. Note that the measurement bandwidth should also be set sufficiently narrow to avoid adding significant error to the test result.
- (c) 'Maximum Hold' mode may be used to accumulate the measurement result over several scans provided the emission is repetitive in nature.

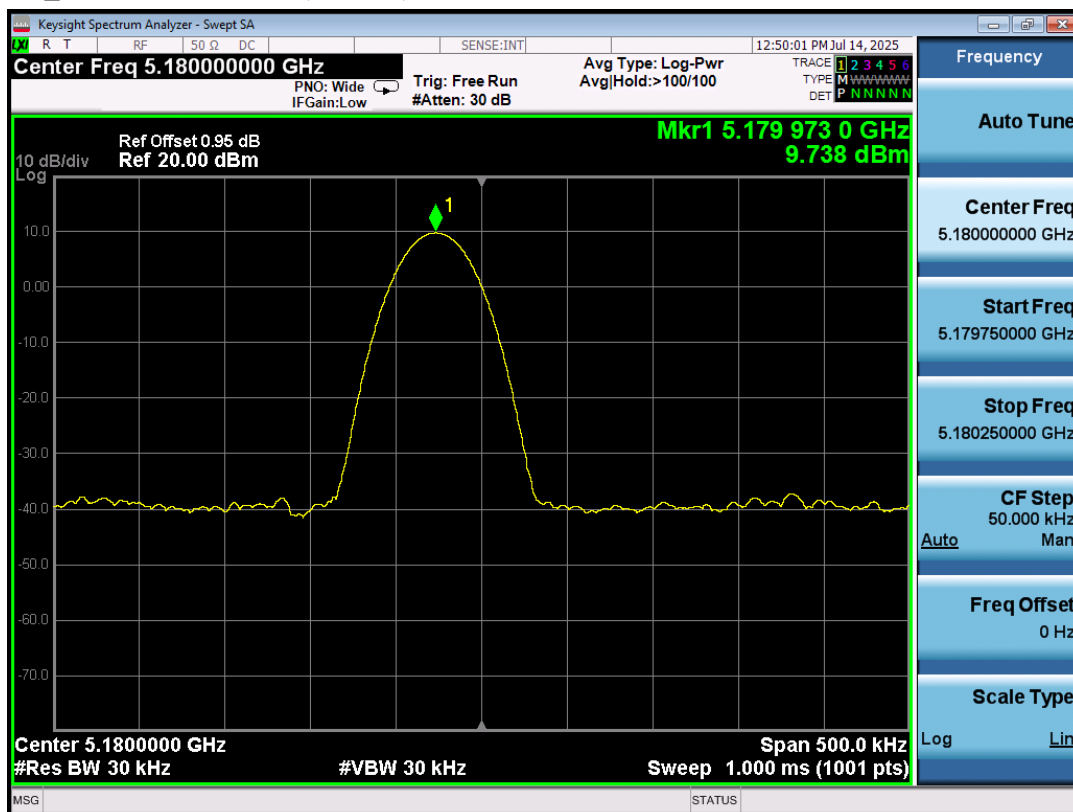
2.3.4 Test Result

Product : Audio Device
Test Item : Frequency Tolerance
Test Mode : Mode 1 : Transmit (802.11a)
Test Voltage : 100V

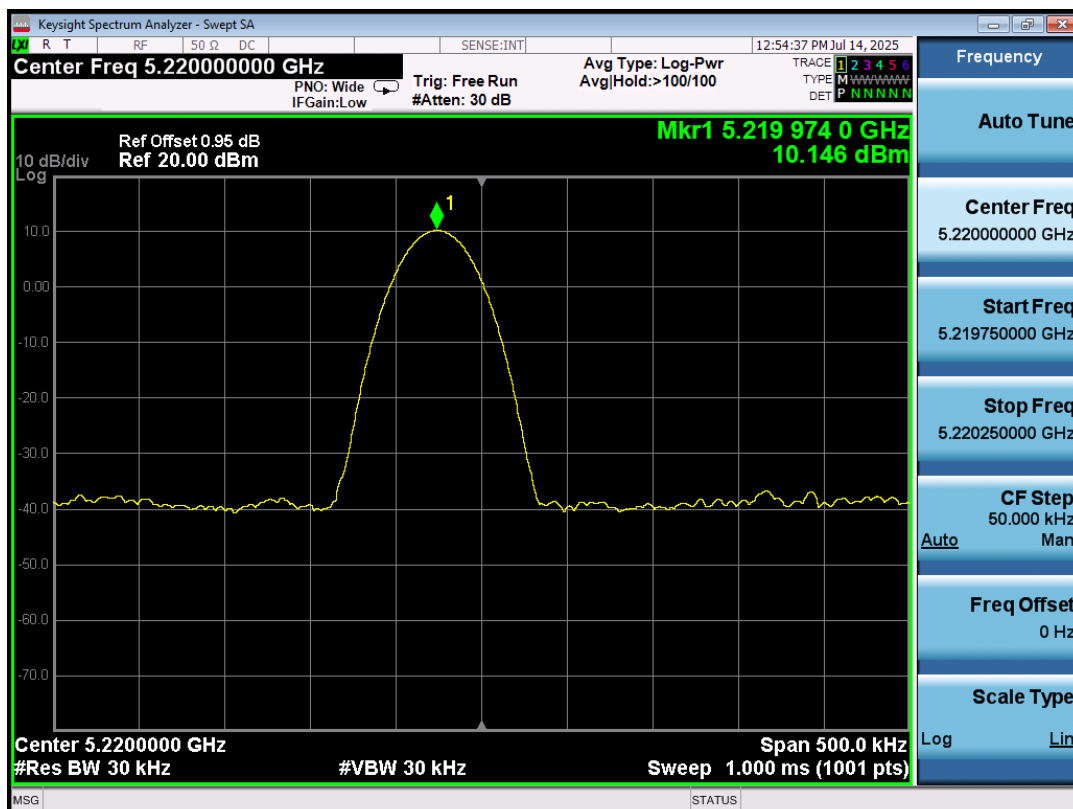
Freq. (MHz)	Chain A		Chain B		Limit (ppm)	Result
	Reading Value (MHz)	Tolerance (ppm)	Reading Value (MHz)	Tolerance (ppm)		
5180	5179.9730	-5.2124	5179.9730	-5.2124	±20	Pass
5220	5219.9740	-4.9808	5219.9755	-4.6935	±20	Pass
5240	5239.9755	-4.6756	5239.9740	-4.9618	±20	Pass

Note: The spectrum plots are attached on the following pages.

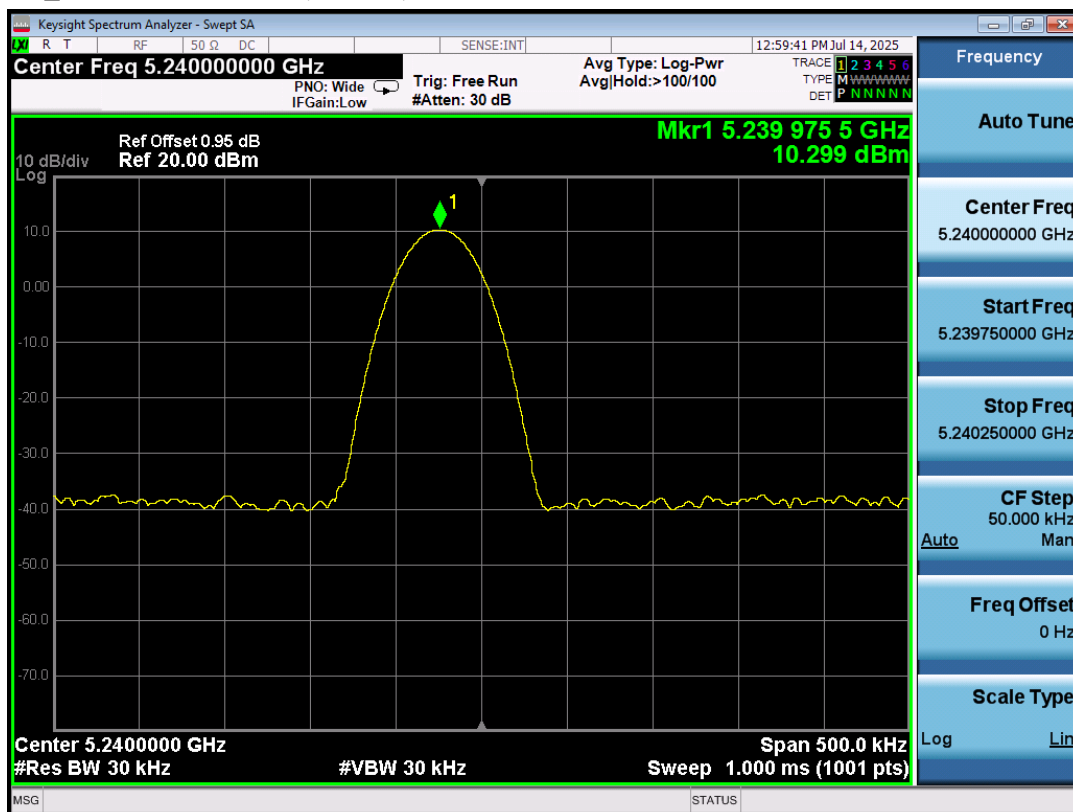
Chain A_Mode 1 : Transmit (802.11a) ; 5180MHz



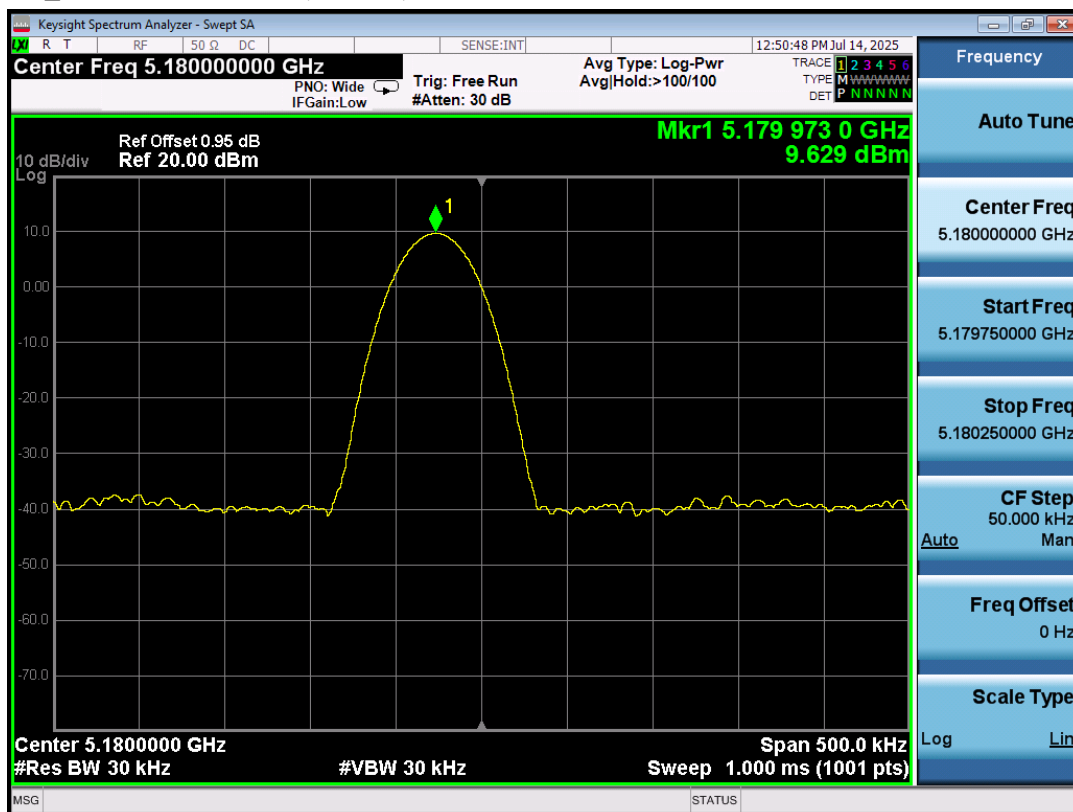
Chain A_Mode 1 : Transmit (802.11a) ; 5220MHz



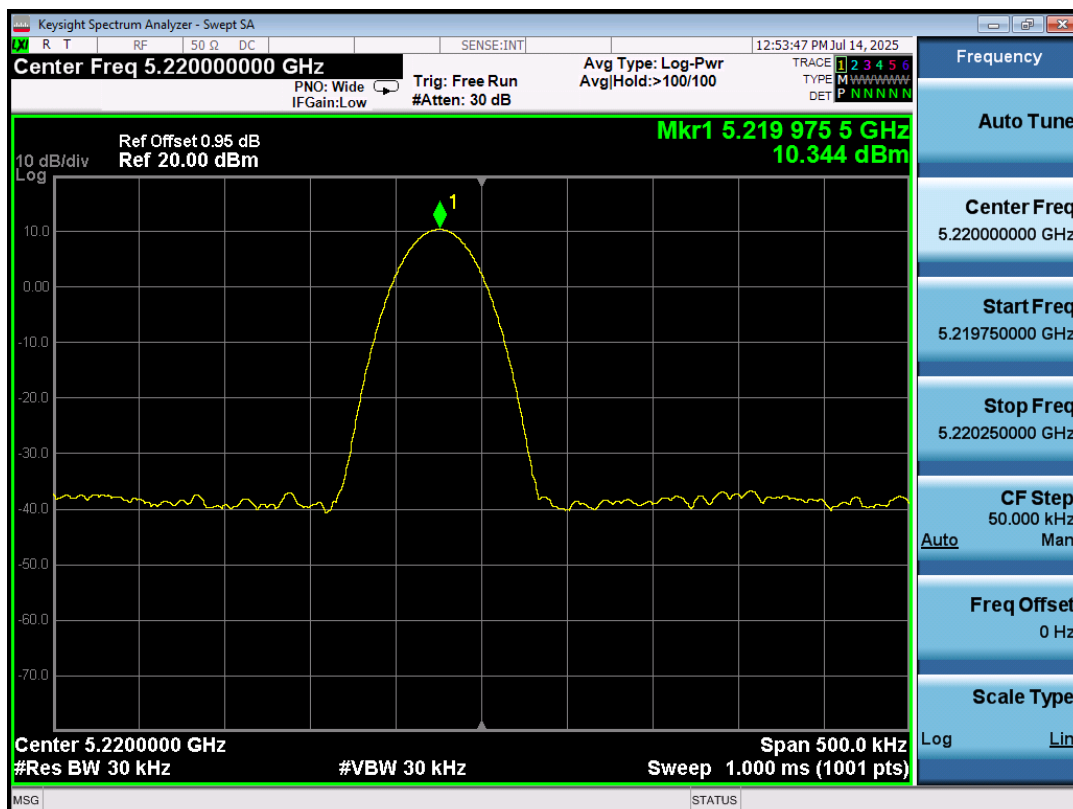
Chain A_Mode 1 : Transmit (802.11a) ; 5240MHz



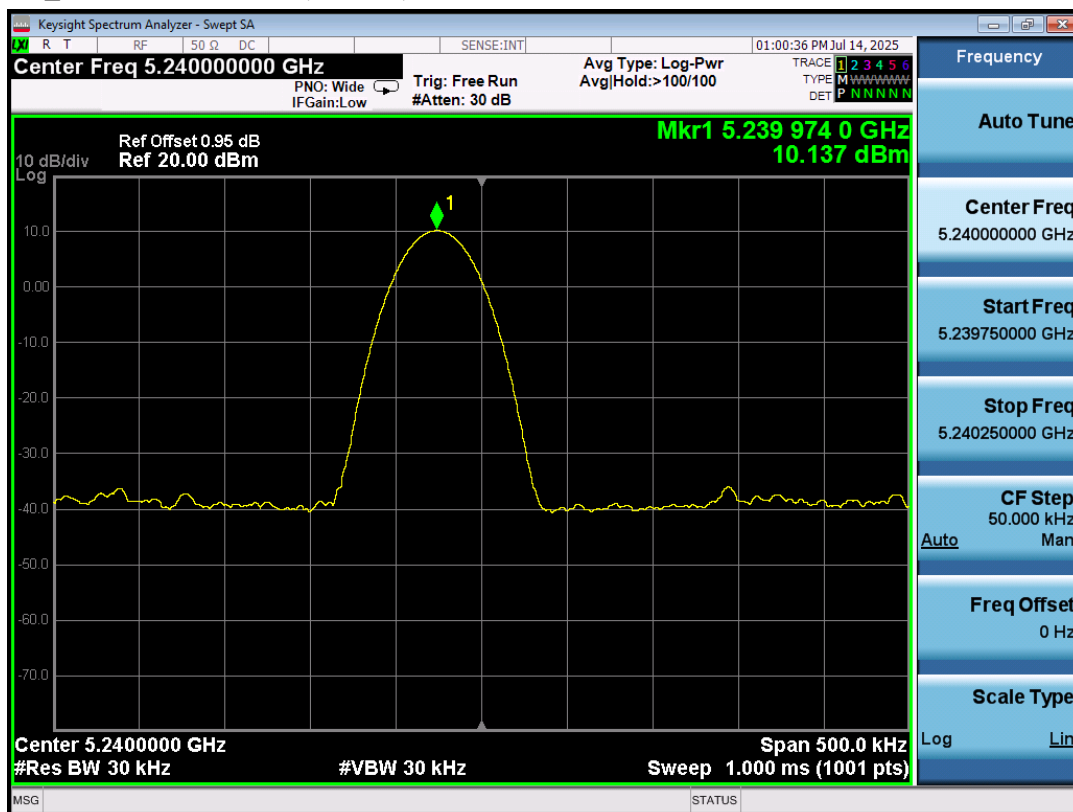
Chain B_Mode 1 : Transmit (802.11a) ; 5180MHz



Chain B_Mode 1 : Transmit (802.11a) ; 5220MHz



Chain B_Mode 1 : Transmit (802.11a) ; 5240MHz

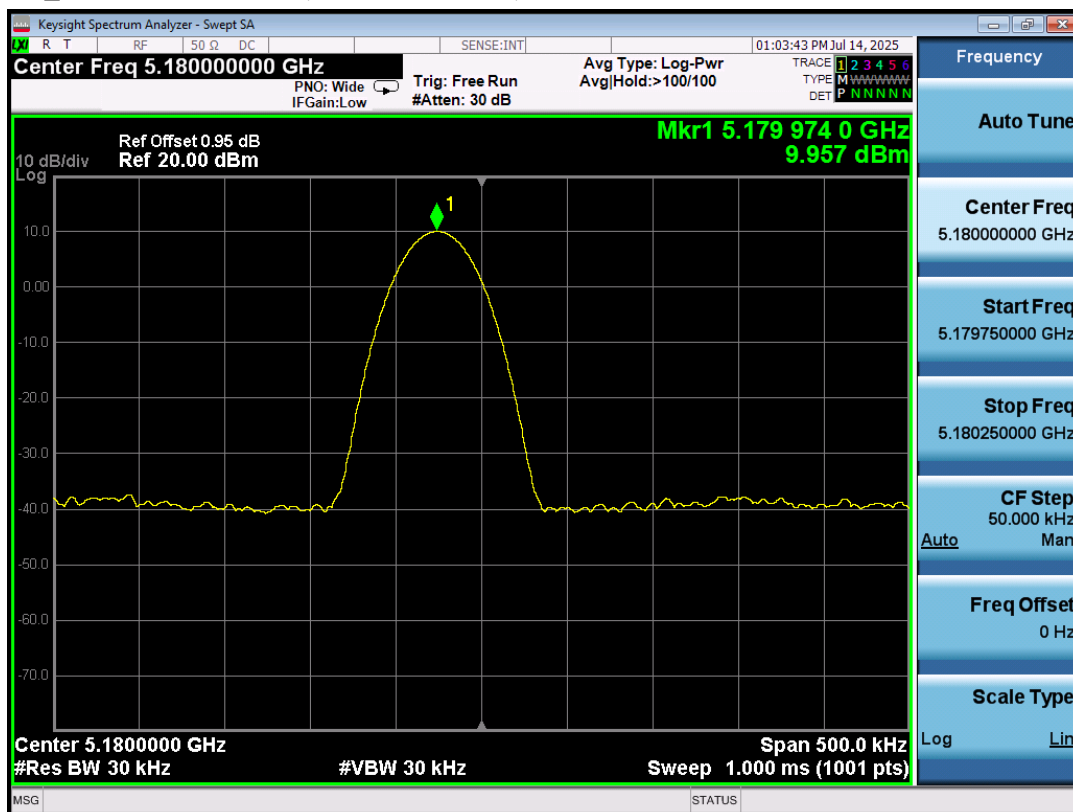


Product : Audio Device
Test Item : Frequency Tolerance
Test Mode : Mode 2 : Transmit (802.11ac VHT20)
Test Voltage : 100V

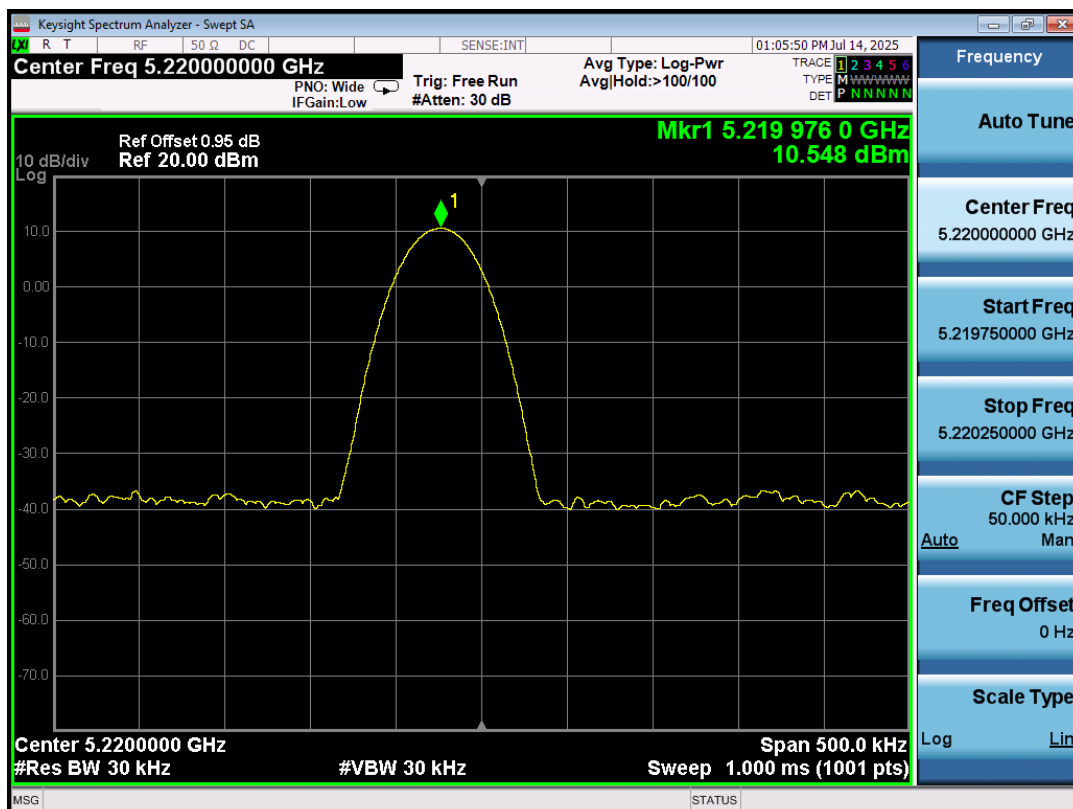
Freq. (MHz)	Chain A		Chain B		Limit (ppm)	Result
	Reading Value (MHz)	Tolerance (ppm)	Reading Value (MHz)	Tolerance (ppm)		
5180	5179.9740	-5.0193	5179.9755	-4.7297	±20	Pass
5220	5219.9760	-4.5977	5219.9740	-4.9808	±20	Pass
5240	5239.9740	-4.9618	5239.9750	-4.7710	±20	Pass

Note: The spectrum plots are attached on the following pages.

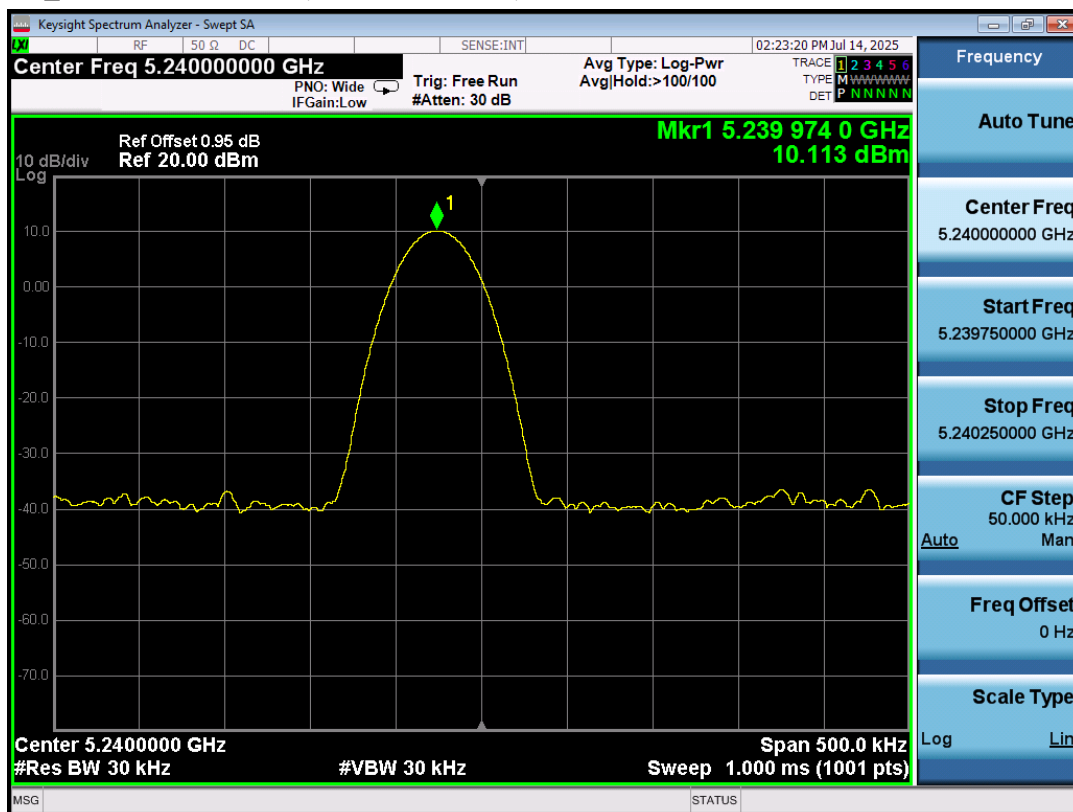
Chain A_Mode 2 : Transmit (802.11ac VHT20) ; 5180MHz



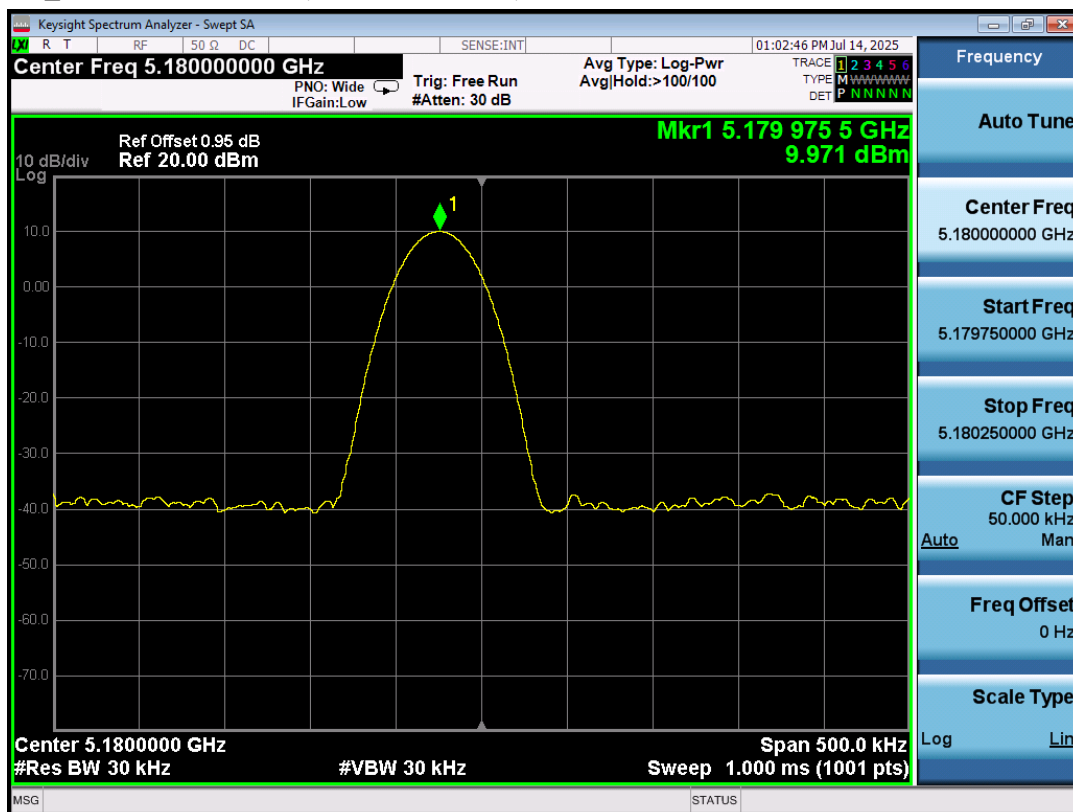
Chain A_Mode 2 : Transmit (802.11ac VHT20) ; 5220MHz



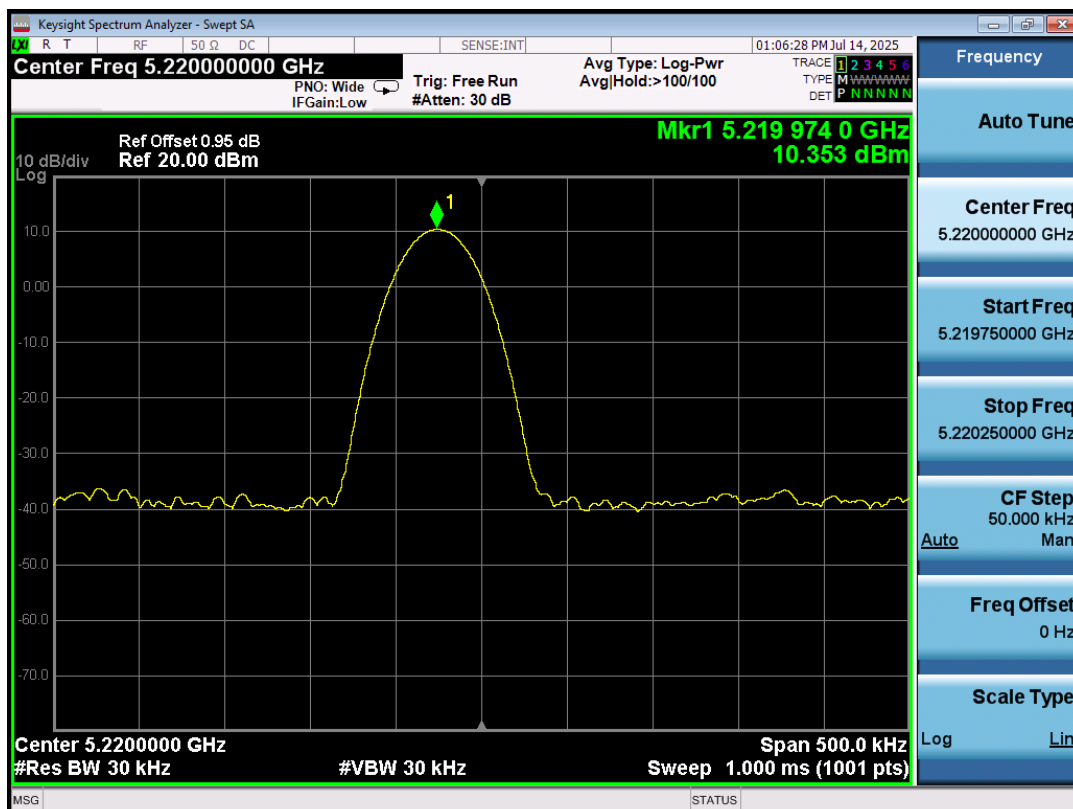
Chain A_Mode 2 : Transmit (802.11ac VHT20); 5240MHz



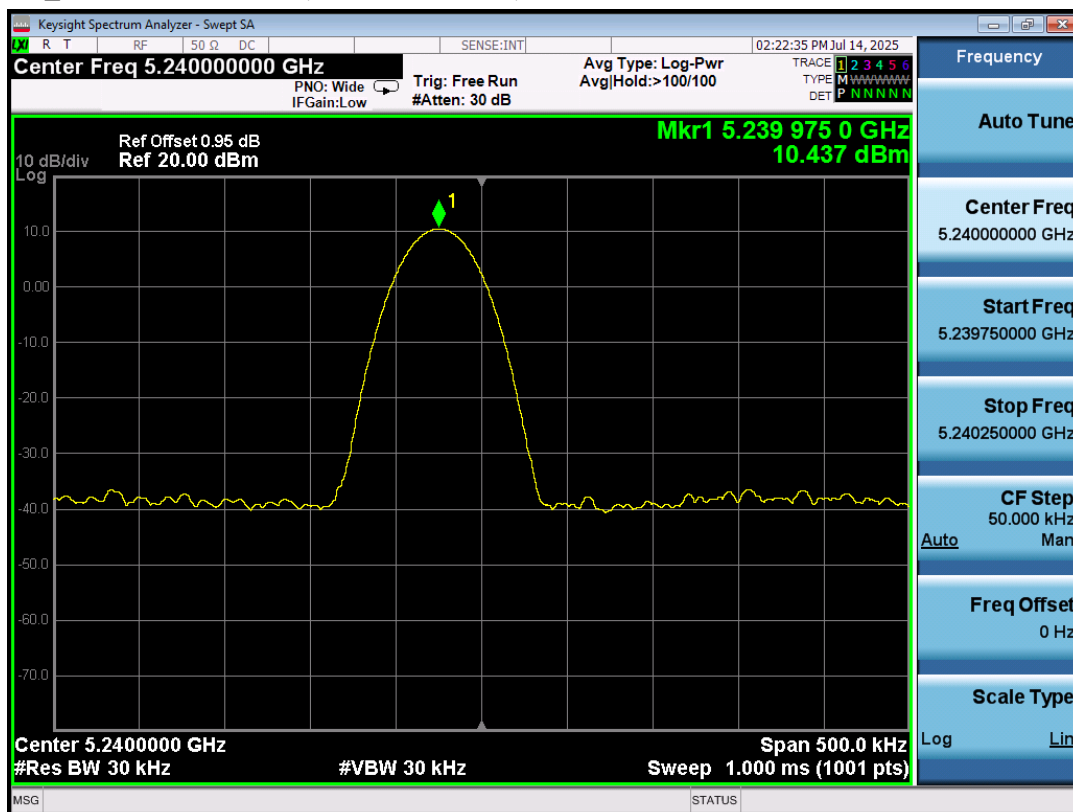
Chain B_Mode 2 : Transmit (802.11ac VHT20) ; 5180MHz



Chain B_Mode 2 : Transmit (802.11ac VHT20) ; 5220MHz



Chain B_Mode 2 : Transmit (802.11ac VHT20); 5240MHz

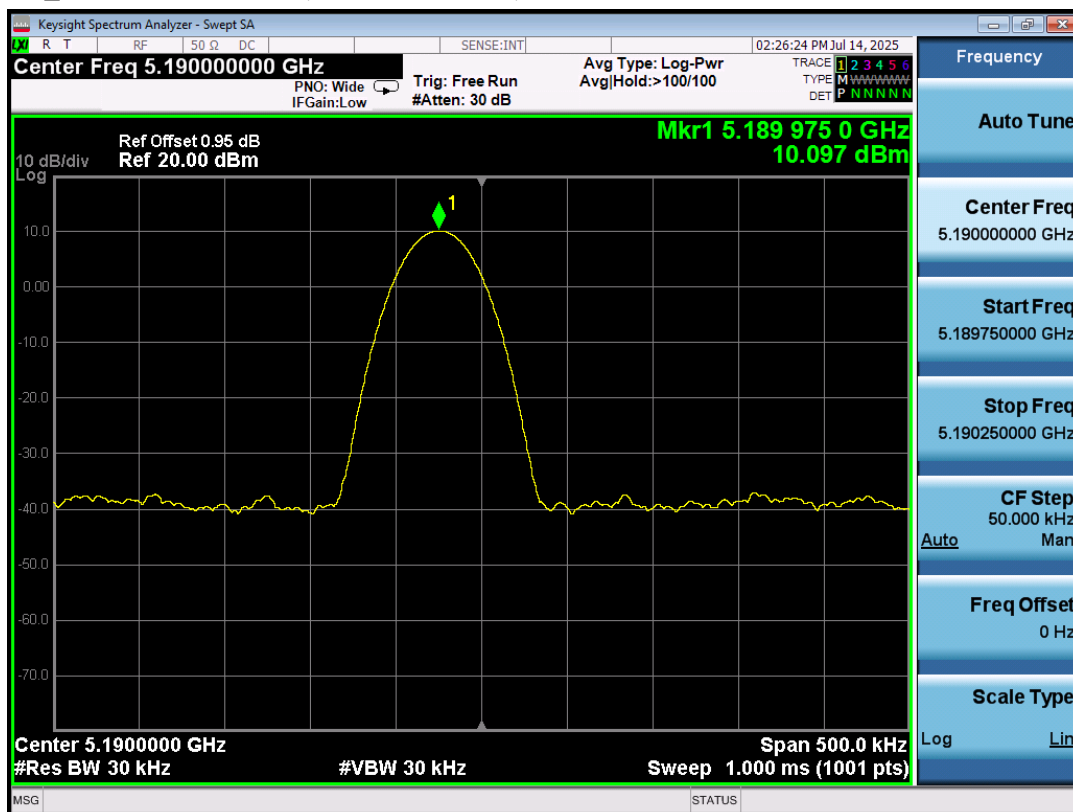


Product : Audio Device
Test Item : Frequency Tolerance
Test Mode : Mode 3 : Transmit (802.11ac VHT40)
Test Voltage : 100V

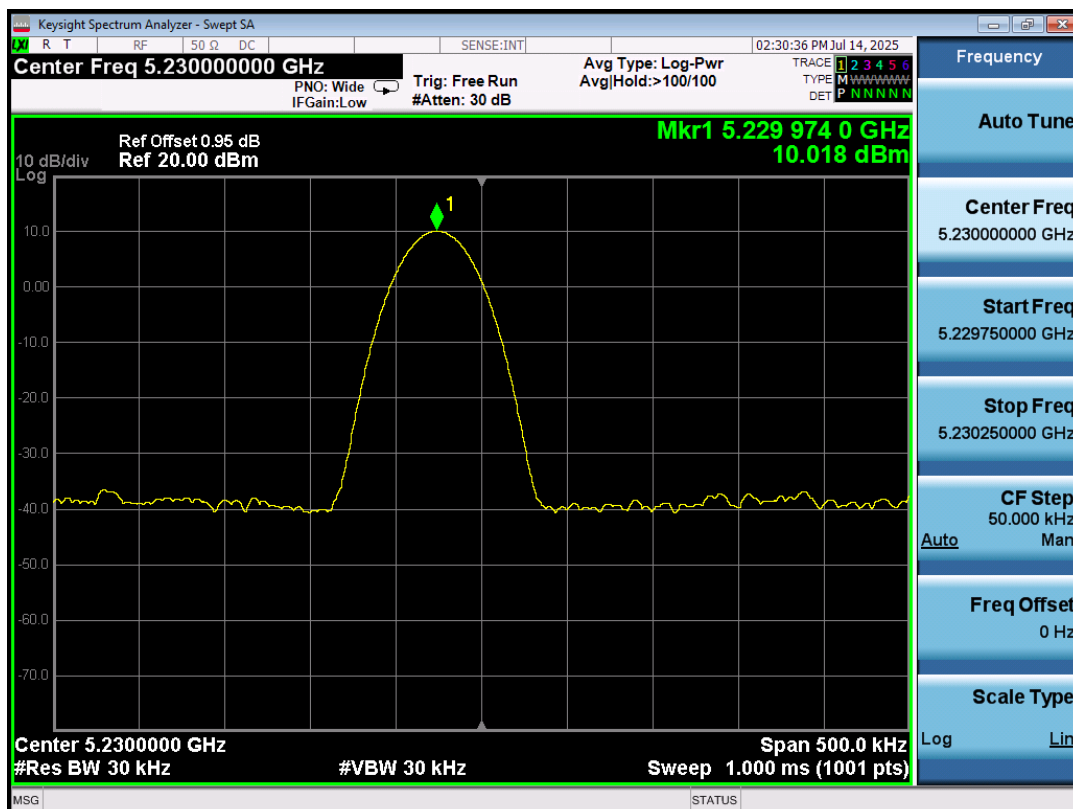
Freq. (MHz)	Chain A		Chain B		Limit (ppm)	Result
	Reading Value (MHz)	Tolerance (ppm)	Reading Value (MHz)	Tolerance (ppm)		
5190	5189.9750	-4.8170	5189.9740	-5.0096	±20	Pass
5230	5229.9740	-4.9713	5229.9745	-4.8757	±20	Pass

Note: The spectrum plots are attached on the following pages.

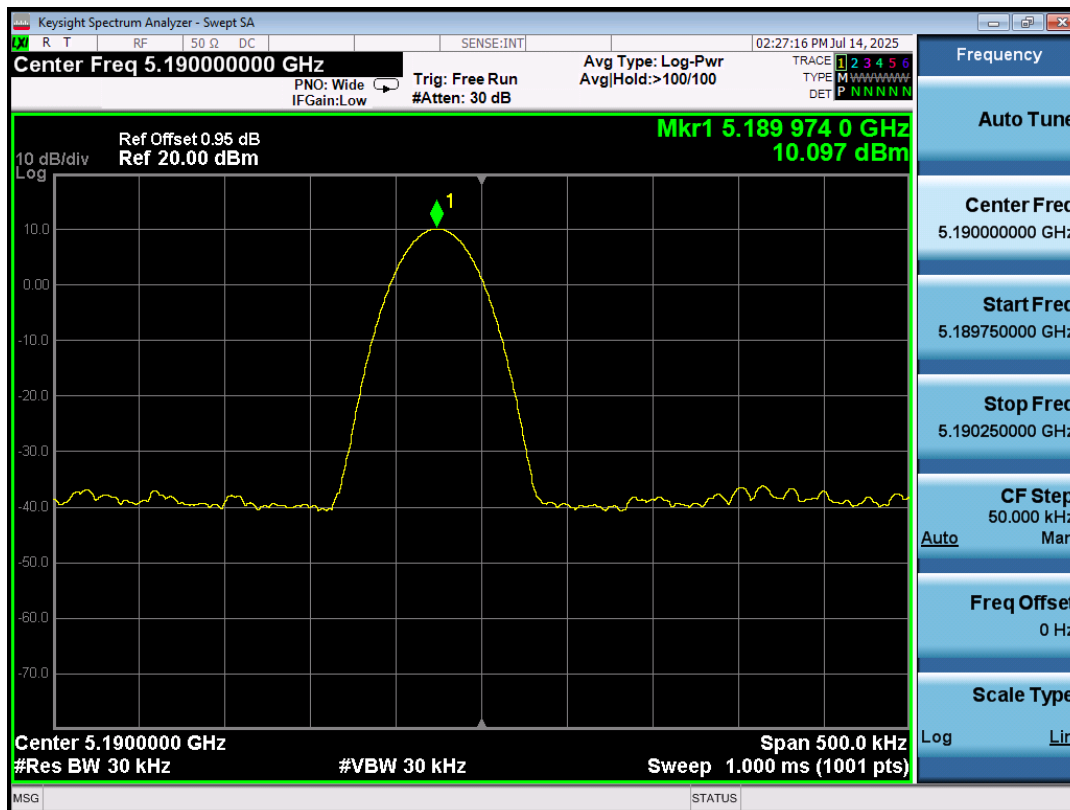
Chain A_Mode 3 : Transmit (802.11ac VHT40) ; 5190MHz



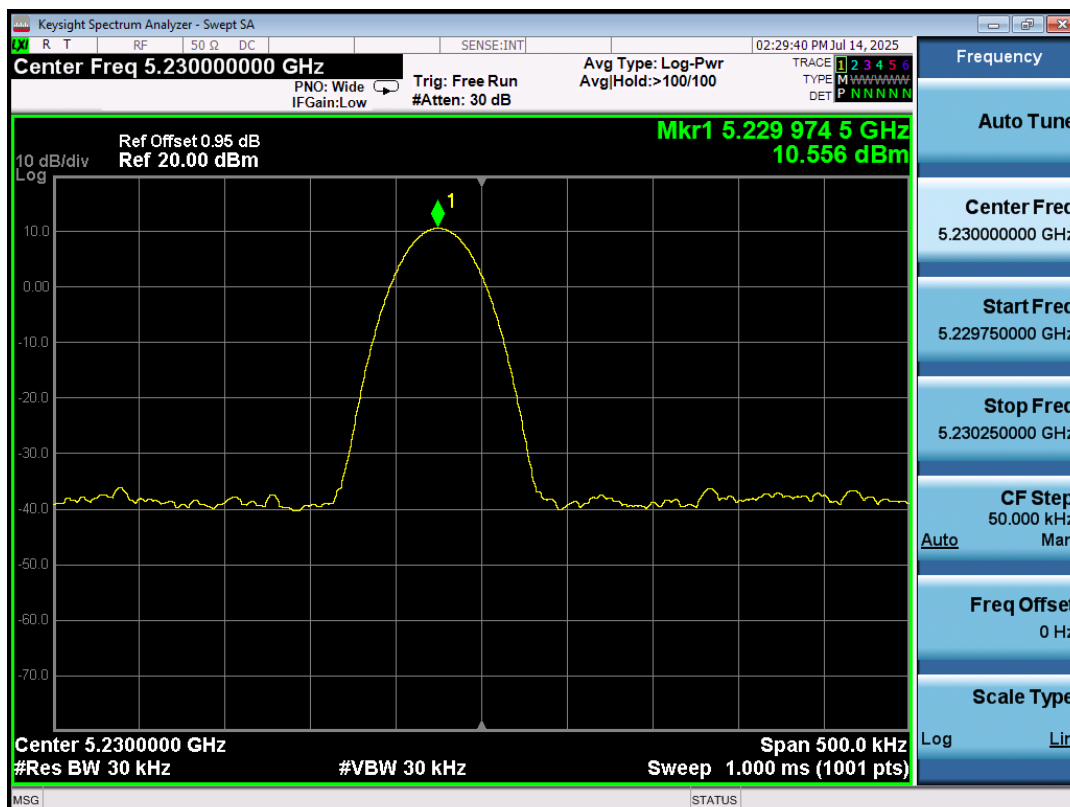
Chain A_Mode 3 : Transmit (802.11ac VHT40); 5230MHz



Chain B_Mode 3 : Transmit (802.11ac VHT40) ; 5190MHz



Chain B_Mode 3 : Transmit (802.11ac VHT40); 5230MHz

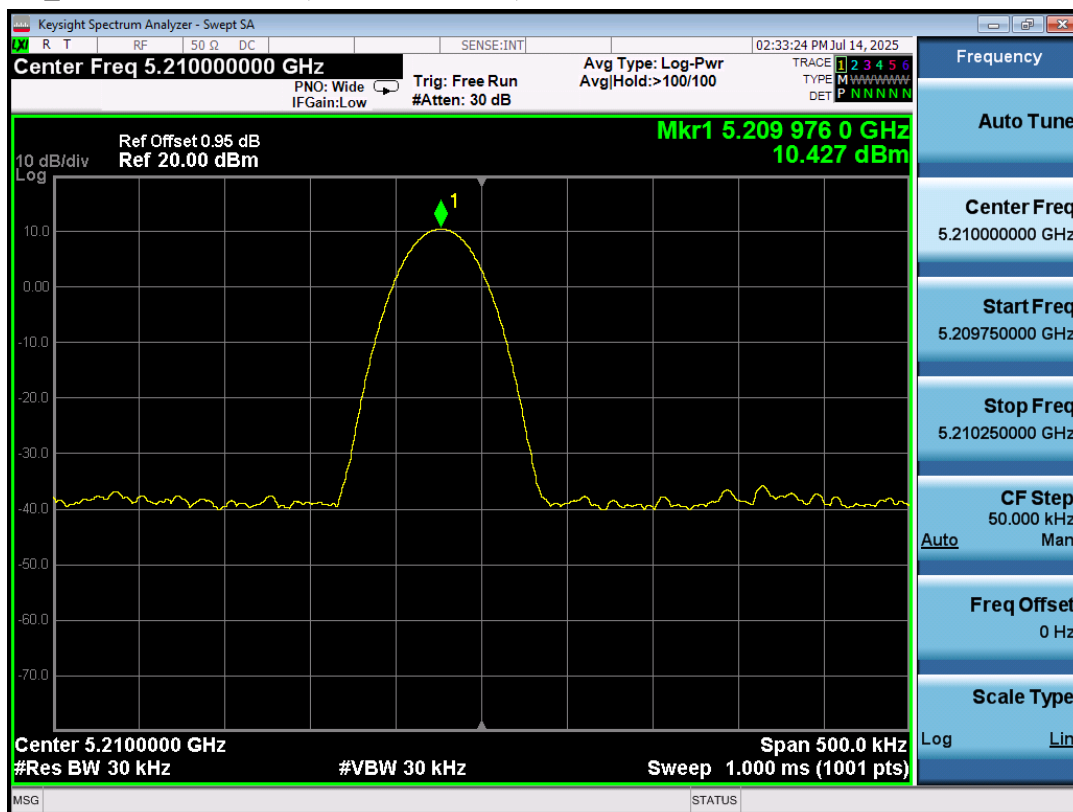


Product : Audio Device
Test Item : Frequency Tolerance
Test Mode : Mode 4 : Transmit (802.11ac VHT80)
Test Voltage : 100V

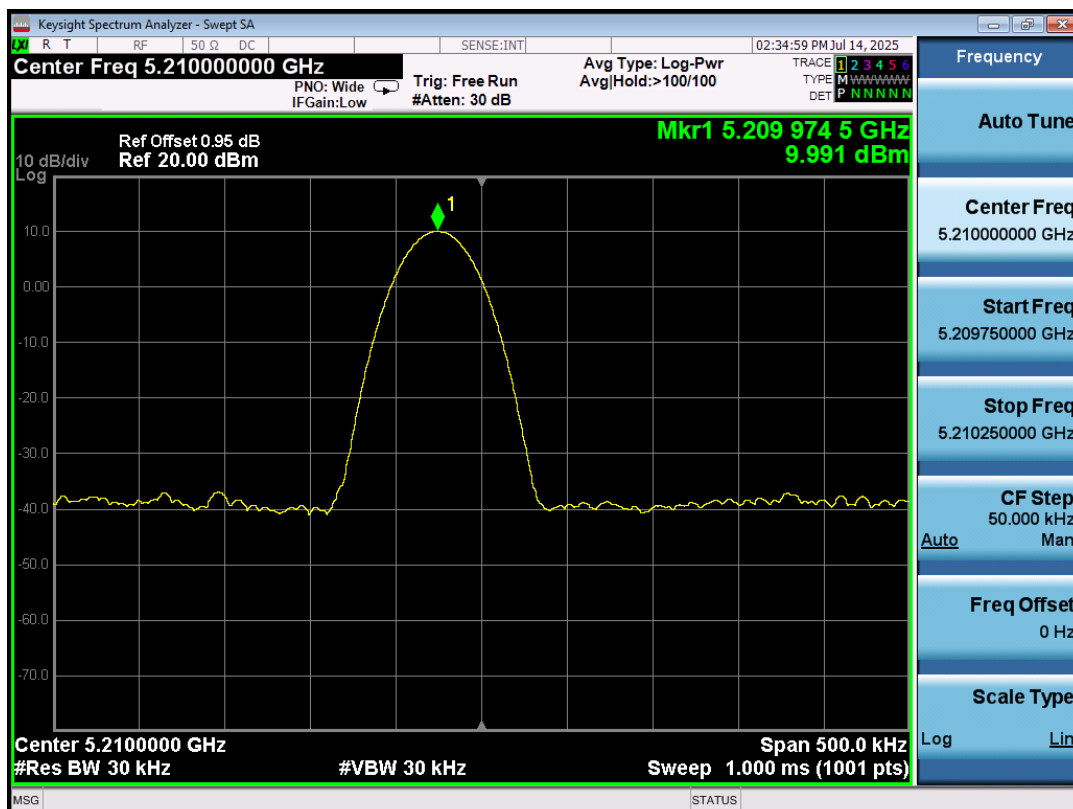
Freq. (MHz)	Chain A		Chain B		Limit (ppm)	Result
	Reading Value (MHz)	Tolerance (ppm)	Reading Value (MHz)	Tolerance (ppm)		
5210	5209.9760	-4.6065	5209.9745	-4.8944	±20	Pass

Note: The spectrum plots are attached on the following pages.

Chain A_Mode 4 : Transmit (802.11ac VHT80) ; 5210MHz



Chain B_Mode 4 : Transmit (802.11ac VHT80) ; 5210MHz

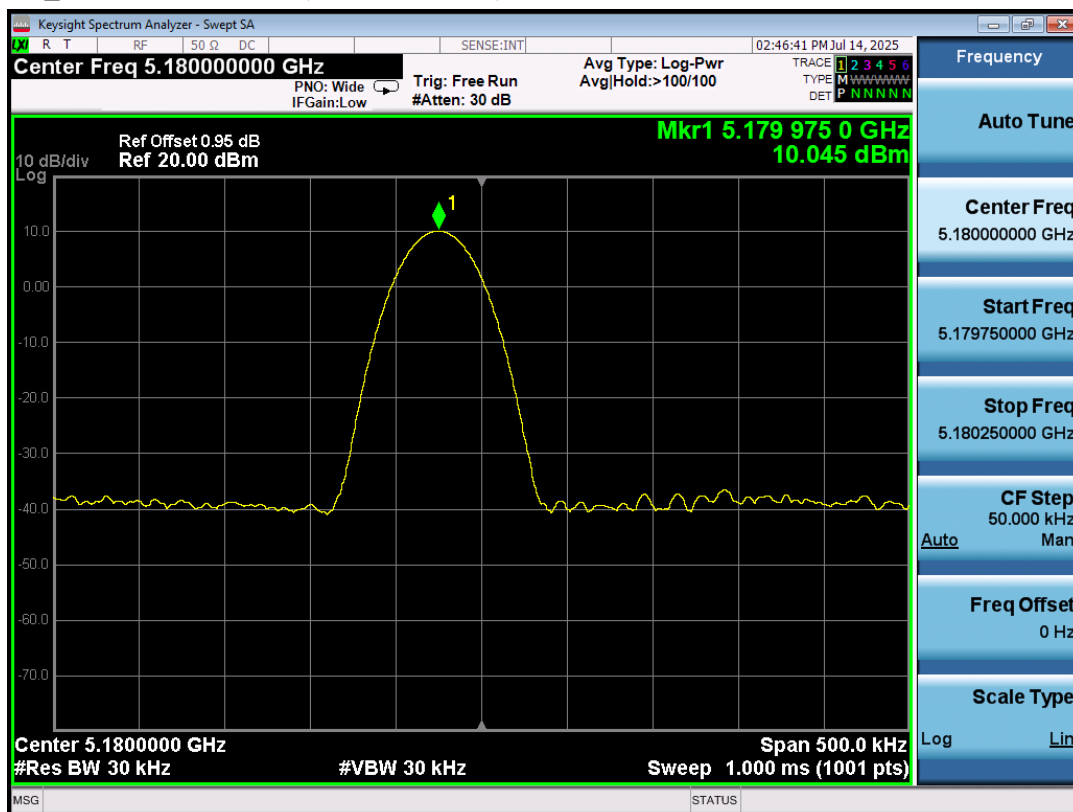


Product : Audio Device
Test Item : Frequency Tolerance
Test Mode : Mode 5 : Transmit (802.11ax HE20)
Test Voltage : 100V

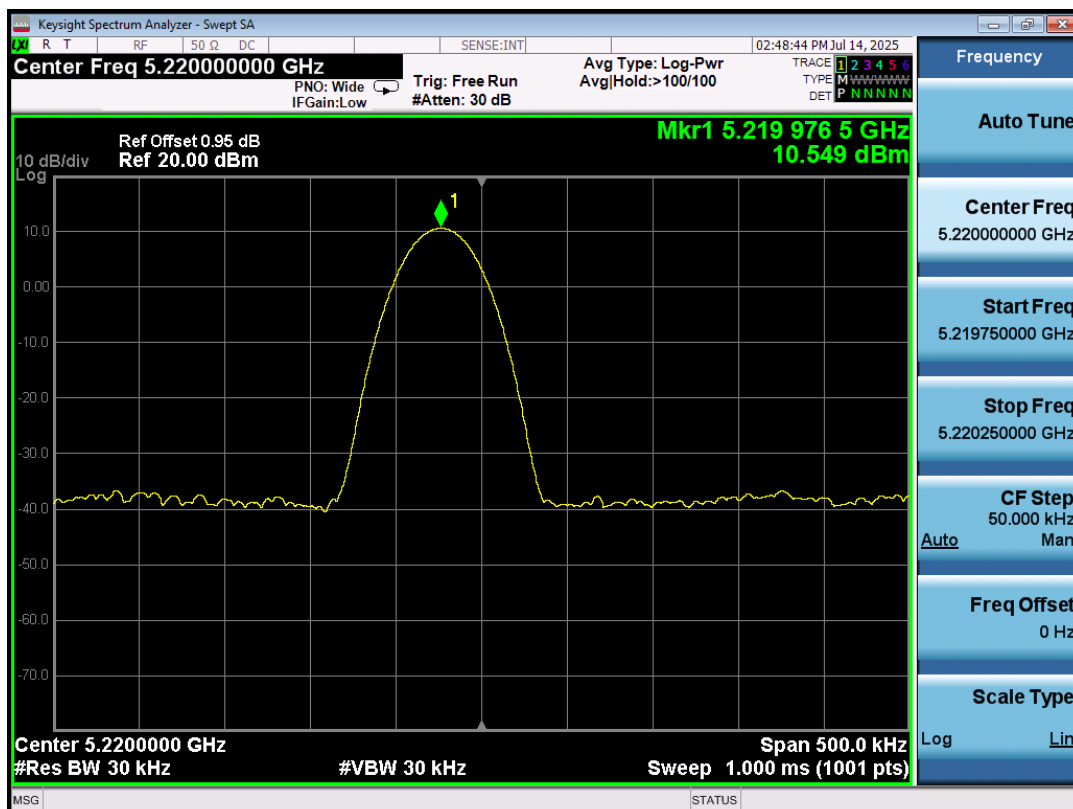
Freq. (MHz)	Chain A		Chain B		Limit (ppm)	Result
	Reading Value (MHz)	Tolerance (ppm)	Reading Value (MHz)	Tolerance (ppm)		
5180	5179.9750	-4.8263	5179.9760	-4.6332	±20	Pass
5220	5219.9765	-4.5019	5219.9745	-4.8851	±20	Pass
5240	5239.9745	-4.8664	5239.9760	-4.5802	±20	Pass

Note: The spectrum plots are attached on the following pages.

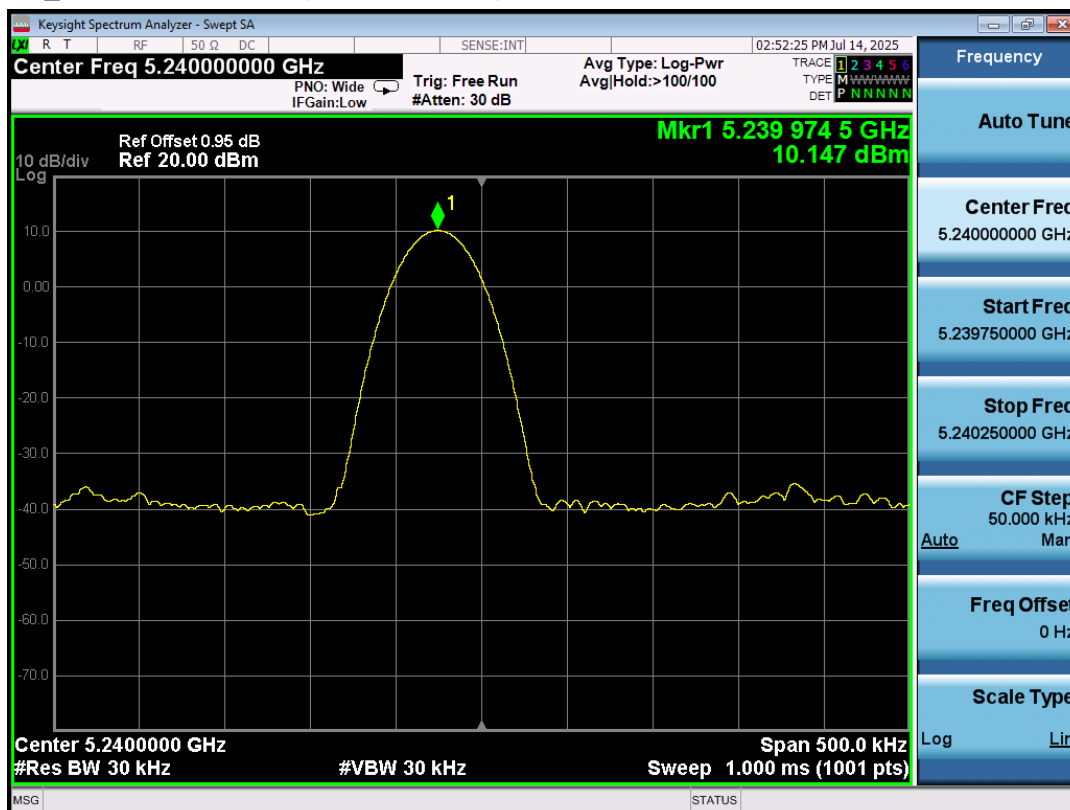
Chain A_Mode 5 : Transmit (802.11ax HE20) ; 5180MHz



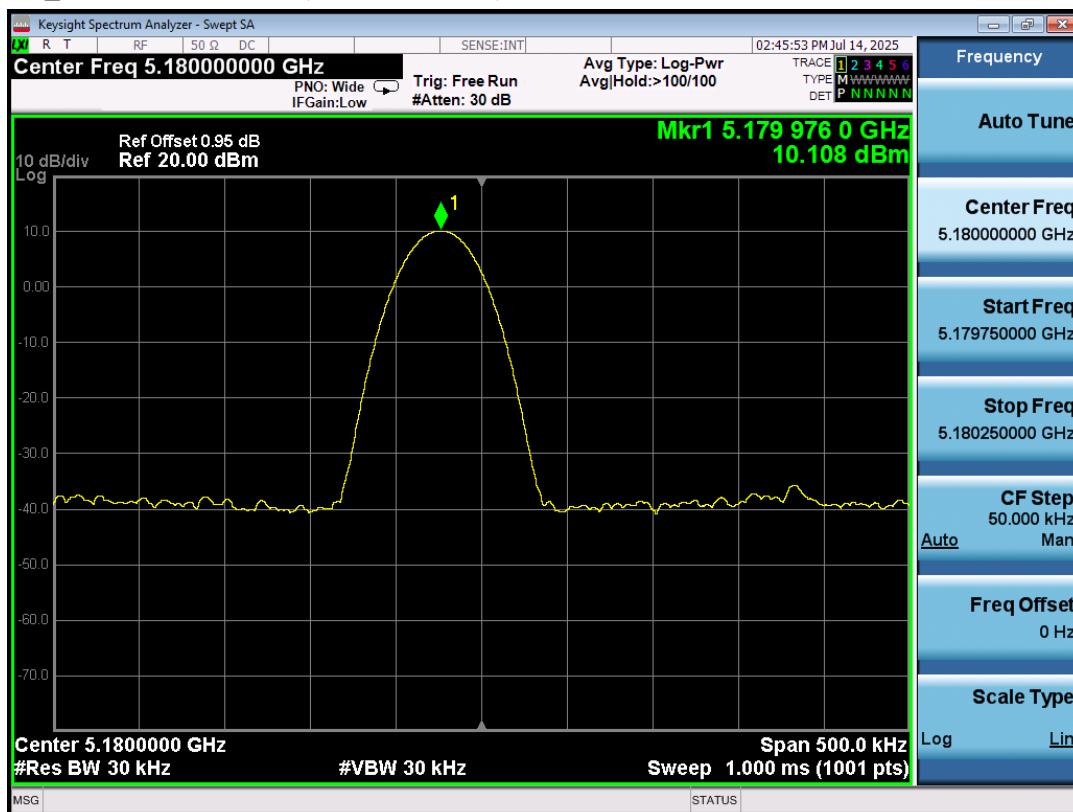
Chain A_Mode 5 : Transmit (802.11ax HE20) ; 5220MHz



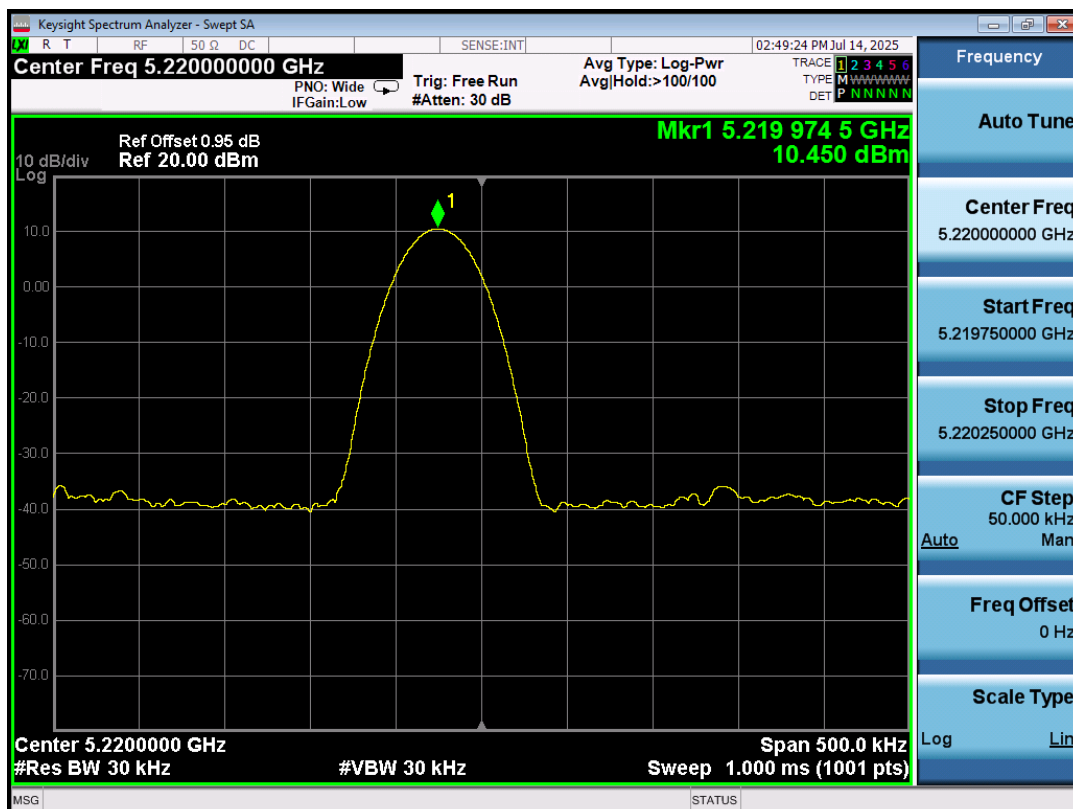
Chain A_Mode 5 : Transmit (802.11ax HE20) ; 5240MHz



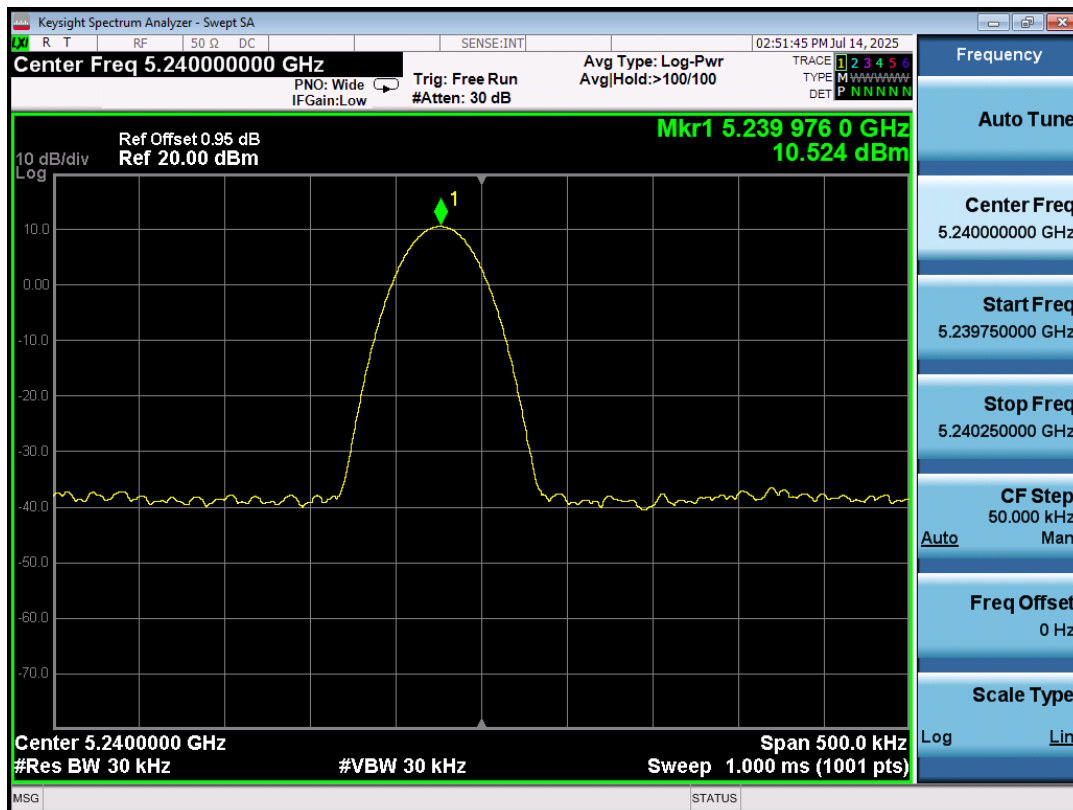
Chain B_Mode 5 : Transmit (802.11ax HE20) ; 5180MHz



Chain B_Mode 5 : Transmit (802.11ax HE20) ; 5220MHz



Chain B_Mode 5 : Transmit (802.11ax HE20) ; 5240MHz

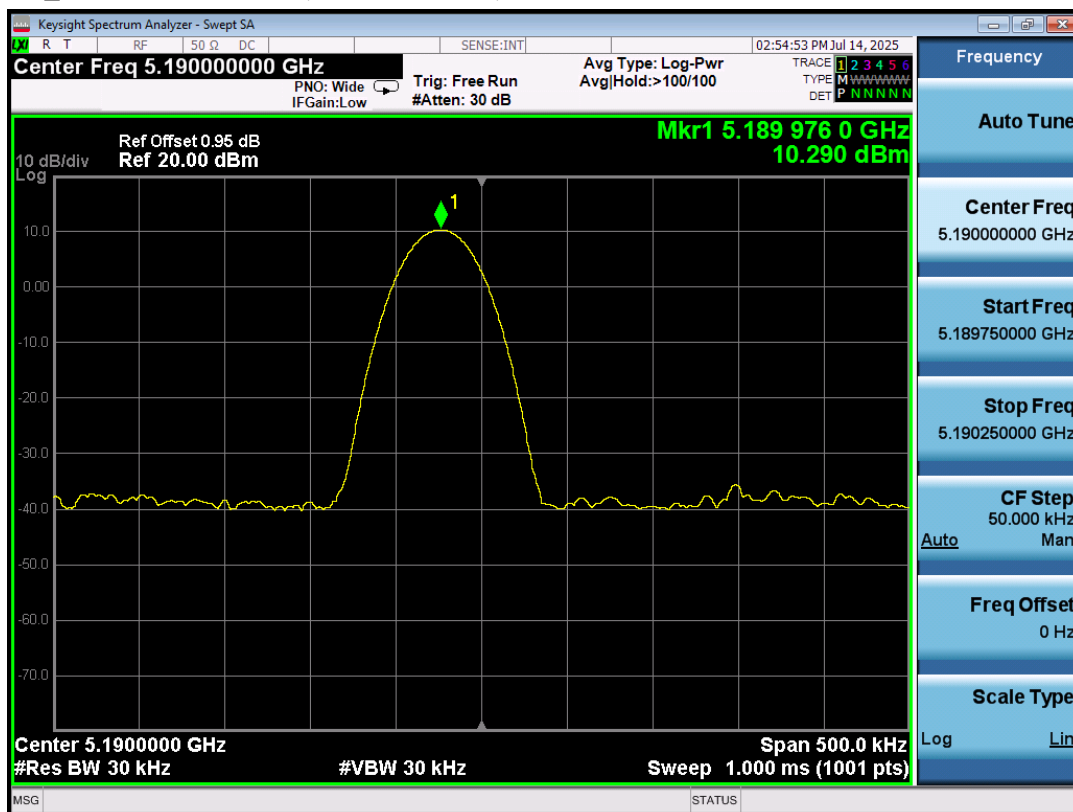


Product : Audio Device
Test Item : Frequency Tolerance
Test Mode : Mode 6 : Transmit (802.11ax HE40)
Test Voltage : 100V

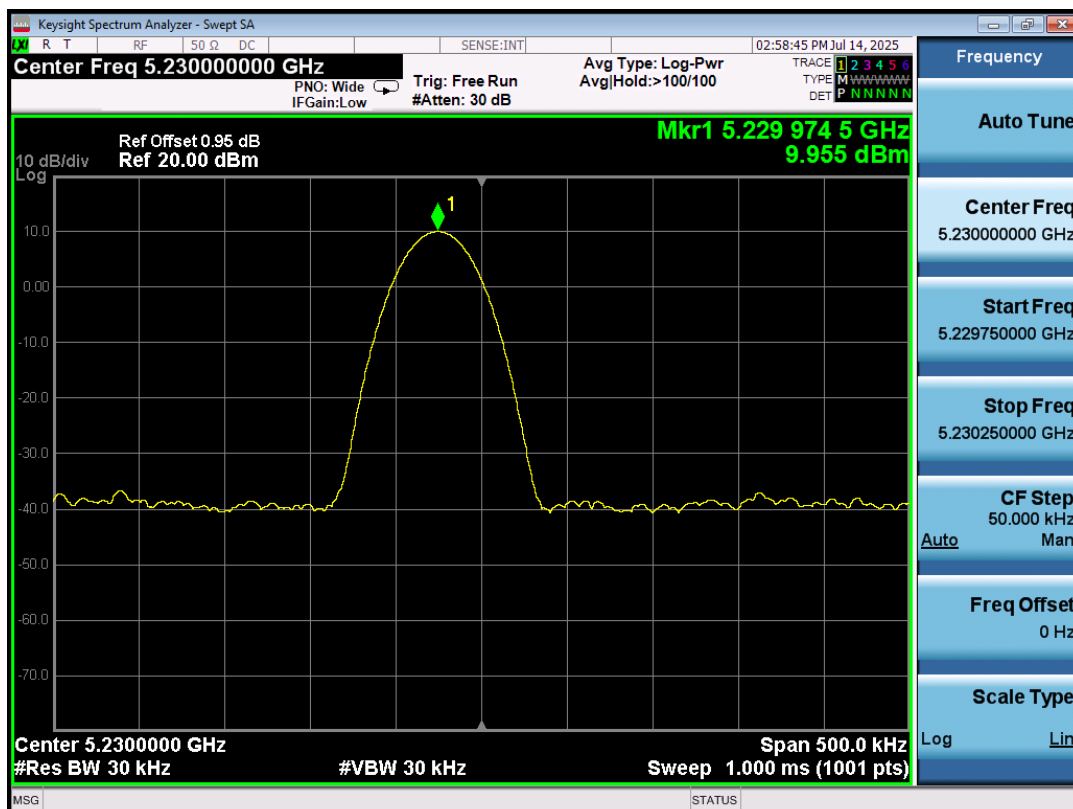
Freq. (MHz)	Chain A		Chain B		Limit (ppm)	Result
	Reading Value (MHz)	Tolerance (ppm)	Reading Value (MHz)	Tolerance (ppm)		
5190	5189.9760	-4.6243	5189.9745	-4.9133	±20	Pass
5230	5229.9745	-4.8757	5229.9760	-4.5889	±20	Pass

Note: The spectrum plots are attached on the following pages.

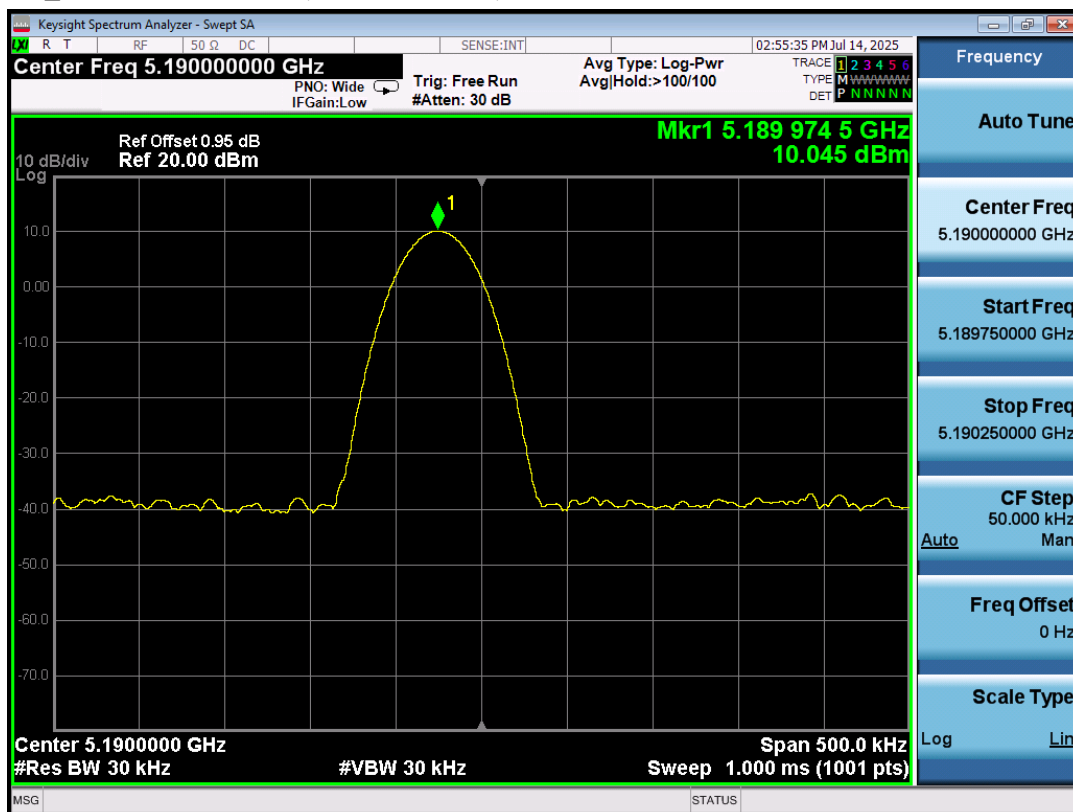
Chain A_Mode 6 : Transmit (802.11ax HE40) ; 5190MHz



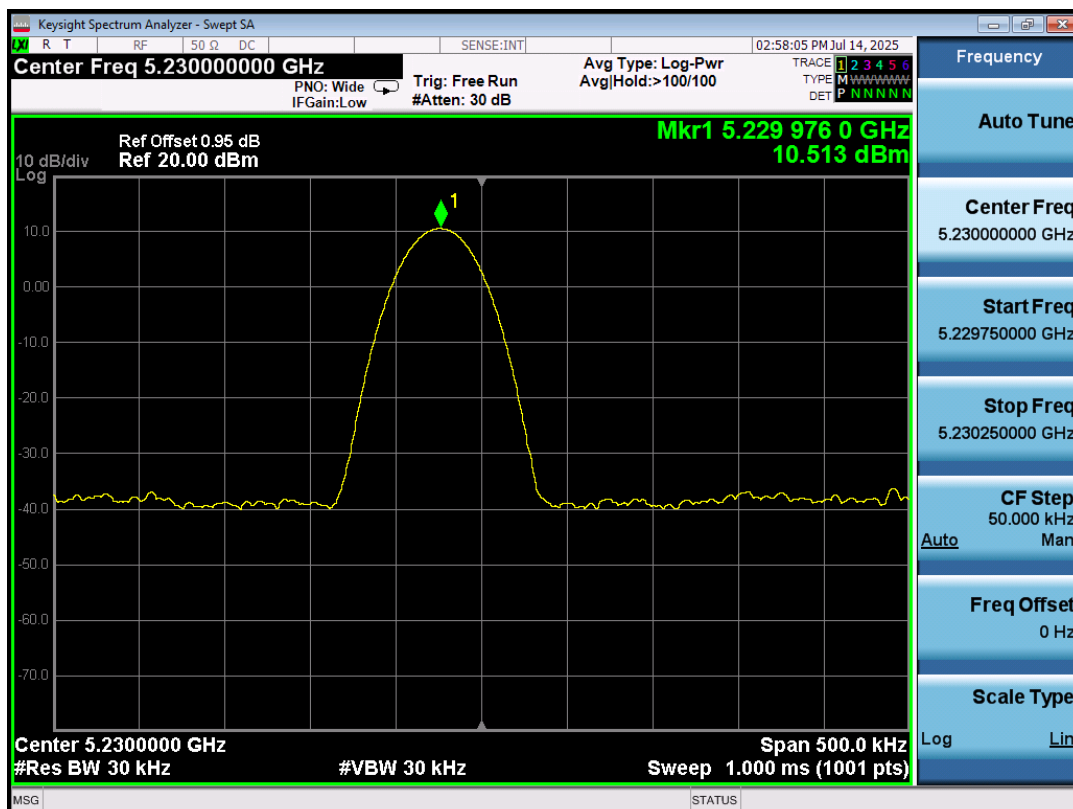
Chain A_Mode 6 : Transmit (802.11ax HE40) ; 5230MHz



Chain B_Mode 6 : Transmit (802.11ax HE40) ; 5190MHz



Chain B_Mode 6 : Transmit (802.11ax HE40) ; 5230MHz

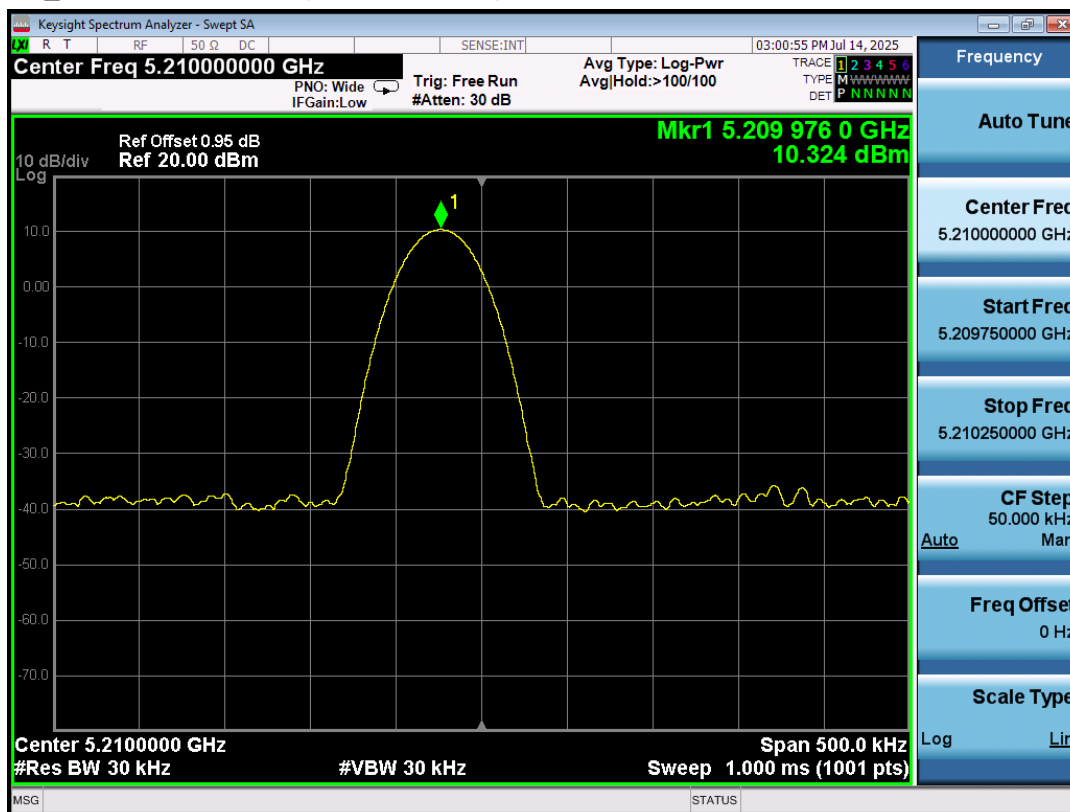


Product : Audio Device
Test Item : Frequency Tolerance
Test Mode : Mode 7 : Transmit (802.11ax HE80)
Test Voltage : 100V

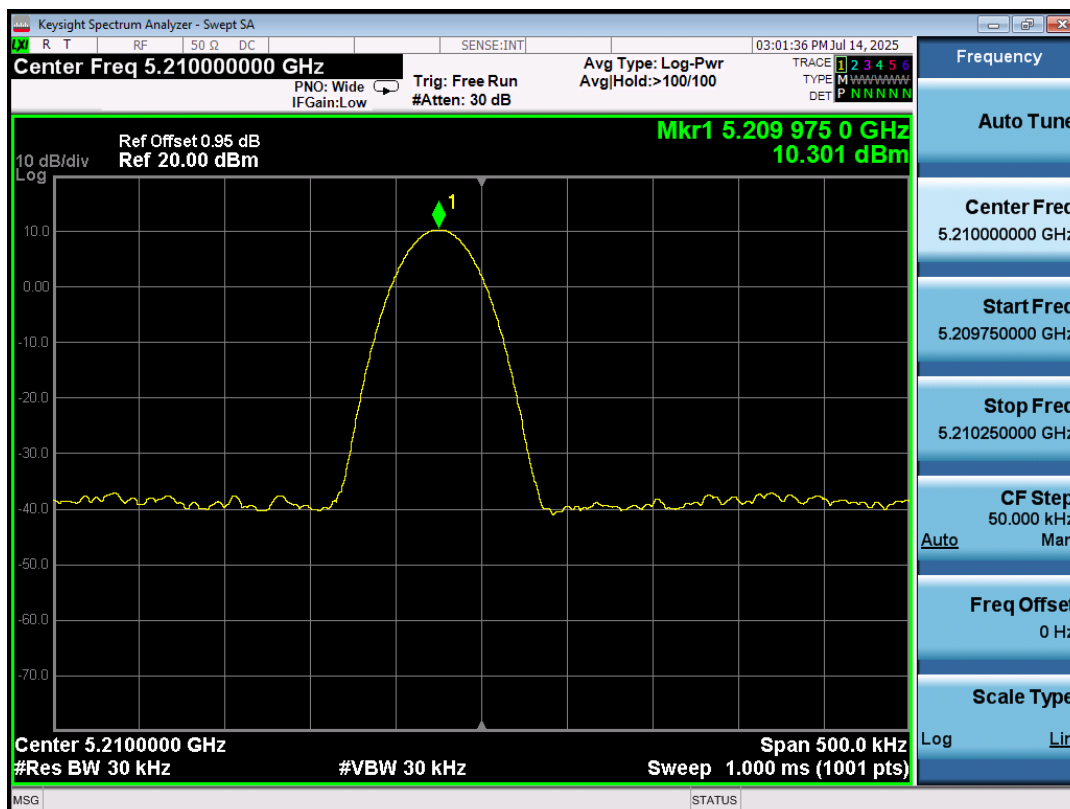
Freq. (MHz)	Chain A		Chain B		Limit (ppm)	Result
	Reading Value (MHz)	Tolerance (ppm)	Reading Value (MHz)	Tolerance (ppm)		
5210	5209.9760	-4.6065	5209.9750	-4.7985	±20	Pass

Note: The spectrum plots are attached on the following pages.

Chain A_Mode 7 : Transmit (802.11ax HE80) ; 5210MHz



Chain B_Mode 7 : Transmit (802.11ax HE80) ; 5210MHz



2.4 Occupied Bandwidth

2.4.1 Limit

Bandwidth (MHz)	Frequency (MHz)	Limit (MHz)
20	5180 ~ 5320 5500 ~ 5700	≤ 20
40	5190 ~ 5310 5510 ~ 5670	≤ 40
80	5210 ~ 5290 5530 ~ 5610	≤ 80
160	5250 5570	≤ 160

2.4.2 Test Setup



2.4.3 Test Procedure

A spectrum analyzer or similar device shall be used to observe a sample of the modulated transmitter's radio frequency power output.

- A positive peak detector function must be used.
- A measurement instrument with an integrated 99% power bandwidth function may be used to automate the test process.
- The measurement instrument bandwidth and span must be set sufficiently with, and, the scan time set sufficiently slow, to ensure all major modulation products are captured. Note that the measurement bandwidth should also be set sufficiently narrow to avoid adding significant error to the test result.
- 'Maximum Hold' mode may be used to accumulate the measurement result over several scans provided the emission is repetitive in nature.

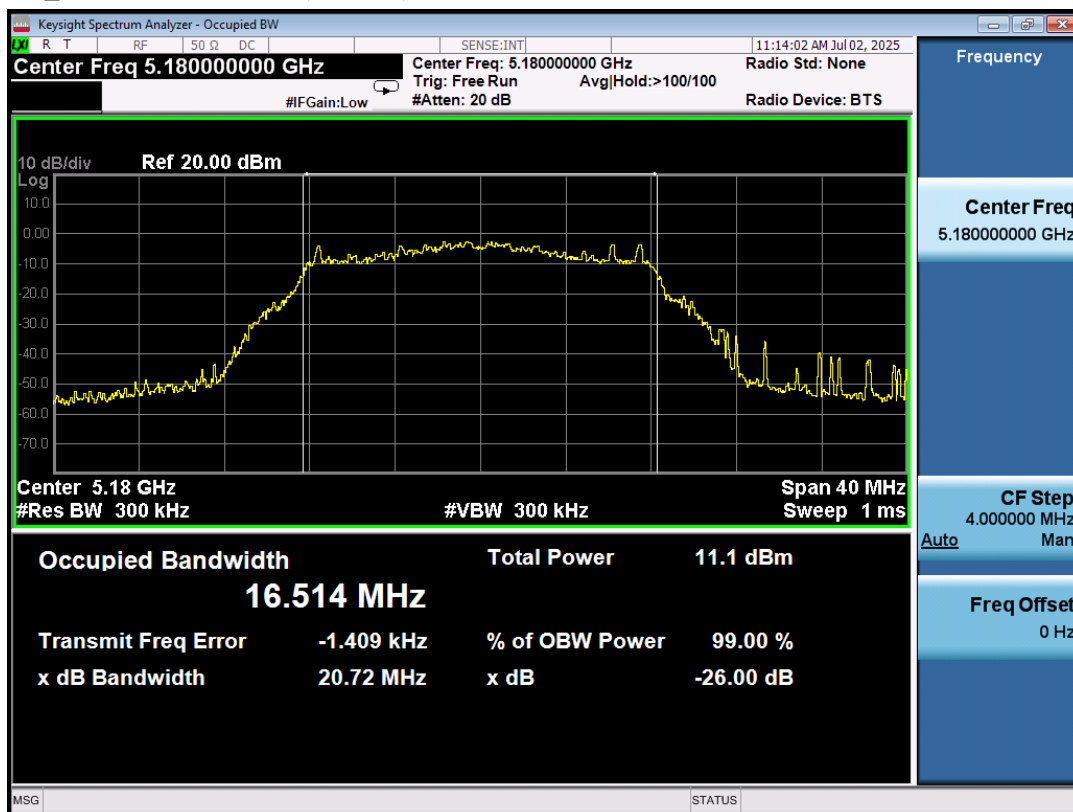
2.4.4 Test Result

Product : Audio Device
Test Item : Occupied Bandwidth
Test Mode : Mode 1 : Transmit (802.11a)
Test Voltage : 100V

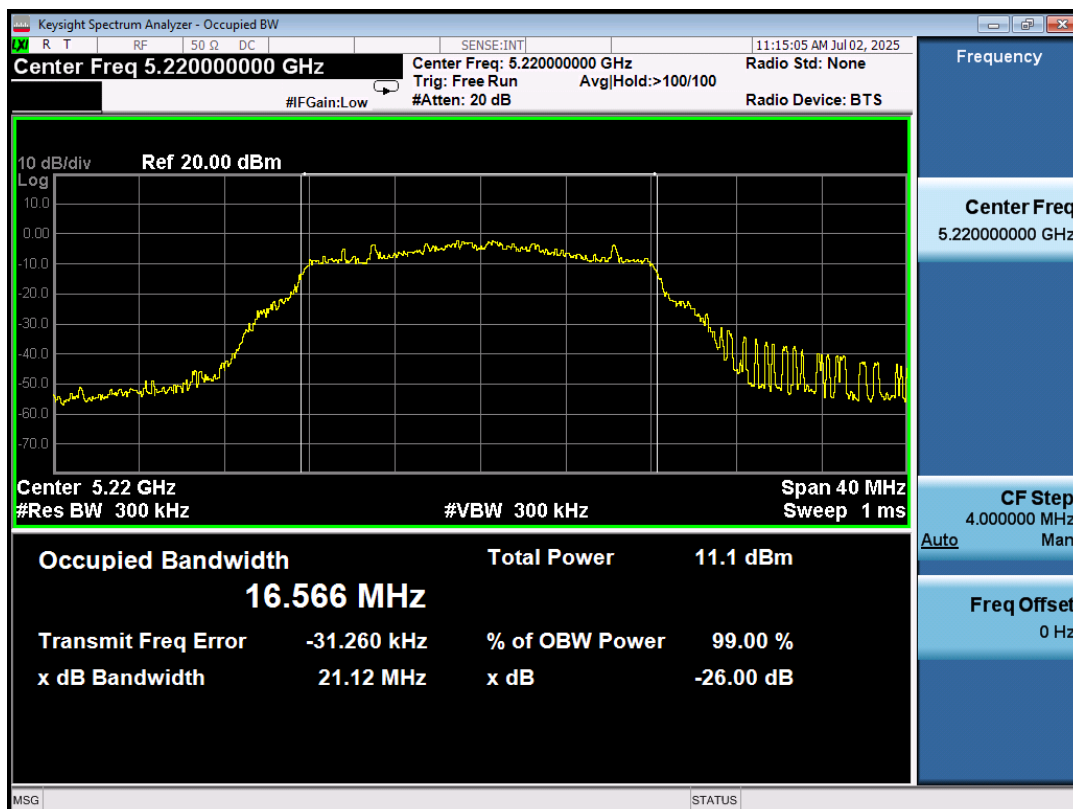
Frequency (MHz)	Measured Value (MHz)		Limit (MHz)	Result
	Chain A	Chain B		
5180	16.514	16.461	≤ 20	Pass
5220	16.566	16.473	≤ 20	Pass
5240	16.558	16.427	≤ 20	Pass

Note: The spectrum plots are attached on the following pages.

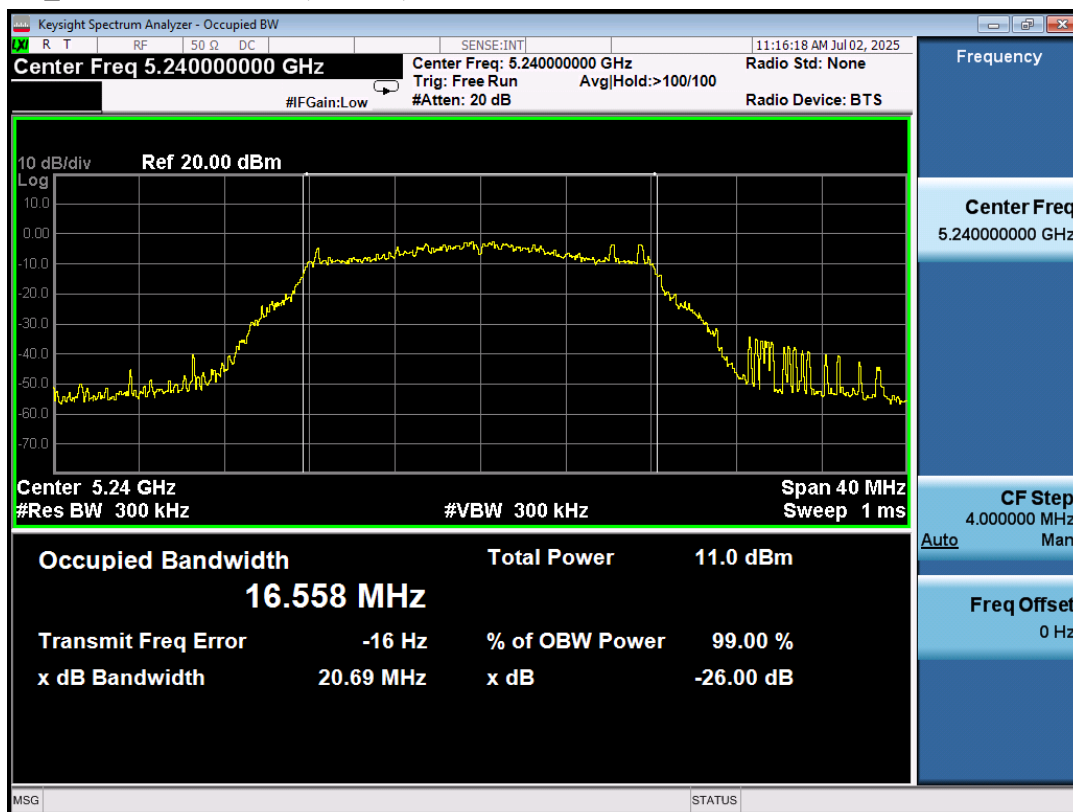
Chain A_Mode 1 : Transmit (802.11a) ; 5180MHz



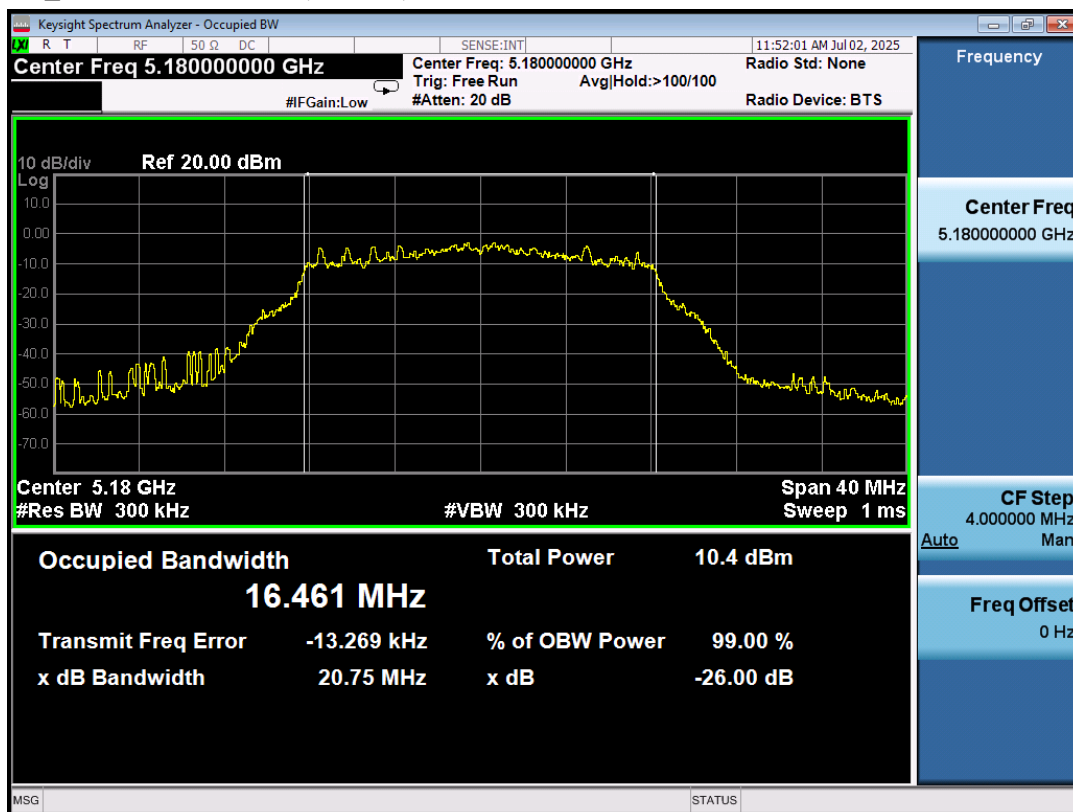
Chain A_Mode 1 : Transmit (802.11a) ; 5220MHz



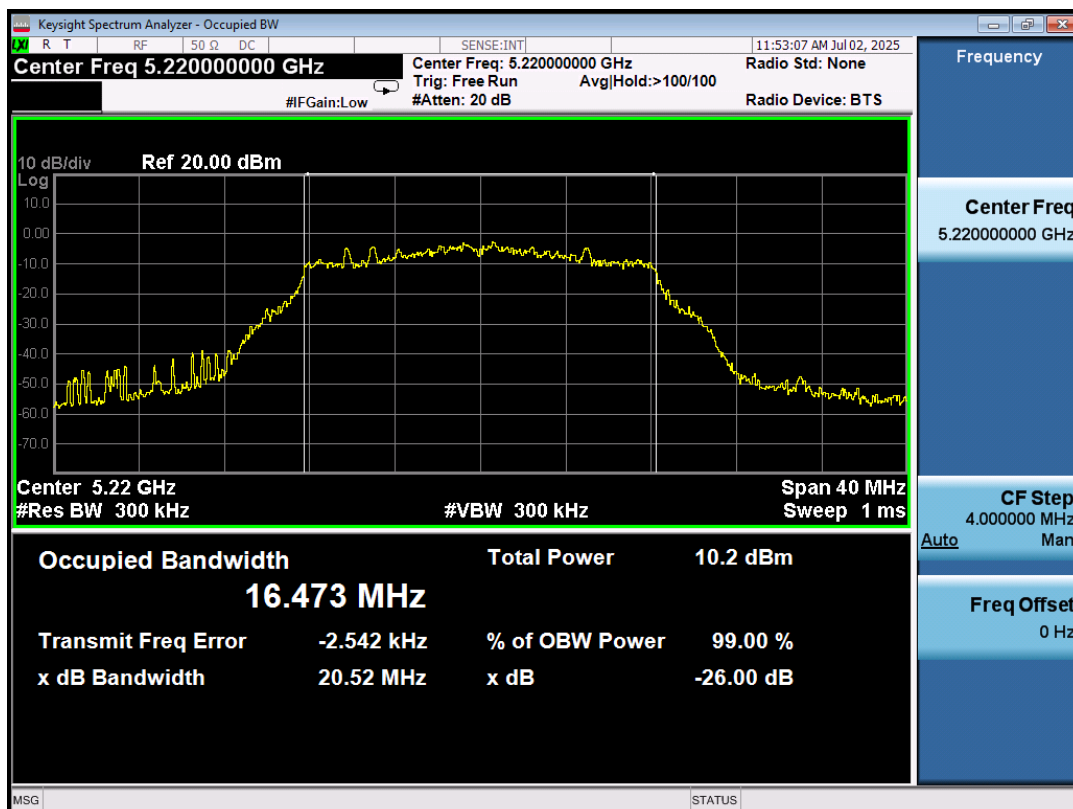
Chain A_Mode 1 : Transmit (802.11a) ; 5240MHz



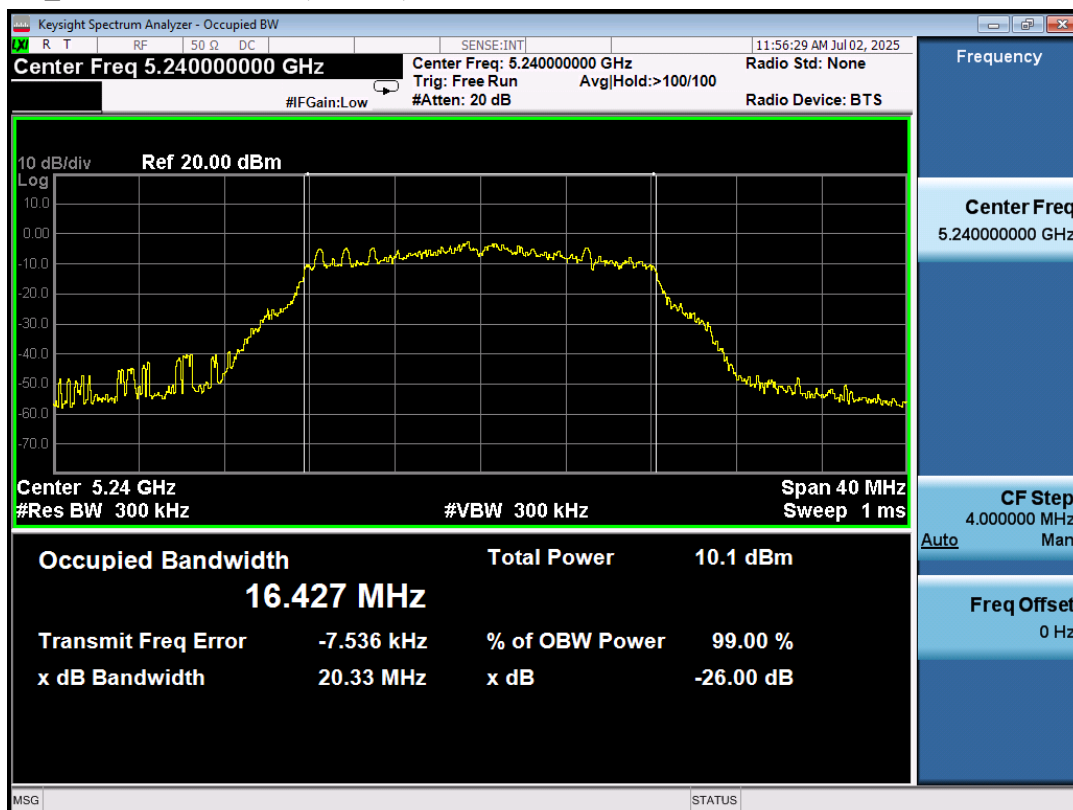
Chain B_Mode 1 : Transmit (802.11a) ; 5180MHz



Chain B_Mode 1 : Transmit (802.11a) ; 5220MHz



Chain B_Mode 1 : Transmit (802.11a) ; 5240MHz

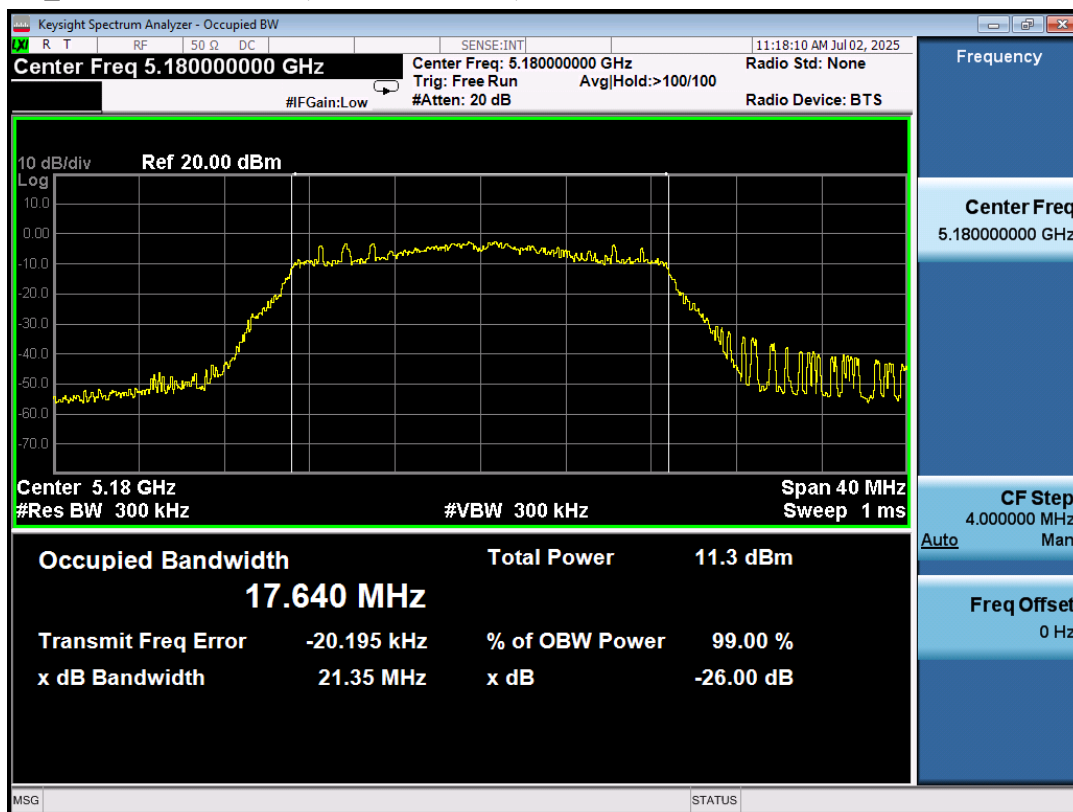


Product : Audio Device
Test Item : Occupied Bandwidth
Test Mode : Mode 2 : Transmit (802.11ac VHT20)
Test Voltage : 100V

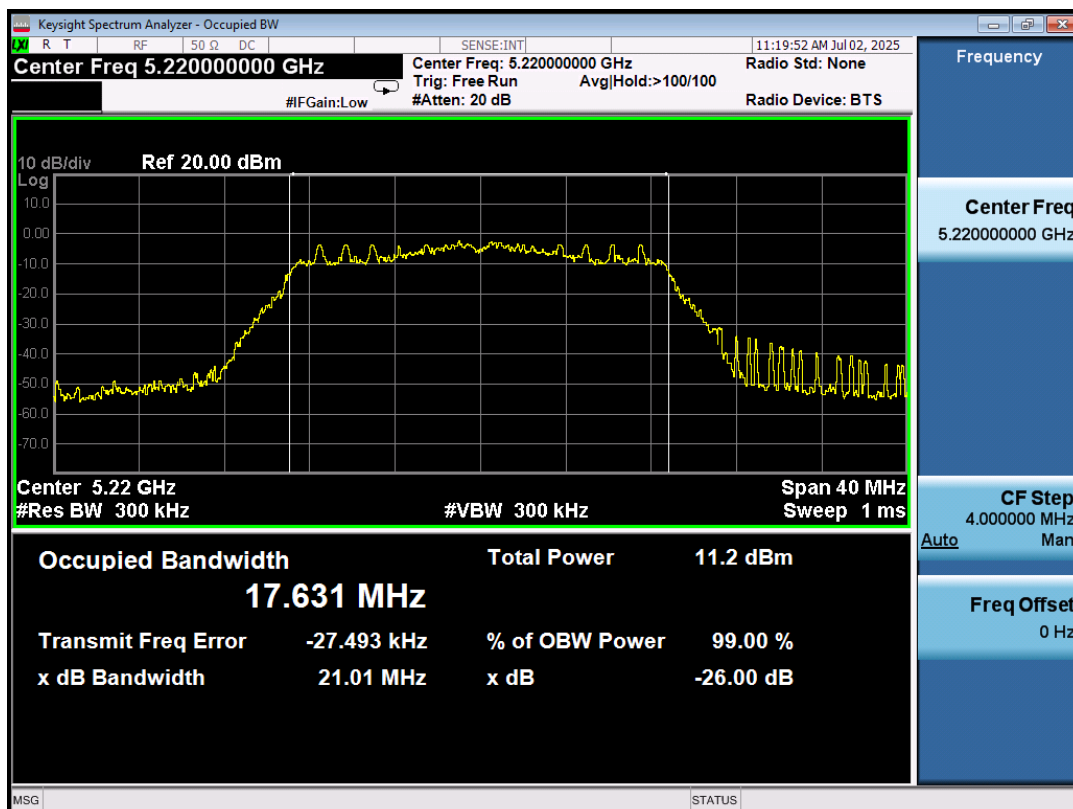
Frequency (MHz)	Measured Value (MHz)		Limit (MHz)	Result
	Chain A	Chain B		
5180	17.640	17.562	≤ 20	Pass
5220	17.631	17.561	≤ 20	Pass
5240	17.626	17.600	≤ 20	Pass

Note: The spectrum plots are attached on the following pages.

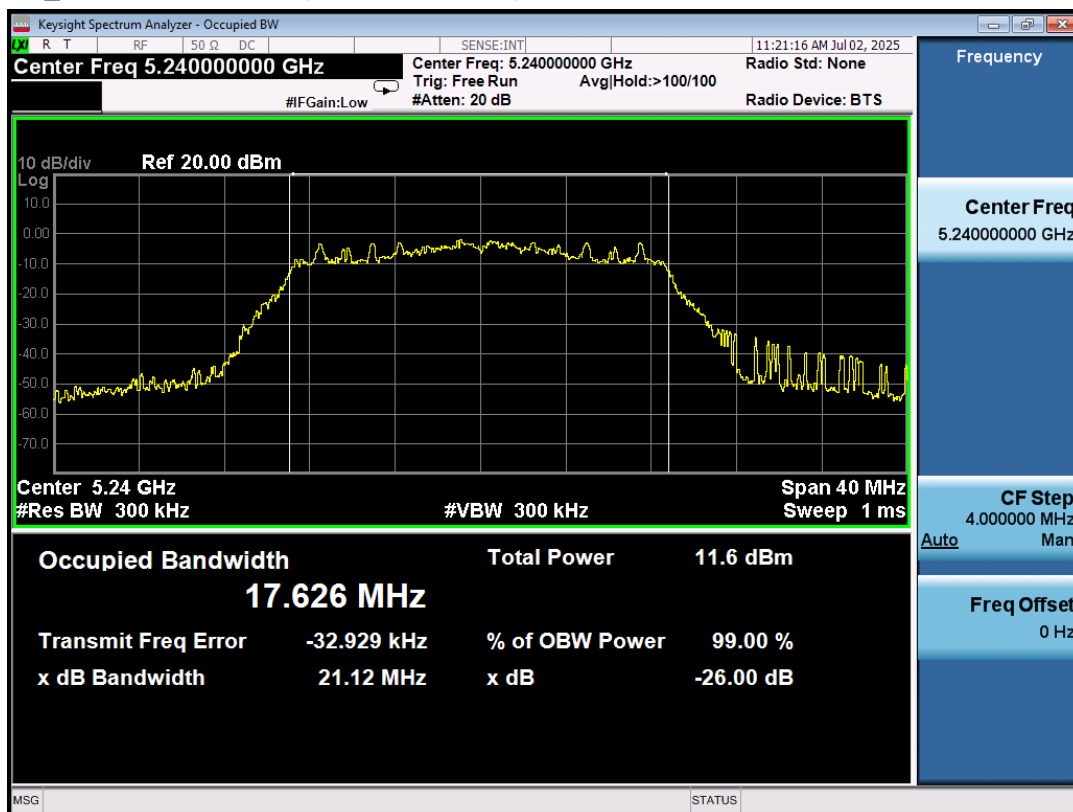
Chain A_Mode 2 : Transmit (802.11ac VHT20) ; 5180MHz



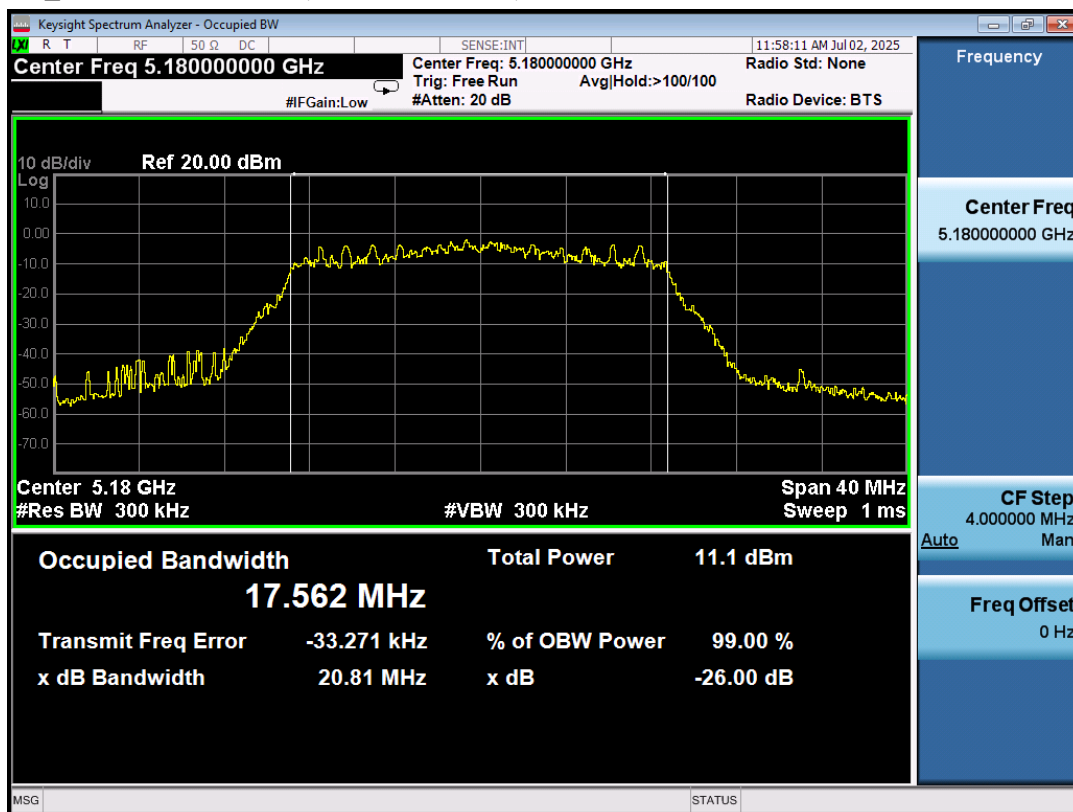
Chain A_Mode 2 : Transmit (802.11ac VHT20) ; 5220MHz



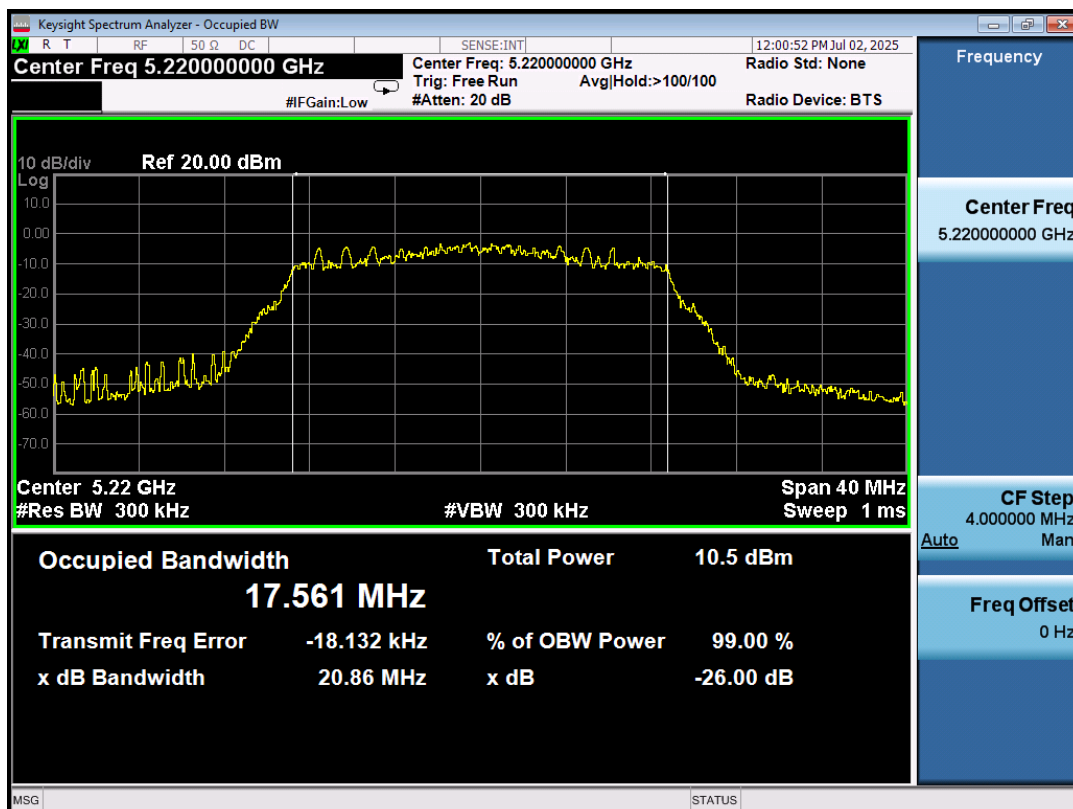
Chain A_Mode 2 : Transmit (802.11ac VHT20); 5240MHz



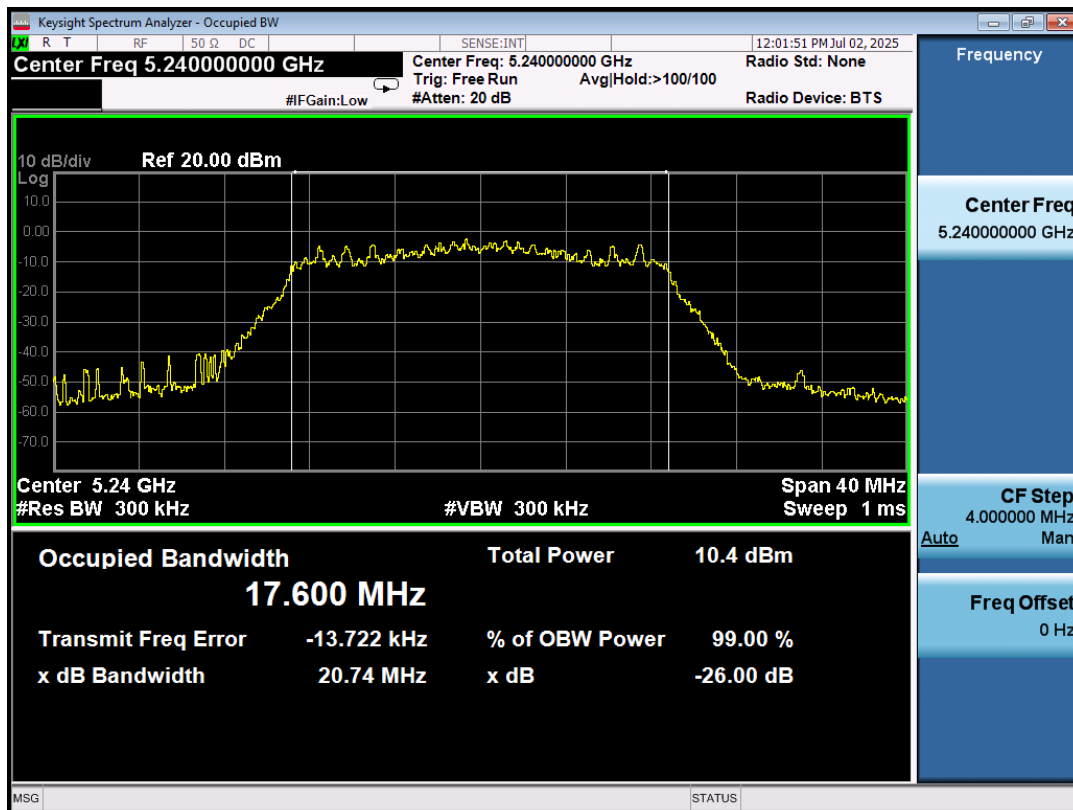
Chain B_Mode 2 : Transmit (802.11ac VHT20) ; 5180MHz



Chain B_Mode 2 : Transmit (802.11ac VHT20) ; 5220MHz



Chain B_Mode 2 : Transmit (802.11ac VHT20); 5240MHz

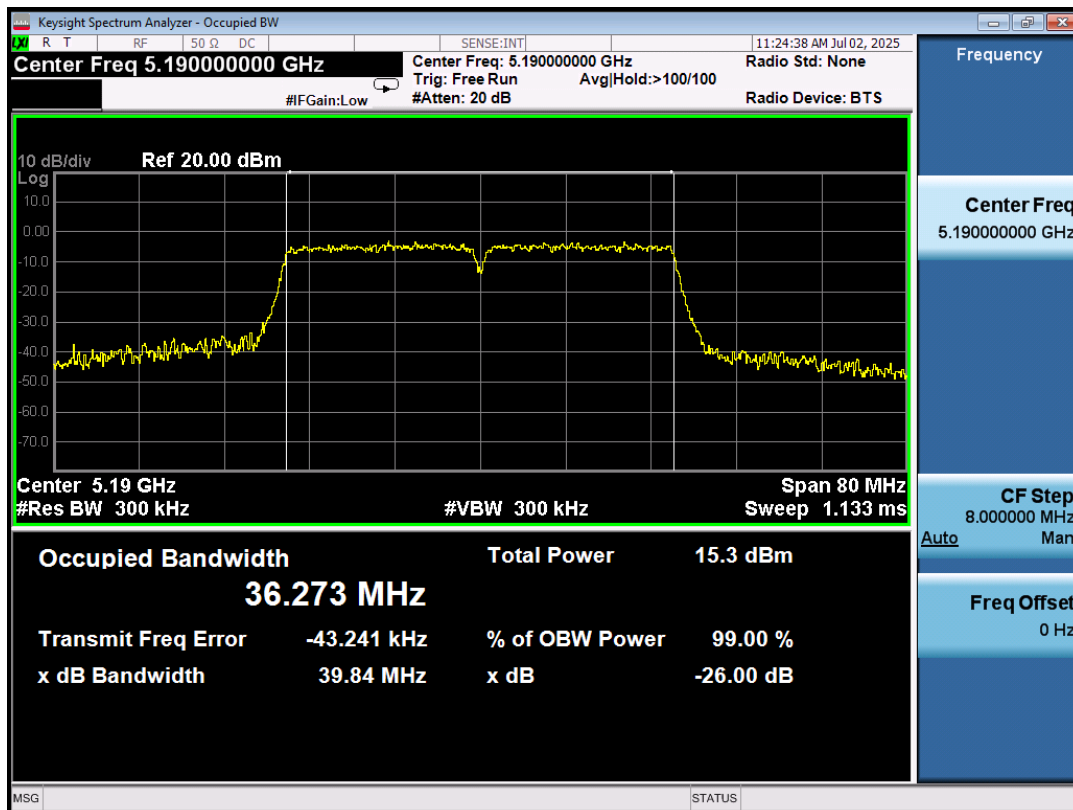


Product : Audio Device
Test Item : Occupied Bandwidth
Test Mode : Mode 3 : Transmit (802.11ac VHT40)
Test Voltage : 100V

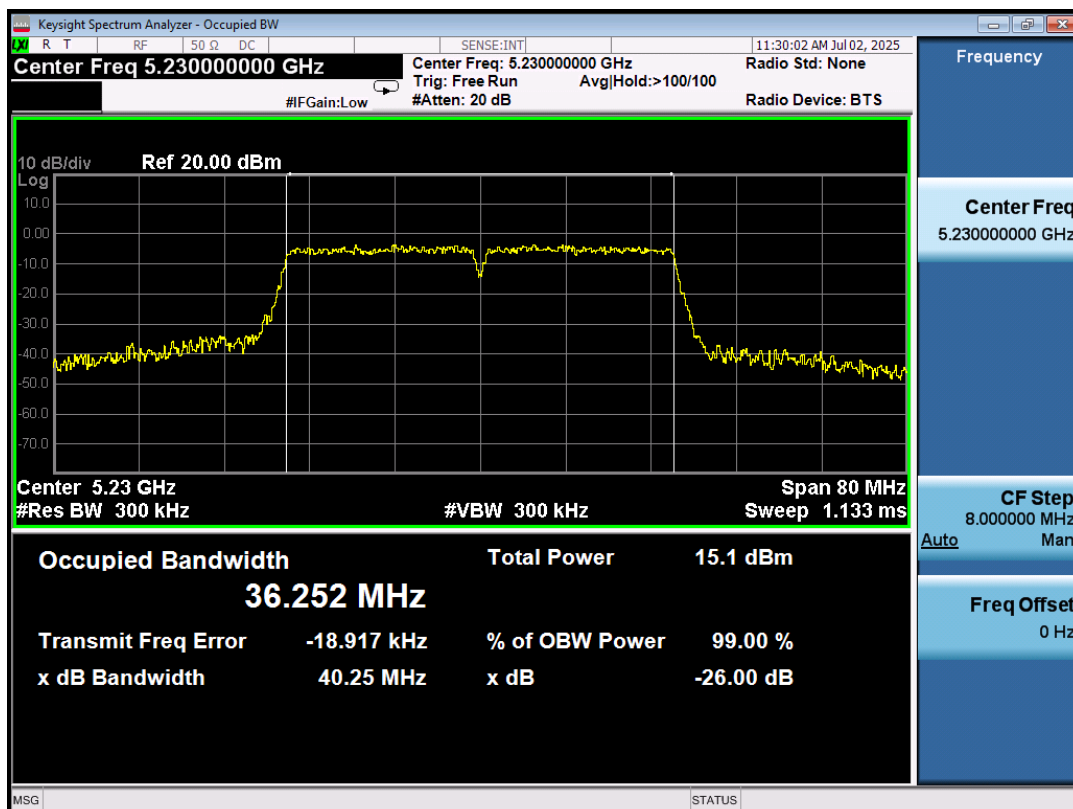
Frequency (MHz)	Measured Value (MHz)		Limit (MHz)	Result
	Chain A	Chain B		
5190	36.273	36.228	≤ 40	Pass
5230	36.252	36.207	≤ 40	Pass

Note: The spectrum plots are attached on the following pages.

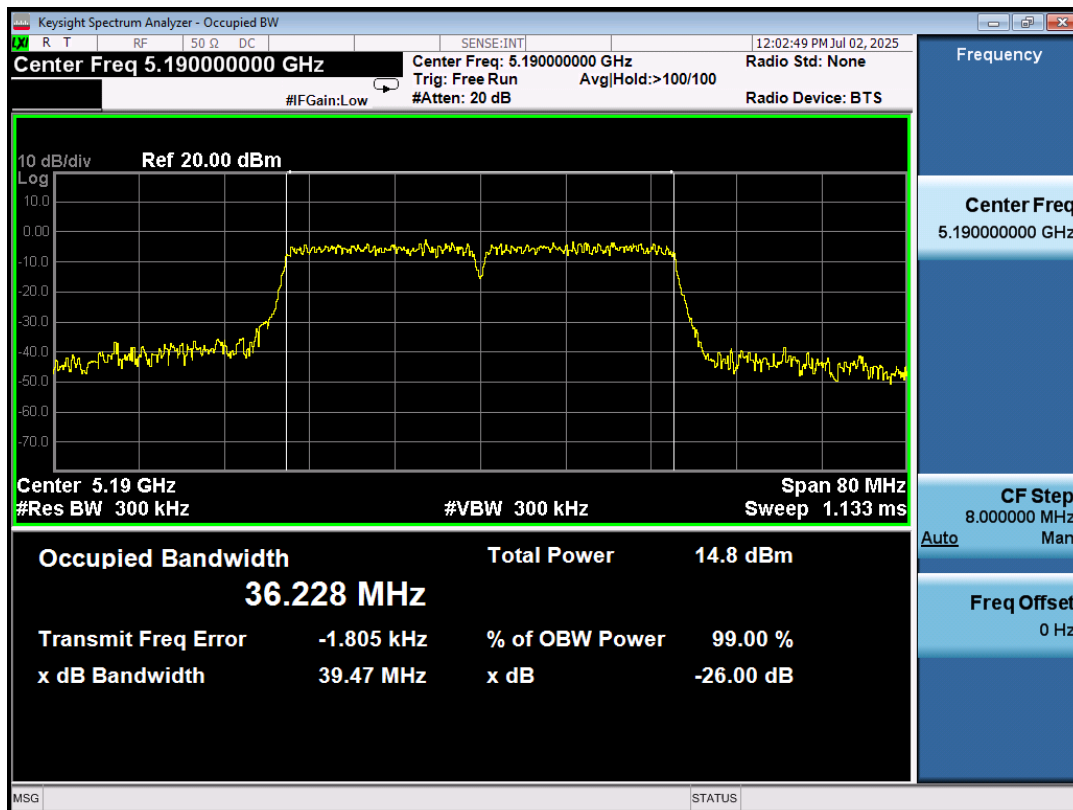
Chain A_Mode 3 : Transmit (802.11ac VHT40) ; 5190MHz



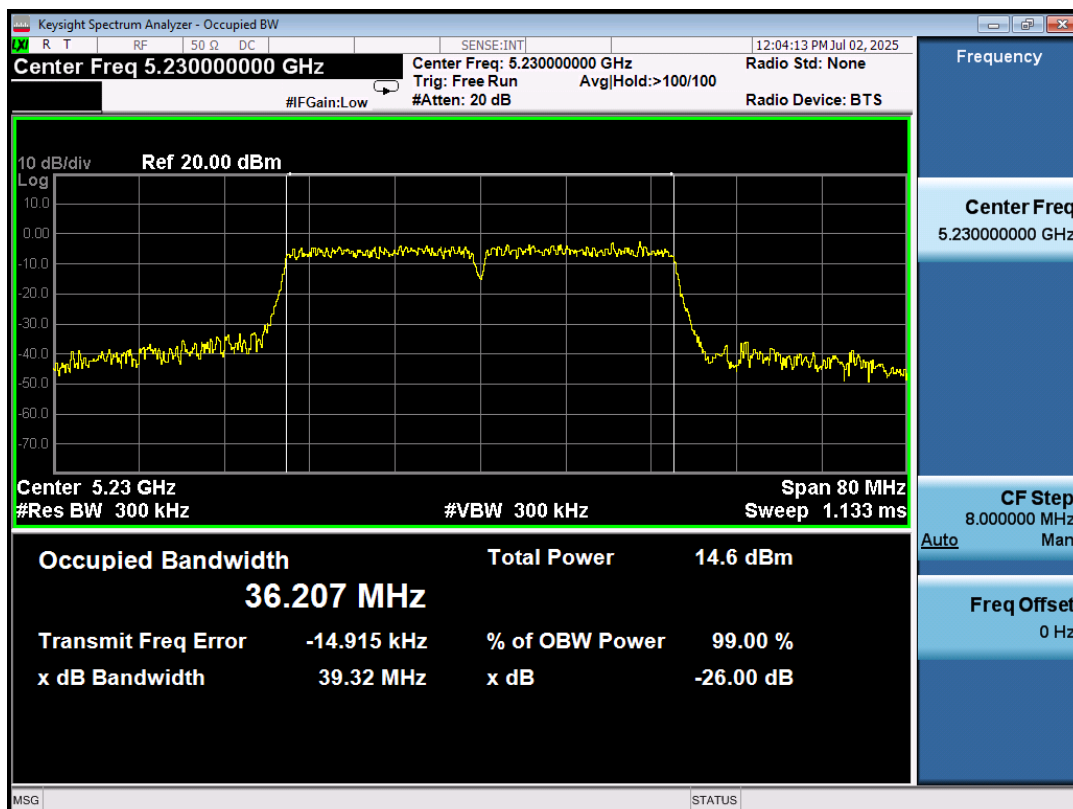
Chain A_Mode 3 : Transmit (802.11ac VHT40); 5230MHz



Chain B_Mode 3 : Transmit (802.11ac VHT40) ; 5190MHz



Chain B_Mode 3 : Transmit (802.11ac VHT40); 5230MHz

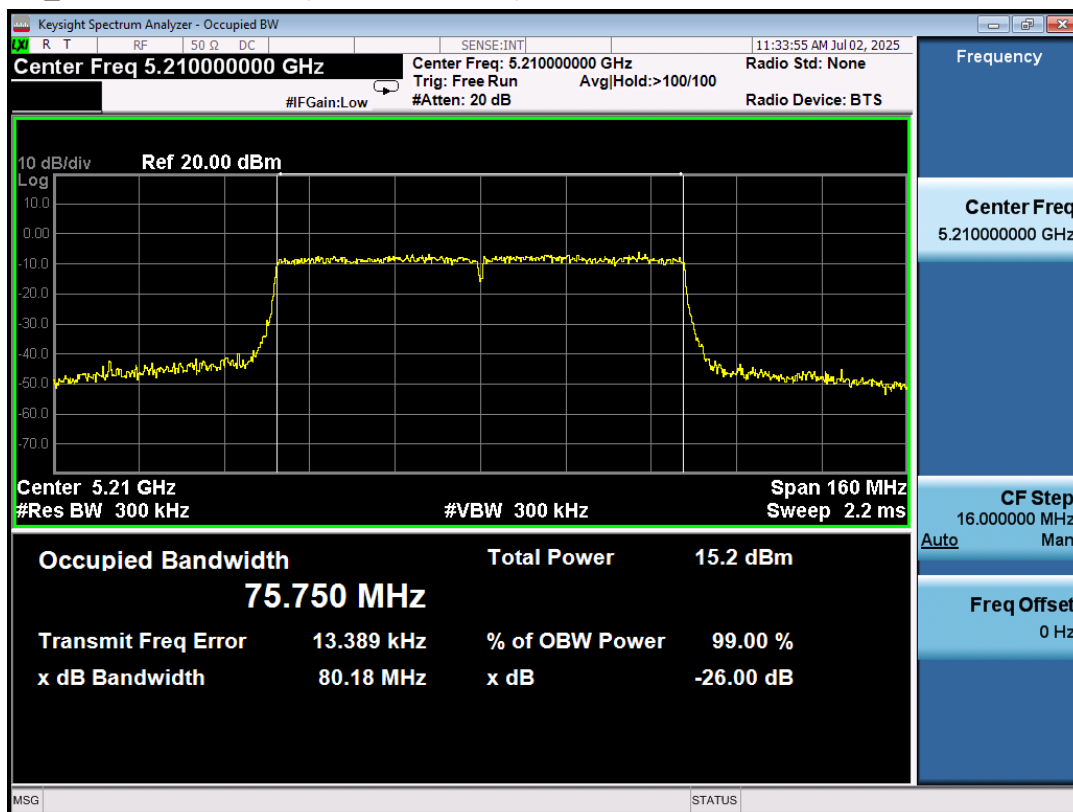


Product : Audio Device
Test Item : Occupied Bandwidth
Test Mode : Mode 4 : Transmit (802.11ac VHT80)
Test Voltage : 100V

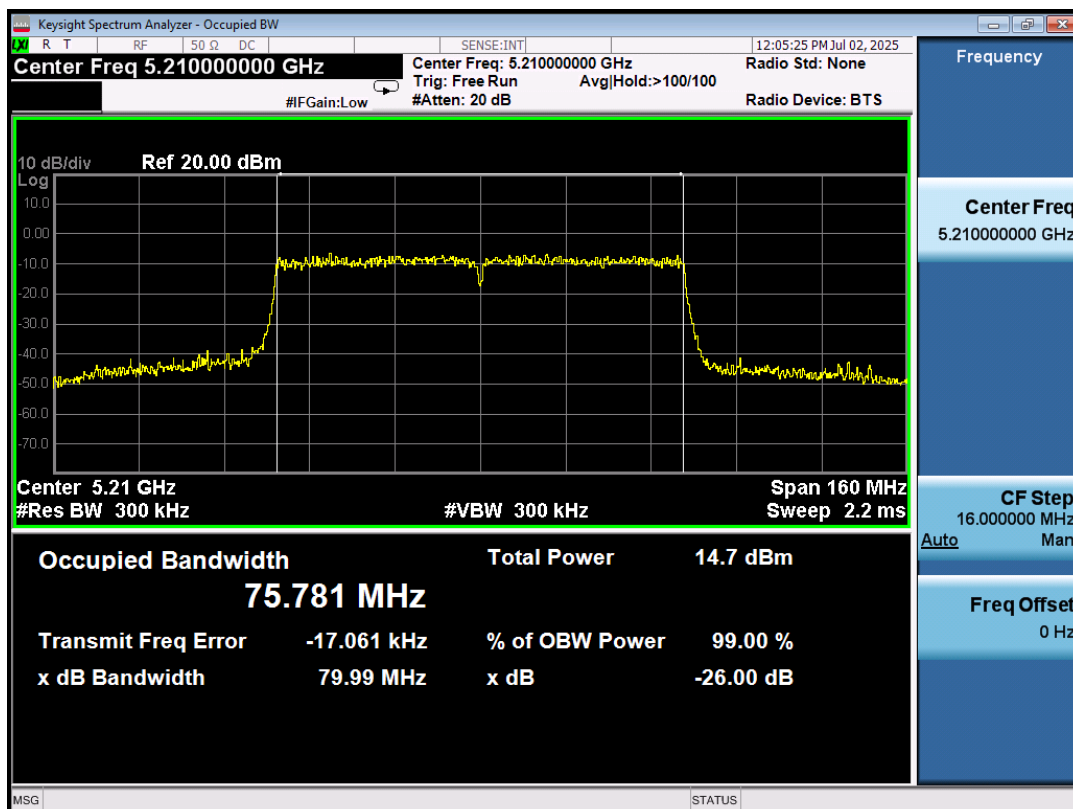
Frequency (MHz)	Measured Value (MHz)		Limit (MHz)	Result
	Chain A	Chain B		
5210	75.750	75.781	≤ 80	Pass

Note: The spectrum plots are attached on the following pages.

Chain A_Mode 4 : Transmit (802.11ac VHT80) ; 5210MHz



Chain B_Mode 4 : Transmit (802.11ac VHT80) ; 5210MHz

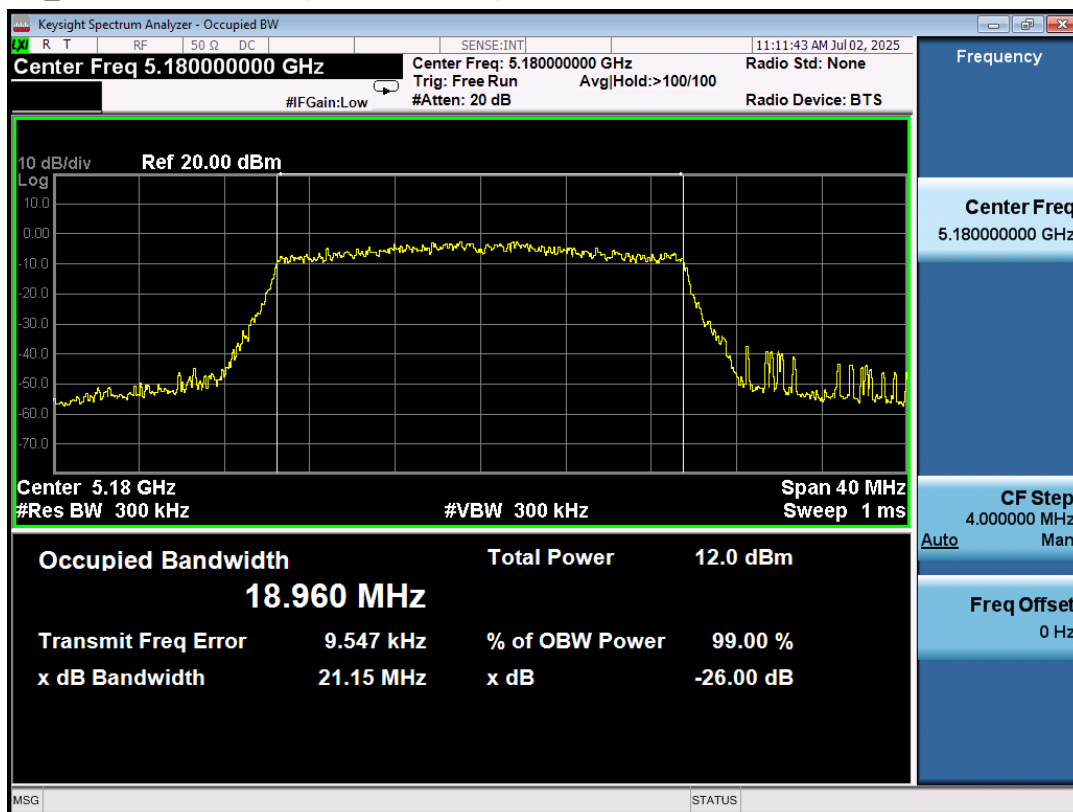


Product : Audio Device
Test Item : Occupied Bandwidth
Test Mode : Mode 5 : Transmit (802.11ax HE20)
Test Voltage : 100V

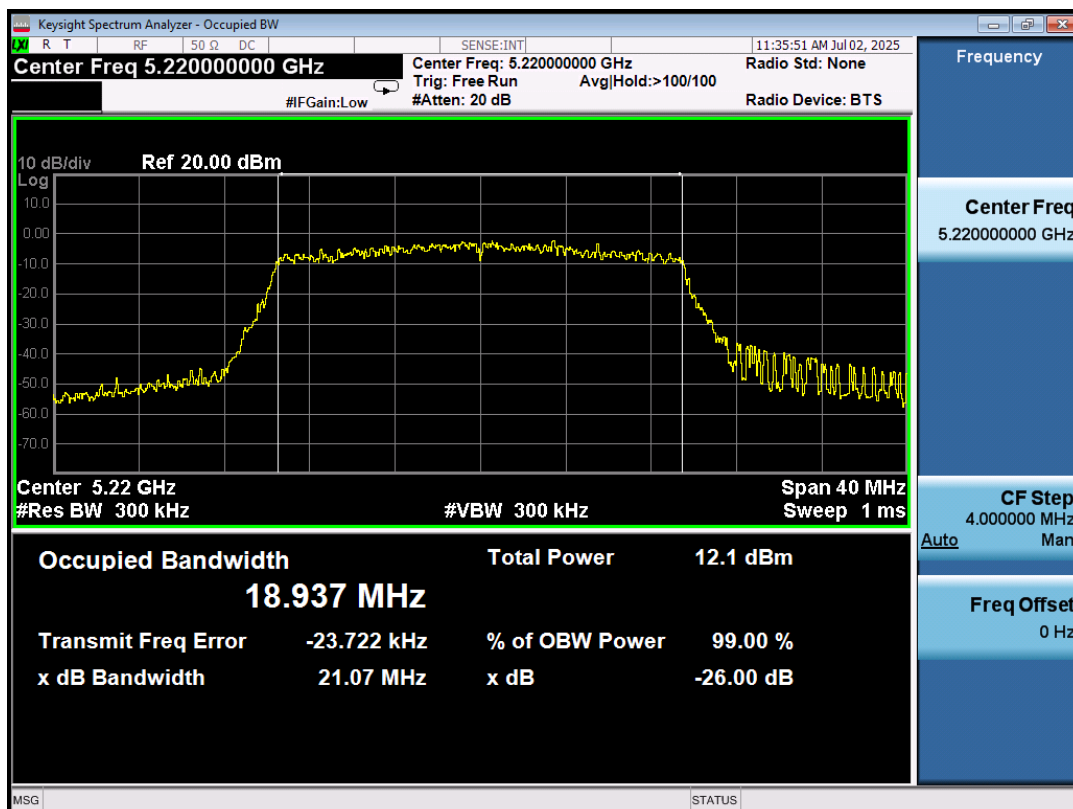
Frequency (MHz)	Measured Value (MHz)		Limit (MHz)	Result
	Chain A	Chain B		
5180	18.960	18.913	≤ 20	Pass
5220	18.937	18.943	≤ 20	Pass
5240	18.957	18.903	≤ 20	Pass

Note: The spectrum plots are attached on the following pages.

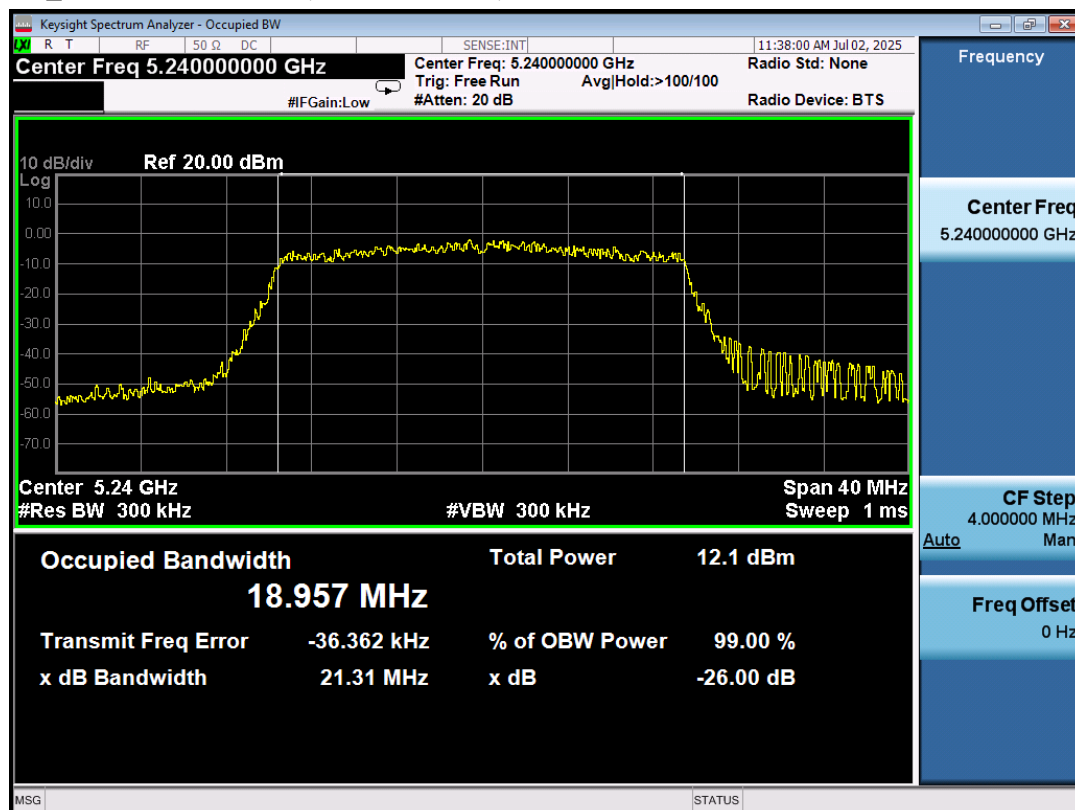
Chain A_Mode 5 : Transmit (802.11ax HE20) ; 5180MHz



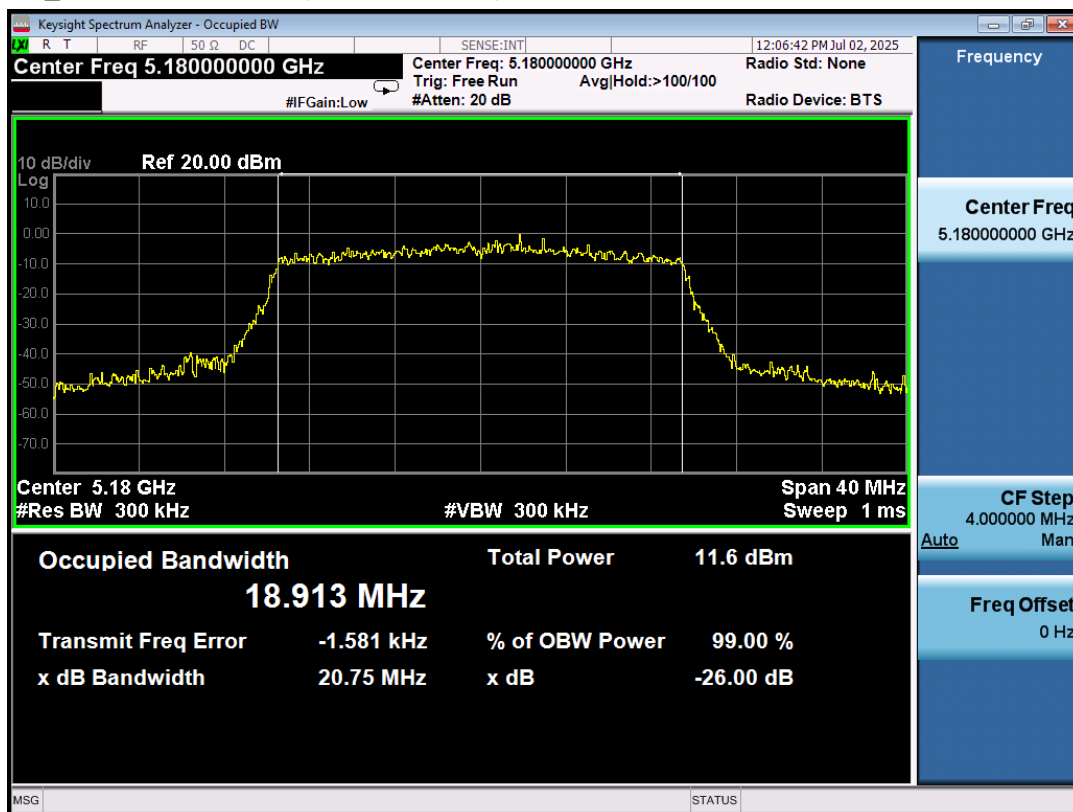
Chain A_Mode 5 : Transmit (802.11ax HE20) ; 5220MHz



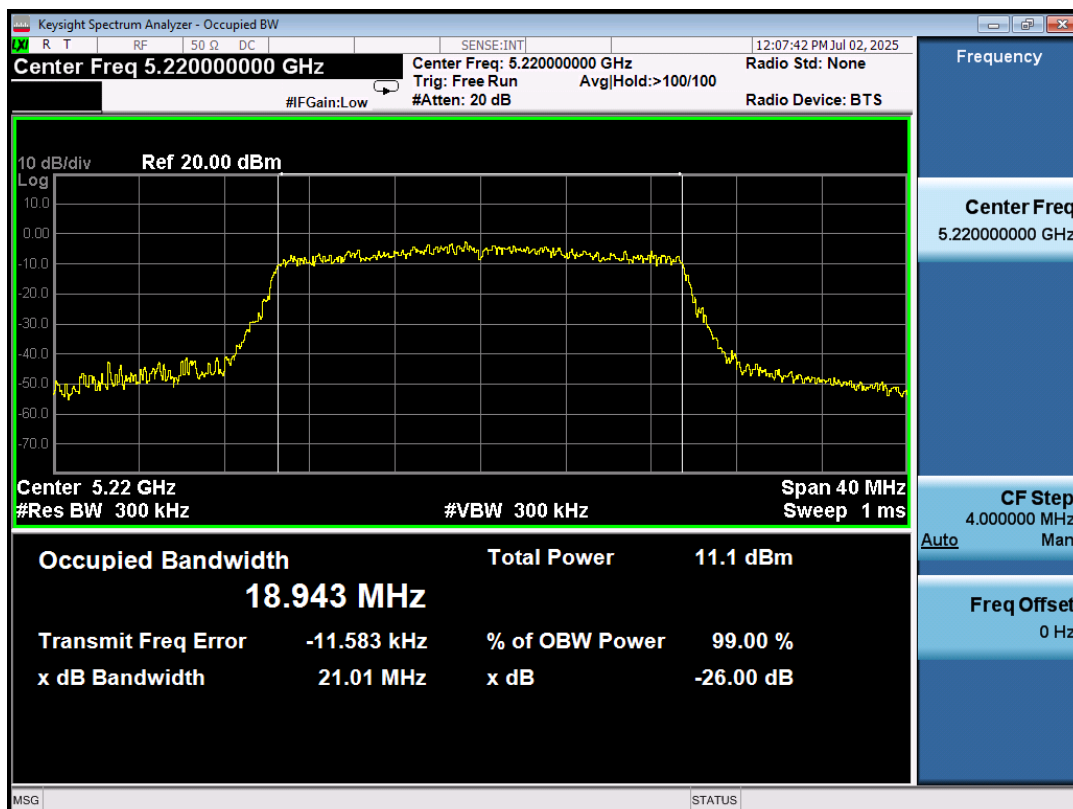
Chain A_Mode 5 : Transmit (802.11ax HE20) ; 5240MHz



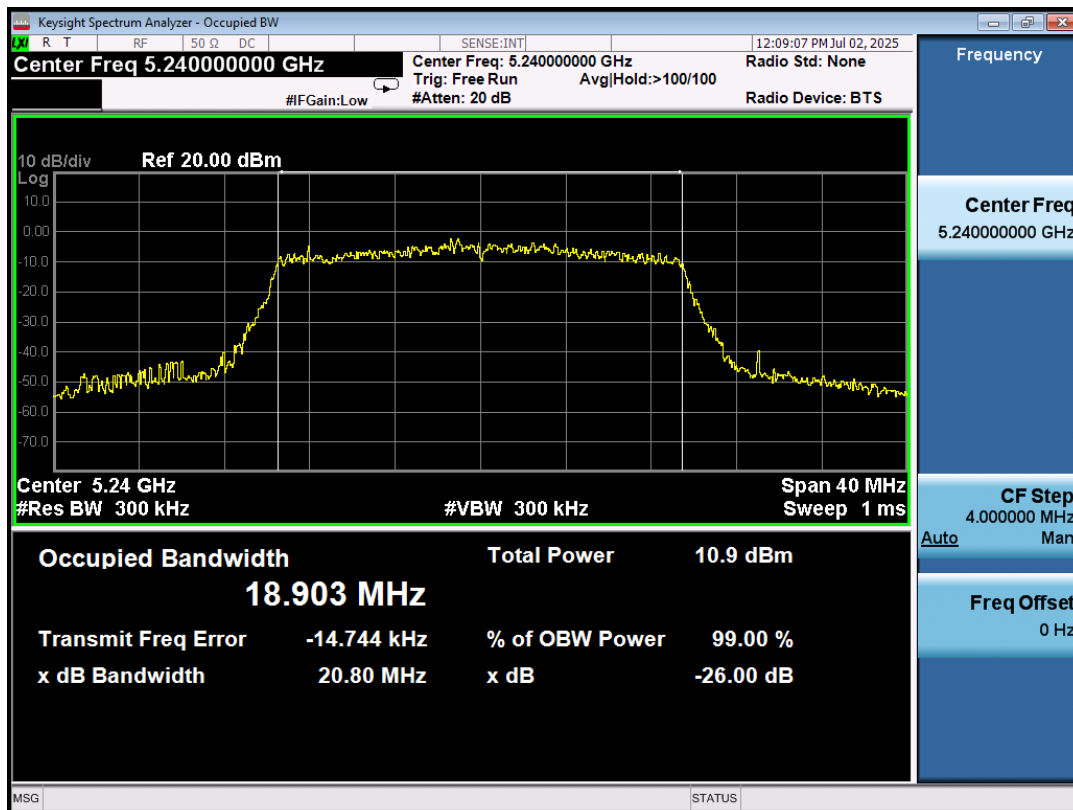
Chain B_Mode 5 : Transmit (802.11ax HE20) ; 5180MHz



Chain B_Mode 5 : Transmit (802.11ax HE20) ; 5220MHz



Chain B_Mode 5 : Transmit (802.11ax HE20) ; 5240MHz

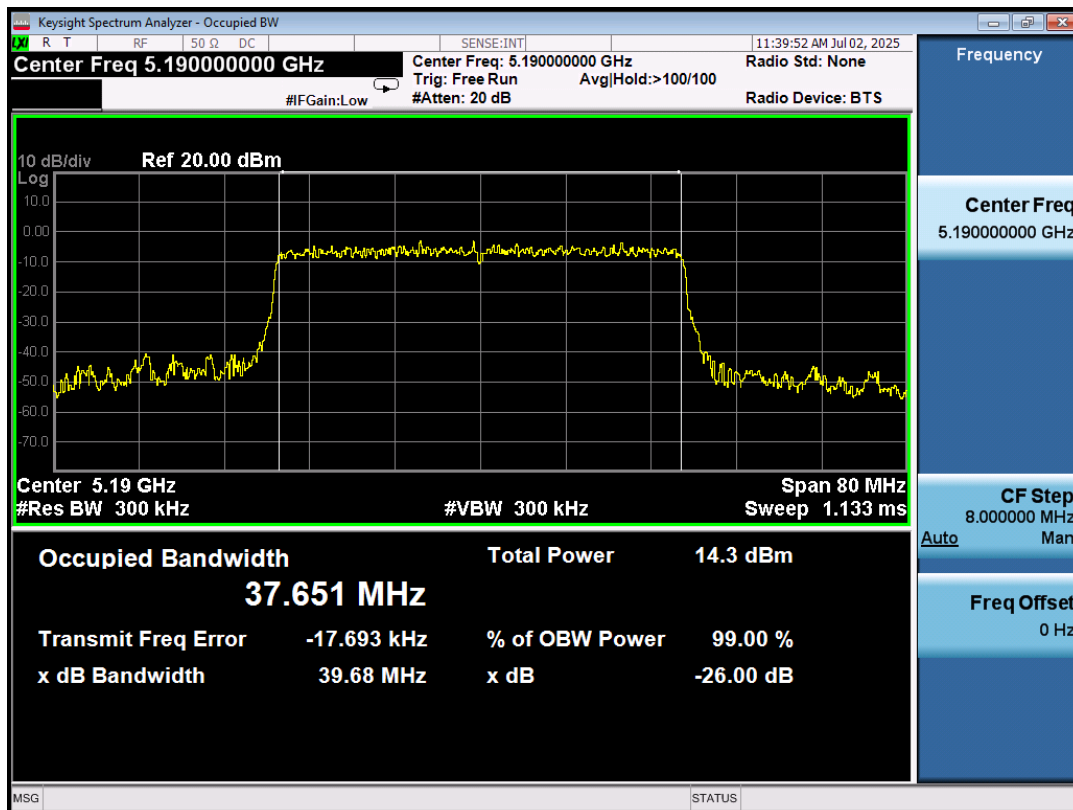


Product : Audio Device
Test Item : Occupied Bandwidth
Test Mode : Mode 6 : Transmit (802.11ax HE40)
Test Voltage : 100V

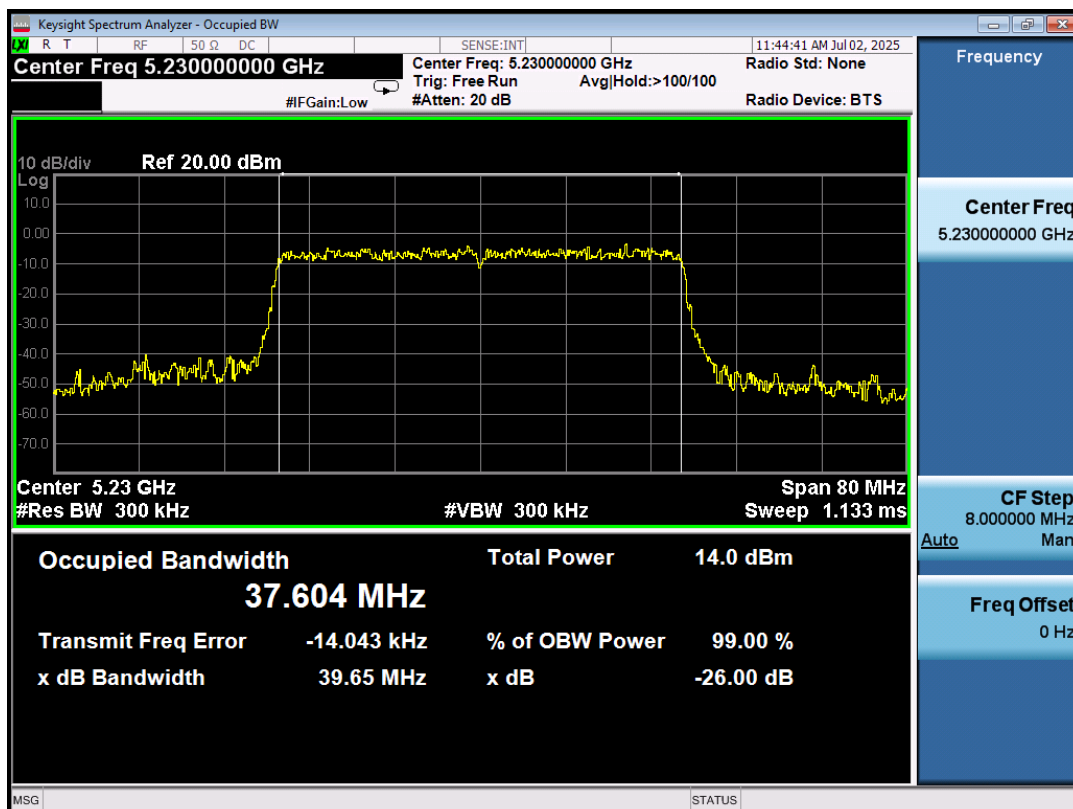
Frequency (MHz)	Measured Value (MHz)		Limit (MHz)	Result
	Chain A	Chain B		
5190	37.651	37.537	≤ 40	Pass
5230	37.604	37.649	≤ 40	Pass

Note: The spectrum plots are attached on the following pages.

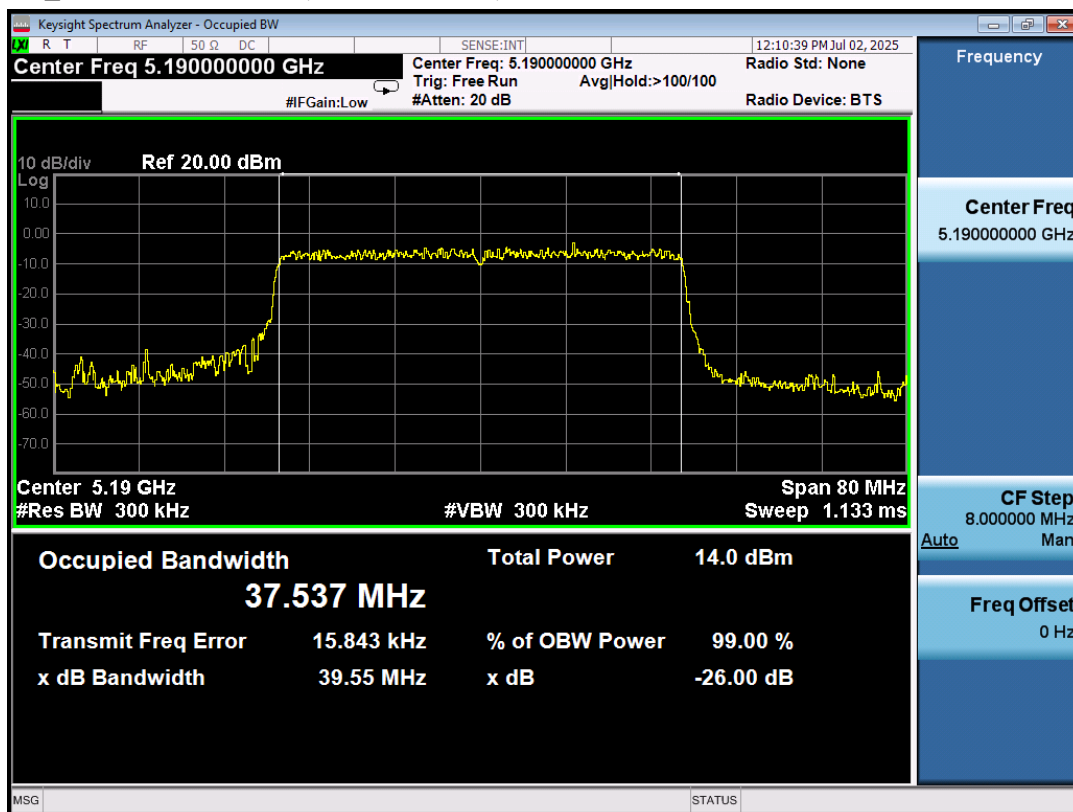
Chain A_Mode 6 : Transmit (802.11ax HE40) ; 5190MHz



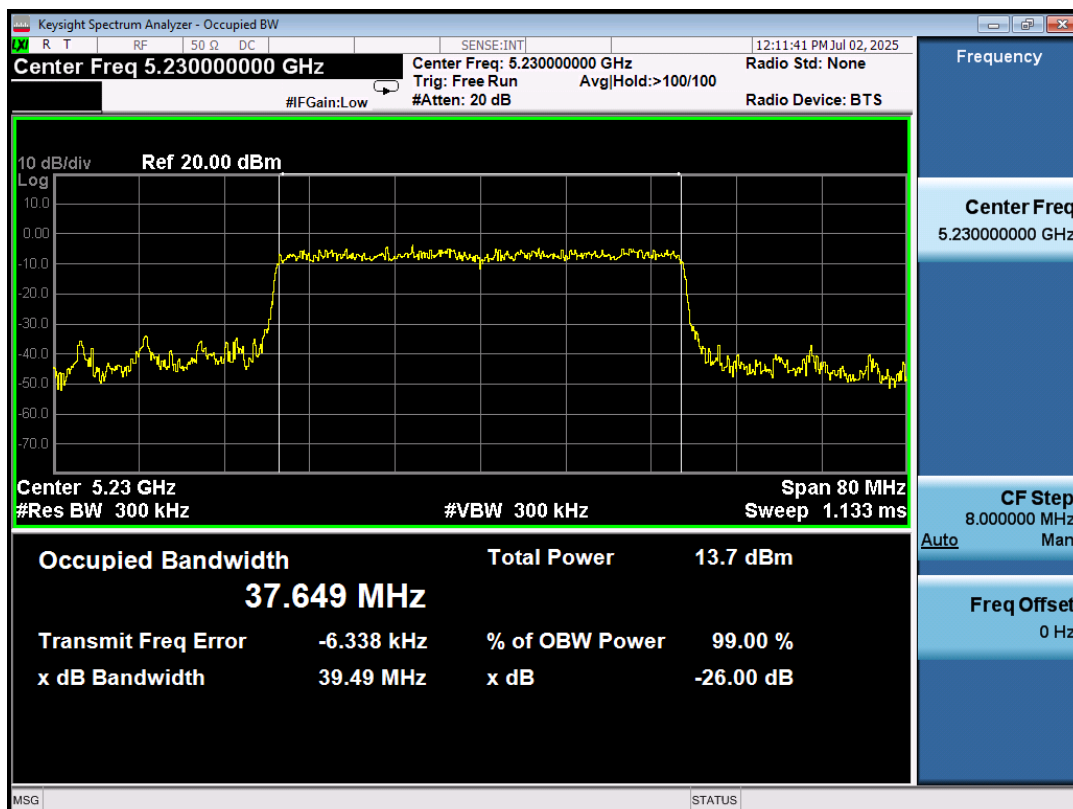
Chain A_Mode 6 : Transmit (802.11ax HE40) ; 5230MHz



Chain B_Mode 6 : Transmit (802.11ax HE40) ; 5190MHz



Chain B_Mode 6 : Transmit (802.11ax HE40) ; 5230MHz

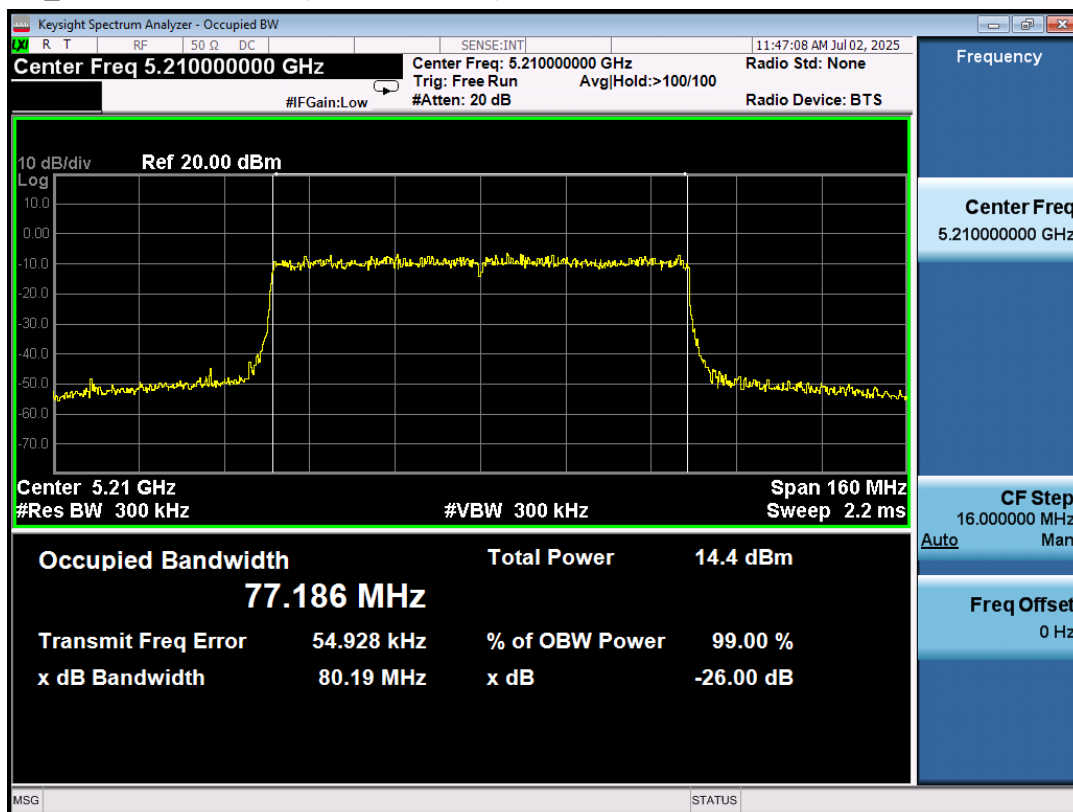


Product : Audio Device
Test Item : Occupied Bandwidth
Test Mode : Mode 7 : Transmit (802.11ax HE80)
Test Voltage : 100V

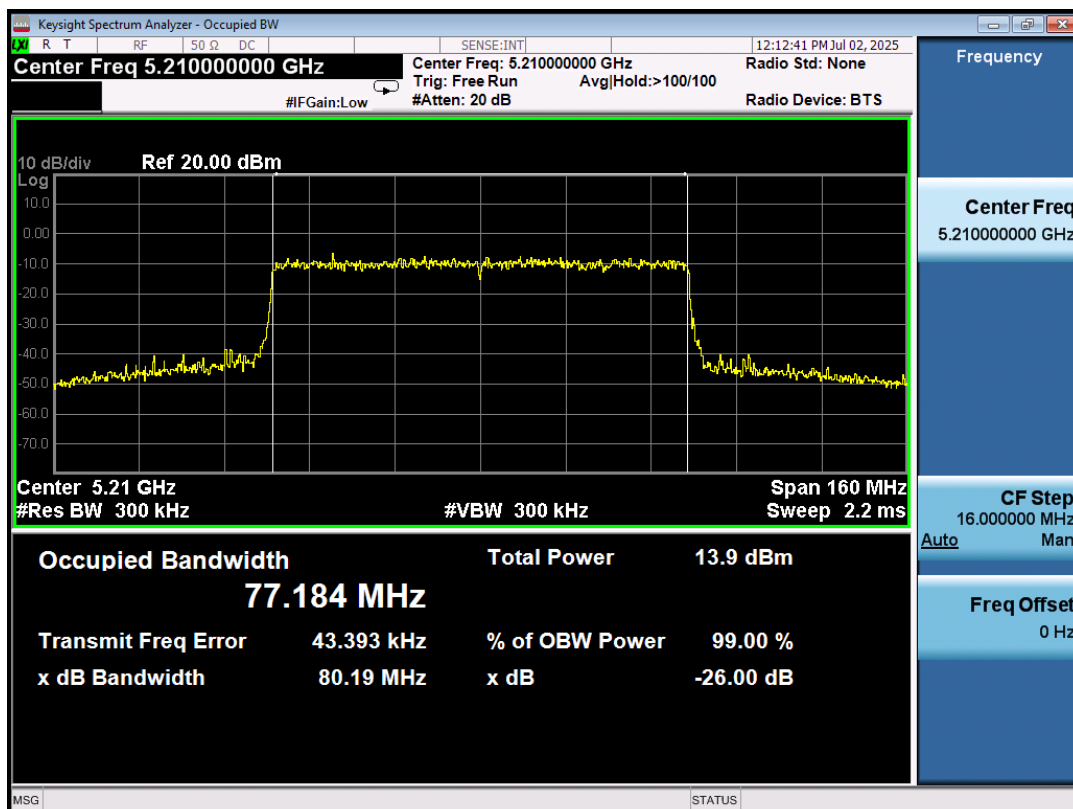
Frequency (MHz)	Measured Value (MHz)		Limit (MHz)	Result
	Chain A	Chain B		
5210	77.186	77.184	≤ 80	Pass

Note: The spectrum plots are attached on the following pages.

Chain A_Mode 7 : Transmit (802.11ax HE80) ; 5210MHz



Chain B_Mode 7 : Transmit (802.11ax HE80) ; 5210MHz



2.5 Adjacent Channel Leakage Power

2.5.1 Limit

Bandwidth (MHz)	Measured Frequency Range	Limit (dBc)
20	$F_c \pm 20\text{MHz}(\text{BW} \pm 10\text{MHz})$	≤ -25
	$F_c \pm 40\text{MHz}(\text{BW} \pm 10\text{MHz})$	≤ -40
40	$F_c \pm 40\text{MHz}(\text{BW} \pm 20\text{MHz})$	≤ -25
	$F_c \pm 80\text{MHz}(\text{BW} \pm 20\text{MHz})$	≤ -40
80	$F_c \pm 80\text{MHz}(\text{BW} \pm 40\text{MHz})$	≤ -25
160	--	--

2.5.2 Test setup



2.5.3 Test procedure

A spectrum analyzer or similar device shall be used to observe a sample of the modulated transmitter's radio frequency power output.

- A sample detector function must be used.
- Open spectrum analyzer 'Adj Channel Power' function.
- Set points of $\pm 20\text{MHz}$ and $\pm 40\text{MHz}$ as 18MHz band.
- The measurement instrument bandwidth and span must be set sufficiently with, and the scan time set sufficiently slow, to ensure all major modulation products are captured. Note that the measurement bandwidth should also be set sufficiently narrow to avoid adding significant error to the test result.
- 'Maximum Hold' mode may be used to accumulate the measurement result over several scans provided the emission is repetitive in nature.

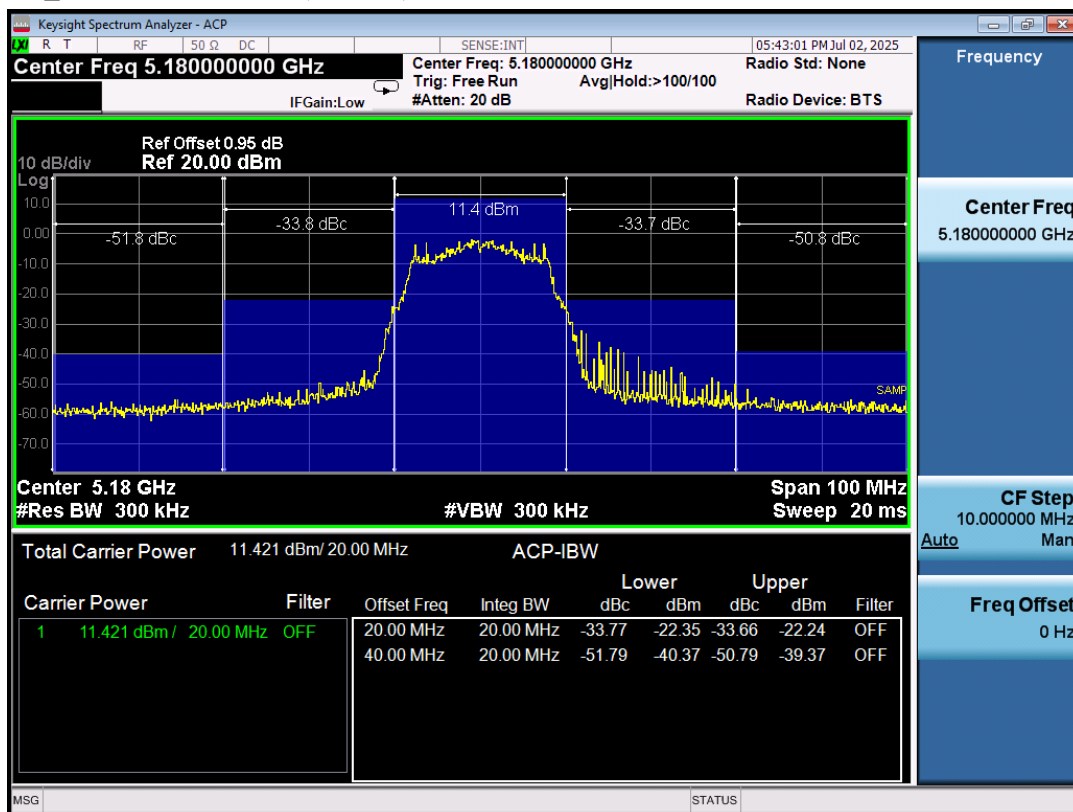
2.5.4 Test Result

Product : Audio Device
Test Item : Adjacent Channel Leakage Power
Test Mode : Mode 1 : Transmit (802.11a)
Test Voltage : 100V

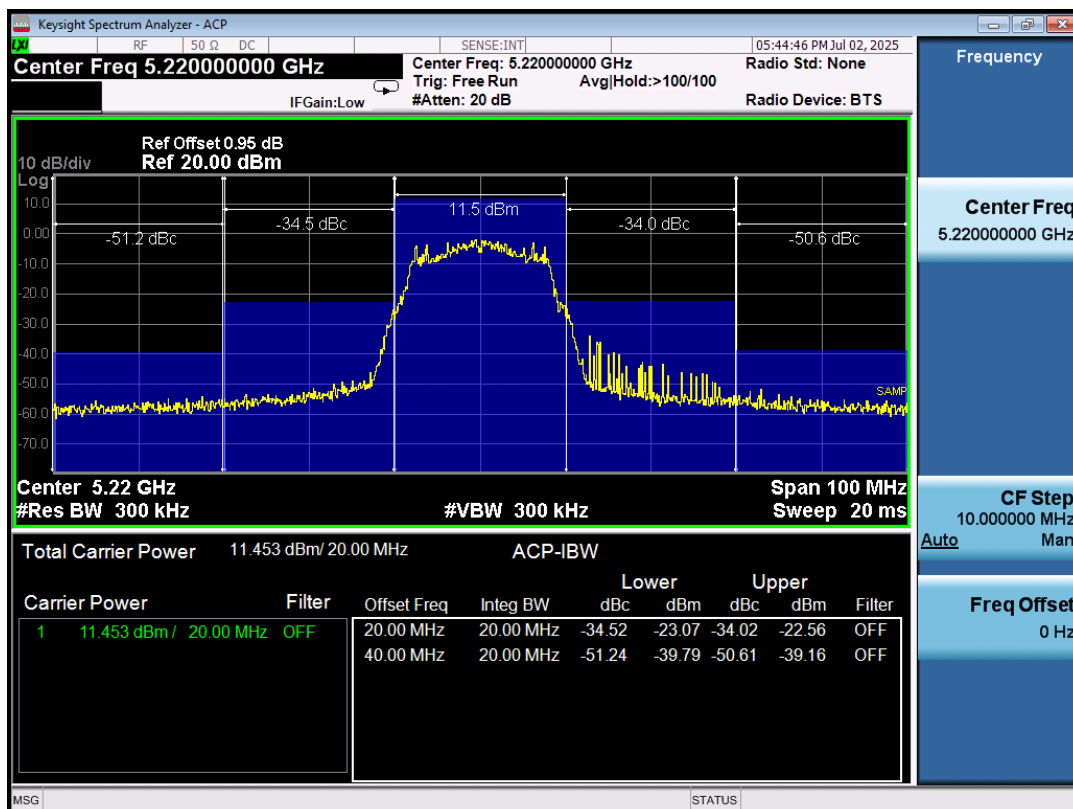
Freq. (MHz)	Measured Frequency Range	Reading Value (dBc)		Limit (dBc)	Result
		Chain A	Chain B		
5180	Fc - 40MHz	-51.79	-51.28	≤ -40	Pass
	Fc - 20MHz	-33.77	-34.67	≤ -25	Pass
	Fc + 20MHz	-33.66	-35.35	≤ -25	Pass
	Fc + 40MHz	-50.79	-50.57	≤ -40	Pass
5220	Fc - 40MHz	-51.24	-51.31	≤ -40	Pass
	Fc - 20MHz	-34.52	-34.54	≤ -25	Pass
	Fc + 20MHz	-34.02	-34.87	≤ -25	Pass
	Fc + 40MHz	-50.61	-50.56	≤ -40	Pass
5240	Fc - 40MHz	-51.66	-50.93	≤ -40	Pass
	Fc - 20MHz	-34.01	-34.52	≤ -25	Pass
	Fc + 20MHz	-33.93	-34.39	≤ -25	Pass
	Fc + 40MHz	-50.79	-50.39	≤ -40	Pass

Note: The spectrum plots are attached on the following pages.

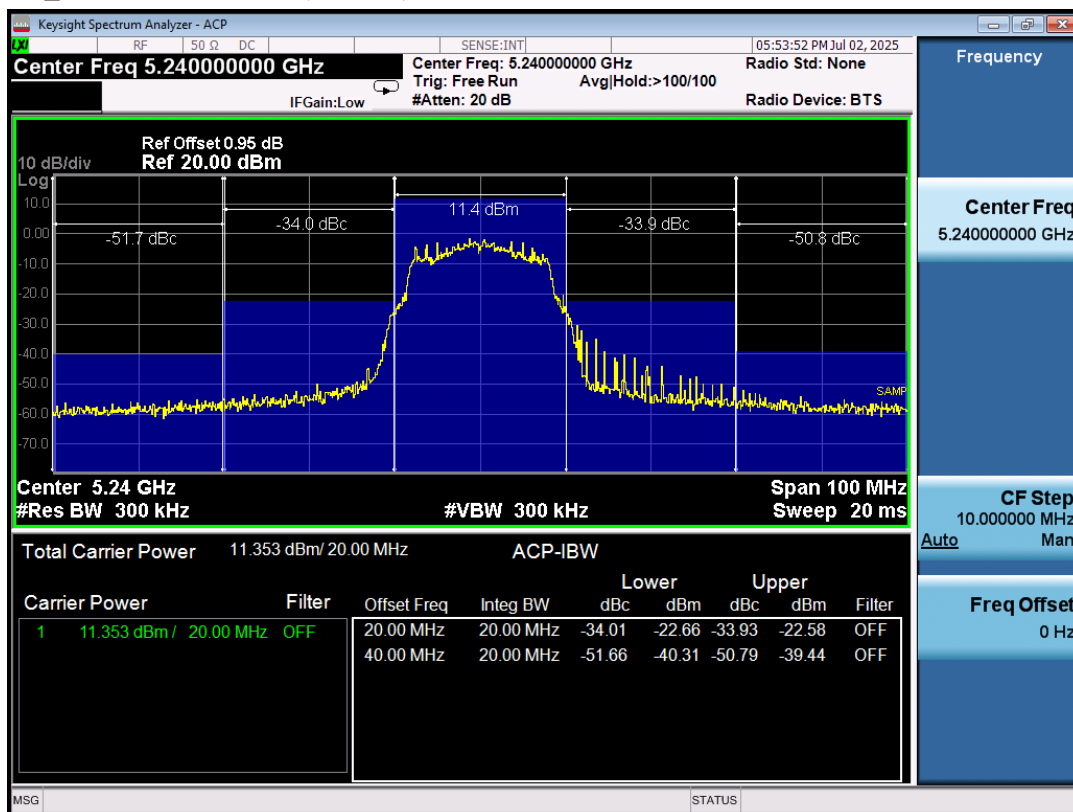
Chain A_Mode 1 : Transmit (802.11a) ; 5180MHz



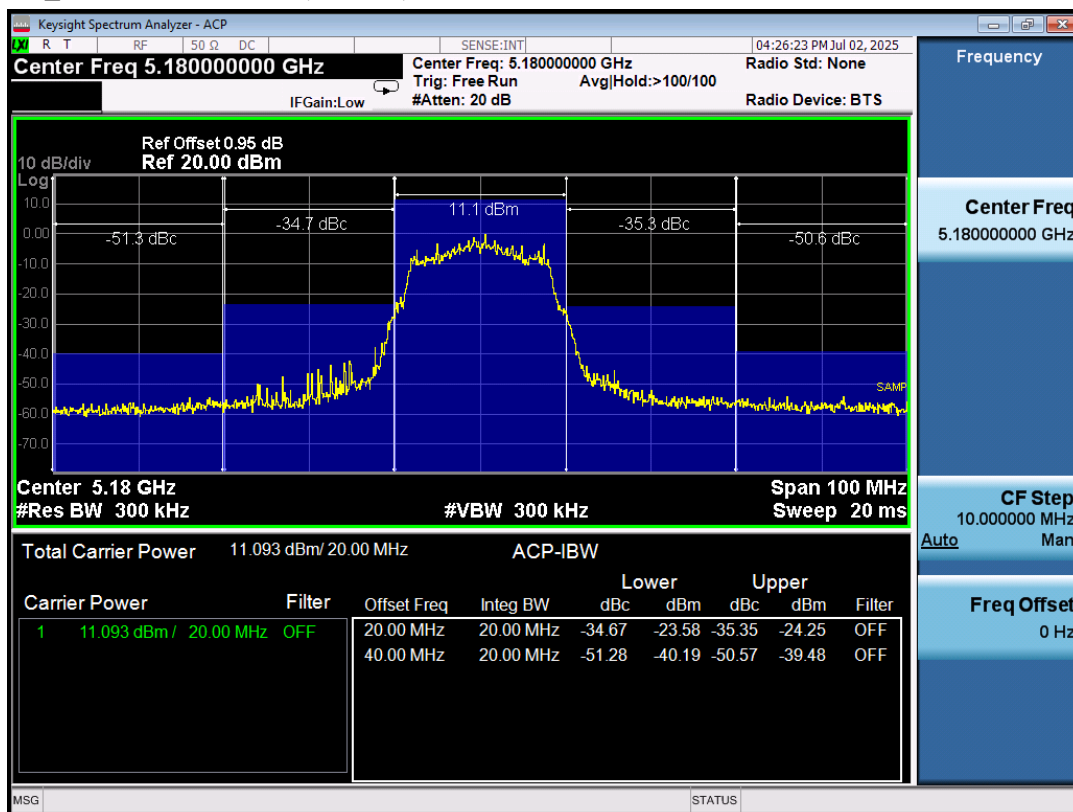
Chain A_Mode 1 : Transmit (802.11a) ; 5220MHz



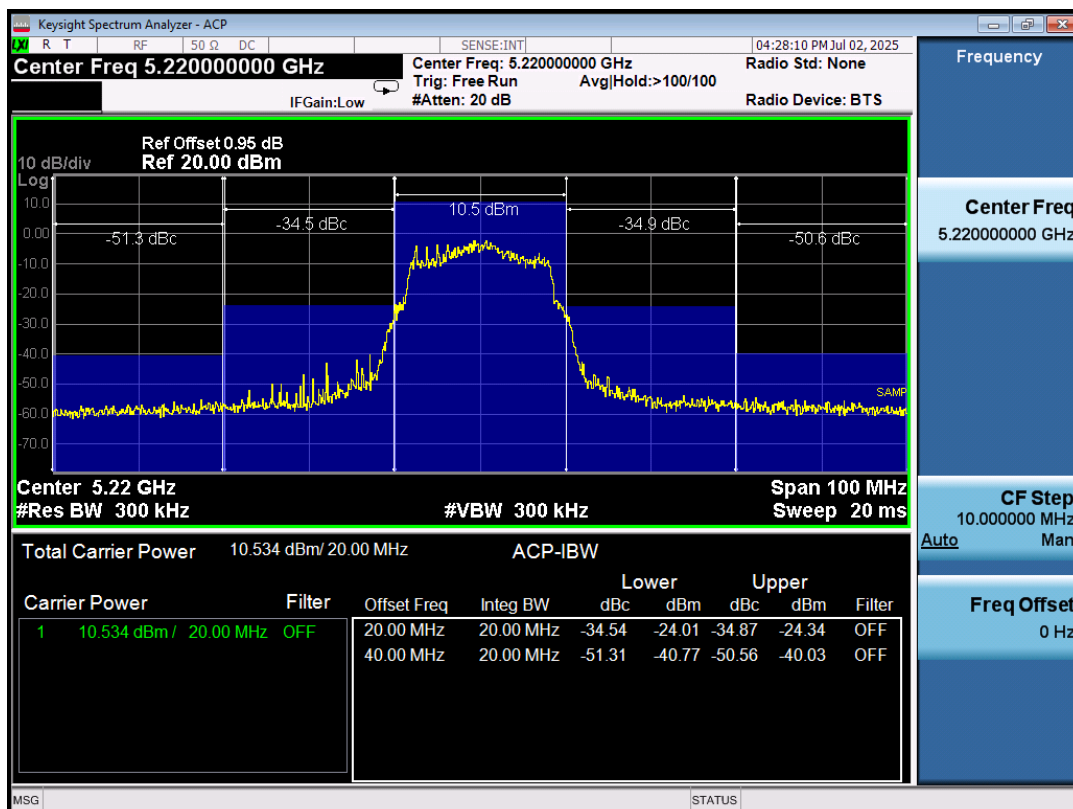
Chain A_Mode 1 : Transmit (802.11a) ; 5240MHz



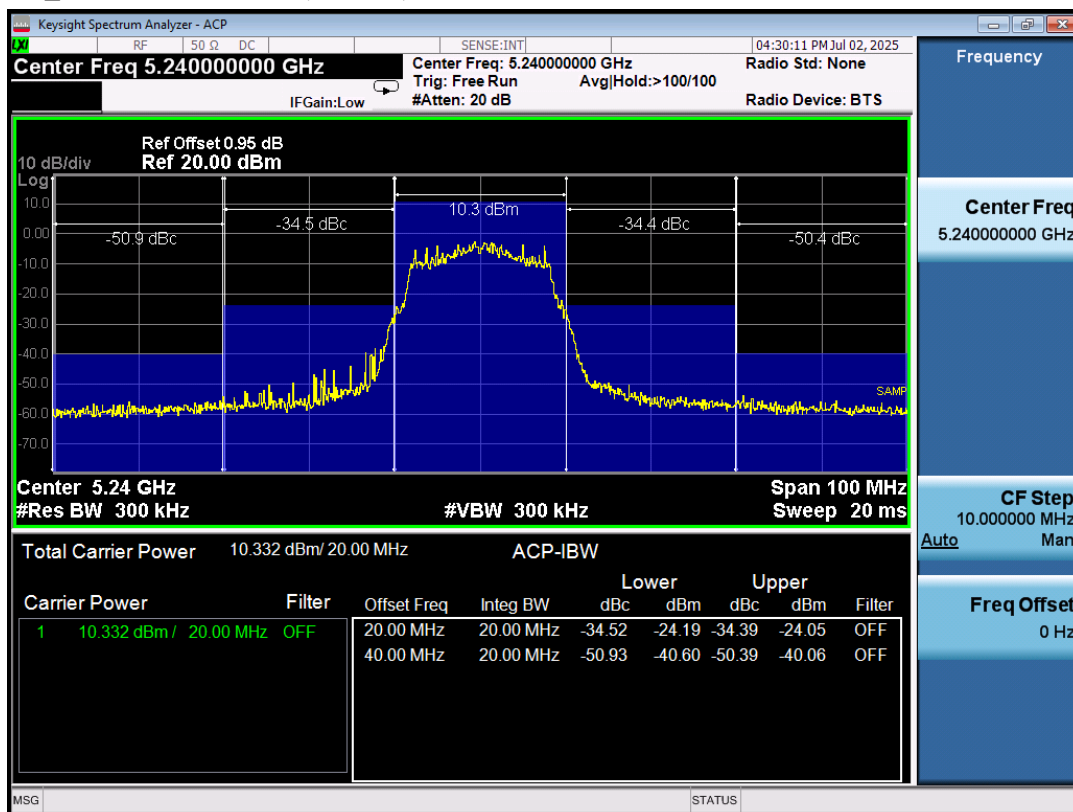
Chain B_Mode 1 : Transmit (802.11a) ; 5180MHz



Chain B_Mode 1 : Transmit (802.11a) ; 5220MHz



Chain B_Mode 1 : Transmit (802.11a) ; 5240MHz

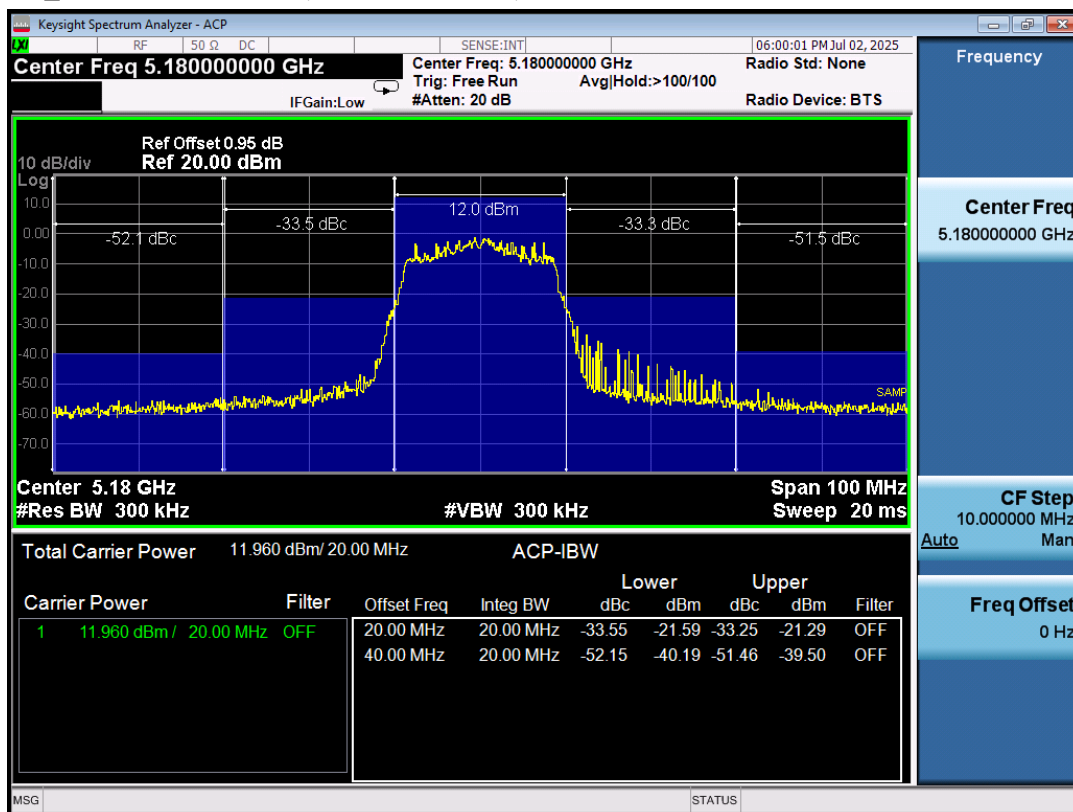


Product : Audio Device
Test Item : Adjacent Channel Leakage Power
Test Mode : Mode 2 : Transmit (802.11ac VHT20)
Test Voltage : 100V

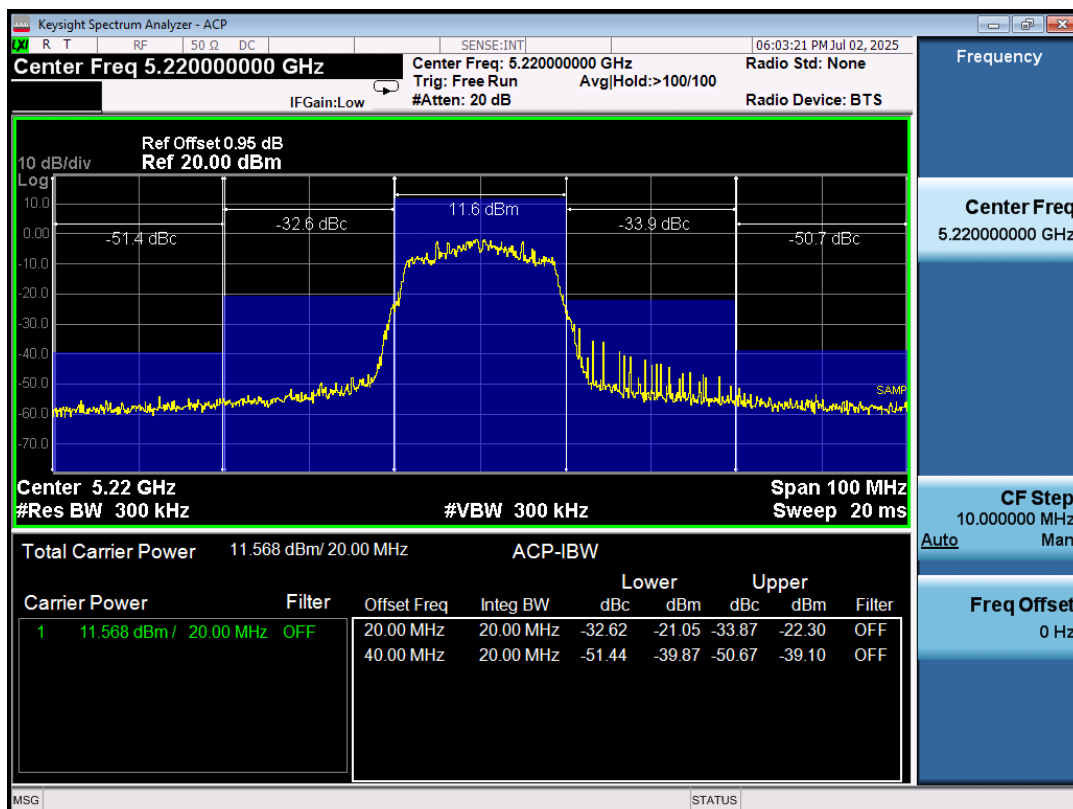
Freq. (MHz)	Measured Frequency Range	Reading Value (dBc)		Limit (dBc)	Result
		Chain A	Chain B		
5180	Fc - 40MHz	-52.15	-51.14	≤ -40	Pass
	Fc - 20MHz	-33.55	-33.49	≤ -25	Pass
	Fc + 20MHz	-33.25	-33.03	≤ -25	Pass
	Fc + 40MHz	-51.46	-50.56	≤ -40	Pass
5220	Fc - 40MHz	-51.44	-51.37	≤ -40	Pass
	Fc - 20MHz	-32.62	-34.38	≤ -25	Pass
	Fc + 20MHz	-33.87	-34.55	≤ -25	Pass
	Fc + 40MHz	-50.67	-50.72	≤ -40	Pass
5240	Fc - 40MHz	-51.83	-51.21	≤ -40	Pass
	Fc - 20MHz	-32.98	-33.27	≤ -25	Pass
	Fc + 20MHz	-32.93	-33.91	≤ -25	Pass
	Fc + 40MHz	-50.93	-50.42	≤ -40	Pass

Note: The spectrum plots are attached on the following pages.

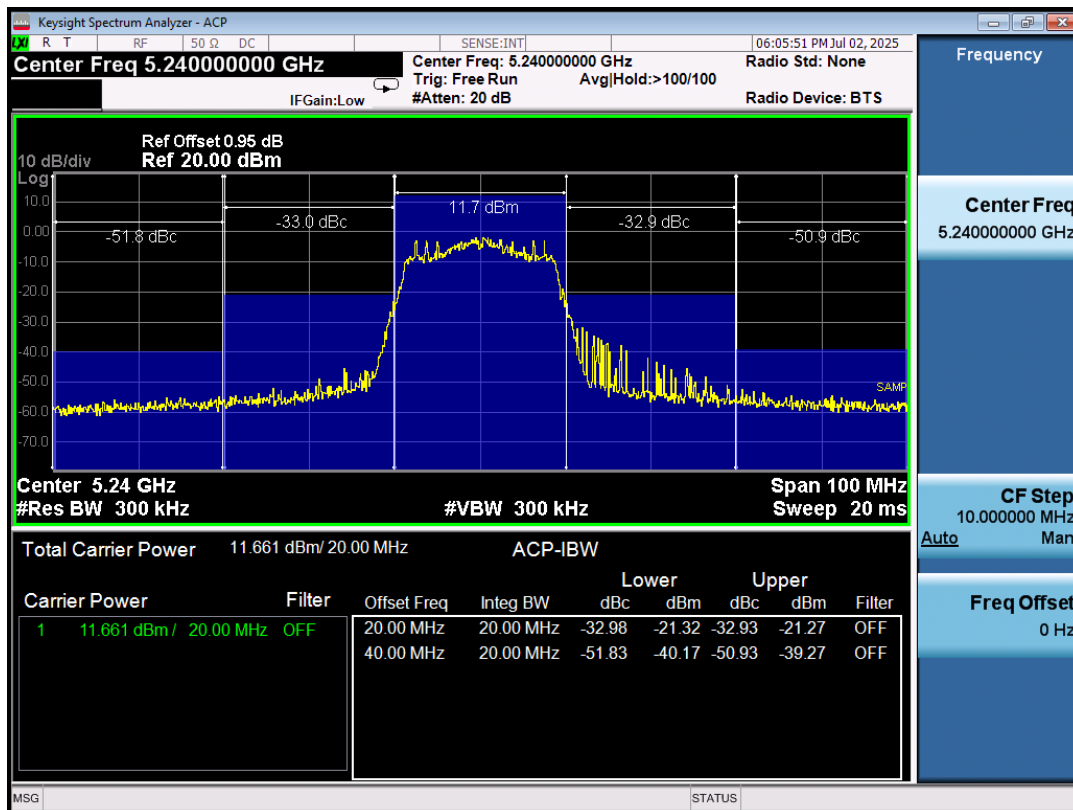
Chain A_Mode 2 : Transmit (802.11ac VHT20) ; 5180MHz



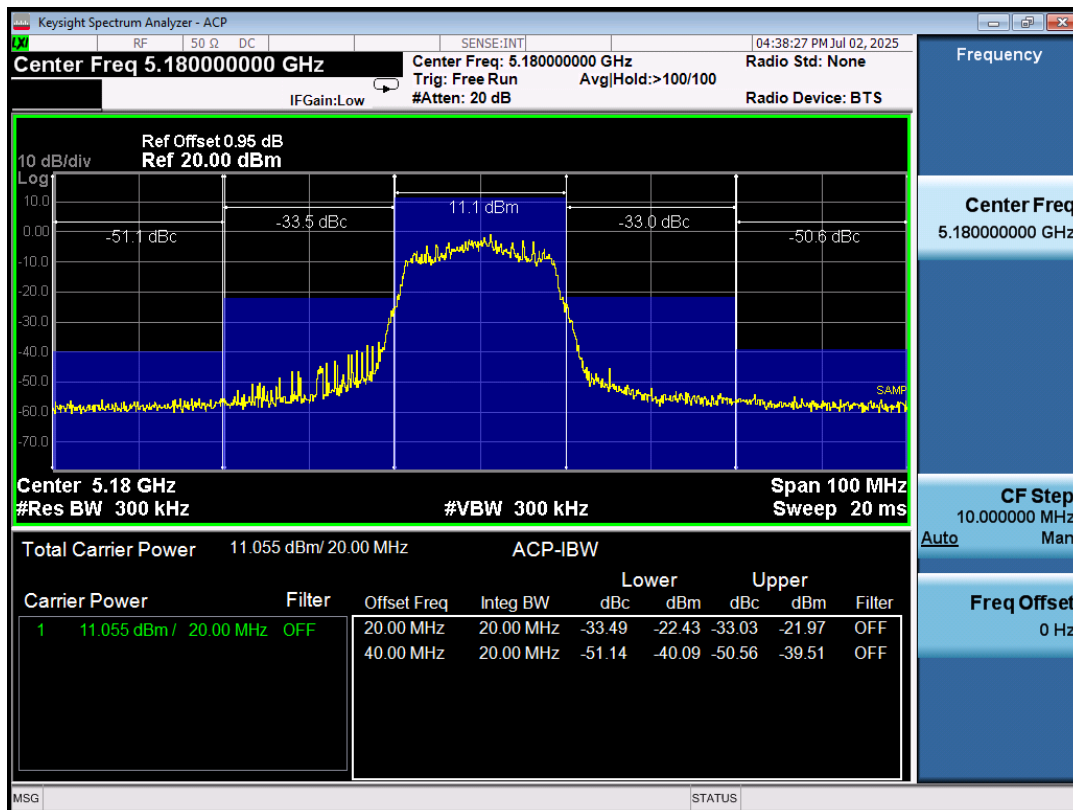
Chain A_Mode 2 : Transmit (802.11ac VHT20) ; 5220MHz



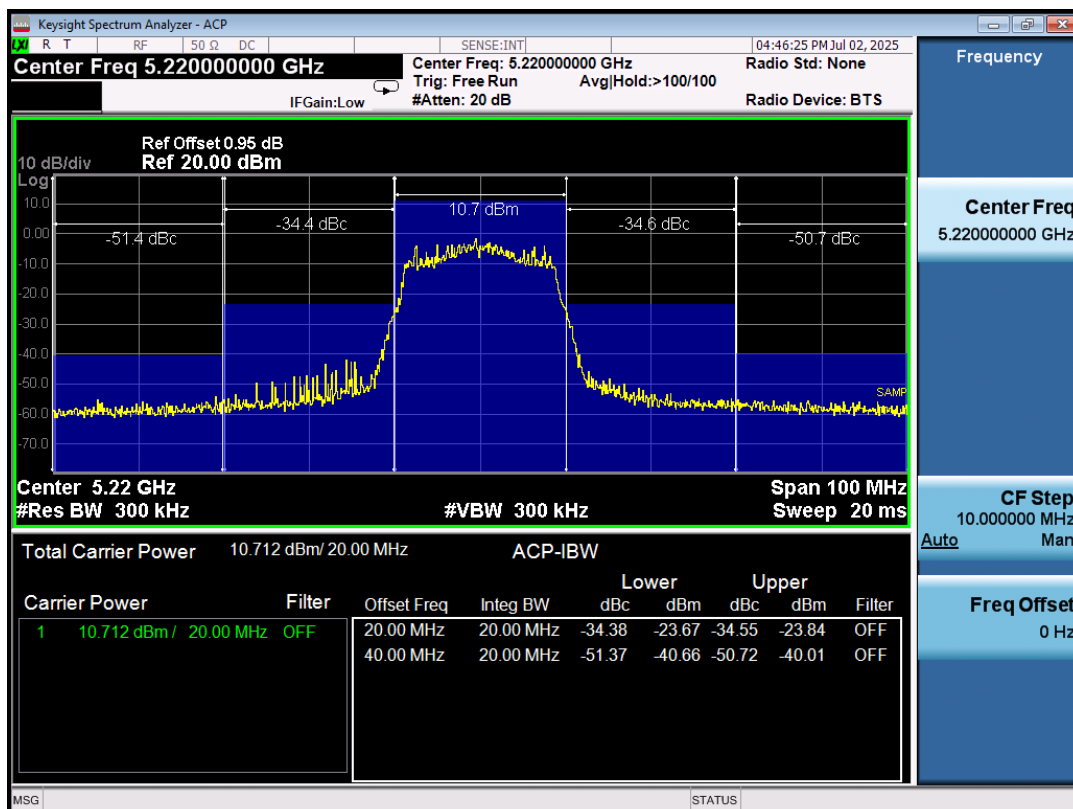
Chain A_Mode 2 : Transmit (802.11ac VHT20); 5240MHz



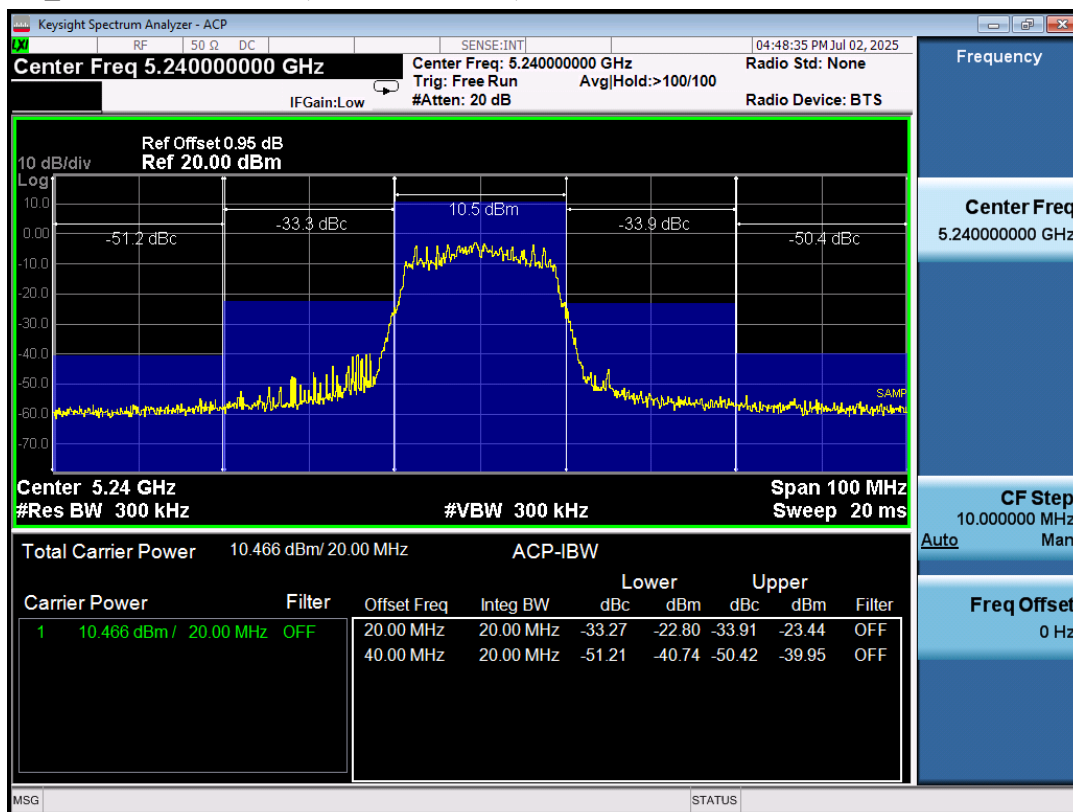
Chain B_Mode 2 : Transmit (802.11ac VHT20) ; 5180MHz



Chain B_Mode 2 : Transmit (802.11ac VHT20) ; 5220MHz



Chain B_Mode 2 : Transmit (802.11ac VHT20); 5240MHz

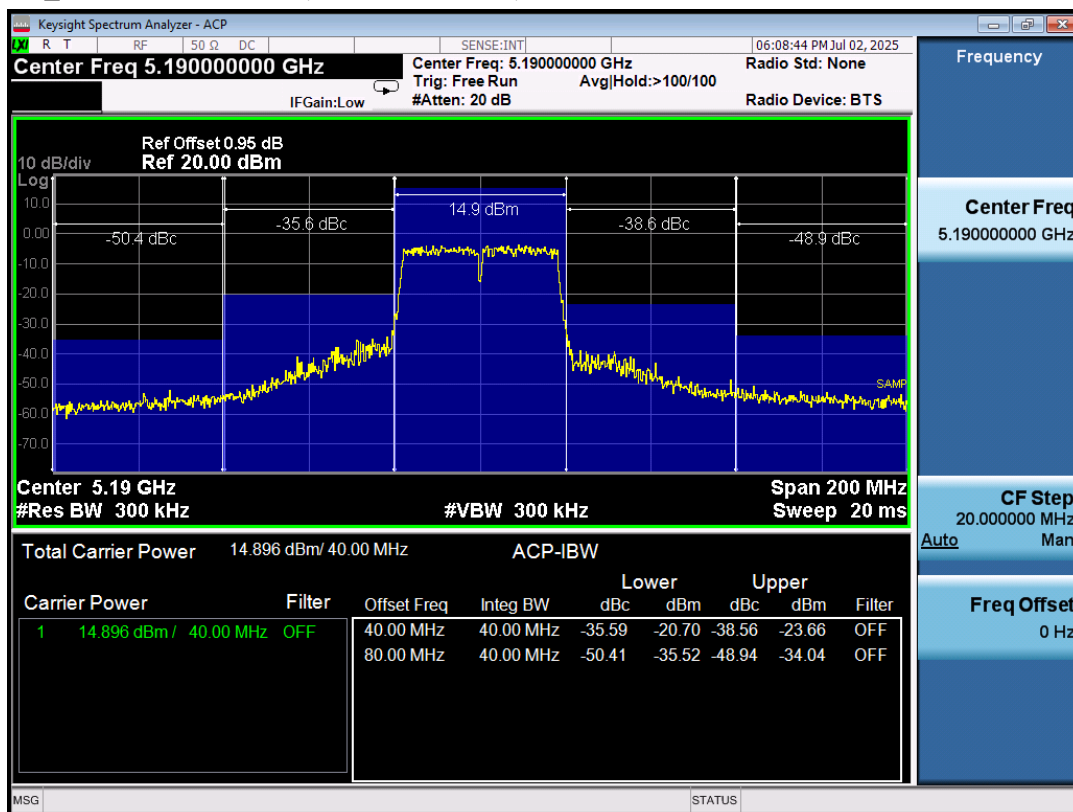


Product : Audio Device
Test Item : Adjacent Channel Leakage Power
Test Mode : Mode 3 : Transmit (802.11ac VHT40)
Test Voltage : 100V

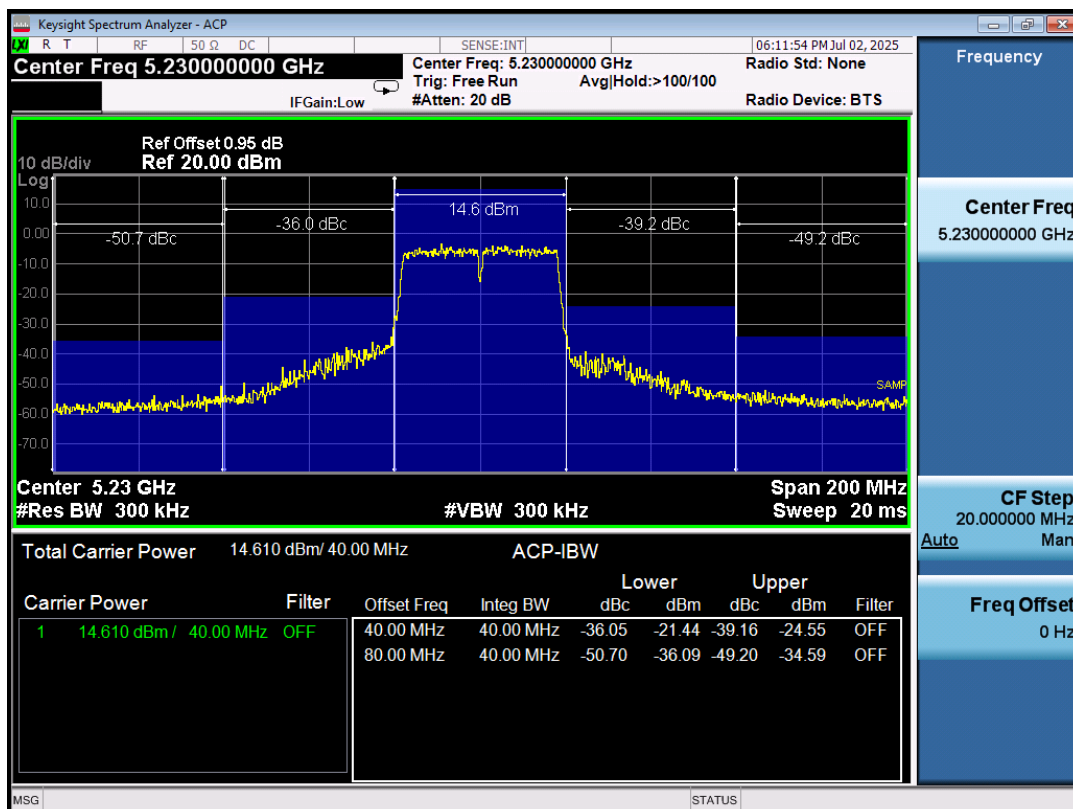
Freq. (MHz)	Measured Frequency Range	Reading Value (dBc)		Limit (dBc)	Result
		Chain A	Chain B		
5190	Fc - 80MHz	-50.41	-50.53	≤ -40	Pass
	Fc - 40MHz	-35.59	-35.02	≤ -25	Pass
	Fc + 40MHz	-38.56	-38.39	≤ -25	Pass
	Fc + 80MHz	-48.94	-49.20	≤ -40	Pass
5230	Fc - 80MHz	-50.70	-50.35	≤ -40	Pass
	Fc - 40MHz	-36.05	-35.31	≤ -25	Pass
	Fc + 40MHz	-39.16	-37.93	≤ -25	Pass
	Fc + 80MHz	-49.20	-48.81	≤ -40	Pass

Note: The spectrum plots are attached on the following pages.

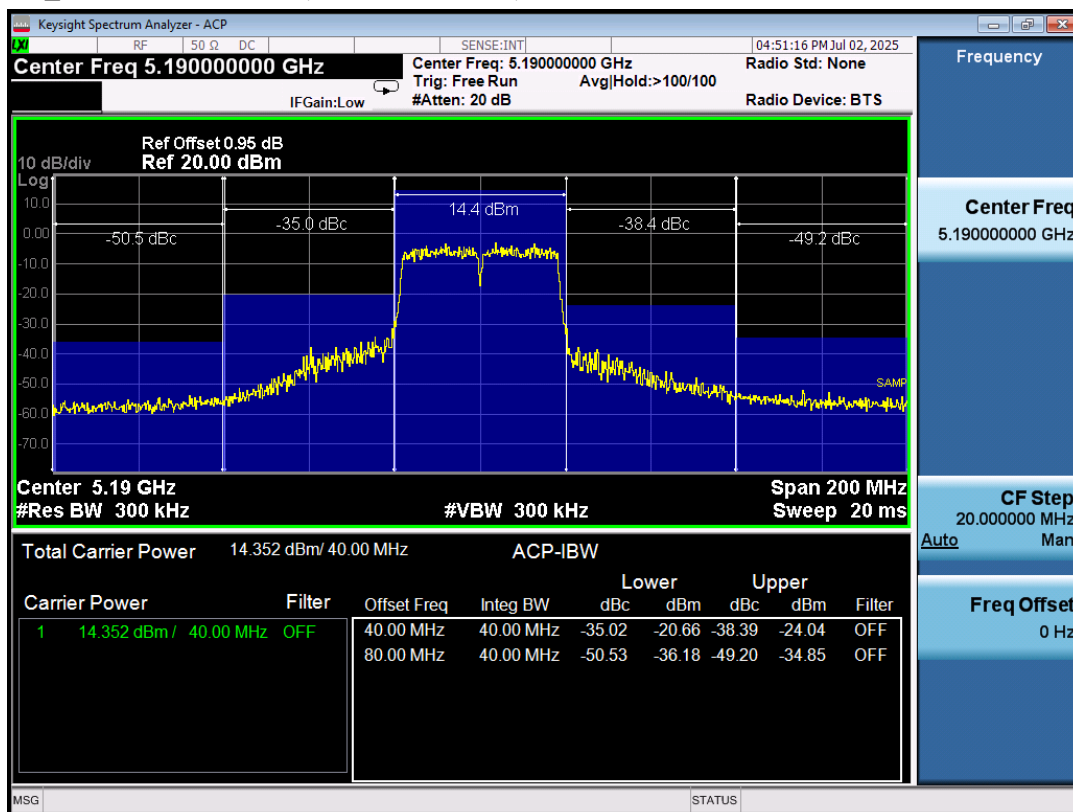
Chain A_Mode 3 : Transmit (802.11ac VHT40) ; 5190MHz



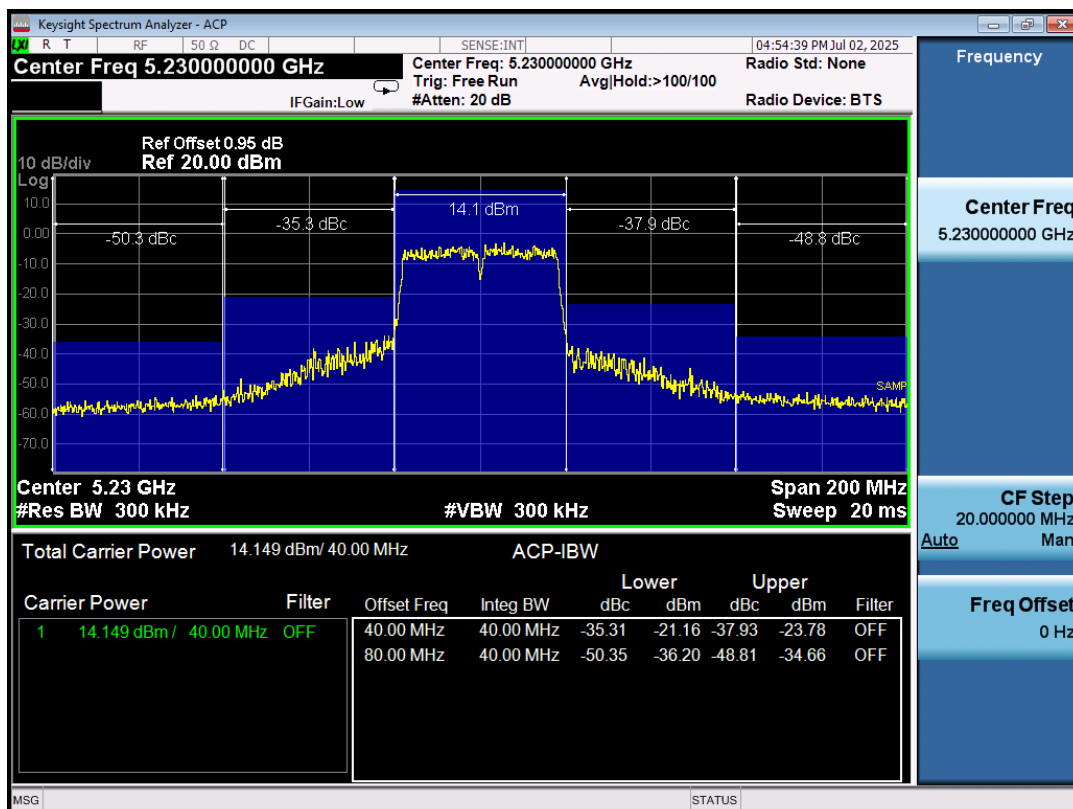
Chain A_Mode 3 : Transmit (802.11ac VHT40); 5230MHz



Chain B_Mode 3 : Transmit (802.11ac VHT40) ; 5190MHz



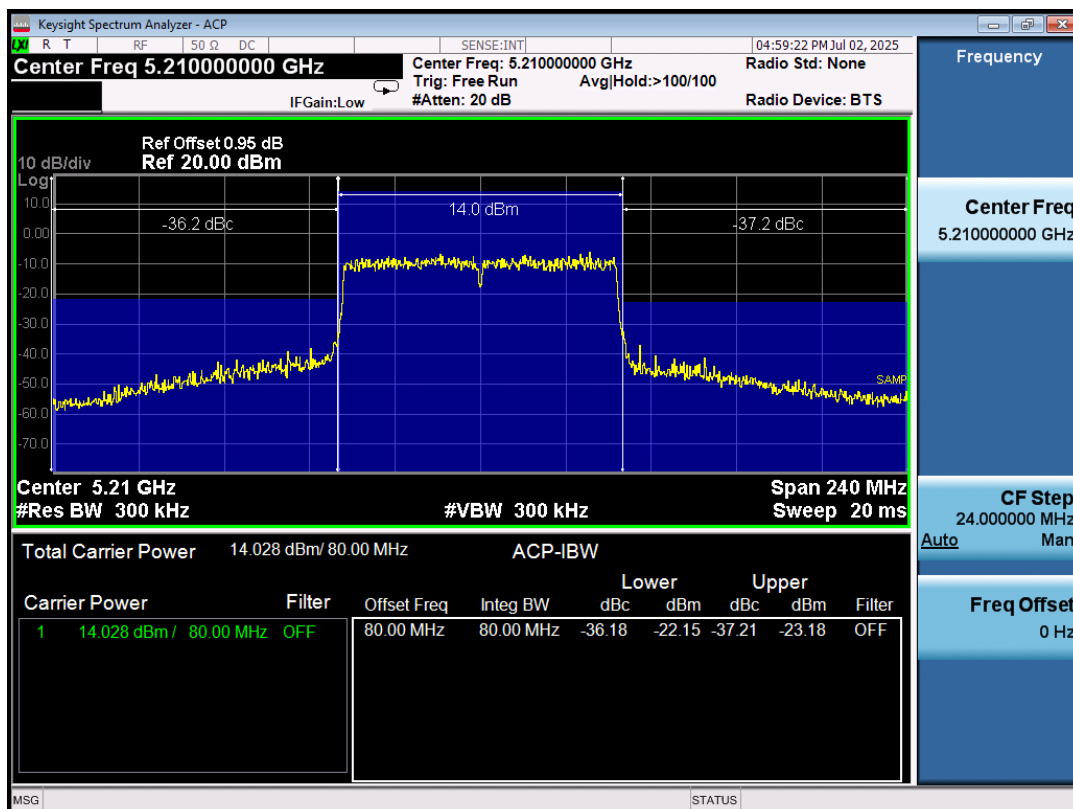
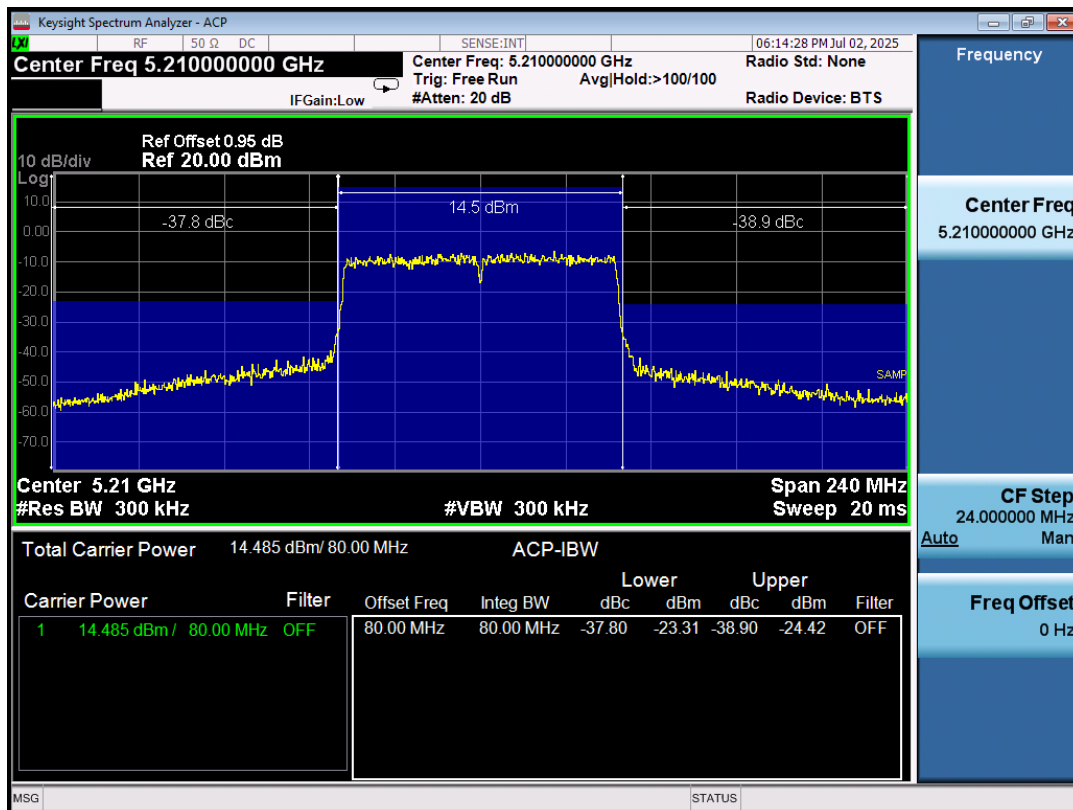
Chain B_Mode 3 : Transmit (802.11ac VHT40); 5230MHz



Product : Audio Device
Test Item : Adjacent Channel Leakage Power
Test Mode : Mode 4 : Transmit (802.11ac VHT80)
Test Voltage : 100V

Freq. (MHz)	Measured Frequency Range	Reading Value (dBc)		Limit (dBc)	Result
		Chain A	Chain B		
5210	Fc - 80MHz	-37.80	-36.18	≤ -25	Pass
	Fc + 80MHz	-38.90	-37.21	≤ -25	Pass

Note: The spectrum plots are attached on the following pages.

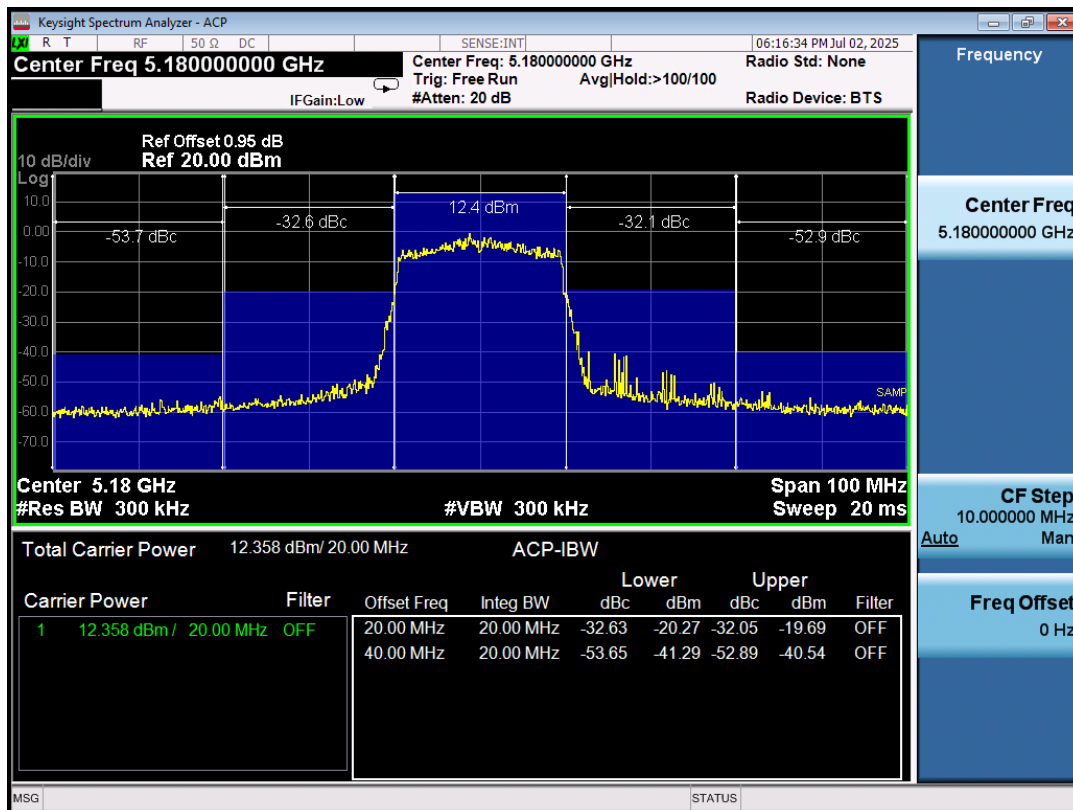


Product : Audio Device
Test Item : Adjacent Channel Leakage Power
Test Mode : Mode 5 : Transmit (802.11ax HE20)
Test Voltage : 100V

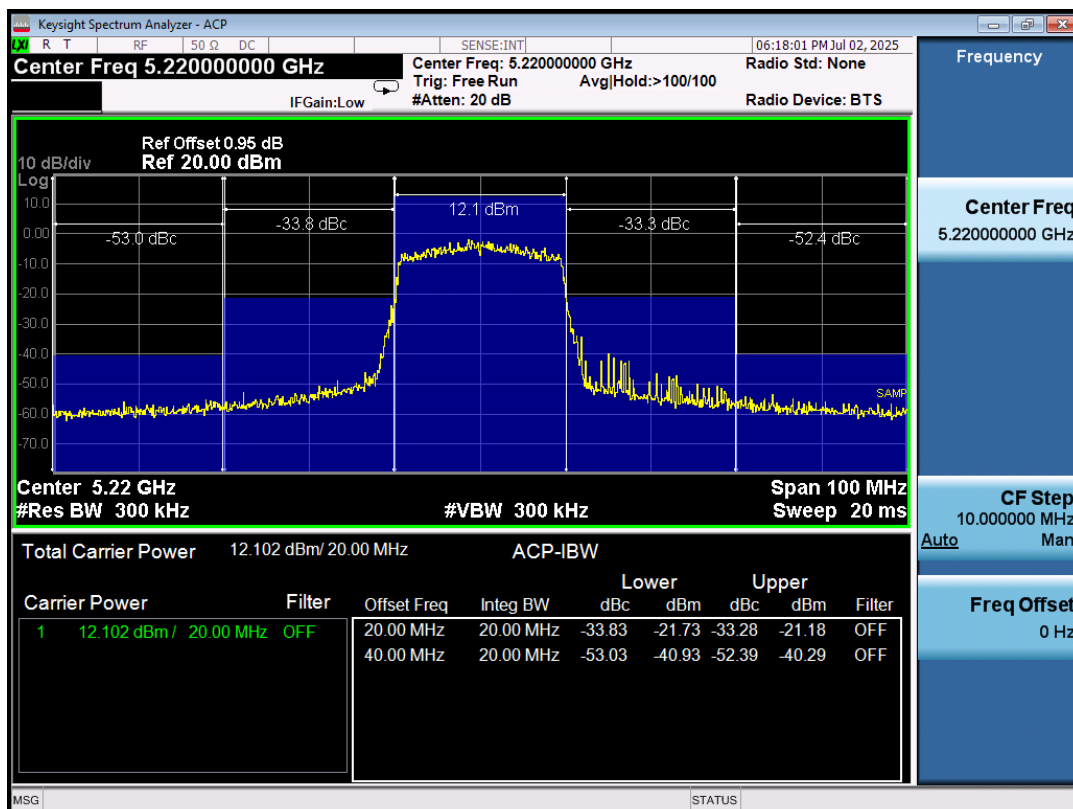
Freq. (MHz)	Measured Frequency Range	Reading Value (dBc)		Limit (dBc)	Result
		Chain A	Chain B		
5180	Fc - 40MHz	-53.65	-53.01	≤ -40	Pass
	Fc - 20MHz	-32.63	-32.56	≤ -25	Pass
	Fc + 20MHz	-32.05	-32.92	≤ -25	Pass
	Fc + 40MHz	-52.89	-52.83	≤ -40	Pass
5220	Fc - 40MHz	-53.03	-53.20	≤ -40	Pass
	Fc - 20MHz	-33.83	-31.73	≤ -25	Pass
	Fc + 20MHz	-33.28	-33.20	≤ -25	Pass
	Fc + 40MHz	-52.39	-52.56	≤ -40	Pass
5240	Fc - 40MHz	-53.23	-52.93	≤ -40	Pass
	Fc - 20MHz	-31.96	-32.64	≤ -25	Pass
	Fc + 20MHz	-32.56	-32.45	≤ -25	Pass
	Fc + 40MHz	-52.42	-52.23	≤ -40	Pass

Note: The spectrum plots are attached on the following pages.

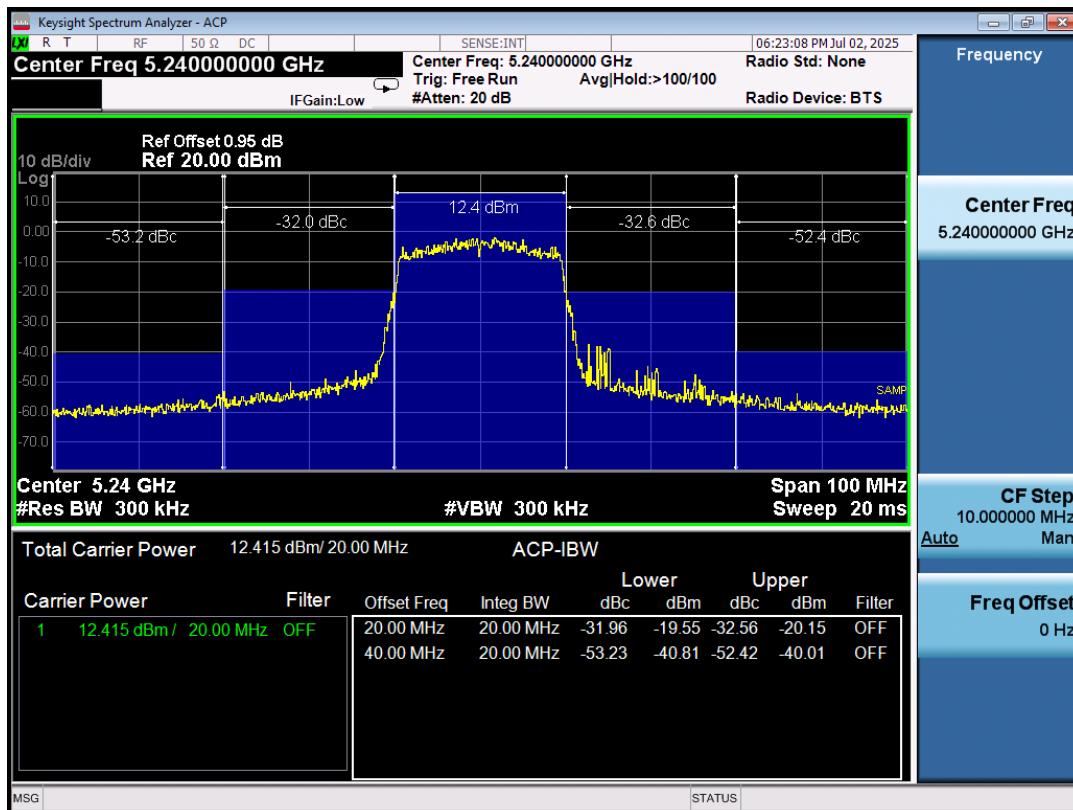
Chain A_Mode 5 : Transmit (802.11ax HE20) ; 5180MHz



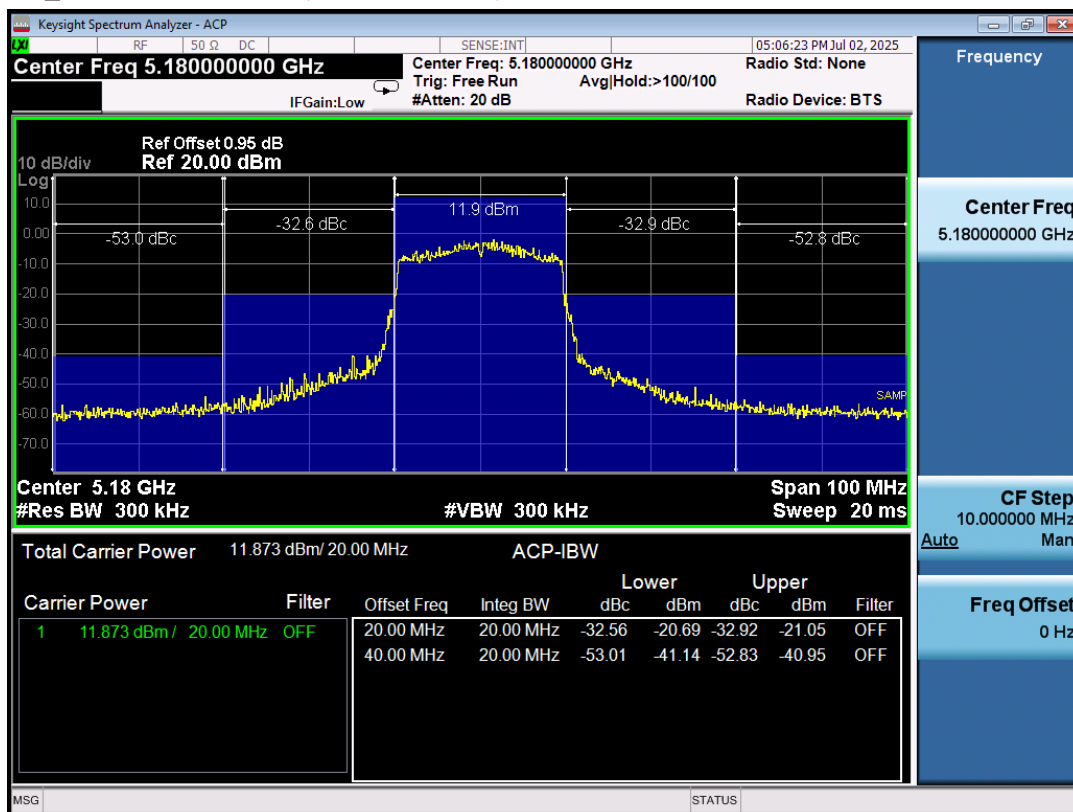
Chain A_Mode 5 : Transmit (802.11ax HE20) ; 5220MHz



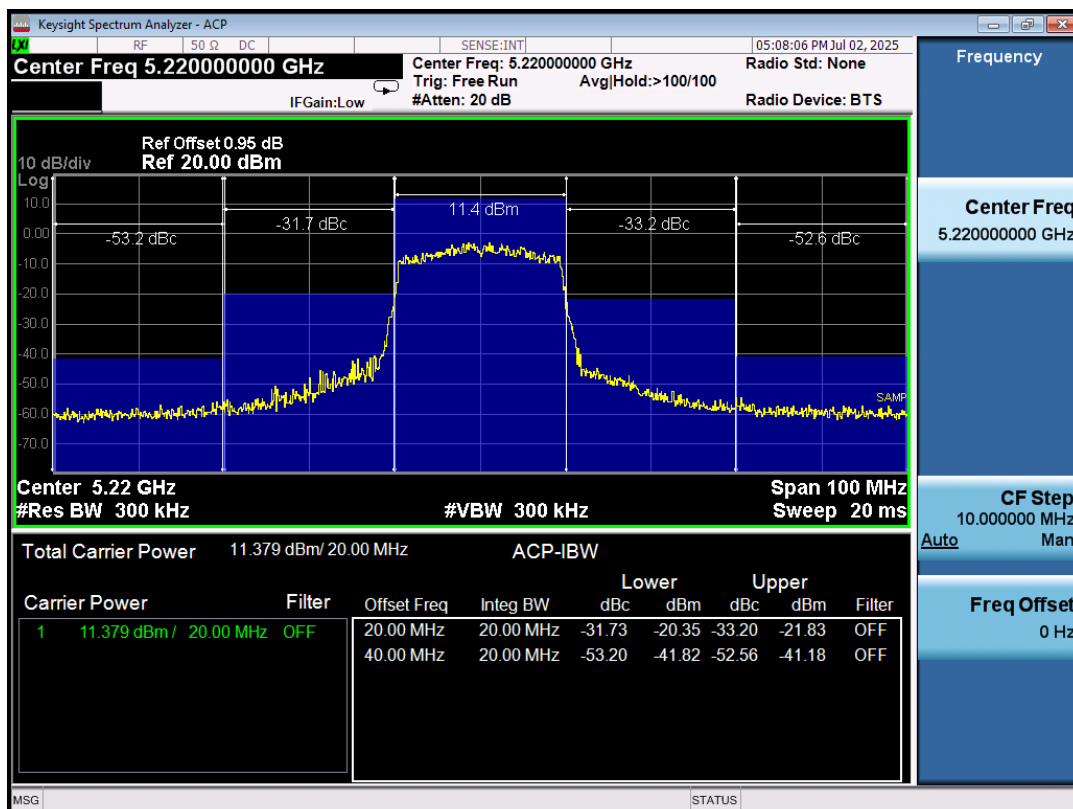
Chain A_Mode 5 : Transmit (802.11ax HE20) ; 5240MHz



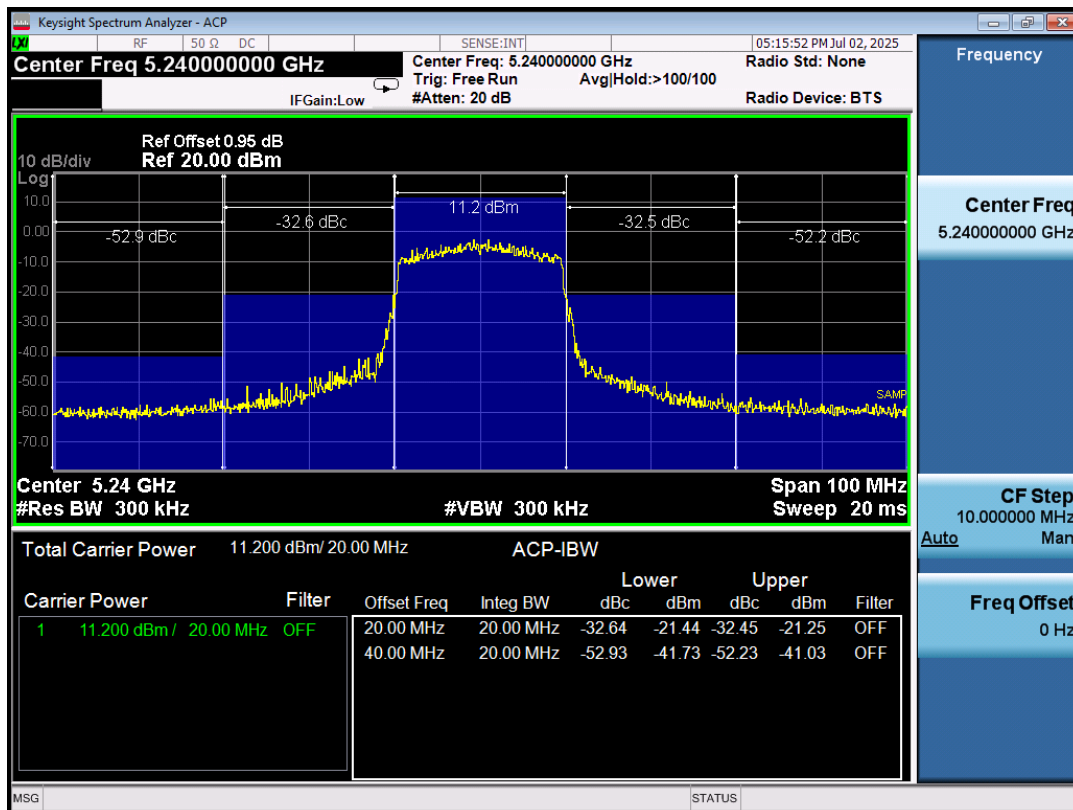
Chain B_Mode 5 : Transmit (802.11ax HE20) ; 5180MHz



Chain B_Mode 5 : Transmit (802.11ax HE20) ; 5220MHz



Chain B_Mode 5 : Transmit (802.11ax HE20) ; 5240MHz

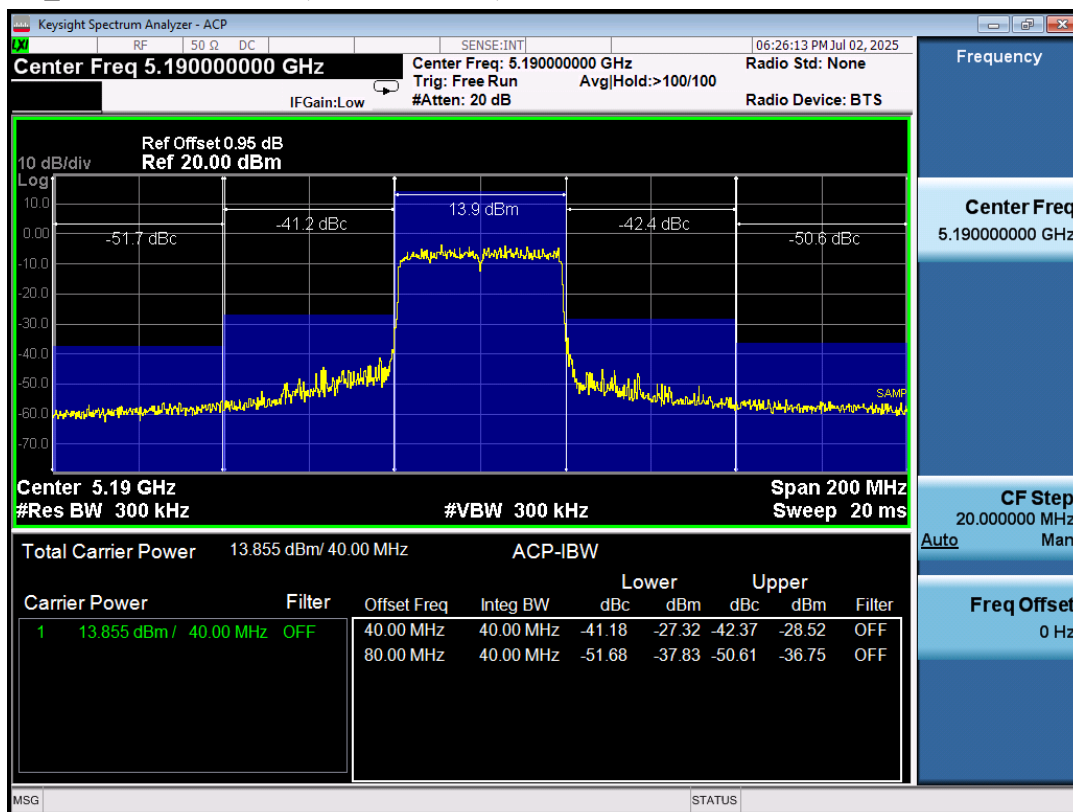


Product : Audio Device
Test Item : Adjacent Channel Leakage Power
Test Mode : Mode 6 : Transmit (802.11ax HE40)
Test Voltage : 100V

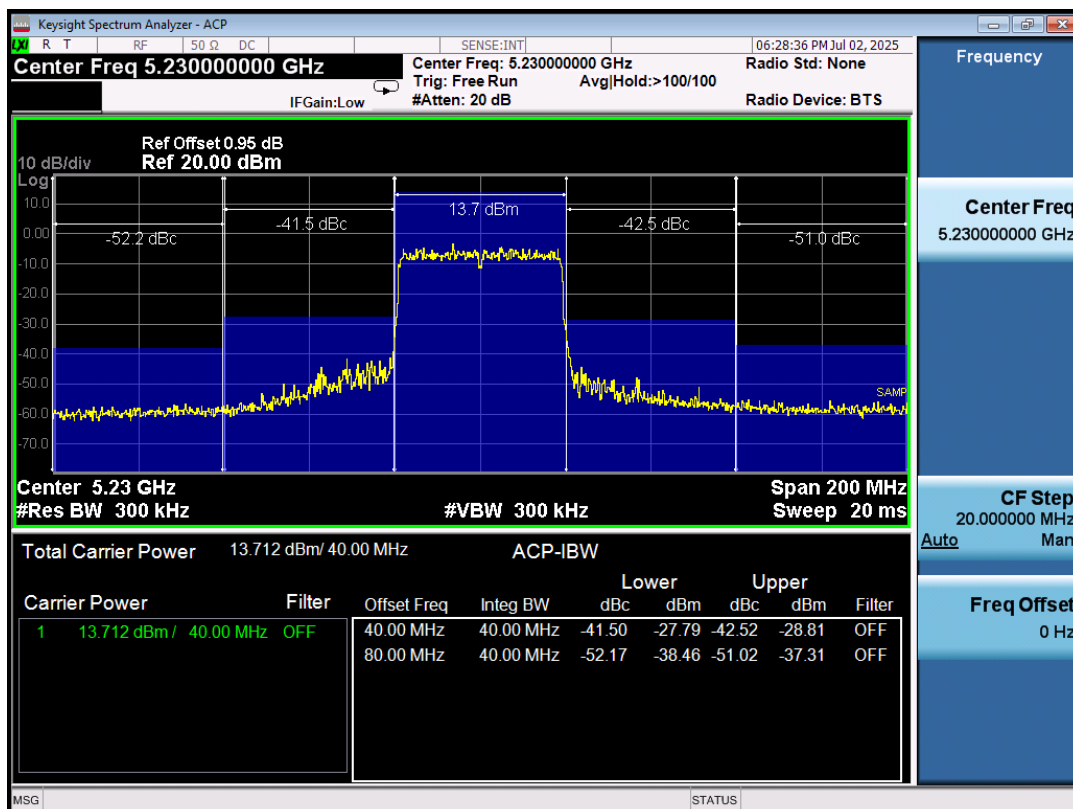
Freq. (MHz)	Measured Frequency Range	Reading Value (dBc)		Limit (dBc)	Result
		Chain A	Chain B		
5190	Fc - 80MHz	-51.68	-51.72	≤ -40	Pass
	Fc - 40MHz	-41.18	-38.71	≤ -25	Pass
	Fc + 40MHz	-42.37	-42.38	≤ -25	Pass
	Fc + 80MHz	-50.61	-50.58	≤ -40	Pass
5230	Fc - 80MHz	-52.17	-50.77	≤ -40	Pass
	Fc - 40MHz	-41.50	-36.22	≤ -25	Pass
	Fc + 40MHz	-42.52	-37.75	≤ -25	Pass
	Fc + 80MHz	-51.02	-49.71	≤ -40	Pass

Note: The spectrum plots are attached on the following pages.

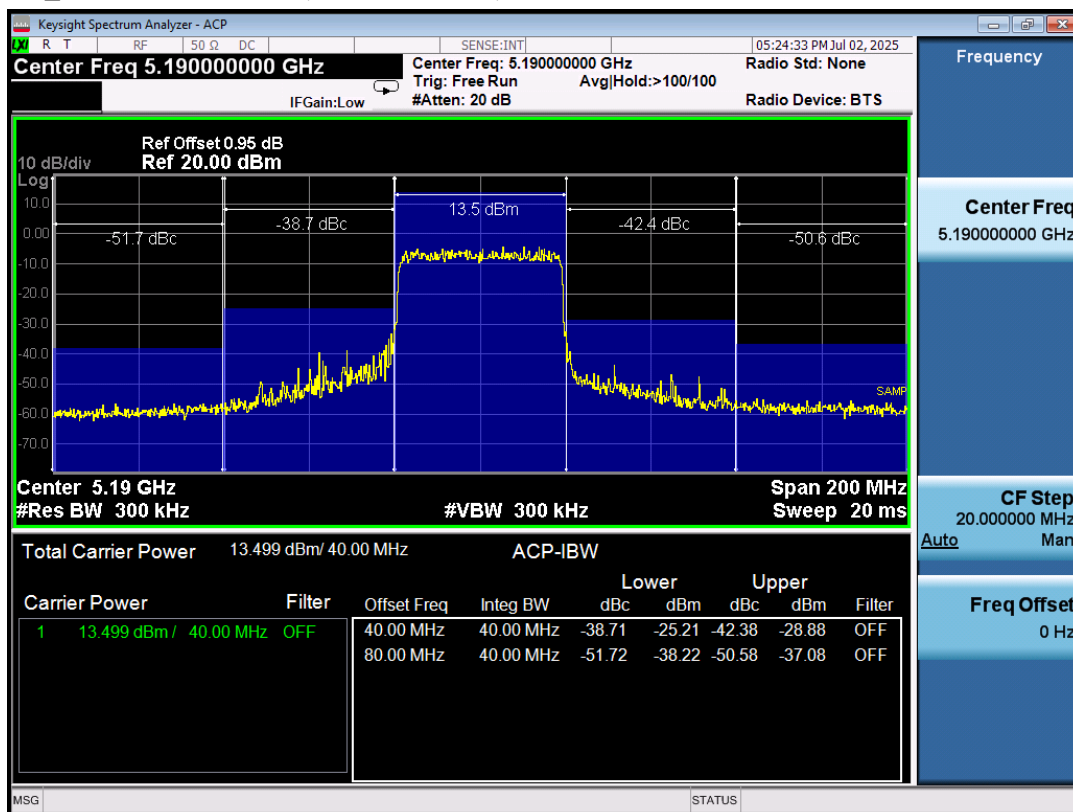
Chain A_Mode 6 : Transmit (802.11ax HE40) ; 5190MHz



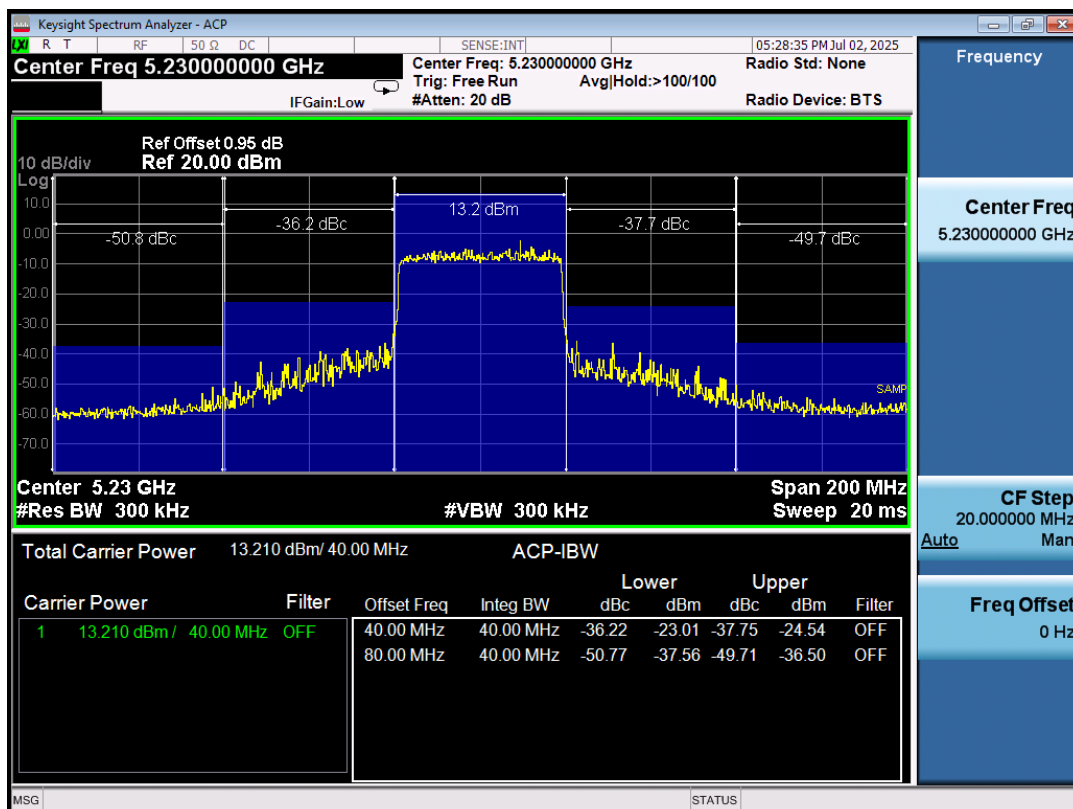
Chain A_Mode 6 : Transmit (802.11ax HE40) ; 5230MHz



Chain B_Mode 6 : Transmit (802.11ax HE40) ; 5190MHz



Chain B_Mode 6 : Transmit (802.11ax HE40) ; 5230MHz

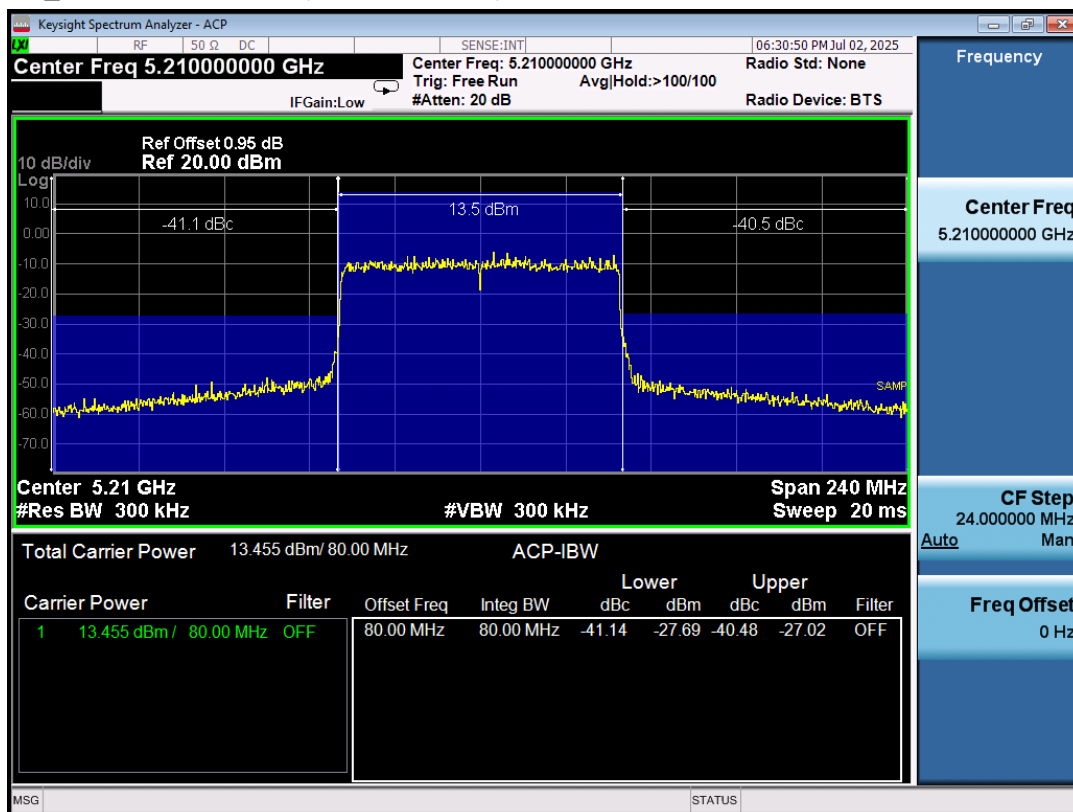


Product : Audio Device
Test Item : Adjacent Channel Leakage Power
Test Mode : Mode 7 : Transmit (802.11ax HE80)
Test Voltage : 100V

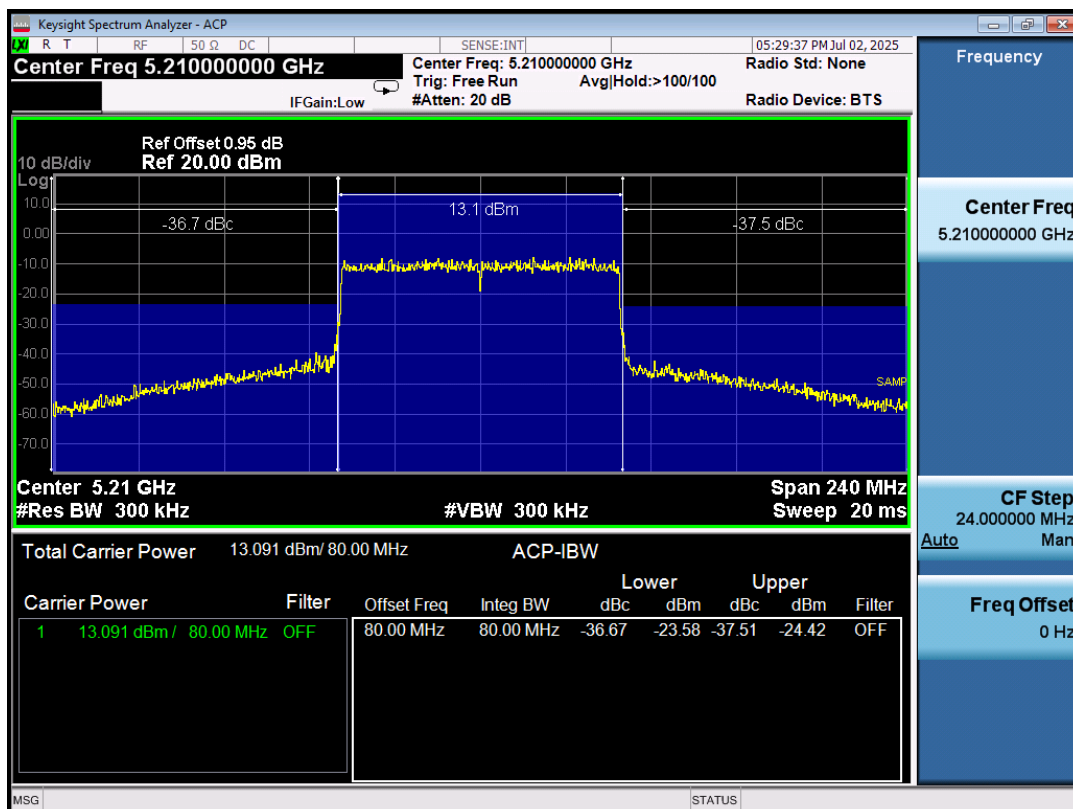
Freq. (MHz)	Measured Frequency Range	Reading Value (dBc)		Limit (dBc)	Result
		Chain A	Chain B		
5210	Fc - 80MHz	-41.14	-36.67	≤ -25	Pass
	Fc + 80MHz	-40.48	-37.51	≤ -25	Pass

Note: The spectrum plots are attached on the following pages.

Chain A_Mode 7 : Transmit (802.11ax HE80) ; 5210MHz



Chain B_Mode 7 : Transmit (802.11ax HE80) ; 5210MHz



2.6 Unwanted Emission Strength

2.6.1 Limit

Test Band	Occupied Bandwidth (MHz)	Frequency Range (MHz)	Limit
W52	≤ 18	≤ 5142 5142 ~ 5150 5250 ~ 5251 5251 ~ 5260 5260 ~ 5266.7 ≥ 5266.7	2.5 $\mu\text{W}/\text{MHz}$ 15 $\mu\text{W}/\text{MHz}$ $10^{1-(f-9)}\text{mW}/\text{MHz}$ $10^{-1-(8/90)(f-11)}\text{mW}/\text{MHz}$ $10^{-1.8-(6/50)(f-20)}\text{mW}/\text{MHz}$ 2.5 $\mu\text{W}/\text{MHz}$
	18 ~ 20	≤ 5142 5142 ~ 5150 5250 ~ 5250.2 5250.2 ~ 5251 5251 ~ 5260 5260 ~ 5266.7 ≥ 5266.7	2.5 $\mu\text{W}/\text{MHz}$ 15 $\mu\text{W}/\text{MHz}$ $10^{1-(8/3)(f-9.75)}\text{mW}/\text{MHz}$ $10^{1-(f-9)}\text{mW}/\text{MHz}$ $10^{-1-(8/90)(f-11)}\text{mW}/\text{MHz}$ $10^{-1.8-(6/50)(f-20)}\text{mW}/\text{MHz}$ 2.5 $\mu\text{W}/\text{MHz}$
W53	≤ 18	≤ 5233.3 5233.3 ~ 5240 5240 ~ 5249 5249 ~ 5250 ≥ 5350	2.5 $\mu\text{W}/\text{MHz}$ $10^{-1.8-(6/50)(f-20)}\text{mW}/\text{MHz}$ $10^{-1-(8/90)(f-11)}\text{mW}/\text{MHz}$ $10^{1-(f-9)}\text{mW}/\text{MHz}$ 2.5 $\mu\text{W}/\text{MHz}$
	18 ~ 20	≤ 5233.3 5233.3 ~ 5240 5240 ~ 5249 5249 ~ 5249.8 5249.8 ~ 5250 ≥ 5350	2.5 $\mu\text{W}/\text{MHz}$ $10^{-1.8-(6/50)(f-20)}\text{mW}/\text{MHz}$ $10^{-1-(8/90)(f-11)}\text{mW}/\text{MHz}$ $10^{1-(f-9)}\text{mW}/\text{MHz}$ $10^{1-(8/3)(f-9.75)}\text{mW}/\text{MHz}$ 2.5 $\mu\text{W}/\text{MHz}$
W56	20 (DSSS, etc.)	≤ 5470 ≥ 5730	12.5 $\mu\text{W}/\text{MHz}$ 12.5 $\mu\text{W}/\text{MHz}$
	20 (OFDM)	≤ 5460 5460 ~ 5470 5745 ~ 5765 ≥ 5765	2.5 $\mu\text{W}/\text{MHz}$ 12.5 $\mu\text{W}/\text{MHz}$ 12.5 $\mu\text{W}/\text{MHz}$ 2.5 $\mu\text{W}/\text{MHz}$

Test Band	Occupied Bandwidth (MHz)	Frequency Range (MHz)	Limit
W52	40	≤ 5141.6 5141.6 ~ 5150 5250 ~ 5251 5251 ~ 5270 5270 ~ 5278.4 ≥ 5278.4	2.5 $\mu\text{W}/\text{MHz}$ 15 $\mu\text{W}/\text{MHz}$ $10^{-(f-20)+\log(1/2)} \text{mW}/\text{MHz}$ $10^{-(8/190)(f-21)-1+\log(1/2)} \text{mW}/\text{MHz}$ $10^{-(3/50)(f-40)-1.8+\log(1/2)} \text{mW}/\text{MHz}$
W53		≤ 5221.6 5221.6 ~ 5230 5230 ~ 5249 5249 ~ 5250 5350 ~ 5358.4 ≥ 5358.4	2.5 $\mu\text{W}/\text{MHz}$ $10^{-(3/50)(f-40)-1.8+\log(1/2)} \text{mW}/\text{MHz}$ $10^{-(8/190)(f-21)-1+\log(1/2)} \text{mW}/\text{MHz}$ $10^{-(f-20)+\log(1/2)} \text{mW}/\text{MHz}$ 15 $\mu\text{W}/\text{MHz}$ 2.5 $\mu\text{W}/\text{MHz}$
W56		≤ 5460 5460 ~ 5470 ≥ 5770	12.5 $\mu\text{W}/\text{MHz}$ 50 $\mu\text{W}/\text{MHz}$ 12.5 $\mu\text{W}/\text{MHz}$
W52	80	≤ 5123.2 5123.2 ~ 5150 5250 ~ 5251 5251 ~ 5290 5290 ~ 5296.7 ≥ 5296.7	2.5 $\mu\text{W}/\text{MHz}$ 15 $\mu\text{W}/\text{MHz}$ $10^{-(f-40)+\log(1/4)} \text{mW}/\text{MHz}$ $10^{-(8/390)(f-41)-1+\log(1/4)} \text{mW}/\text{MHz}$ $10^{-(3/100)(f-80)-1.8+\log(1/4)} \text{mW}/\text{MHz}$
W53		≤ 5203.3 5203.3 ~ 5210 5210 ~ 5249 5249 ~ 5250 5350 ~ 5376.8 ≥ 5376.8	2.5 $\mu\text{W}/\text{MHz}$ $10^{-(3/100)(f-80)-1.8+\log(1/4)} \text{mW}/\text{MHz}$ $10^{-(8/390)(f-41)-1+\log(1/4)} \text{mW}/\text{MHz}$ $10^{-(f-40)+\log(1/4)} \text{mW}/\text{MHz}$ 15 $\mu\text{W}/\text{MHz}$ 2.5 $\mu\text{W}/\text{MHz}$
W56		≤ 5460 5460 ~ 5469.5 5469.5 ~ 5470 ≥ 5770	12.5 $\mu\text{W}/\text{MHz}$ 50 $\mu\text{W}/\text{MHz}$ 51.2 $\mu\text{W}/\text{MHz}$ 12.5 $\mu\text{W}/\text{MHz}$
W52 + W53	160	≤ 5099.6 5099.6 ~ 5150 5350 ~ 5400.4 ≥ 5400.4	2.5 $\mu\text{W}/\text{MHz}$ 15 $\mu\text{W}/\text{MHz}$ 15 $\mu\text{W}/\text{MHz}$ 2.5 $\mu\text{W}/\text{MHz}$
W56		≤ 5419.6 5419.6 ~ 5470 ≥ 5725	12.5 $\mu\text{W}/\text{MHz}$ 50 $\mu\text{W}/\text{MHz}$ 12.5 $\mu\text{W}/\text{MHz}$

2.6.2 Test Setup



2.6.3 Test Procedure

A spectrum analyzer or similar device shall be used to observe a sample of the modulated transmitter's radio frequency power output.

- (a) A positive peak detector function must be used.
- (b) The measurement instrument bandwidth and span must be set sufficiently with, and, the scan time set sufficiently slow, to ensure all major modulation products are captured. Note that the measurement bandwidth should also be set sufficiently narrow to avoid adding significant error to the test result.
- (c) 'Maximum Hold' mode may be used to accumulate the measurement result over several scans provided the emission is repetitive in nature.

2.6.4 Test Result

Product : Audio Device
Test Item : Unwanted Emission Strength
Test Mode : Mode 1 : Transmit (802.11a)
Test Voltage : 100V

Freq. (MHz)	Test Freq. (MHz)	Chain A		Chain B		Total (μW/MHz)	Limit (μW/MHz)	Result
		dBm/MHz	μW/MHz	dBm/MHz	μW/MHz			
5180	30 ~ 5142	-48.92	0.0128	-49.19	0.0121	0.0249	≤ 2.50	Pass
	5142 ~ 5250	-48.35	0.0146	-44.20	0.0380	0.0526	≤ 15.00	Pass
	5250 ~ 5251	-48.24	0.0150	-49.03	0.0125	0.0275	≤ 138.36	Pass
	5251 ~ 5260	-49.06	0.0124	-48.79	0.0132	0.0256	≤ 39.96	Pass
	5260 ~ 5266.7	-49.14	0.0122	-48.36	0.0146	0.0268	≤ 14.99	Pass
	5266.7 ~ 26000	-50.47	0.0090	-50.42	0.0091	0.0181	≤ 2.50	Pass
5220	30 ~ 5142	-52.87	0.0052	-51.85	0.0065	0.0117	≤ 2.50	Pass
	5142 ~ 5250	-51.58	0.0070	-50.55	0.0088	0.0158	≤ 15.00	Pass
	5250 ~ 5251	-40.38	0.0916	-47.37	0.0183	0.1099	≤ 841.40	Pass
	5251 ~ 5260	-42.04	0.0625	-49.46	0.0113	0.0738	≤ 76.28	Pass
	5260 ~ 5266.7	-46.30	0.0234	-49.86	0.0103	0.0338	≤ 9.92	Pass
	5266.7 ~ 26000	-48.66	0.0136	-49.65	0.0108	0.0245	≤ 2.50	Pass
5240	30 ~ 5142	-53.85	0.0041	-53.58	0.0044	0.0085	≤ 2.50	Pass
	5142 ~ 5250	-53.28	0.0047	-52.39	0.0058	0.0105	≤ 15.00	Pass
	5250 ~ 5251	-11.46	71.4496	-13.28	46.9894	118.4390	≤ 737.90	Pass
	5251 ~ 5260	-20.95	8.0353	-23.96	4.0179	12.0532	≤ 93.76	Pass
	5260 ~ 5266.7	-33.63	0.4335	-45.69	0.0270	0.4605	≤ 14.58	Pass
	5266.7 ~ 26000	-42.21	0.0601	-47.74	0.0168	0.0769	≤ 2.50	Pass

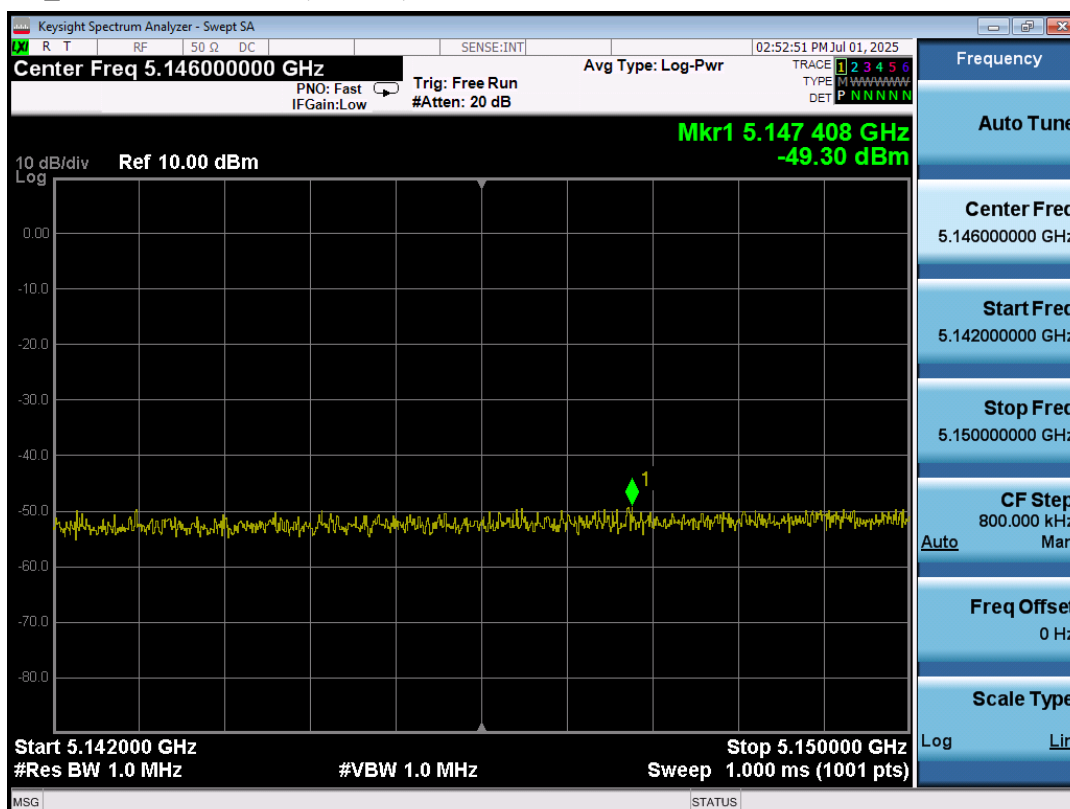
Note:

- (1) The frequency(30~1000MHz) test unit is μW/100kHz : $\mu\text{W}/\text{MHz} = \text{Measured Value}(\mu\text{W}/100\text{kHz}) * 10$
- (2) Actual value = Reading value + cable loss
- (3) The spectrum plots are attached on the following pages.

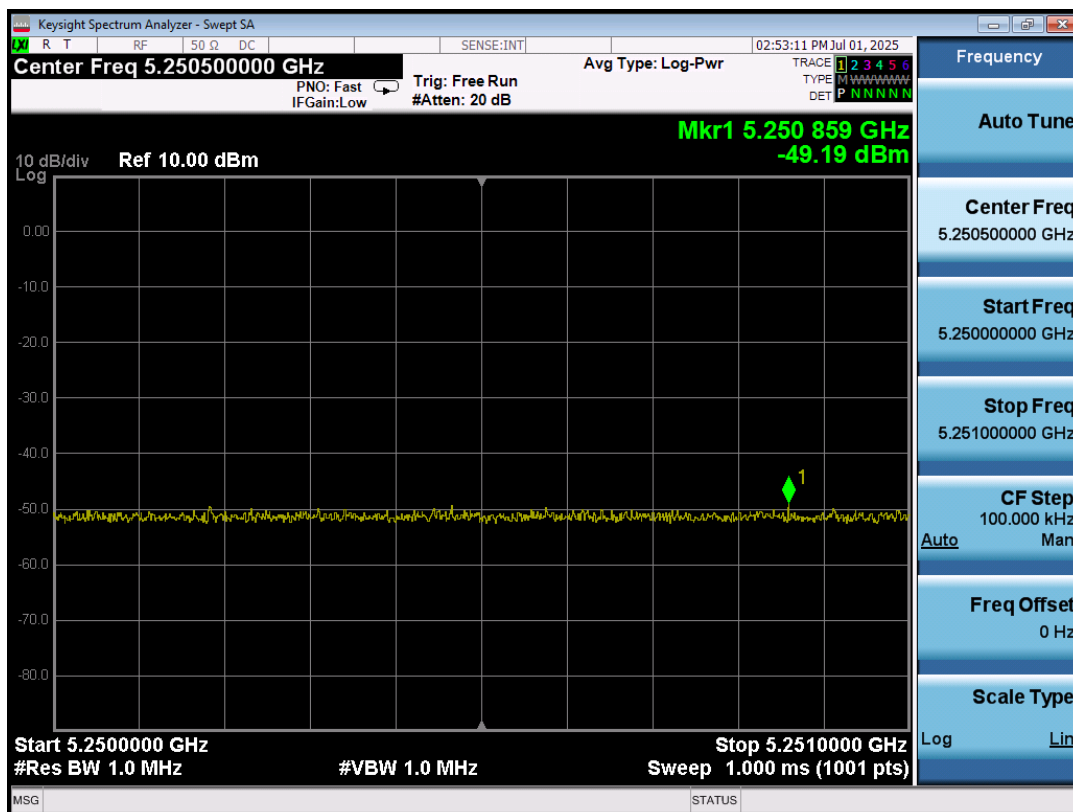
Chain A_Mode 1 : Transmit (802.11a) ; 5180MHz : 30 ~ 5142MHz



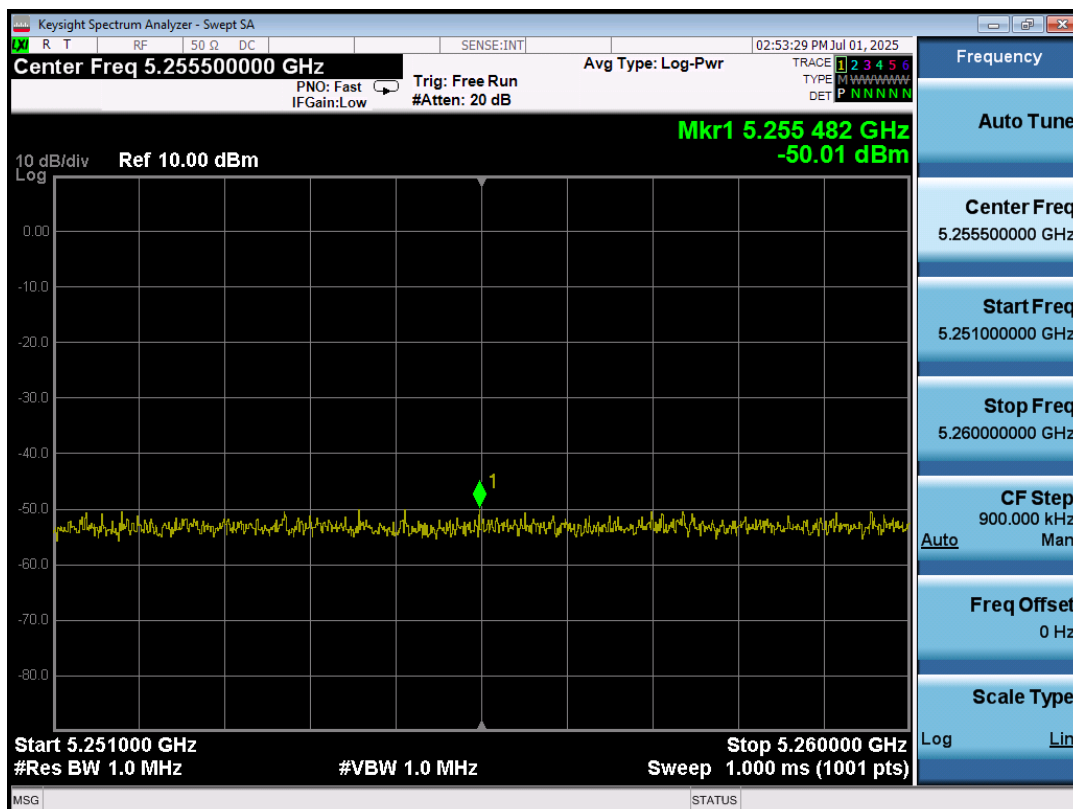
Chain A_Mode 1 : Transmit (802.11a) ; 5180MHz : 5142 ~ 5250 MHz



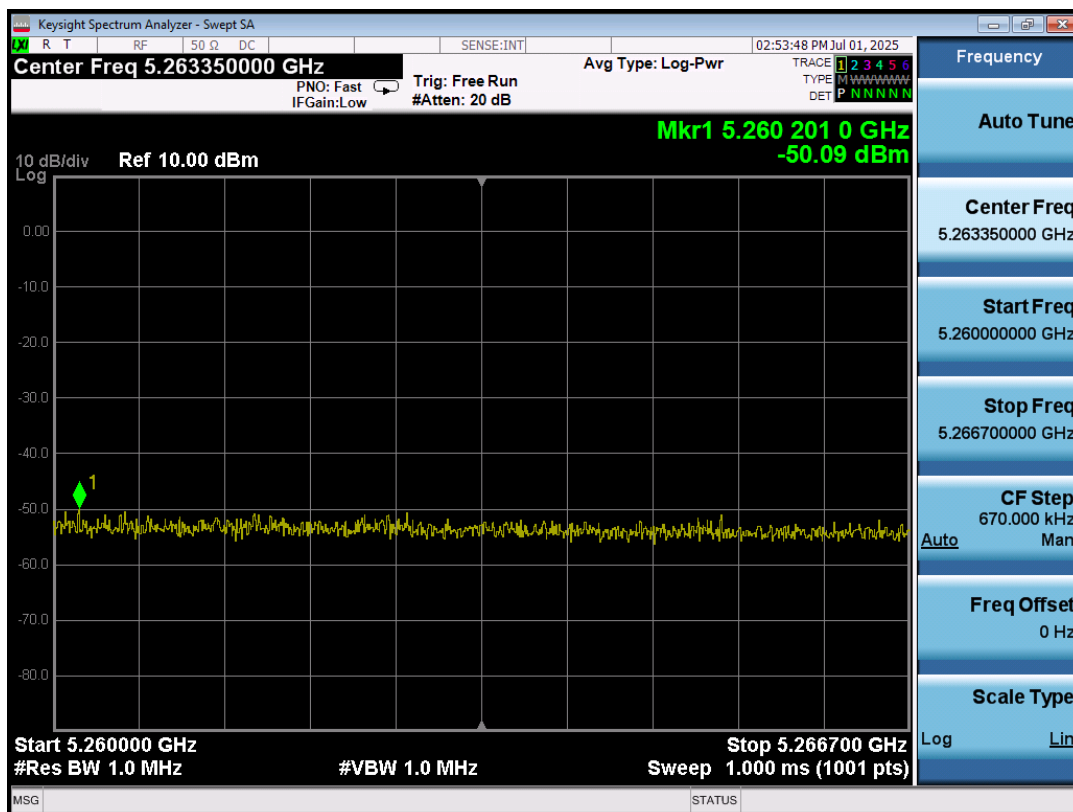
Chain A_Mode 1 : Transmit (802.11a) ; 5180MHz : 5250 ~ 5251 MHz



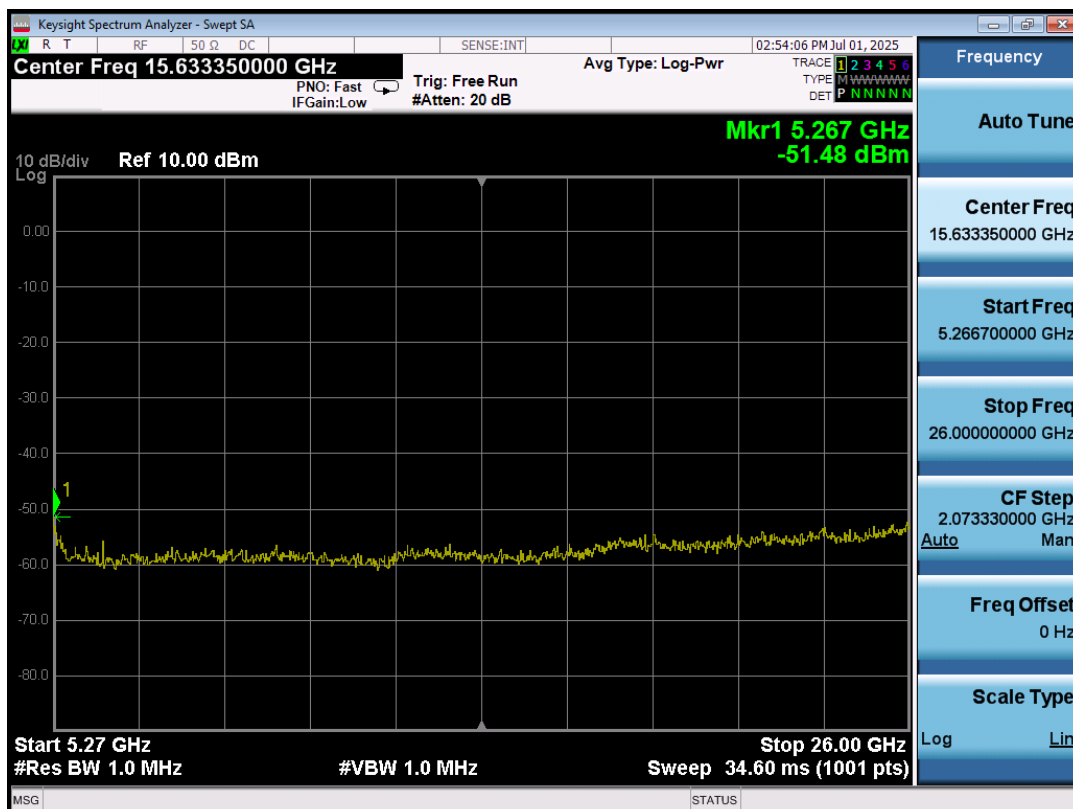
Chain A_Mode 1 : Transmit (802.11a) ; 5180MHz : 5251 ~ 5260 MHz



Chain A_Mode 1 : Transmit (802.11a) ; 5180MHz : 5260 ~ 5266.7 MHz



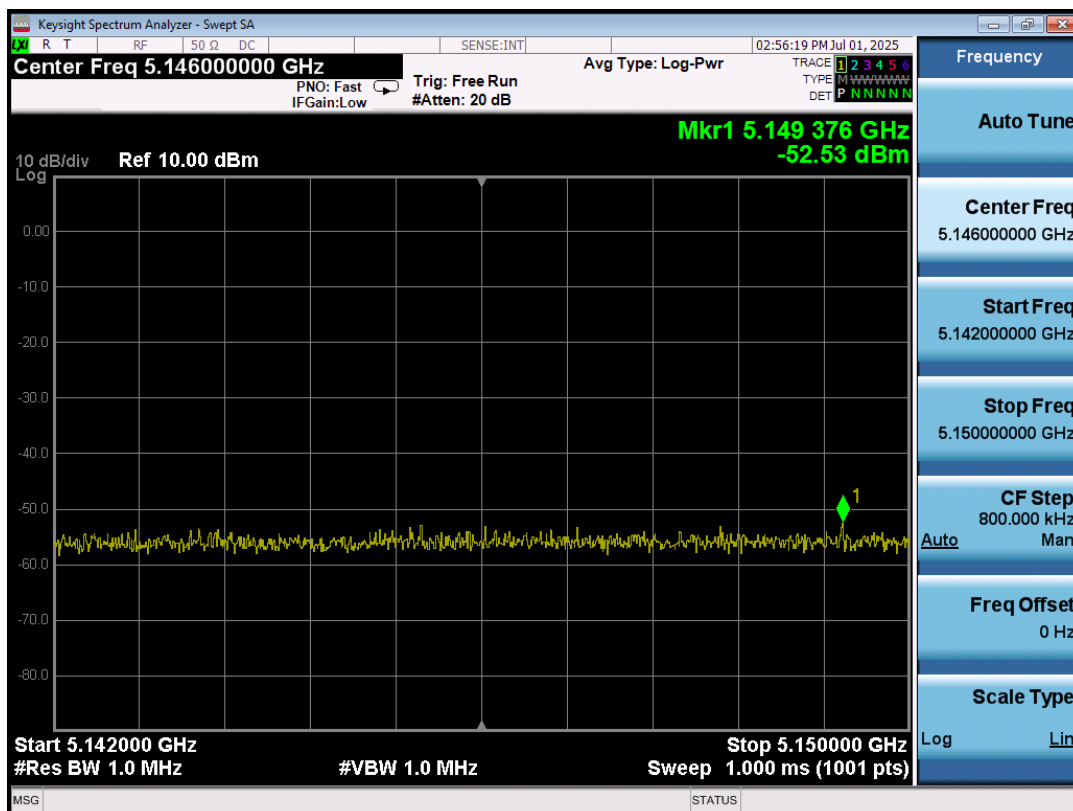
Chain A_Mode 1 : Transmit (802.11a) ; 5180MHz : 5266.7 ~ 26000MHz



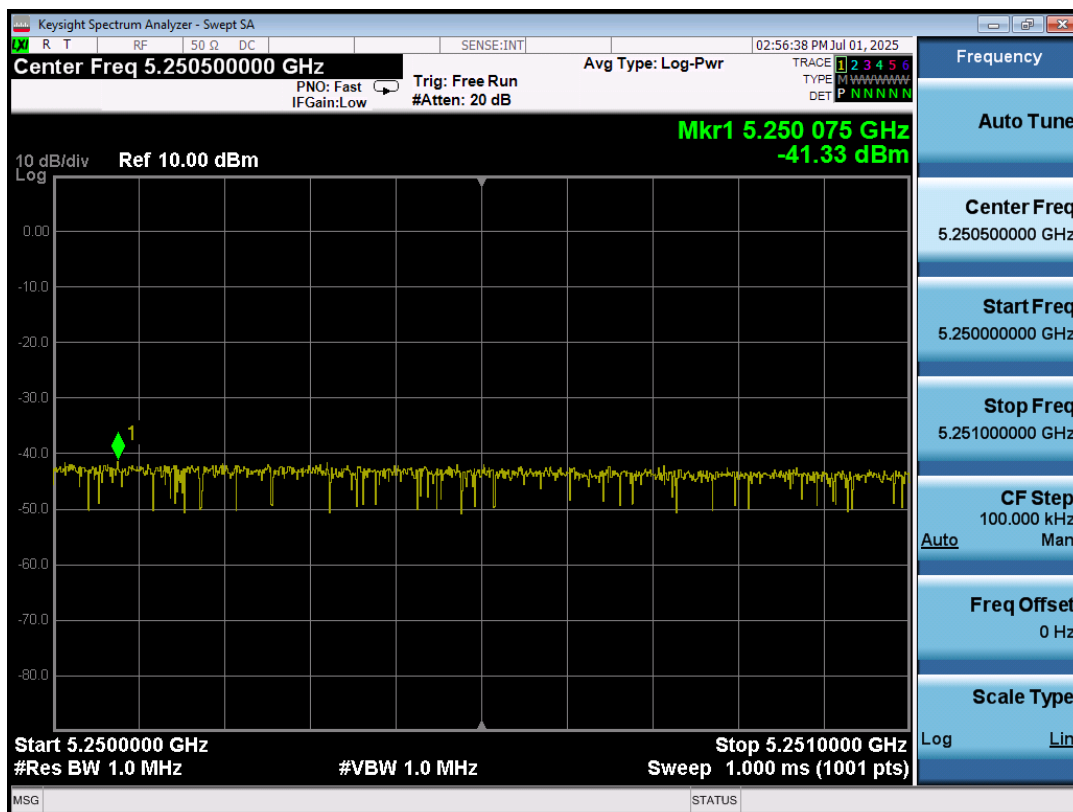
Chain A_Mode 1 : Transmit (802.11a) ; 5220MHz : 30 ~ 5142MHz



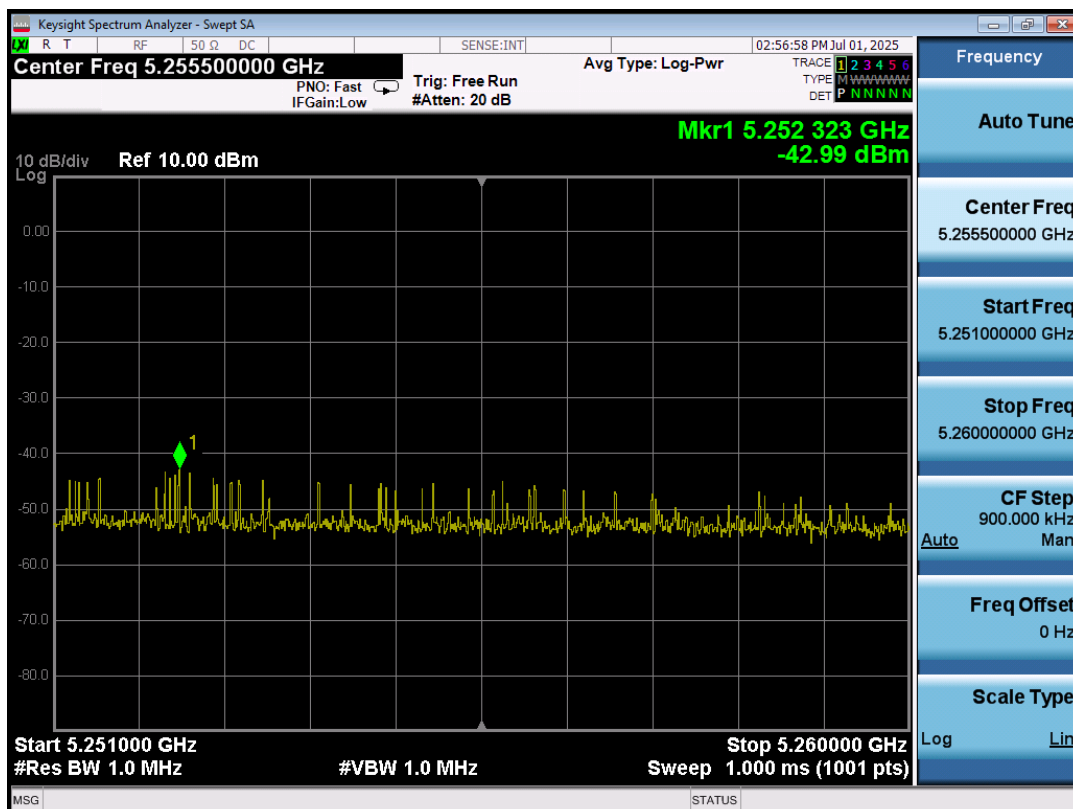
Chain A_Mode 1 : Transmit (802.11a) ; 5220MHz : 5142 ~ 5250 MHz



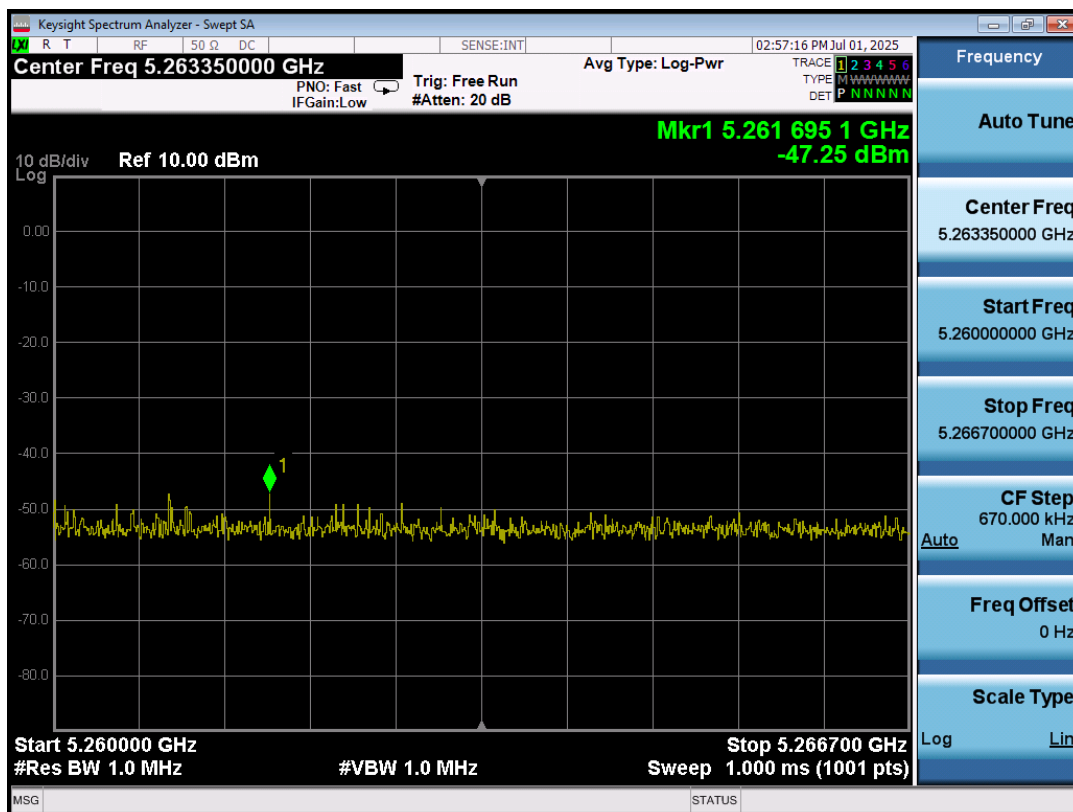
Chain A_Mode 1 : Transmit (802.11a) ; 5220MHz : 5250 ~ 5251 MHz



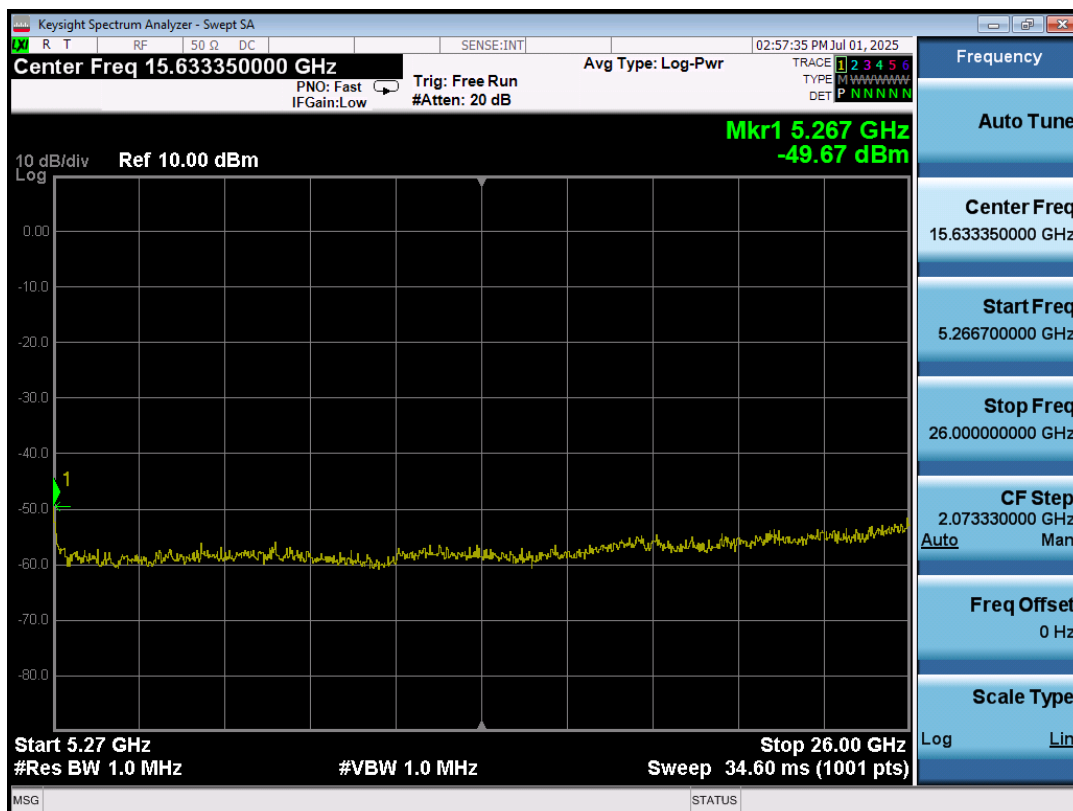
Chain A_Mode 1 : Transmit (802.11a) ; 5220MHz : 5251 ~ 5260 MHz



Chain A_Mode 1 : Transmit (802.11a) ; 5220MHz : 5260 ~ 5266.7 MHz



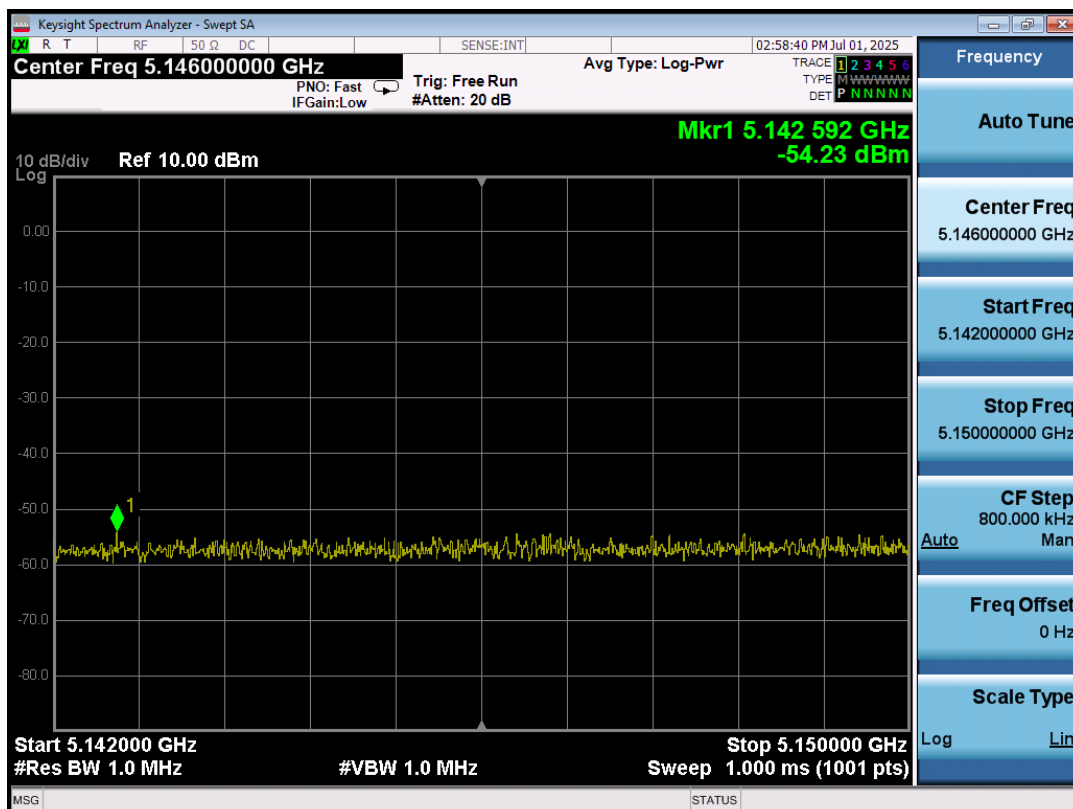
Chain A_Mode 1 : Transmit (802.11a) ; 5220MHz : 5266.7 ~ 26000MHz



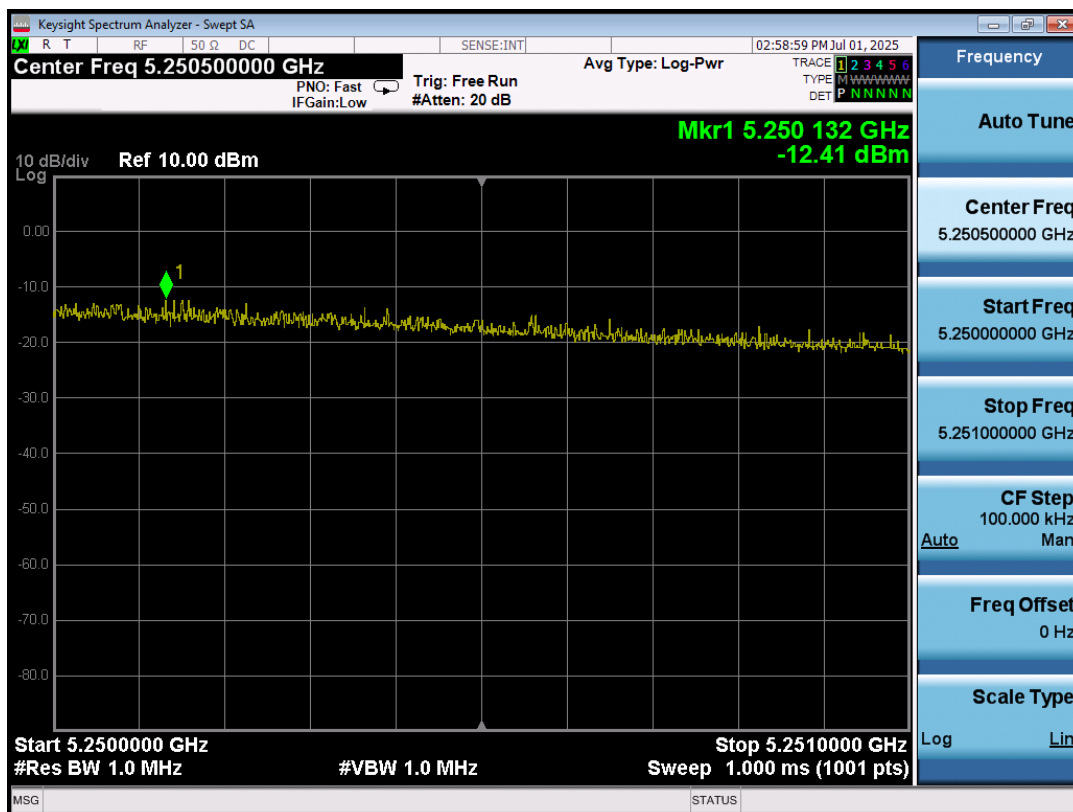
Chain A_Mode 1 : Transmit (802.11a) ; 5240MHz : 30 ~ 5142MHz



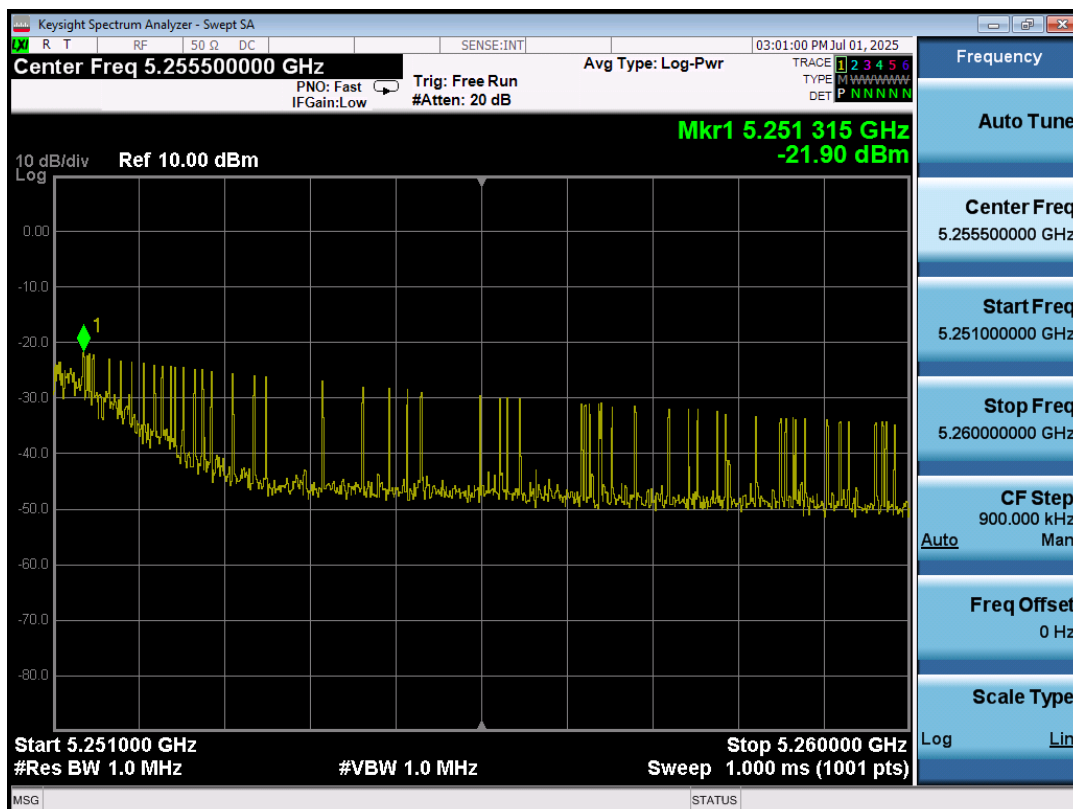
Chain A_Mode 1 : Transmit (802.11a) ; 5240MHz : 5142 ~ 5250 MHz



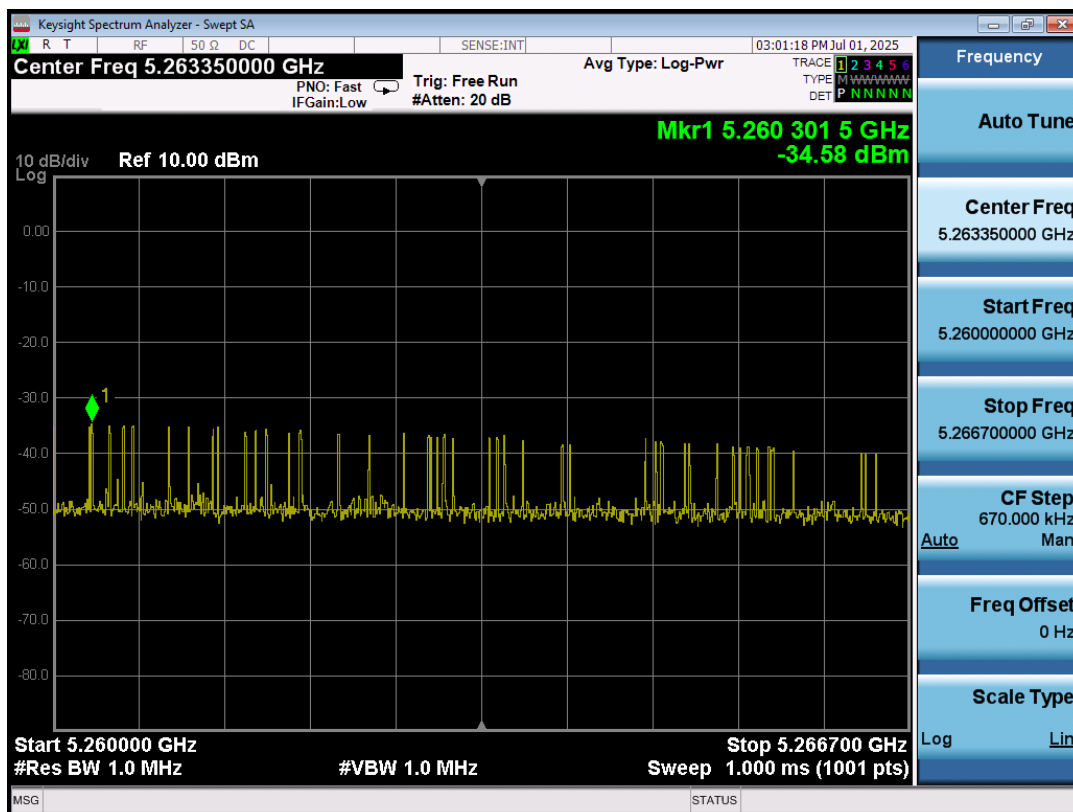
Chain A_Mode 1 : Transmit (802.11a) ; 5240MHz : 5250 ~ 5251 MHz



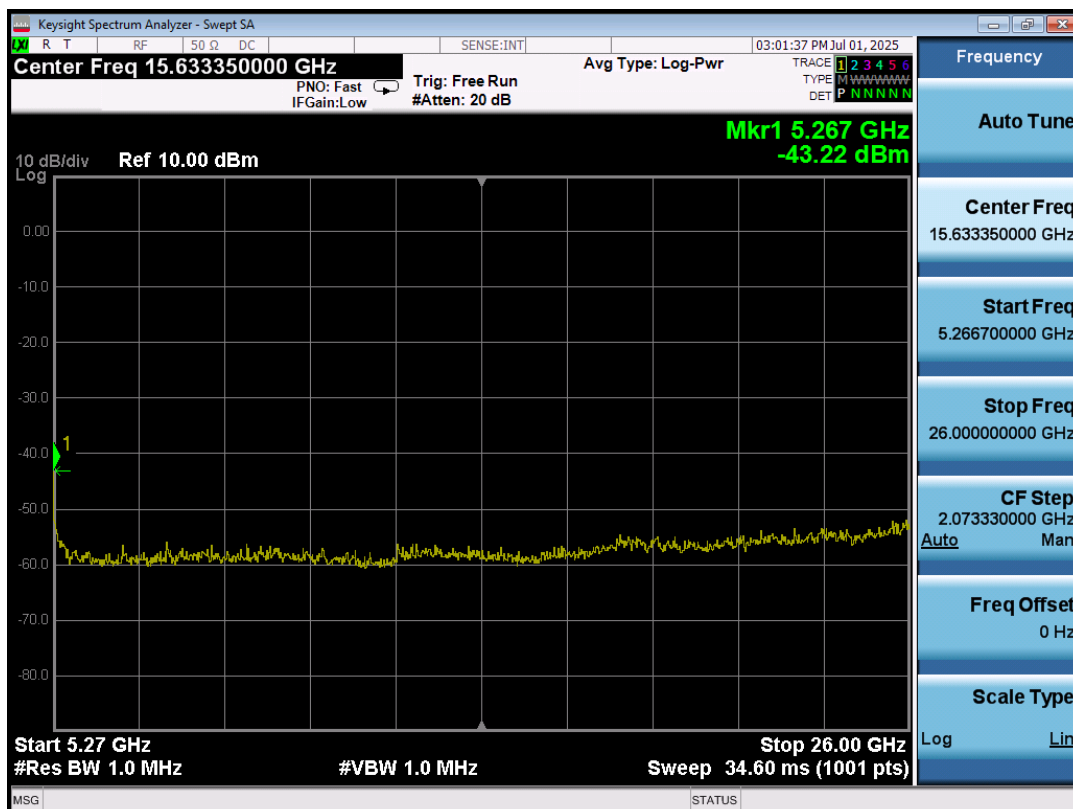
Chain A_Mode 1 : Transmit (802.11a) ; 5240MHz : 5251 ~ 5260 MHz



Chain A_Mode 1 : Transmit (802.11a) ; 5240MHz : 5260 ~ 5266.7 MHz



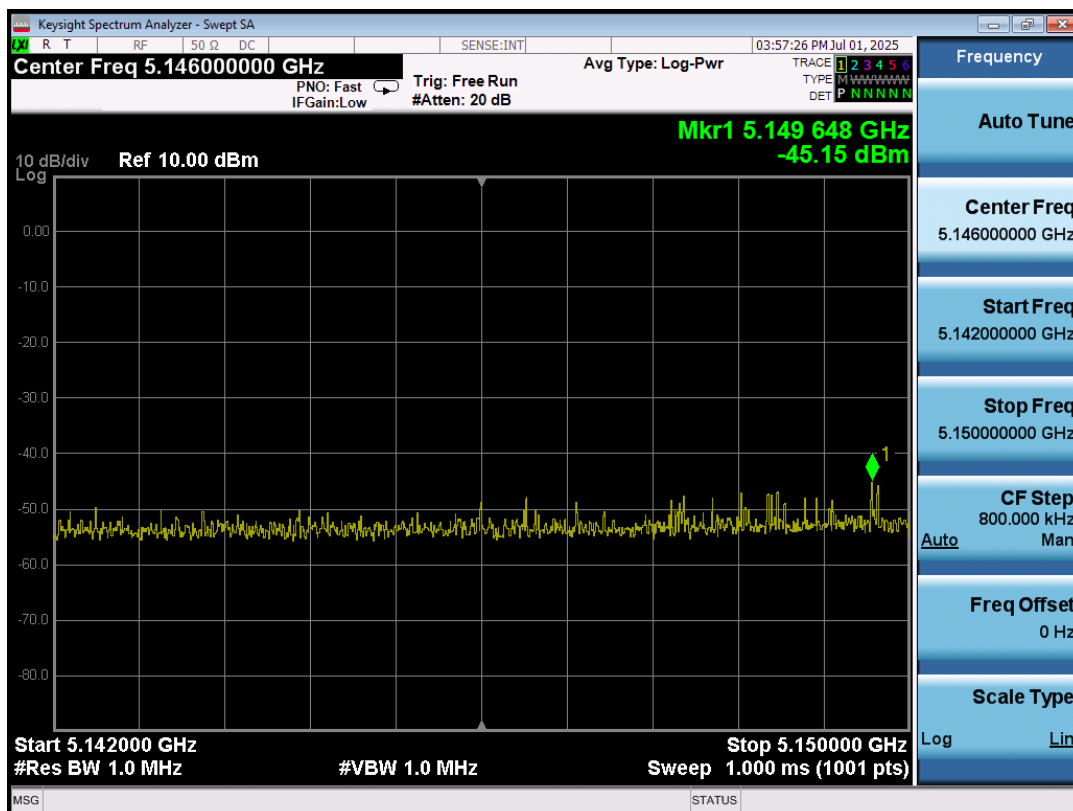
Chain A_Mode 1 : Transmit (802.11a) ; 5240MHz : 5266.7 ~ 26000MHz



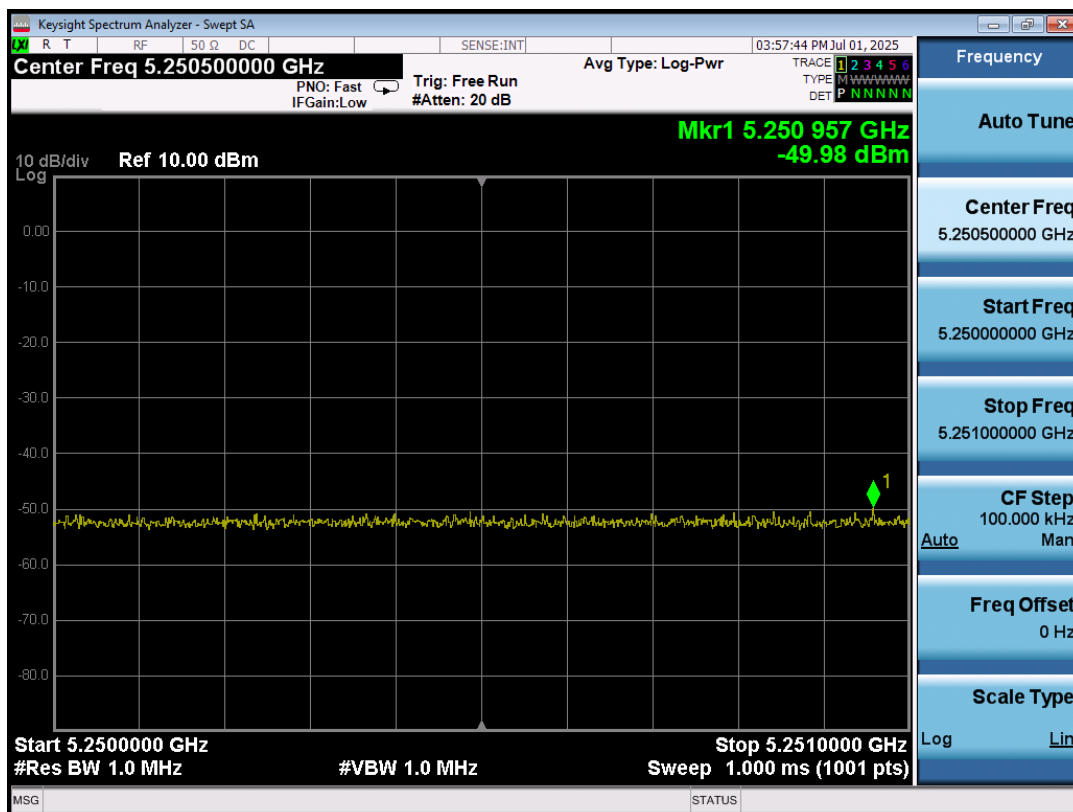
Chain B_Mode 1 : Transmit (802.11a) ; 5180MHz : 30 ~ 5142MHz



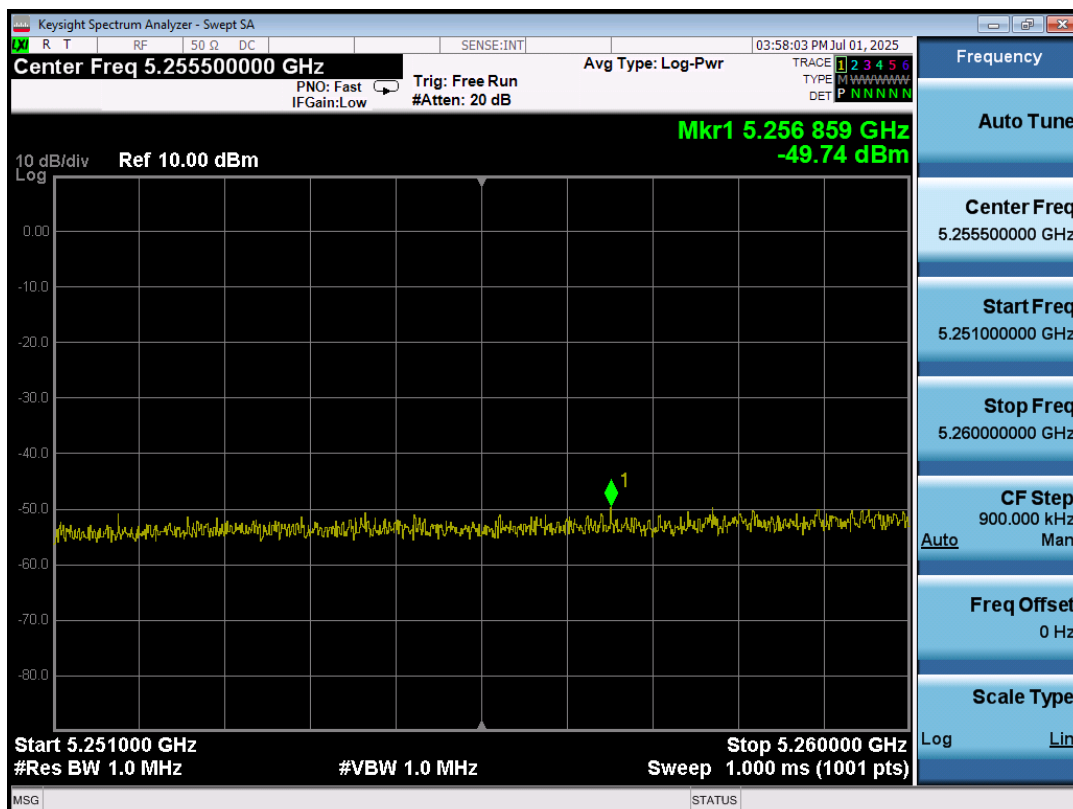
Chain B_Mode 1 : Transmit (802.11a) ; 5180MHz : 5142 ~ 5250 MHz



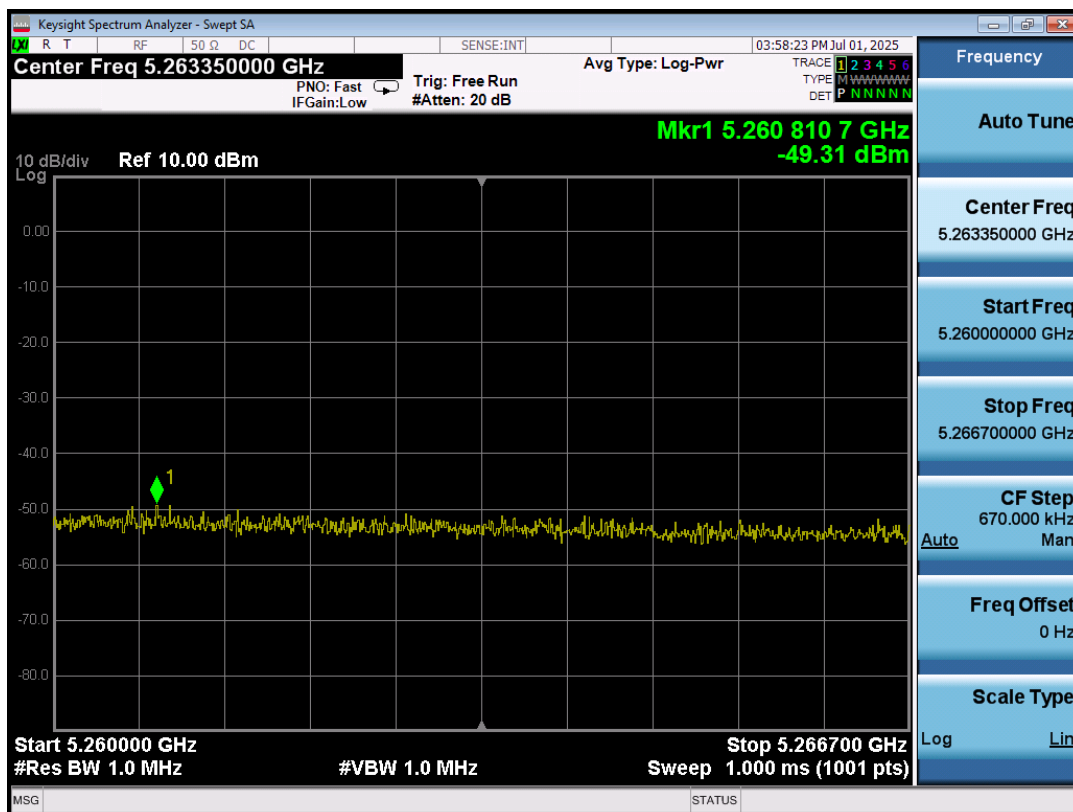
Chain B_Mode 1 : Transmit (802.11a) ; 5180MHz : 5250 ~ 5251 MHz



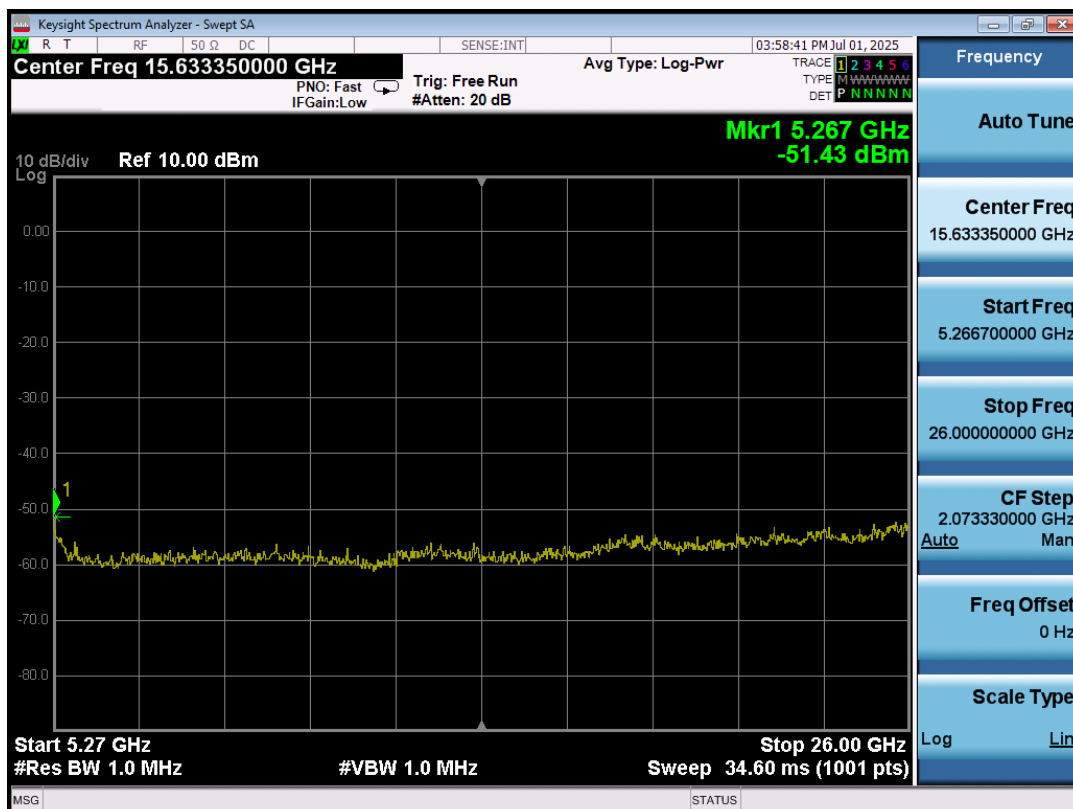
Chain B_Mode 1 : Transmit (802.11a) ; 5180MHz : 5251 ~ 5260 MHz



Chain B_Mode 1 : Transmit (802.11a) ; 5180MHz : 5260 ~ 5266.7 MHz



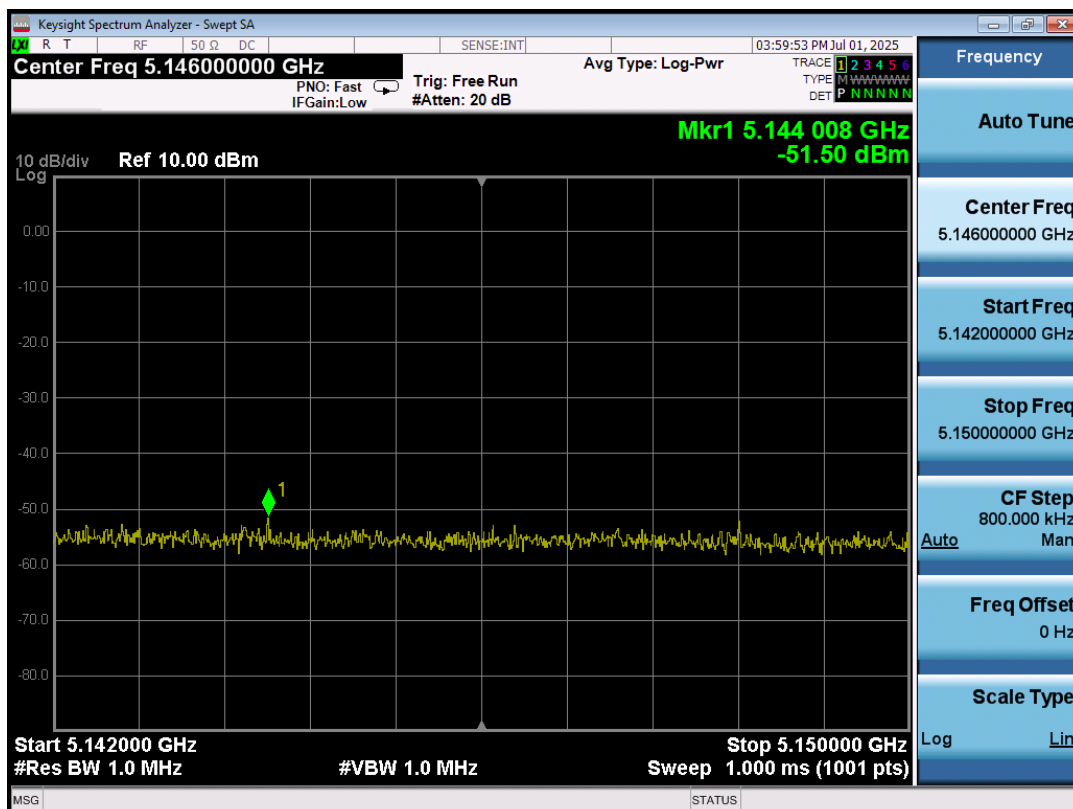
Chain B_Mode 1 : Transmit (802.11a) ; 5180MHz : 5266.7 ~ 26000MHz



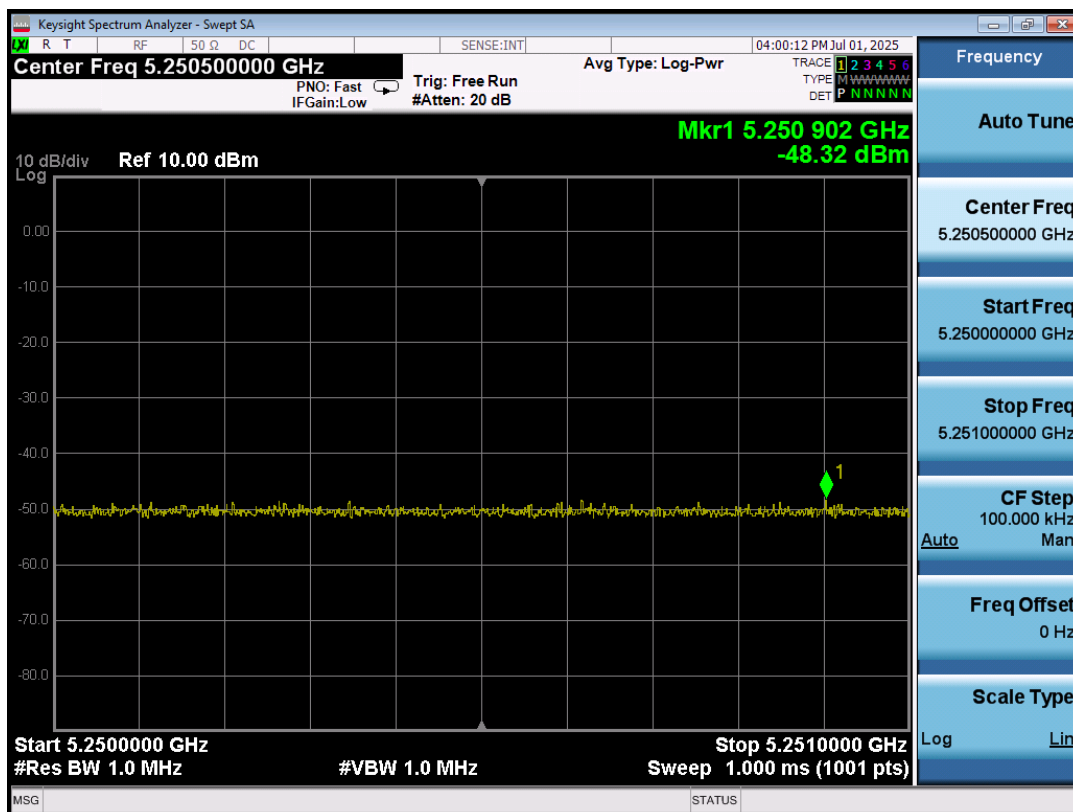
Chain B_Mode 1 : Transmit (802.11a) ; 5220MHz : 30 ~ 5142MHz



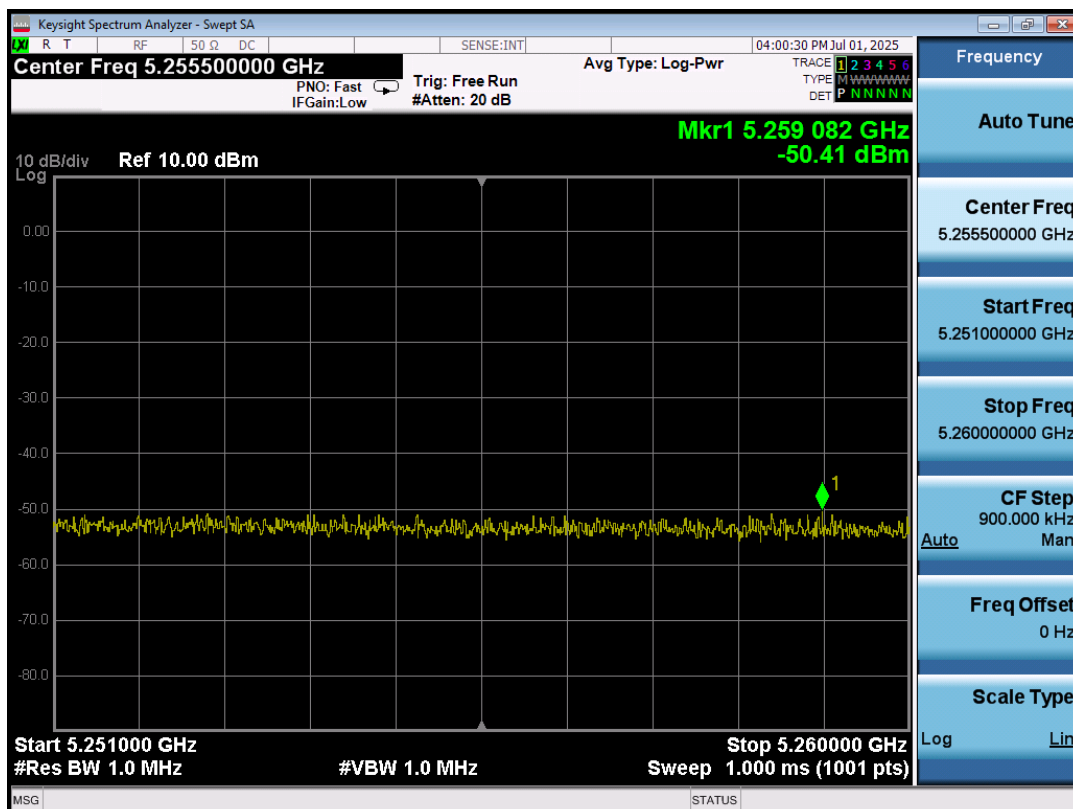
Chain B_Mode 1 : Transmit (802.11a) ; 5220MHz : 5142 ~ 5250 MHz



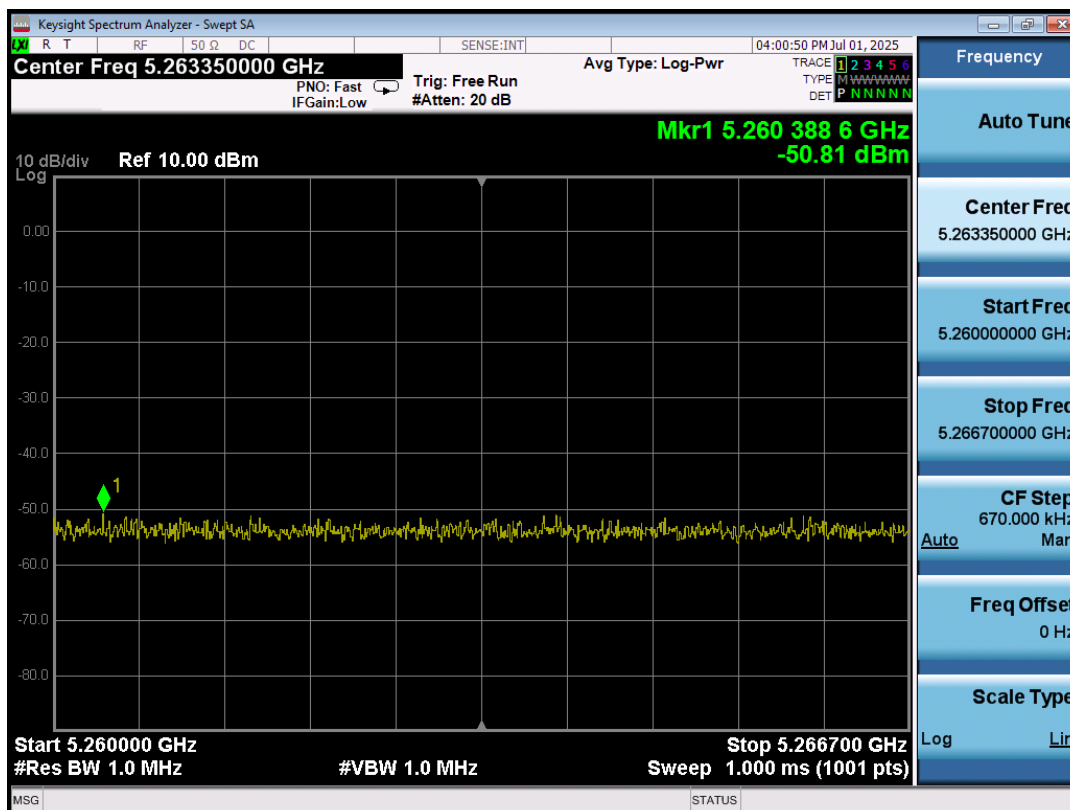
Chain B_Mode 1 : Transmit (802.11a) ; 5220MHz : 5250 ~ 5251 MHz



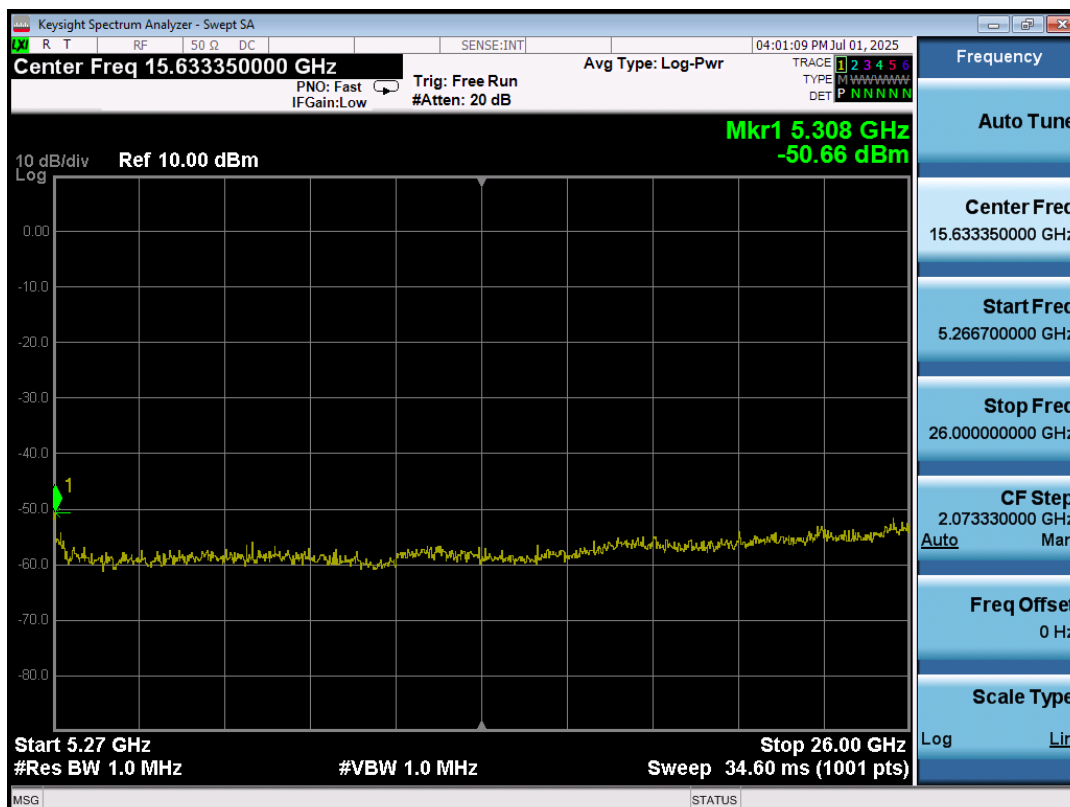
Chain B_Mode 1 : Transmit (802.11a) ; 5220MHz : 5251 ~ 5260 MHz



Chain B_Mode 1 : Transmit (802.11a) ; 5220MHz : 5260 ~ 5266.7 MHz



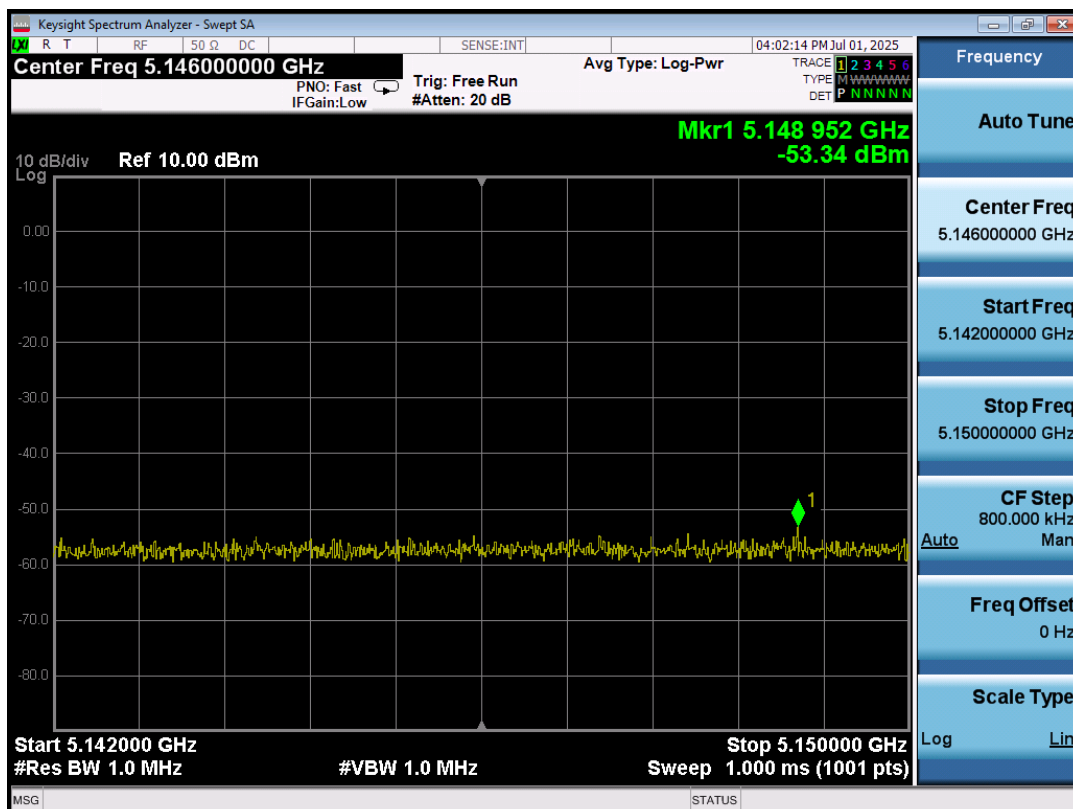
Chain B_Mode 1 : Transmit (802.11a) ; 5220MHz : 5266.7 ~ 26000MHz



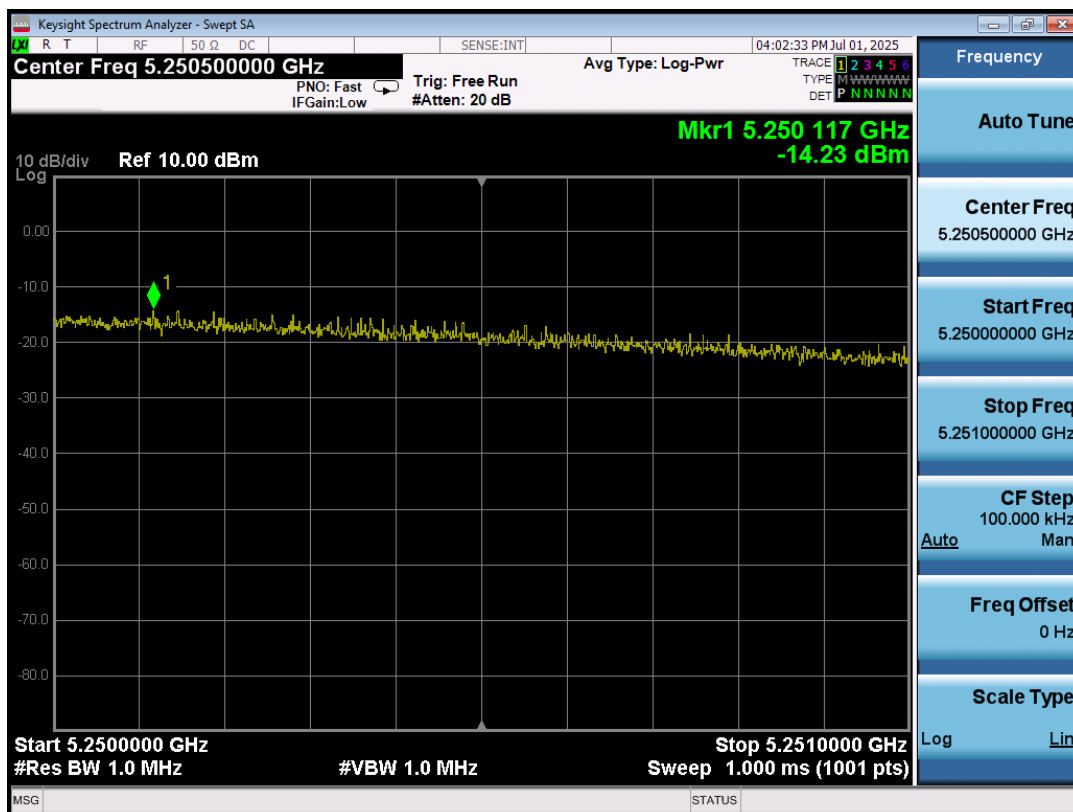
Chain B_Mode 1 : Transmit (802.11a) ; 5240MHz : 30 ~ 5142MHz



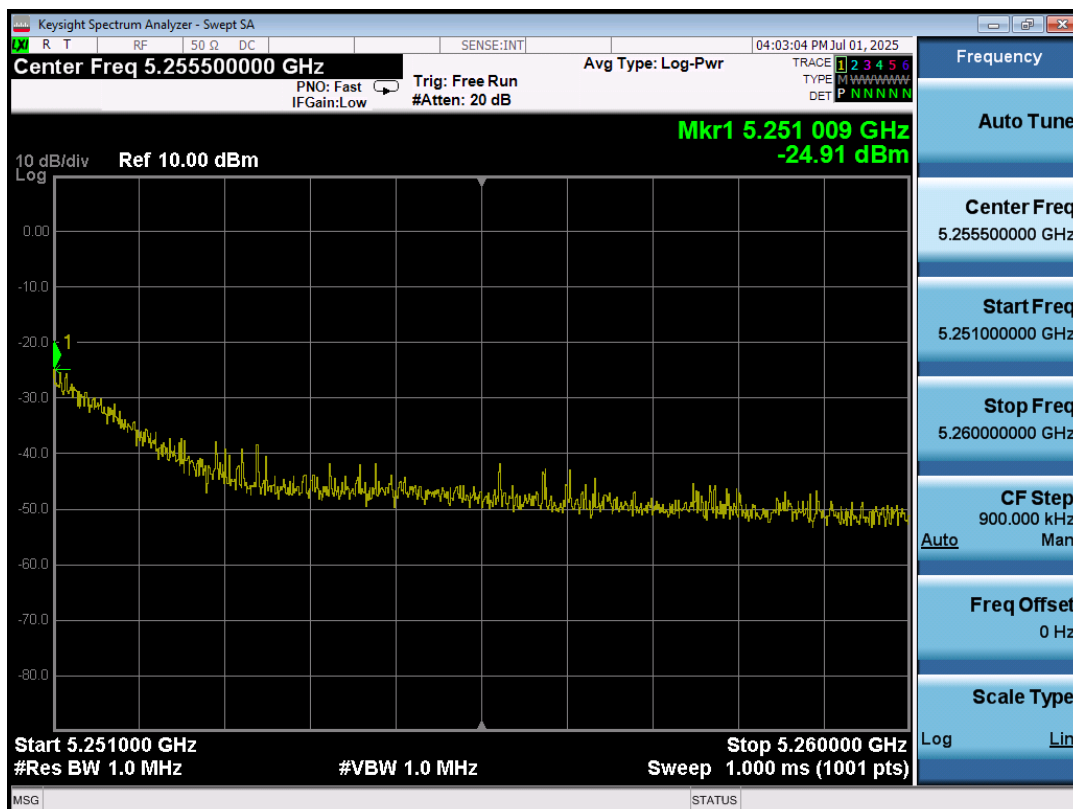
Chain B_Mode 1 : Transmit (802.11a) ; 5240MHz : 5142 ~ 5250 MHz



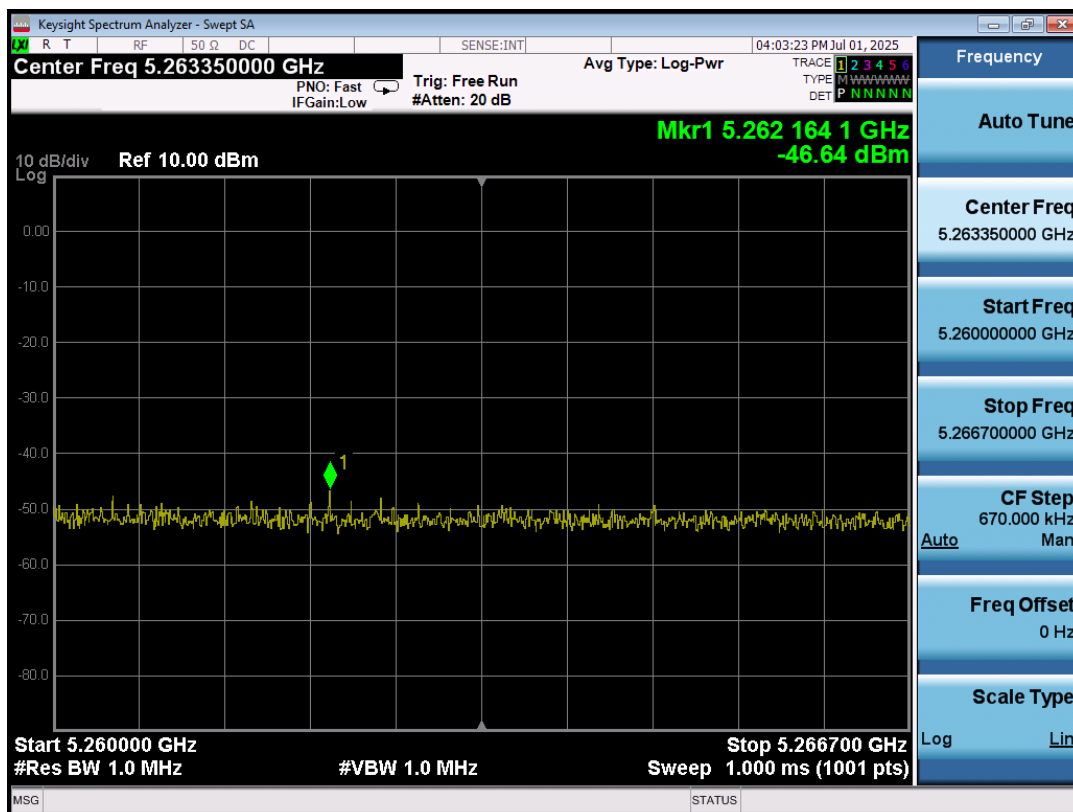
Chain B_Mode 1 : Transmit (802.11a) ; 5240MHz : 5250 ~ 5251 MHz



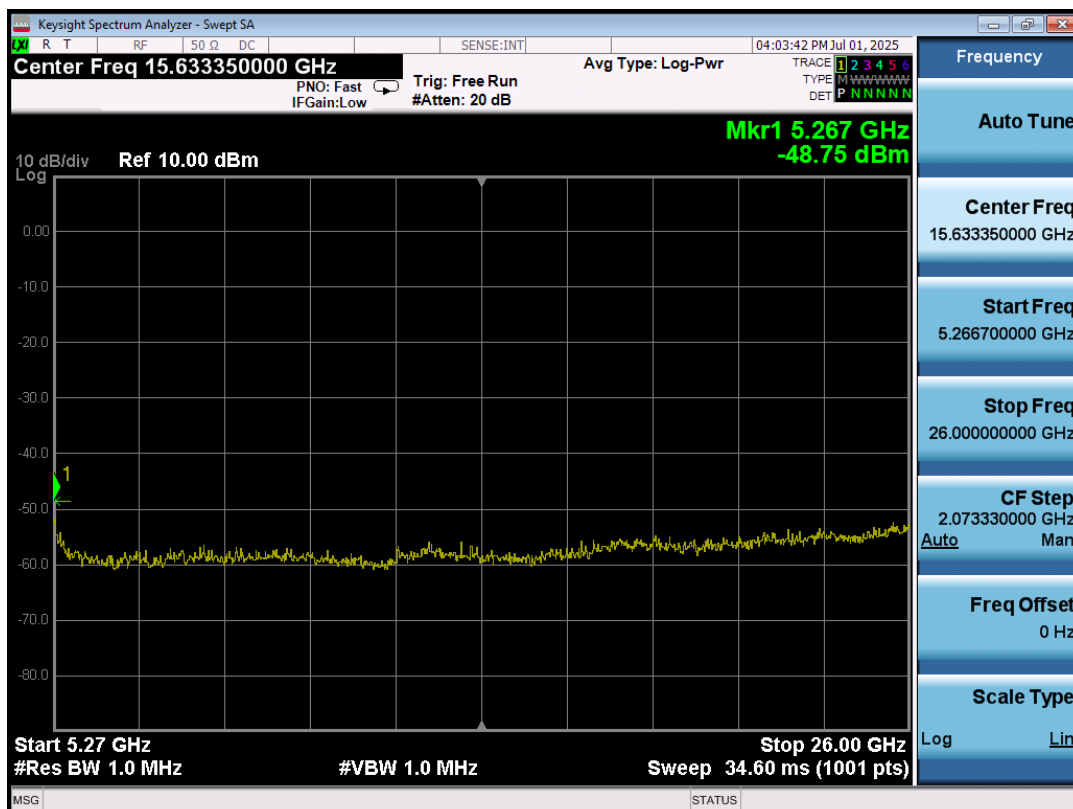
Chain B_Mode 1 : Transmit (802.11a) ; 5240MHz : 5251 ~ 5260 MHz



Chain B_Mode 1 : Transmit (802.11a) ; 5240MHz : 5260 ~ 5266.7 MHz



Chain B_Mode 1 : Transmit (802.11a) ; 5240MHz : 5266.7 ~ 26000MHz



Product : Audio Device
Test Item : Unwanted Emission Strength
Test Mode : Mode 2 : Transmit (802.11ac VHT20)
Test Voltage : 100V

Freq. (MHz)	Test Freq. (MHz)	Chain A		Chain B		Total (μW/MHz)	Limit (μW/MHz)	Result
		dBm/MHz	μW/MHz	dBm/MHz	μW/MHz			
5180	30 ~ 5142	-49.55	0.0111	-50.98	0.0080	0.0191	≤ 2.50	Pass
	5142 ~ 5150	-49.00	0.0126	-44.96	0.0319	0.0445	≤ 15.00	Pass
	5250 ~ 5251	-48.85	0.0130	-49.21	0.0120	0.0250	≤ 221.82	Pass
	5251 ~ 5260	-49.64	0.0109	-49.12	0.0122	0.0231	≤ 20.66	Pass
	5260 ~ 5266.7	-49.82	0.0104	-48.40	0.0145	0.0249	≤ 15.50	Pass
	5266.7 ~ 26000	-50.83	0.0083	-50.09	0.0098	0.0181	≤ 2.50	Pass
5220	30 ~ 5142	-52.21	0.0060	-52.02	0.0063	0.0123	≤ 2.50	Pass
	5142 ~ 5150	-51.93	0.0064	-50.86	0.0082	0.0146	≤ 15.00	Pass
	5250 ~ 5251	-40.12	0.0973	-47.20	0.0191	0.1163	≤ 765.60	Pass
	5251 ~ 5260	-42.29	0.0590	-48.95	0.0127	0.0718	≤ 75.44	Pass
	5260 ~ 5266.7	-45.98	0.0252	-48.99	0.0126	0.0379	≤ 15.33	Pass
	5266.7 ~ 26000	-49.95	0.0101	-50.47	0.0090	0.0191	≤ 2.50	Pass
5240	30 ~ 5142	-53.50	0.0045	-53.80	0.0042	0.0086	≤ 2.50	Pass
	5142 ~ 5150	-53.16	0.0048	-53.61	0.0044	0.0092	≤ 15.00	Pass
	5250 ~ 5251	-10.12	97.2747	-11.19	76.0326	173.3074	≤ 988.55	Pass
	5251 ~ 5260	-20.84	8.2414	-22.52	5.5976	13.8390	≤ 99.82	Pass
	5260 ~ 5266.7	-33.89	0.4083	-44.10	0.0389	0.4472	≤ 15.10	Pass
	5266.7 ~ 26000	-37.38	0.1828	-44.47	0.0357	0.2185	≤ 2.50	Pass

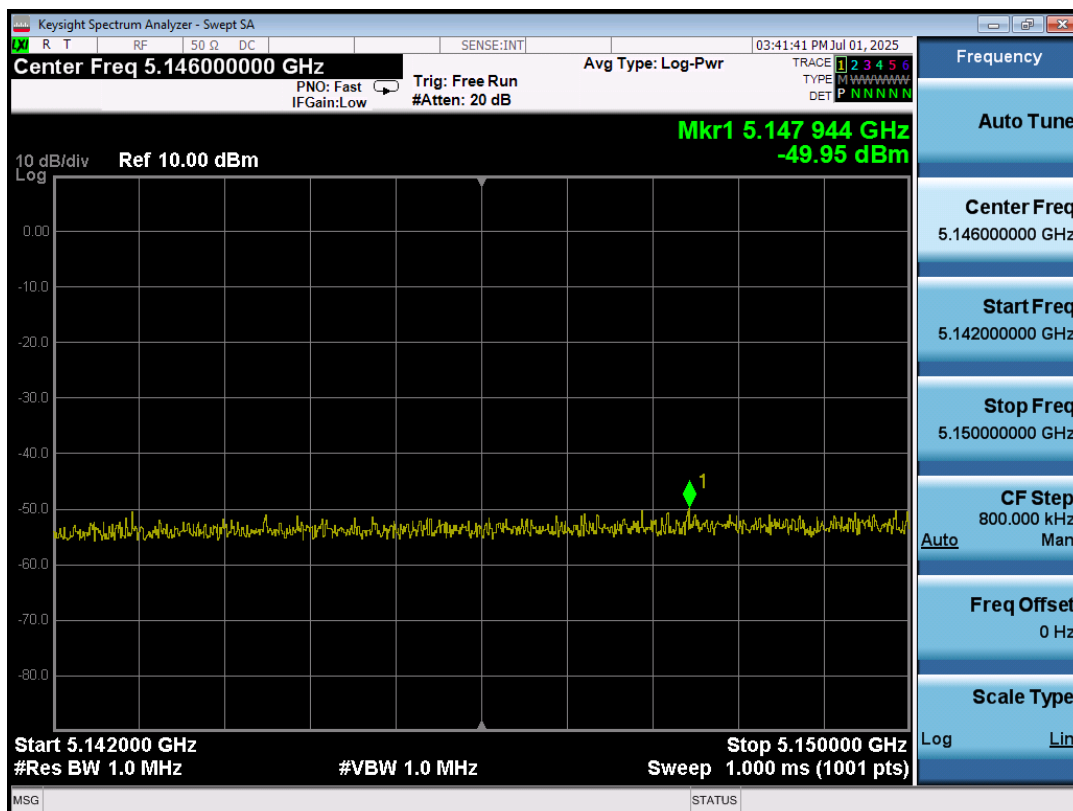
Note:

- (1) The frequency(30~1000MHz) test unit is μW/100kHz : $\mu\text{W}/\text{MHz} = \text{Measured Value}(\mu\text{W}/100\text{kHz}) * 10$
- (2) Actual value = Reading value + cable loss
- (3) The spectrum plots are attached on the following pages.

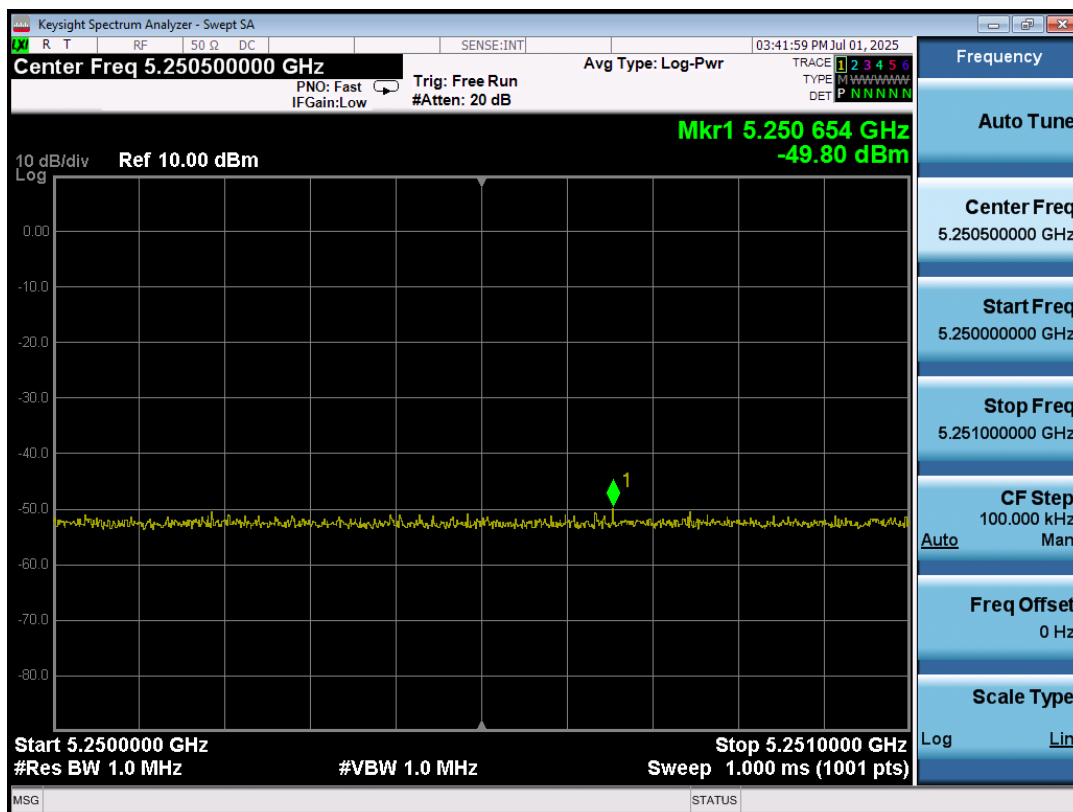
Chain A_Mode 2 : Transmit (802.11ac VHT20) ; 5180MHz : 30 ~ 5142MHz



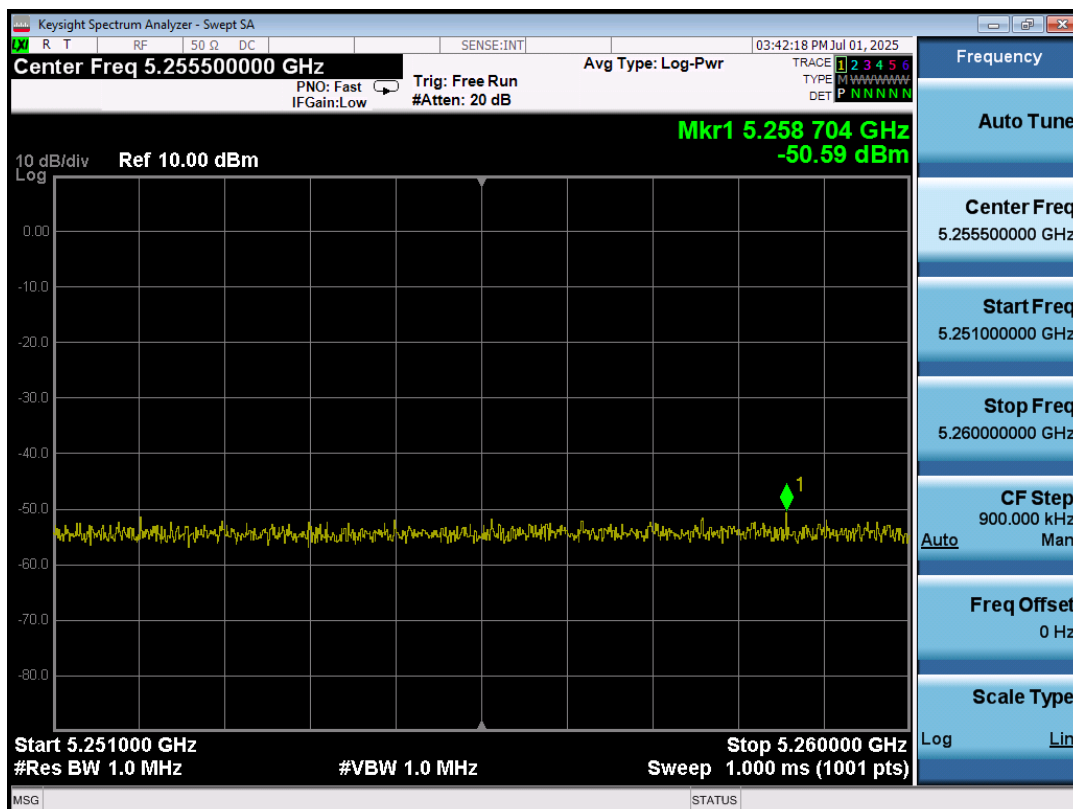
Chain A_Mode 2 : Transmit (802.11ac VHT20) ; 5180MHz : 5142 ~ 5150 MHz



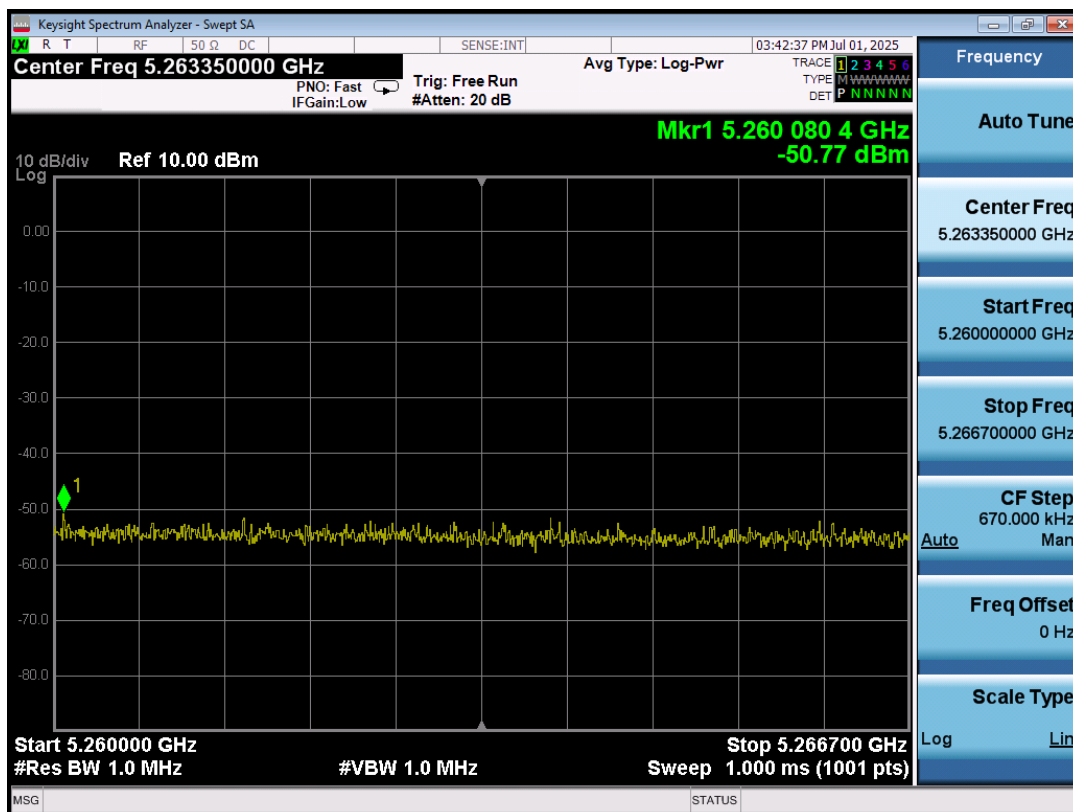
Chain A_Mode 2 : Transmit (802.11ac VHT20) ; 5180MHz : 5250 ~ 5251 MHz



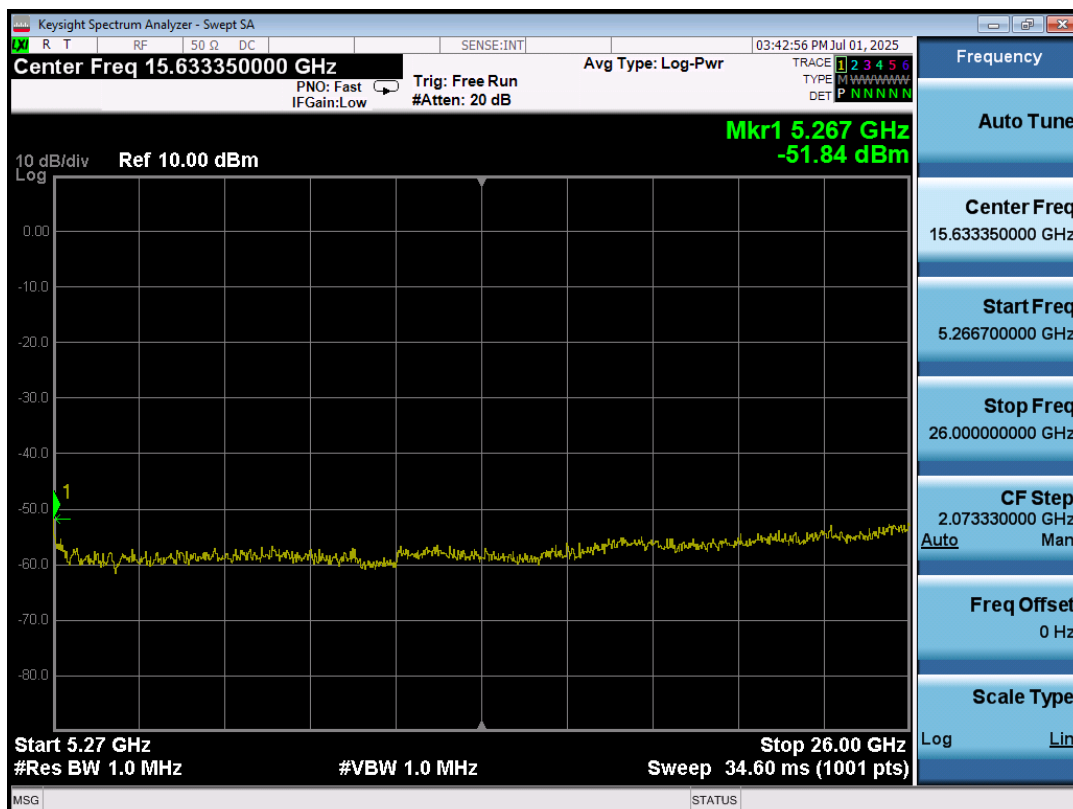
Chain A_Mode 2 : Transmit (802.11ac VHT20) ; 5180MHz : 5251 ~ 5260 MHz



Chain A_Mode 2 : Transmit (802.11ac VHT20) ; 5180MHz : 5260 ~ 5266.7 MHz



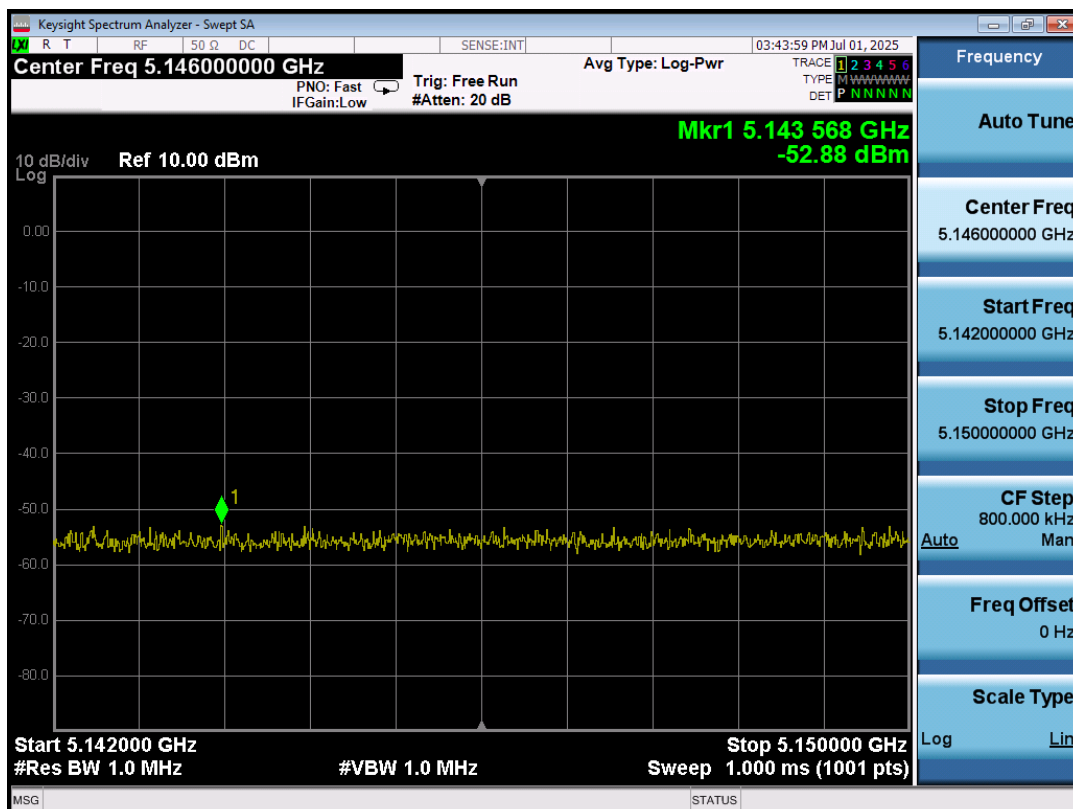
Chain A_Mode 2 : Transmit (802.11ac VHT20) ; 5180MHz : 5266.7 ~ 26000MHz



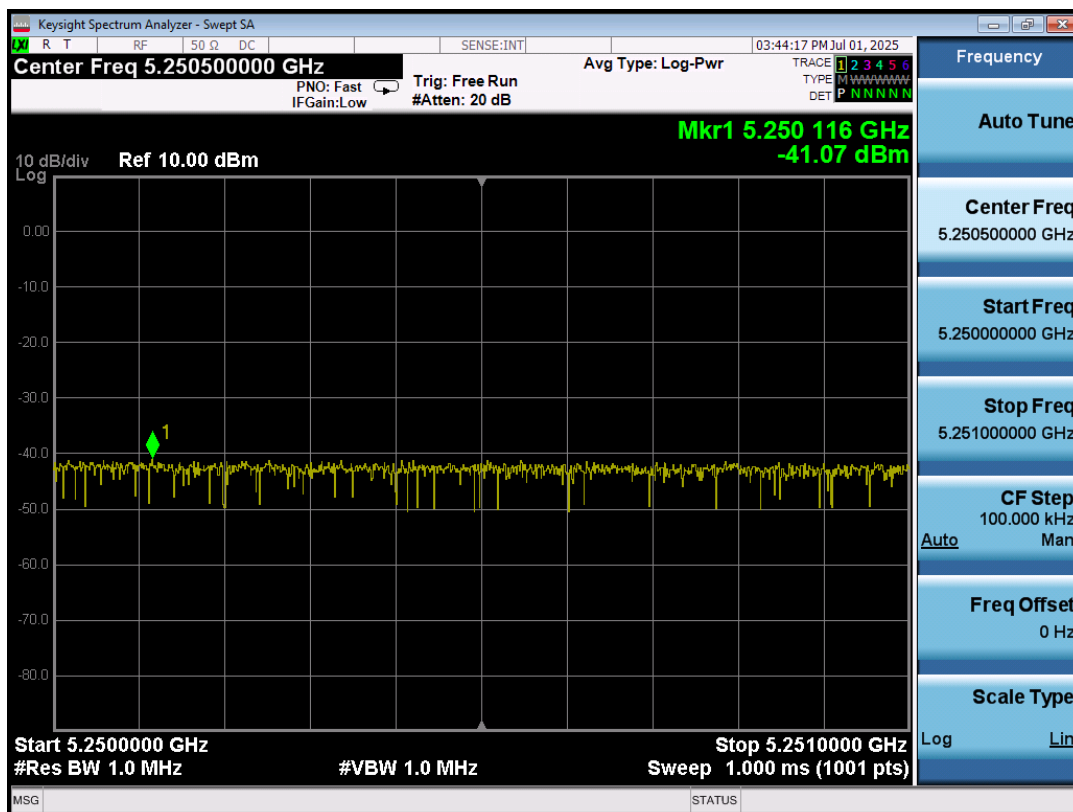
Chain A_Mode 2 : Transmit (802.11ac VHT20) ; 5220MHz : 30 ~ 5142MHz



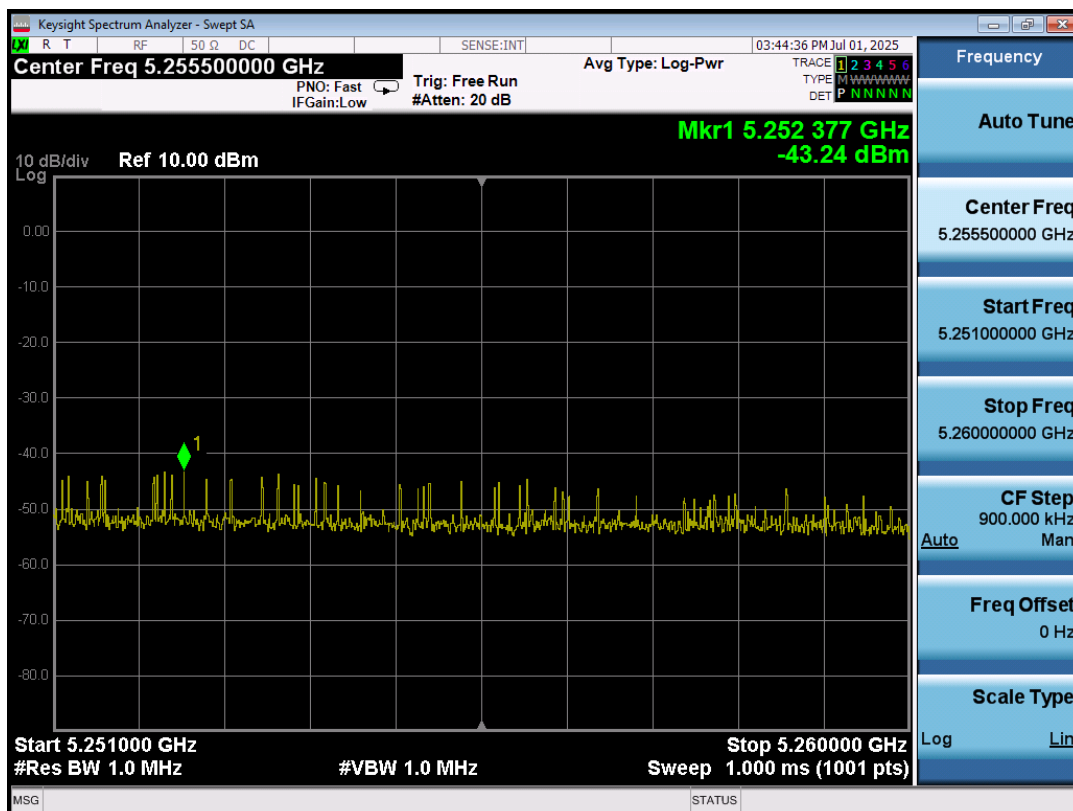
Chain A_Mode 2 : Transmit (802.11ac VHT20) ; 5220MHz : 5142 ~ 5150 MHz



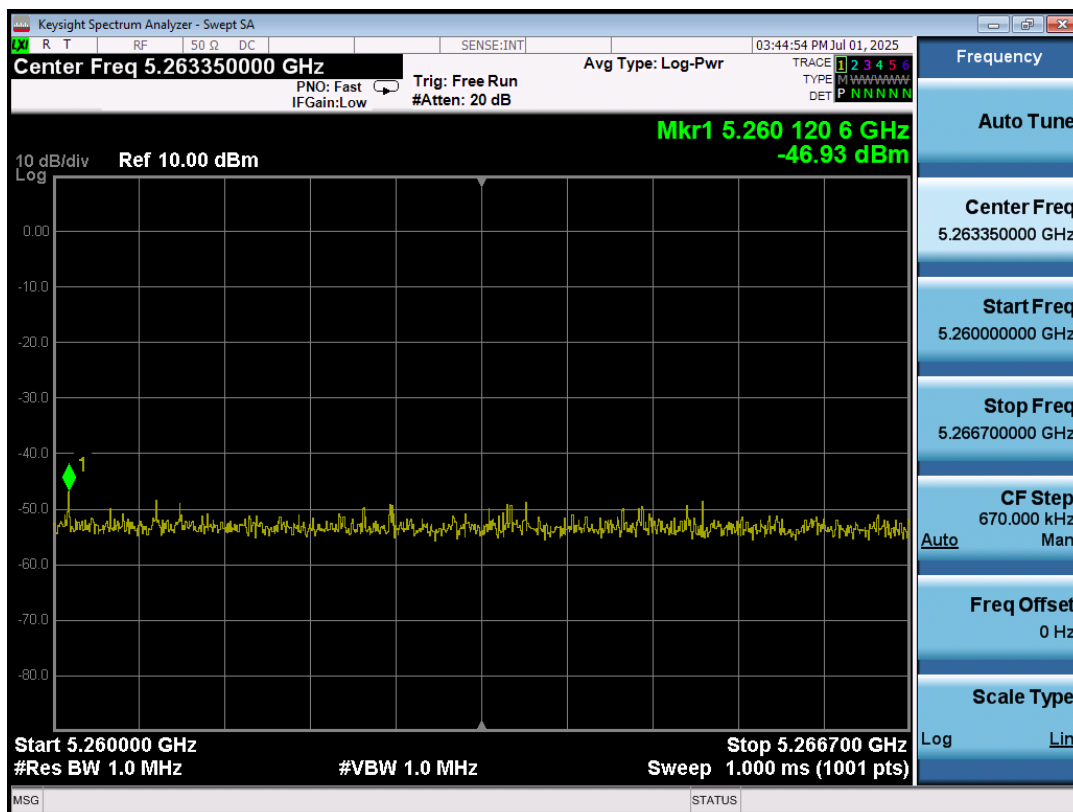
Chain A_Mode 2 : Transmit (802.11ac VHT20) ; 5220MHz : 5250 ~ 5251 MHz



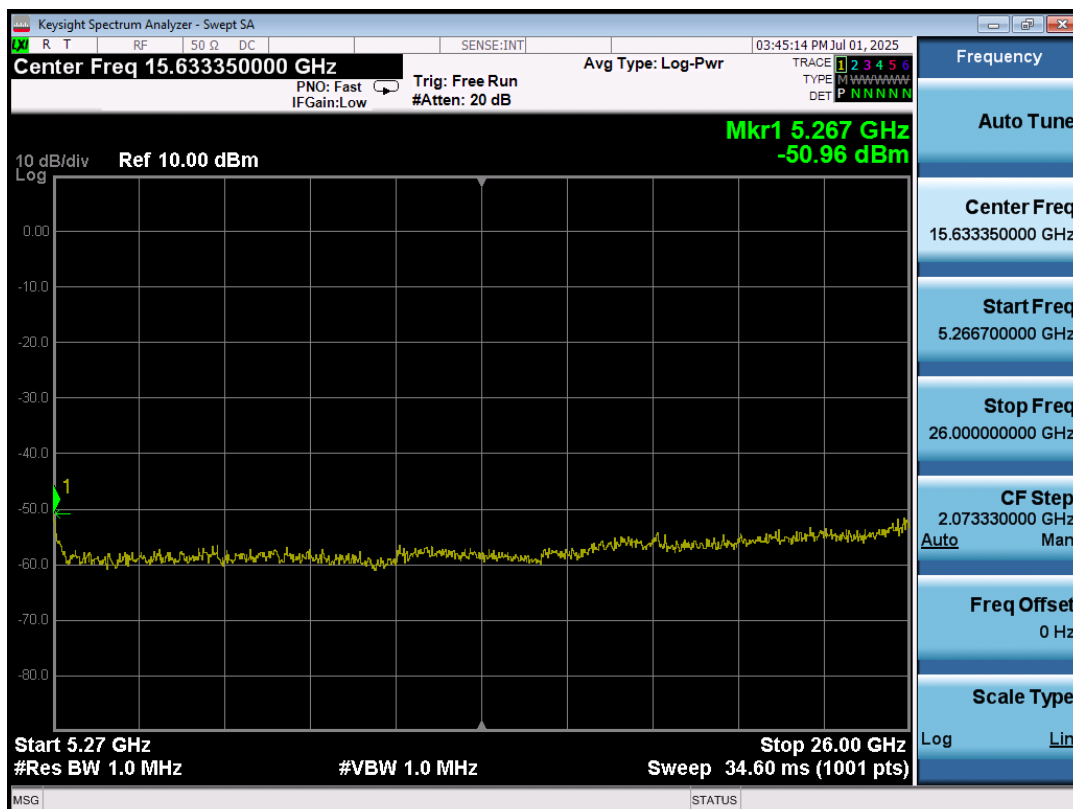
Chain A_Mode 2 : Transmit (802.11ac VHT20) ; 5220MHz : 5251 ~ 5260 MHz



Chain A_Mode 2 : Transmit (802.11ac VHT20) ; 5220MHz : 5260 ~ 5266.7 MHz



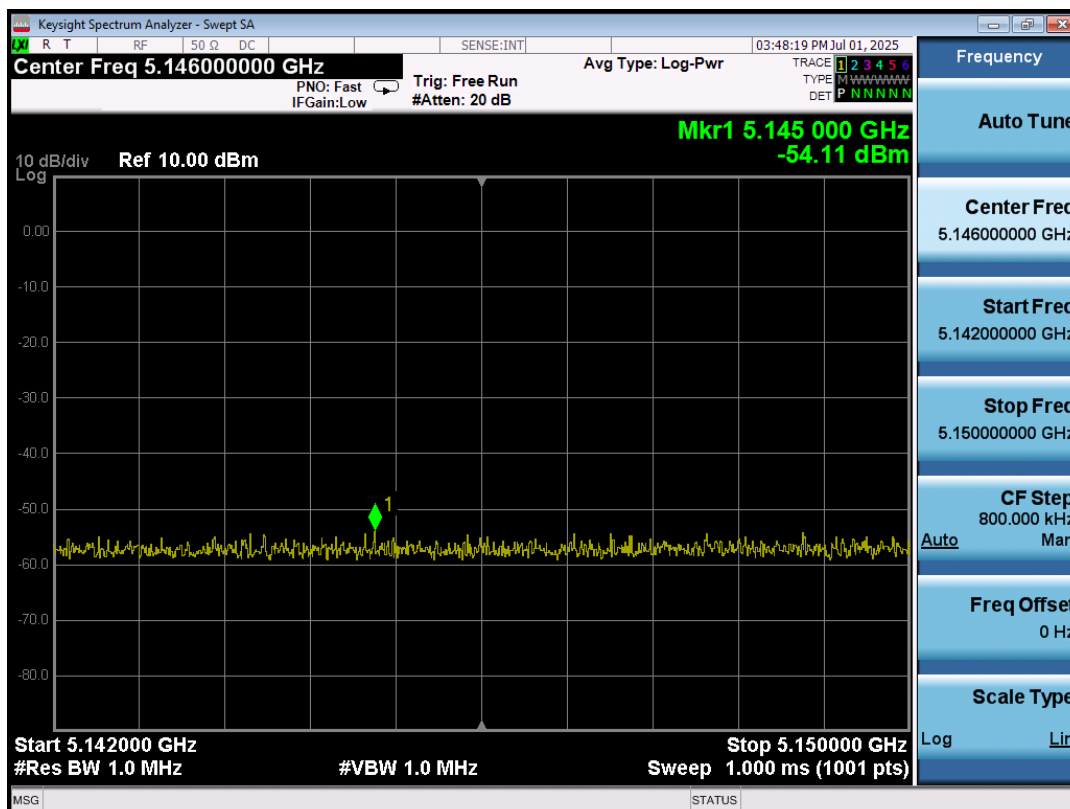
Chain A_Mode 2 : Transmit (802.11ac VHT20) ; 5220MHz : 5266.7 ~ 26000MHz



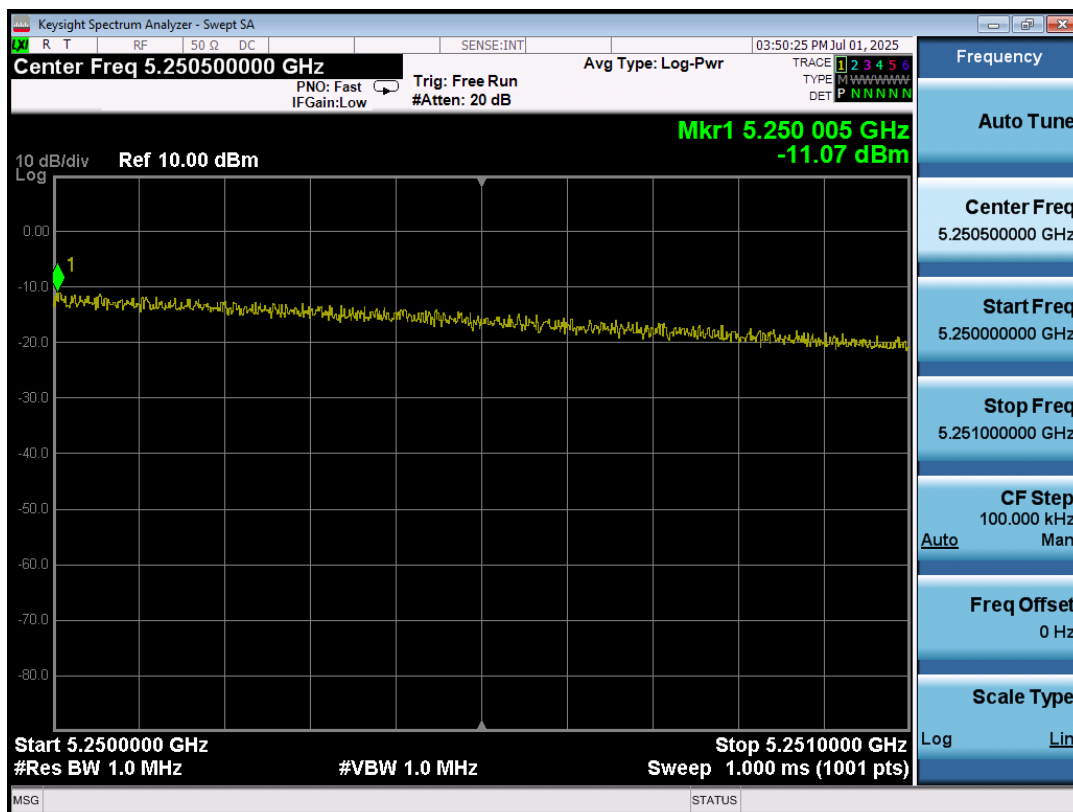
Chain A_Mode 2 : Transmit (802.11ac VHT20) ; 5240MHz : 30 ~ 5142MHz



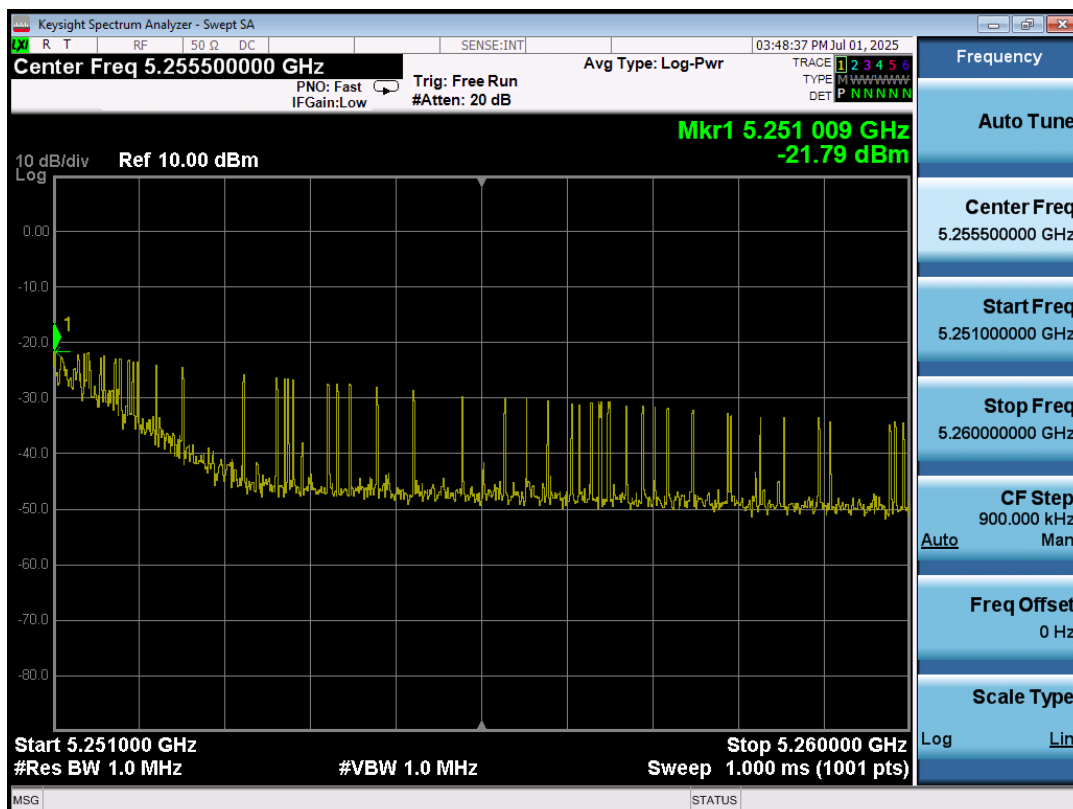
Chain A_Mode 2 : Transmit (802.11ac VHT20) ; 5240MHz : 5142 ~ 5150 MHz



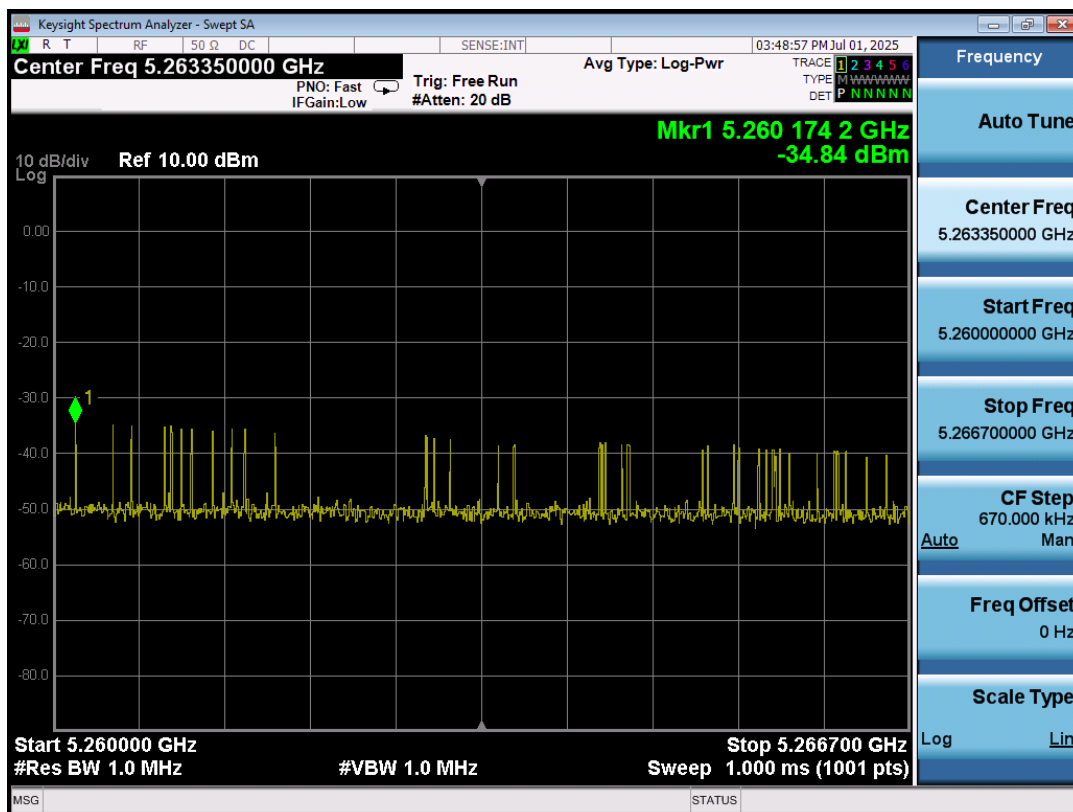
Chain A_Mode 2 : Transmit (802.11ac VHT20) ; 5240MHz : 5250 ~ 5251 MHz



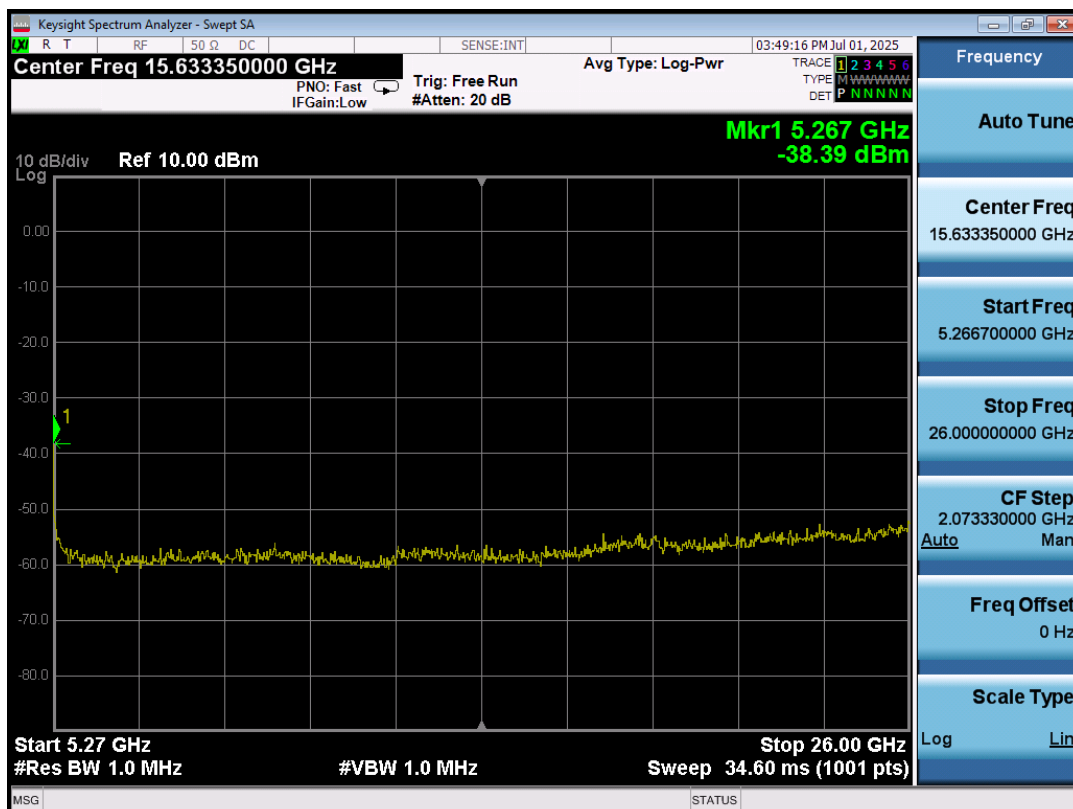
Chain A_Mode 2 : Transmit (802.11ac VHT20) ; 5240MHz : 5251 ~ 5260 MHz



Chain A_Mode 2 : Transmit (802.11ac VHT20) ; 5240MHz : 5260 ~ 5266.7 MHz



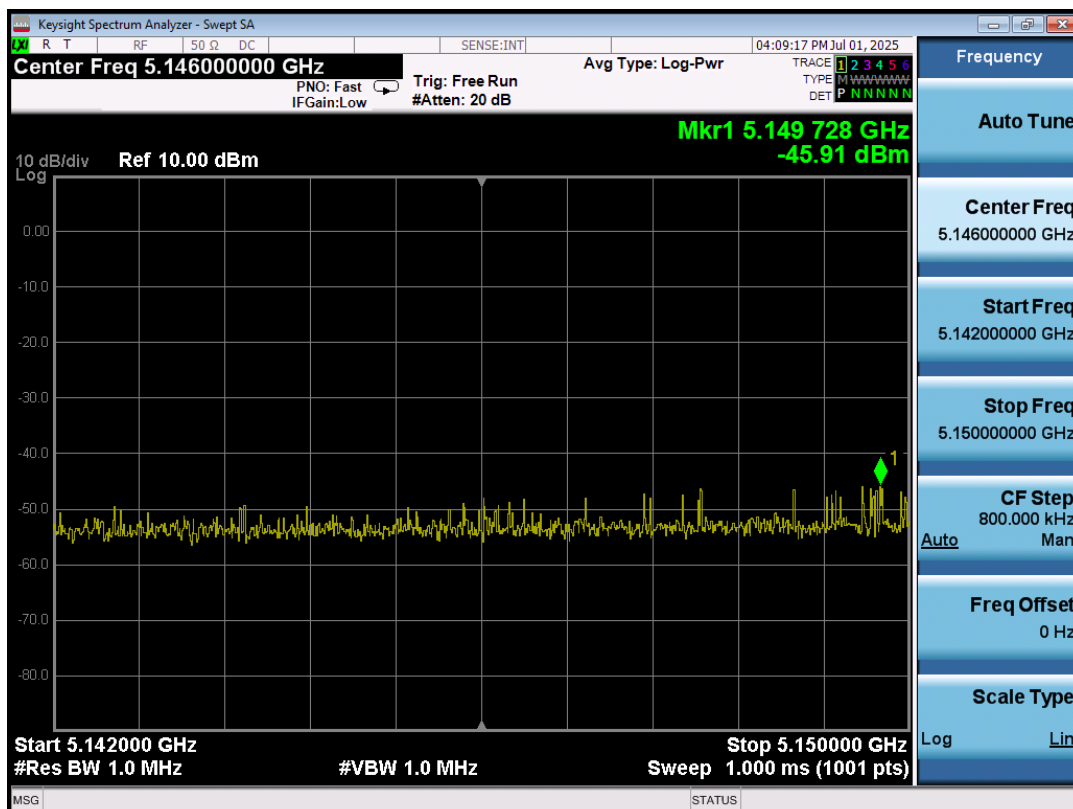
Chain A_Mode 2 : Transmit (802.11ac VHT20) ; 5240MHz : 5266.7 ~ 26000MHz



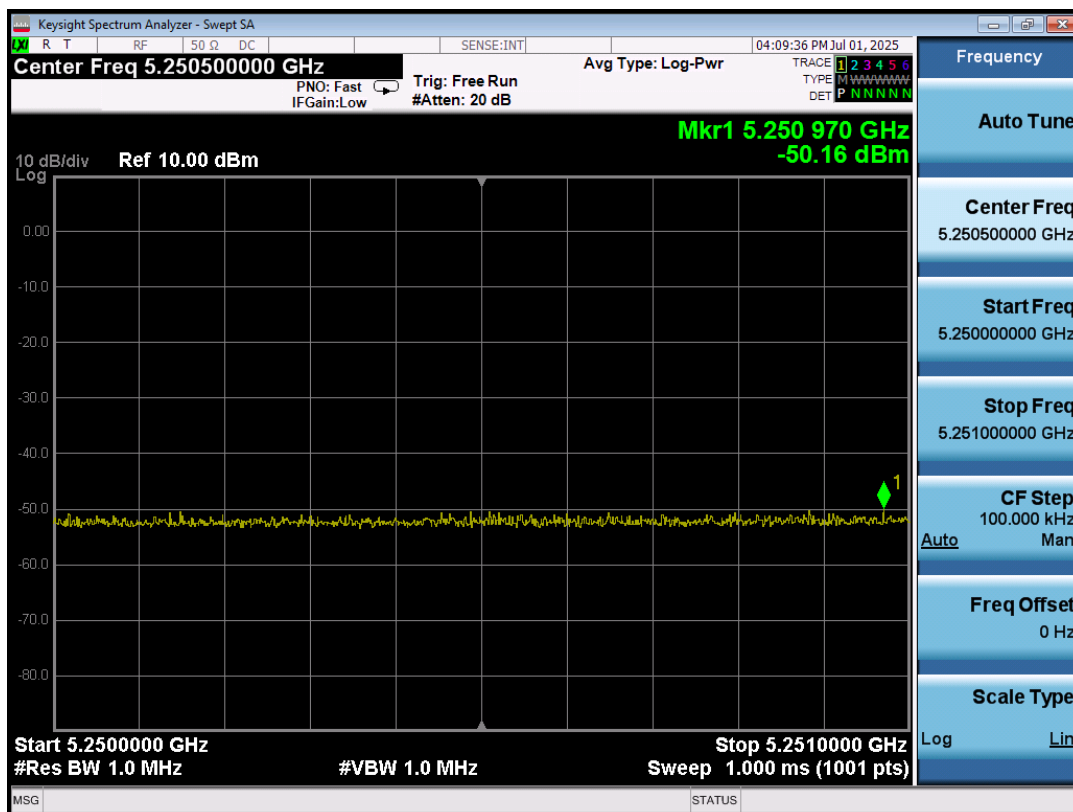
Chain B_Mode 2 : Transmit (802.11ac VHT20) ; 5180MHz : 30 ~ 5142MHz



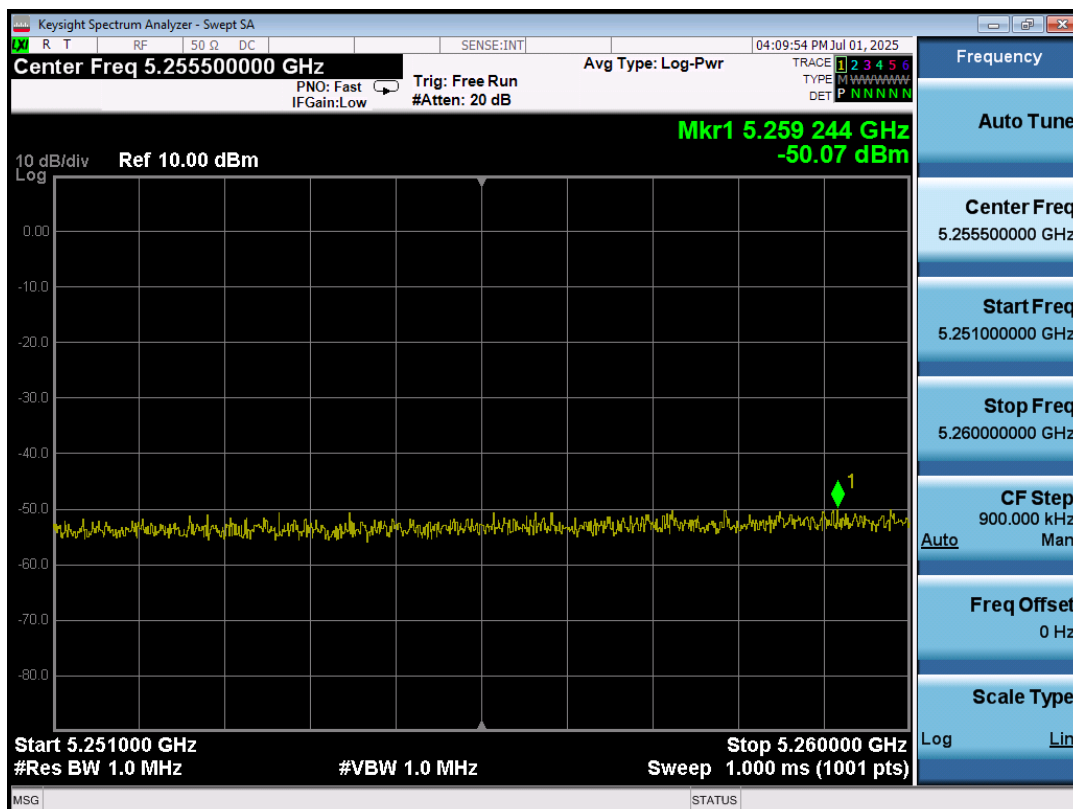
Chain B_Mode 2 : Transmit (802.11ac VHT20) ; 5180MHz : 5142 ~ 5150 MHz



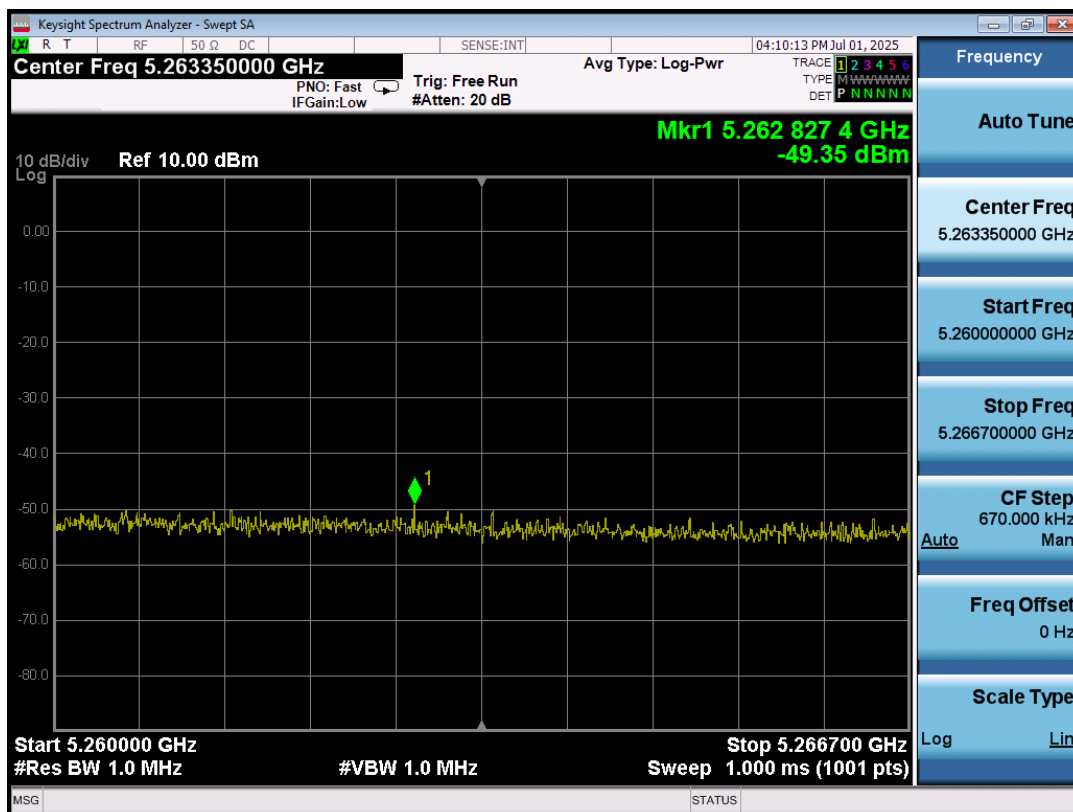
Chain B_Mode 2 : Transmit (802.11ac VHT20) ; 5180MHz : 5250 ~ 5251 MHz



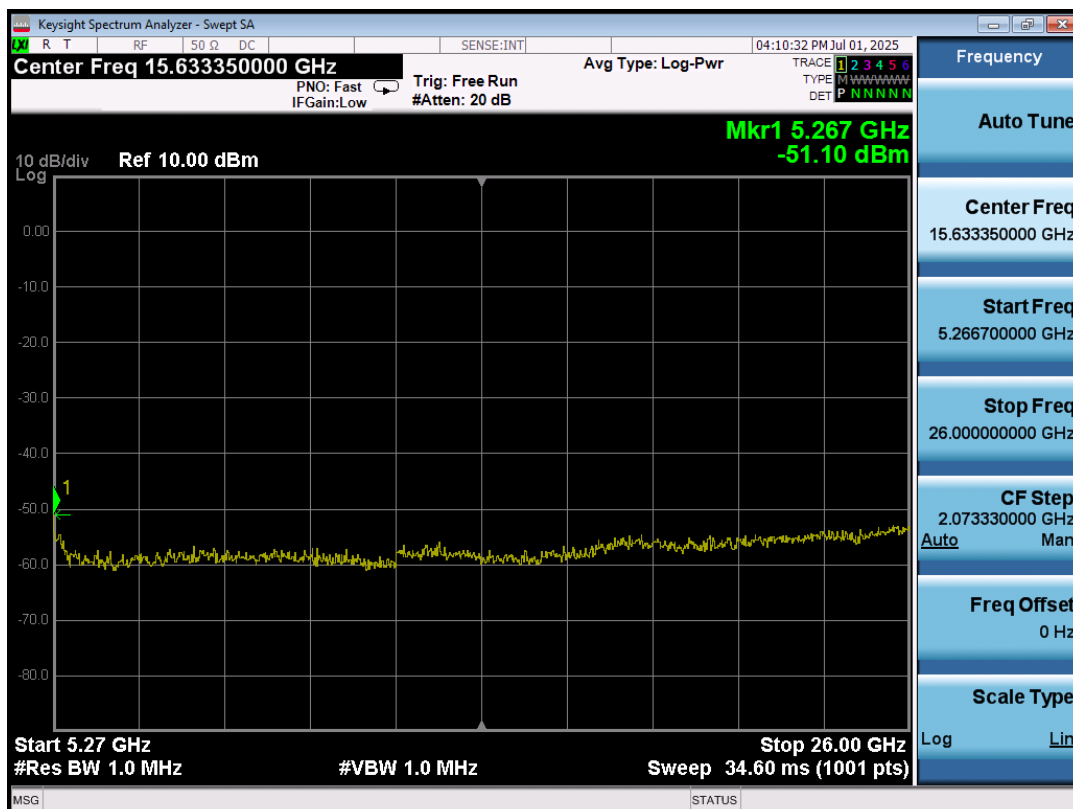
Chain B_Mode 2 : Transmit (802.11ac VHT20) ; 5180MHz : 5251 ~ 5260 MHz



Chain B_Mode 2 : Transmit (802.11ac VHT20) ; 5180MHz : 5260 ~ 5266.7 MHz



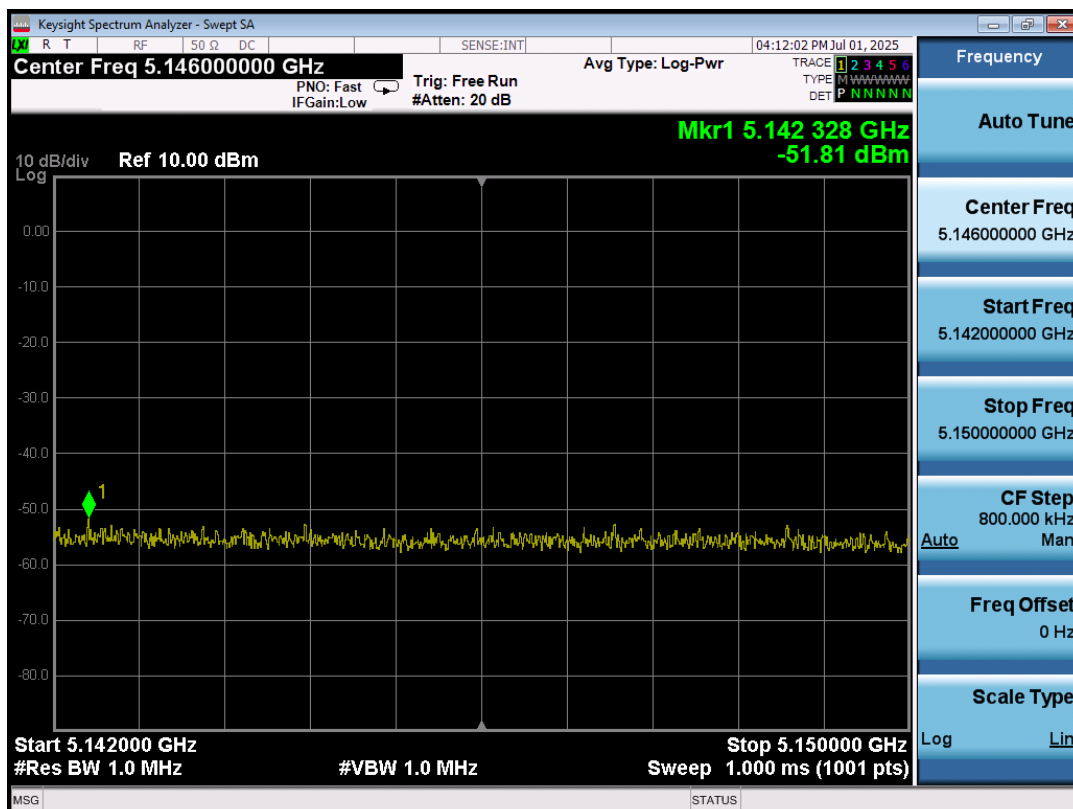
Chain B_Mode 2 : Transmit (802.11ac VHT20) ; 5180MHz : 5266.7 ~ 26000MHz



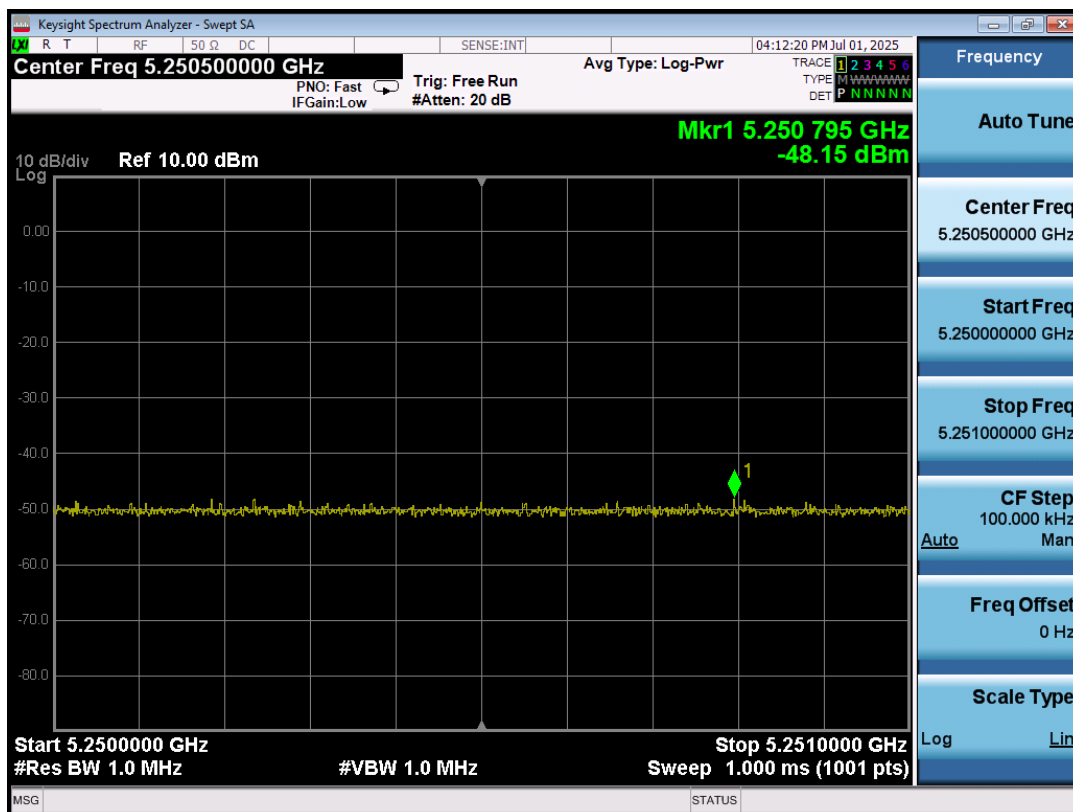
Chain B_Mode 2 : Transmit (802.11ac VHT20) ; 5220MHz : 30 ~ 5142MHz



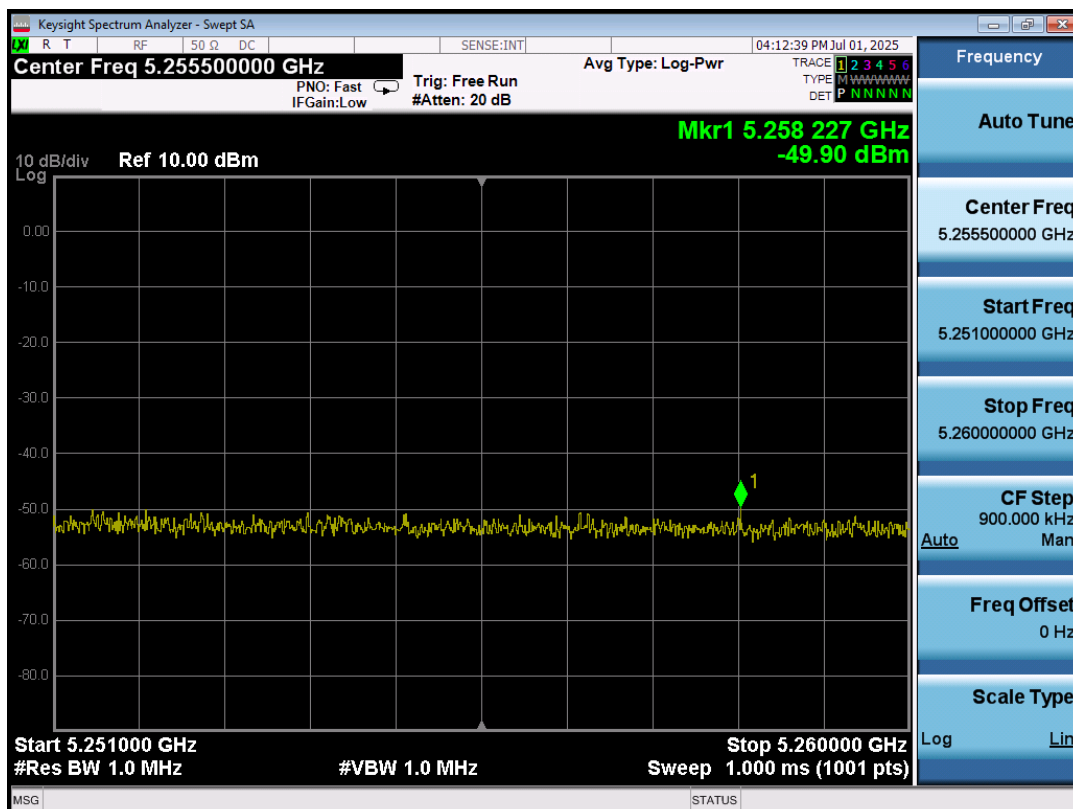
Chain B_Mode 2 : Transmit (802.11ac VHT20) ; 5220MHz : 5142 ~ 5150 MHz



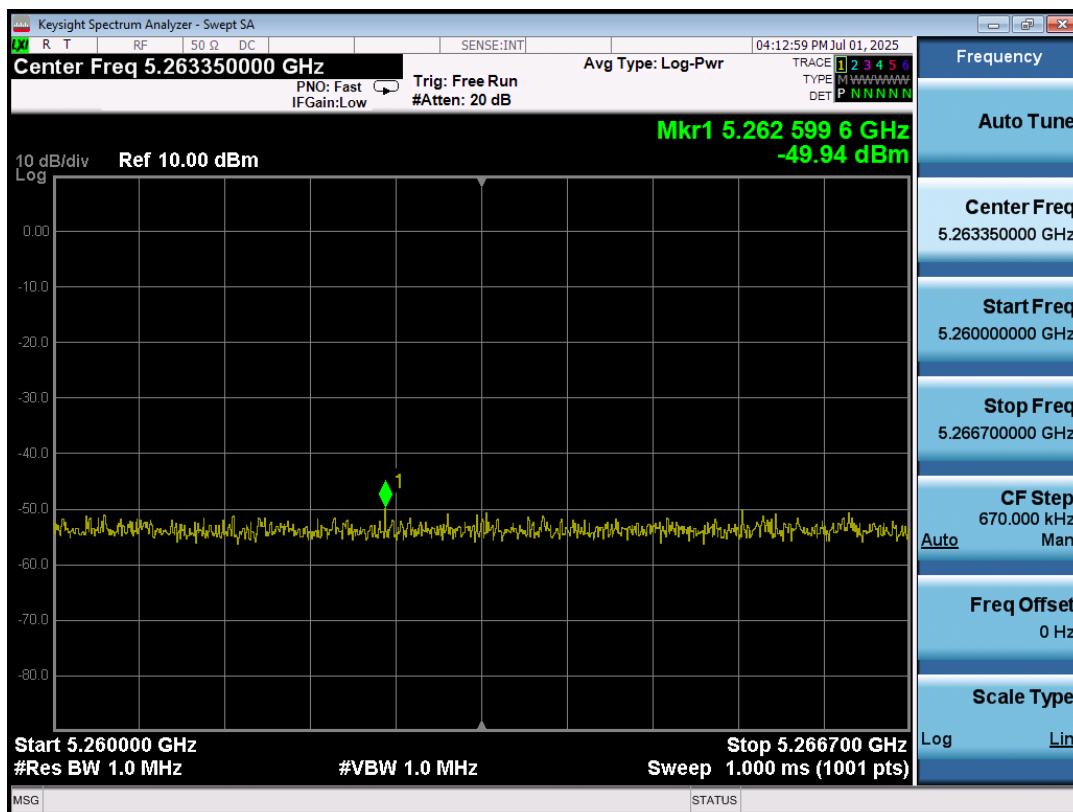
Chain B_Mode 2 : Transmit (802.11ac VHT20) ; 5220MHz : 5250 ~ 5251 MHz



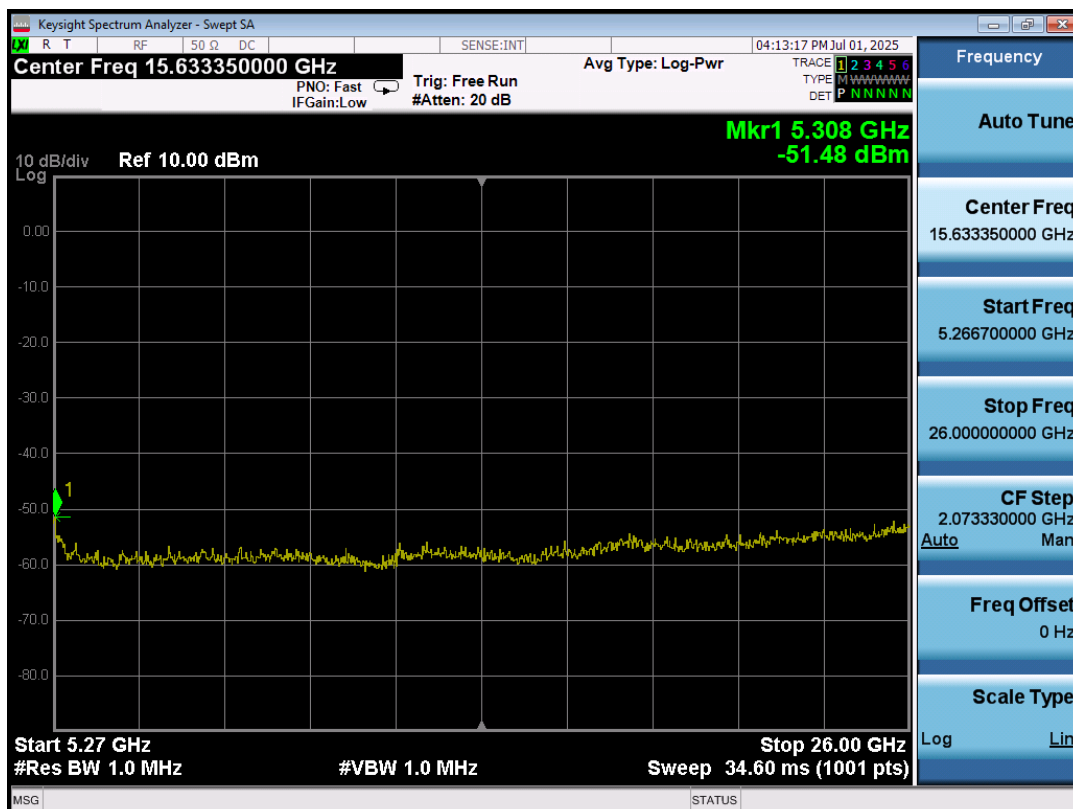
Chain B_Mode 2 : Transmit (802.11ac VHT20) ; 5220MHz : 5251 ~ 5260 MHz



Chain B_Mode 2 : Transmit (802.11ac VHT20) ; 5220MHz : 5260 ~ 5266.7 MHz



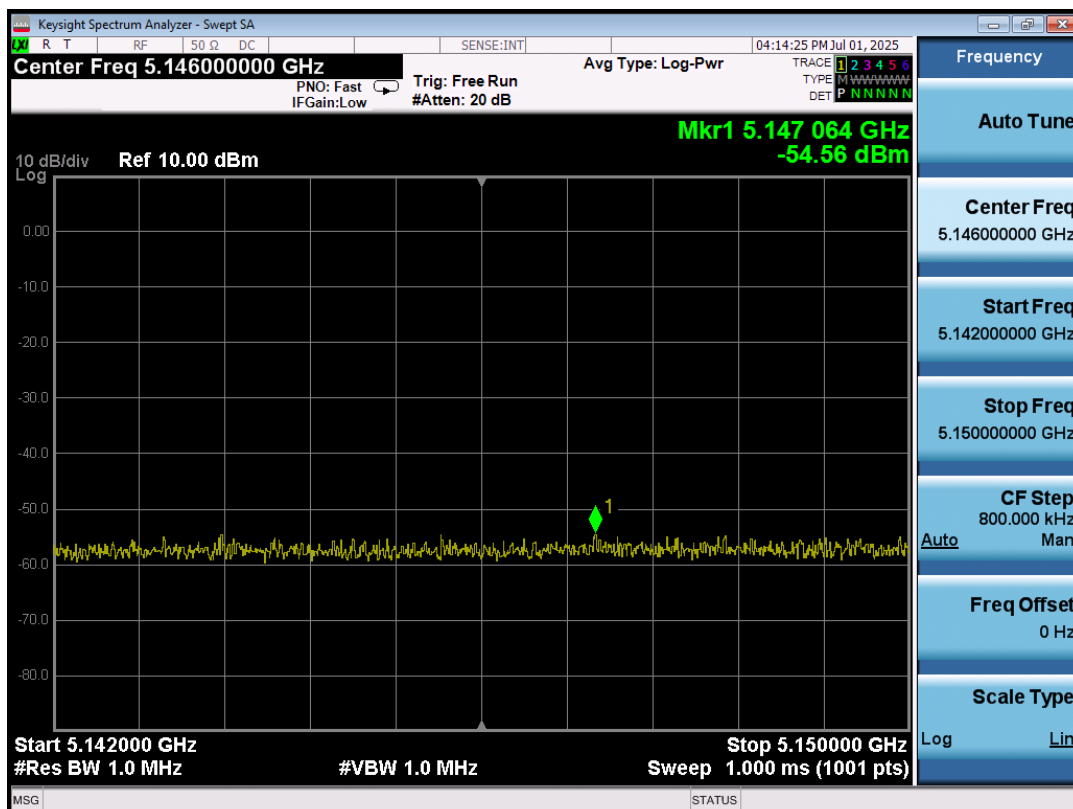
Chain B_Mode 2 : Transmit (802.11ac VHT20) ; 5220MHz : 5266.7 ~ 26000MHz



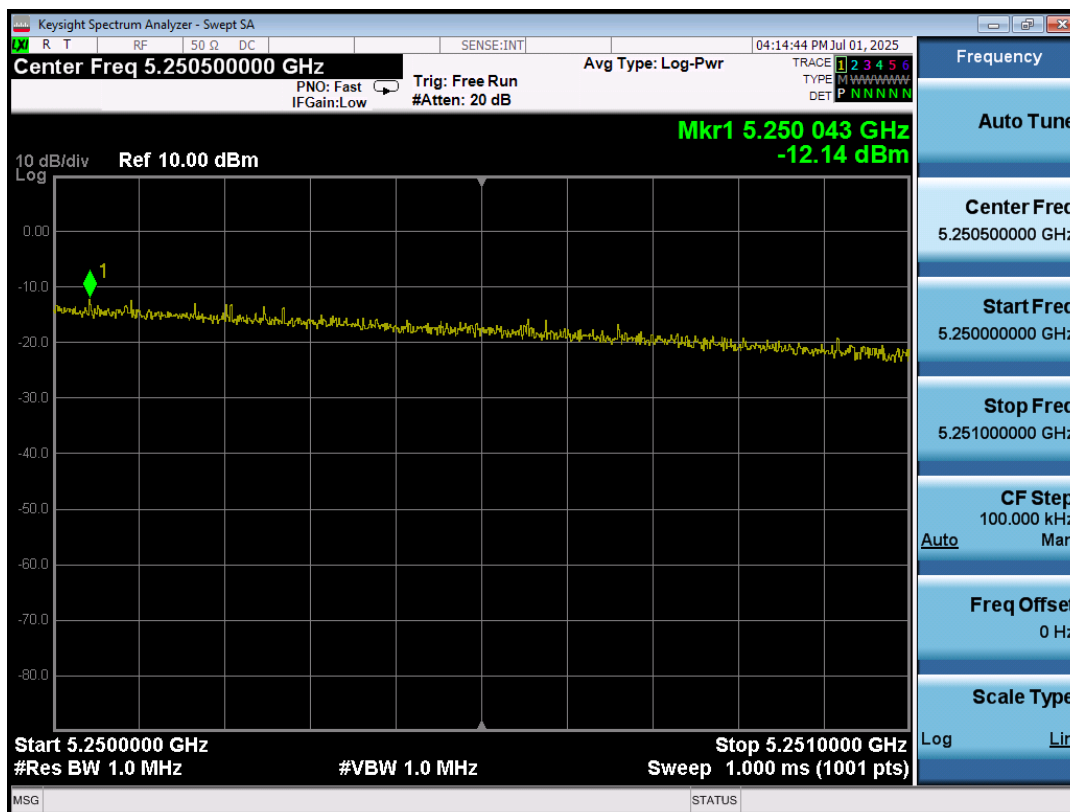
Chain B_Mode 2 : Transmit (802.11ac VHT20) ; 5240MHz : 30 ~ 5142MHz



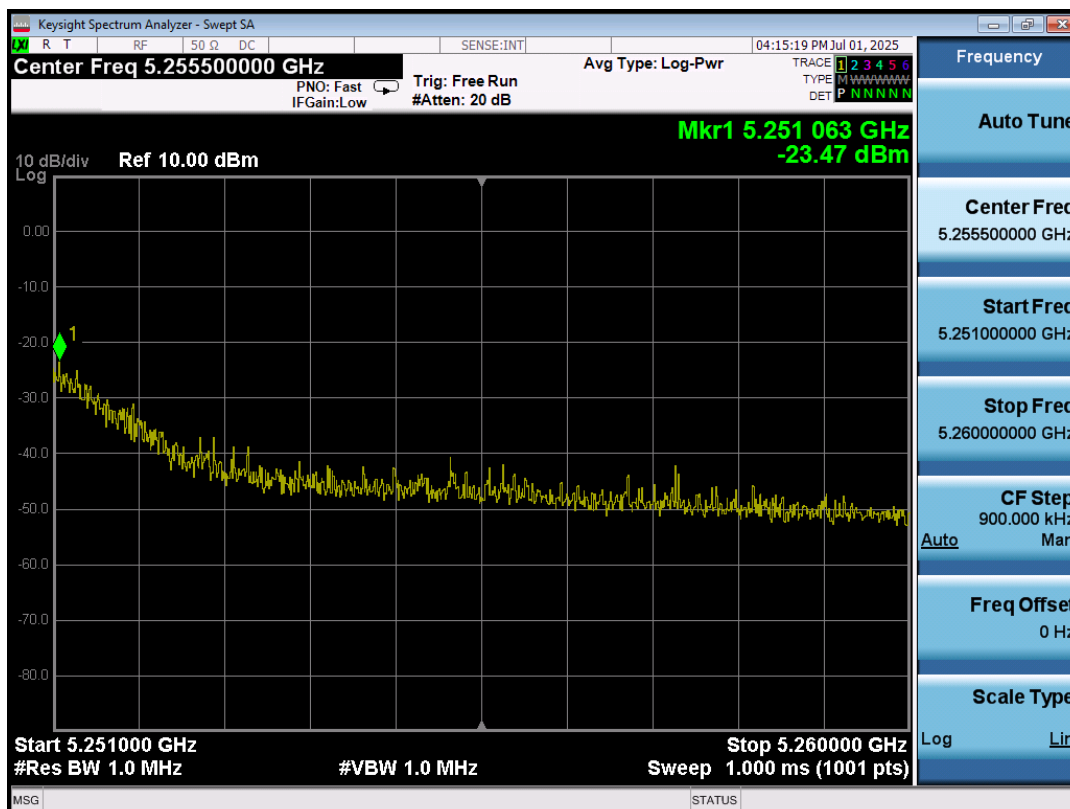
Chain B_Mode 2 : Transmit (802.11ac VHT20) ; 5240MHz : 5142 ~ 5150 MHz



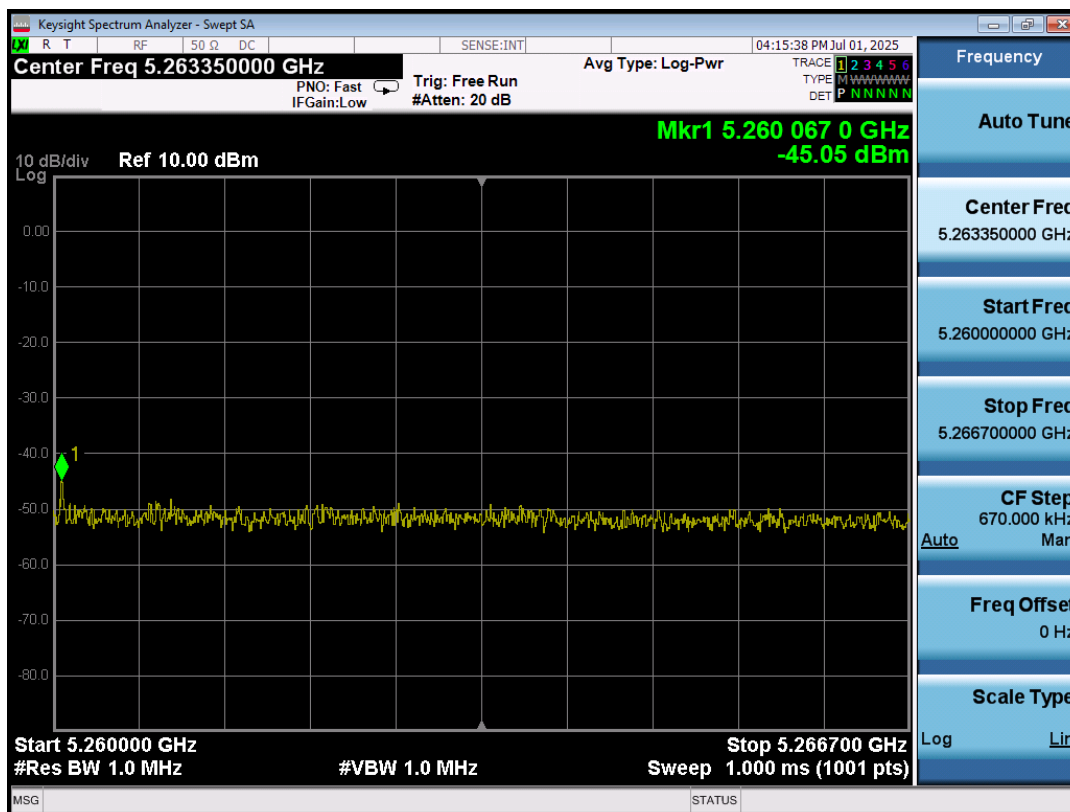
Chain B_Mode 2 : Transmit (802.11ac VHT20) ; 5240MHz : 5250 ~ 5251 MHz



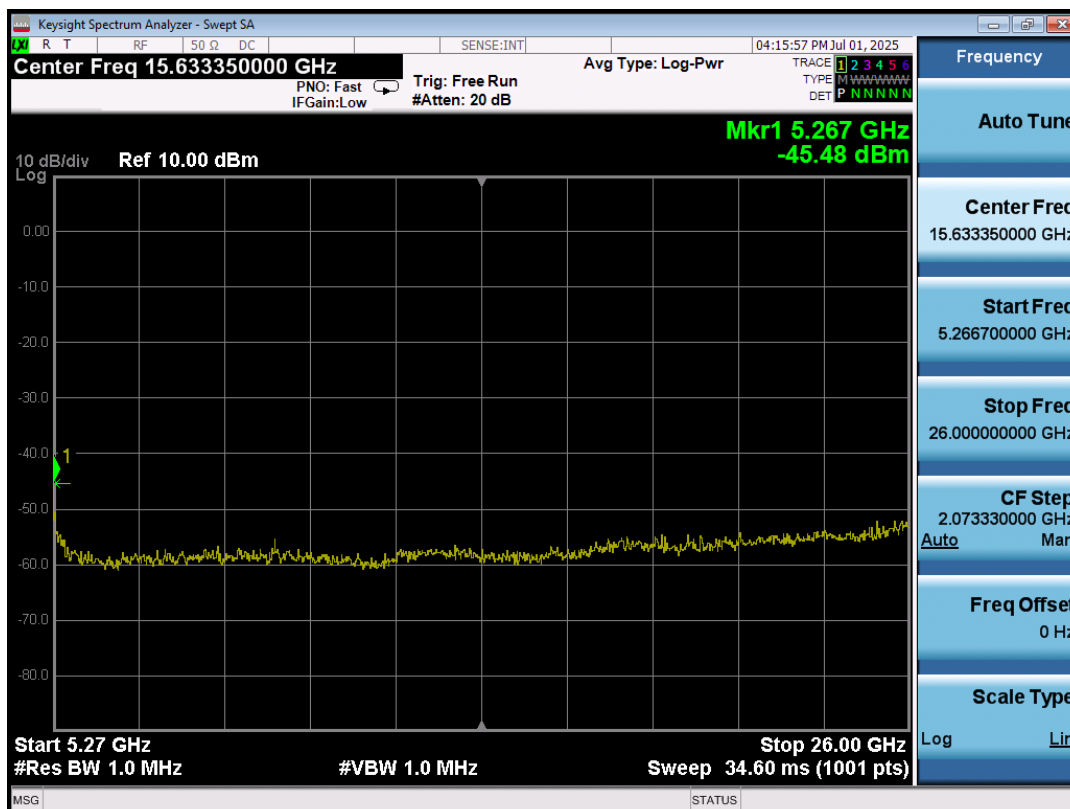
Chain B_Mode 2 : Transmit (802.11ac VHT20) ; 5240MHz : 5251 ~ 5260 MHz



Chain B_Mode 2 : Transmit (802.11ac VHT20) ; 5240MHz : 5260 ~ 5266.7 MHz



Chain B_Mode 2 : Transmit (802.11ac VHT20) ; 5240MHz : 5266.7 ~ 26000MHz



Product : Audio Device
Test Item : Unwanted Emission Strength
Test Mode : Mode 3 : Transmit (802.11ac VHT40)
Test Voltage : 100V

Freq. (MHz)	Test Freq. (MHz)	Chain A		Chain B		Total (μW/MHz)	Limit (μW/MHz)	Result
		dBm/MHz	μW/MHz	dBm/MHz	μW/MHz			
5190	30 ~ 5141.6	-38.43	0.1435	-40.42	0.0908	0.2343	≤ 2.50	Pass
	5141.6 ~ 5150	-32.02	0.6281	-34.28	0.3733	1.0013	≤ 15.00	Pass
	5250 ~ 5251	-42.23	0.0598	-40.29	0.0935	0.1534	≤ 169.81	Pass
	5251 ~ 5270	-44.20	0.0380	-43.35	0.0462	0.0843	≤ 48.82	Pass
	5270 ~ 5278.4	-46.33	0.0233	-47.60	0.0174	0.0407	≤ 4.72	Pass
	5278.4 ~ 26000	-48.17	0.0152	-48.54	0.0140	0.0292	≤ 2.50	Pass
5230	30 ~ 5141.6	-49.73	0.0106	-50.61	0.0087	0.0193	≤ 2.50	Pass
	5141.6 ~ 5150	-48.12	0.0154	-49.13	0.0122	0.0276	≤ 15.00	Pass
	5250 ~ 5251	-16.75	21.1349	-18.79	13.2130	34.3478	≤ 466.63	Pass
	5251 ~ 5270	-28.35	1.4622	-25.85	2.6002	4.0623	≤ 48.19	Pass
	5270 ~ 5278.4	-36.90	0.2042	-29.73	1.0641	1.2683	≤ 7.48	Pass
	5278.4 ~ 26000	-37.67	0.1710	-41.81	0.0659	0.2369	≤ 2.50	Pass

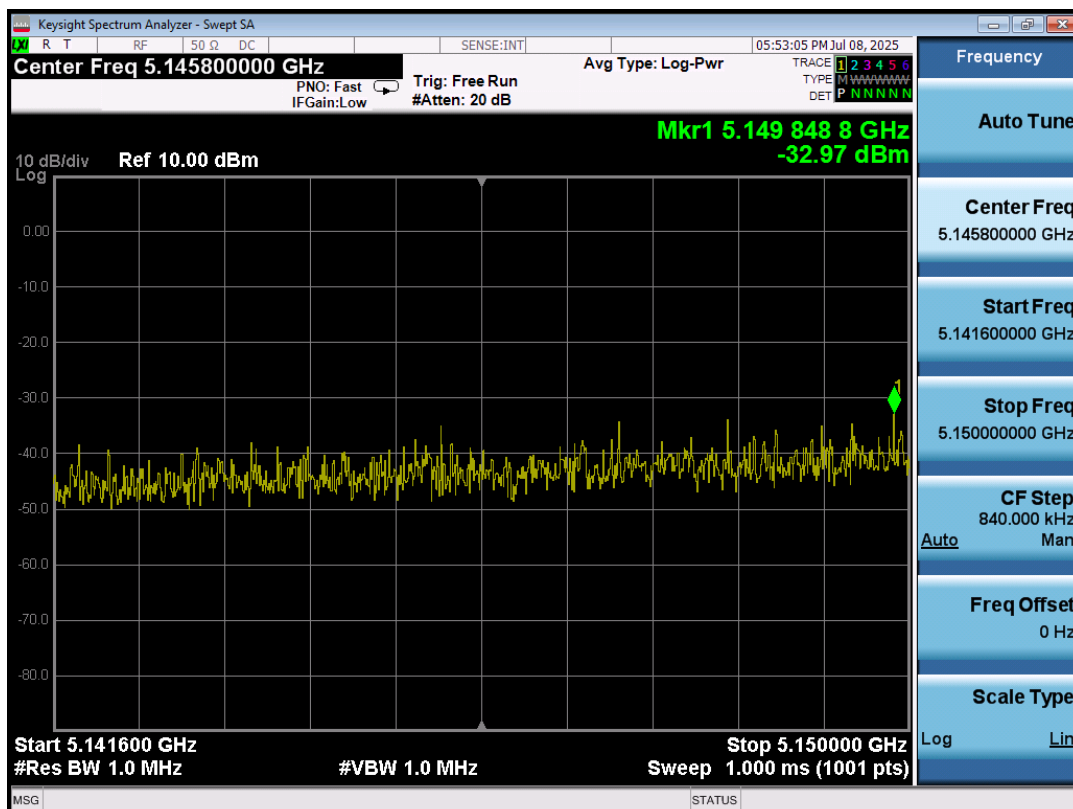
Note:

- (1) The frequency(30~1000MHz) test unit is μW/100kHz : $\mu\text{W}/\text{MHz} = \text{Measured Value}(\mu\text{W}/100\text{kHz}) * 10$
- (2) Actual value = Reading value + cable loss
- (3) The spectrum plots are attached on the following pages.

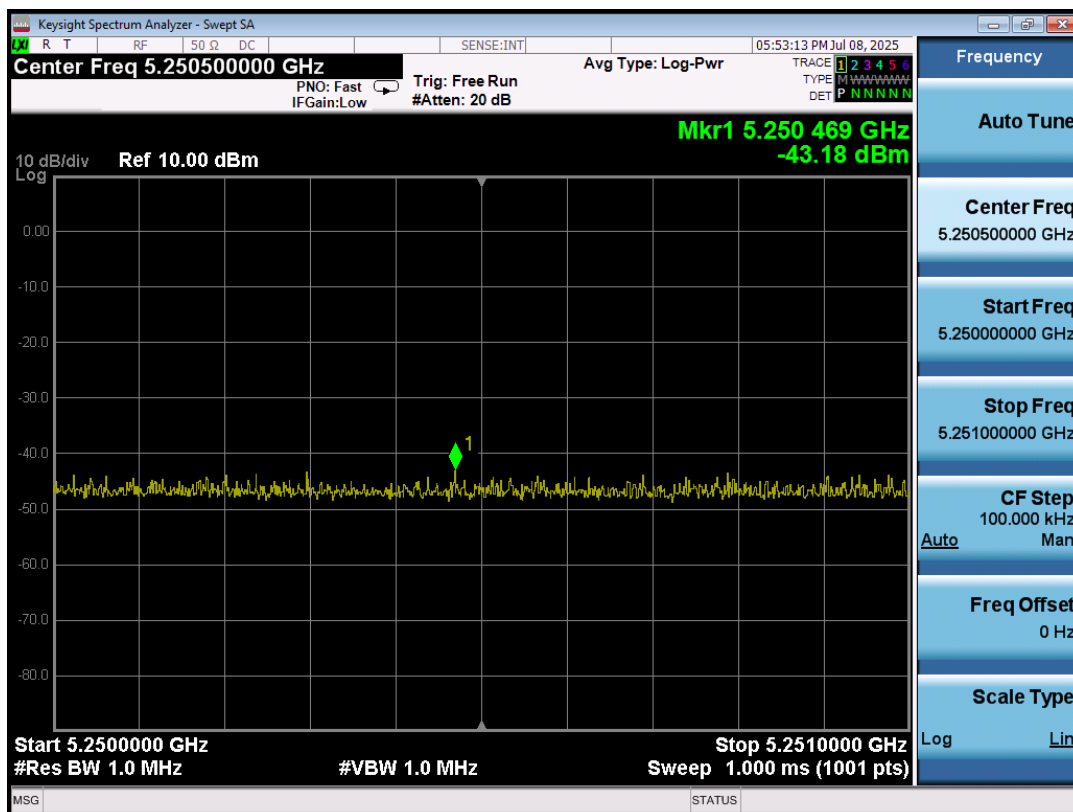
Chain A_Mode 3 : Transmit (802.11ac VHT40) ; 5190MHz : 30MHz ~ 5141.6MHz



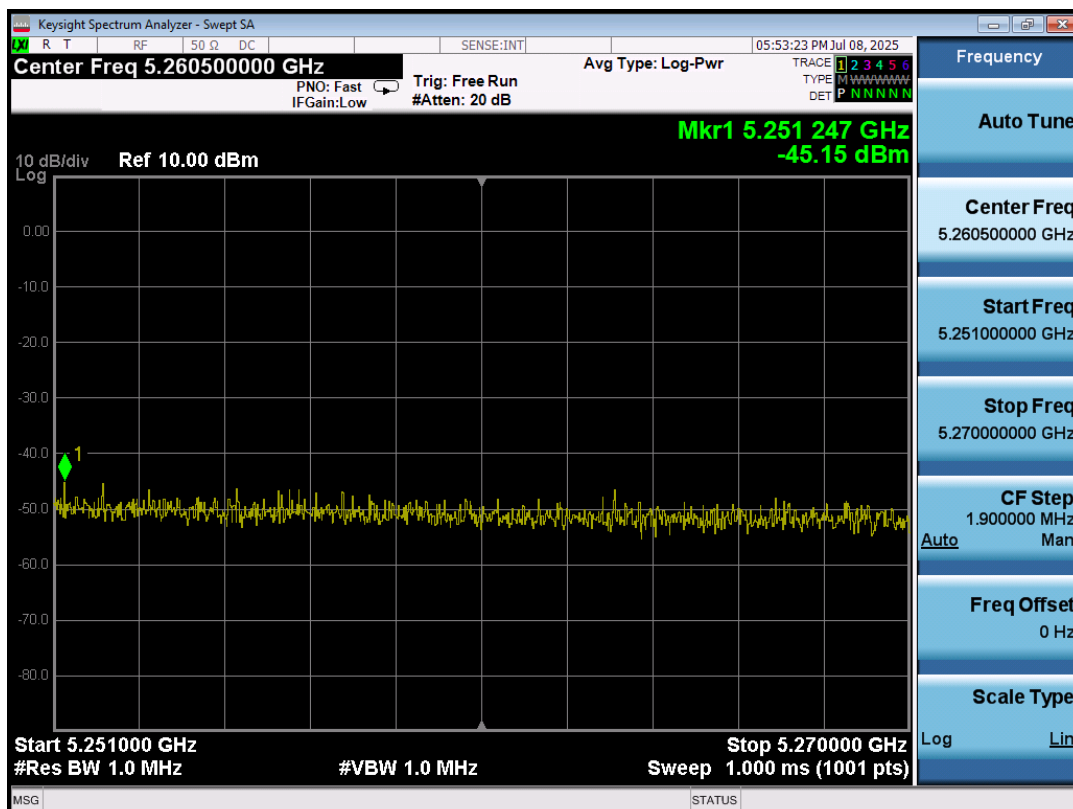
Chain A_Mode 3 : Transmit (802.11ac VHT40) ; 5190MHz : 5141.6 ~ 5150MHz



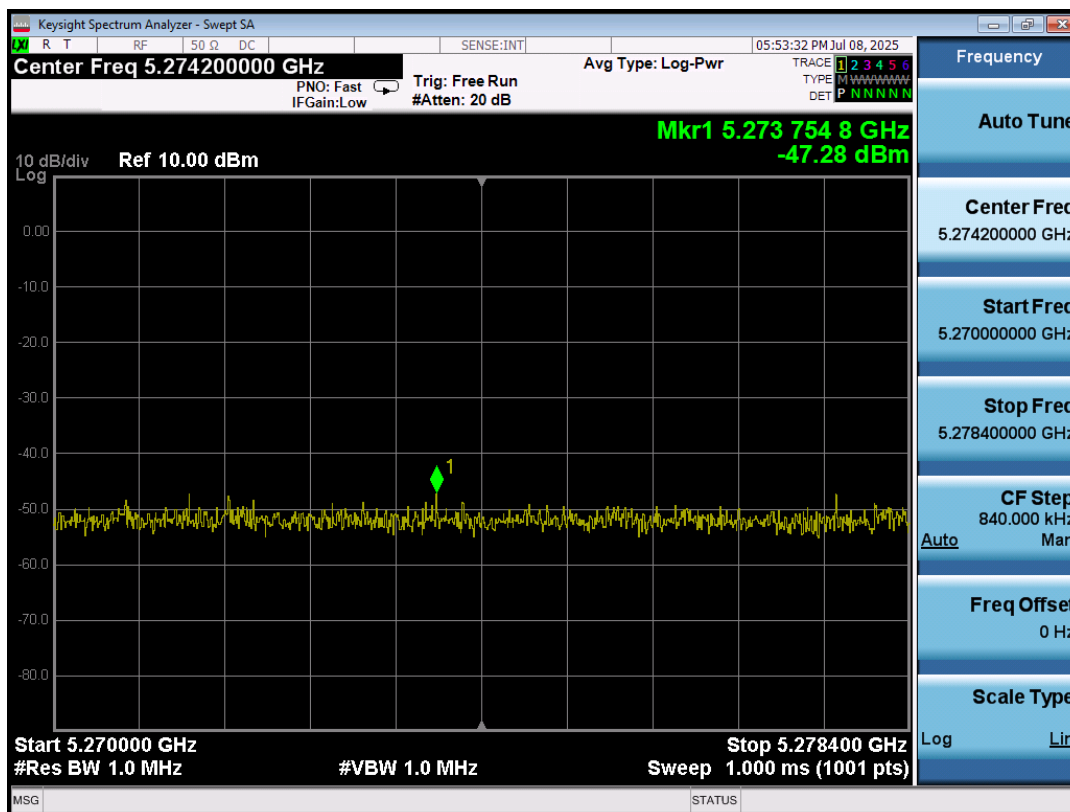
Chain A_Mode 3 : Transmit (802.11ac VHT40) ; 5190MHz : 5250 ~ 5251MHz



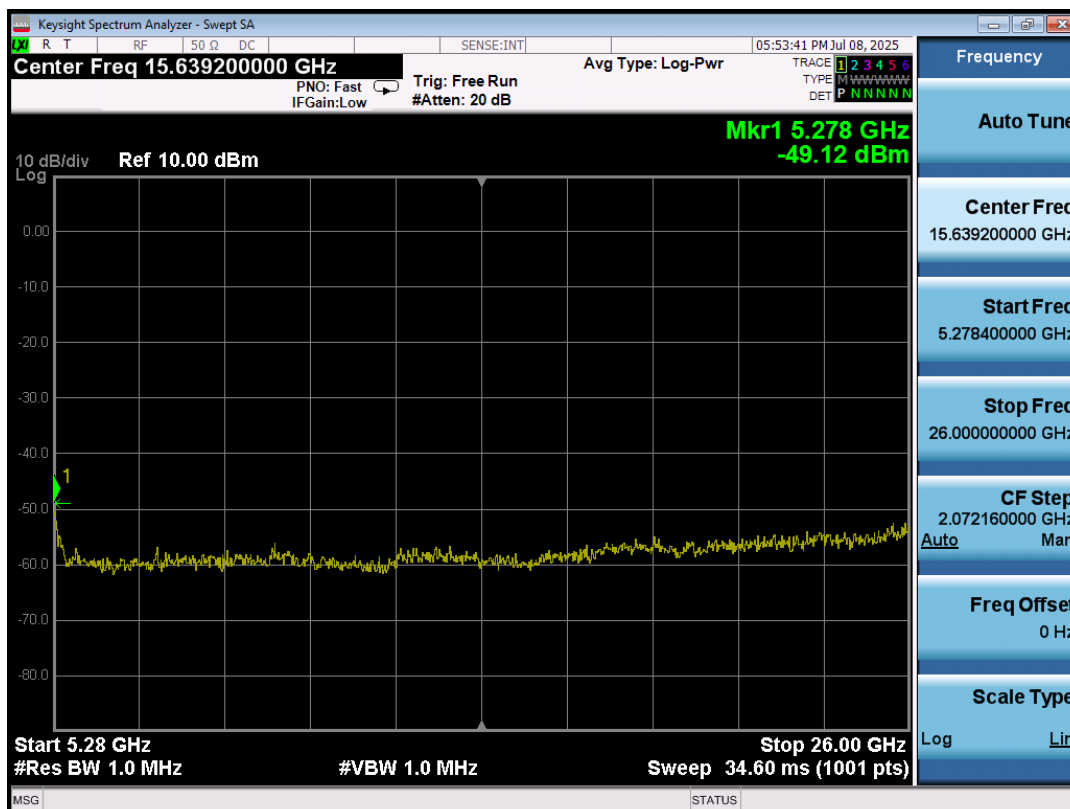
Chain A_Mode 3 : Transmit (802.11ac VHT40) ; 5190MHz : 5251 ~ 5270MHz



Chain A_Mode 3 : Transmit (802.11ac VHT40) ; 5190MHz : 5270 ~ 5278.4MHz



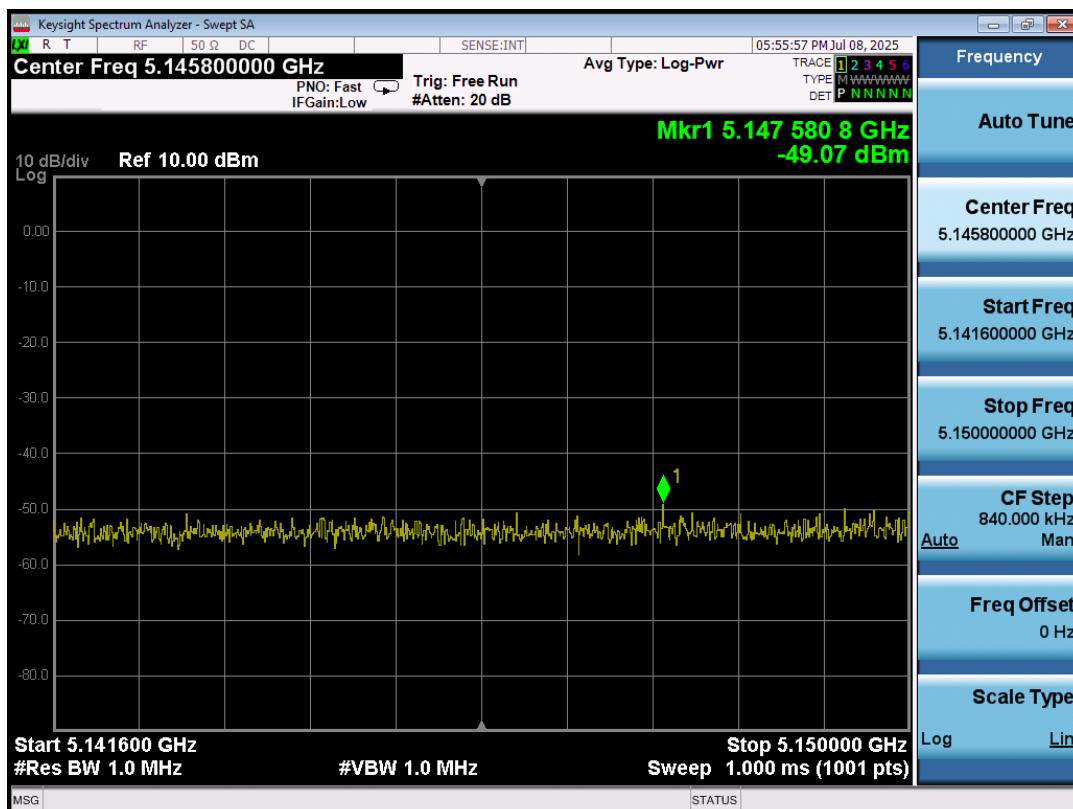
Chain A_Mode 3 : Transmit (802.11ac VHT40) ; 5190MHz : 5278.4MHz ~ 26000MHz



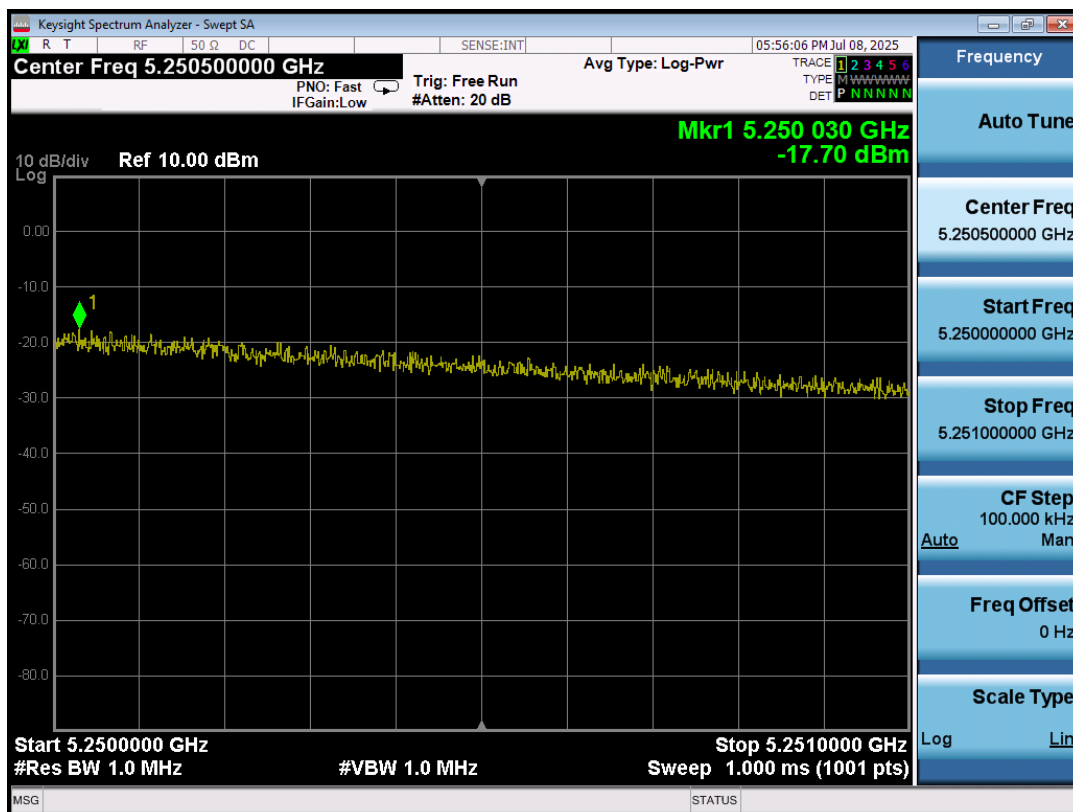
Chain A_Mode 3 : Transmit (802.11ac VHT40) ; 5230MHz : 30MHz ~ 5141.6MHz



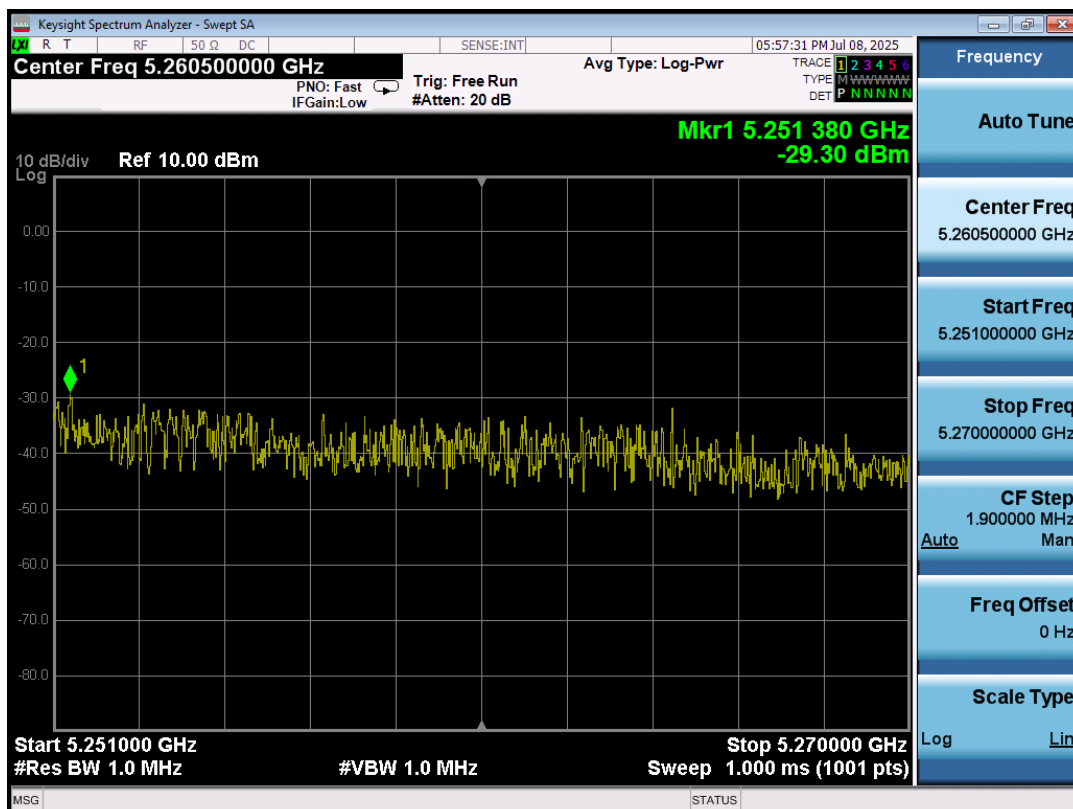
Chain A_Mode 3 : Transmit (802.11ac VHT40) ; 5230MHz : 5141.6 ~ 5150MHz



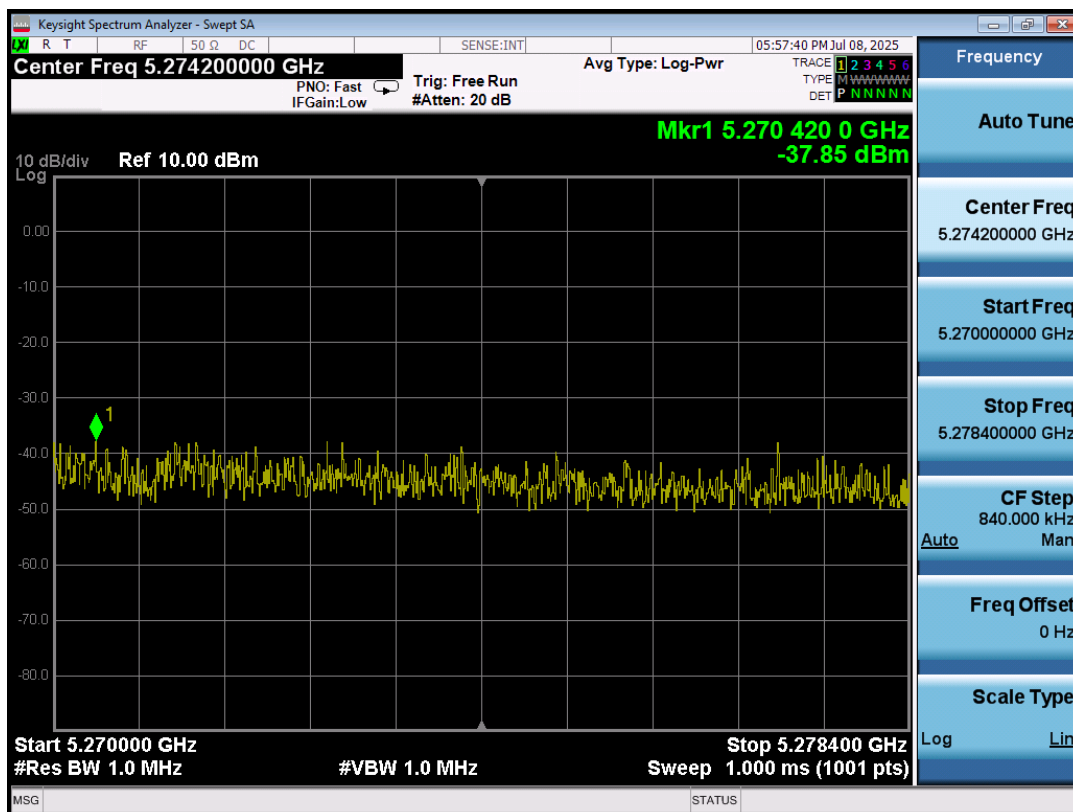
Chain A_Mode 3 : Transmit (802.11ac VHT40) ; 5230MHz : 5250 ~ 5251MHz



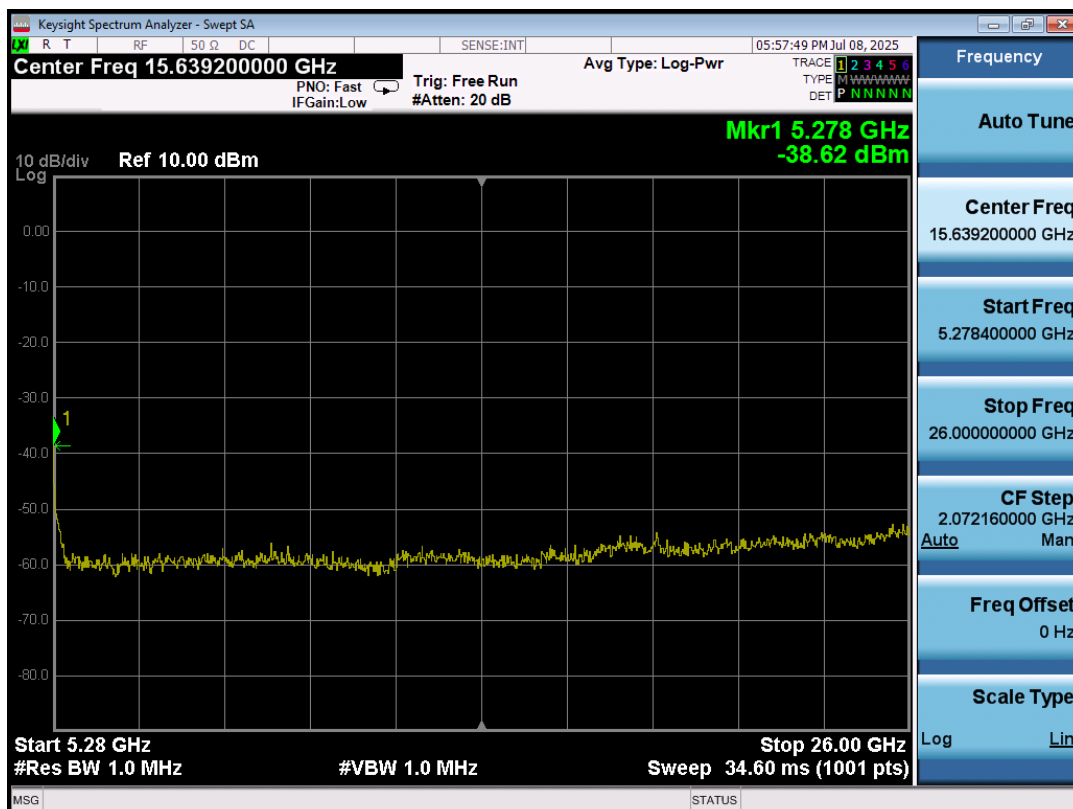
Chain A_Mode 3 : Transmit (802.11ac VHT40) ; 5230MHz : 5251 ~ 5270MHz



Chain A_Mode 3 : Transmit (802.11ac VHT40) ; 5230MHz : 5270 ~ 5278.4MHz



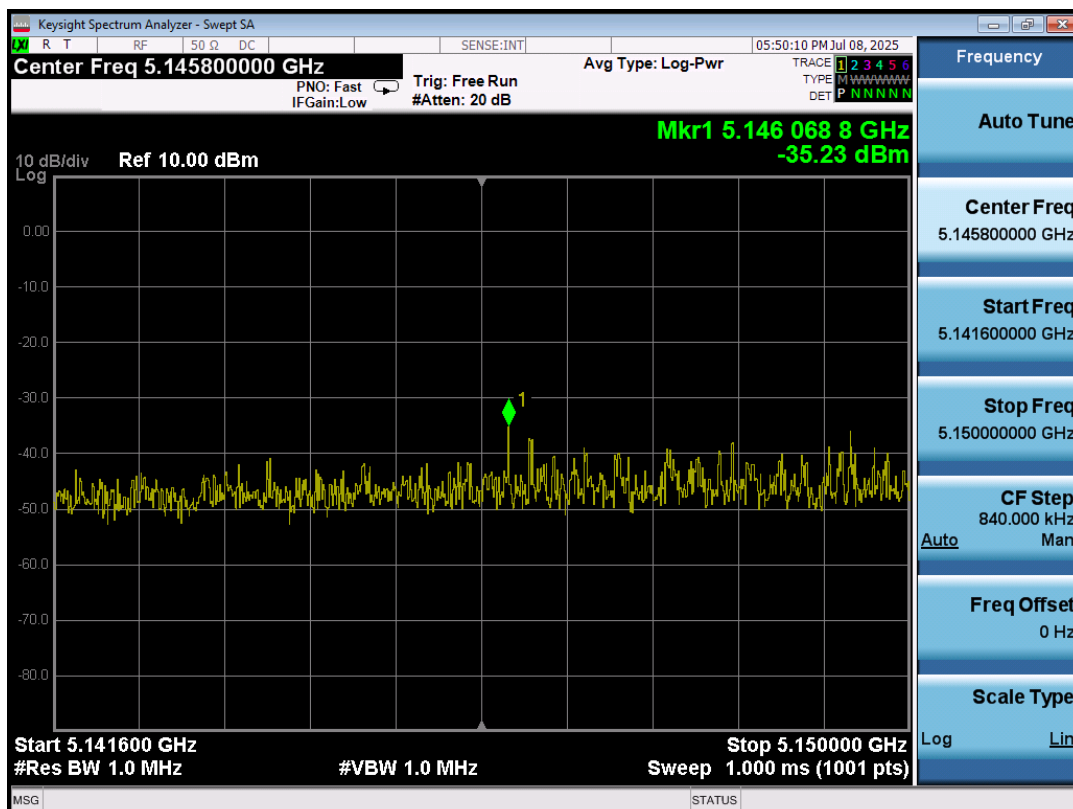
Chain A_Mode 3 : Transmit (802.11ac VHT40) ; 5230MHz : 5278.4MHz ~ 26000MHz



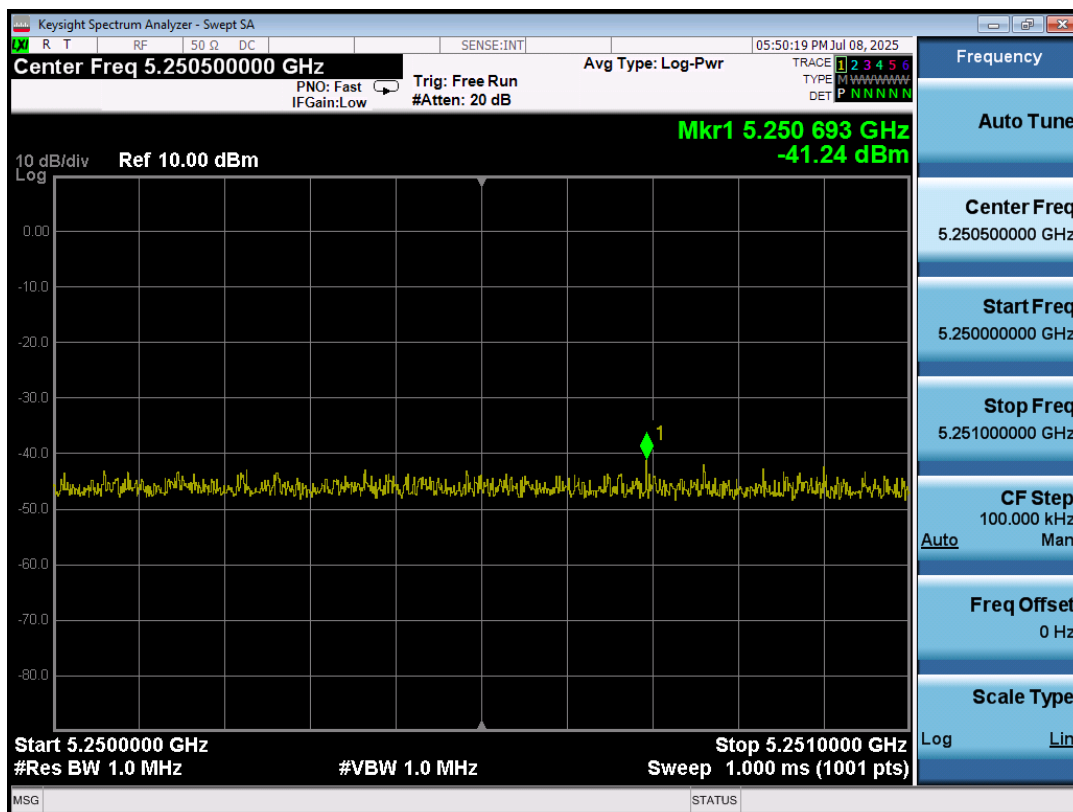
Chain B_Mode 3 : Transmit (802.11ac VHT40) ; 5190MHz : 30MHz ~ 5141.6MHz



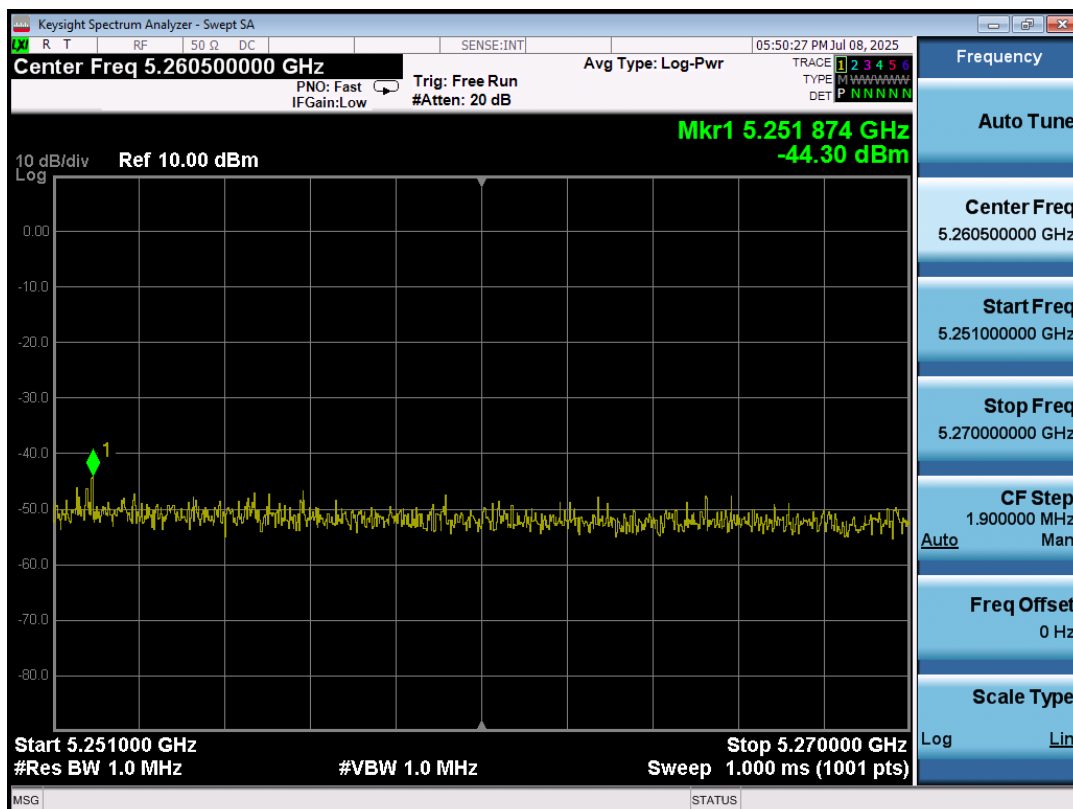
Chain B_Mode 3 : Transmit (802.11ac VHT40) ; 5190MHz : 5141.6 ~ 5150MHz



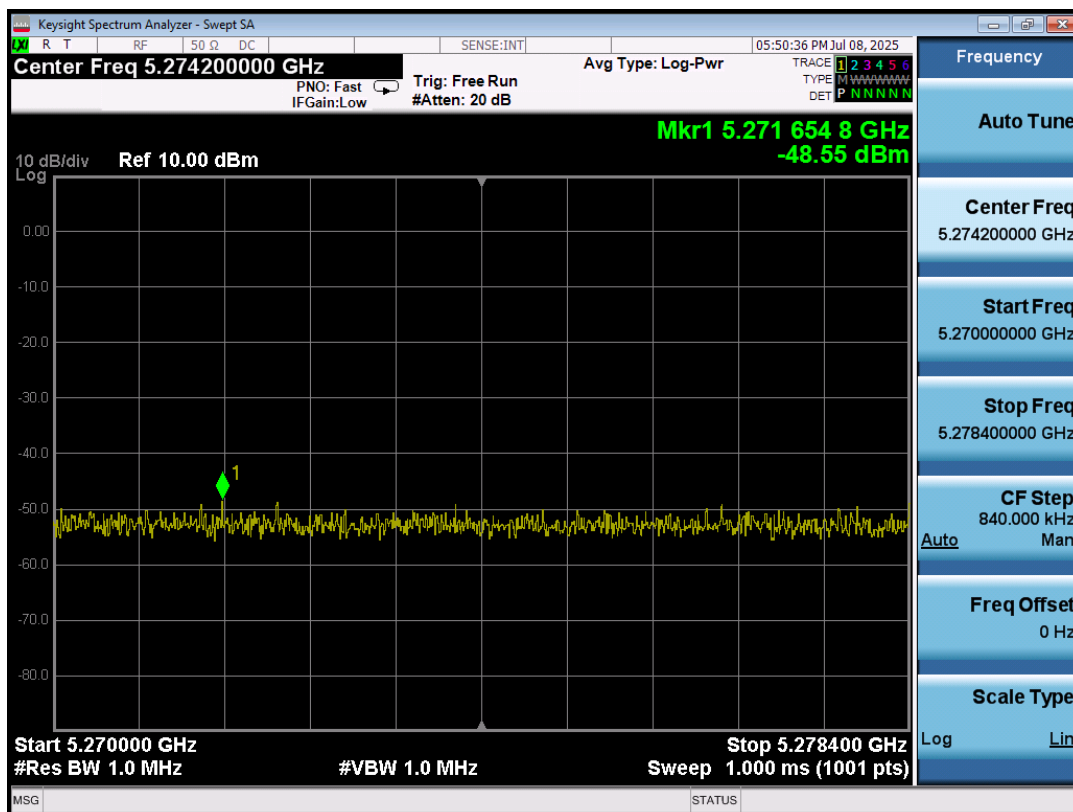
Chain B_Mode 3 : Transmit (802.11ac VHT40) ; 5190MHz : 5250 ~ 5251MHz



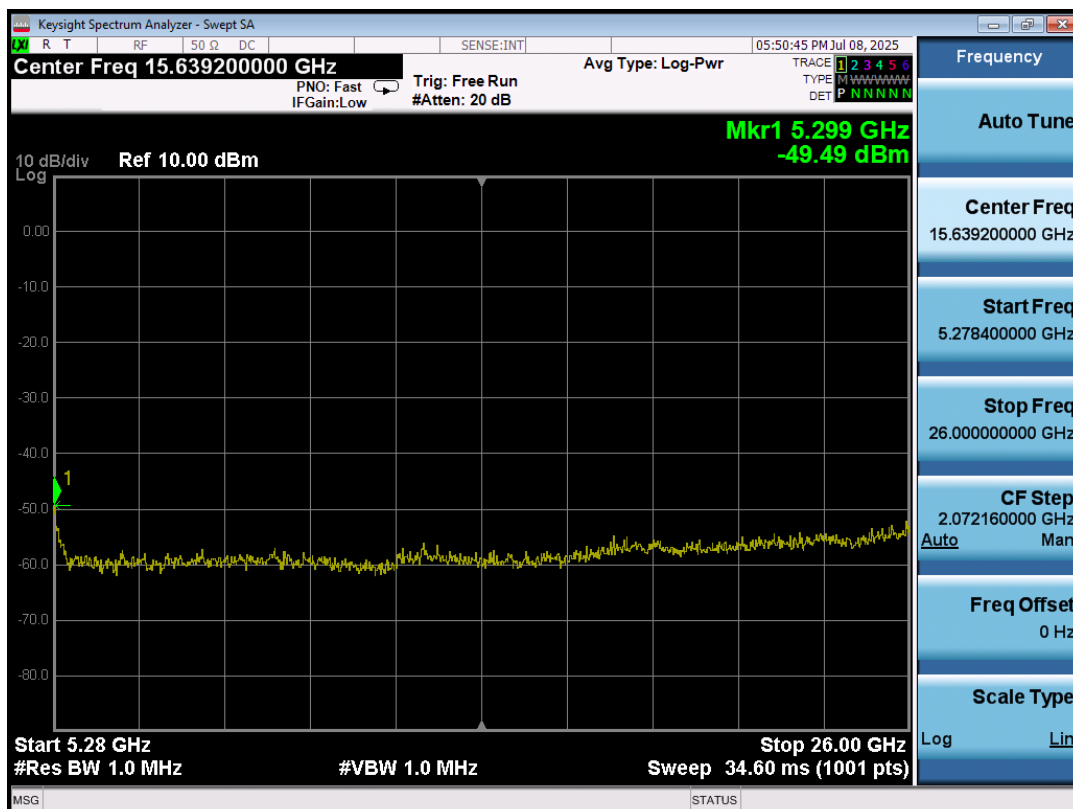
Chain B_Mode 3 : Transmit (802.11ac VHT40) ; 5190MHz : 5251 ~ 5270MHz



Chain B_Mode 3 : Transmit (802.11ac VHT40) ; 5190MHz : 5270 ~ 5278.4MHz



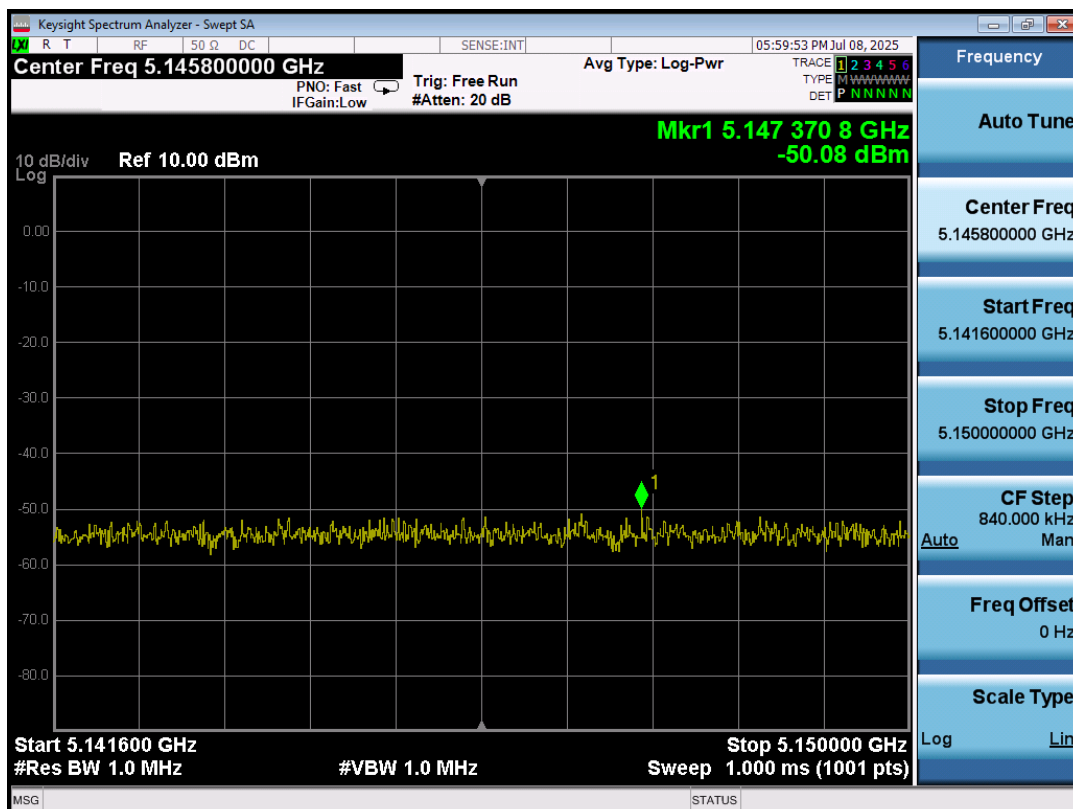
Chain B_Mode 3 : Transmit (802.11ac VHT40) ; 5190MHz : 5278.4MHz ~ 26000MHz



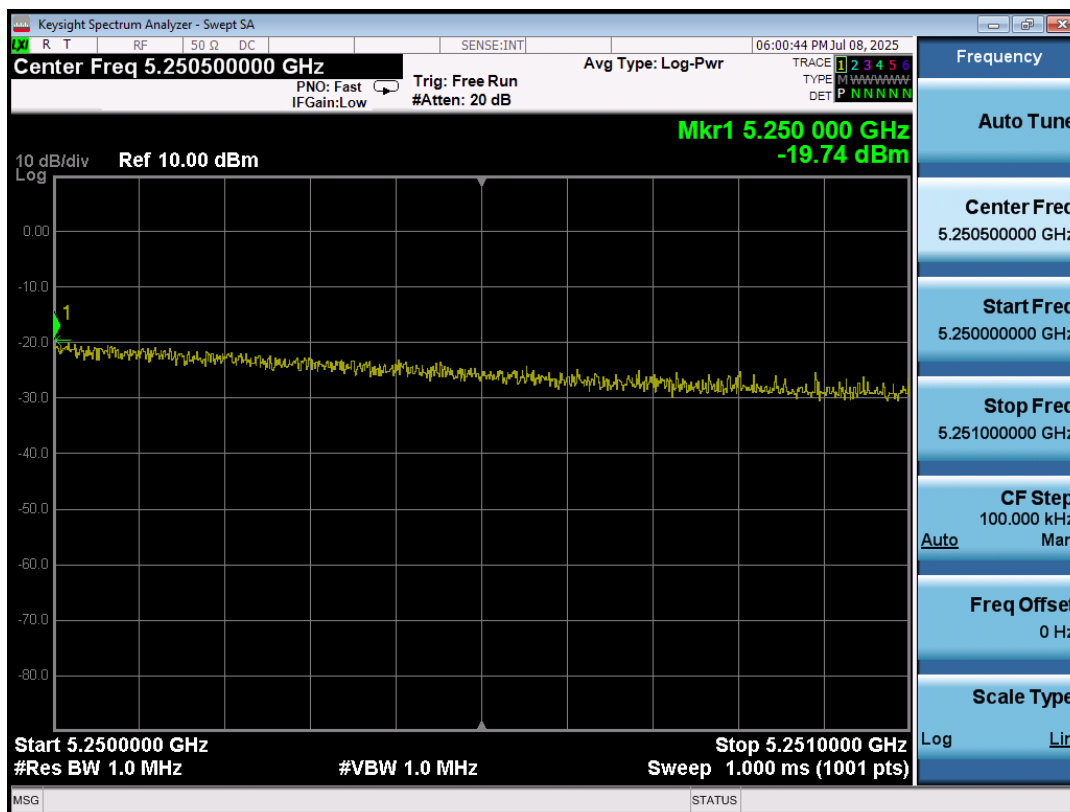
Chain B_Mode 3 : Transmit (802.11ac VHT40) ; 5230MHz : 30MHz ~ 5141.6MHz



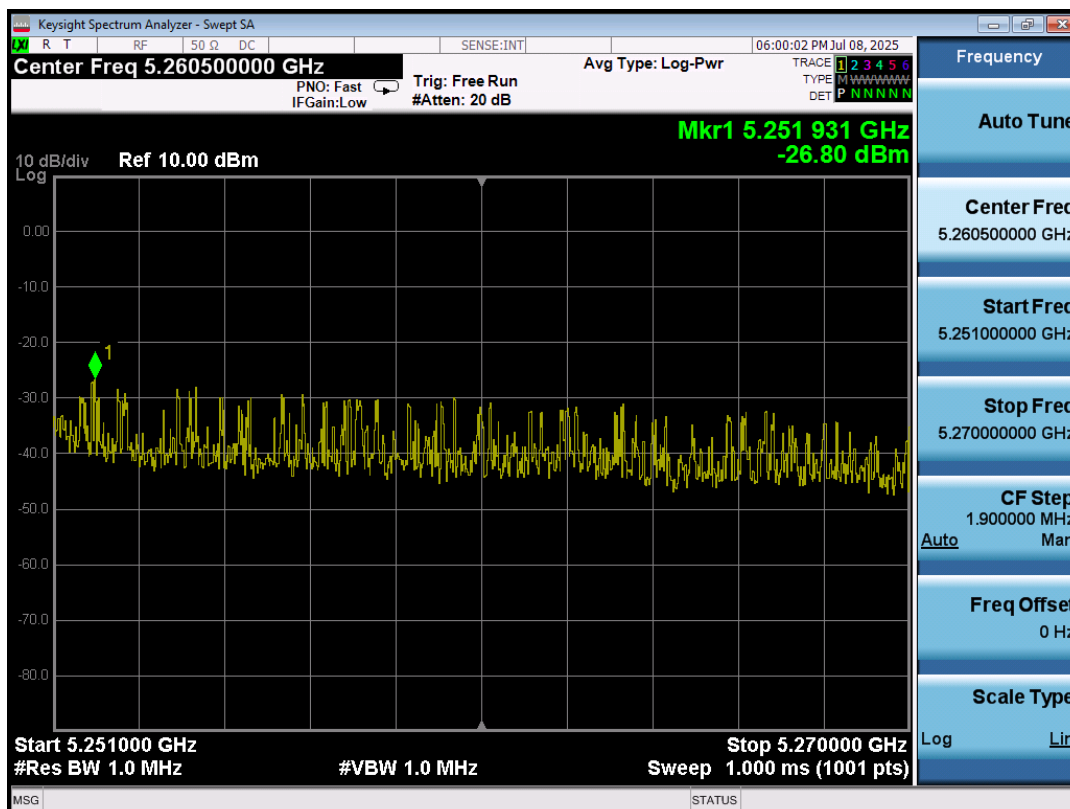
Chain B_Mode 3 : Transmit (802.11ac VHT40) ; 5230MHz : 5141.6 ~ 5150MHz



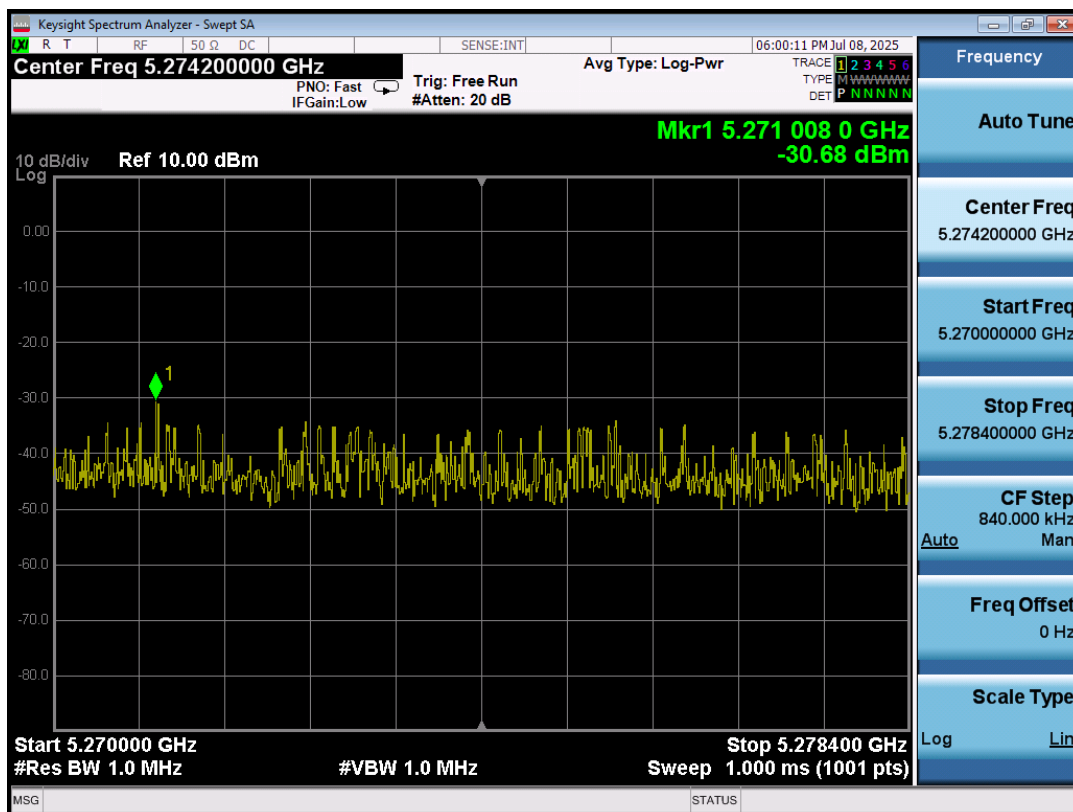
Chain B_Mode 3 : Transmit (802.11ac VHT40) ; 5230MHz : 5250 ~ 5251MHz



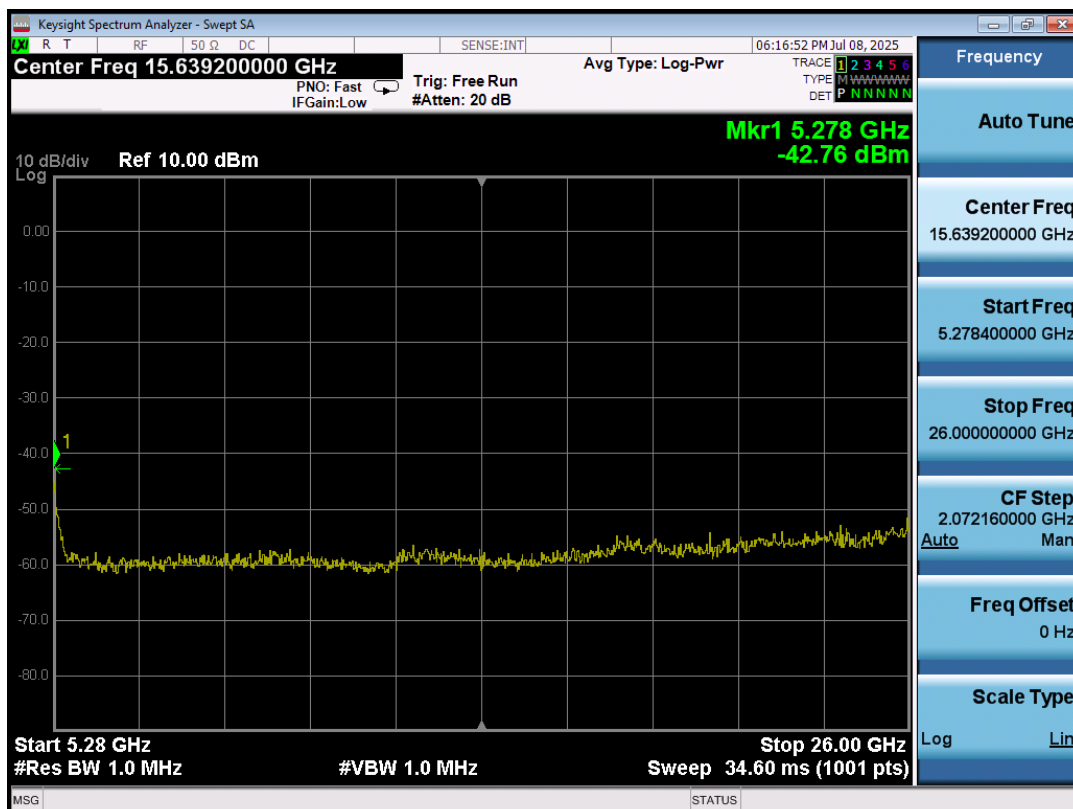
Chain B_Mode 3 : Transmit (802.11ac VHT40) ; 5230MHz : 5251 ~ 5270MHz



Chain B_Mode 3 : Transmit (802.11ac VHT40) ; 5230MHz : 5270 ~ 5278.4MHz



Chain B_Mode 3 : Transmit (802.11ac VHT40) ; 5230MHz : 5278.4MHz ~ 26000MHz



Product : Audio Device
Test Item : Unwanted Emission Strength
Test Mode : Mode 4 : Transmit (802.11ac VHT80)
Test Voltage : 100V

Freq. (MHz)	Test Freq. (MHz)	Chain A		Chain B		Total (μW/MHz)	Limit (μW/MHz)	Result
		dBm/MHz	μW/MHz	dBm/MHz	μW/MHz			
5210	30 ~ 5123.2	-42.91	0.0512	-39.05	0.1245	0.1756	≤ 2.50	Pass
	5123.2 ~ 5150	-34.83	0.3289	-35.24	0.2992	0.6281	≤ 15.00	Pass
	5250 ~ 5251	-17.95	16.0325	-18.91	12.8529	28.8853	≤ 222.30	Pass
	5251 ~ 5290	-28.49	1.4158	-30.22	0.9506	2.3664	≤ 24.77	Pass
	5290 ~ 5296.7	-39.47	0.1130	-39.87	0.1030	0.2160	≤ 2.60	Pass
	5296.7 ~ 26000	-39.43	0.1140	-42.33	0.0585	0.1725	≤ 2.50	Pass

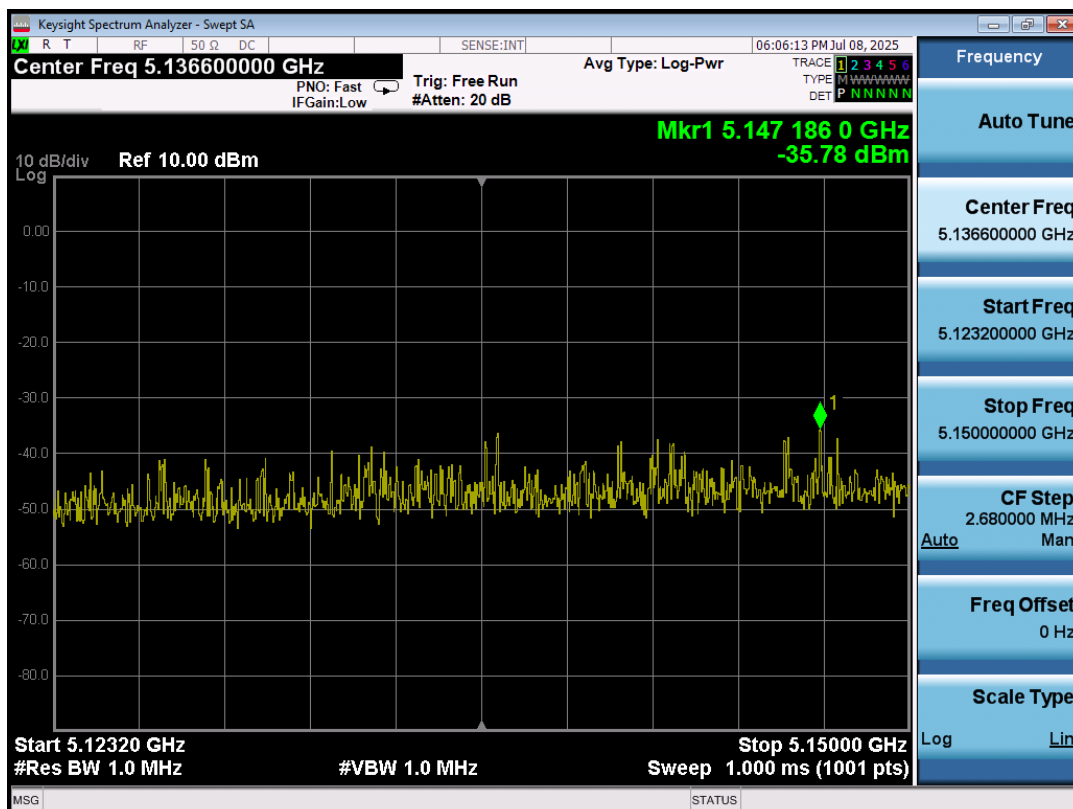
Note:

- (1) The frequency(30~1000MHz) test unit is μW/100kHz : $\mu\text{W}/\text{MHz} = \text{Measured Value}(\mu\text{W}/100\text{kHz}) * 10$
- (2) Actual value = Reading value + cable loss
- (3) The spectrum plots are attached on the following pages.

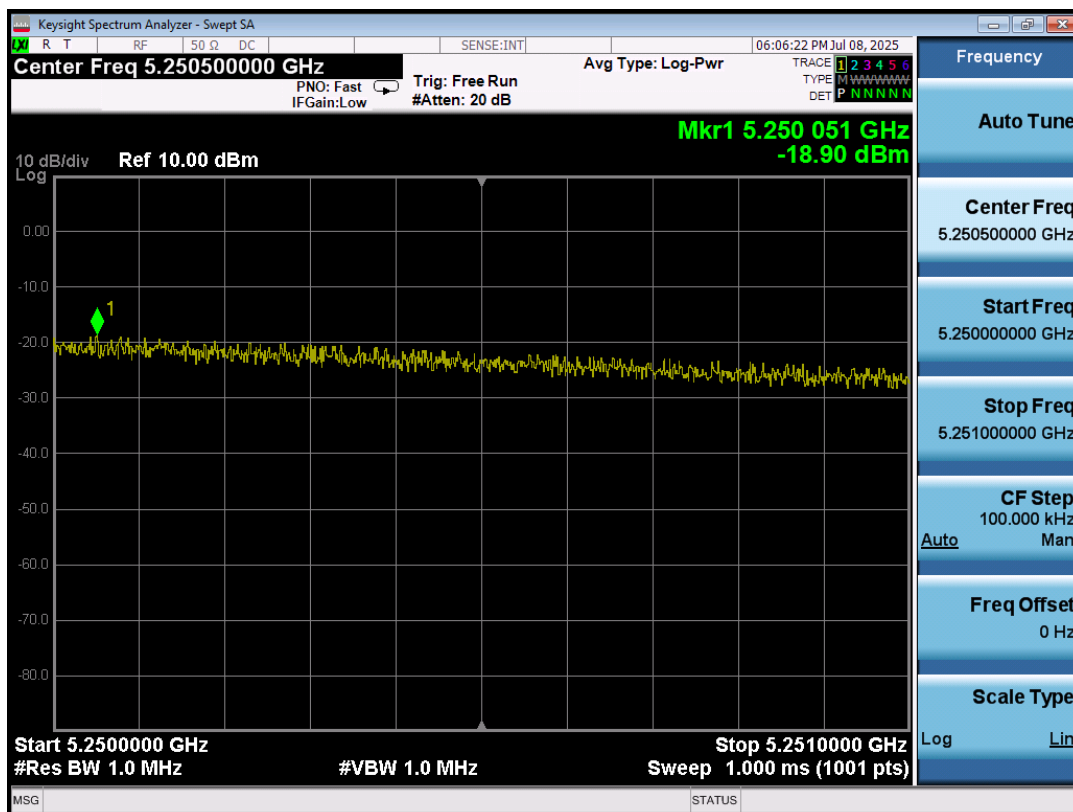
Chain A_Mode 4 : Transmit (802.11ac VHT80) ; 5210MHz : 30MHz ~ 5123.2MHz



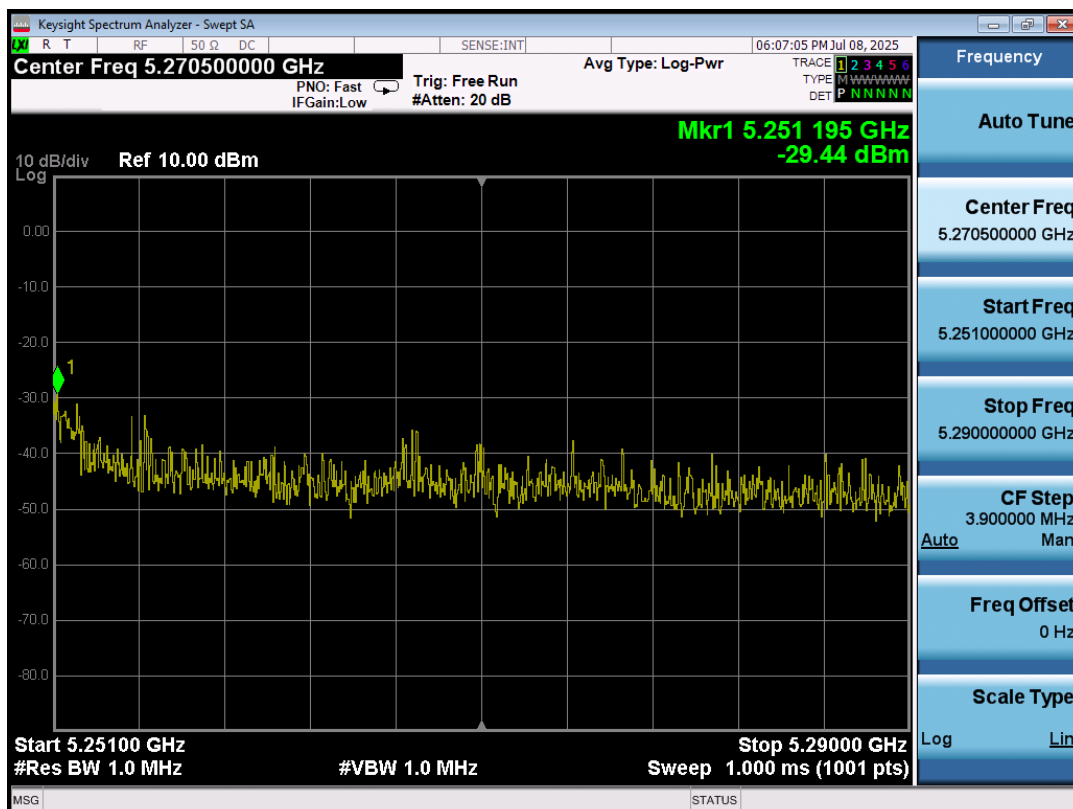
Chain A_Mode 4 : Transmit (802.11ac VHT80) ; 5210MHz : 5123.2 ~ 5150MHz



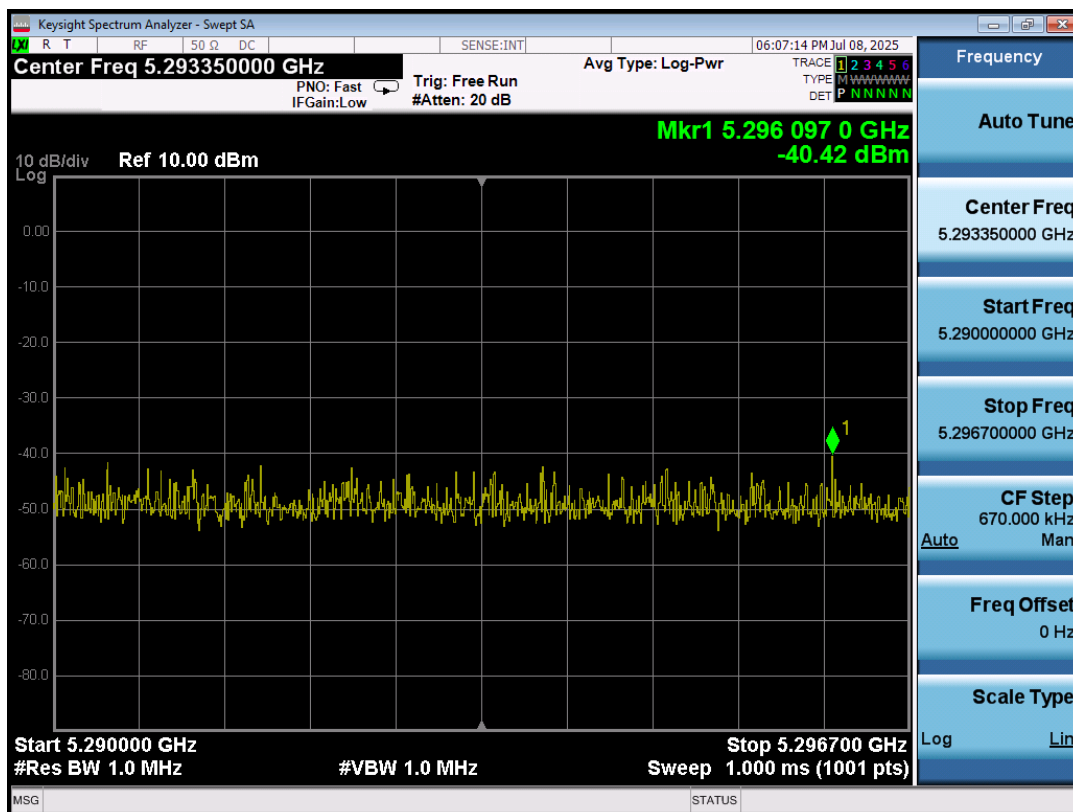
Chain A_Mode 4 : Transmit (802.11ac VHT80) ; 5210MHz : 5250 ~ 5251MHz



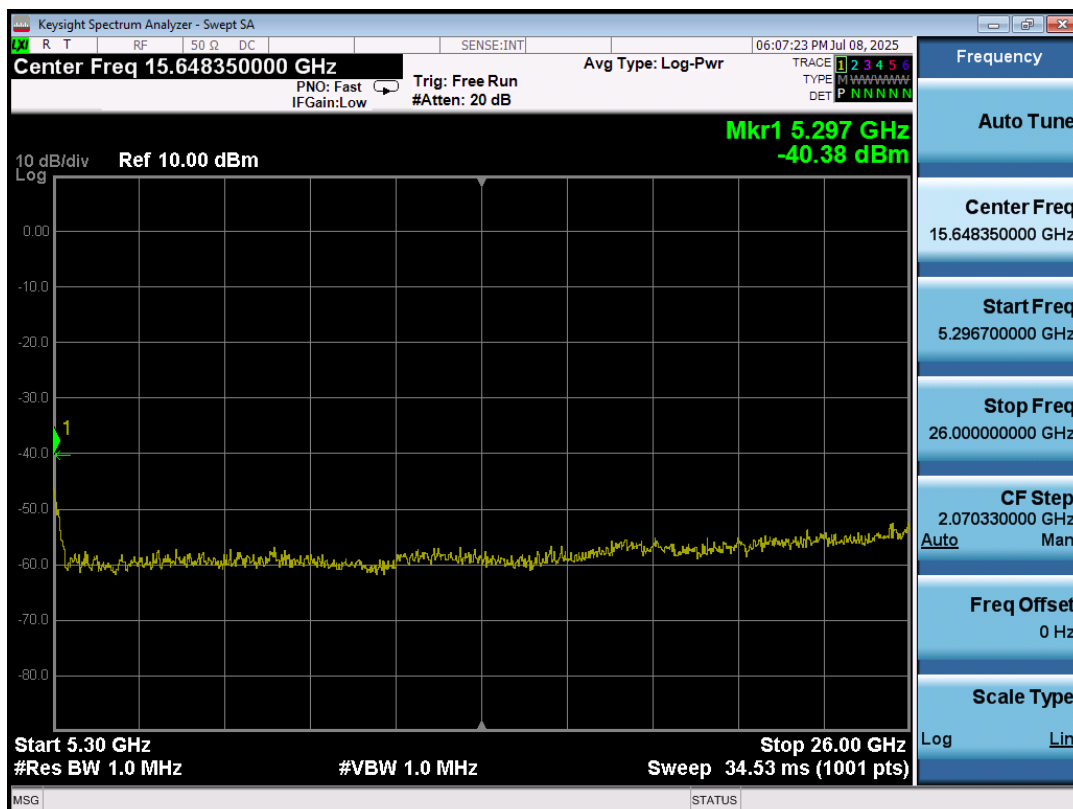
Chain A_Mode 4 : Transmit (802.11ac VHT80) ; 5210MHz : 5251 ~ 5290MHz



Chain A_Mode 4 : Transmit (802.11ac VHT80) ; 5210MHz : 5290 ~ 5296.7MHz



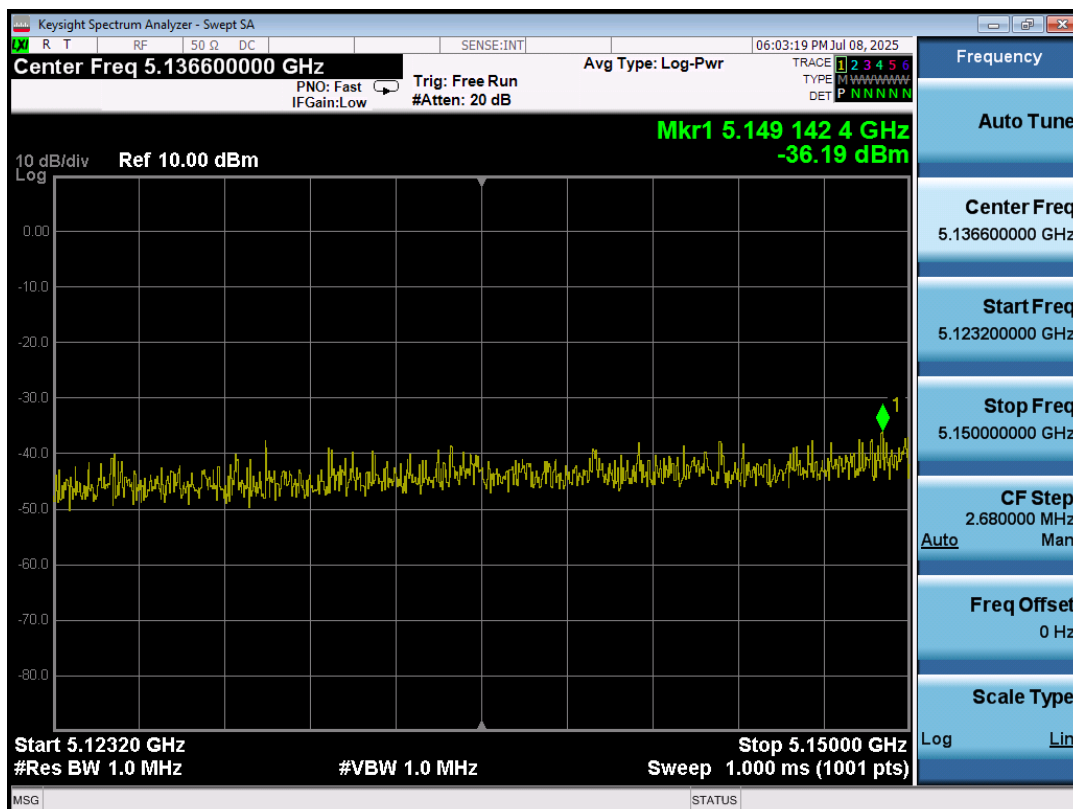
Chain A_Mode 4 : Transmit (802.11ac VHT80) ; 5210MHz : 5296.7MHz ~ 26000MHz



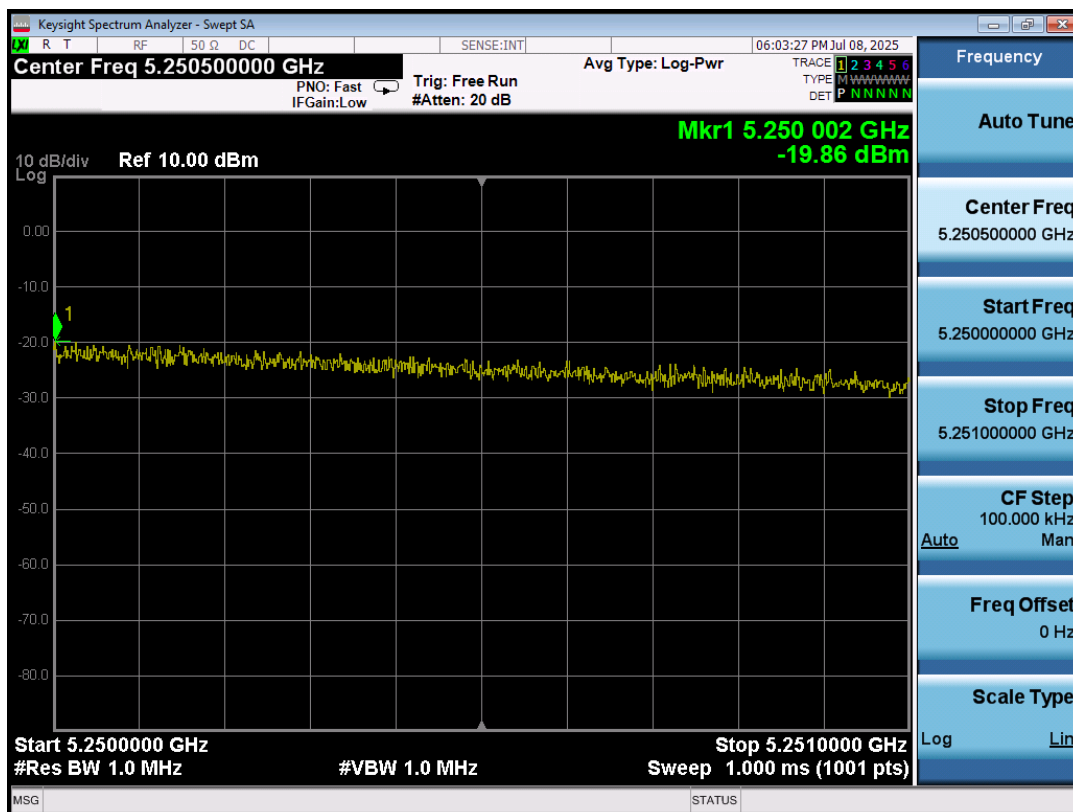
Chain B_Mode 4 : Transmit (802.11ac VHT80) ; 5210MHz : 30MHz ~ 5123.2MHz



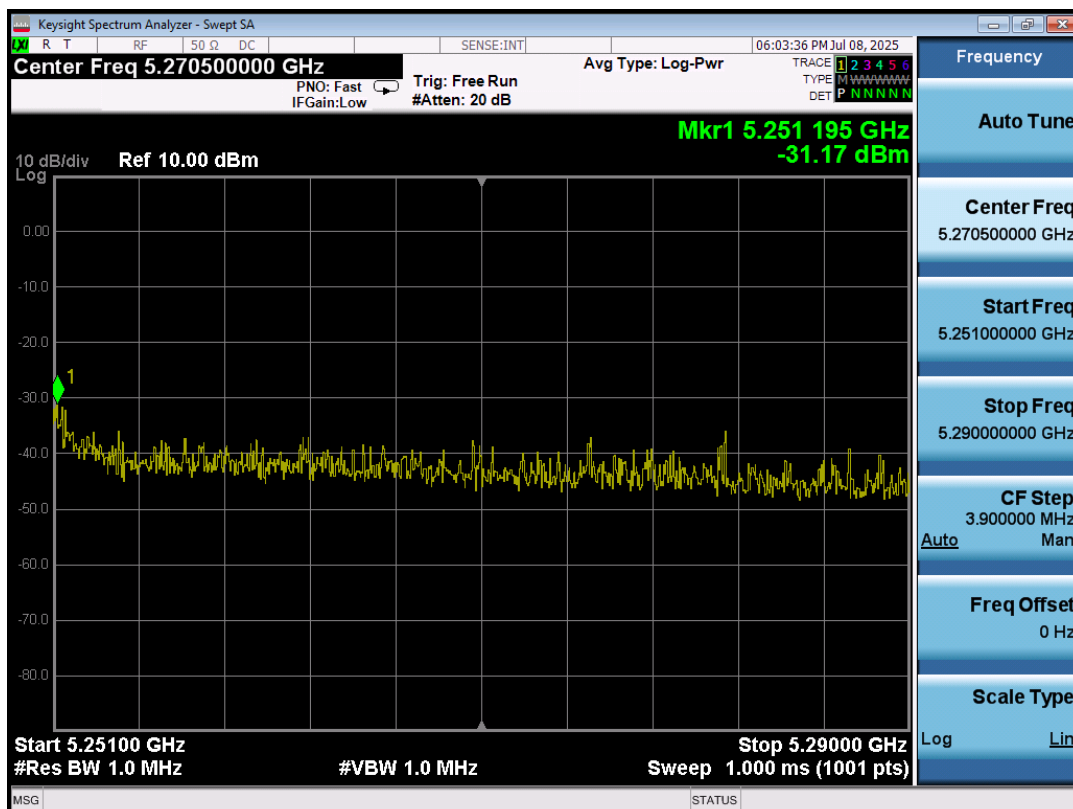
Chain B_Mode 4 : Transmit (802.11ac VHT80) ; 5210MHz : 5123.2 ~ 5150MHz



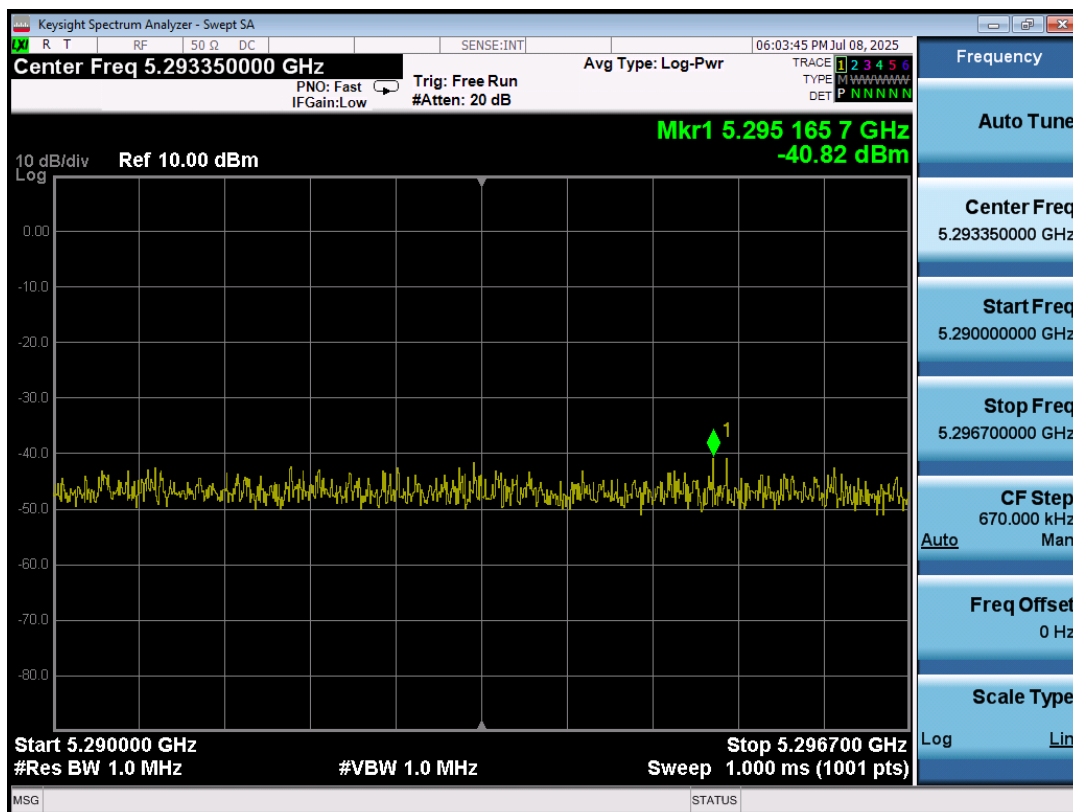
Chain B_Mode 4 : Transmit (802.11ac VHT80) ; 5210MHz : 5250 ~ 5251MHz



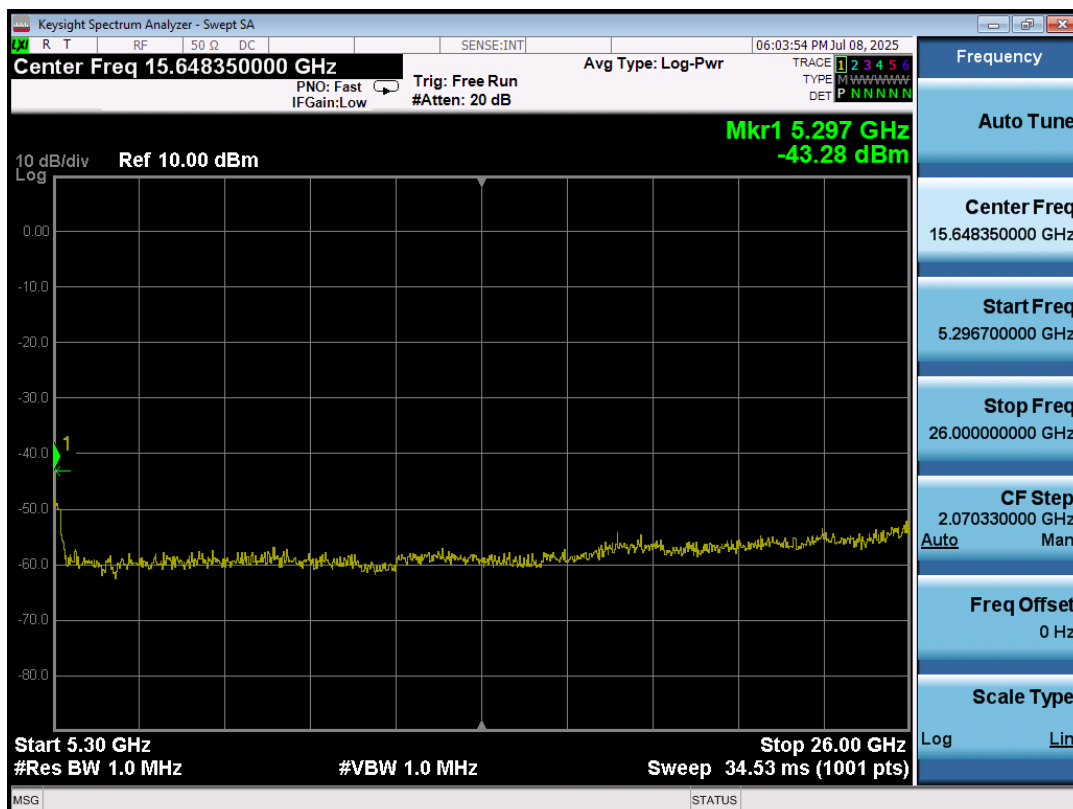
Chain B_Mode 4 : Transmit (802.11ac VHT80) ; 5210MHz : 5251 ~ 5290MHz



Chain B_Mode 4 : Transmit (802.11ac VHT80) ; 5210MHz : 5290 ~ 5296.7MHz



Chain B_Mode 4 : Transmit (802.11ac VHT80) ; 5210MHz : 5296.7MHz ~ 26000MHz



Product : Audio Device
Test Item : Unwanted Emission Strength
Test Mode : Mode 5 : Transmit (802.11ax HE20)
Test Voltage : 100V

Freq. (MHz)	Test Freq. (MHz)	Chain A		Chain B		Total (μW/MHz)	Limit (μW/MHz)	Result
		dBm/MHz	μW/MHz	dBm/MHz	μW/MHz			
5180	30 ~ 5142	-50.12	0.0097	-52.01	0.0063	0.0160	≤ 2.50	Pass
	5142 ~ 5150	-48.15	0.0153	-47.41	0.0182	0.0335	≤ 15.00	Pass
	5250 ~ 5250.2	-50.14	0.0097	-50.37	0.0092	0.0189	≤ 2051.16	Pass
	5250 ~ 5251	-49.64	0.0109	-49.49	0.0112	0.0221	≤ 121.79	Pass
	5251 ~ 5260	-50.16	0.0096	-50.10	0.0098	0.0194	≤ 42.46	Pass
	5260 ~ 5266.7	-51.18	0.0076	-50.23	0.0095	0.0171	≤ 7.66	Pass
	5266.7 ~ 26000	-42.32	0.0586	-50.76	0.0084	0.0670	≤ 2.50	Pass
5220	30 ~ 5142	-53.50	0.0045	-52.79	0.0053	0.0097	≤ 2.50	Pass
	5142 ~ 5250	-52.50	0.0056	-50.22	0.0095	0.0151	≤ 15.00	Pass
	5250 ~ 5250.2	-41.81	0.0659	-43.59	0.0438	0.1097	≤ 709.90	Pass
	5250 ~ 5251	-42.04	0.0625	-45.37	0.0290	0.0916	≤ 445.45	Pass
	5251 ~ 5260	-44.25	0.0376	-50.22	0.0095	0.0471	≤ 69.06	Pass
	5260 ~ 5266.7	-48.48	0.0142	-50.84	0.0082	0.0224	≤ 14.58	Pass
	5266.7 ~ 26000	-42.78	0.0527	-49.94	0.0101	0.0629	≤ 2.50	Pass
5240	30 ~ 5142	-54.26	0.0037	-54.49	0.0036	0.0073	≤ 2.50	Pass
	5142 ~ 5250	-52.81	0.0052	-53.89	0.0041	0.0093	≤ 15.00	Pass
	5250 ~ 5250.2	-4.25	375.8374	-5.73	267.3006	643.1380	≤ 2151.79	Pass
	5250 ~ 5251	-5.79	263.6331	-8.52	140.6048	404.2379	≤ 627.48	Pass
	5251 ~ 5260	-20.54	8.8308	-21.99	6.3241	15.1549	≤ 98.54	Pass
	5260 ~ 5266.7	-35.90	0.2570	-39.62	0.1091	0.3662	≤ 15.10	Pass
	5266.7 ~ 26000	-39.16	0.1213	-43.51	0.0446	0.1659	≤ 2.50	Pass

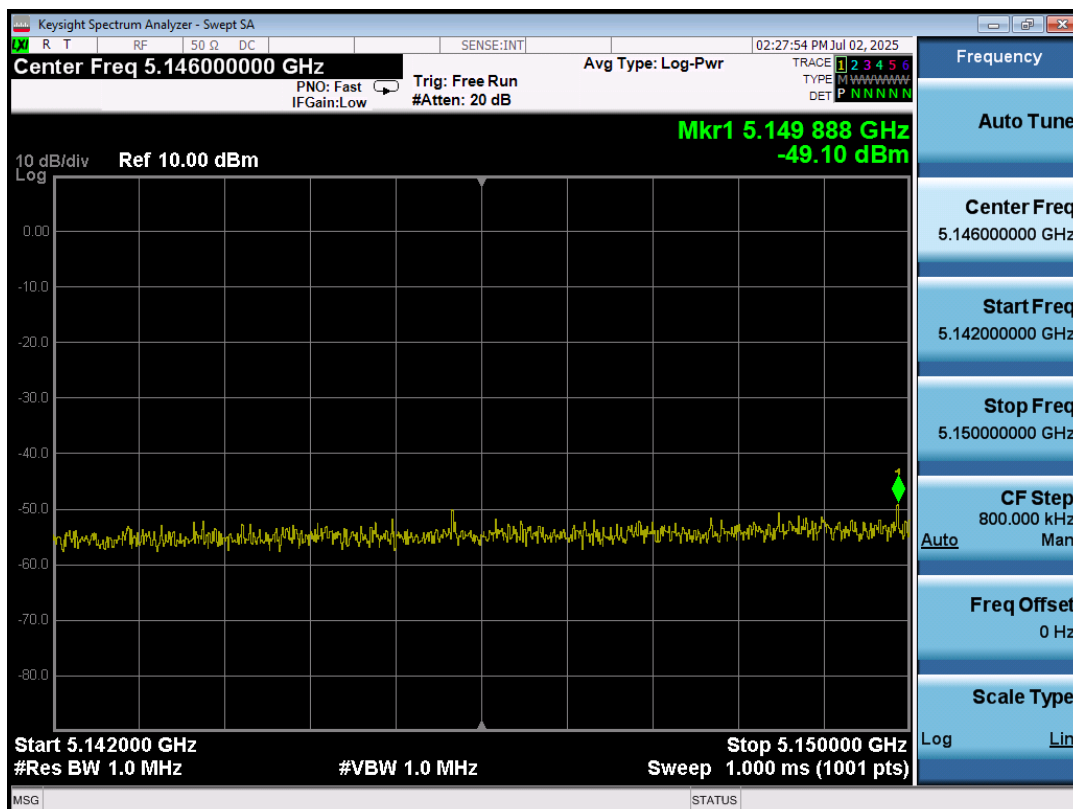
Note:

- (1) The frequency(30~1000MHz) test unit is μW/100kHz : $\mu\text{W}/\text{MHz} = \text{Measured Value}(\mu\text{W}/100\text{kHz}) * 10$
- (2) Actual value = Reading value + cable loss
- (3) The spectrum plots are attached on the following pages.

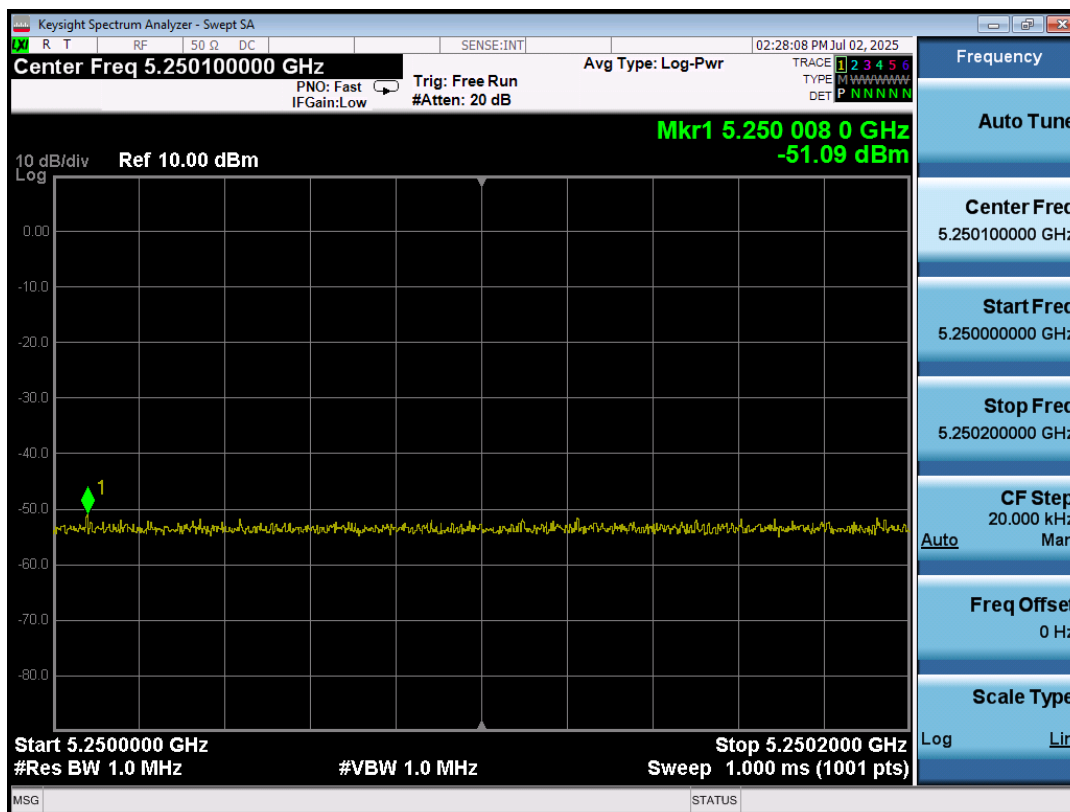
Chain A_Mode 5 : Transmit (802.11ax HE20) ; 5180MHz : 30 ~ 5142MHz



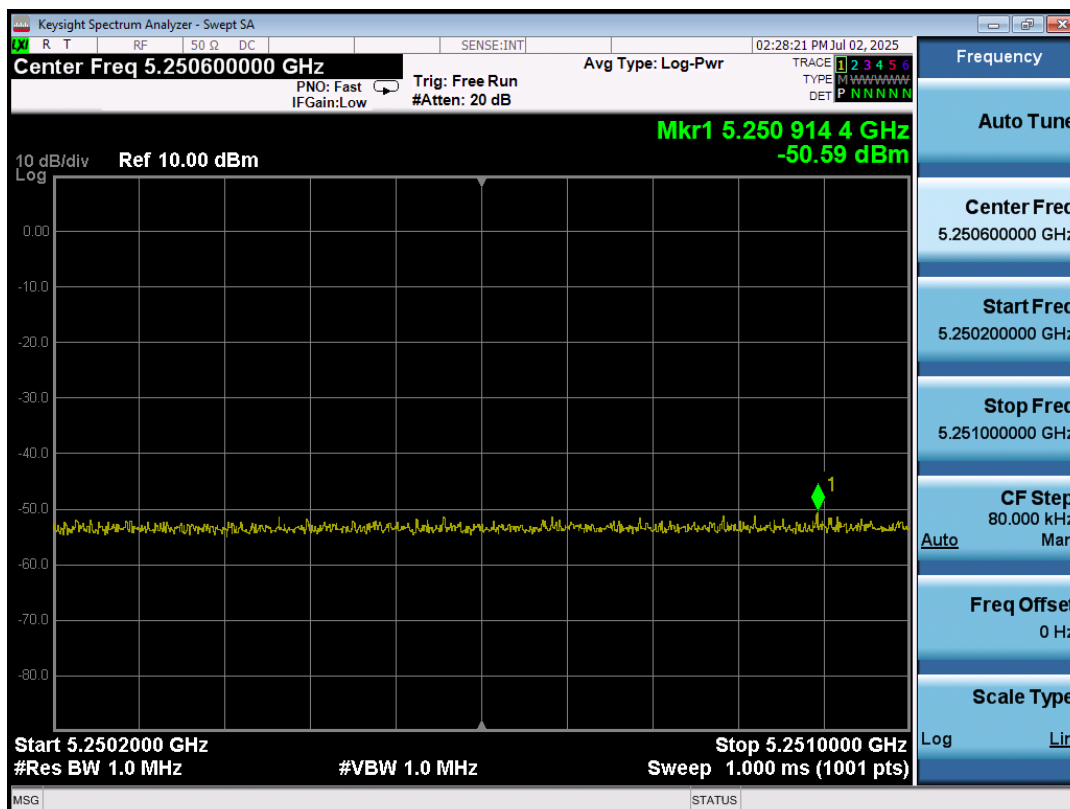
Chain A_Mode 5 : Transmit (802.11ax HE20) ; 5180MHz : 5142 ~ 5150 MHz



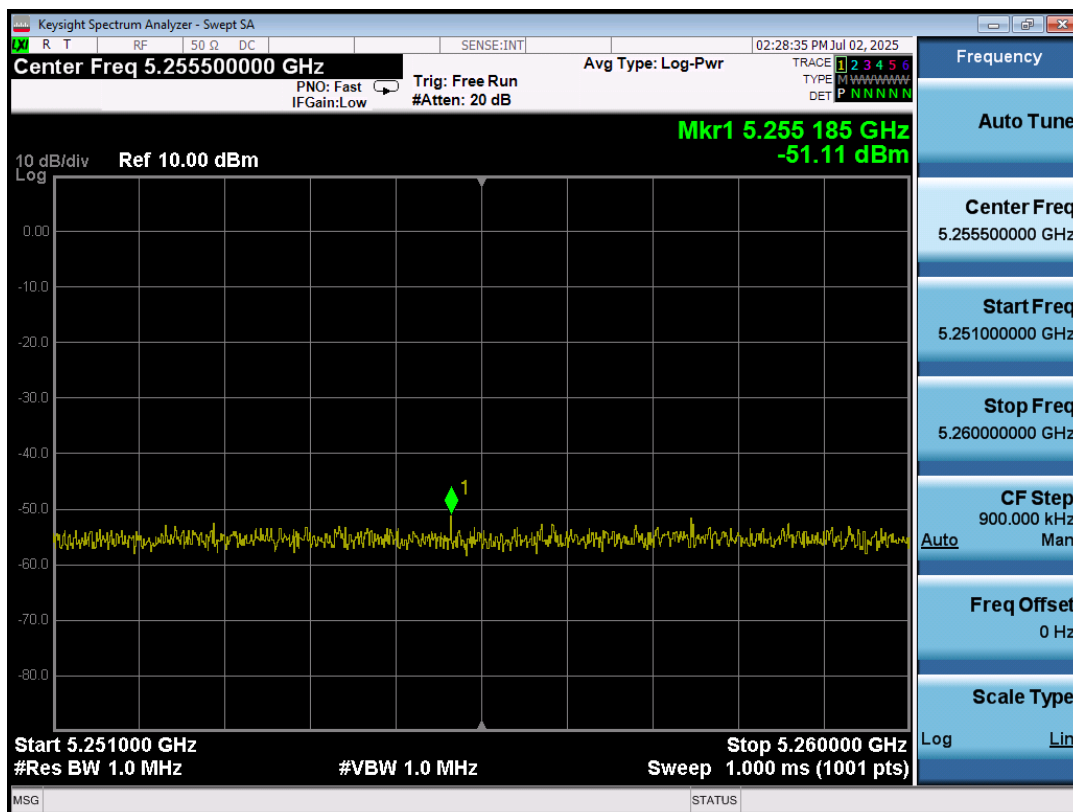
Chain A_Mode 5 : Transmit (802.11ax HE20) ; 5180MHz : 5250 ~ 5250.2 MHz



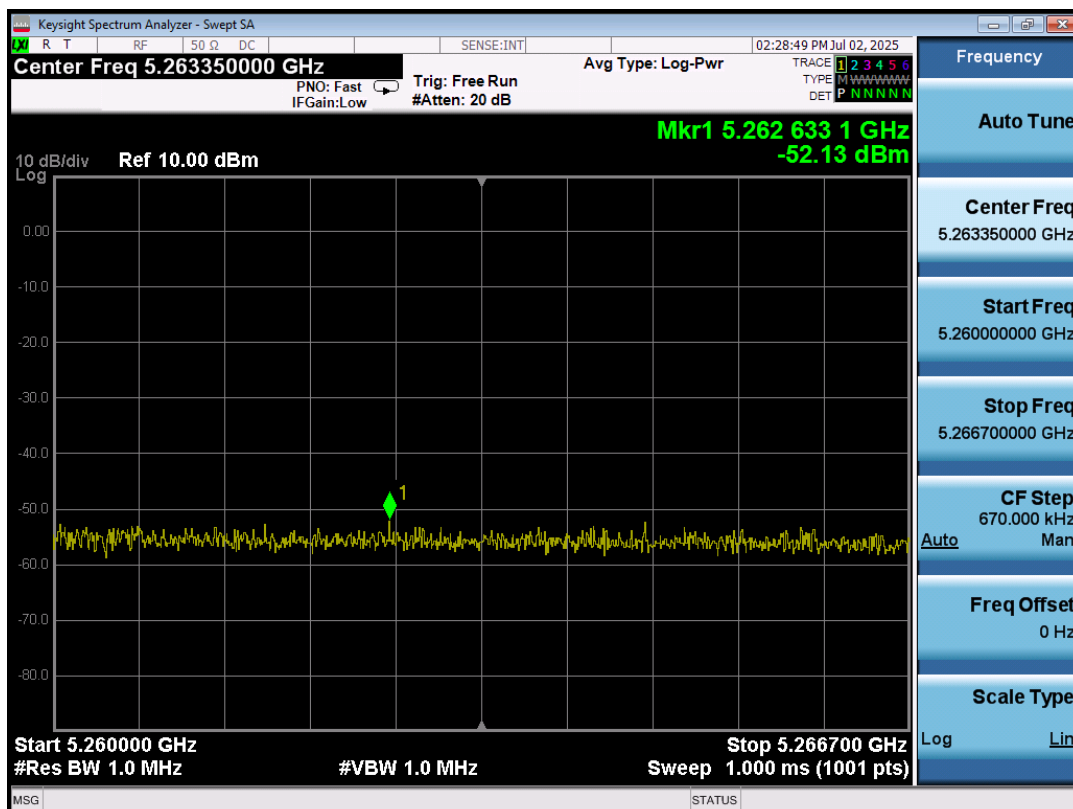
Chain A_Mode 5 : Transmit (802.11ax HE20) ; 5180MHz : 5250 ~ 5251 MHz



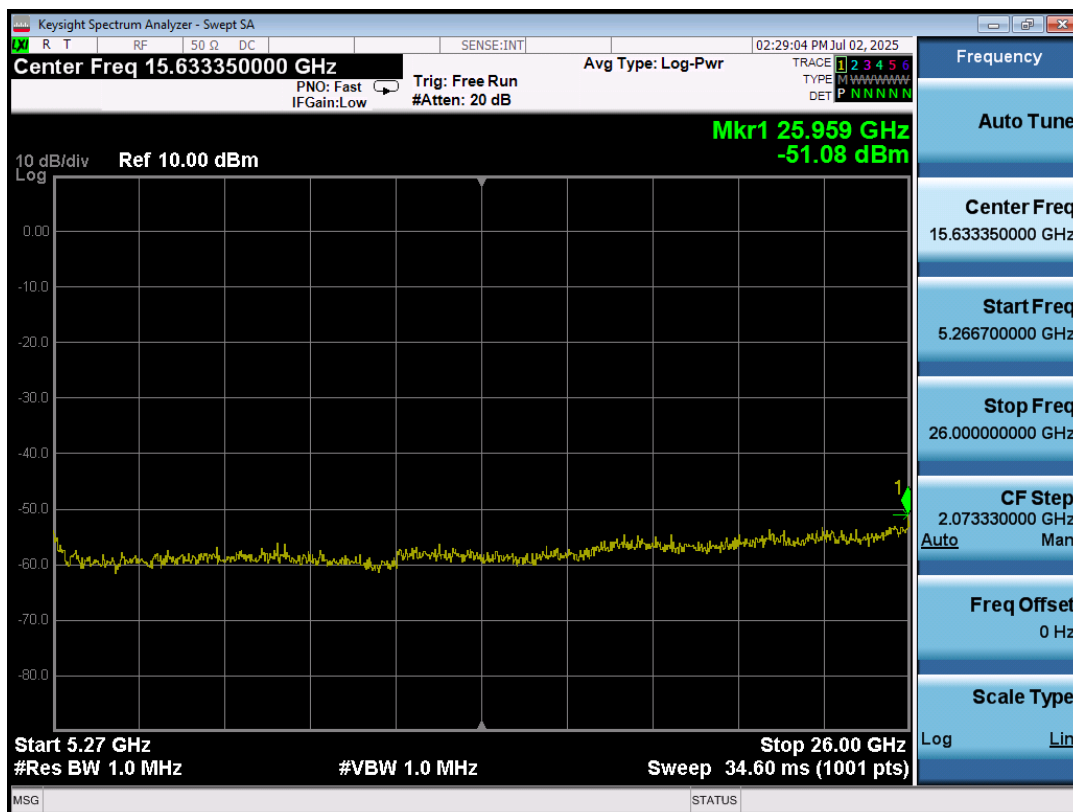
Chain A_Mode 5 : Transmit (802.11ax HE20) ; 5180MHz : 5251 ~ 5260 MHz



Chain A_Mode 5 : Transmit (802.11ax HE20) ; 5180MHz : 5260 ~ 5266.7 MHz



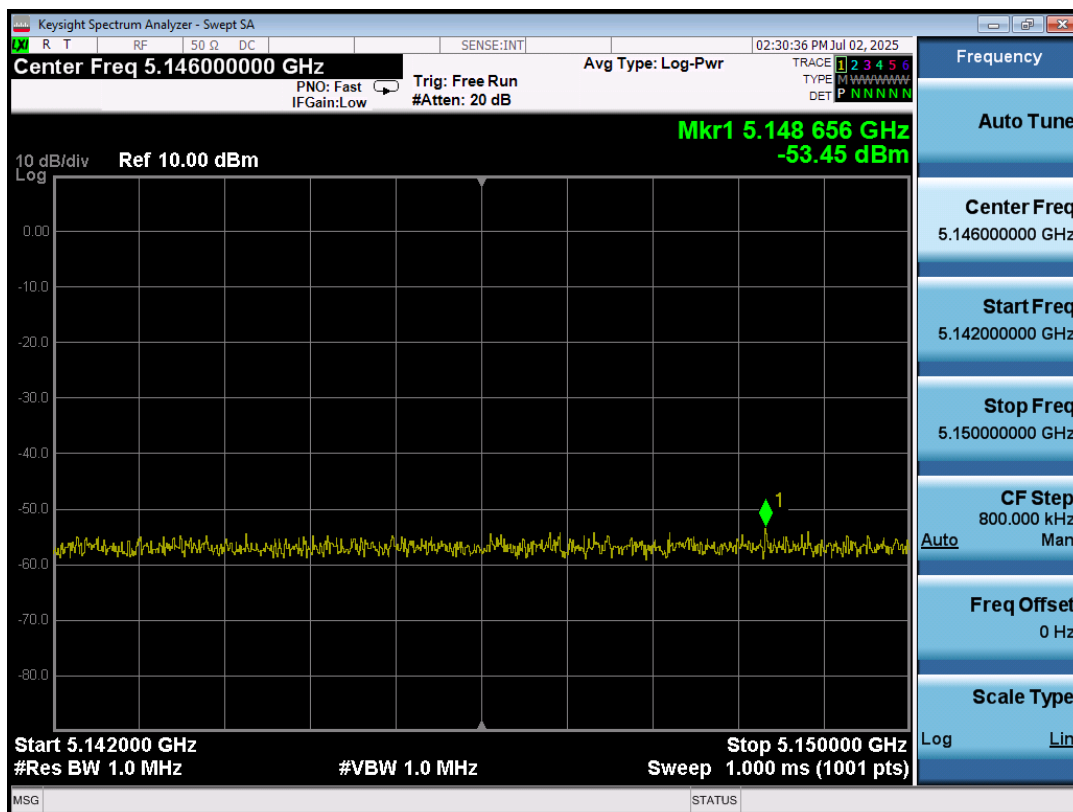
Chain A_Mode 5 : Transmit (802.11ax HE20) ; 5180MHz : 5266.7 ~ 26000MHz



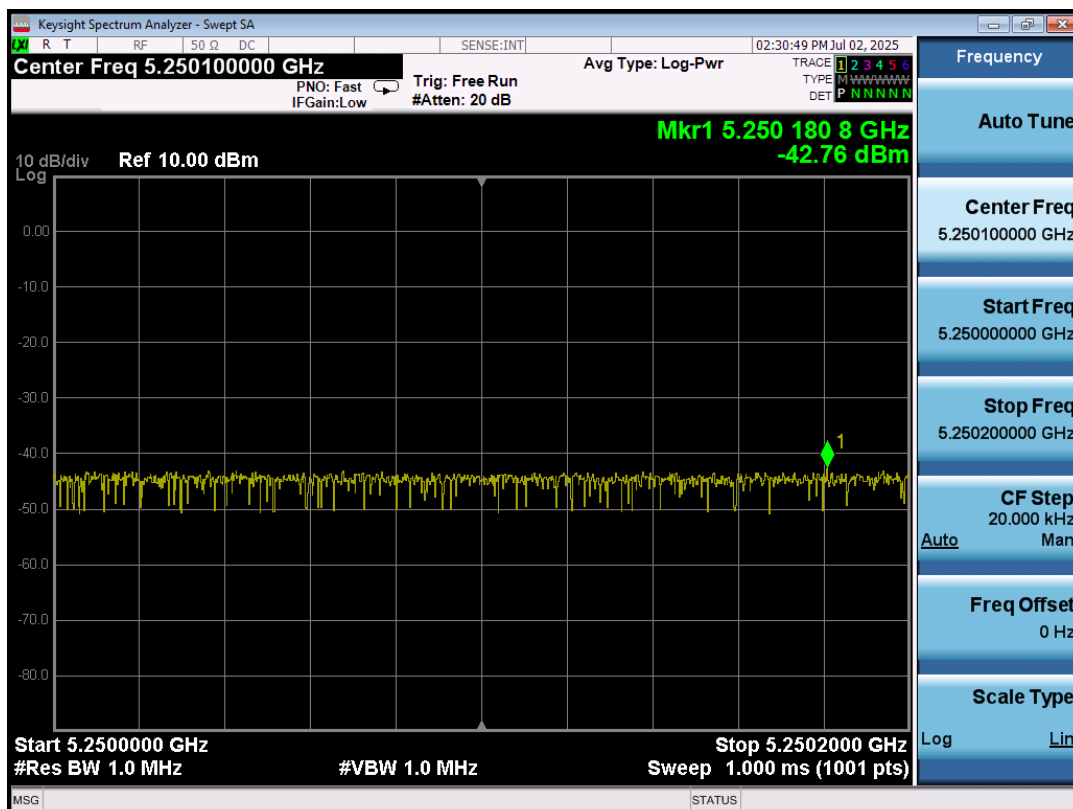
Chain A_Mode 5 : Transmit (802.11ax HE20) ; 5220MHz : 30 ~ 5142MHz



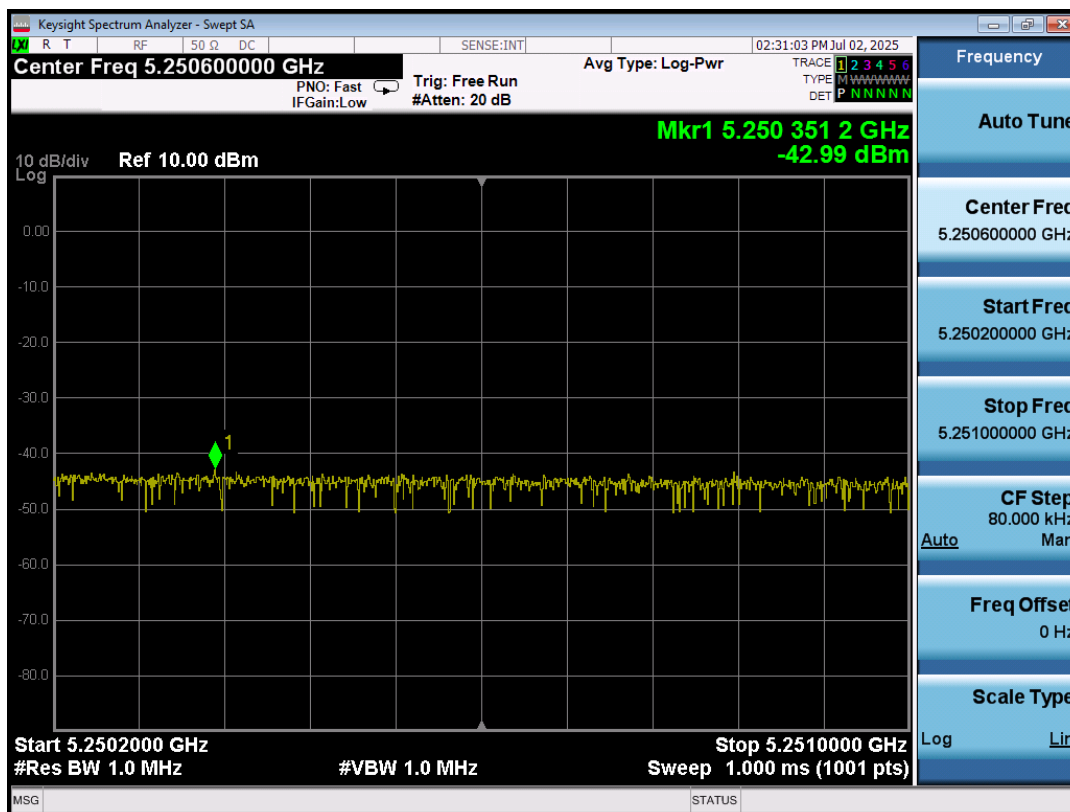
Chain A_Mode 5 : Transmit (802.11ax HE20) ; 5220MHz : 5142 ~ 5150 MHz



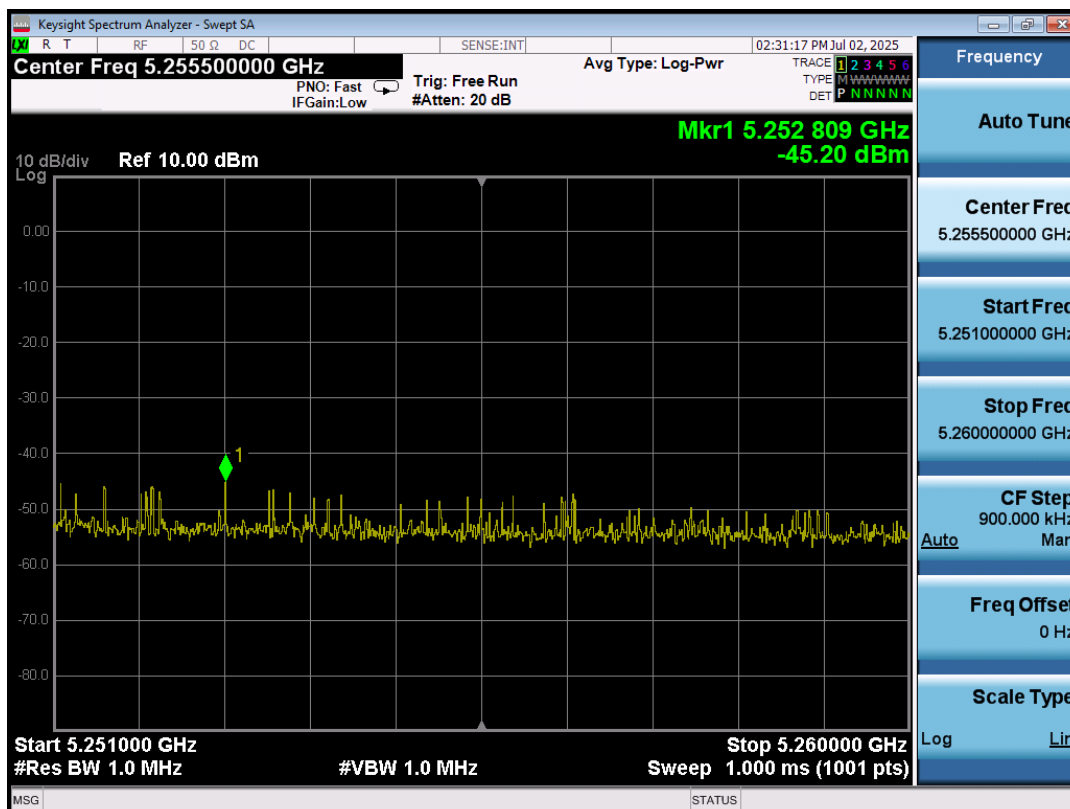
Chain A_Mode 5 : Transmit (802.11ax HE20) ; 5220MHz : 5250 ~ 5250.2 MHz



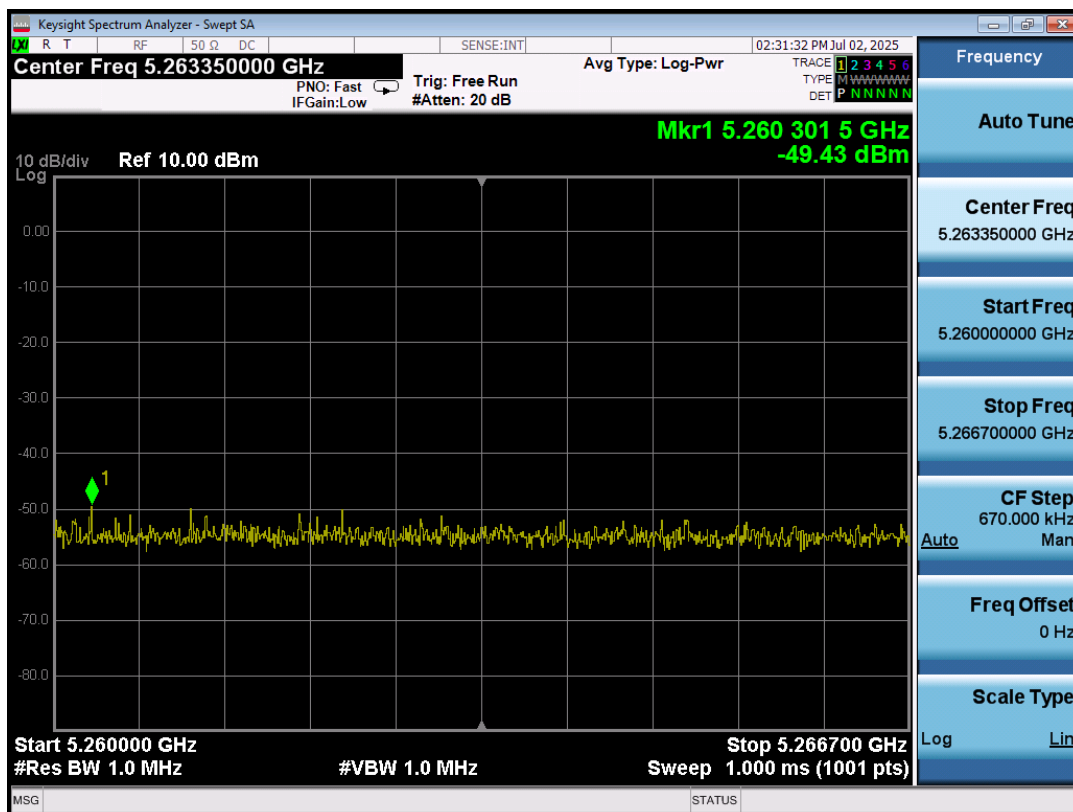
Chain A_Mode 5 : Transmit (802.11ax HE20) ; 5220MHz : 5250 ~ 5251 MHz



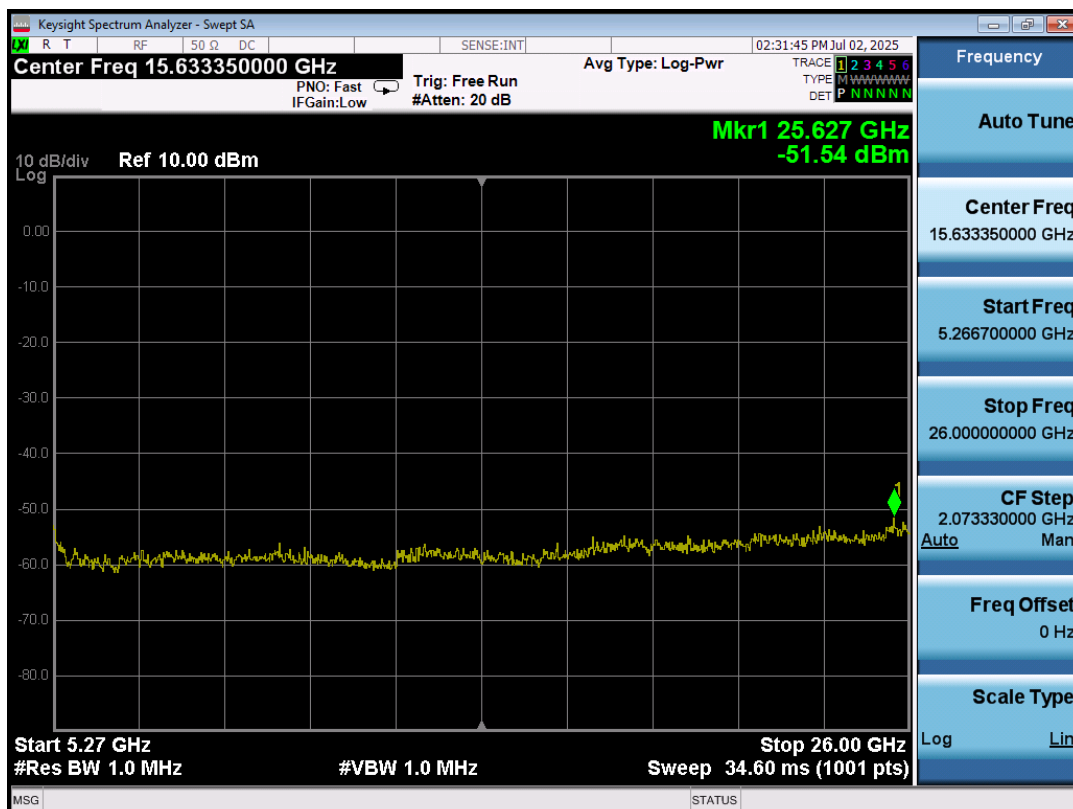
Chain A_Mode 5 : Transmit (802.11ax HE20) ; 5220MHz : 5251 ~ 5260 MHz



Chain A_Mode 5 : Transmit (802.11ax HE20) ; 5220MHz : 5260 ~ 5266.7 MHz



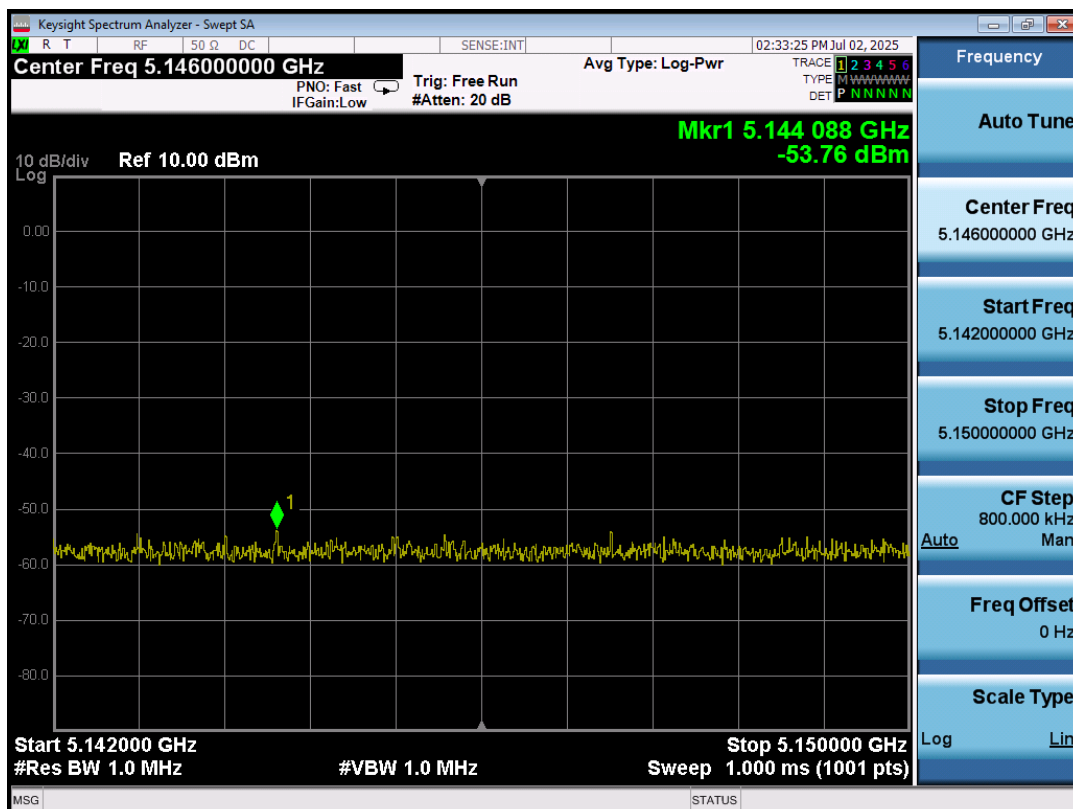
Chain A_Mode 5 : Transmit (802.11ax HE20) ; 5220MHz : 5266.7 ~ 26000MHz



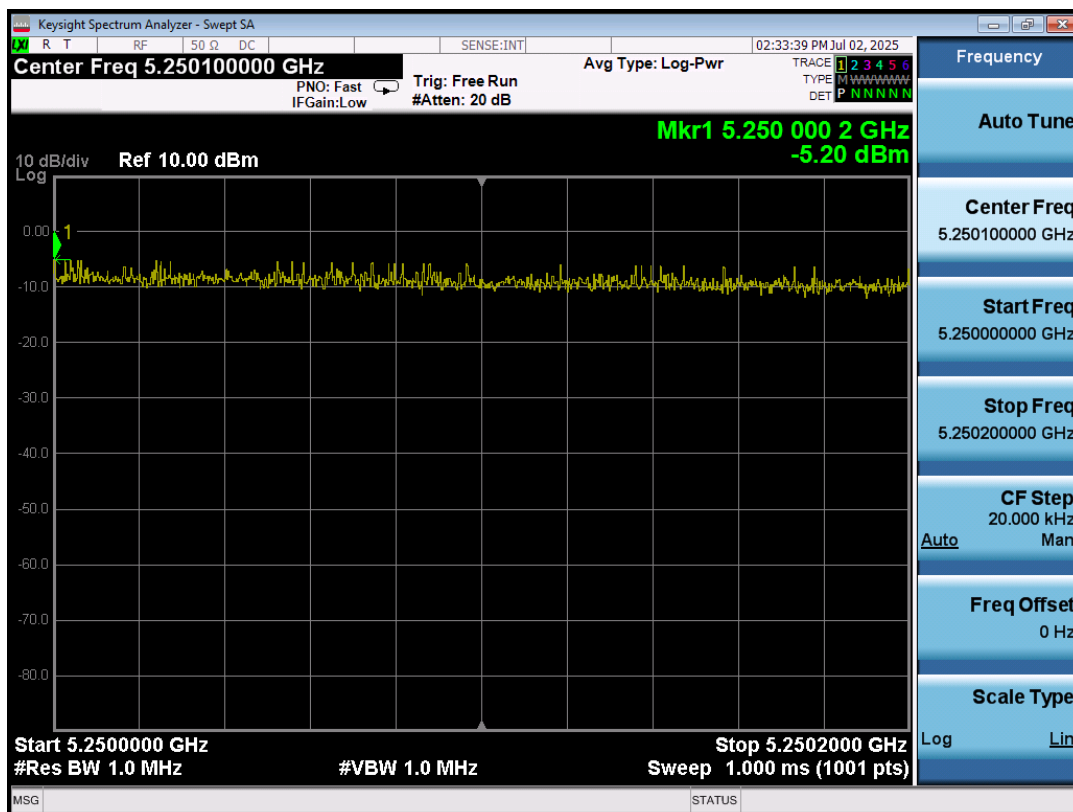
Chain A_Mode 5 : Transmit (802.11ax HE20) ; 5240MHz : 30 ~ 5142MHz



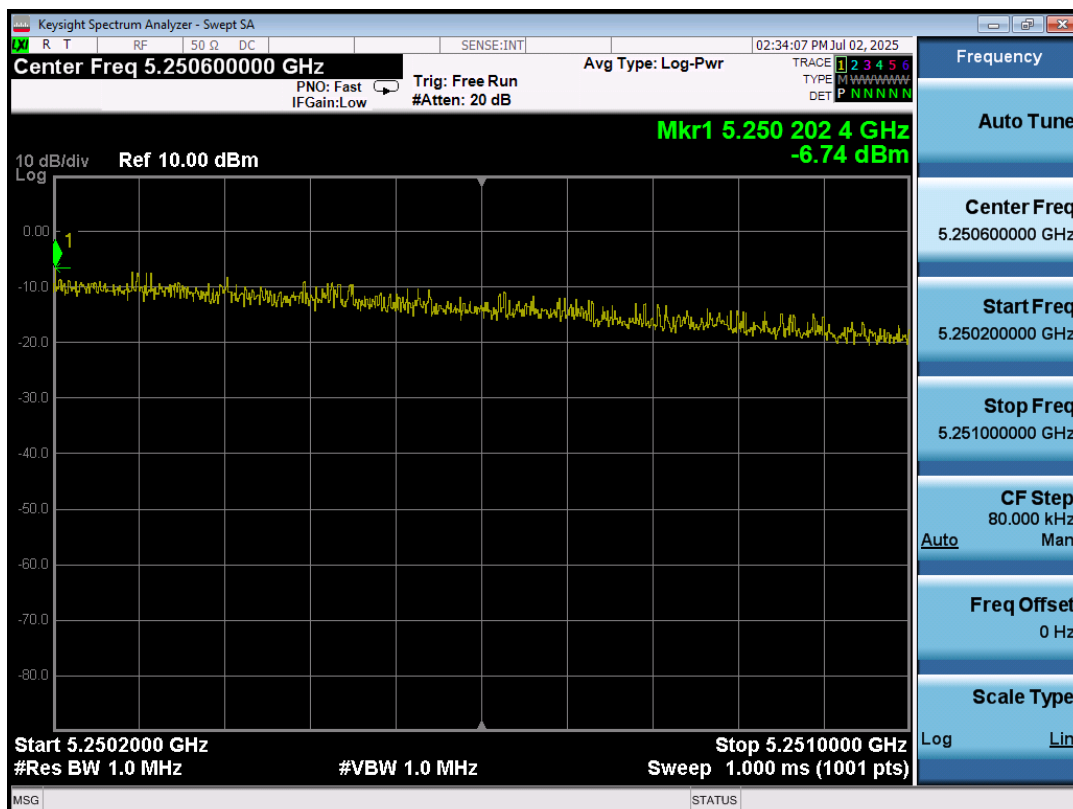
Chain A_Mode 5 : Transmit (802.11ax HE20) ; 5240MHz : 5142 ~ 5150 MHz



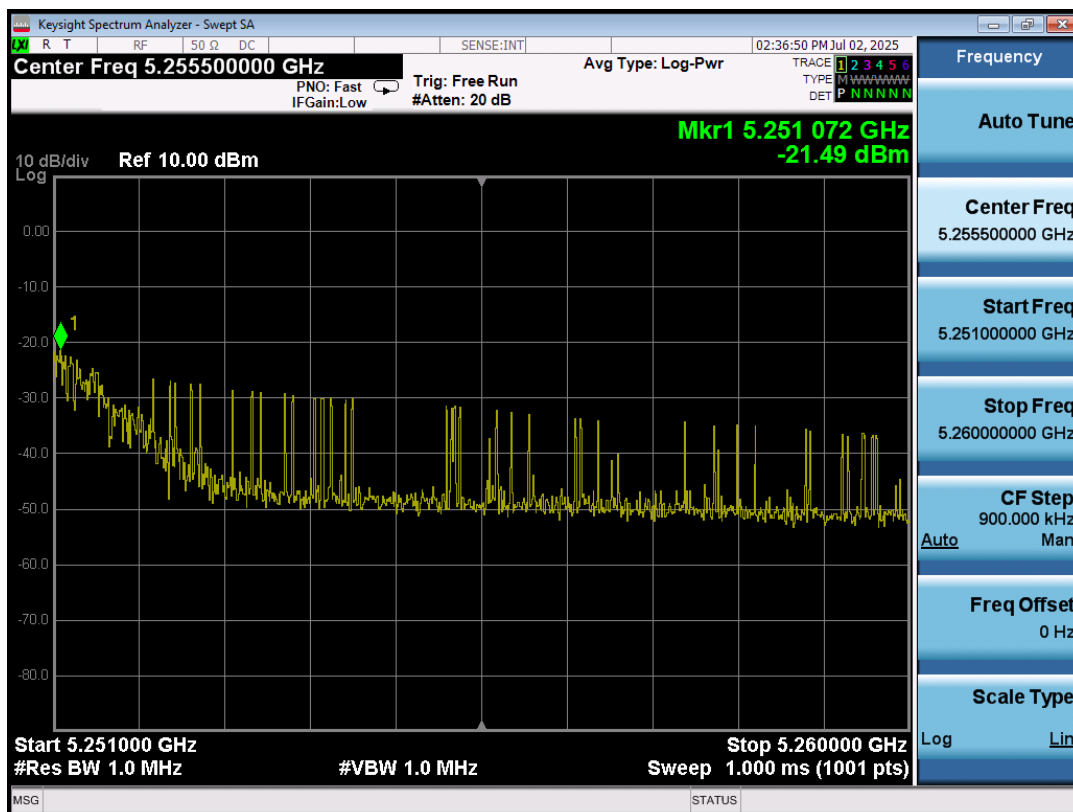
Chain A_Mode 5 : Transmit (802.11ax HE20) ; 5240MHz : 5250 ~ 5250.2 MHz



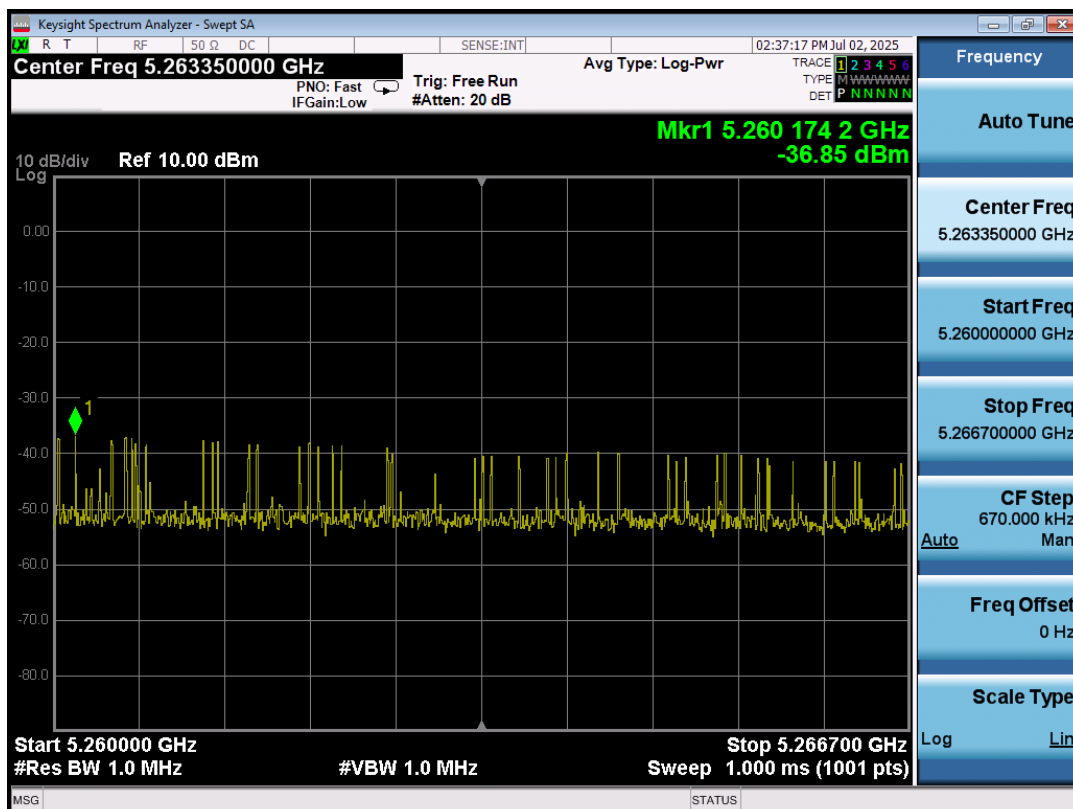
Chain A_Mode 5 : Transmit (802.11ax HE20) ; 5240MHz : 5250 ~ 5251 MHz



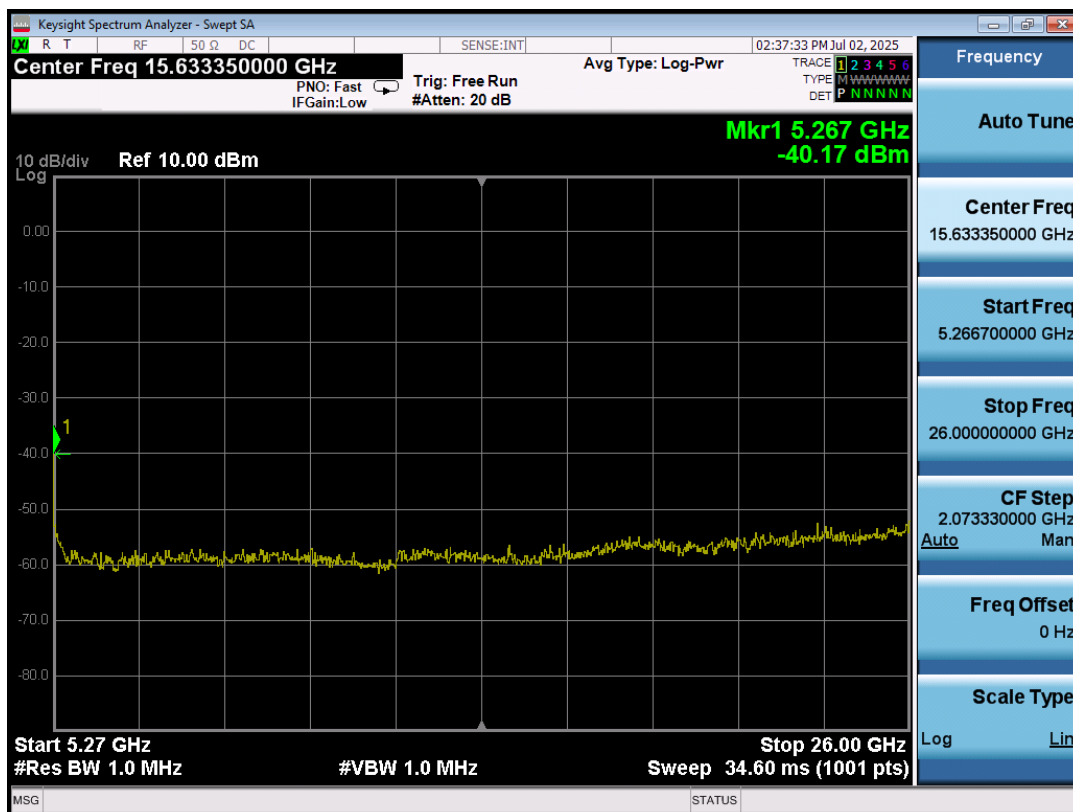
Chain A_Mode 5 : Transmit (802.11ax HE20) ; 5240MHz : 5251 ~ 5260 MHz



Chain A_Mode 5 : Transmit (802.11ax HE20) ; 5240MHz : 5260 ~ 5266.7 MHz



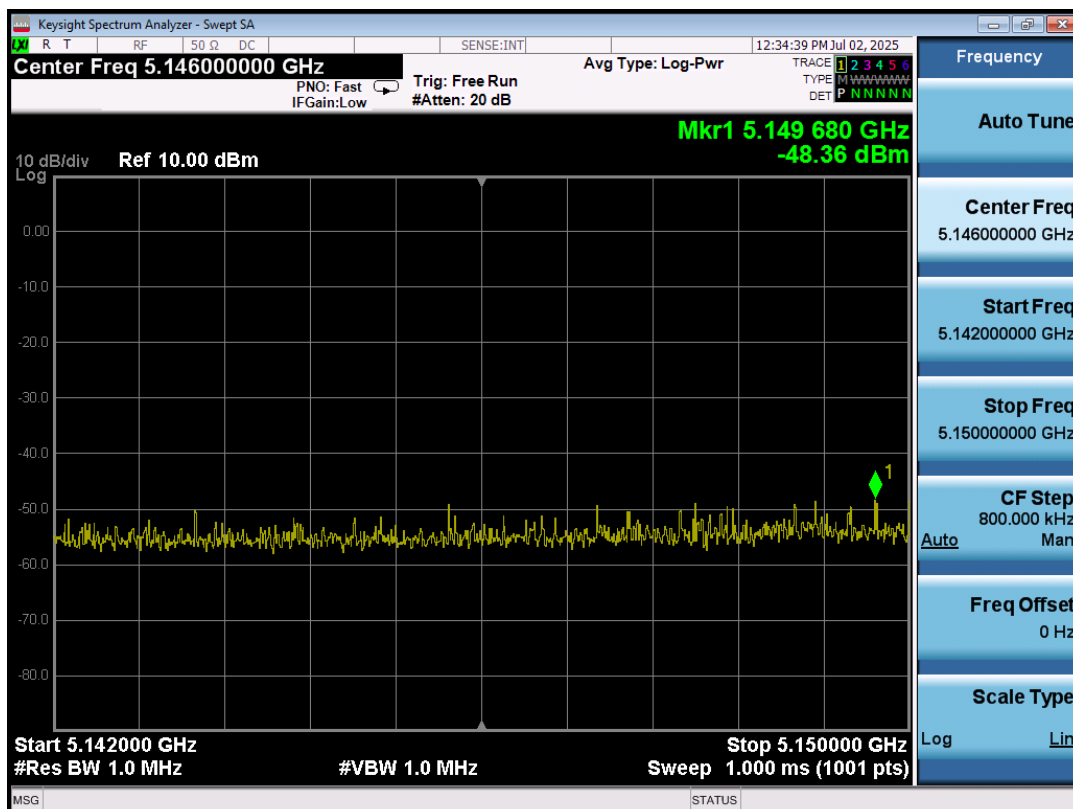
Chain A_Mode 5 : Transmit (802.11ax HE20) ; 5240MHz : 5266.7 ~ 26000MHz



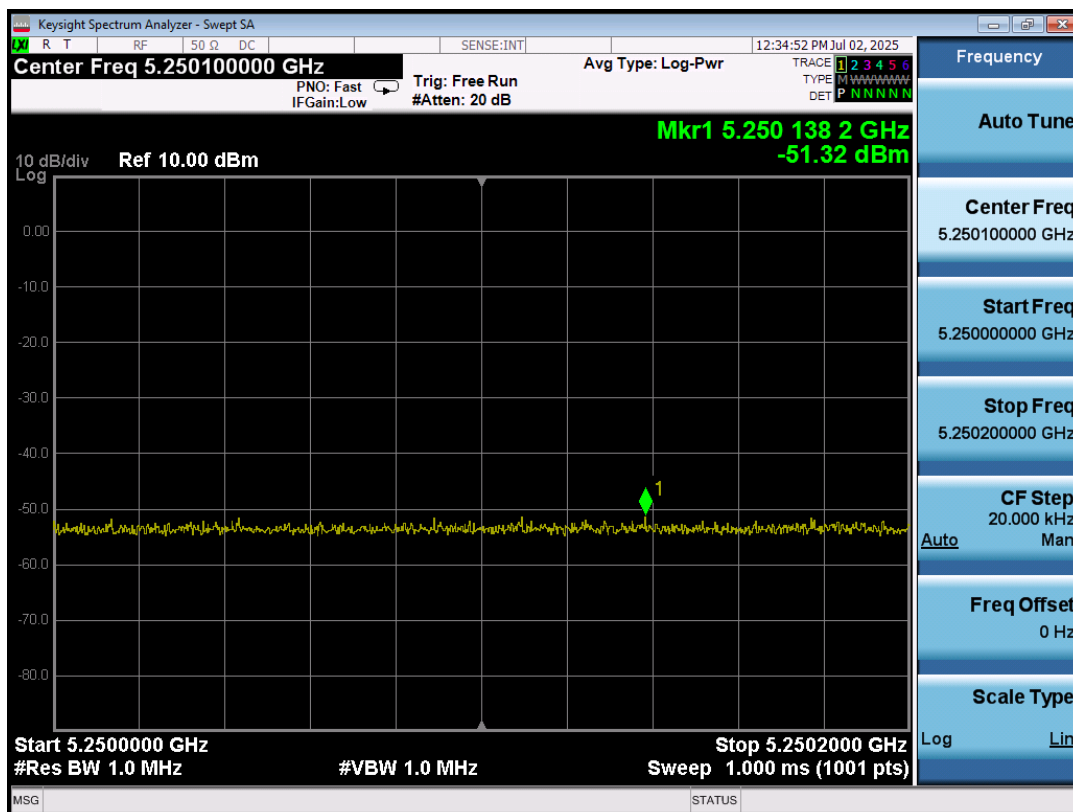
Chain B_Mode 5 : Transmit (802.11ax HE20) ; 5180MHz : 30 ~ 5142MHz



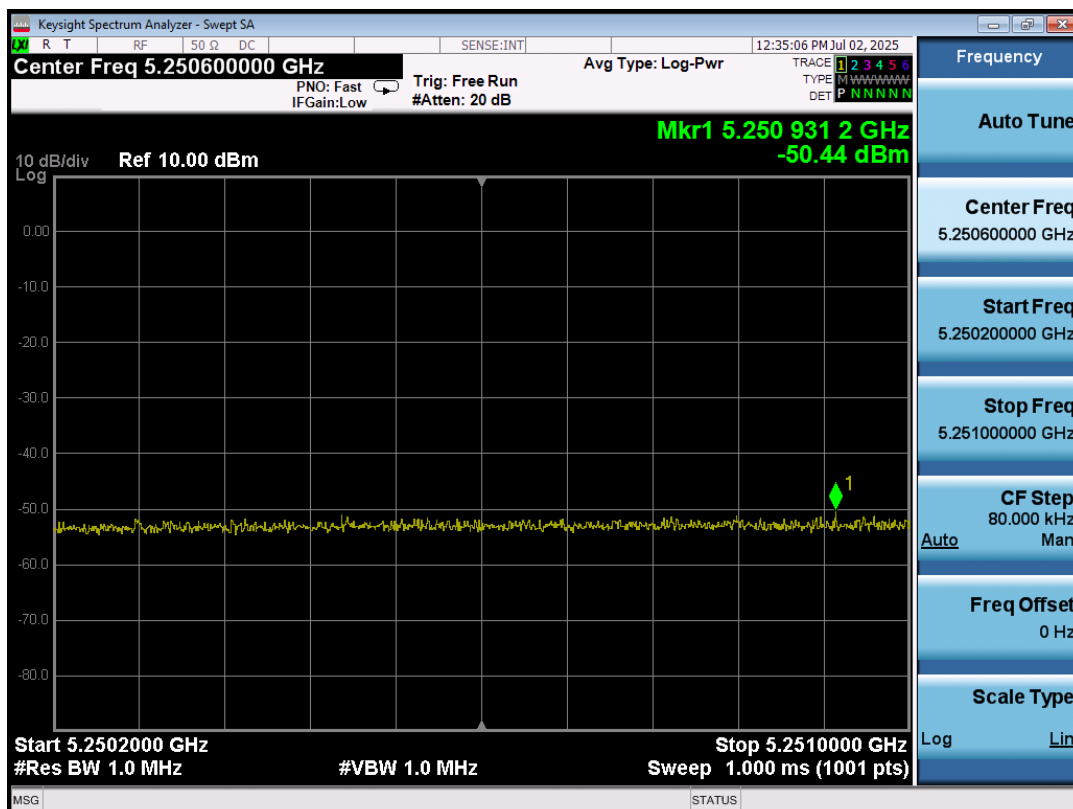
Chain B_Mode 5 : Transmit (802.11ax HE20) ; 5180MHz : 5142 ~ 5150 MHz



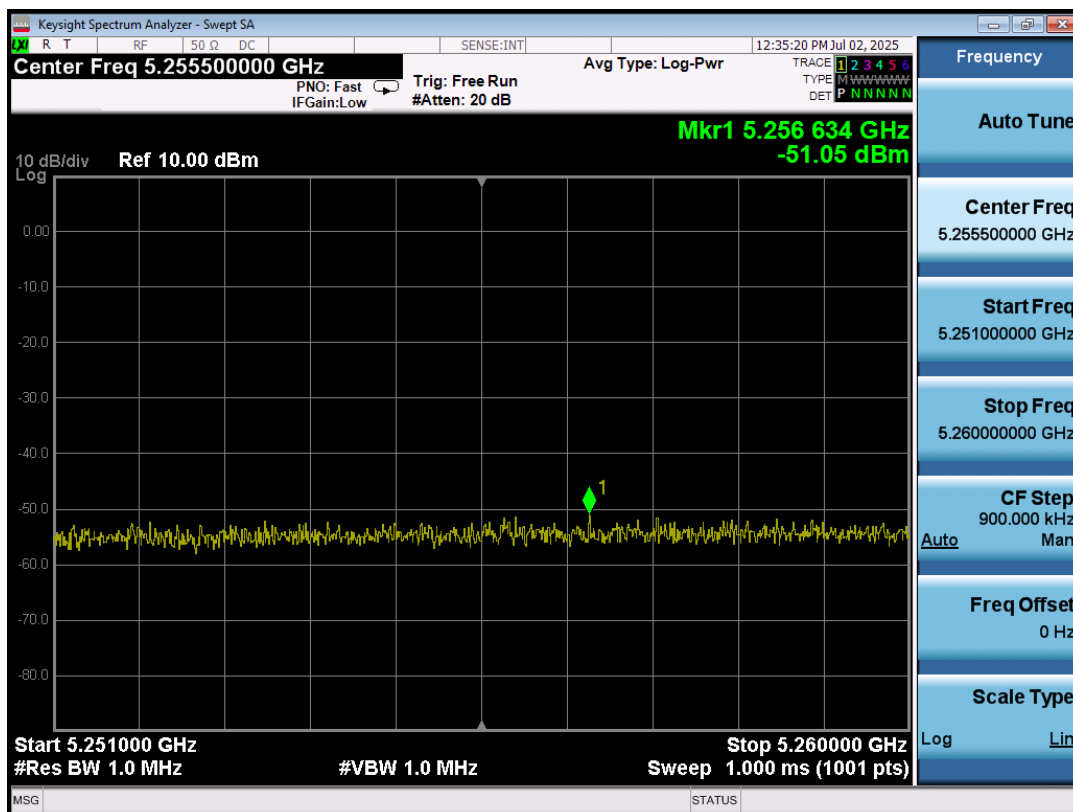
Chain B_Mode 5 : Transmit (802.11ax HE20) ; 5180MHz : 5250 ~ 5250.2 MHz



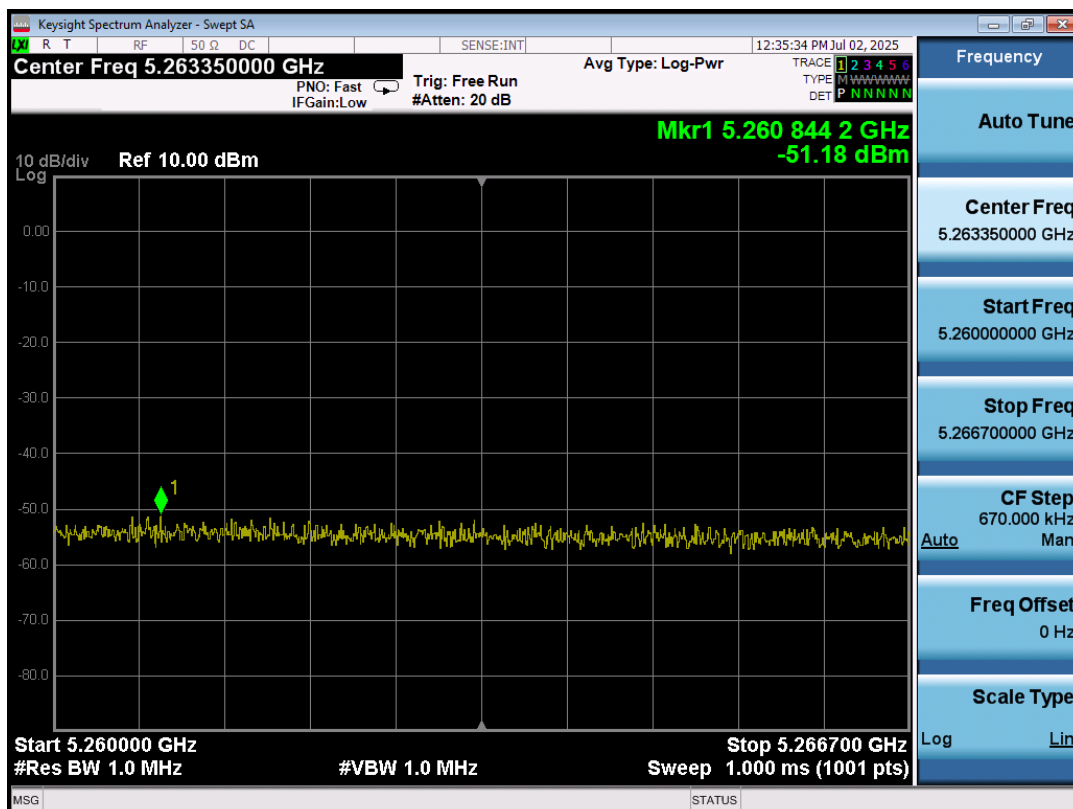
Chain B_Mode 5 : Transmit (802.11ax HE20) ; 5180MHz : 5250 ~ 5251 MHz



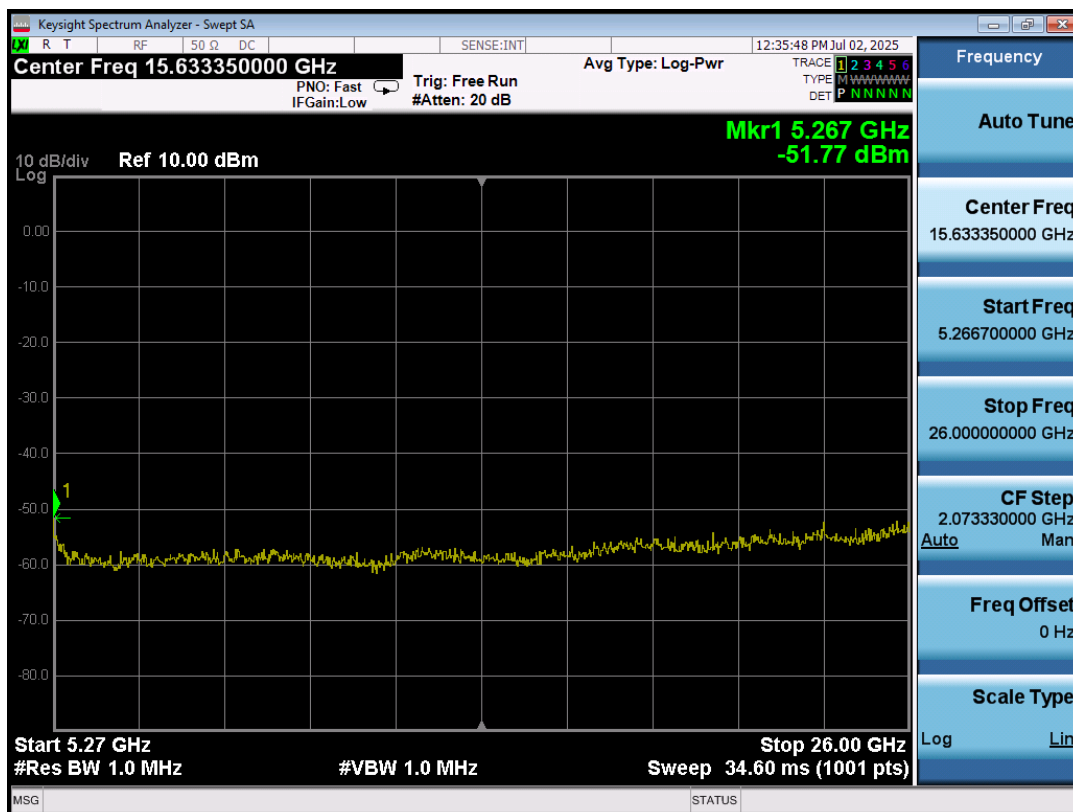
Chain B_Mode 5 : Transmit (802.11ax HE20) ; 5180MHz : 5251 ~ 5260 MHz



Chain B_Mode 5 : Transmit (802.11ax HE20) ; 5180MHz : 5260 ~ 5266.7 MHz



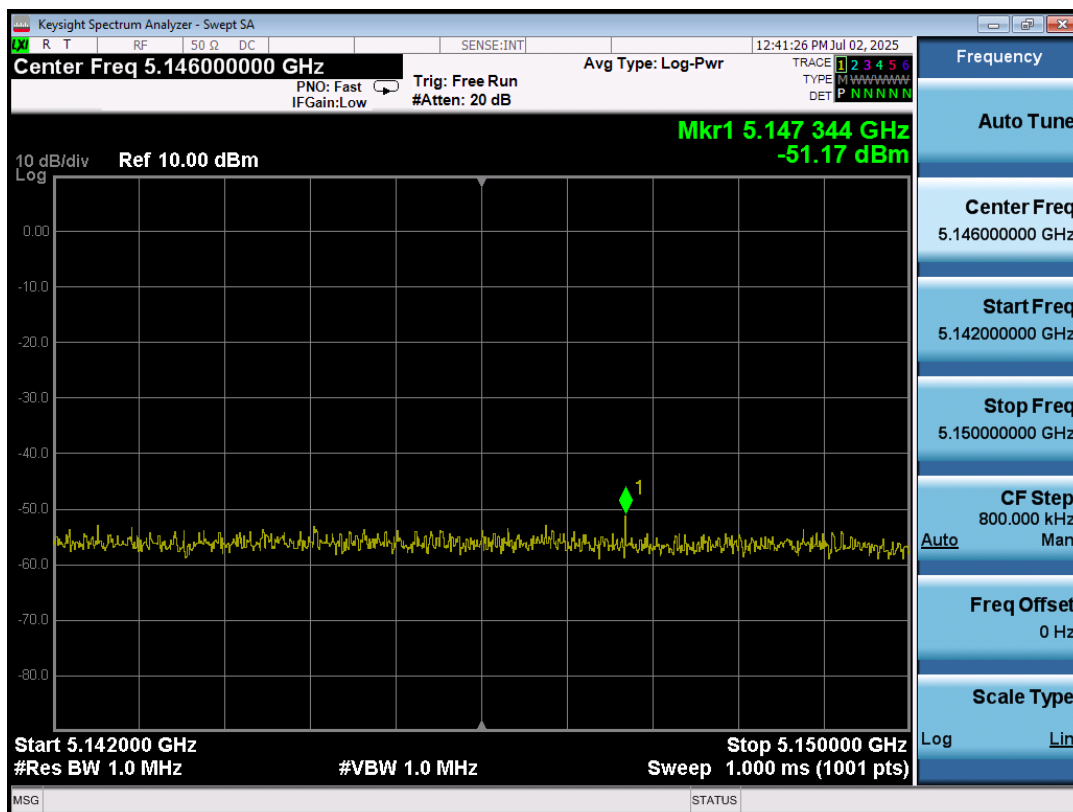
Chain B_Mode 5 : Transmit (802.11ax HE20) ; 5180MHz : 5266.7 ~ 26000MHz



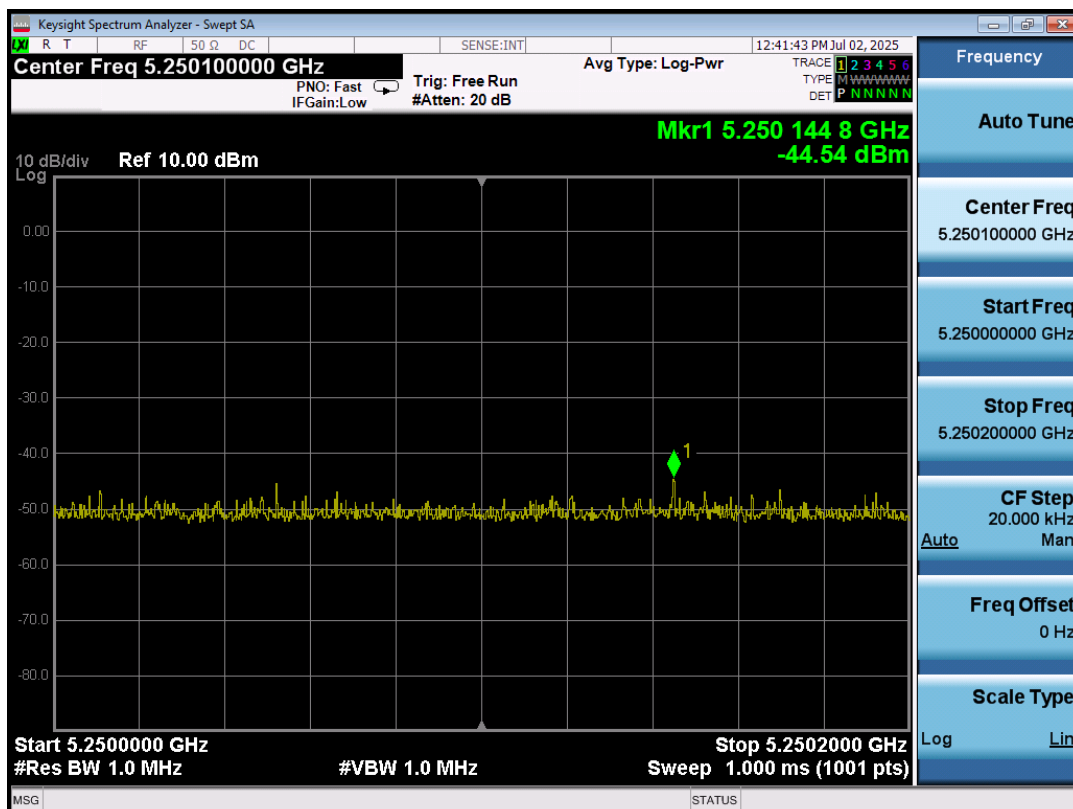
Chain B_Mode 5 : Transmit (802.11ax HE20) ; 5220MHz : 30 ~ 5142MHz



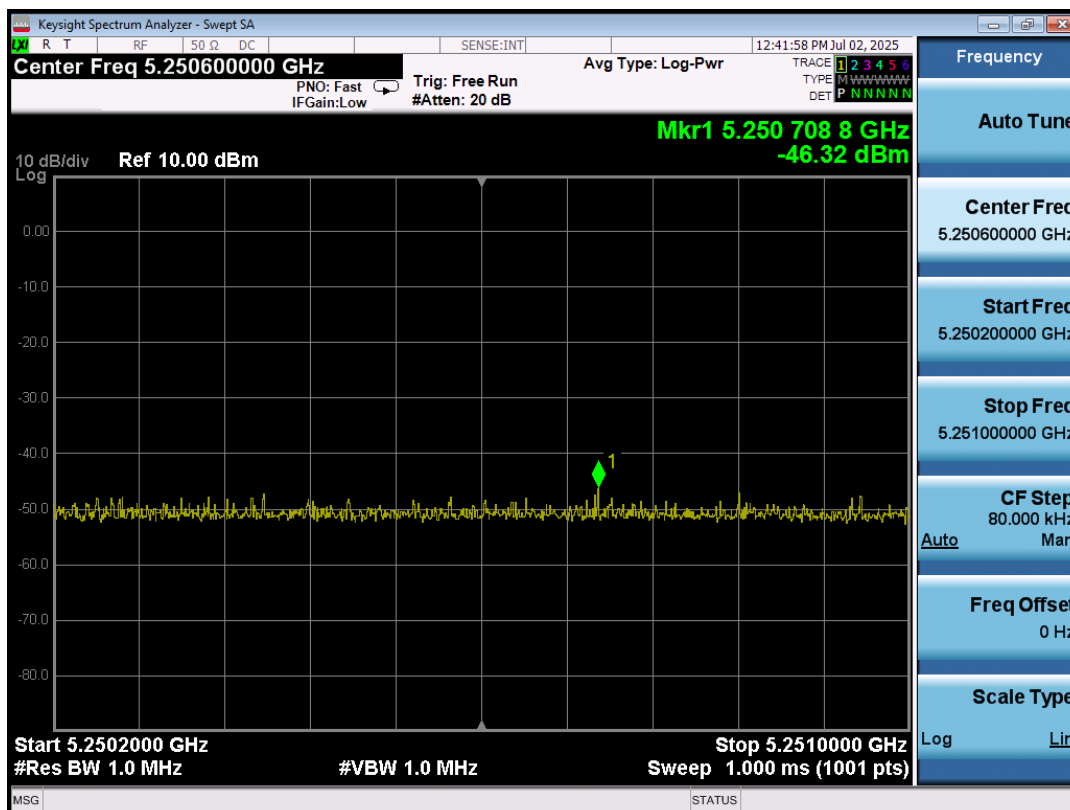
Chain B_Mode 5 : Transmit (802.11ax HE20) ; 5220MHz : 5142 ~ 5150 MHz



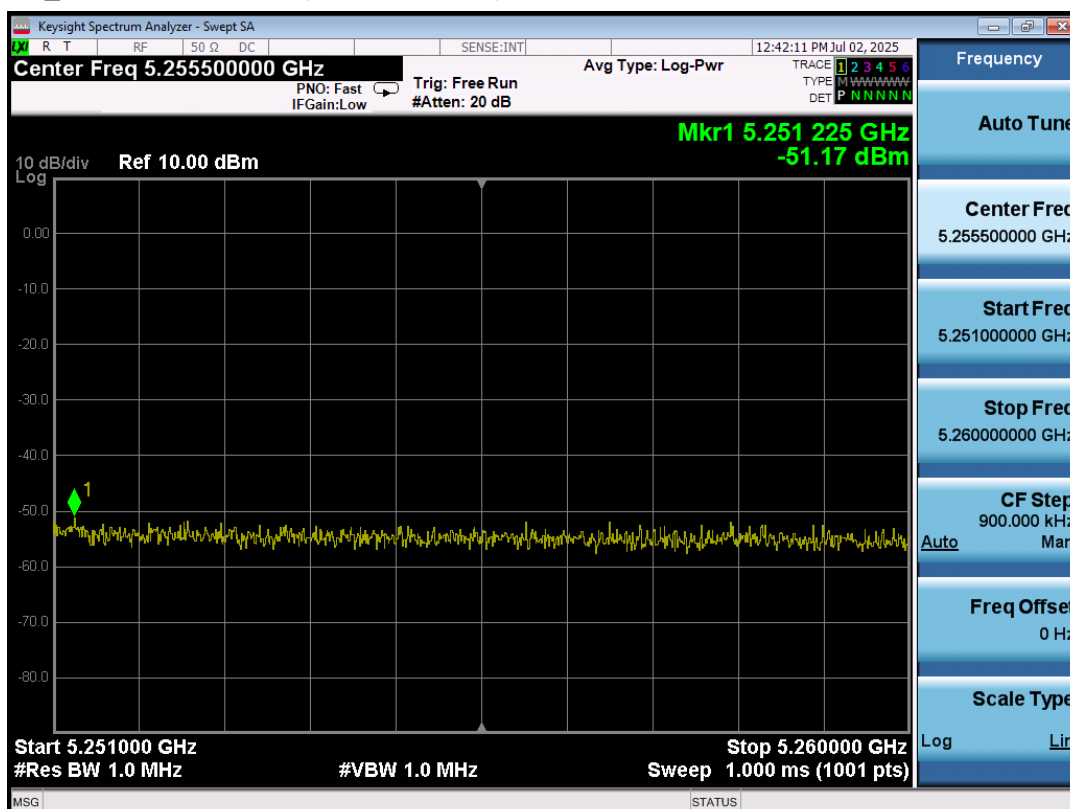
Chain B_Mode 5 : Transmit (802.11ax HE20) ; 5220MHz : 5250 ~ 5250.2 MHz



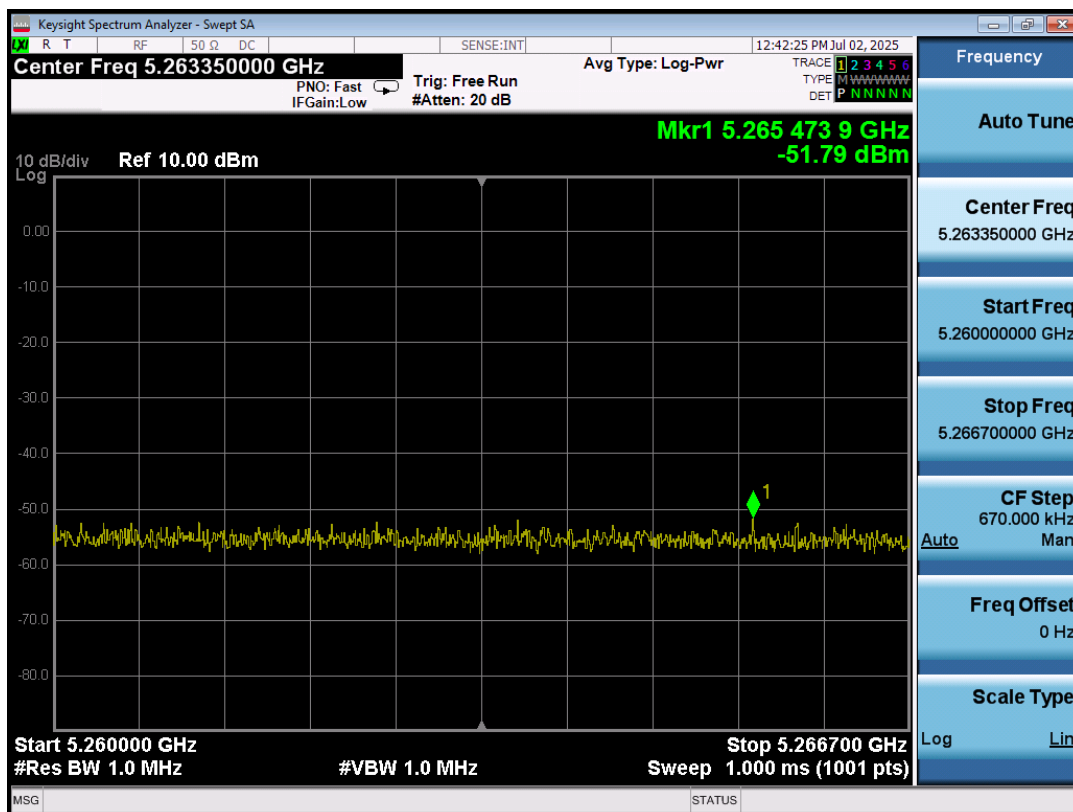
Chain B_Mode 5 : Transmit (802.11ax HE20) ; 5220MHz : 5250 ~ 5251 MHz



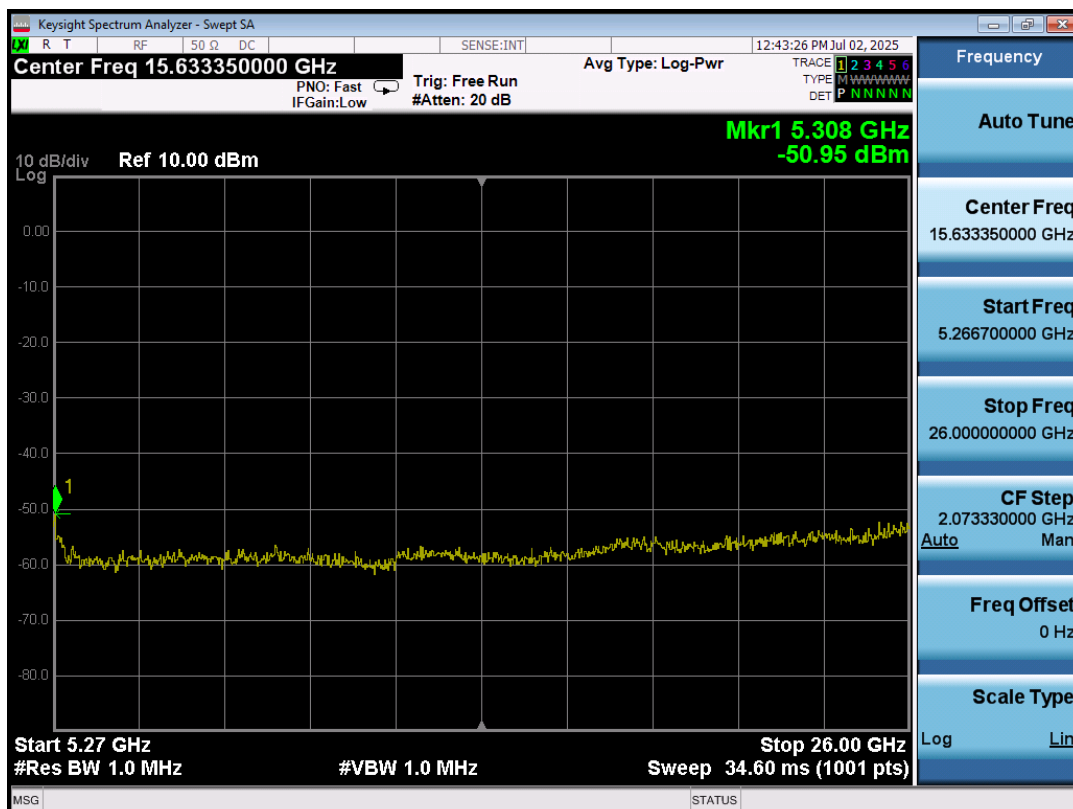
Chain B_Mode 5 : Transmit (802.11ax HE20) ; 5220MHz : 5251 ~ 5260 MHz



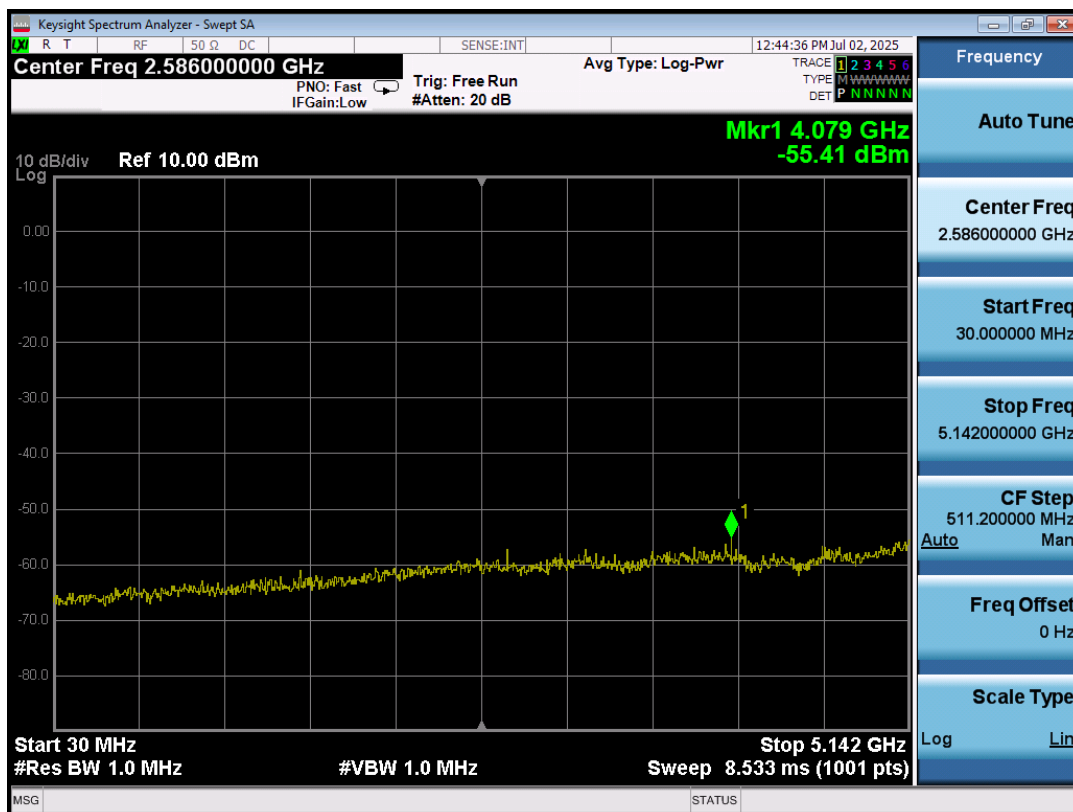
Chain B_Mode 5 : Transmit (802.11ax HE20) ; 5220MHz : 5260 ~ 5266.7 MHz



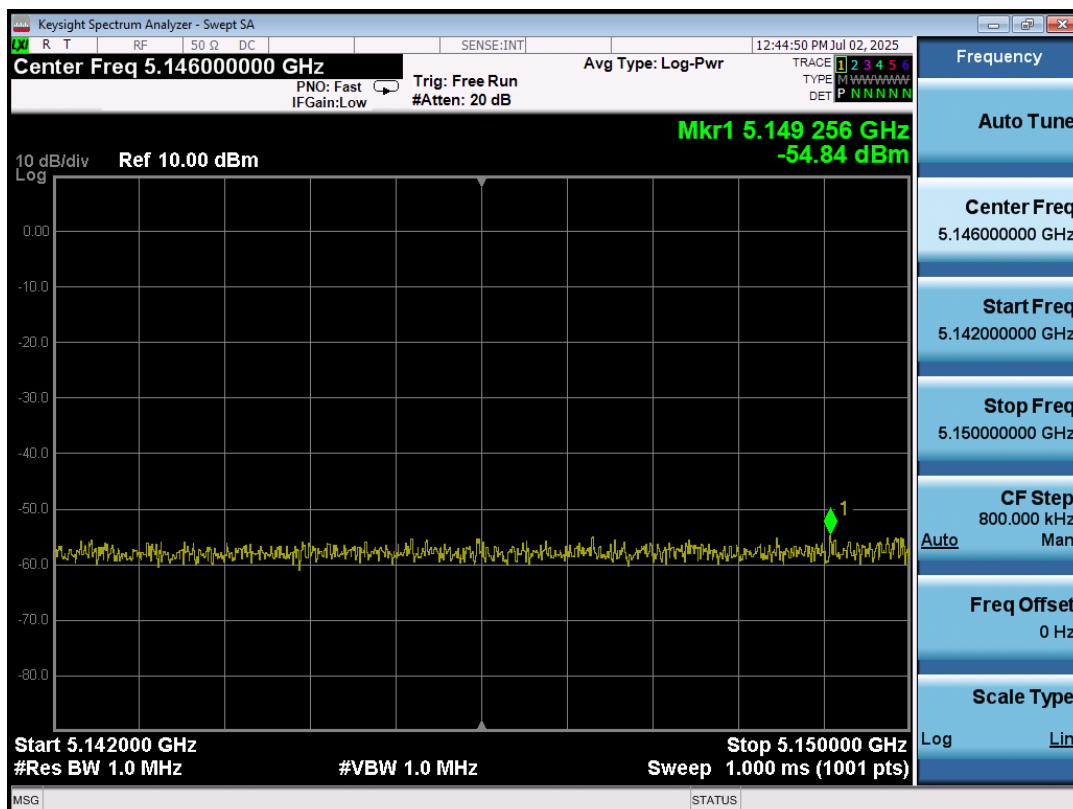
Chain B_Mode 5 : Transmit (802.11ax HE20) ; 5220MHz : 5266.7 ~ 26000MHz



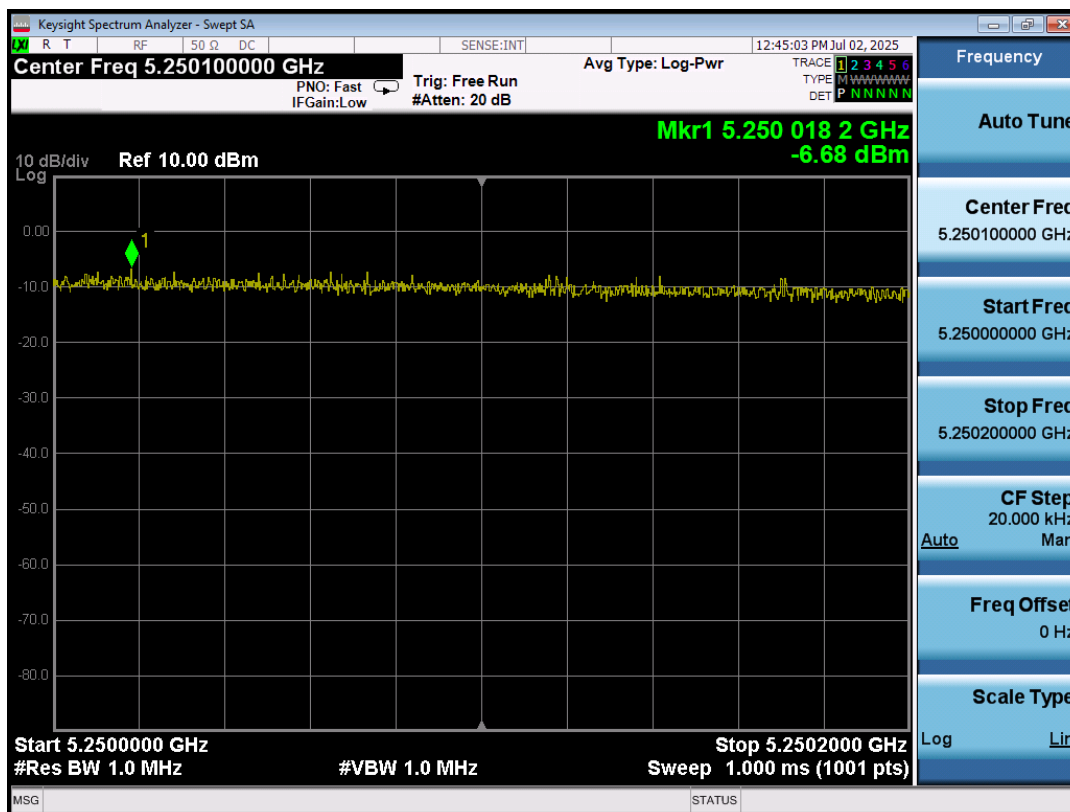
Chain B_Mode 5 : Transmit (802.11ax HE20) ; 5240MHz : 30 ~ 5142MHz



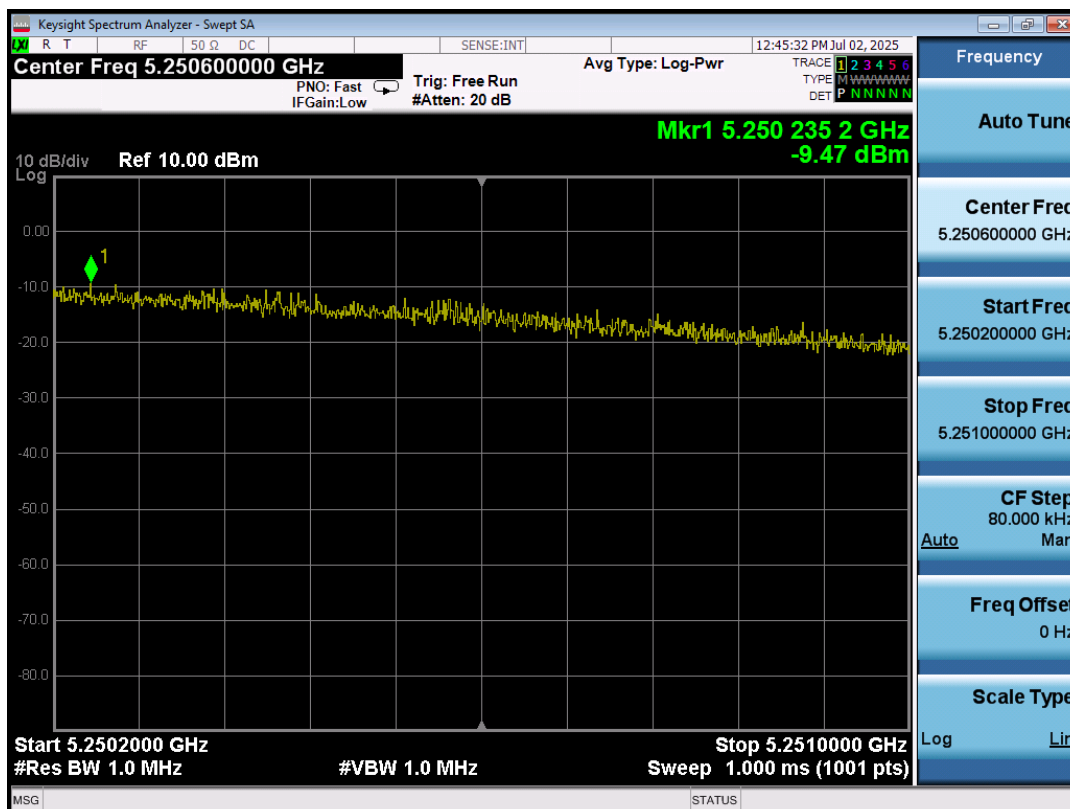
Chain B_Mode 5 : Transmit (802.11ax HE20) ; 5240MHz : 5142 ~ 5150 MHz



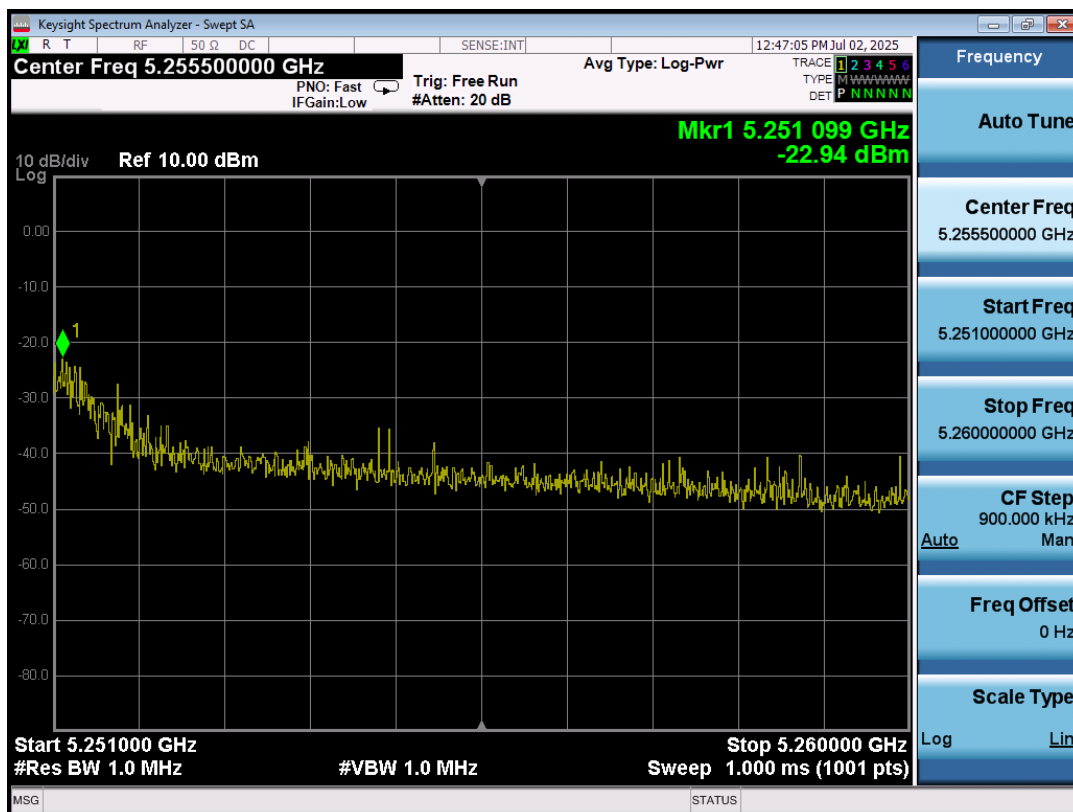
Chain B_Mode 5 : Transmit (802.11ax HE20) ; 5240MHz : 5250 ~ 5250.2 MHz



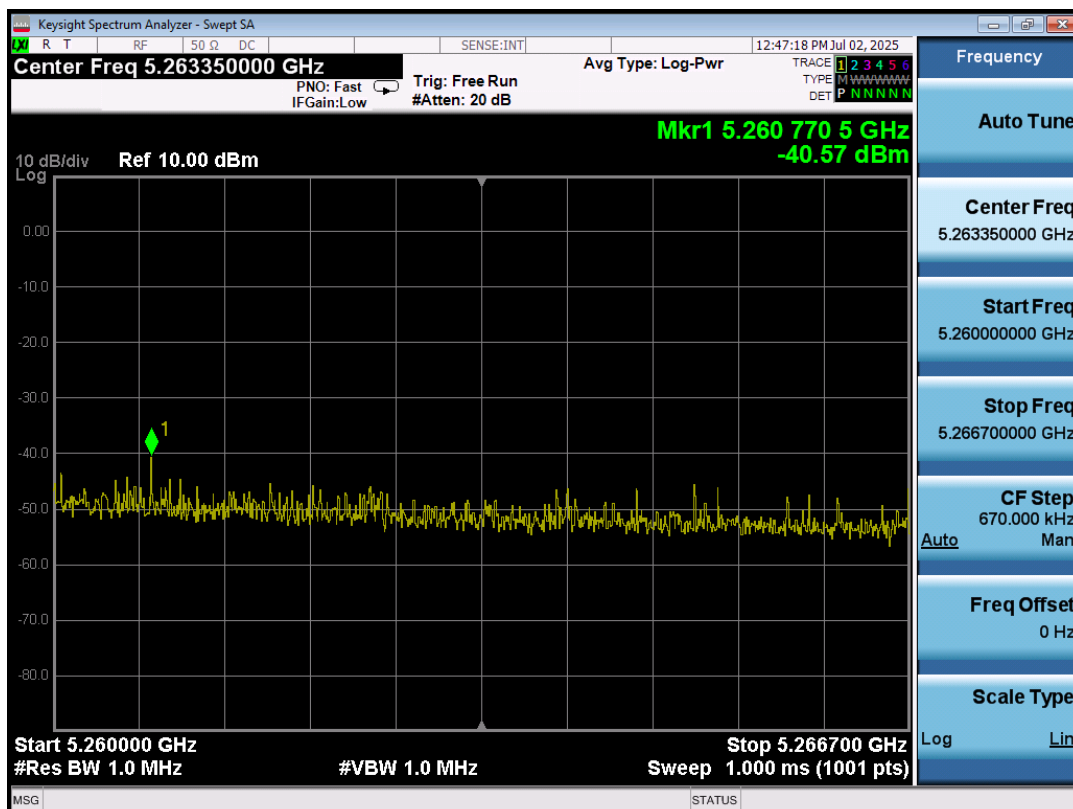
Chain B_Mode 5 : Transmit (802.11ax HE20) ; 5240MHz : 5250 ~ 5251 MHz



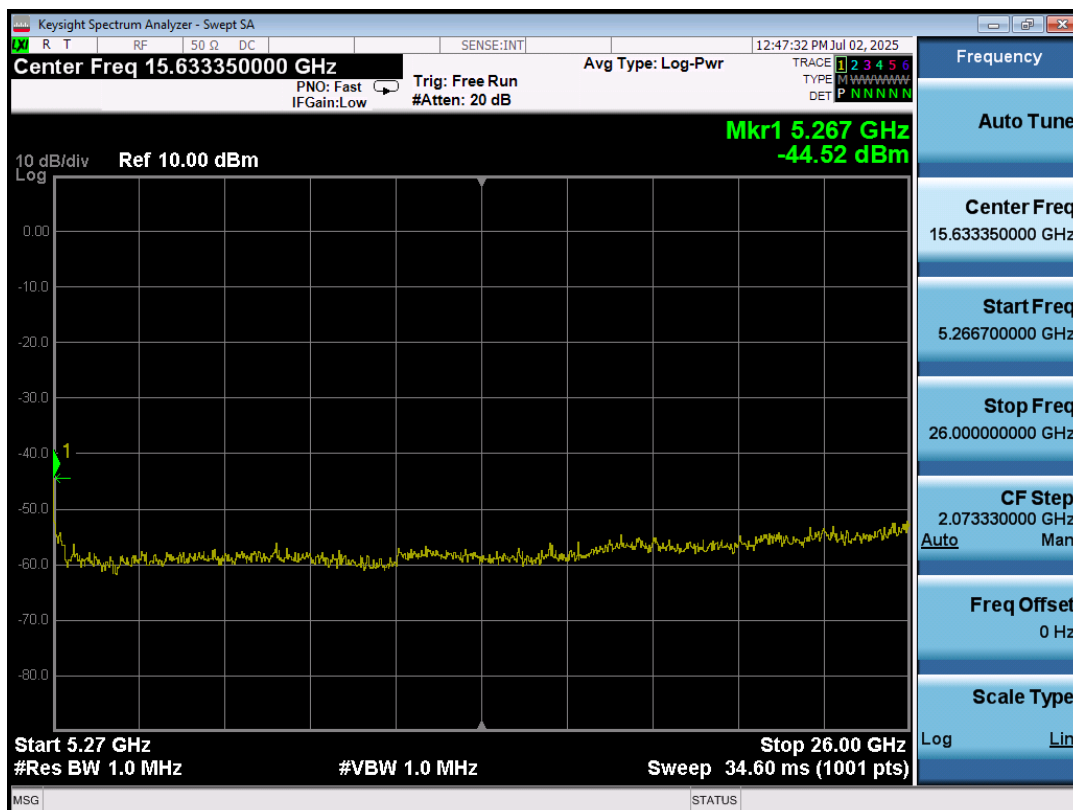
Chain B_Mode 5 : Transmit (802.11ax HE20) ; 5240MHz : 5251 ~ 5260 MHz



Chain B_Mode 5 : Transmit (802.11ax HE20) ; 5240MHz : 5260 ~ 5266.7 MHz



Chain B_Mode 5 : Transmit (802.11ax HE20) ; 5240MHz : 5266.7 ~ 26000MHz



Product : Audio Device
Test Item : Unwanted Emission Strength
Test Mode : Mode 6 : Transmit (802.11ax HE40)
Test Voltage : 100V

Freq. (MHz)	Test Freq. (MHz)	Chain A		Chain B		Total (μW/MHz)	Limit (μW/MHz)	Result
		dBm/MHz	μW/MHz	dBm/MHz	μW/MHz			
5190	30 ~ 5141.6	-43.50	0.0447	-42.07	0.0621	0.1068	≤ 2.50	Pass
	5141.6 ~ 5150	-40.26	0.0942	-50.10	0.0098	0.1040	≤ 15.00	Pass
	5250 ~ 5251	-45.69	0.0270	-45.47	0.0284	0.0554	≤ 473.12	Pass
	5251 ~ 5270	-48.76	0.0133	-48.31	0.0148	0.0281	≤ 18.66	Pass
	5270 ~ 5278.4	-49.18	0.0121	-49.67	0.0108	0.0229	≤ 7.40	Pass
	5278.4 ~ 26000	-49.74	0.0106	-50.71	0.0085	0.0191	≤ 2.50	Pass
5230	30 ~ 5141.6	-52.27	0.0059	-50.75	0.0084	0.0143	≤ 2.50	Pass
	5141.6 ~ 5150	-50.86	0.0082	-48.08	0.0156	0.0238	≤ 15.00	Pass
	5250 ~ 5251	-14.44	35.9749	-14.91	32.2849	68.2599	≤ 447.68	Pass
	5251 ~ 5270	-30.04	0.9908	-29.21	1.1995	2.1903	≤ 49.63	Pass
	5270 ~ 5278.4	-40.49	0.0893	-34.01	0.3972	0.4865	≤ 7.21	Pass
	5278.4 ~ 26000	-47.58	0.0175	-35.92	0.2559	0.2733	≤ 2.50	Pass

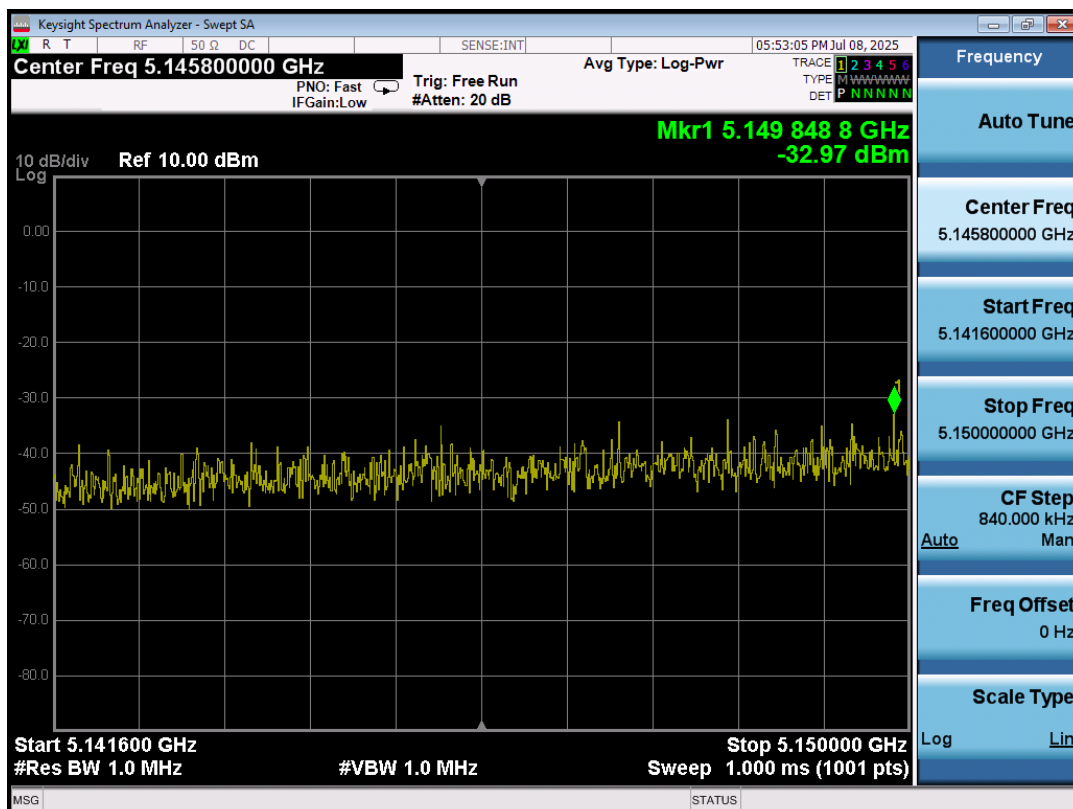
Note:

- (1) The frequency(30~1000MHz) test unit is μW/100kHz : $\mu\text{W}/\text{MHz} = \text{Measured Value}(\mu\text{W}/100\text{kHz}) * 10$
- (2) Actual value = Reading value + cable loss
- (3) The spectrum plots are attached on the following pages.

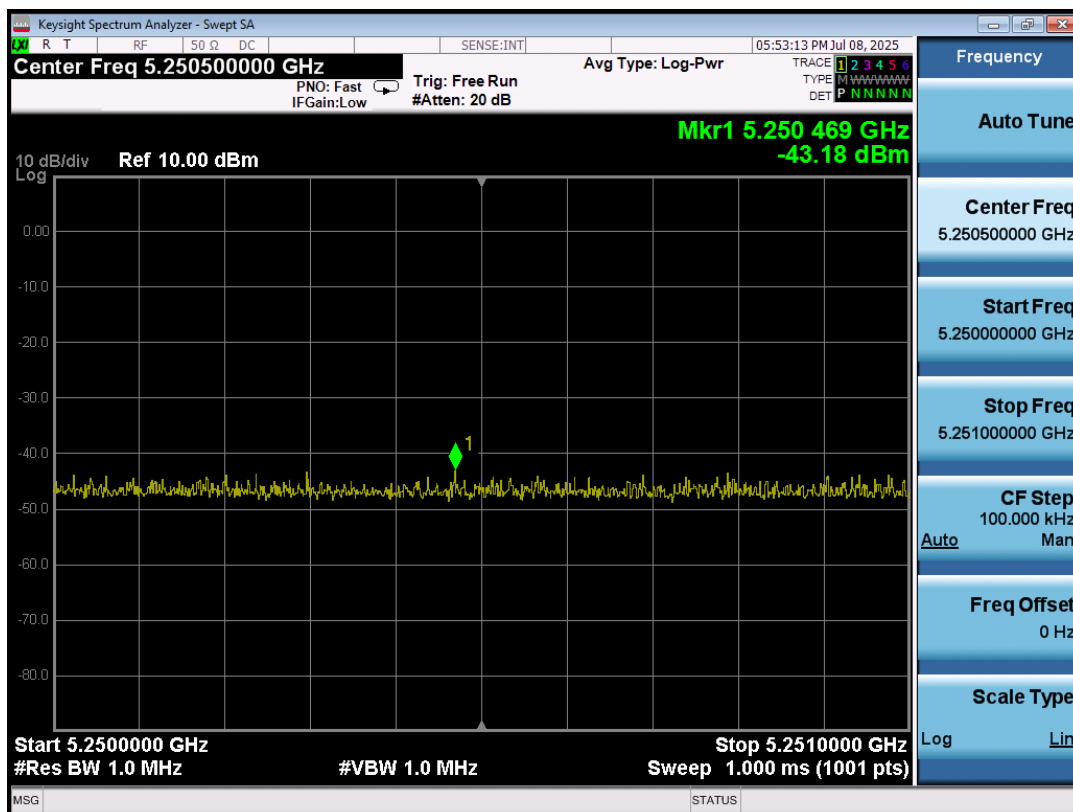
Chain A_Mode 6 : Transmit (802.11ax HE40) ; 5190MHz : 30MHz ~ 5141.6MHz



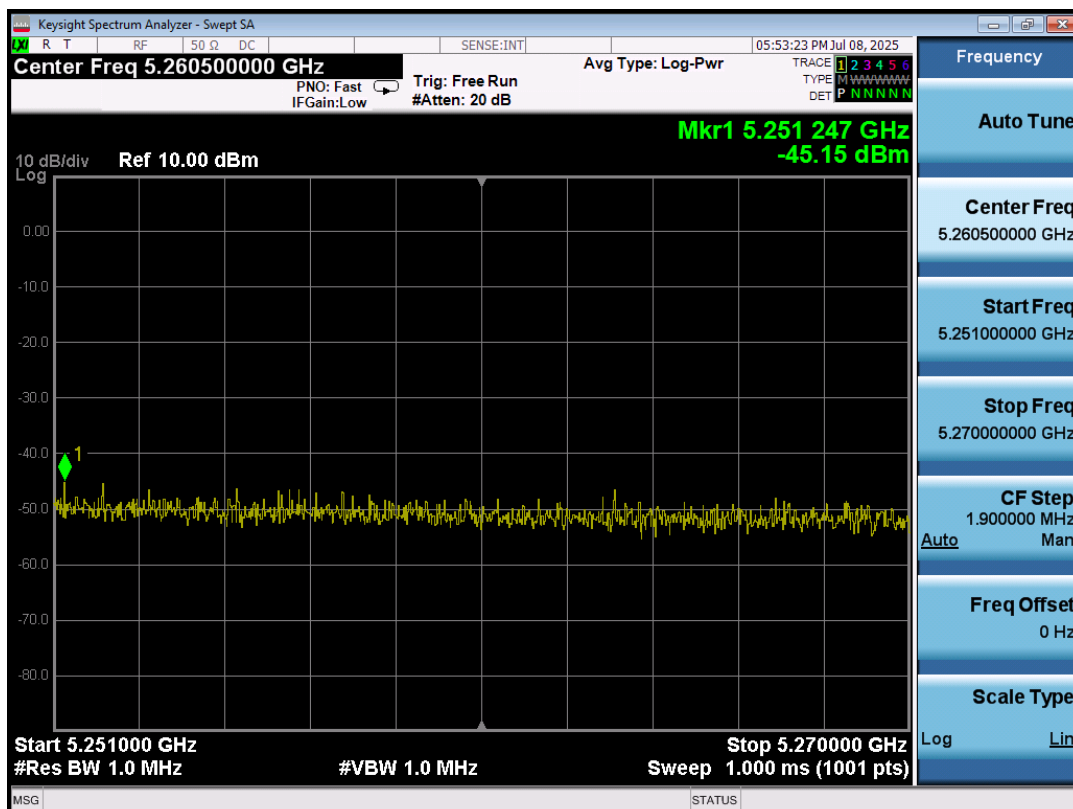
Chain A_Mode 6 : Transmit (802.11ax HE40) ; 5190MHz : 5141.6 ~ 5150MHz



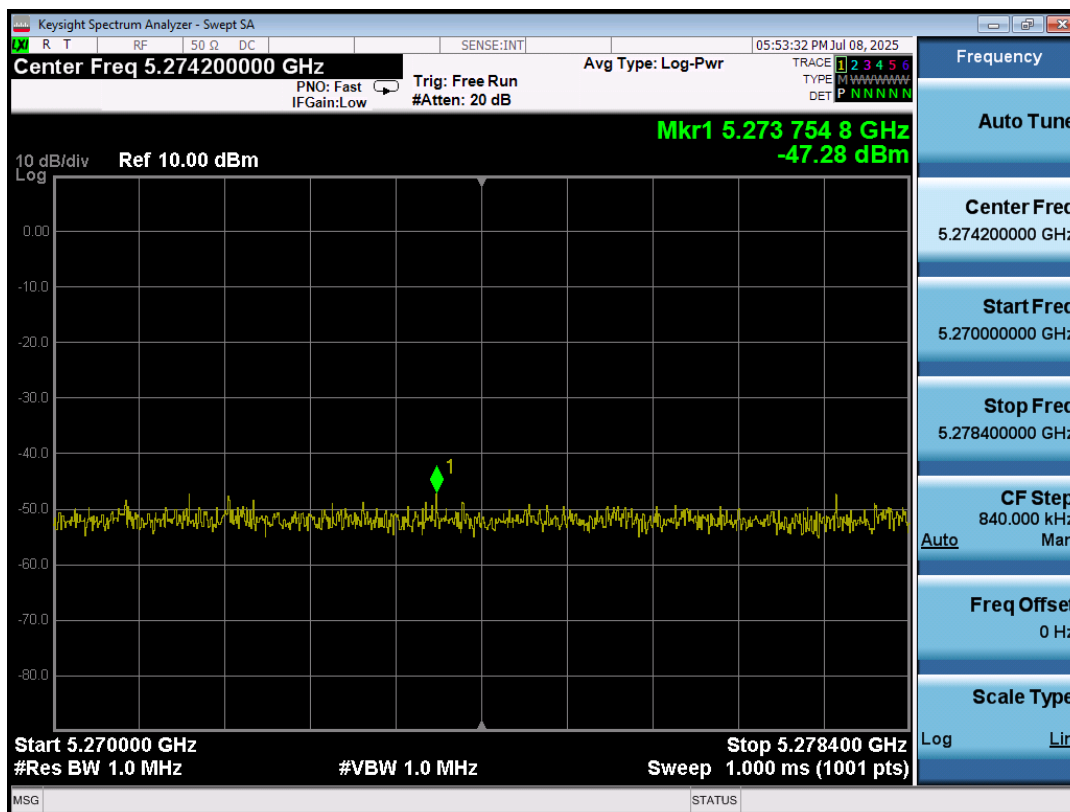
Chain A_Mode 6 : Transmit (802.11ax HE40) ; 5190MHz : 5250 ~ 5251MHz



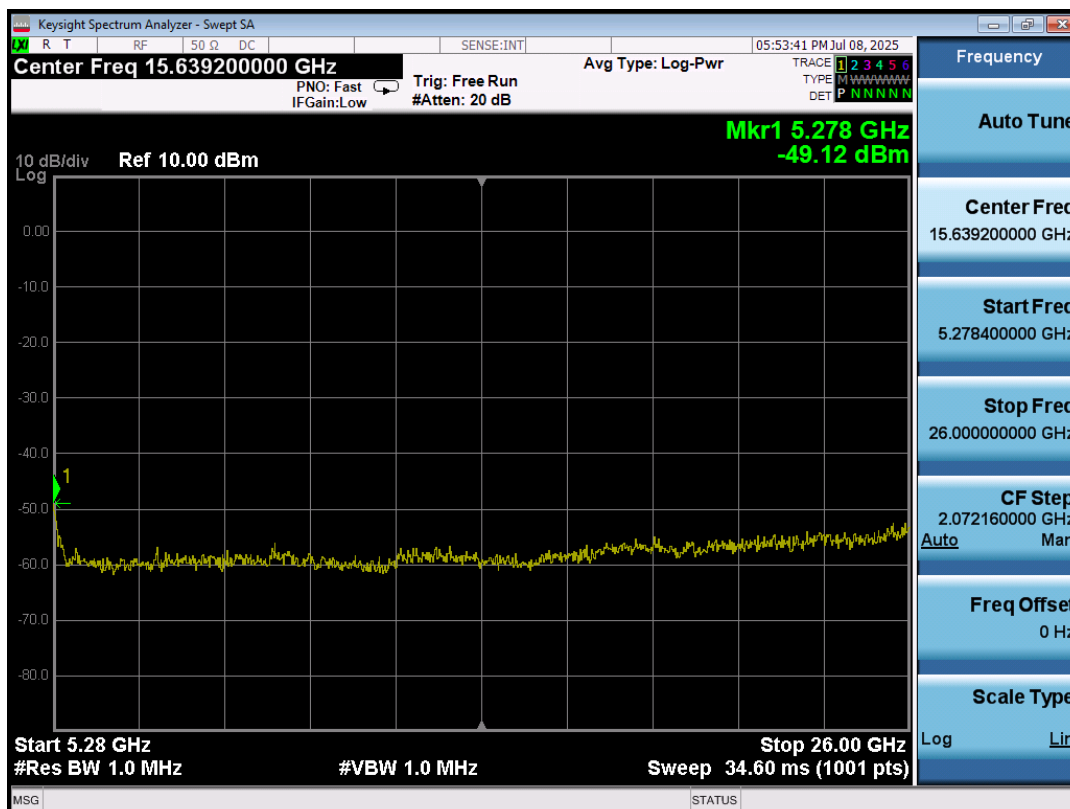
Chain A_Mode 6 : Transmit (802.11ax HE40) ; 5190MHz : 5251 ~ 5270MHz



Chain A_Mode 6 : Transmit (802.11ax HE40) ; 5190MHz : 5270 ~ 5278.4MHz



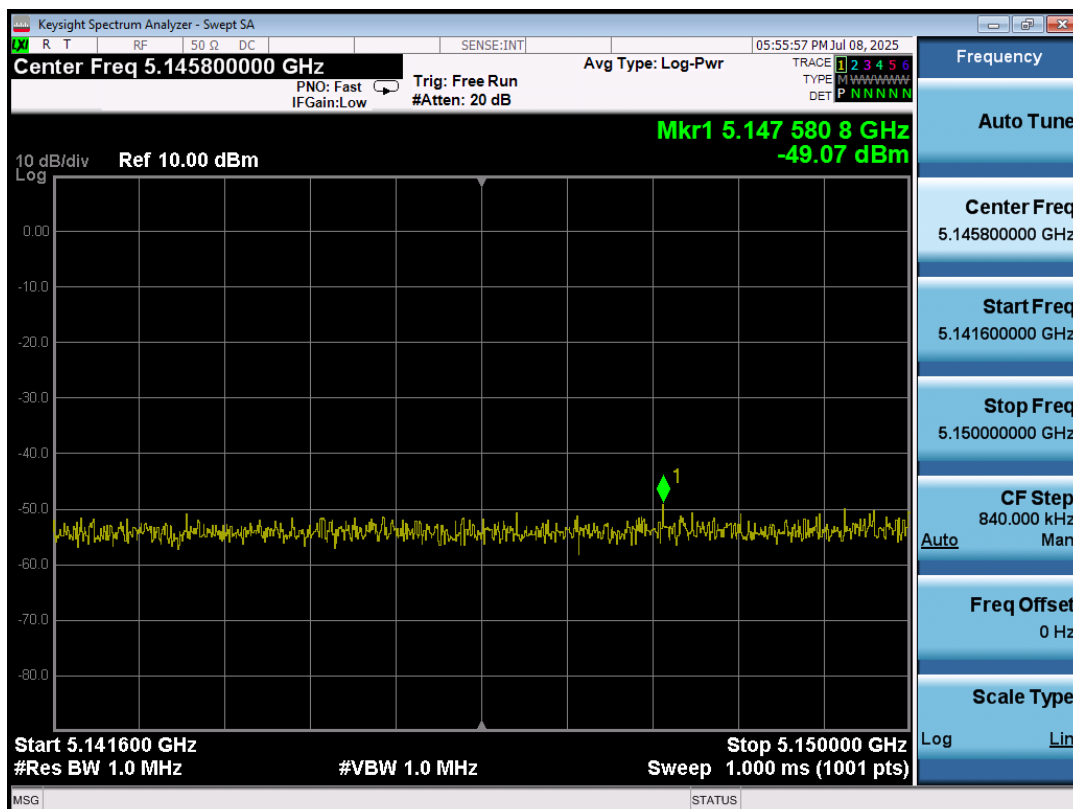
Chain A_Mode 6 : Transmit (802.11ax HE40) ; 5190MHz : 5278.4MHz ~ 26000MHz



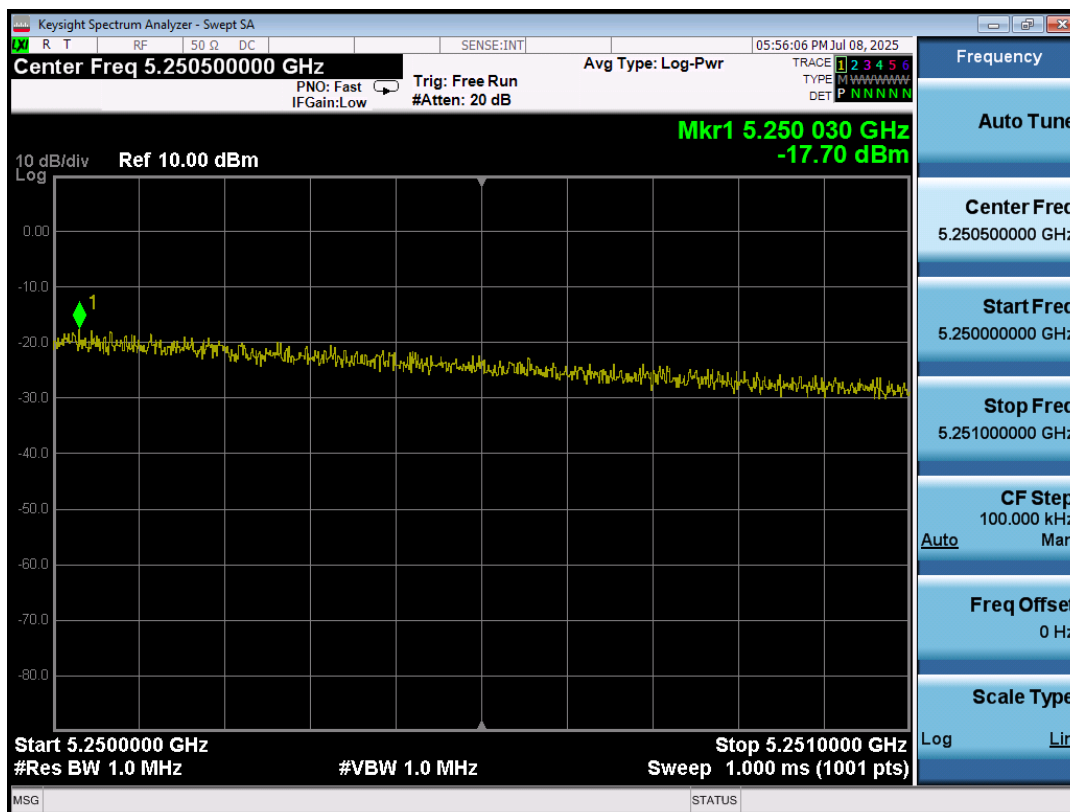
Chain A_Mode 6 : Transmit (802.11ax HE40) ; 5230MHz : 30MHz ~ 5141.6MHz



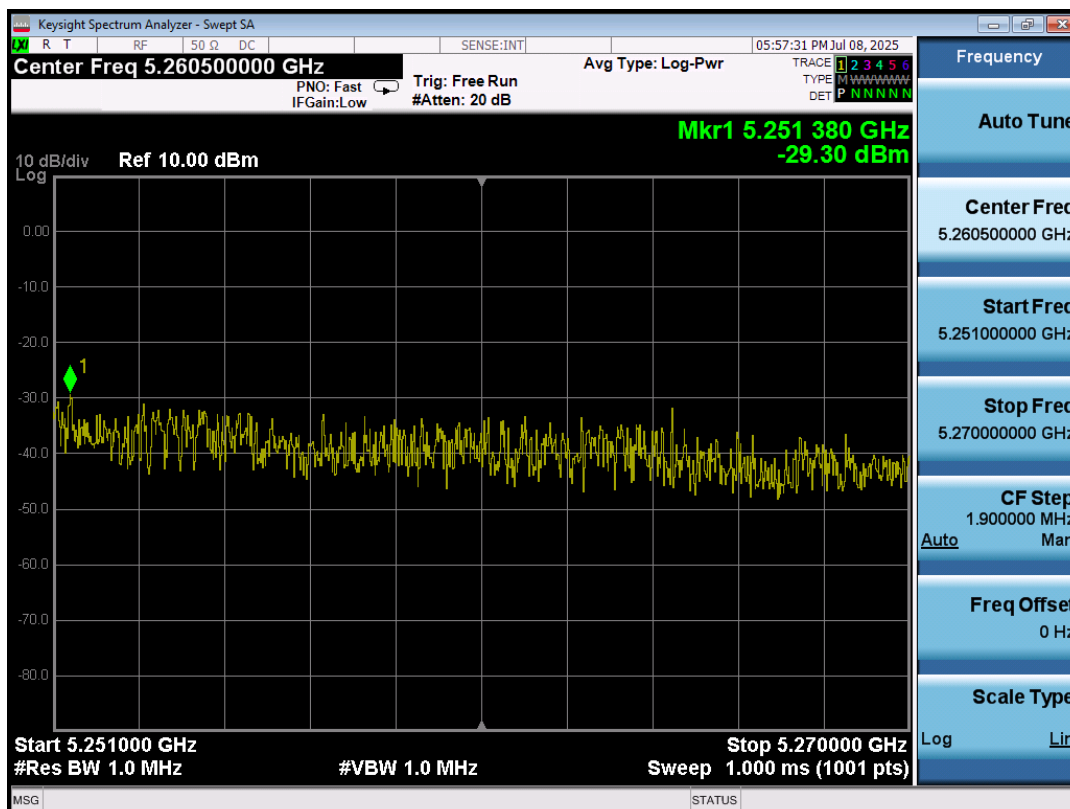
Chain A_Mode 6 : Transmit (802.11ax HE40) ; 5230MHz : 5141.6 ~ 5150MHz



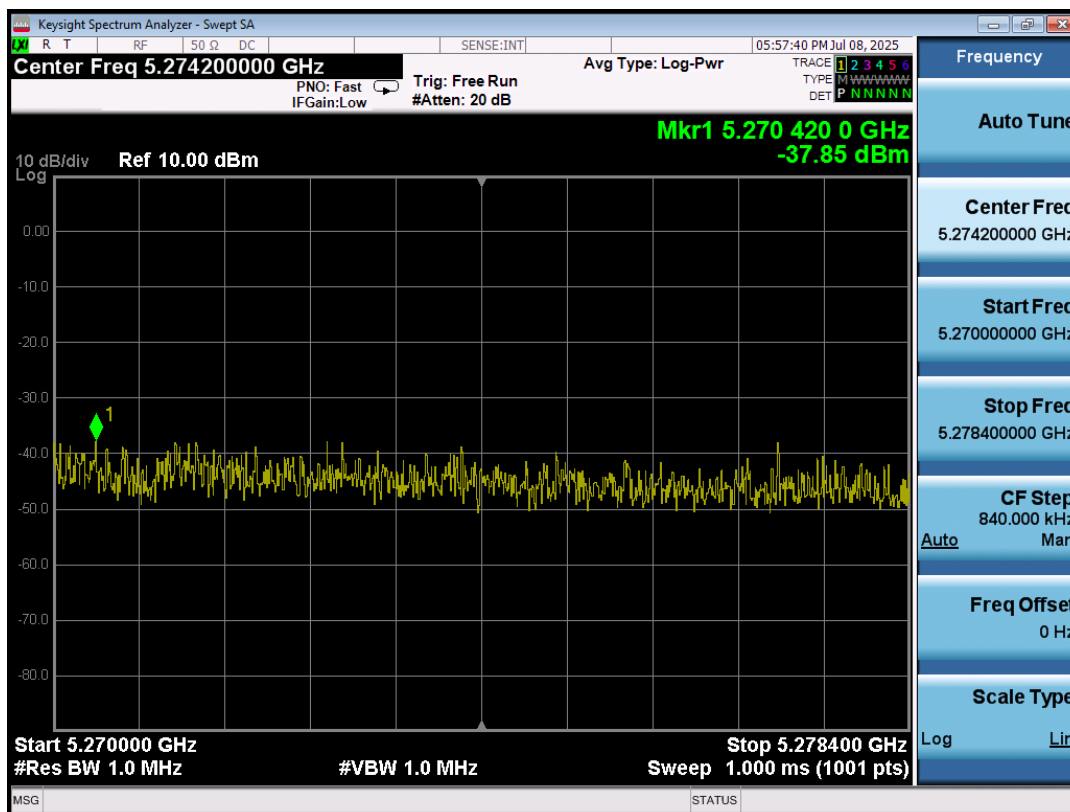
Chain A_Mode 6 : Transmit (802.11ax HE40) ; 5230MHz : 5250 ~ 5251MHz



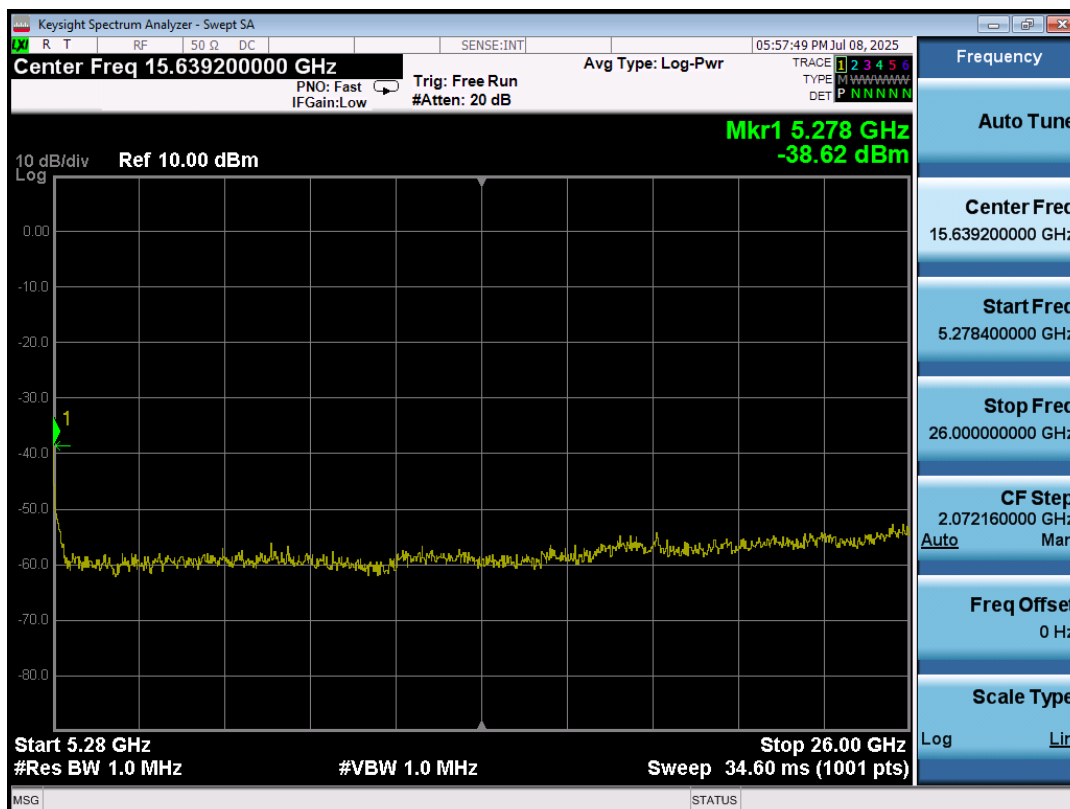
Chain A_Mode 6 : Transmit (802.11ax HE40) ; 5230MHz : 5251 ~ 5270MHz



Chain A_Mode 6 : Transmit (802.11ax HE40) ; 5230MHz : 5270 ~ 5278.4MHz



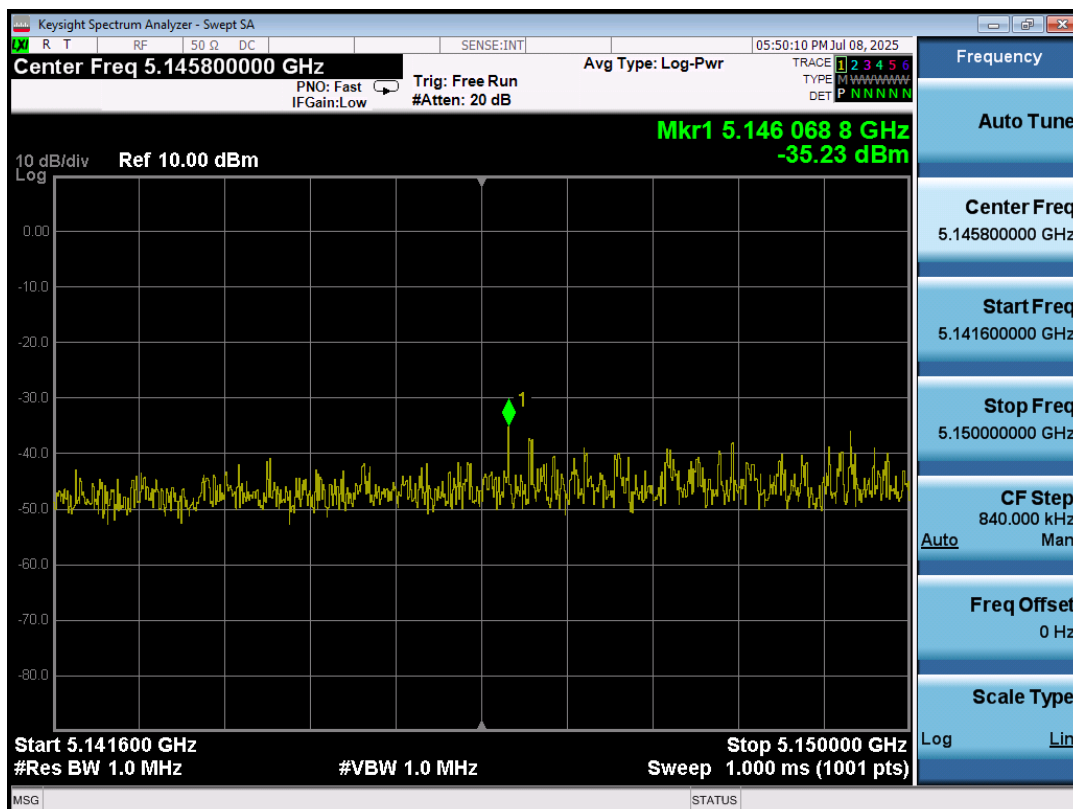
Chain A_Mode 6 : Transmit (802.11ax HE40) ; 5230MHz : 5278.4MHz ~ 26000MHz



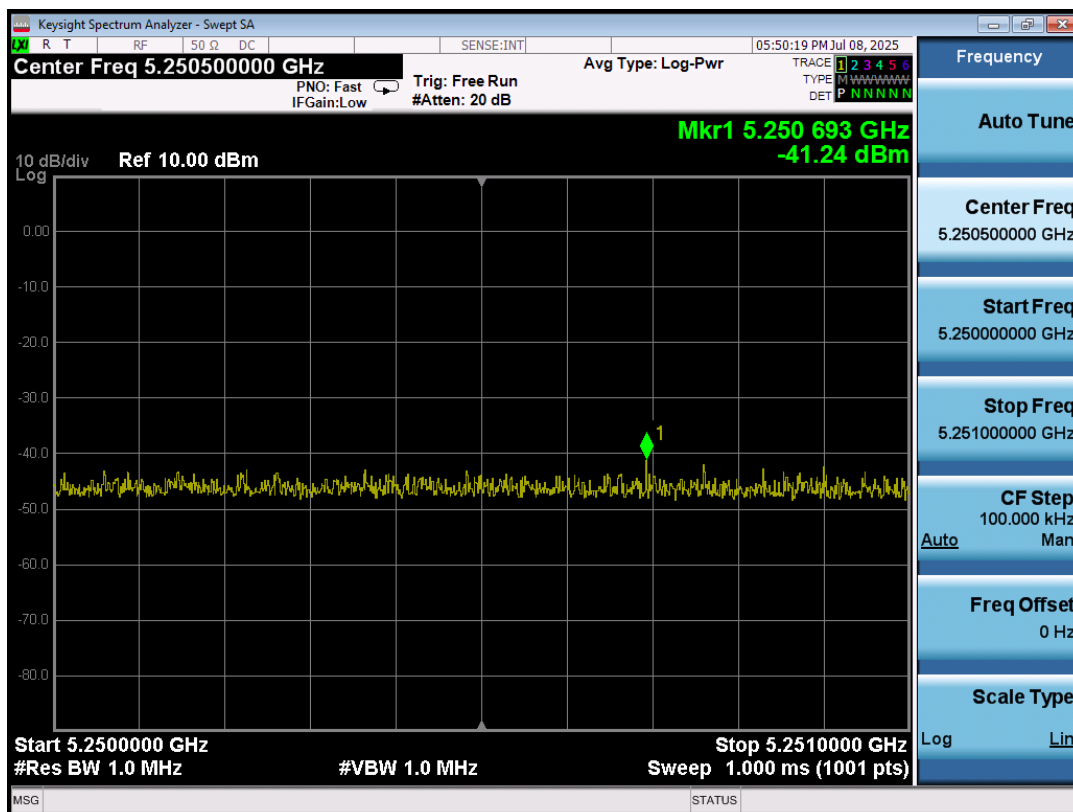
Chain B_Mode 6 : Transmit (802.11ax HE40) ; 5190MHz : 30MHz ~ 5141.6MHz



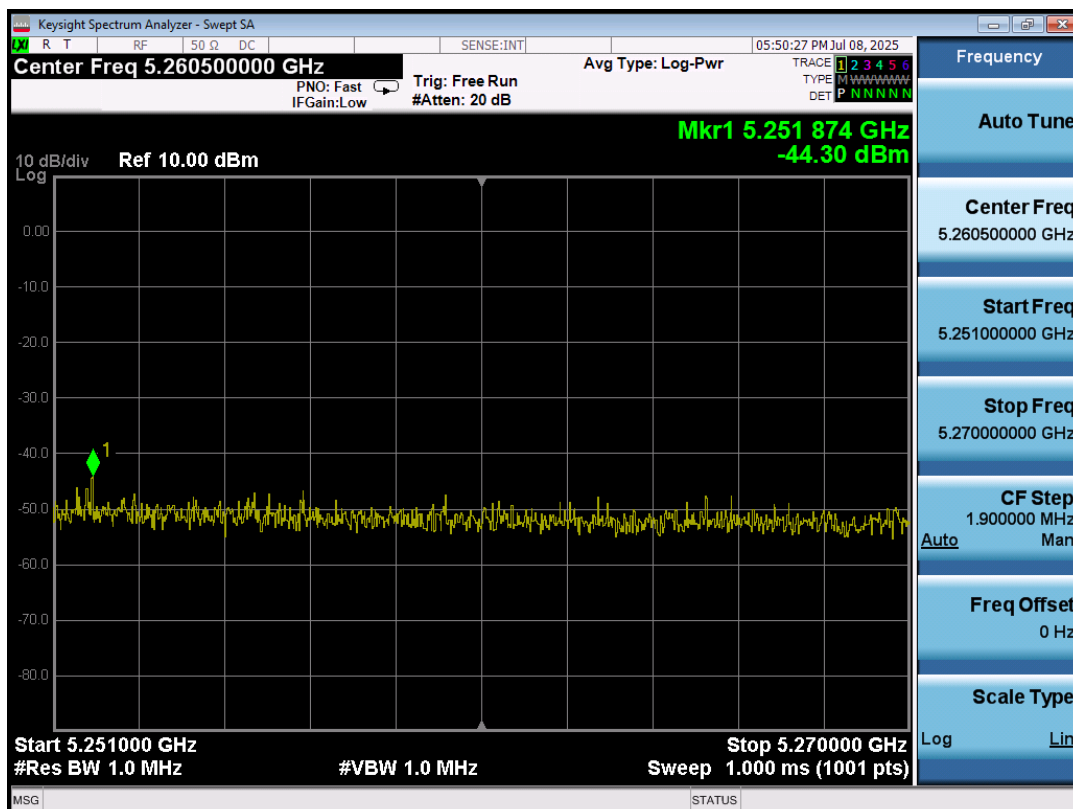
Chain B_Mode 6 : Transmit (802.11ax HE40) ; 5190MHz : 5141.6 ~ 5150MHz



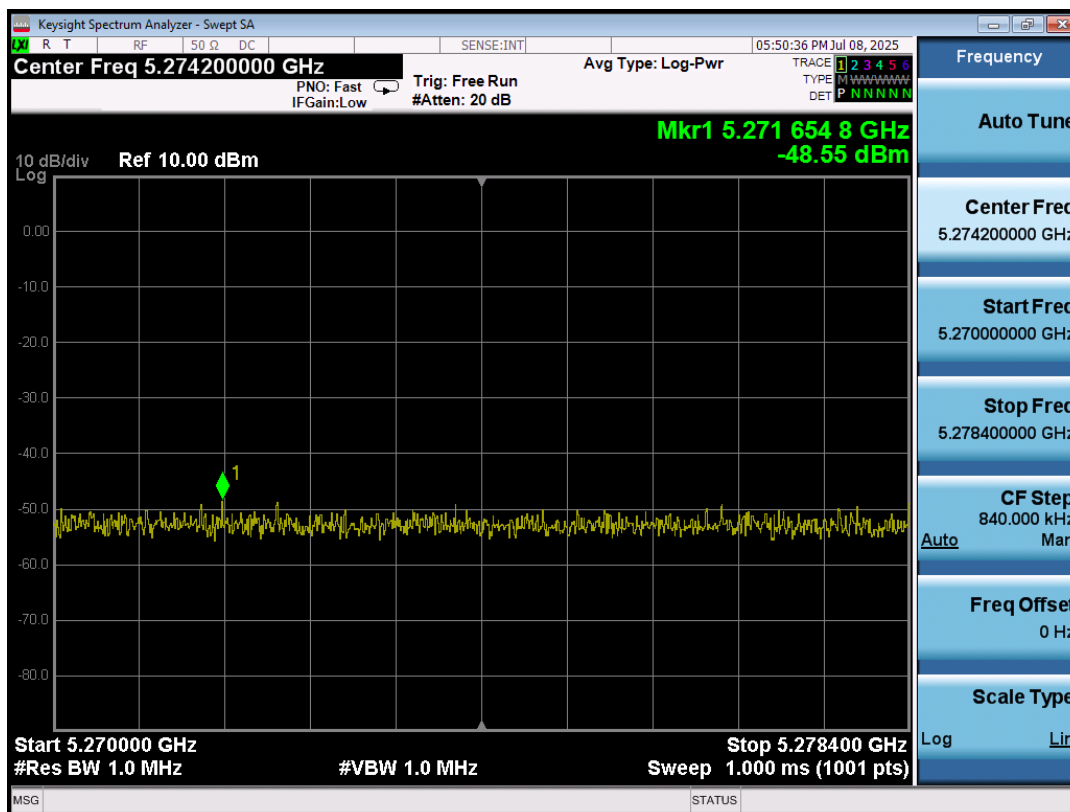
Chain B_Mode 6 : Transmit (802.11ax HE40) ; 5190MHz : 5250 ~ 5251MHz



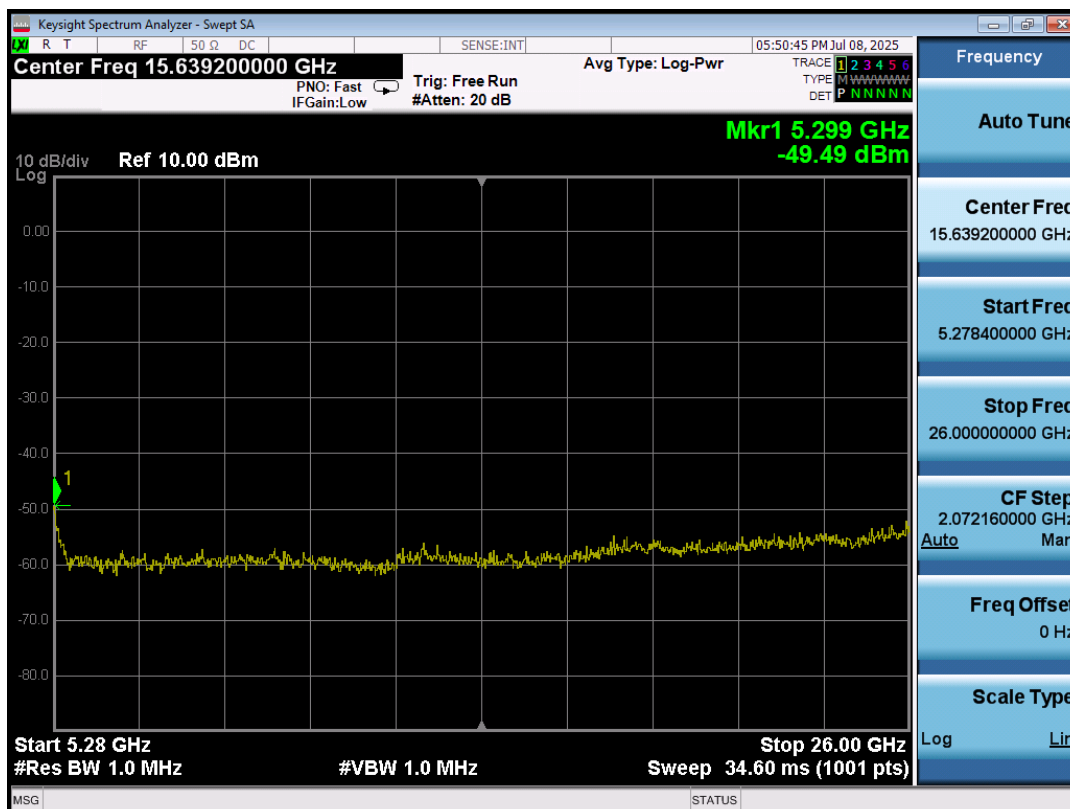
Chain B_Mode 6 : Transmit (802.11ax HE40) ; 5190MHz : 5251 ~ 5270MHz



Chain B_Mode 6 : Transmit (802.11ax HE40) ; 5190MHz : 5270 ~ 5278.4MHz



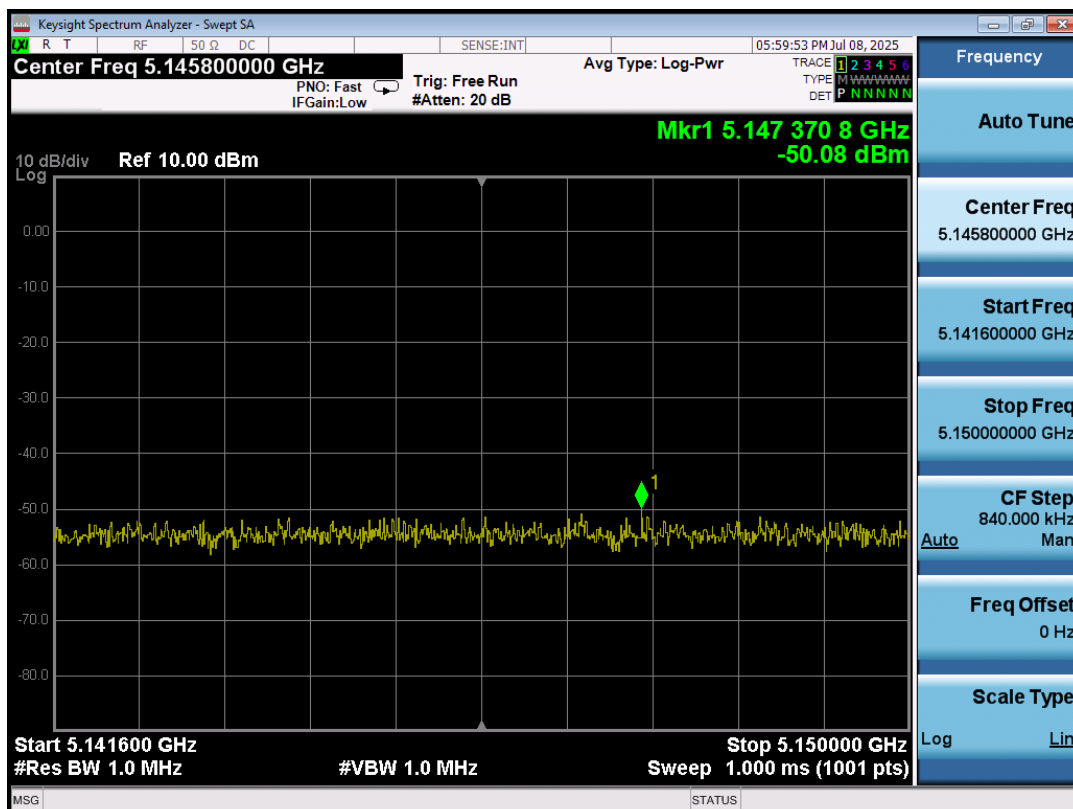
Chain B_Mode 6 : Transmit (802.11ax HE40) ; 5190MHz : 5278.4MHz ~ 26000MHz



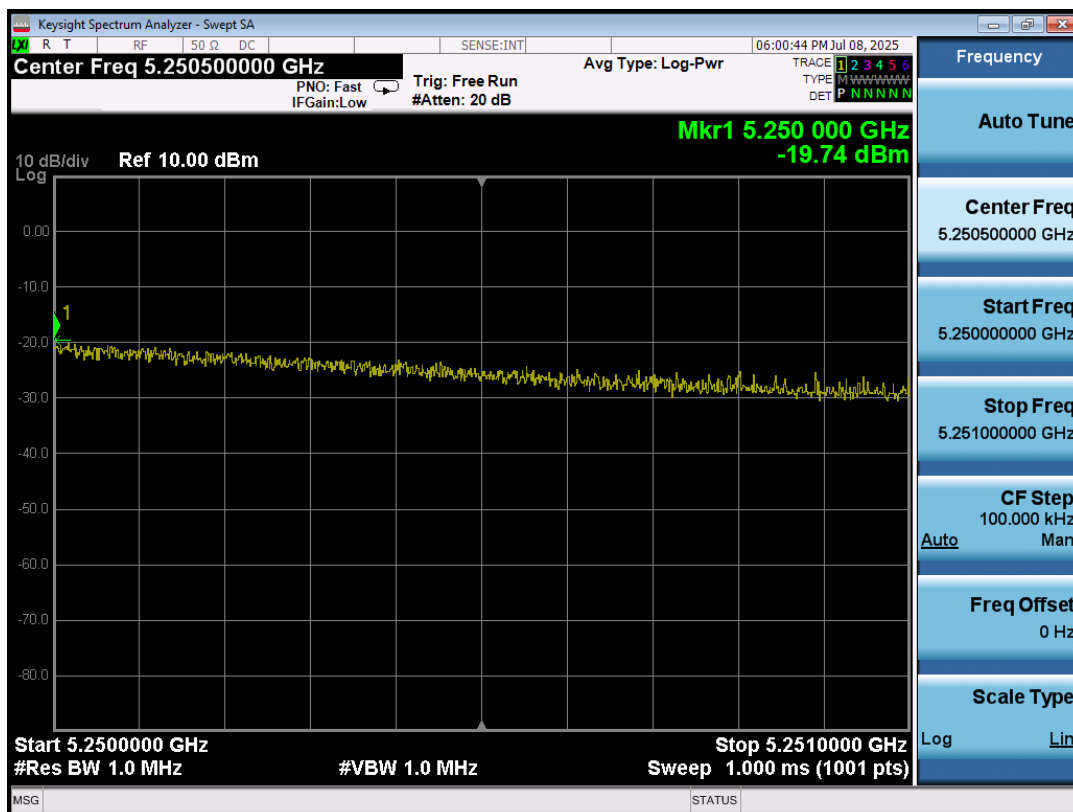
Chain B_Mode 6 : Transmit (802.11ax HE40) ; 5230MHz : 30MHz ~ 5141.6MHz



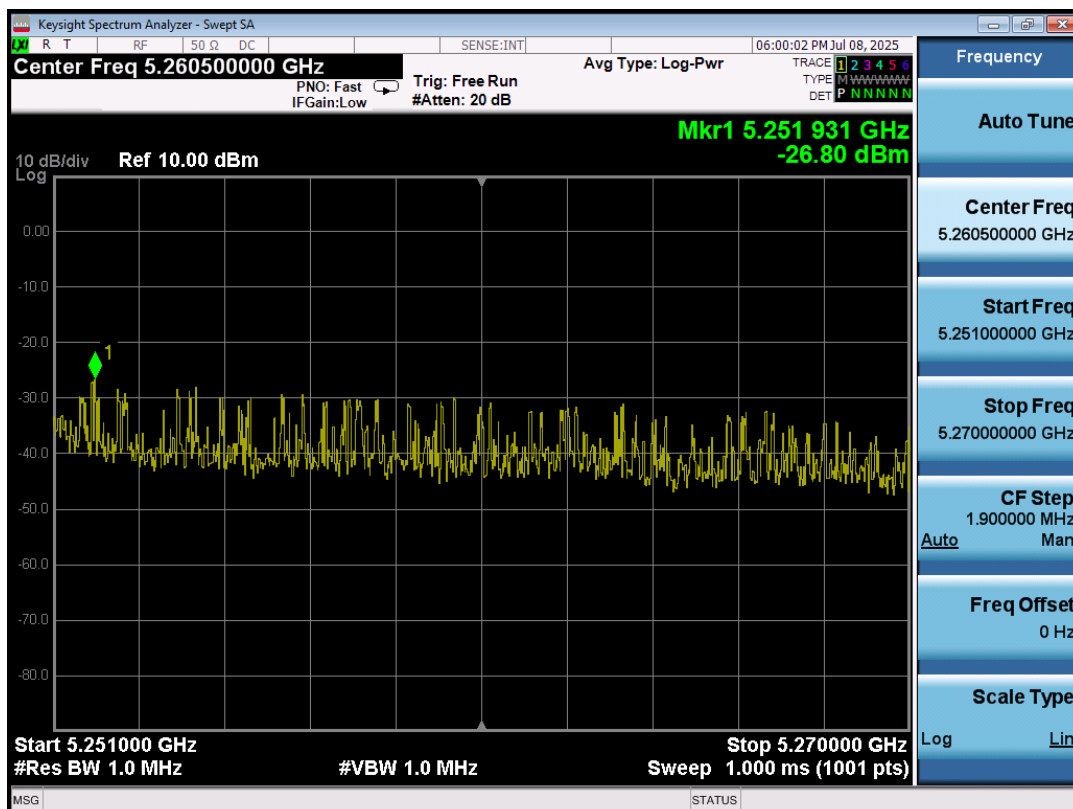
Chain B_Mode 6 : Transmit (802.11ax HE40) ; 5230MHz : 5141.6 ~ 5150MHz



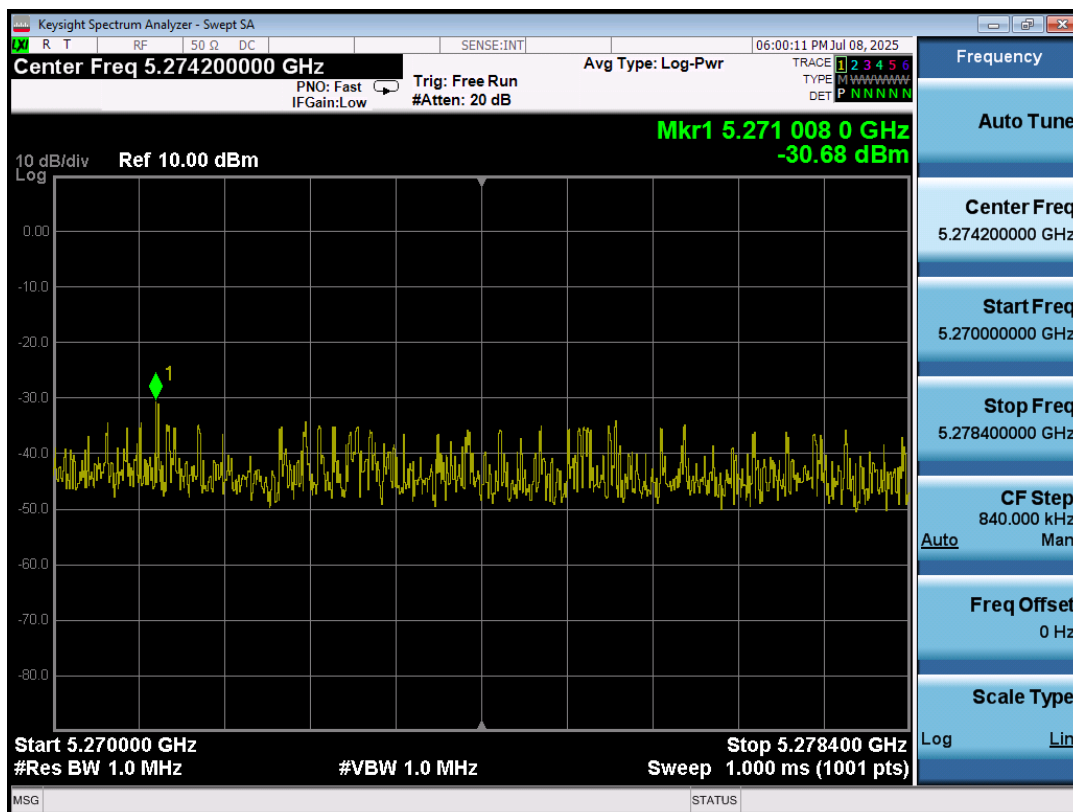
Chain B_Mode 6 : Transmit (802.11ax HE40) ; 5230MHz : 5250 ~ 5251MHz



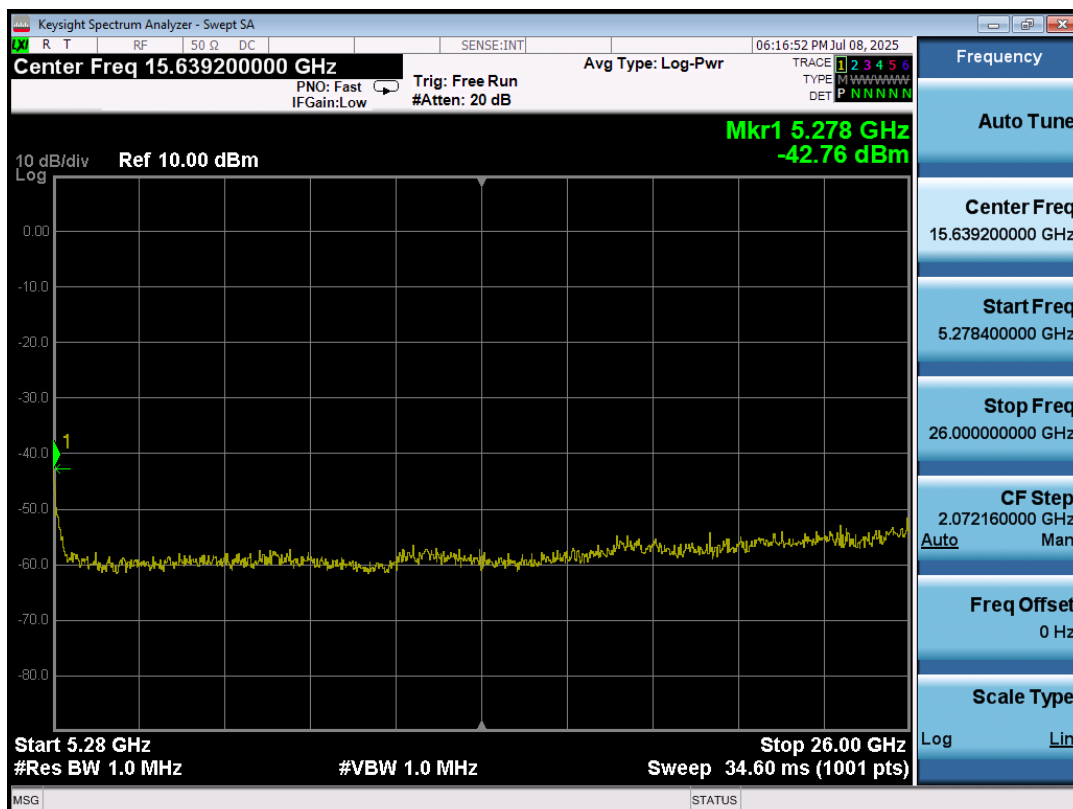
Chain B_Mode 6 : Transmit (802.11ax HE40) ; 5230MHz : 5251 ~ 5270MHz



Chain B_Mode 6 : Transmit (802.11ax HE40) ; 5230MHz : 5270 ~ 5278.4MHz



Chain B_Mode 6 : Transmit (802.11ax HE40) ; 5230MHz : 5278.4MHz ~ 26000MHz



Product : Audio Device
Test Item : Unwanted Emission Strength
Test Mode : Mode 7 : Transmit (802.11ax HE80)
Test Voltage : 100V

Freq. (MHz)	Test Freq. (MHz)	Chain A		Chain B		Total (μW/MHz)	Limit (μW/MHz)	Result
		dBm/MHz	μW/MHz	dBm/MHz	μW/MHz			
5210	30 ~ 5123.2	-47.58	0.0175	-43.68	0.0429	0.0603	≤ 2.50	Pass
	5123.2 ~ 5150	-43.82	0.0415	-38.17	0.1524	0.1939	≤ 15.00	Pass
	5250 ~ 5251	-15.93	25.5270	-14.87	32.5837	58.1107	≤ 240.40	Pass
	5251 ~ 5290	-30.31	0.9311	-30.32	0.9290	1.8601	≤ 24.82	Pass
	5290 ~ 5296.7	-45.86	0.0259	-40.02	0.0995	0.1255	≤ 2.96	Pass
	5296.7 ~ 26000	-46.34	0.0232	-43.80	0.0417	0.0649	≤ 2.50	Pass

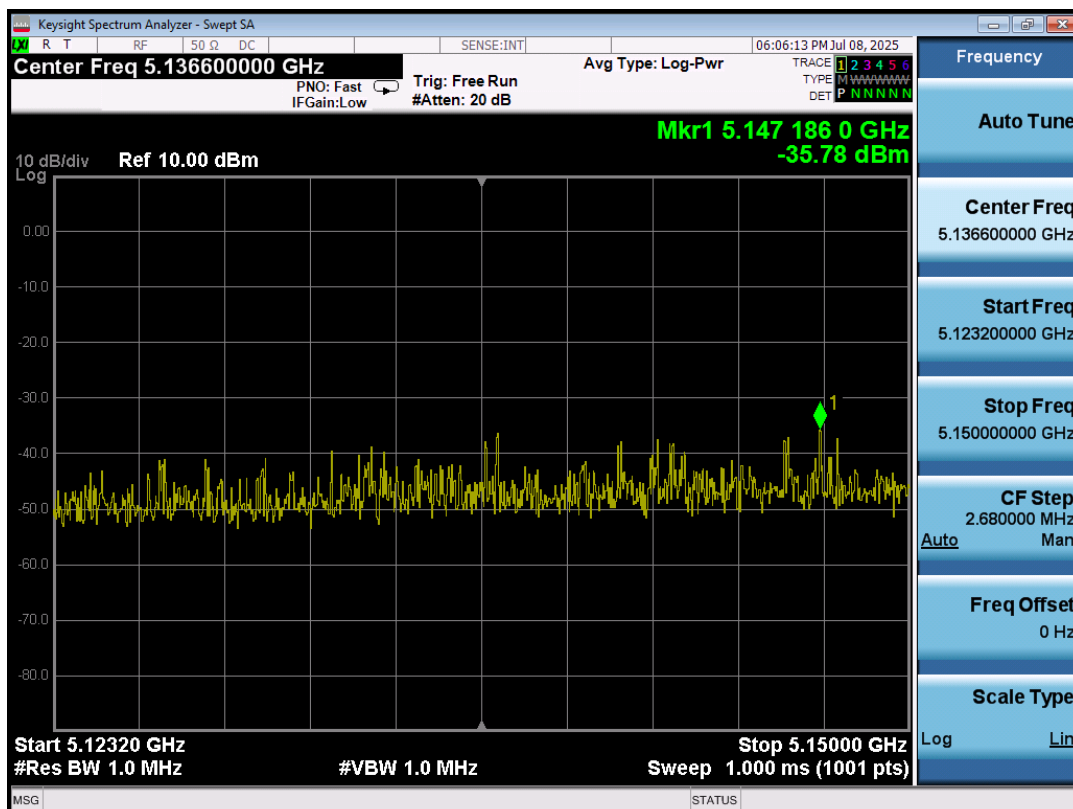
Note:

- (1) The frequency(30~1000MHz) test unit is μW/100kHz : $\mu\text{W}/\text{MHz} = \text{Measured Value}(\mu\text{W}/100\text{kHz}) * 10$
- (2) Actual value = Reading value + cable loss
- (3) The spectrum plots are attached on the following pages.

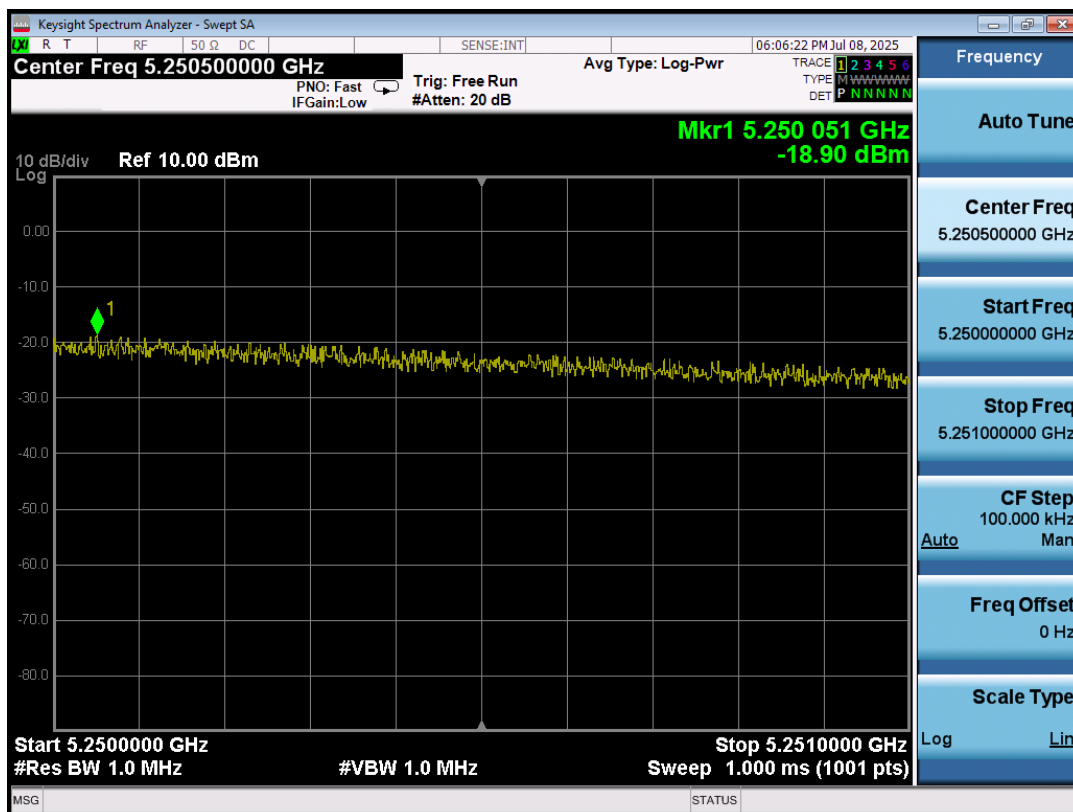
Chain A_Mode 7 : Transmit (802.11ax HE80) ; 5210MHz : 30MHz ~ 5123.2MHz



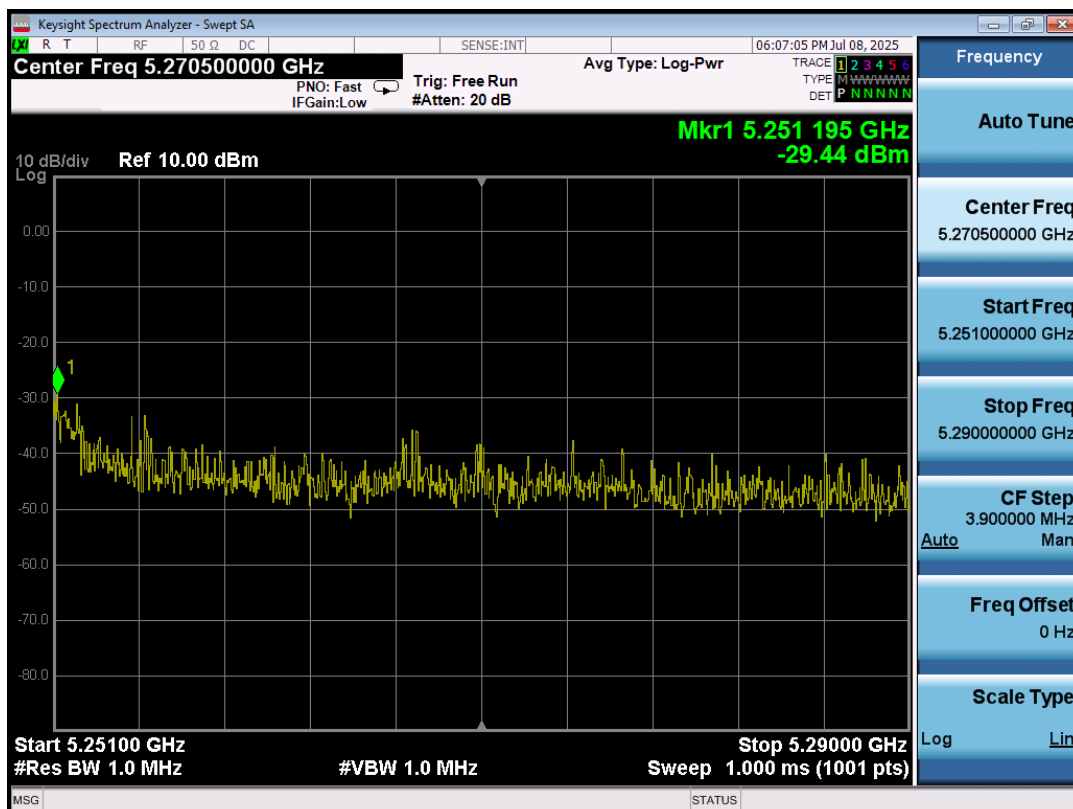
Chain A_Mode 7 : Transmit (802.11ax HE80) ; 5210MHz : 5123.2 ~ 5150MHz



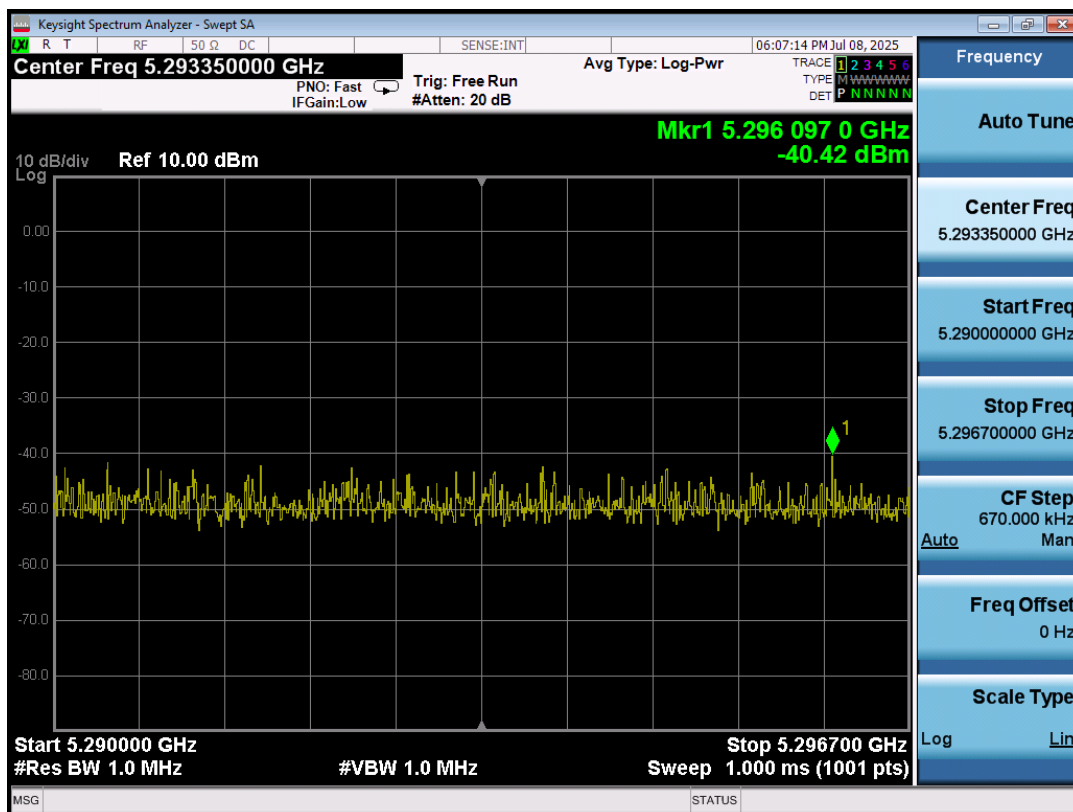
Chain A_Mode 7 : Transmit (802.11ax HE80) ; 5210MHz : 5250 ~ 5251MHz



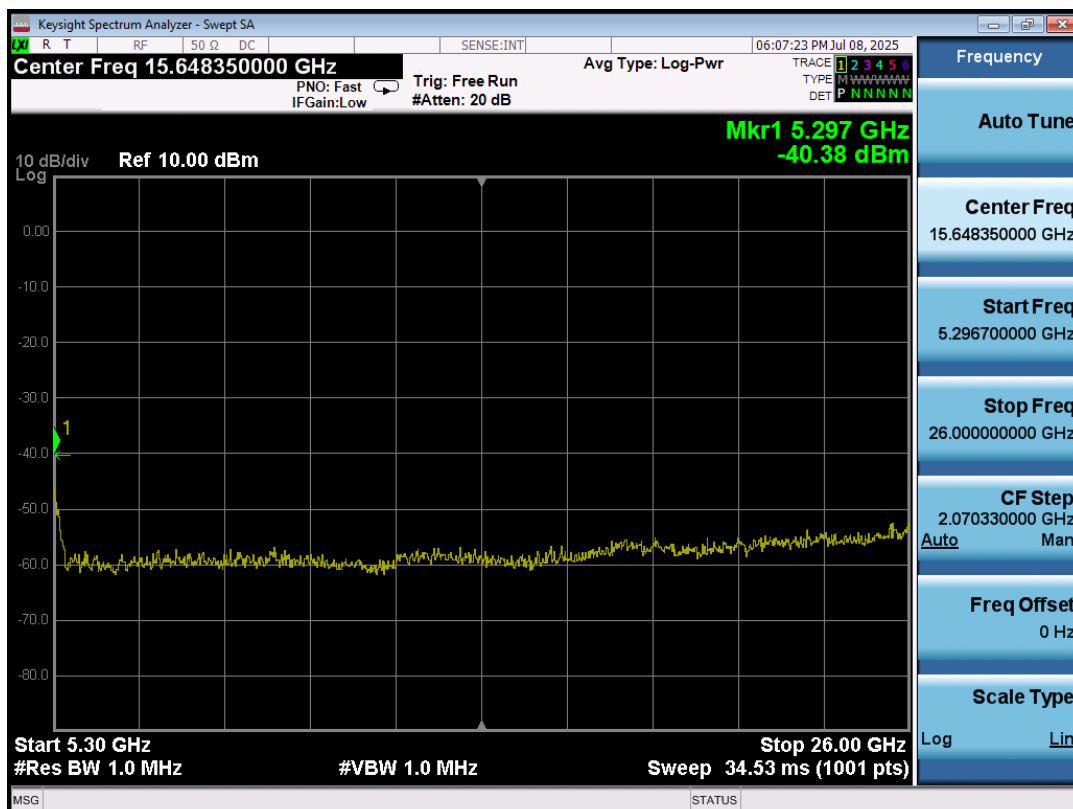
Chain A_Mode 7 : Transmit (802.11ax HE80) ; 5210MHz : 5251 ~ 5290MHz



Chain A_Mode 7 : Transmit (802.11ax HE80) ; 5210MHz : 5290 ~ 5296.7MHz



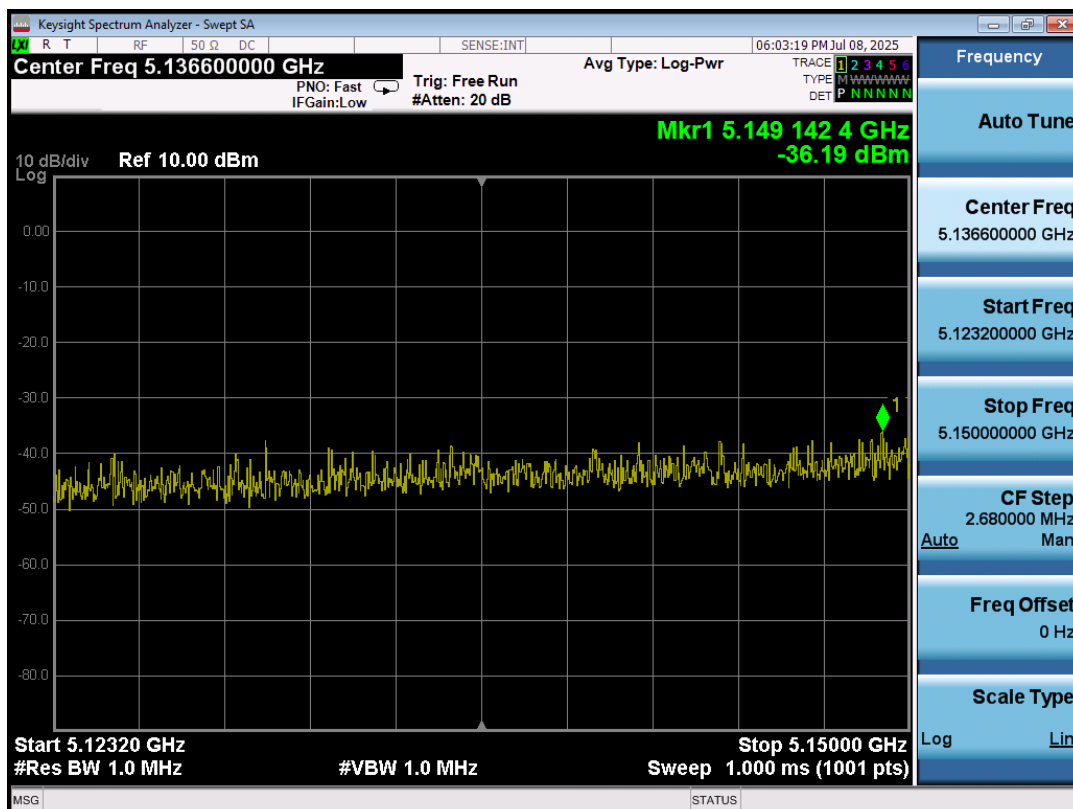
Chain A_Mode 7 : Transmit (802.11ax HE80) ; 5210MHz : 5296.7MHz ~ 26000MHz



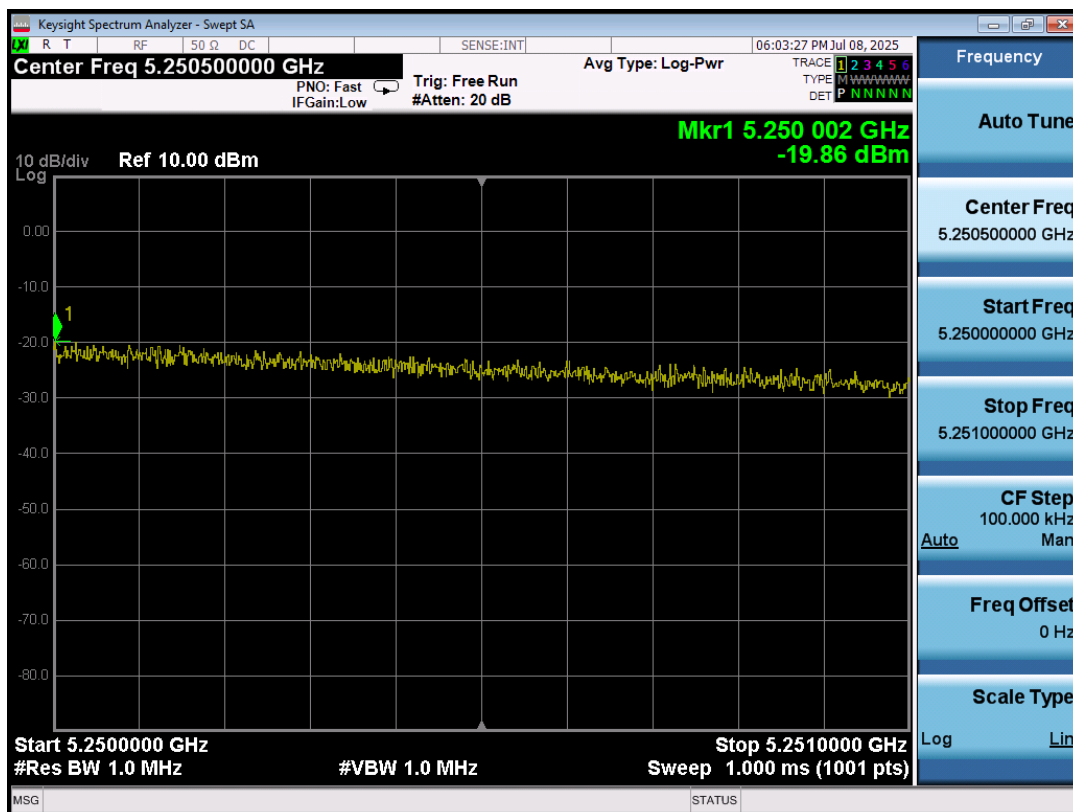
Chain B_Mode 7 : Transmit (802.11ax HE80) ; 5210MHz : 30MHz ~ 5123.2MHz



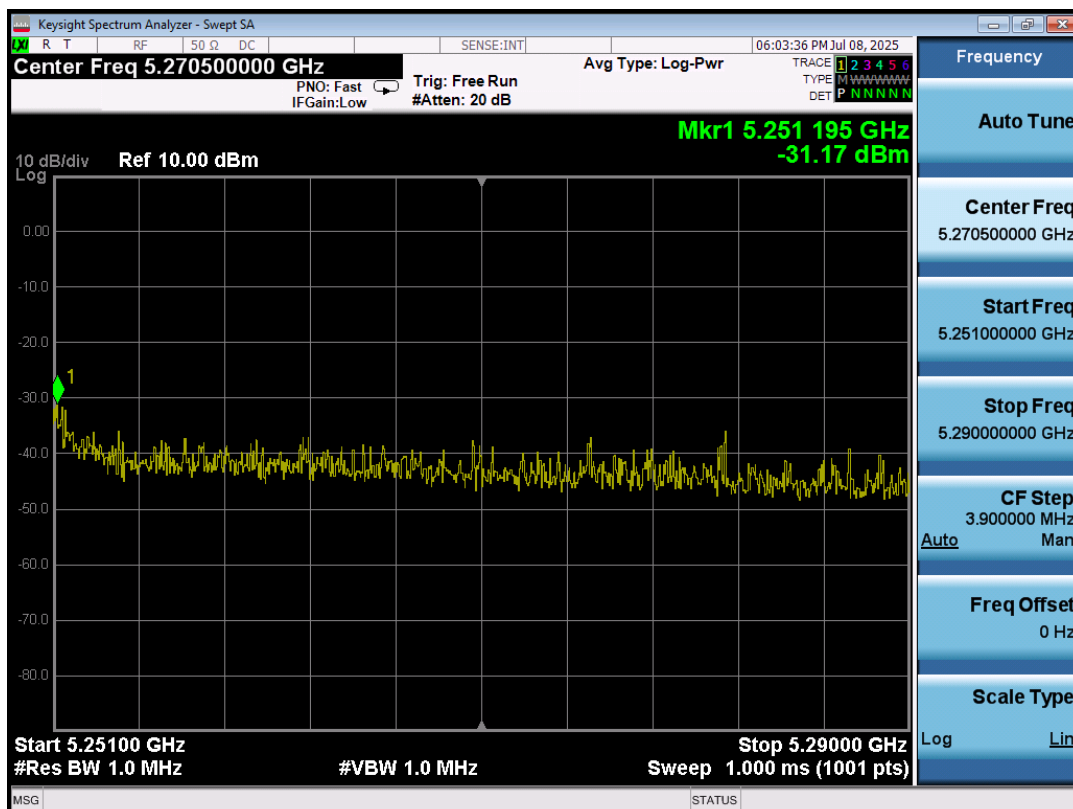
Chain B_Mode 7 : Transmit (802.11ax HE80) ; 5210MHz : 5123.2 ~ 5150MHz



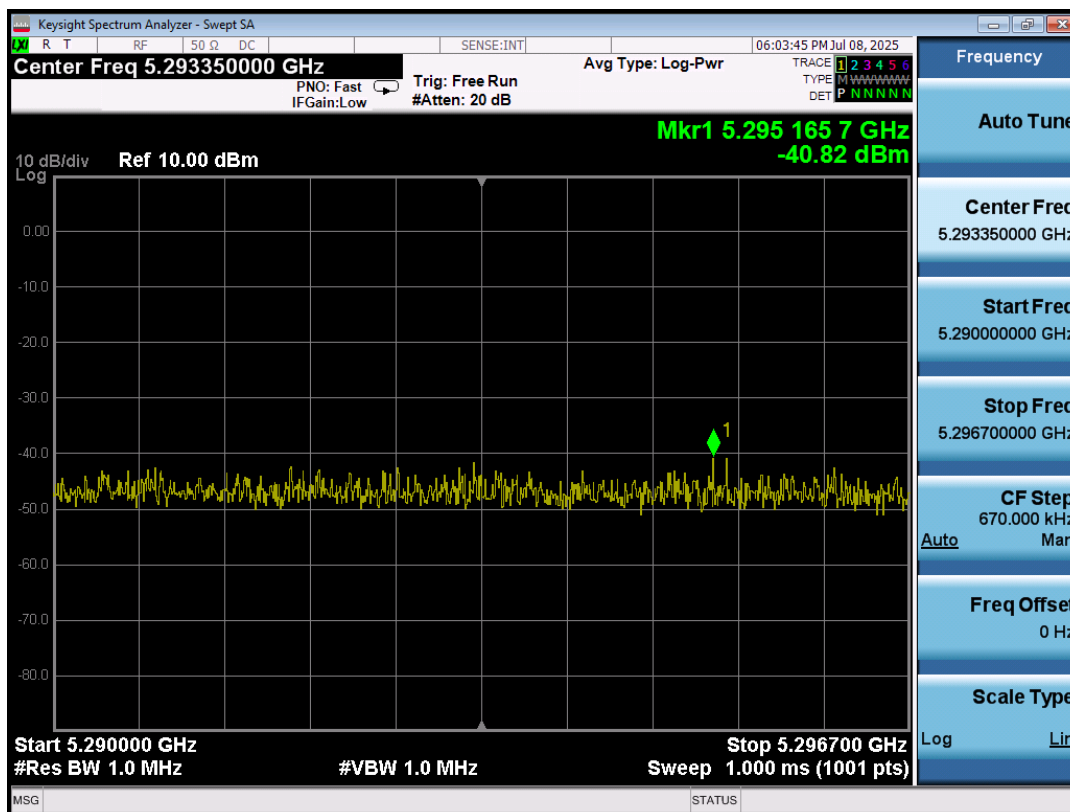
Chain B_Mode 7 : Transmit (802.11ax HE80) ; 5210MHz : 5250 ~ 5251MHz



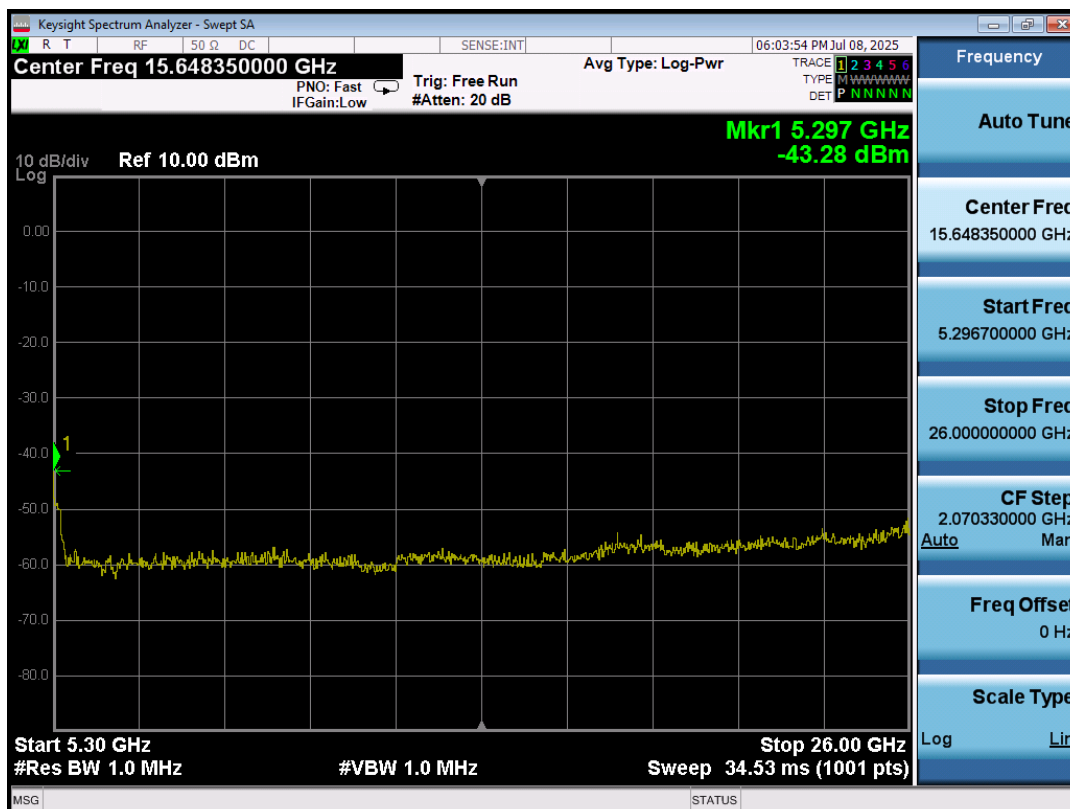
Chain B_Mode 7 : Transmit (802.11ax HE80) ; 5210MHz : 5251 ~ 5290MHz



Chain B_Mode 7 : Transmit (802.11ax HE80) ; 5210MHz : 5290 ~ 5296.7MHz



Chain B_Mode 7 : Transmit (802.11ax HE80) ; 5210MHz : 5296.7MHz ~ 26000MHz



2.7 Receiver Spurious Emissions

2.7.1 Limit

Frequency (MHz)	Limit
Below 1000	$\leq 4\text{nW}$
Above 1000	$\leq 20\text{nW}$

2.7.2 Test Setup



2.7.3 Test Procedure

A spectrum analyzer or similar device shall be used to observe a sample of the modulated transmitter's radio frequency power output.

- (a) A positive peak detector function must be used.
- (b) The measurement instrument bandwidth and span must be set sufficiently with, and, the scan time set sufficiently slow, to ensure all major modulation products are captured. Note that the measurement bandwidth should also be set sufficiently narrow to avoid adding significant error to the test result.
- (c) 'Maximum Hold' mode may be used to accumulate the measurement result over several scans provided the emission is repetitive in nature.

2.7.4 Test Result

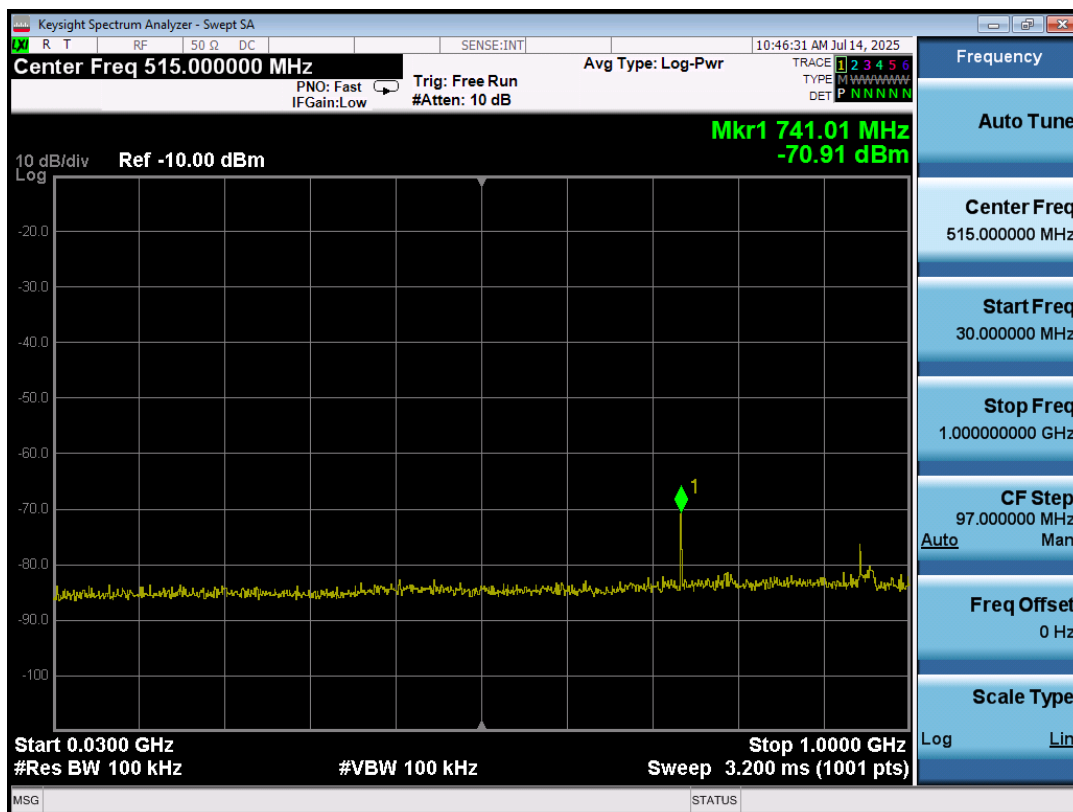
Product : Audio Device
Test Item : Receiver Spurious Emissions
Test Mode : Mode 8 : Receiver (802.11a)
Test Voltage : 100V

Freq. (MHz)	Test Freq. (MHz)	Chain A		Chain B		Limit (nW)	Result
		dBm	nW	dBm	nW		
5180	30 ~ 1000	-69.99	0.1002	-71.62	0.0689	≤ 4	Pass
	1000 ~ 12500	-53.76	4.2073	-54.15	3.8459	≤ 20	Pass
5220	30 ~ 1000	-74.16	0.0384	-74.47	0.0357	≤ 4	Pass
	1000 ~ 12500	-54.12	3.8726	-53.86	4.1115	≤ 20	Pass
5240	30 ~ 1000	-73.04	0.0497	-74.39	0.0364	≤ 4	Pass
	1000 ~ 12500	-54.28	3.7325	-53.69	4.2756	≤ 20	Pass

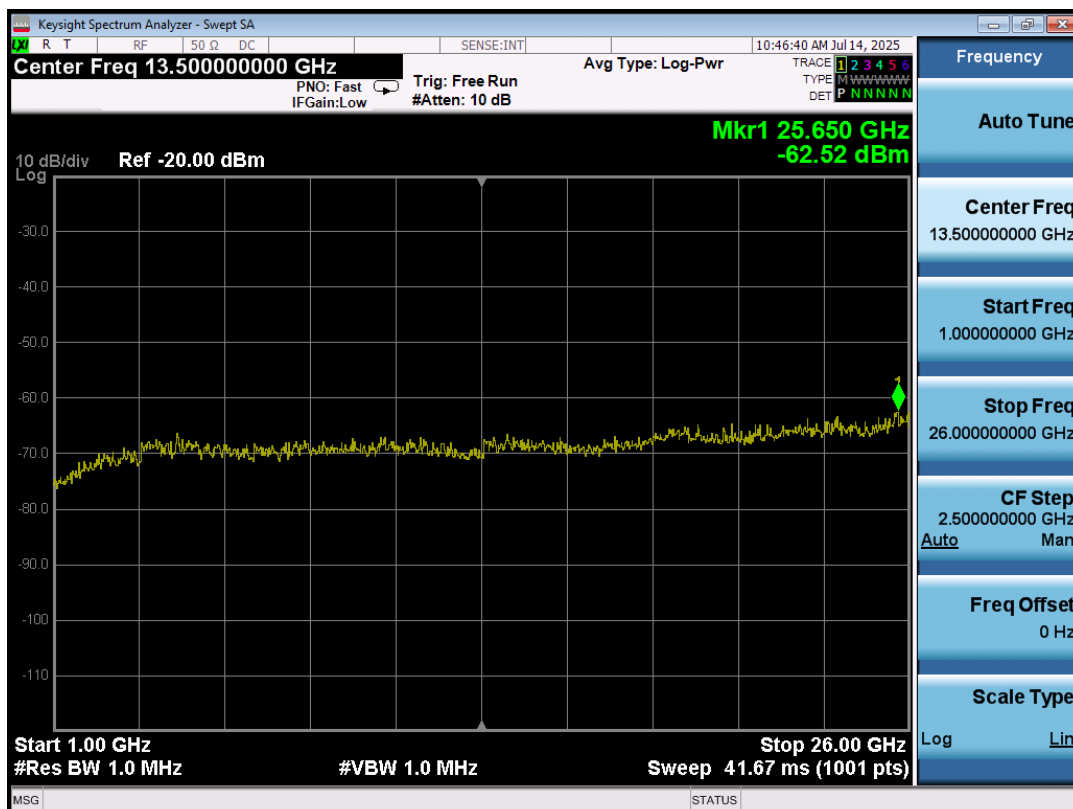
Note:

- (1) Measured Value = Spectrum Reading Value + Cable Loss
- (2) The spectrum plots are attached on the following pages.

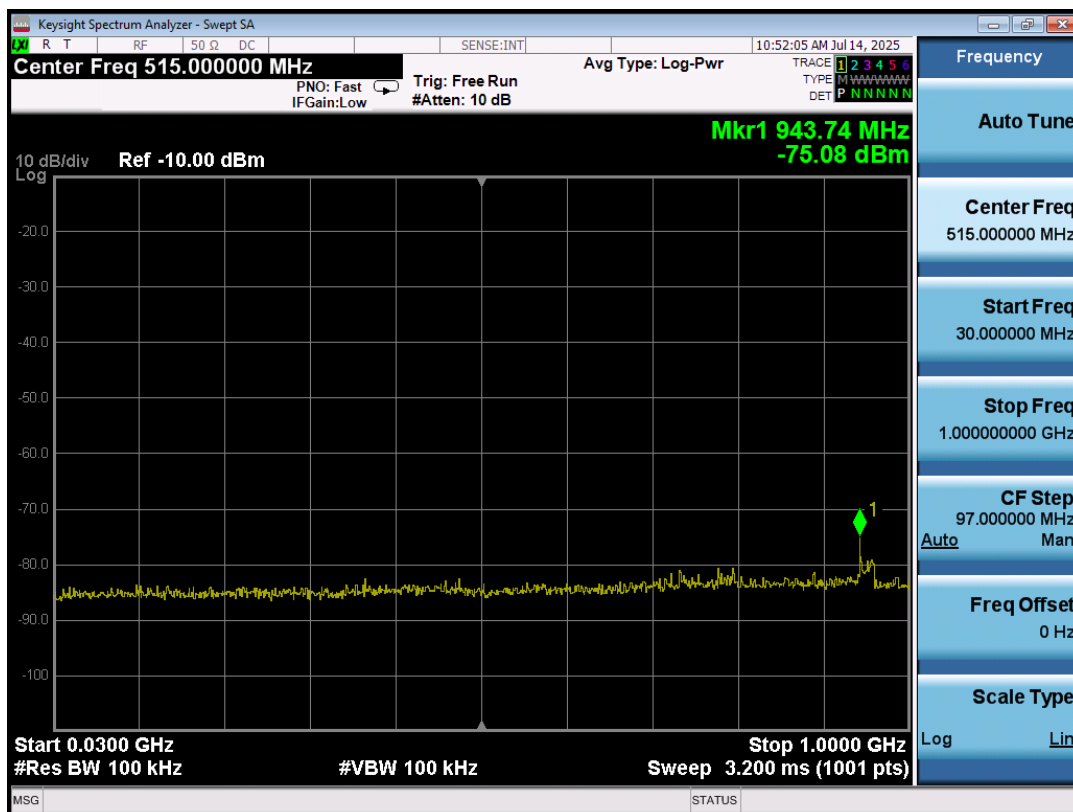
Chain A_Mode 8 : Receiver (802.11a) ; 5180MHz : 30 ~ 1000MHz



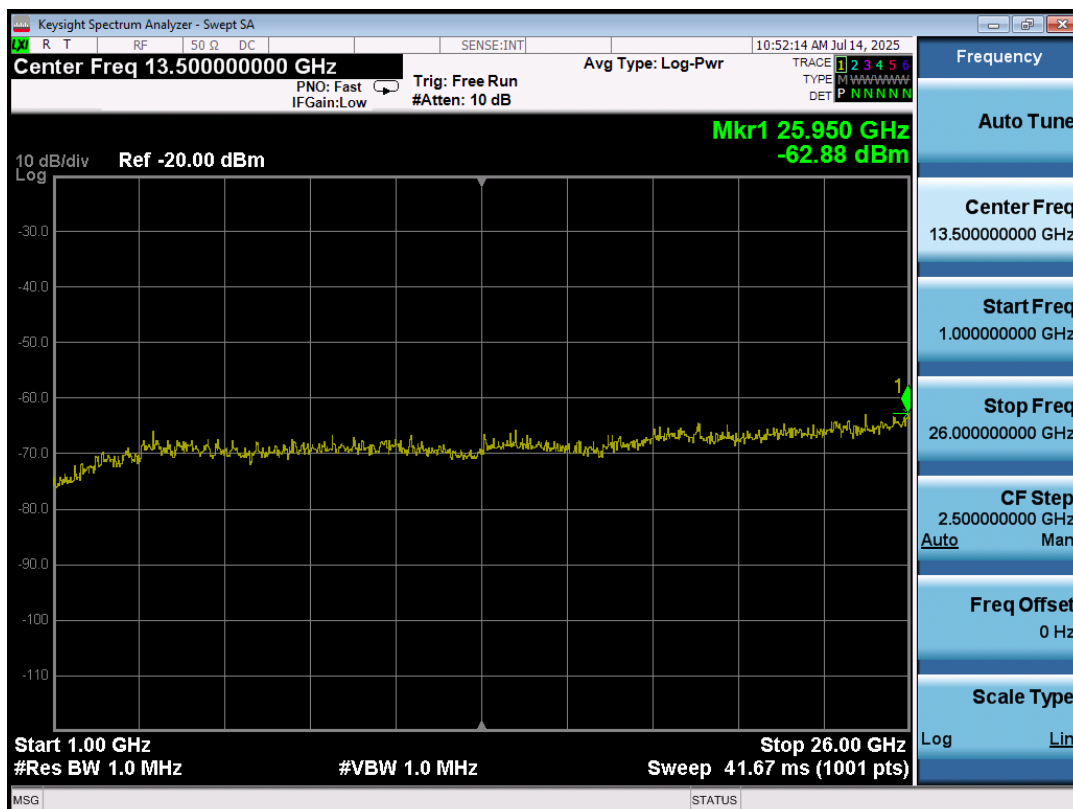
Chain A_Mode 8 : Receiver (802.11a) ; 5180MHz : 1000 ~ 26000MHz



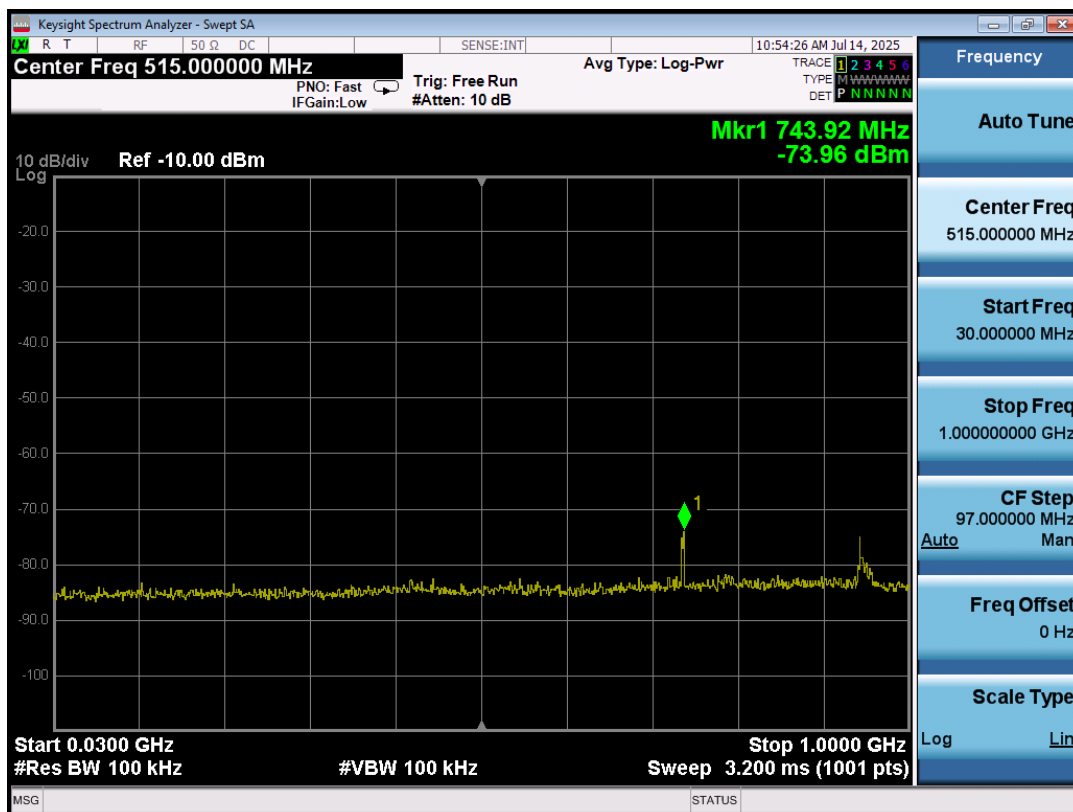
Chain A_Mode 8 : Receiver (802.11a) ; 5220MHz : 30 ~ 1000MHz



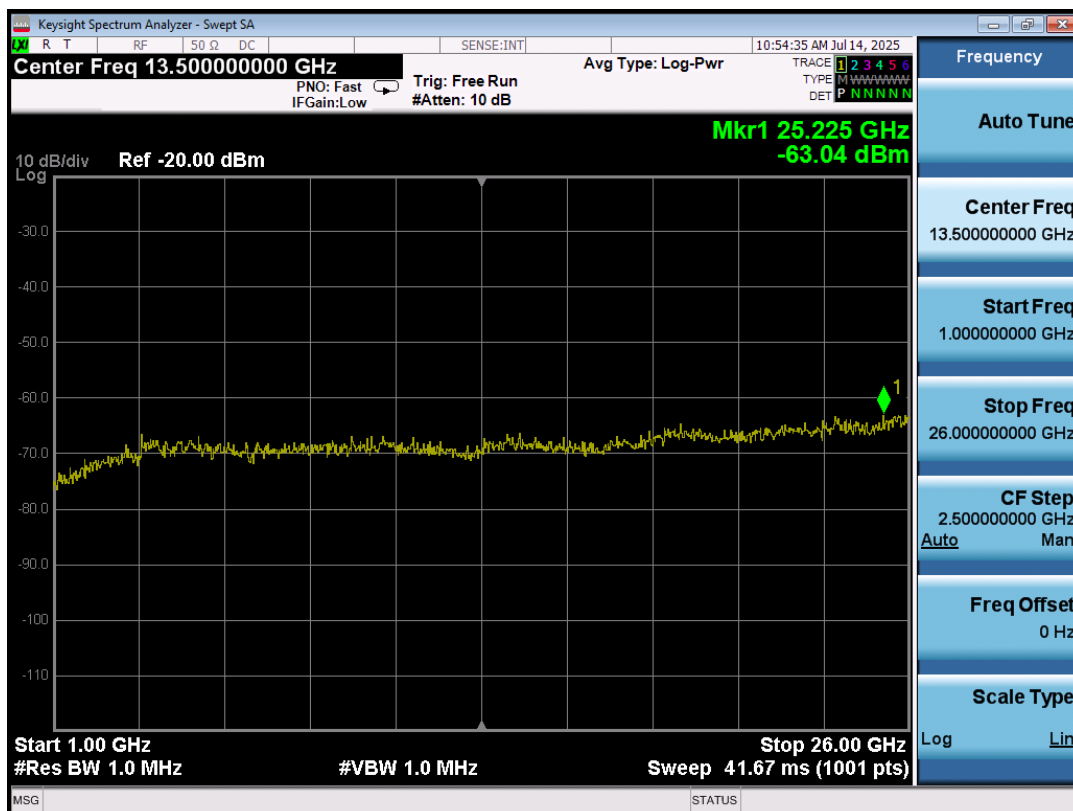
Chain A_Mode 8 : Receiver (802.11a) ; 5220MHz : 1000 ~ 26000MHz



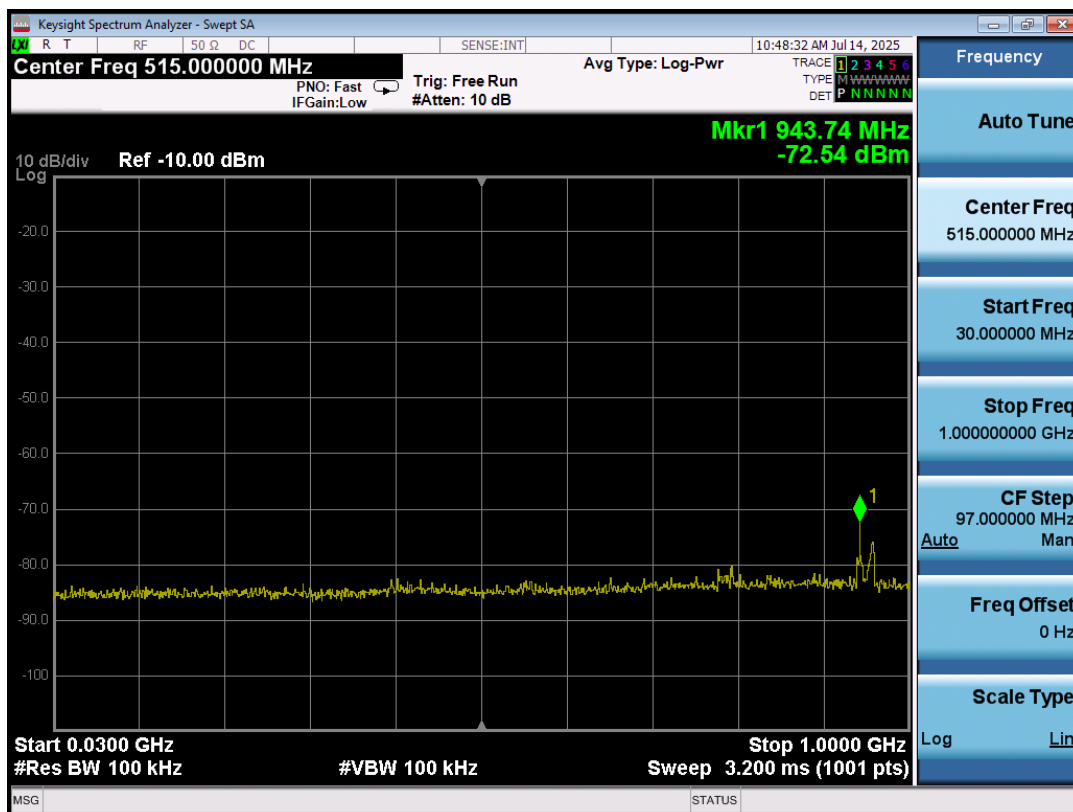
Chain A_Mode 8 : Receiver (802.11a) ; 5240MHz : 30 ~ 1000MHz



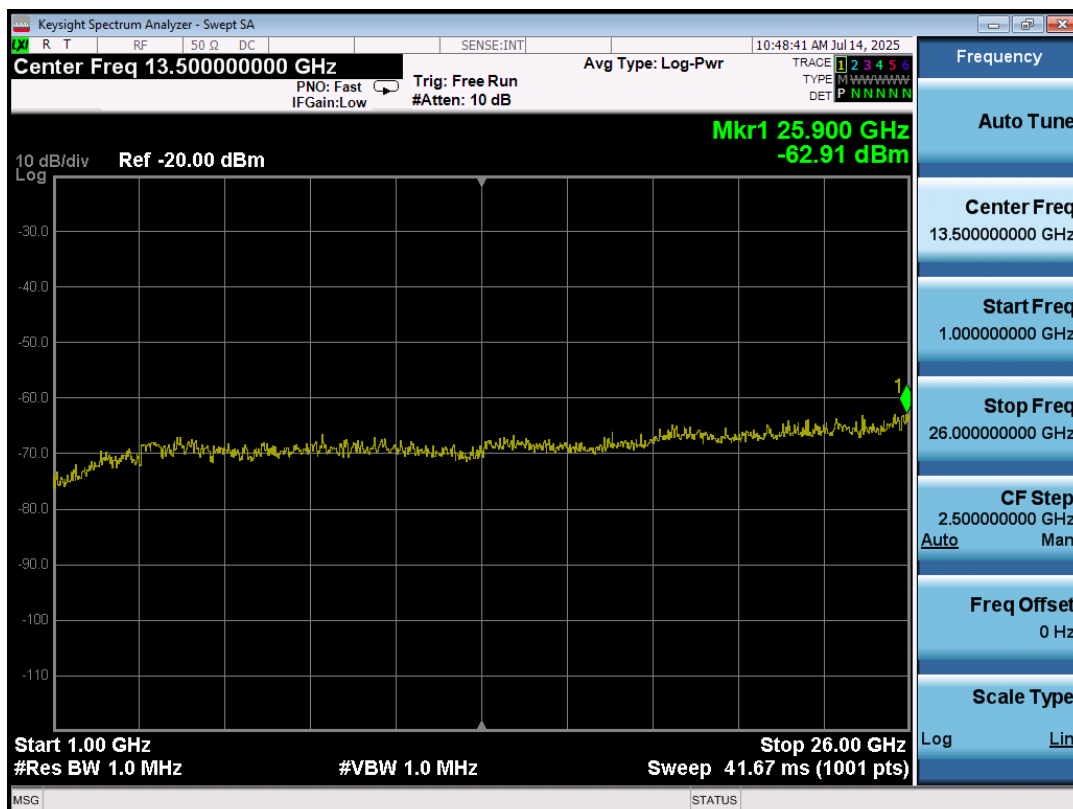
Chain A_Mode 8 : Receiver (802.11a) ; 5240MHz : 1000 ~ 26000MHz



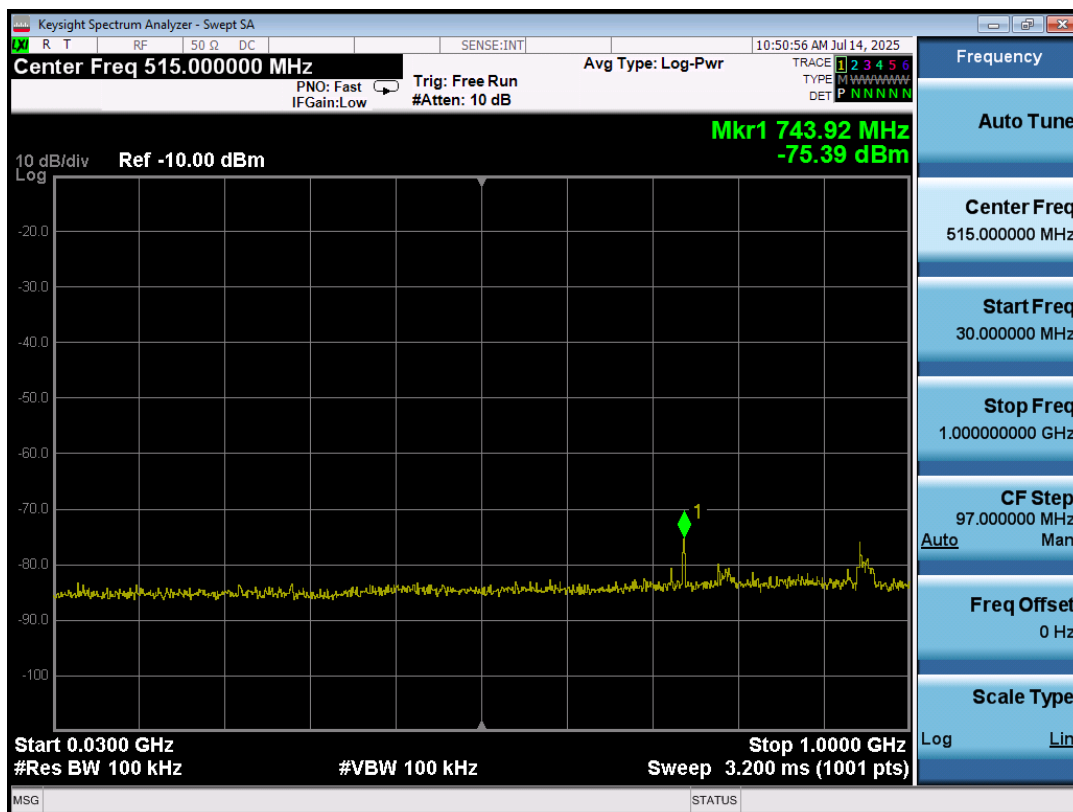
Chain B_Mode 8 : Receiver (802.11a) ; 5180MHz : 30 ~ 1000MHz



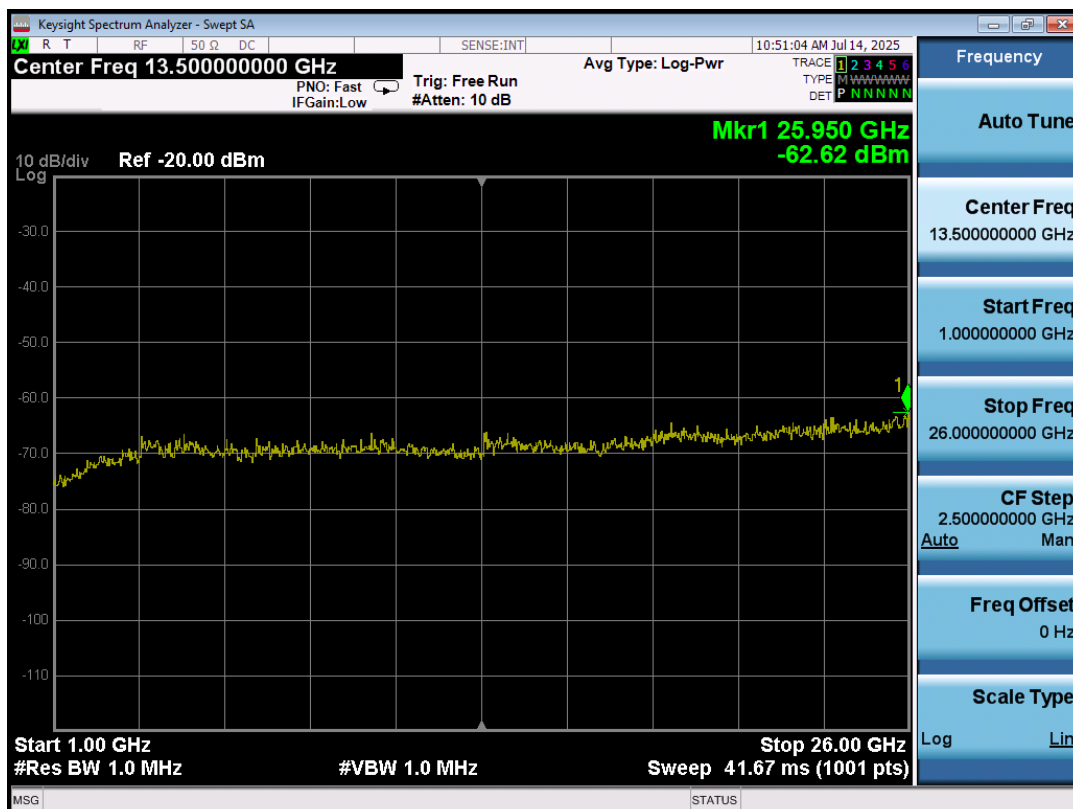
Chain B_Mode 8 : Receiver (802.11a) ; 5180MHz : 1000 ~ 26000MHz



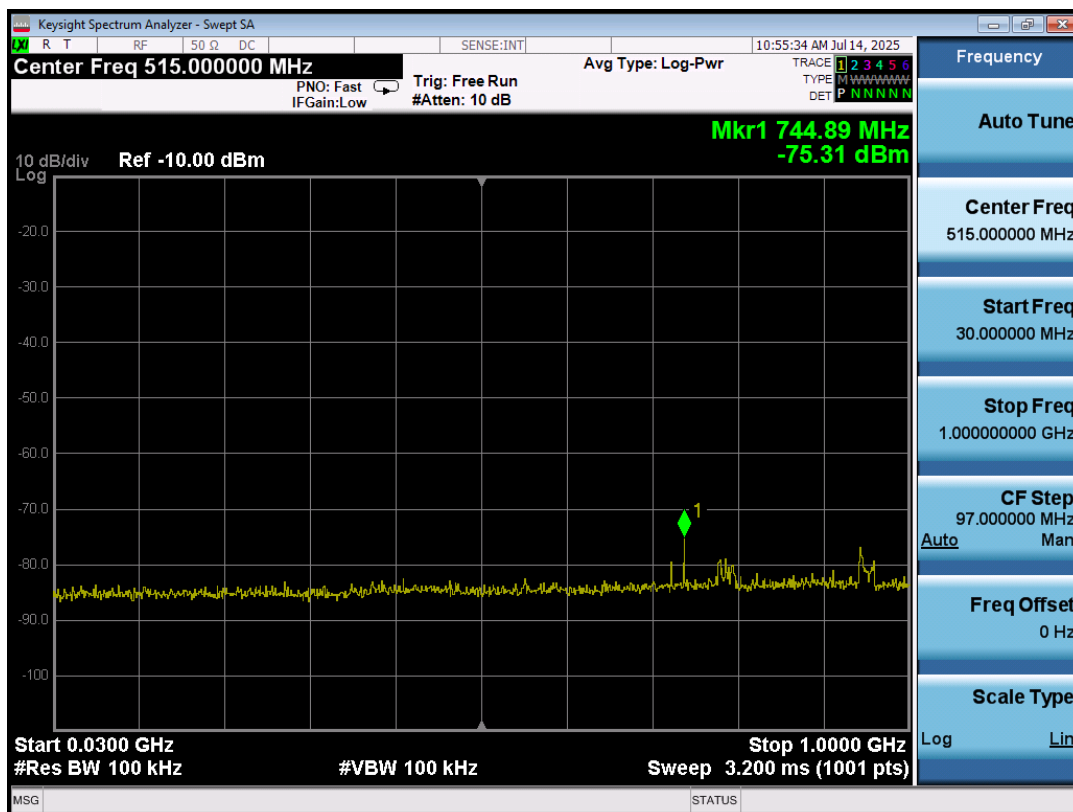
Chain B_Mode 8 : Receiver (802.11a) ; 5220MHz : 30 ~ 1000MHz



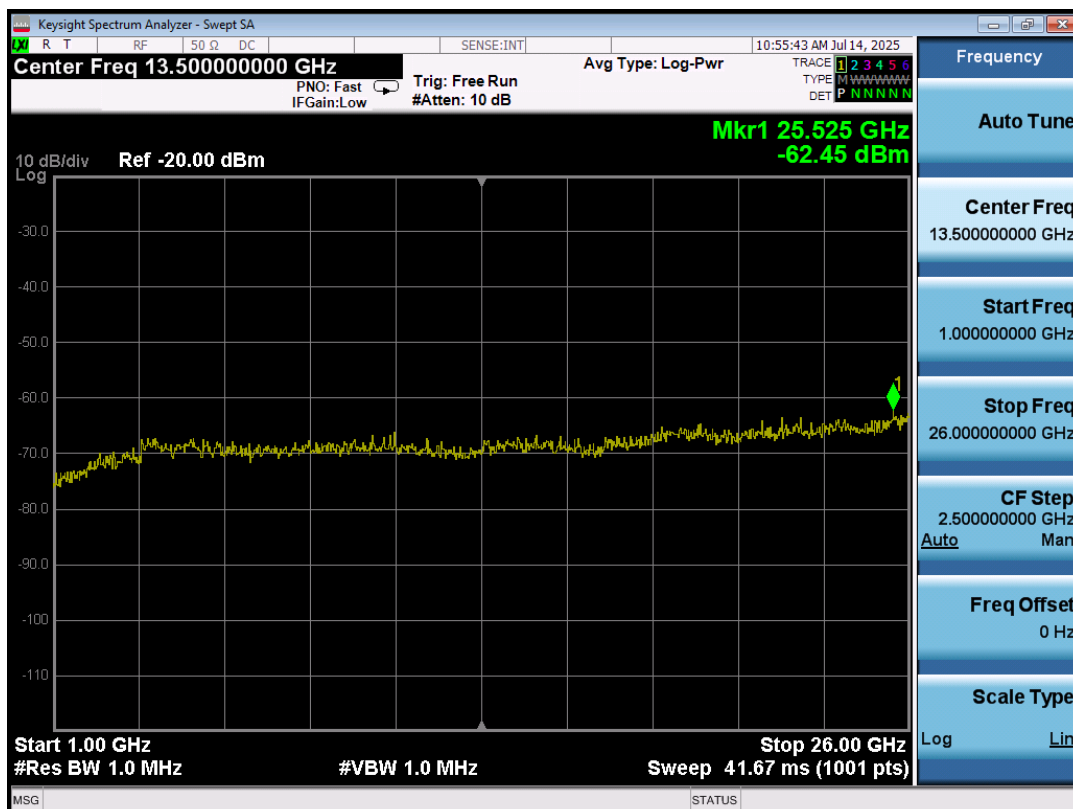
Chain B_Mode 8 : Receiver (802.11a) ; 5220MHz : 1000 ~ 26000MHz



Chain B_Mode 8 : Receiver (802.11a) ; 5240MHz : 30 ~ 1000MHz



Chain B_Mode 8 : Receiver (802.11a) ; 5240MHz : 1000 ~ 26000MHz



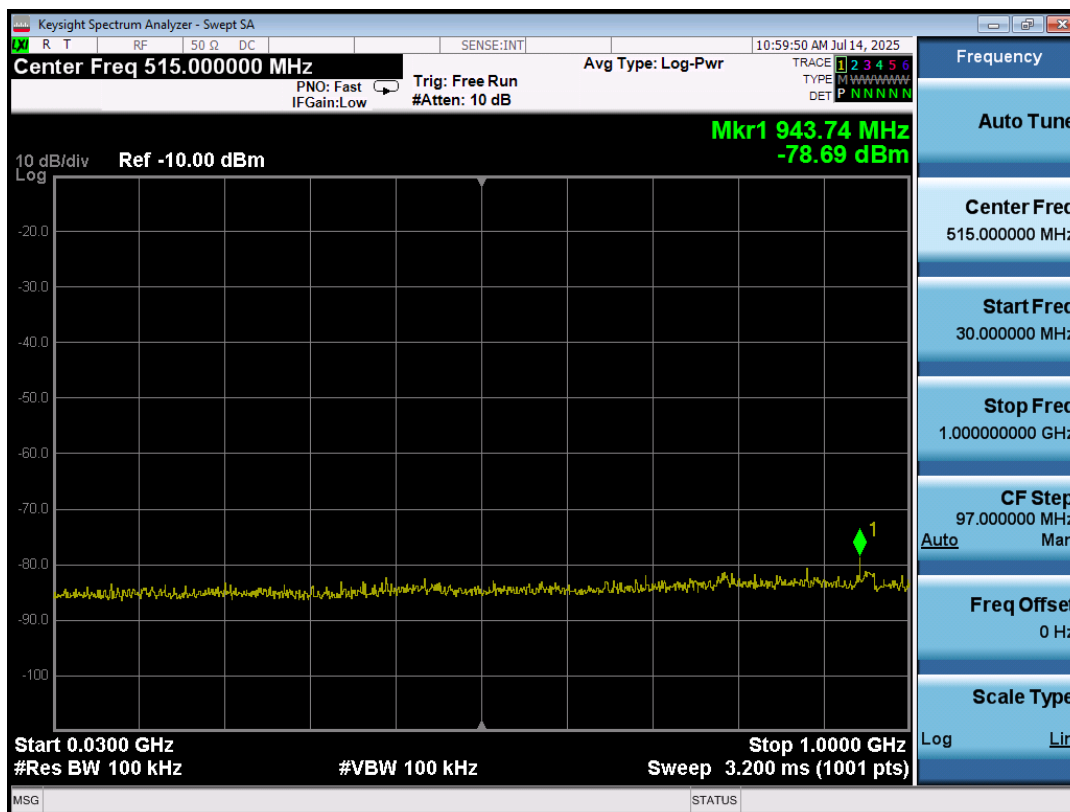
Product : Audio Device
Test Item : Receiver Spurious Emissions
Test Mode : Mode 9 : Receiver (802.11ac VHT20)
Test Voltage : 100V

Freq. (MHz)	Test Freq. (MHz)	Chain A		Chain B		Limit (nW)	Result
		dBm	nW	dBm	nW		
5180	30 ~ 1000	-77.77	0.0167	-78.05	0.0157	≤ 4	Pass
	1000 ~ 12500	-53.03	4.9774	-53.43	4.5394	≤ 20	Pass
5220	30 ~ 1000	-76.87	0.0206	-71.12	0.0773	≤ 4	Pass
	1000 ~ 12500	-54.33	3.6898	-53.48	4.4875	≤ 20	Pass
5240	30 ~ 1000	-76.91	0.0204	-76.61	0.0218	≤ 4	Pass
	1000 ~ 12500	-53.87	4.1020	-53.59	4.3752	≤ 20	Pass

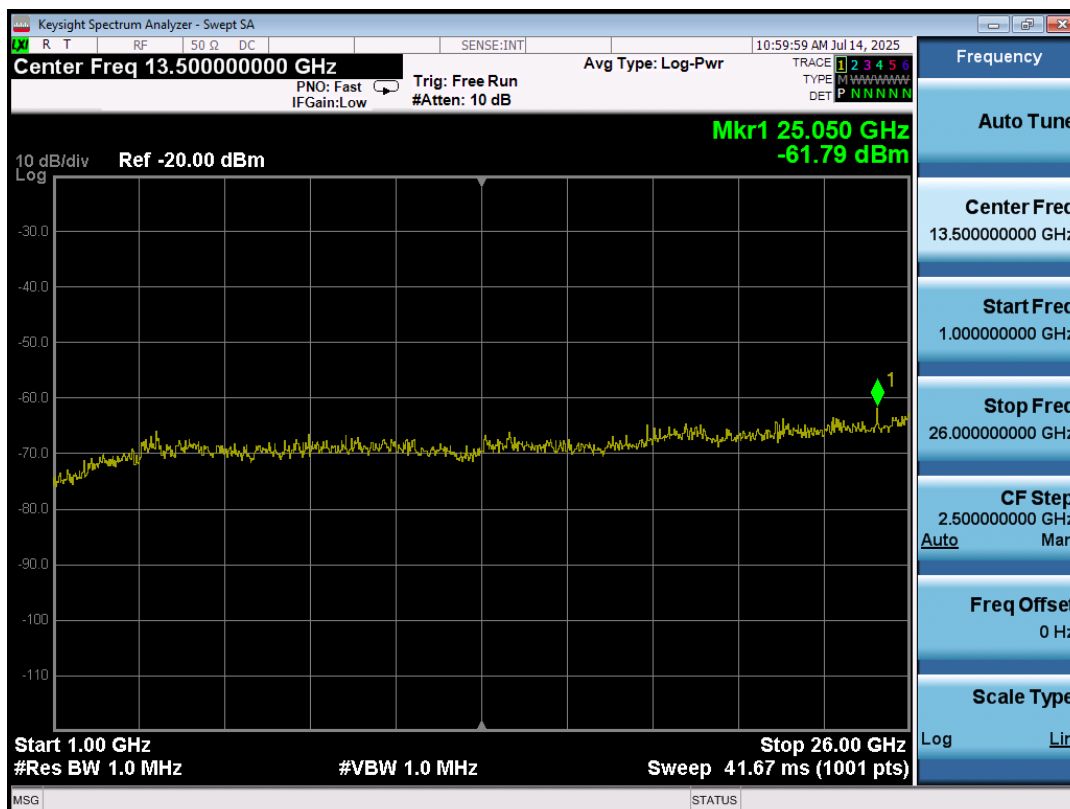
Note:

- (1) Measured Value = Spectrum Reading Value + Cable Loss
- (2) The spectrum plots are attached on the following pages.

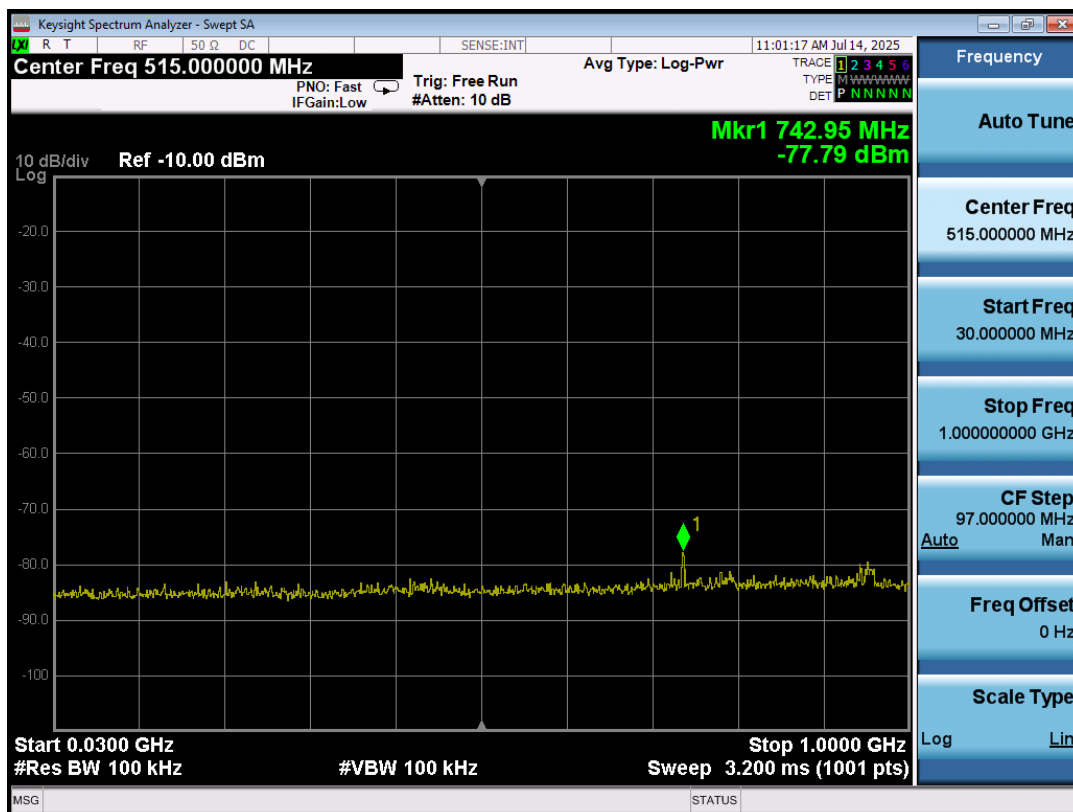
Chain A_Mode 9 : Receiver (802.11ac VHT20) ; 5180MHz : 30 ~ 1000MHz



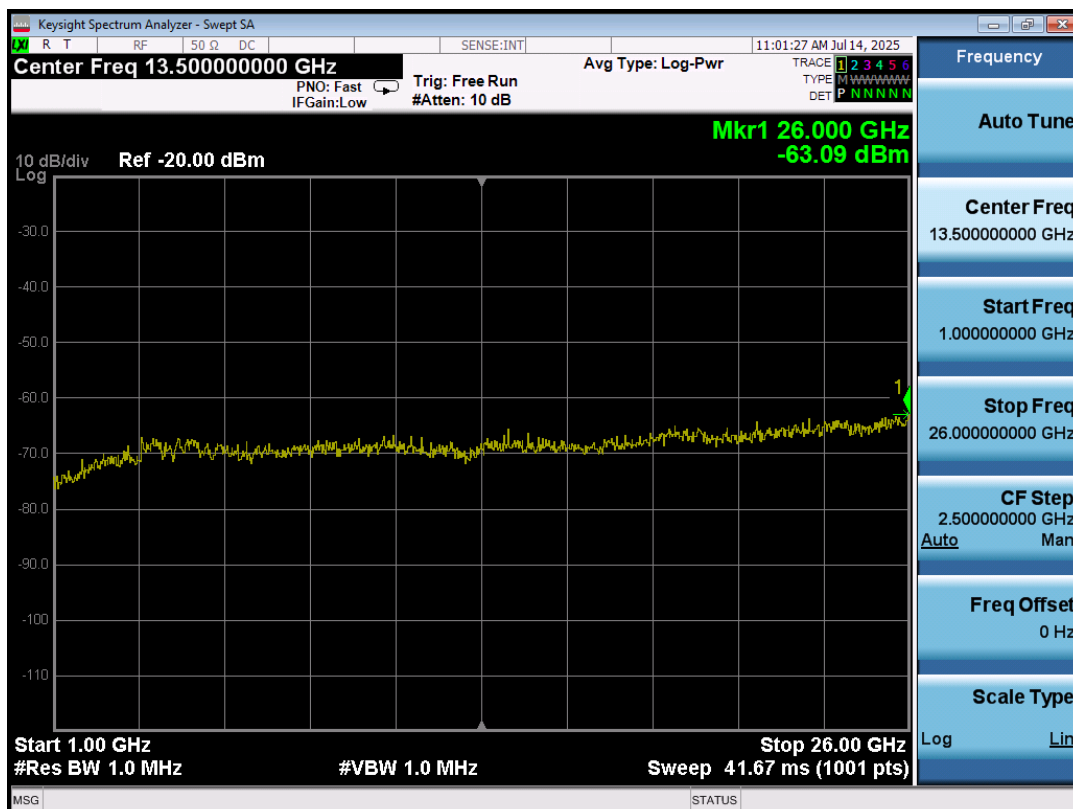
Chain A_Mode 9 : Receiver (802.11ac VHT20) ; 5180MHz : 1000 ~ 26000MHz



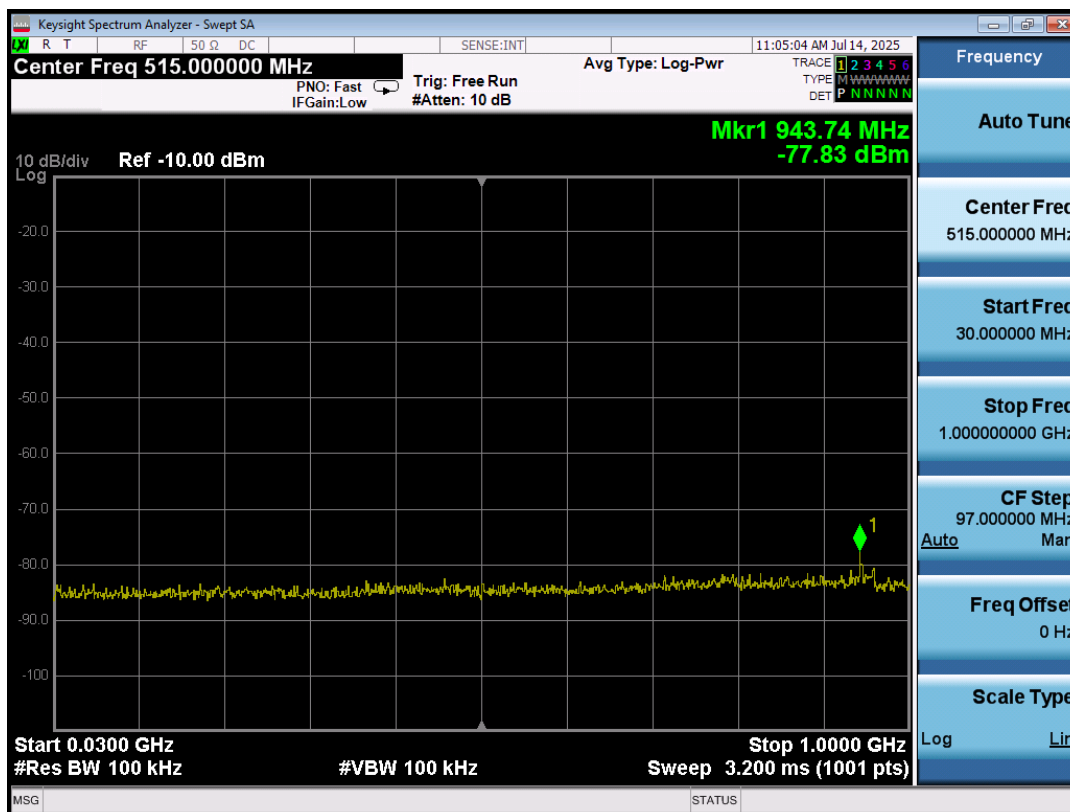
Chain A_Mode 9 : Receiver (802.11ac VHT20) ; 5220MHz : 30 ~ 1000MHz



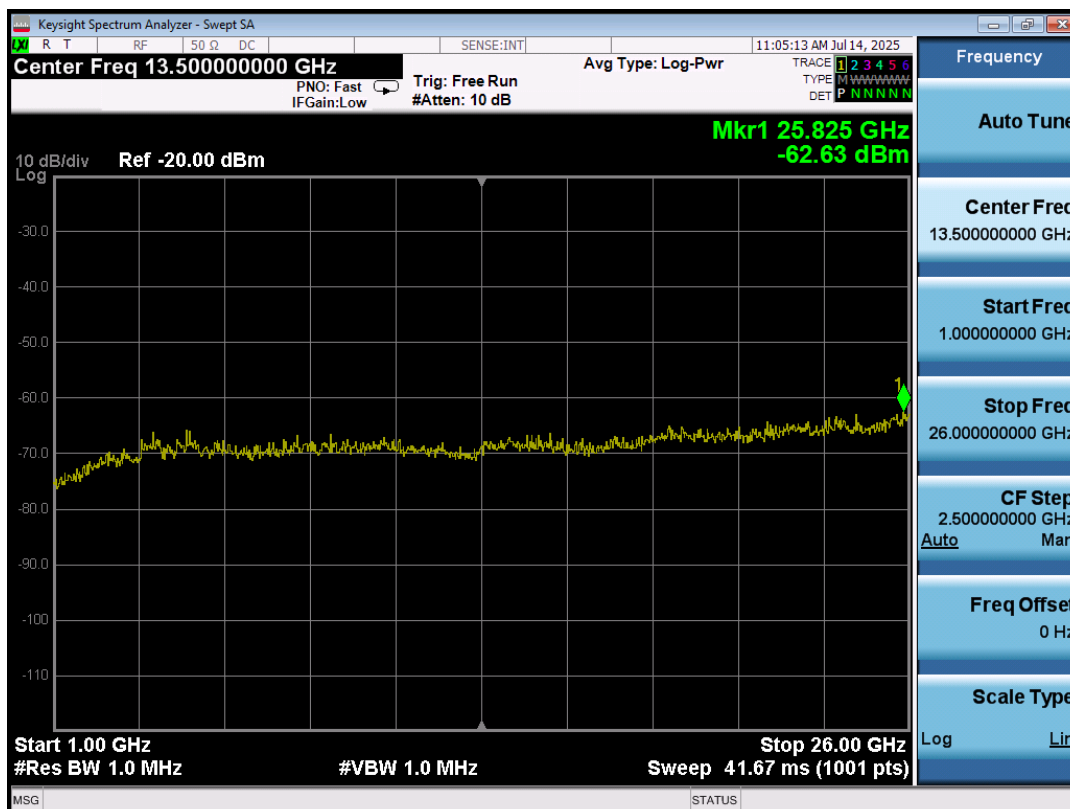
Chain A_Mode 9 : Receiver (802.11ac VHT20) ; 5220MHz : 1000 ~ 26000MHz



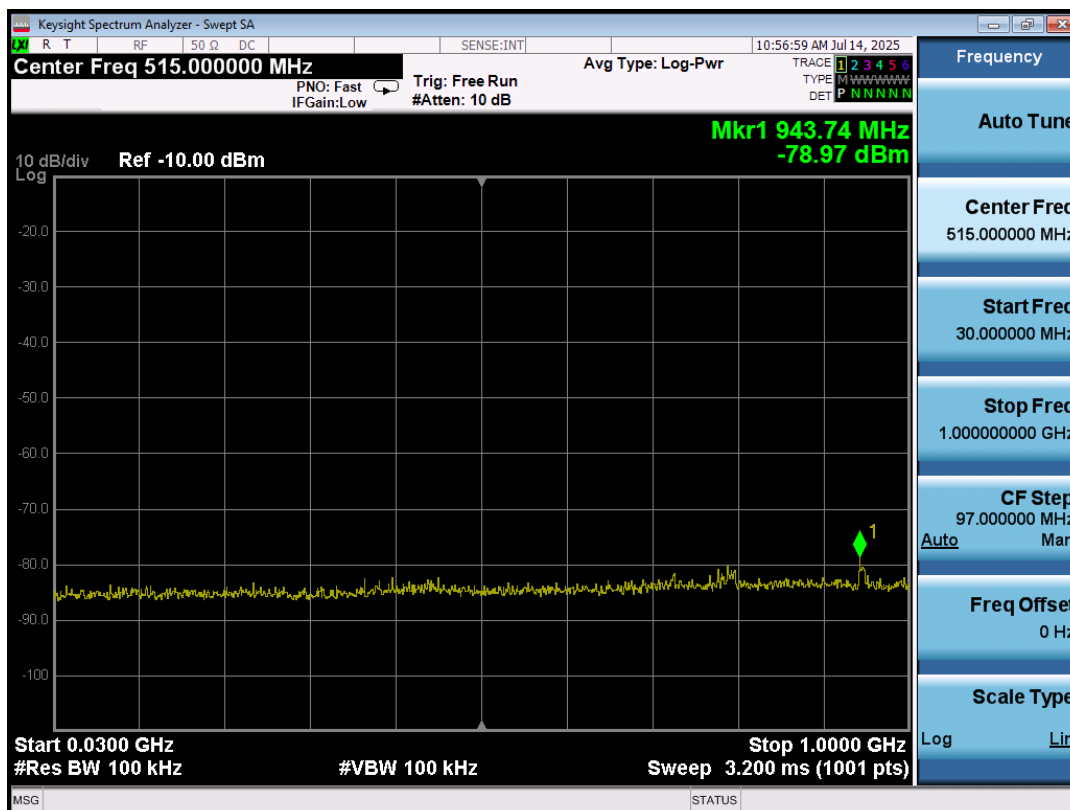
Chain A_Mode 9 : Receiver (802.11ac VHT20) ; 5240MHz : 30 ~ 1000MHz



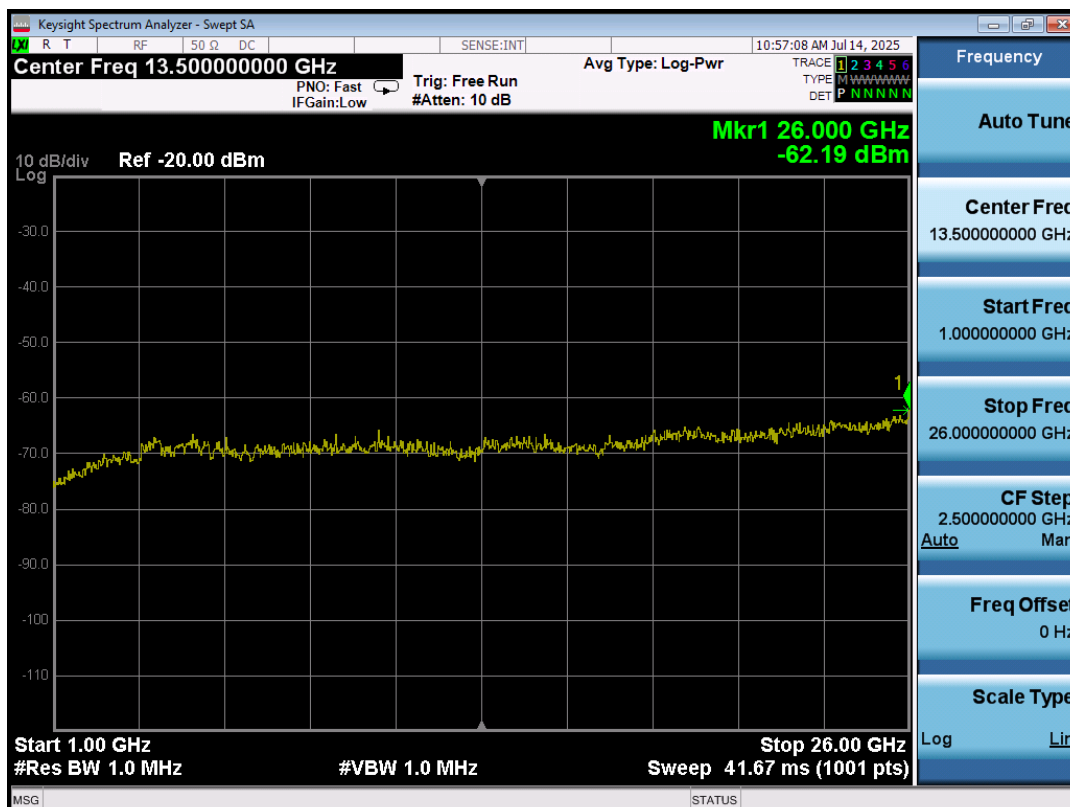
Chain A_Mode 9 : Receiver (802.11ac VHT20) ; 5240MHz : 1000 ~ 26000MHz



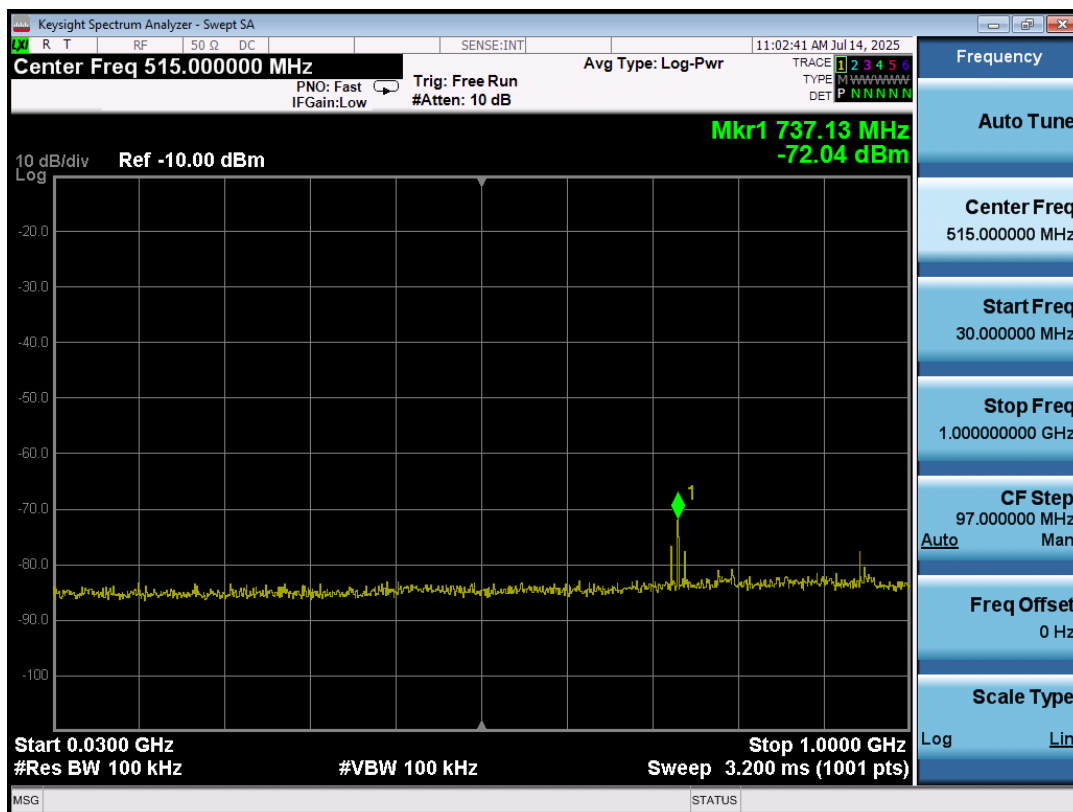
Chain B_Mode 9 : Receiver (802.11ac VHT20) ; 5180MHz : 30 ~ 1000MHz



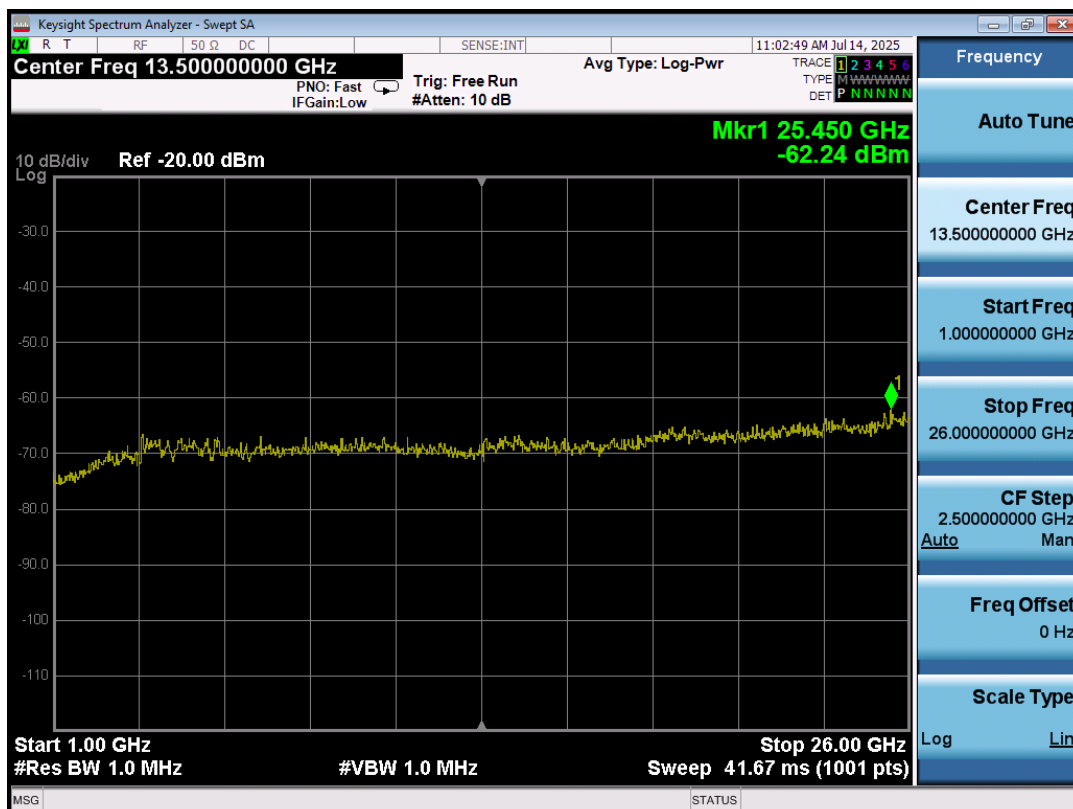
Chain B_Mode 9 : Receiver (802.11ac VHT20) ; 5180MHz : 1000 ~ 26000MHz



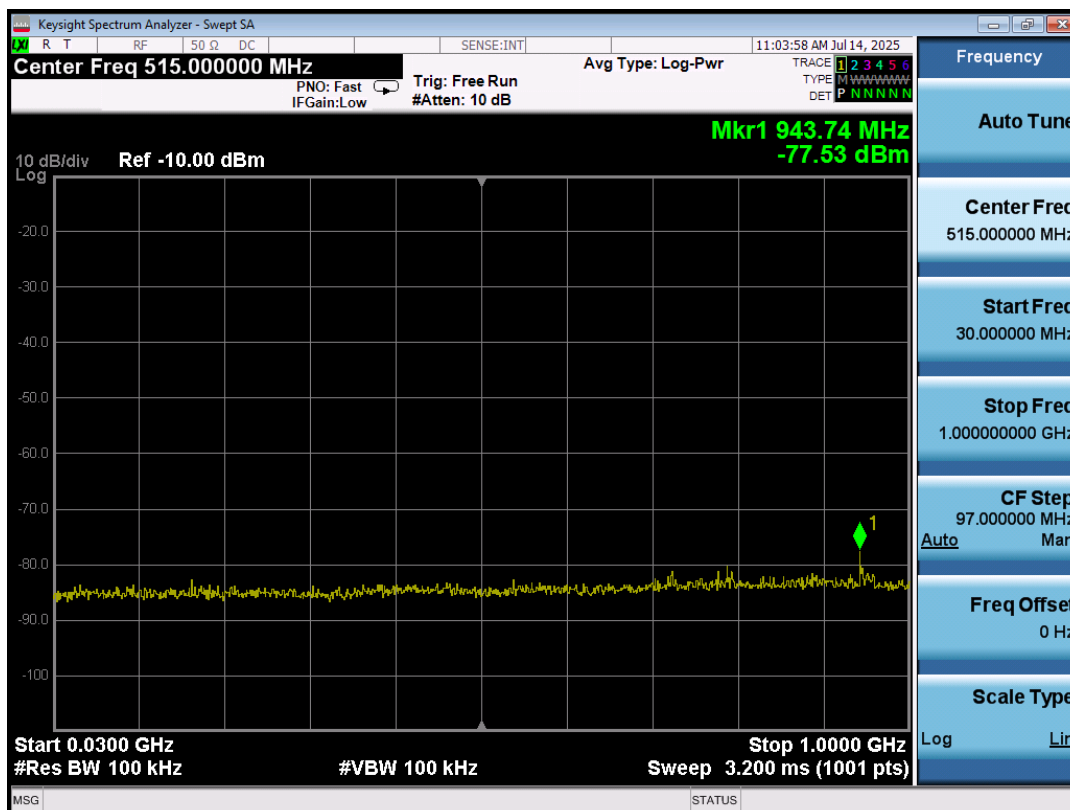
Chain B_Mode 9 : Receiver (802.11ac VHT20) ; 5220MHz : 30 ~ 1000MHz



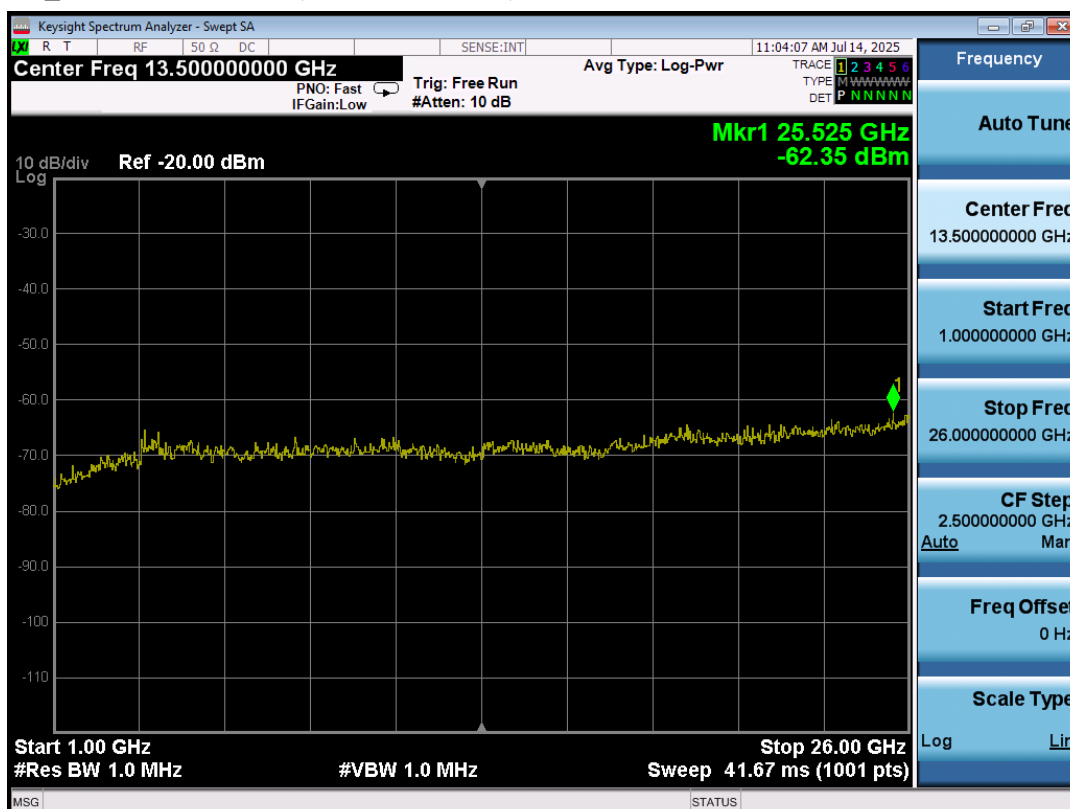
Chain B_Mode 9 : Receiver (802.11ac VHT20) ; 5220MHz : 1000 ~ 26000MHz



Chain B_Mode 9 : Receiver (802.11ac VHT20) ; 5240MHz : 30 ~ 1000MHz



Chain B_Mode 9 : Receiver (802.11ac VHT20) ; 5240MHz : 1000 ~ 26000MHz



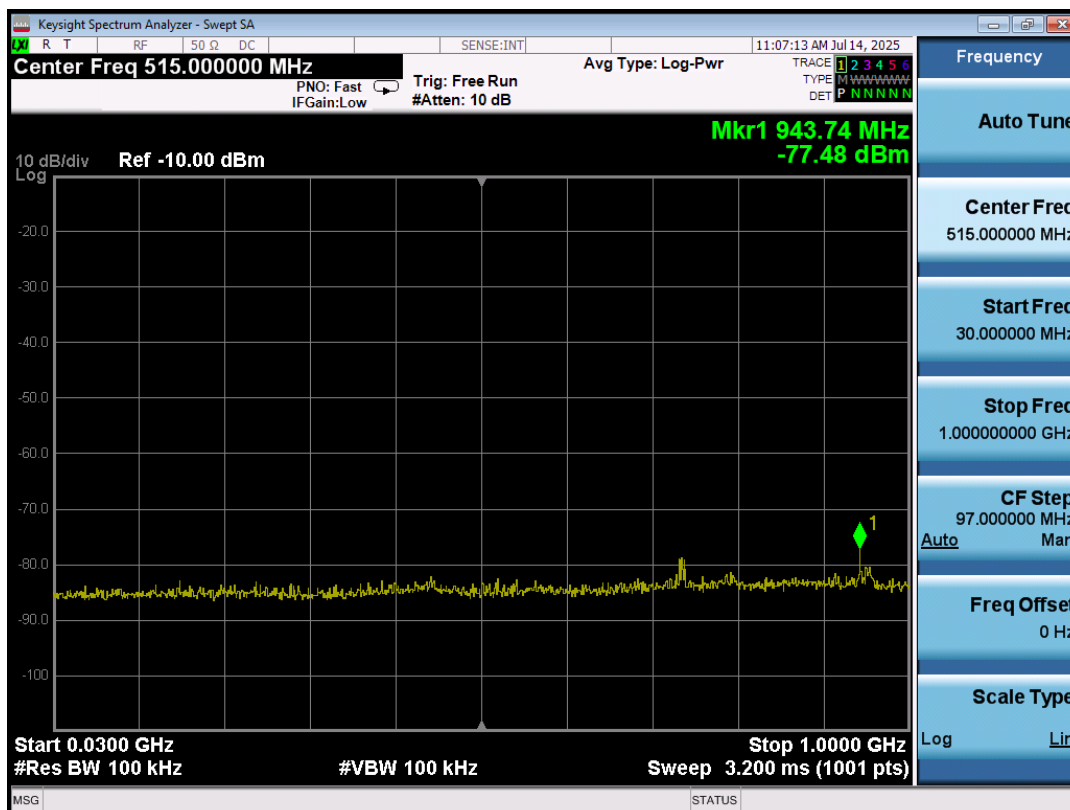
Product : Audio Device
Test Item : Receiver Spurious Emissions
Test Mode : Mode 10 : Receiver (802.11ac VHT40)
Test Voltage : 100V

Freq. (MHz)	Test Freq. (MHz)	Chain A		Chain B		Limit (nW)	Result
		dBm	nW	dBm	nW		
5190	30 ~ 1000	-76.56	0.0221	-69.70	0.1072	≤ 4	Pass
	1000 ~ 26000	-52.56	5.5463	-54.16	3.8371	≤ 20	Pass
5230	30 ~ 1000	-73.98	0.0400	-74.63	0.0344	≤ 4	Pass
	1000 ~ 26000	-53.99	3.9902	-53.77	4.1976	≤ 20	Pass

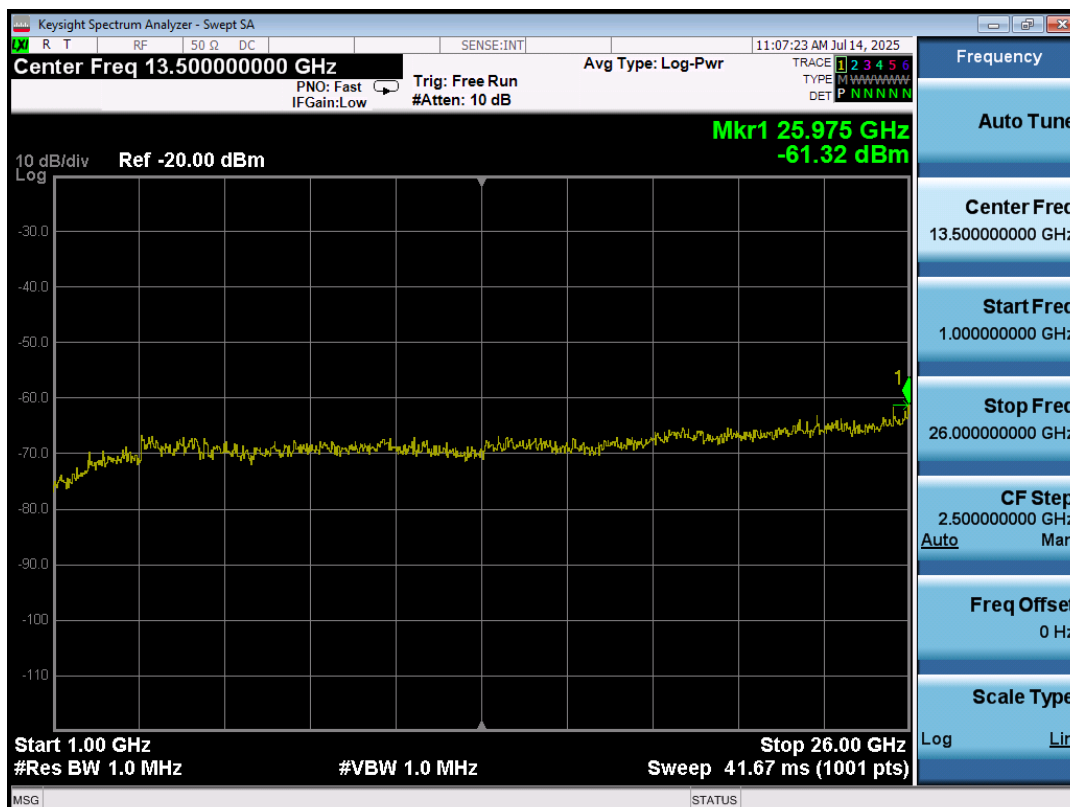
Note:

- (1) Measured Value = Spectrum Reading Value + Cable Loss
- (2) The spectrum plots are attached on the following pages.

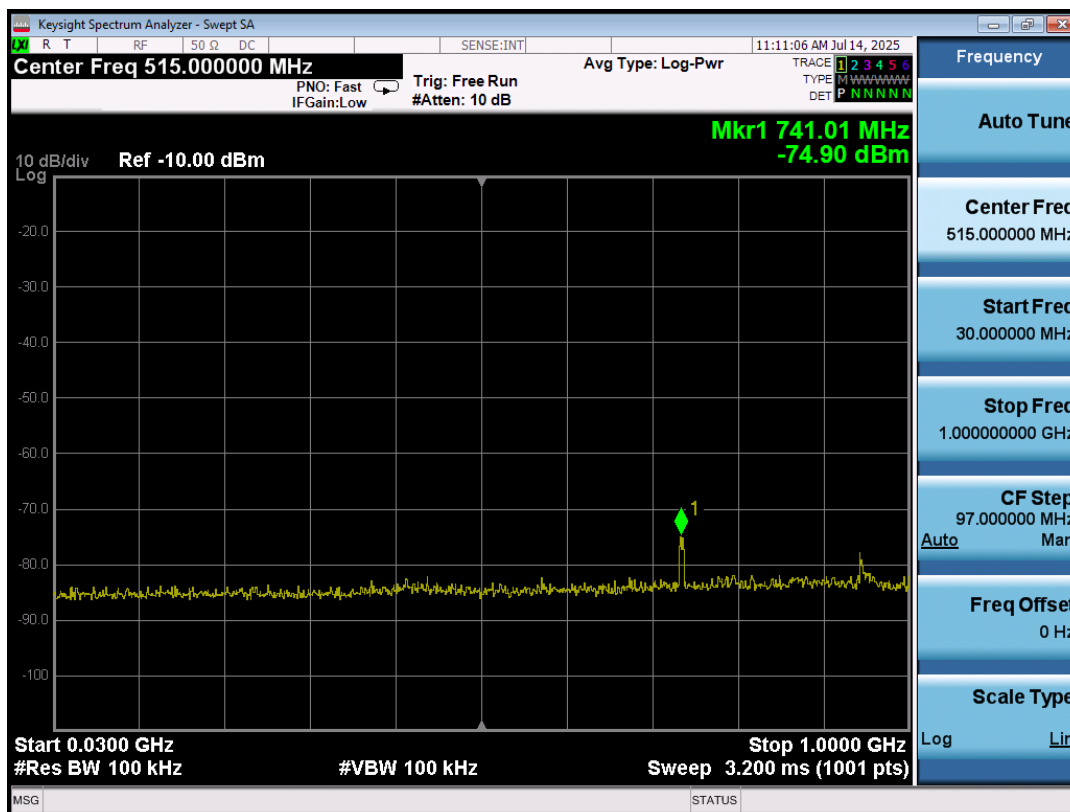
Chain A_Mode 10 : Receiver (802.11ac VHT40) ; 5190MHz : 30 ~ 1000MHz



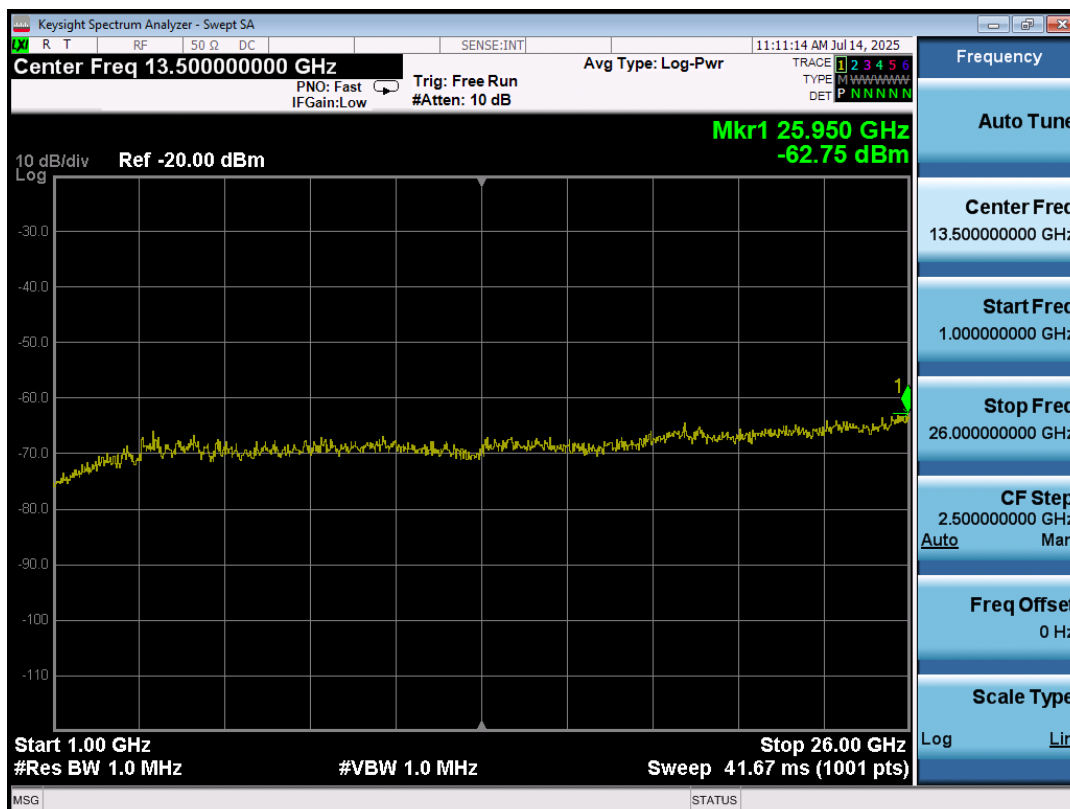
Chain A_Mode 10 : Receiver (802.11ac VHT40) ; 5190MHz : 1000 ~ 26000MHz



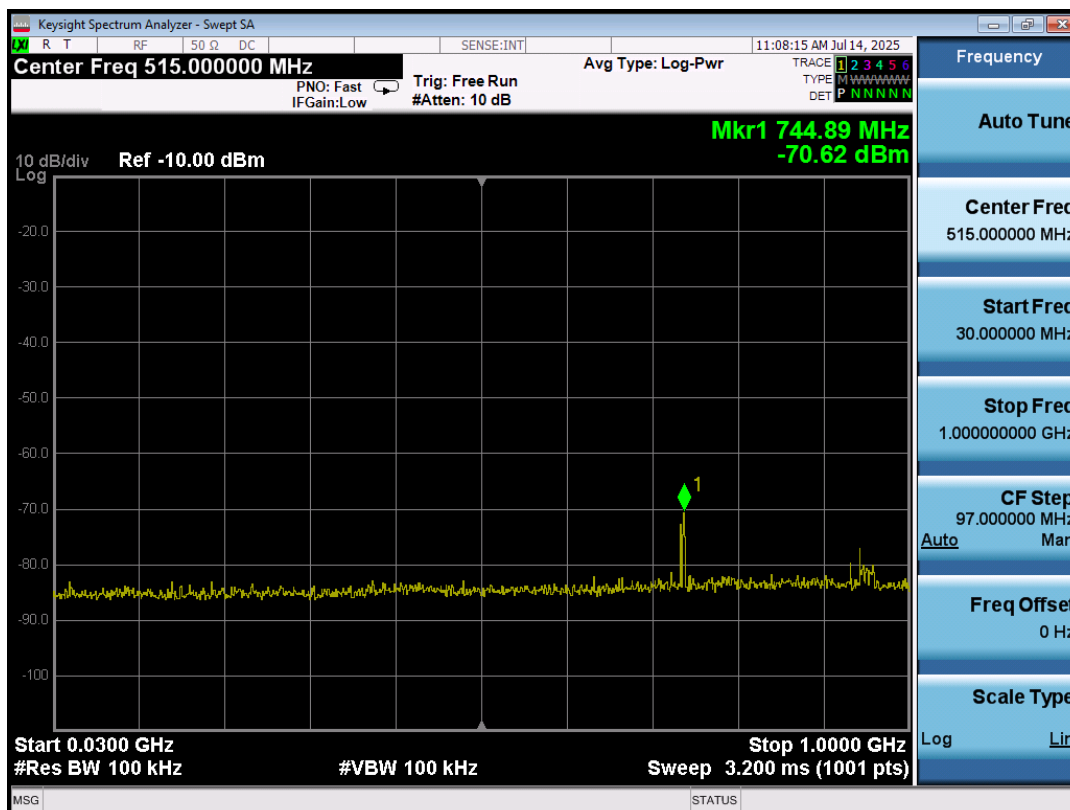
Chain A_Mode 10 : Receiver (802.11ac VHT40) ; 5230MHz : 30 ~ 1000MHz



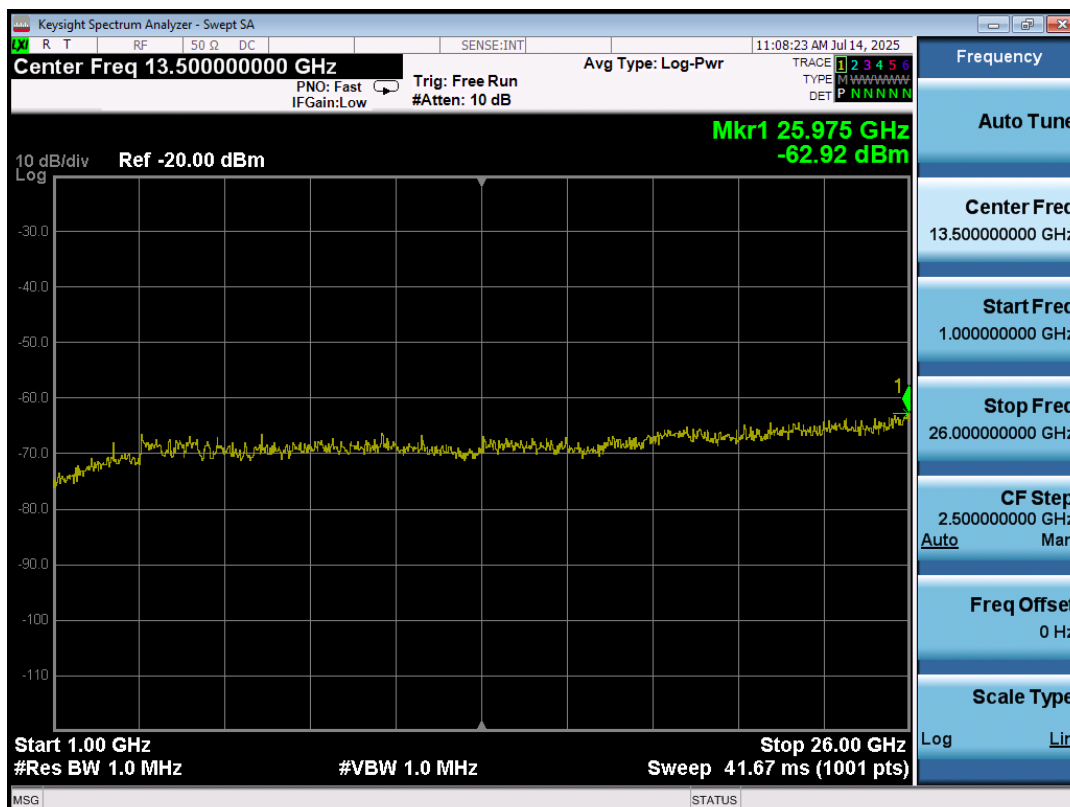
Chain A_Mode 10 : Receiver (802.11ac VHT40) ; 5230MHz : 1000 ~ 26000MHz



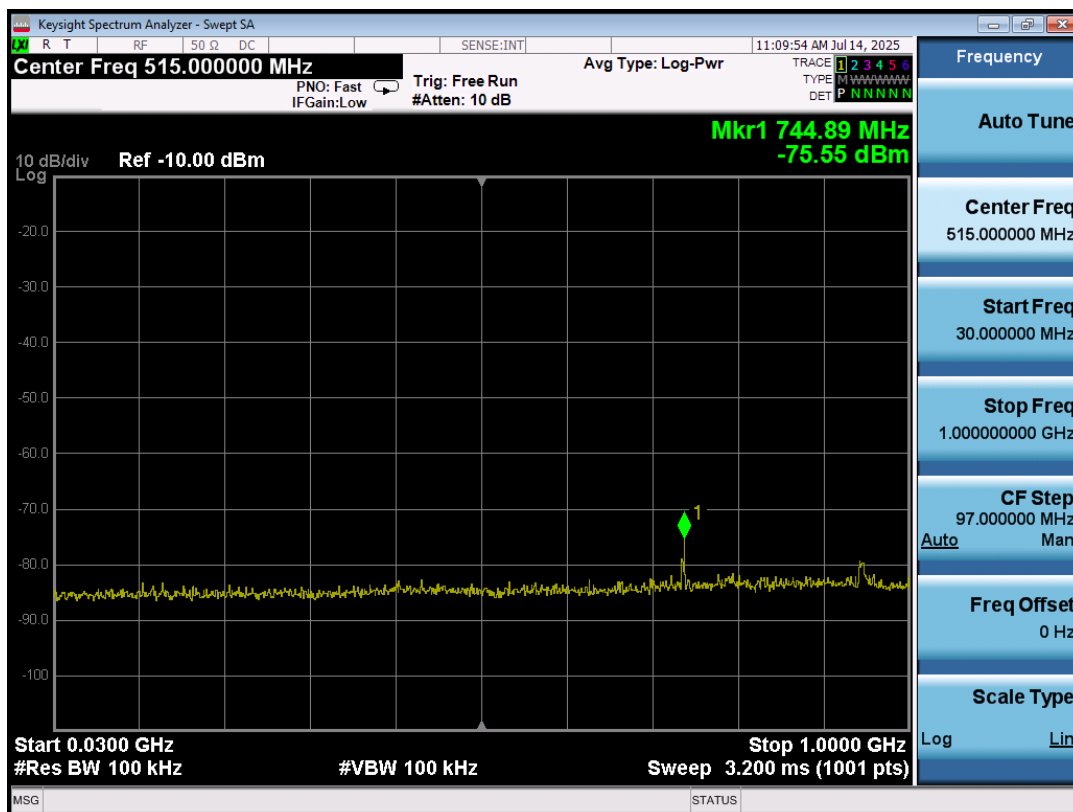
Chain B_Mode 10 : Receiver (802.11ac VHT40) ; 5190MHz : 30 ~ 1000MHz



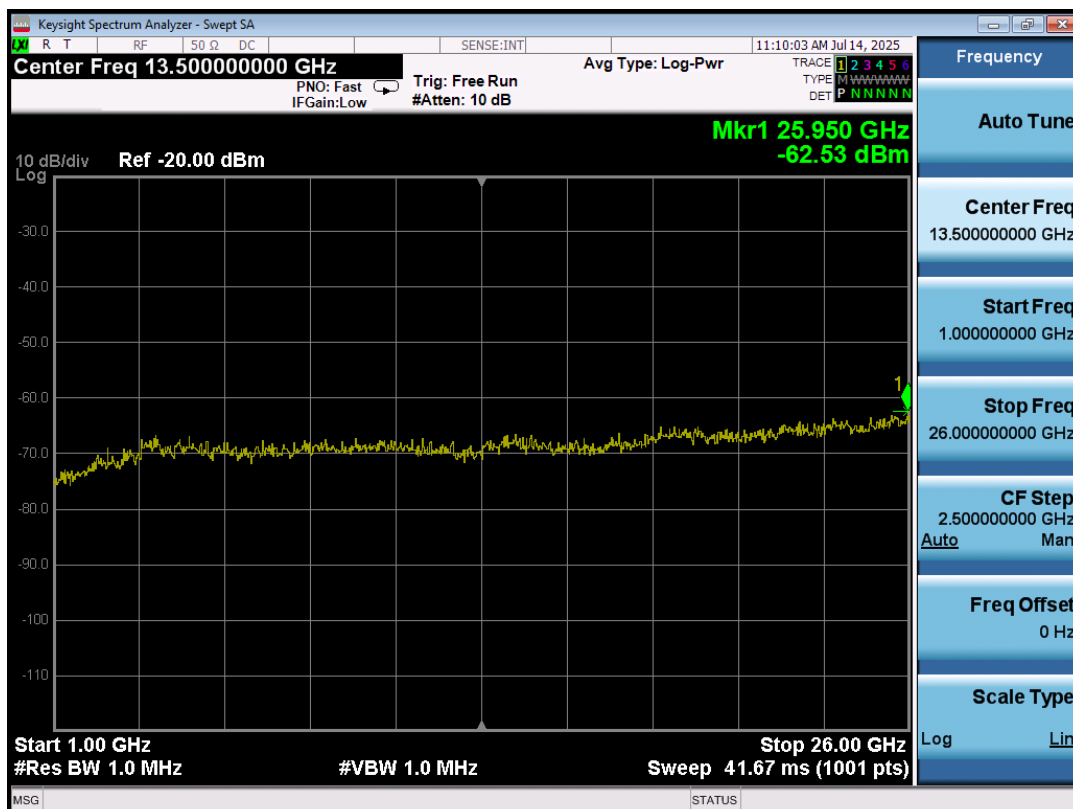
Chain B_Mode 10 : Receiver (802.11ac VHT40) ; 5190MHz : 1000 ~ 26000MHz



Chain B_Mode 10 : Receiver (802.11ac VHT40) ; 5230MHz : 30 ~ 1000MHz



Chain B_Mode 10 : Receiver (802.11ac VHT40) ; 5230MHz : 1000 ~ 26000MHz



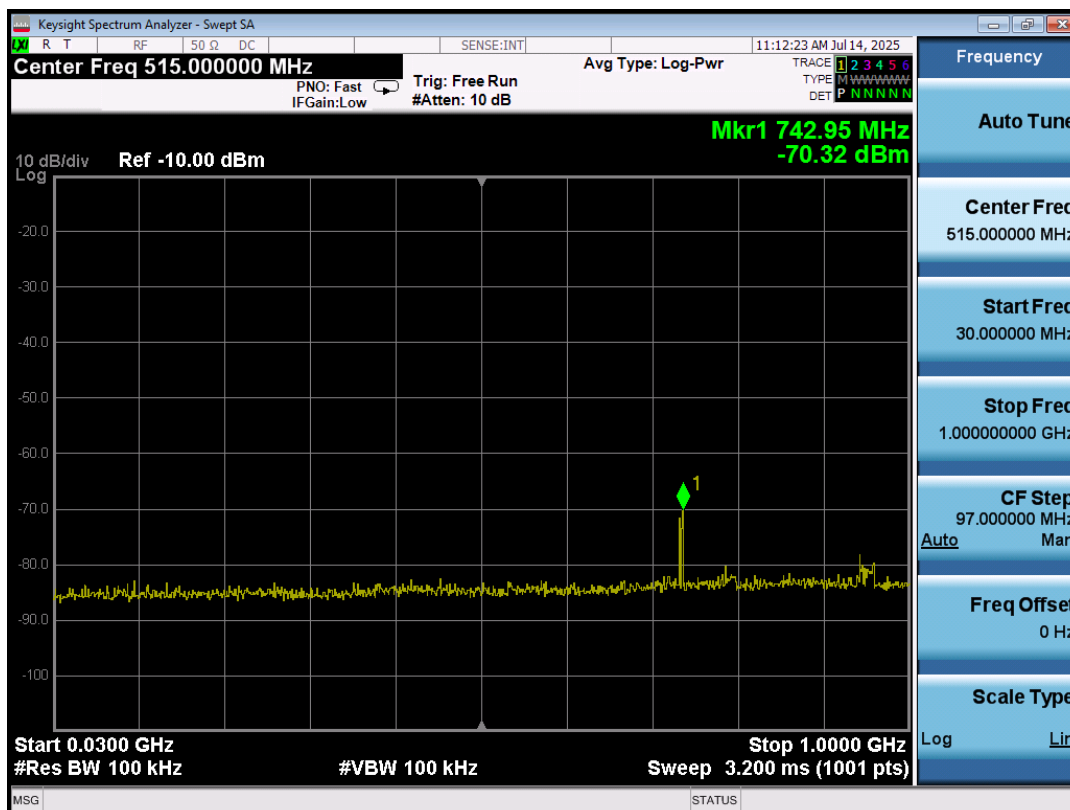
Product : Audio Device
Test Item : Receiver Spurious Emissions
Test Mode : Mode 11 : Receiver (802.11ac VHT80)
Test Voltage : 100V

Freq. (MHz)	Test Freq. (MHz)	Chain A		Chain B		Limit (nW)	Result
		dBm	nW	dBm	nW		
5210	30 ~ 1000	-69.40	0.1148	-75.20	0.0302	≤ 4	Pass
	1000 ~ 26000	-54.19	3.8107	-52.99	5.0234	≤ 20	Pass

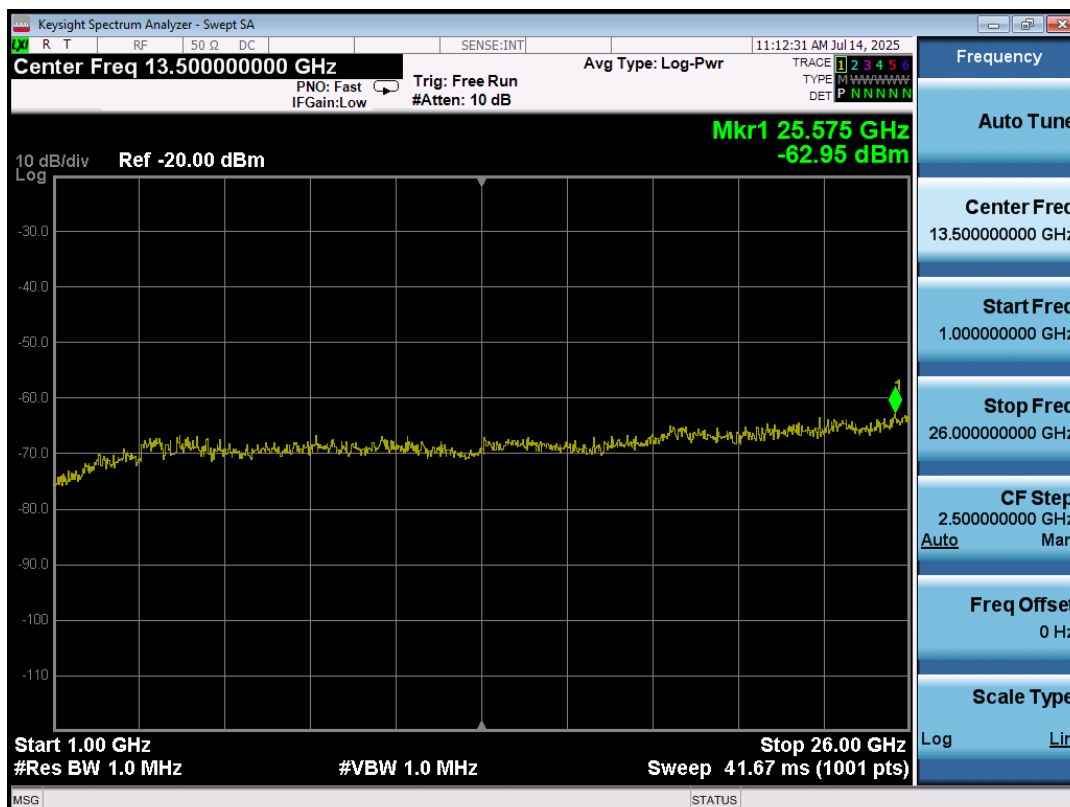
Note:

- (1) Measured Value = Spectrum Reading Value + Cable Loss
- (2) The spectrum plots are attached on the following pages.

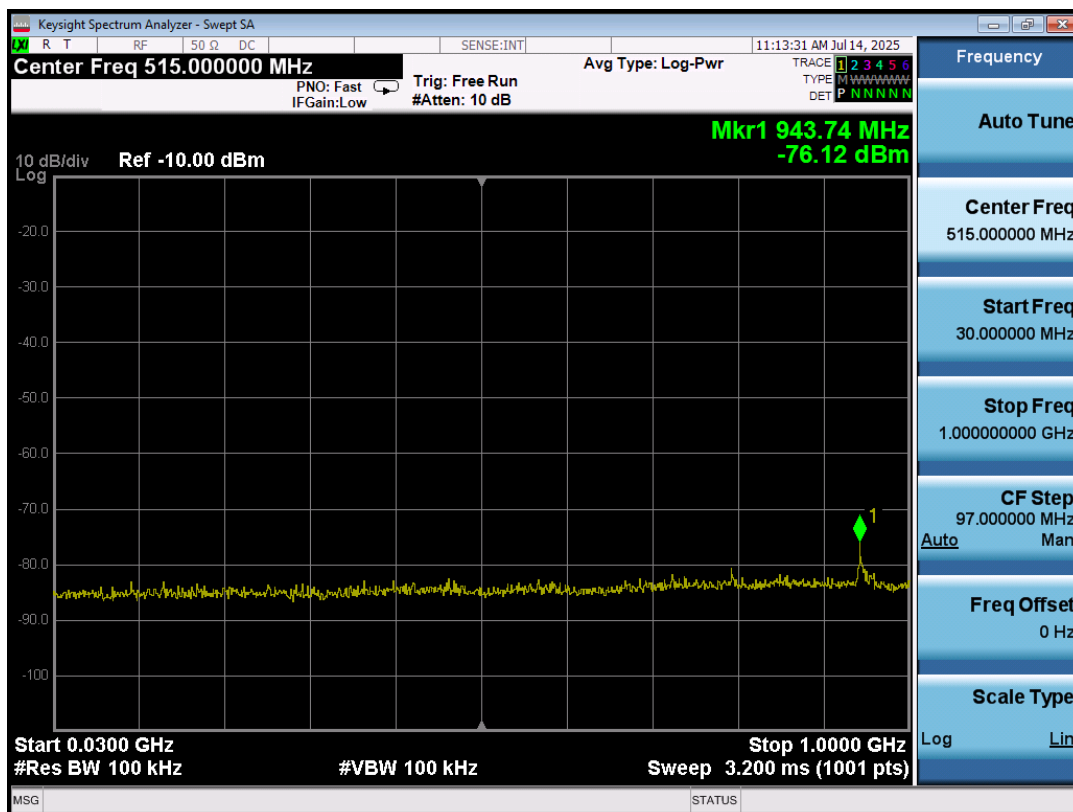
Chain A_Mode 11 : Receiver (802.11ac VHT80) ; 5210MHz : 30 ~ 1000MHz



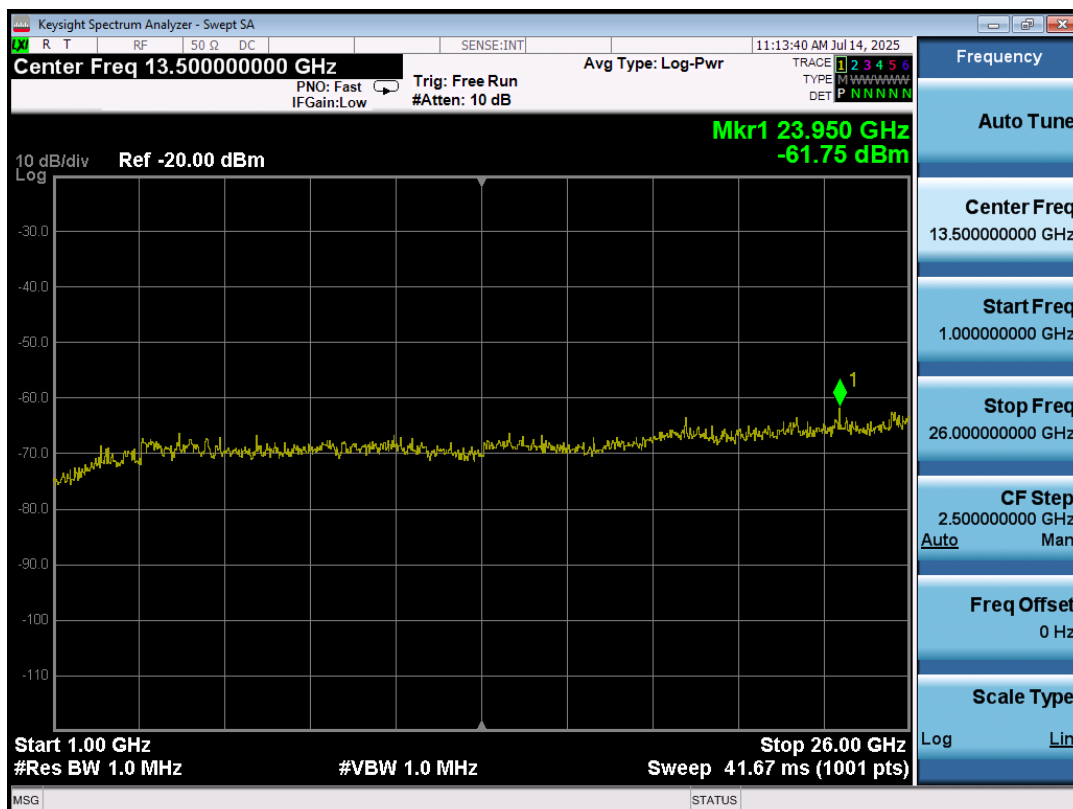
Chain A_Mode 11 : Receiver (802.11ac VHT80) ; 5210MHz : 1000 ~ 26000MHz



Chain B_Mode 11 : Receiver (802.11ac VHT80) ; 5210MHz : 30 ~ 1000MHz



Chain B_Mode 11 : Receiver (802.11ac VHT80) ; 5210MHz : 1000 ~ 26000MHz



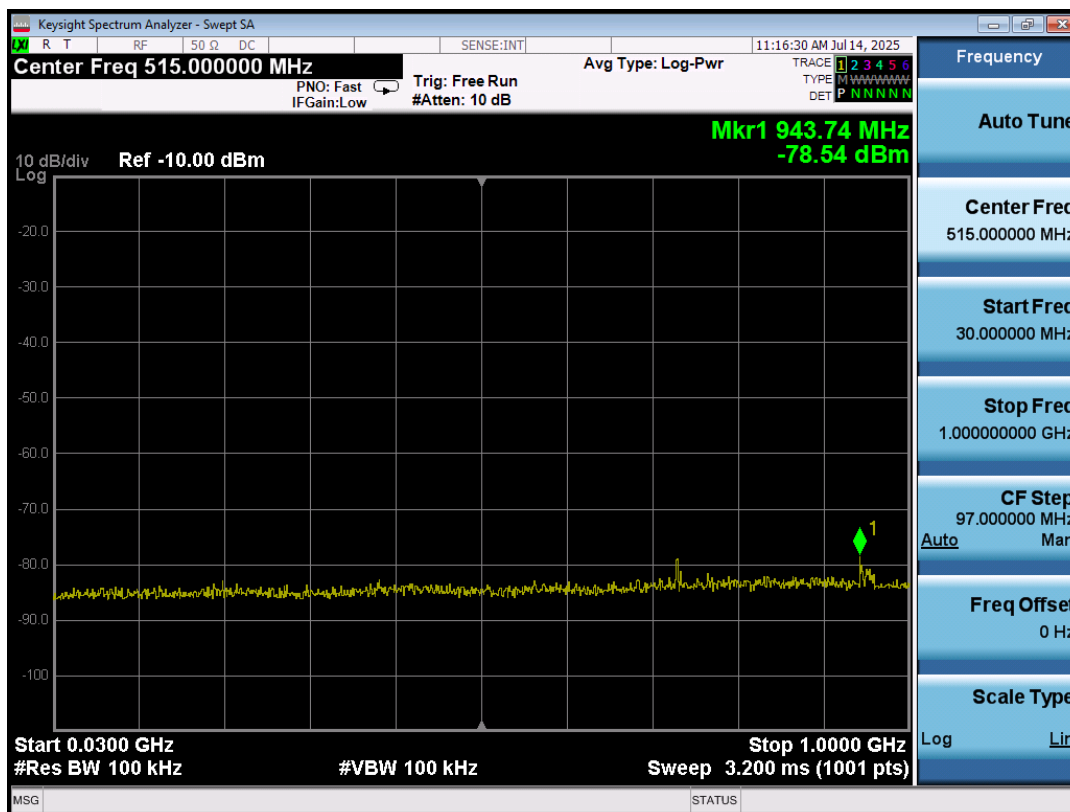
Product : Audio Device
Test Item : Receiver Spurious Emissions
Test Mode : Mode 12 : Receiver (802.11ax HE20)
Test Voltage : 100V

Freq. (MHz)	Test Freq. (MHz)	Chain A		Chain B		Limit (nW)	Result
		dBm	nW	dBm	nW		
5180	30 ~ 1000	-77.62	0.0173	-71.05	0.0785	≤ 4	Pass
	1000 ~ 12500	-53.92	4.0551	-53.81	4.1591	≤ 20	Pass
5220	30 ~ 1000	-79.23	0.0119	-74.34	0.0368	≤ 4	Pass
	1000 ~ 12500	-53.75	4.2170	-53.77	4.1976	≤ 20	Pass
5240	30 ~ 1000	-79.12	0.0122	-75.73	0.0267	≤ 4	Pass
	1000 ~ 12500	-53.80	4.1687	-53.06	4.9431	≤ 20	Pass

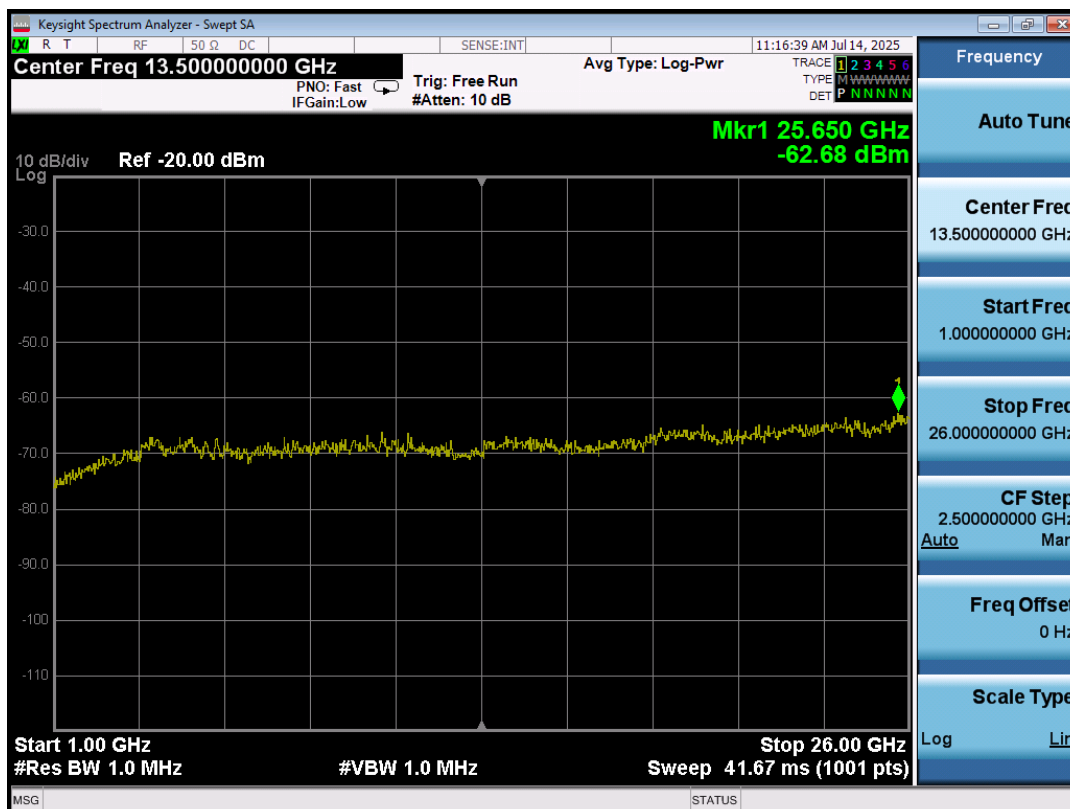
Note:

- (1) Measured Value = Spectrum Reading Value + Cable Loss
- (2) The spectrum plots are attached on the following pages.

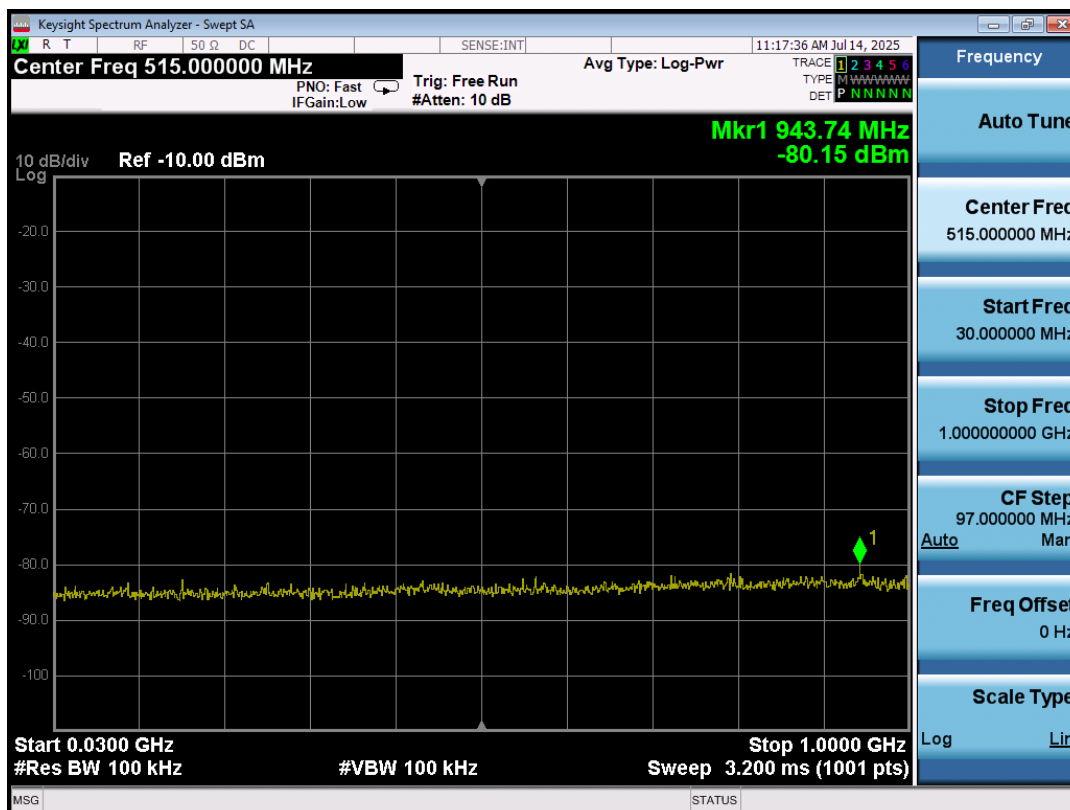
Chain A_Mode 12 : Receiver (802.11ax HE20) ; 5180MHz : 30 ~ 1000MHz



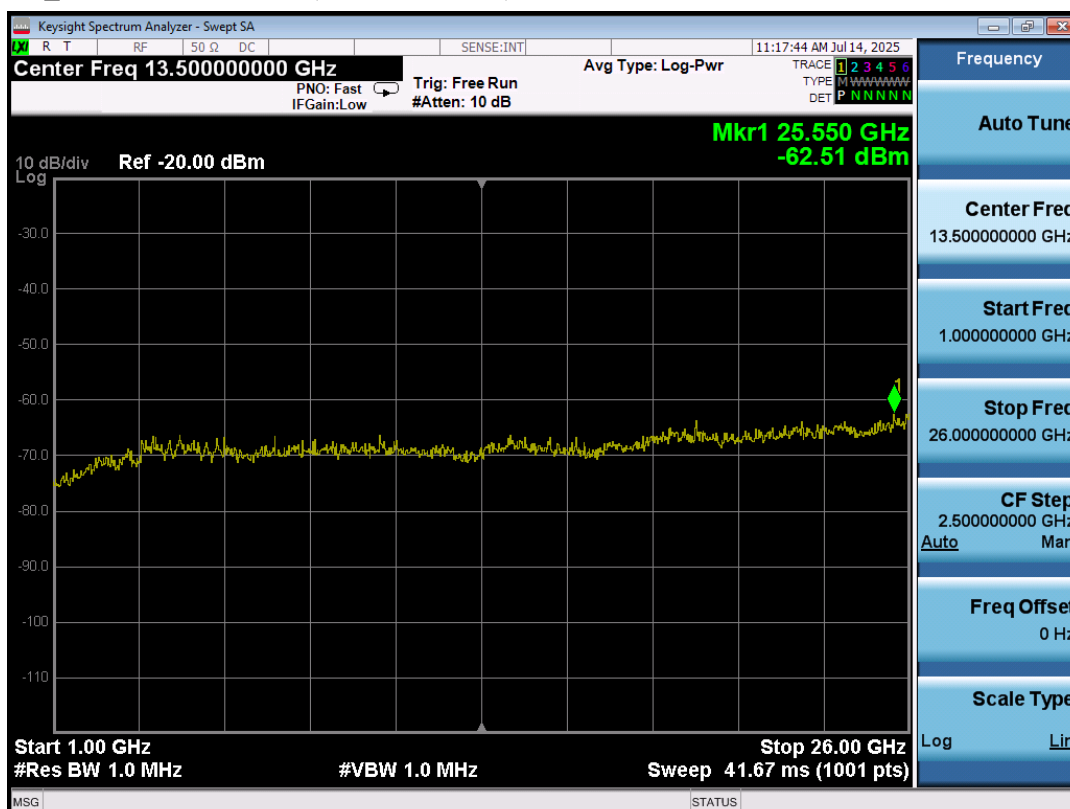
Chain A_Mode 12 : Receiver (802.11ax HE20) ; 5180MHz : 1000 ~ 26000MHz



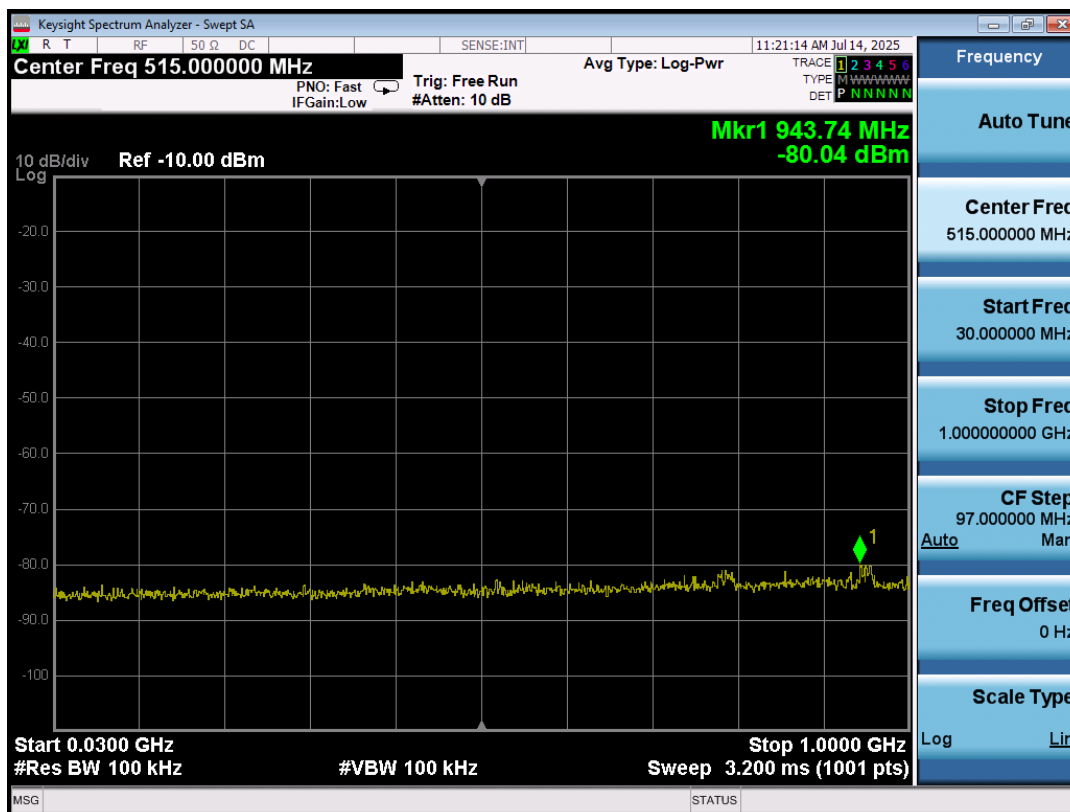
Chain A_Mode 12 : Receiver (802.11ax HE20) ; 5220MHz : 30 ~ 1000MHz



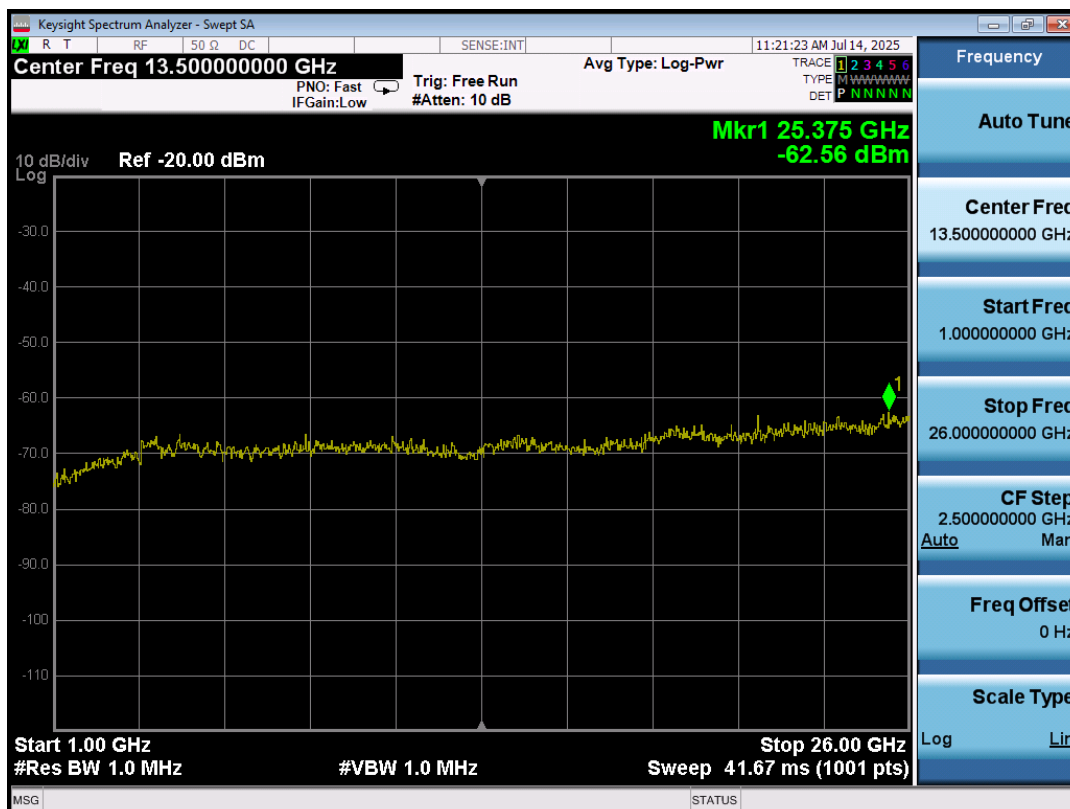
Chain A_Mode 12 : Receiver (802.11ax HE20) ; 5220MHz : 1000 ~ 26000MHz



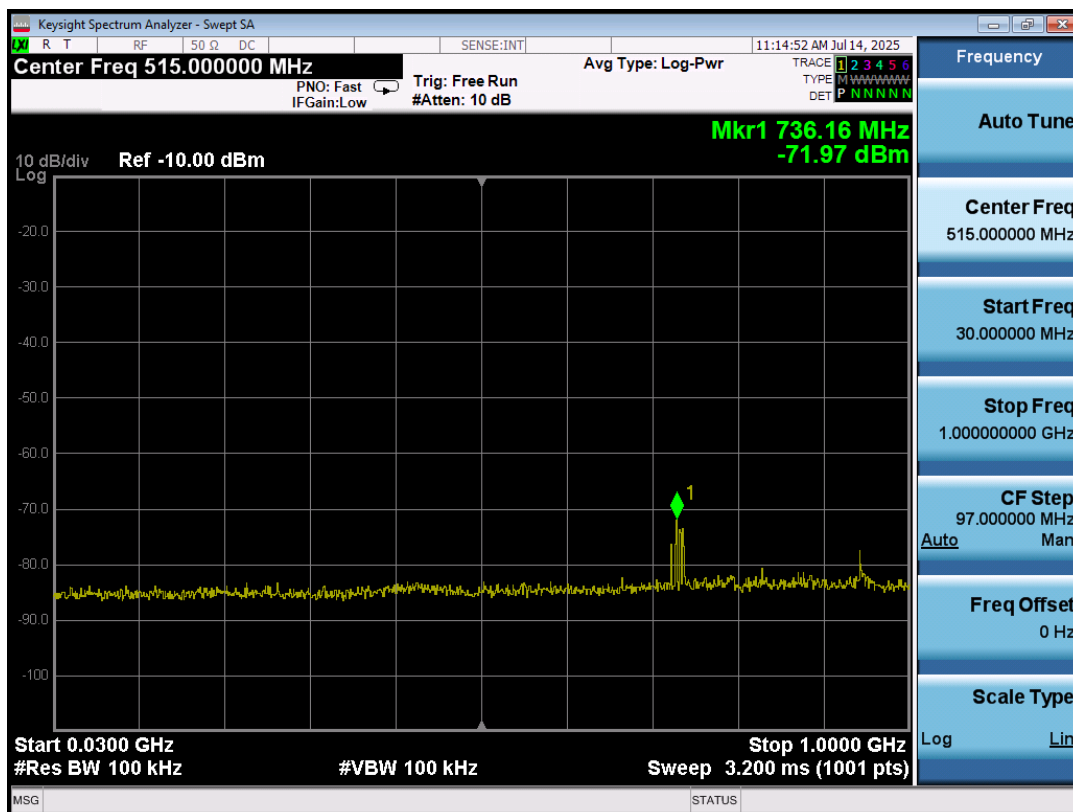
Chain A_Mode 12 : Receiver (802.11ax HE20) ; 5240MHz : 30 ~ 1000MHz



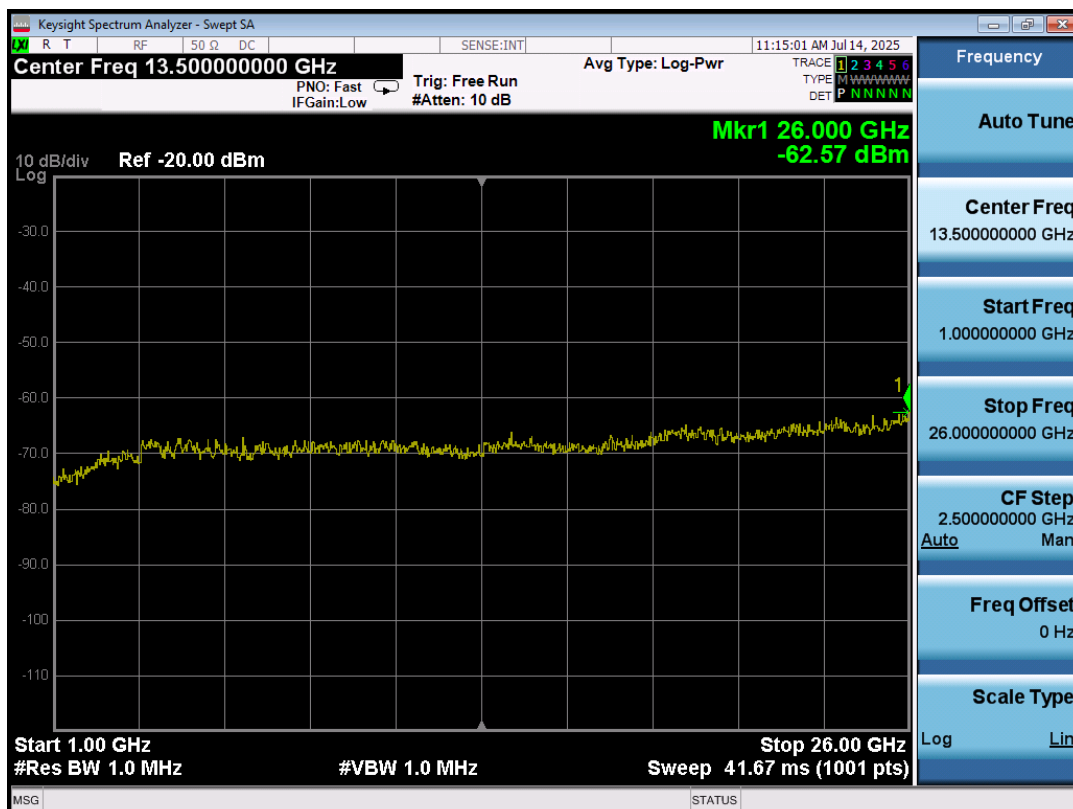
Chain A_Mode 12 : Receiver (802.11ax HE20) ; 5240MHz : 1000 ~ 26000MHz



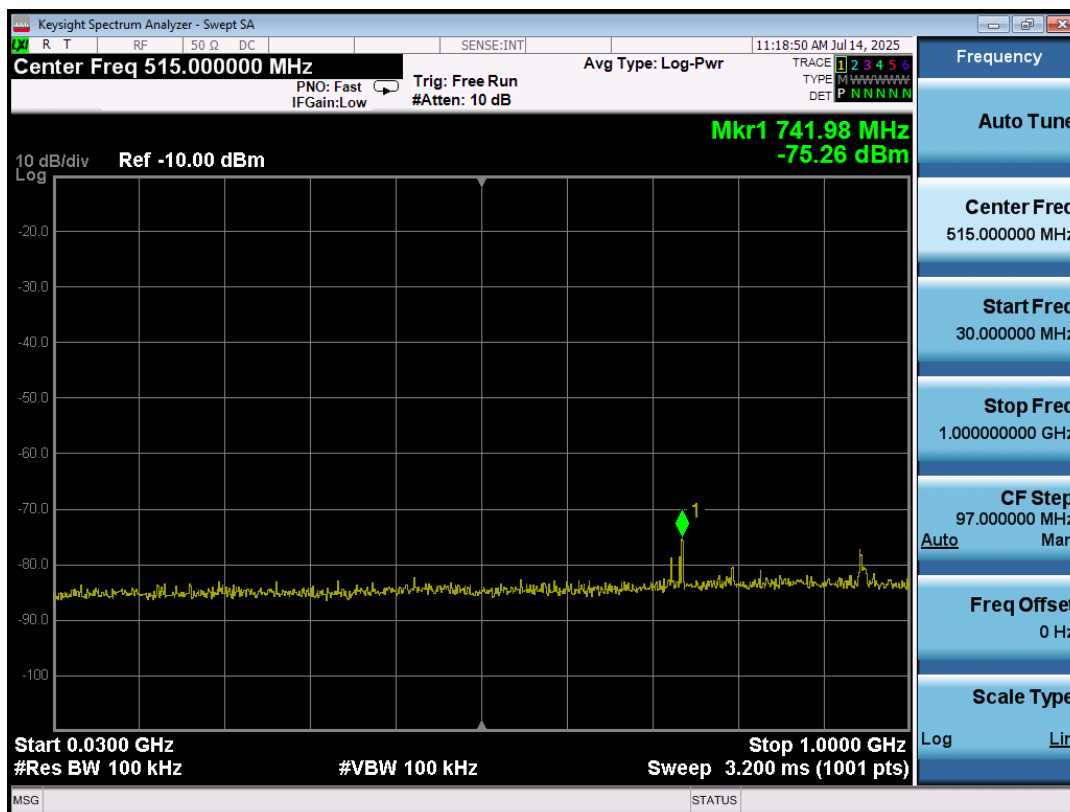
Chain B_Mode 12 : Receiver (802.11ax HE20) ; 5180MHz : 30 ~ 1000MHz



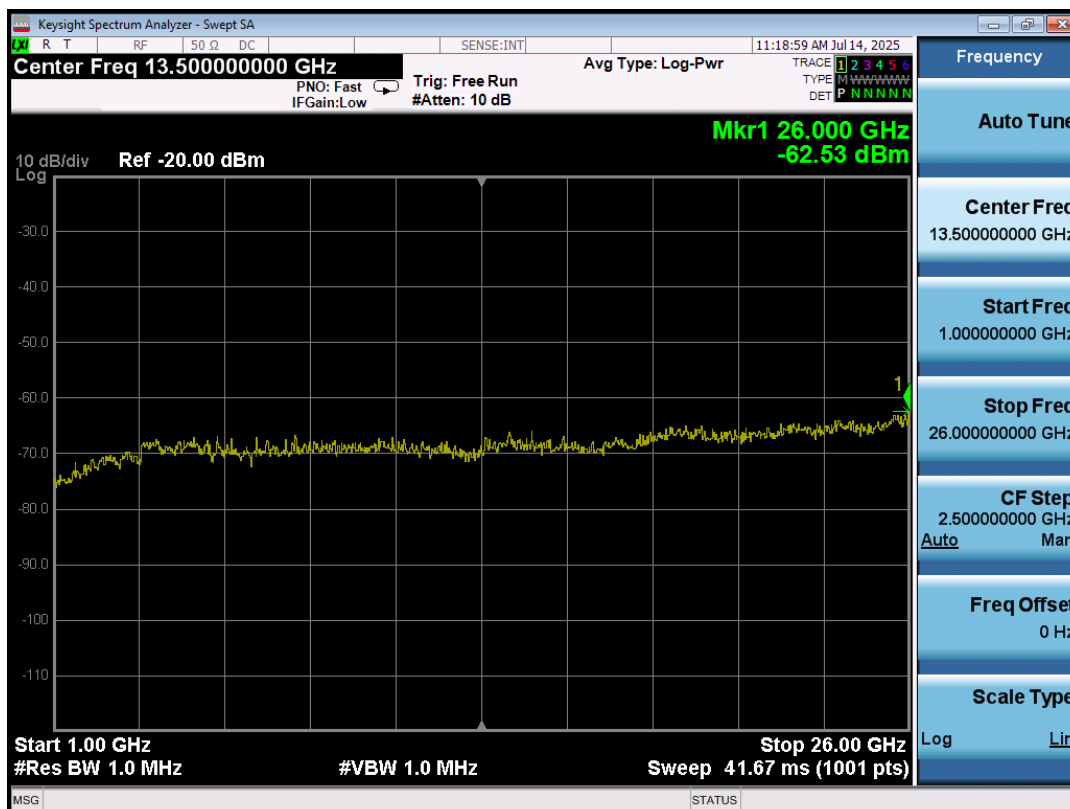
Chain B_Mode 12 : Receiver (802.11ax HE20) ; 5180MHz : 1000 ~ 26000MHz



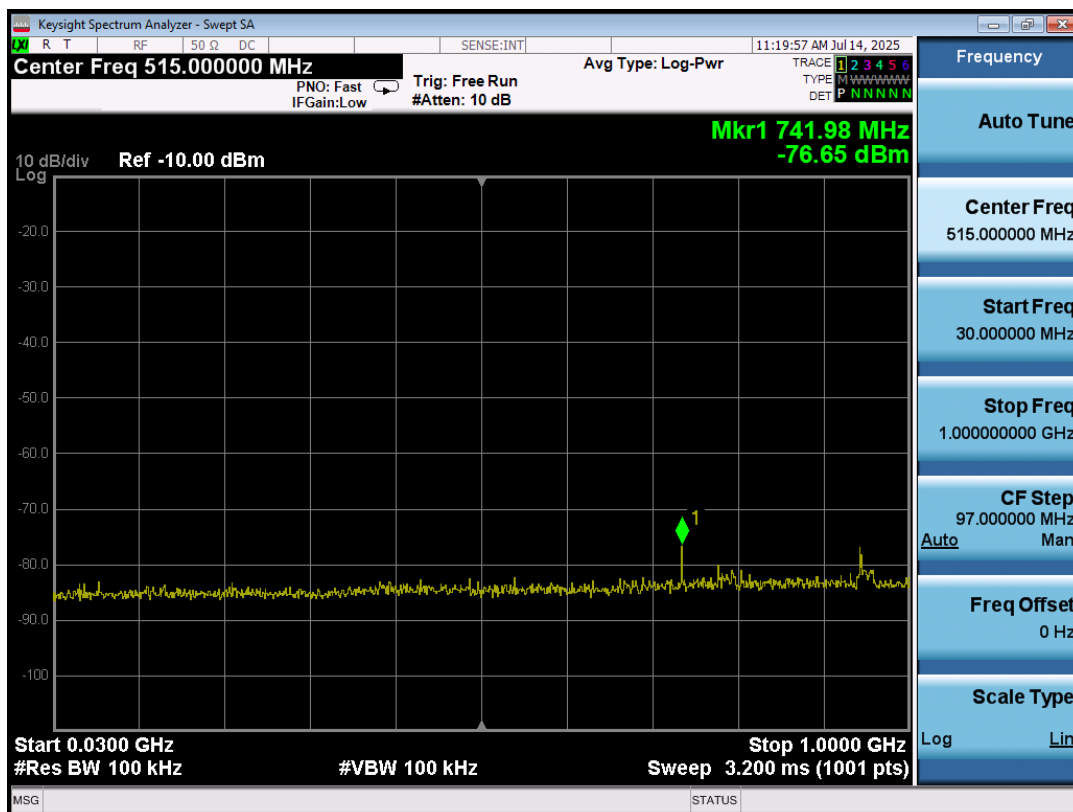
Chain B_Mode 12 : Receiver (802.11ax HE20) ; 5220MHz : 30 ~ 1000MHz



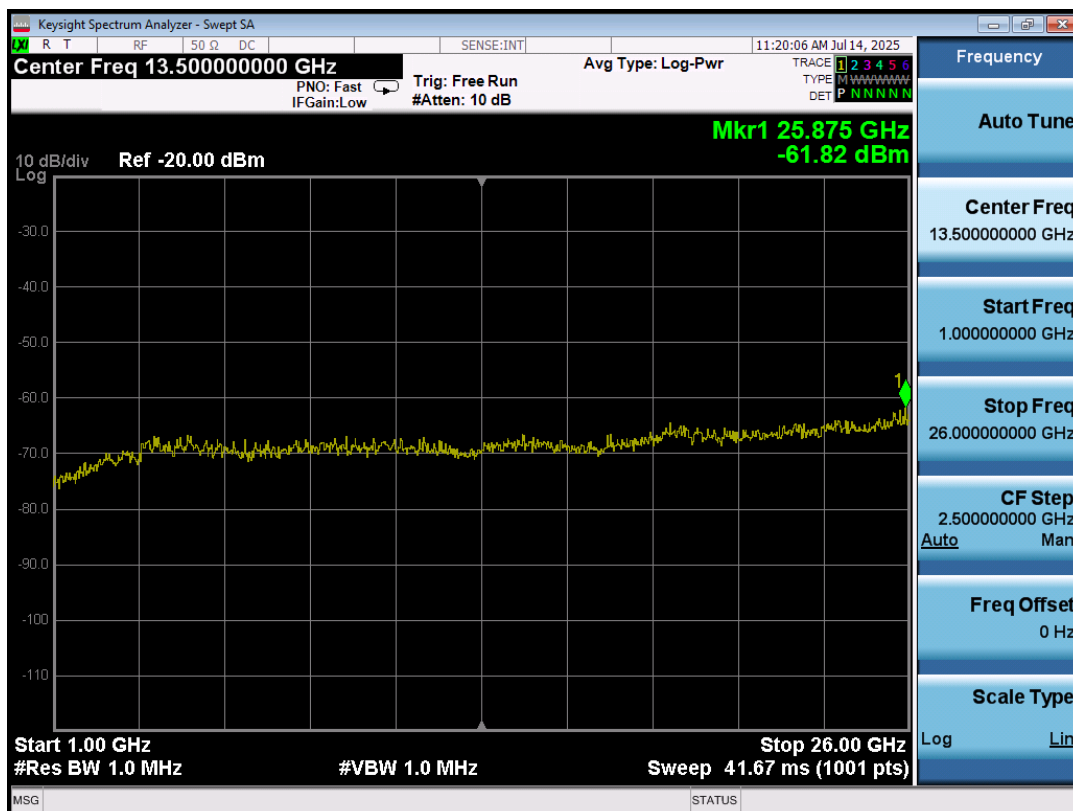
Chain B_Mode 12 : Receiver (802.11ax HE20) ; 5220MHz : 1000 ~ 26000MHz



Chain B_Mode 12 : Receiver (802.11ax HE20) ; 5240MHz : 30 ~ 1000MHz



Chain B_Mode 12 : Receiver (802.11ax HE20) ; 5240MHz : 1000 ~ 26000MHz



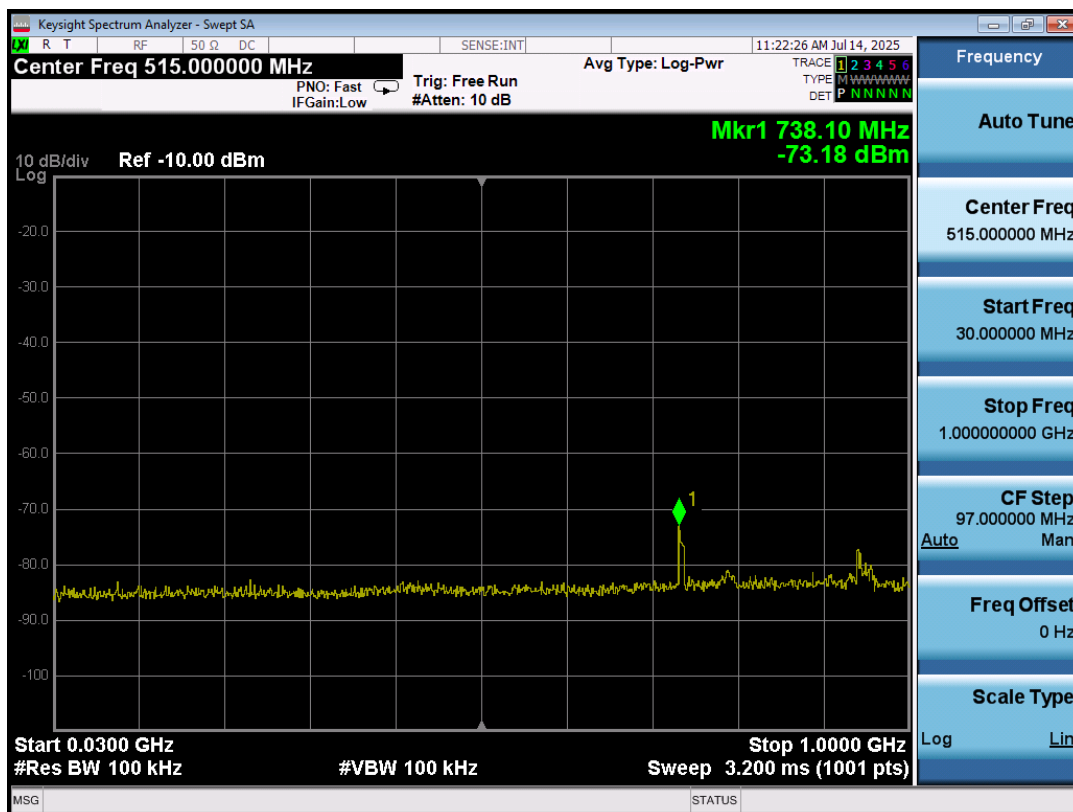
Product : Audio Device
Test Item : Receiver Spurious Emissions
Test Mode : Mode 13 : Receiver (802.11ax HE40)
Test Voltage : 100V

Freq. (MHz)	Test Freq. (MHz)	Chain A		Chain B		Limit (nW)	Result
		dBm	nW	dBm	nW		
5190	30 ~ 1000	-72.26	0.0594	-72.98	0.0504	≤ 4	Pass
	1000 ~ 26000	-54.15	3.8459	-54.00	3.9811	≤ 20	Pass
5230	30 ~ 1000	-77.35	0.0184	-69.87	0.1030	≤ 4	Pass
	1000 ~ 26000	-53.52	4.4463	-53.64	4.3251	≤ 20	Pass

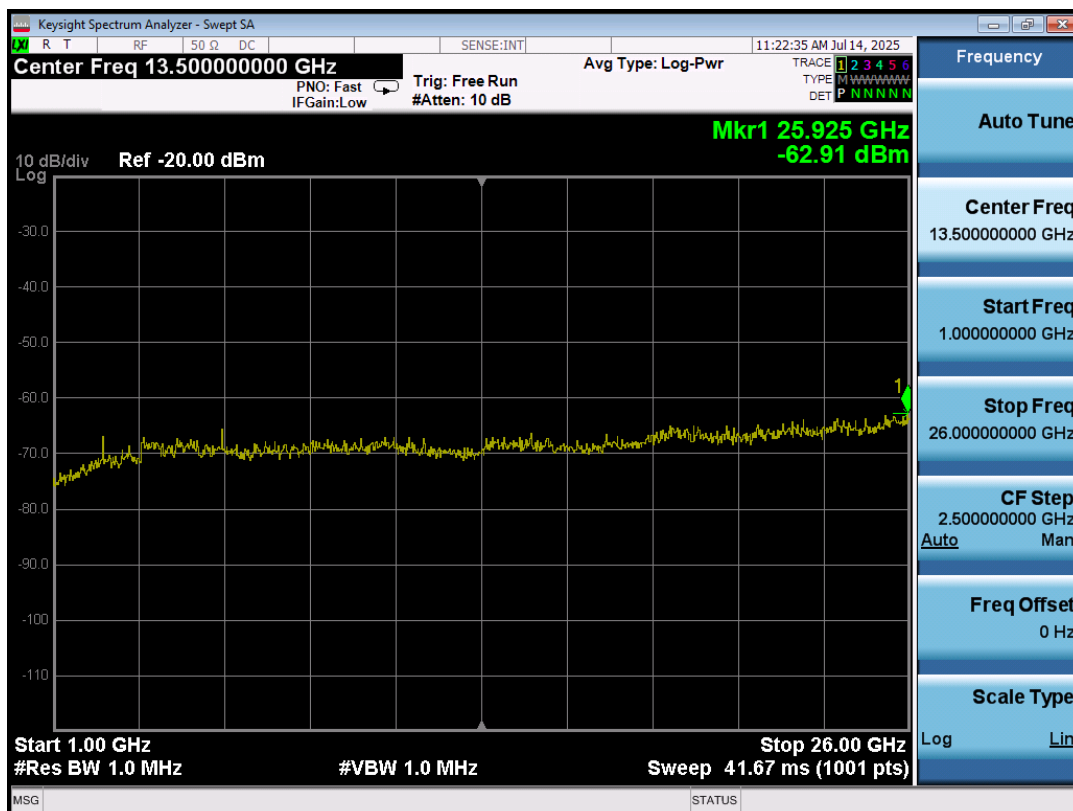
Note:

- (1) Measured Value = Spectrum Reading Value + Cable Loss
- (2) The spectrum plots are attached on the following pages.

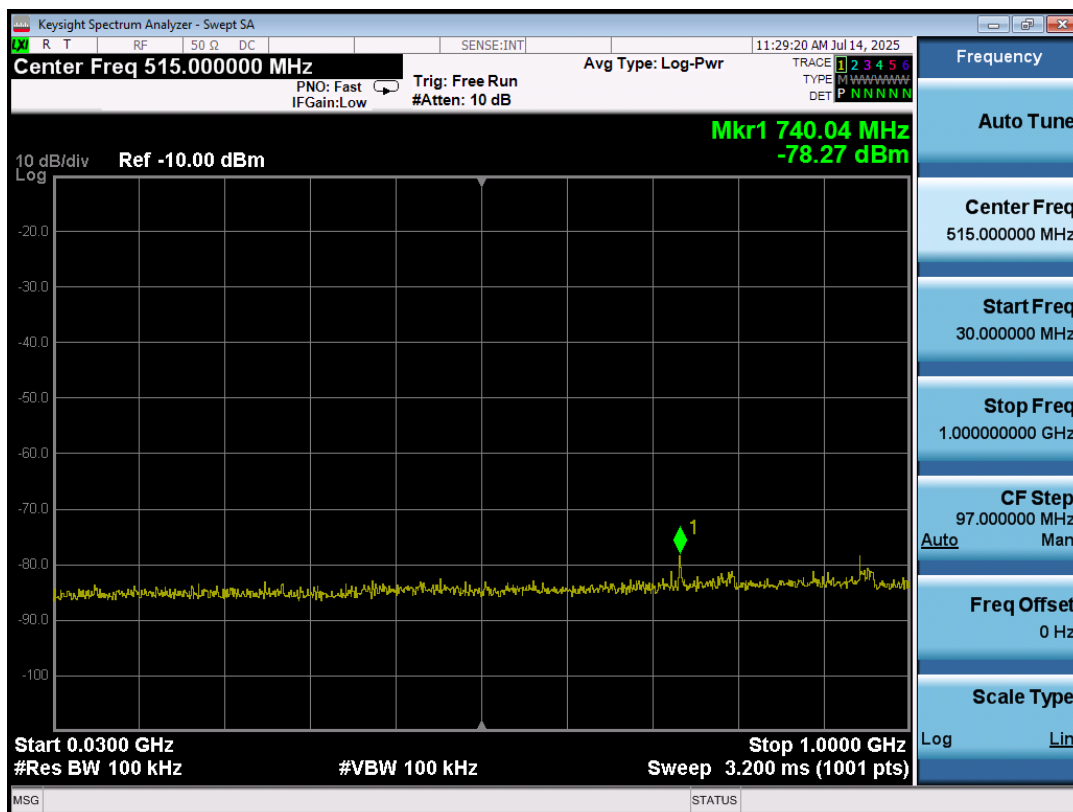
Chain A_Mode 13 : Receiver (802.11ax HE40) ; 5190MHz : 30 ~ 1000MHz



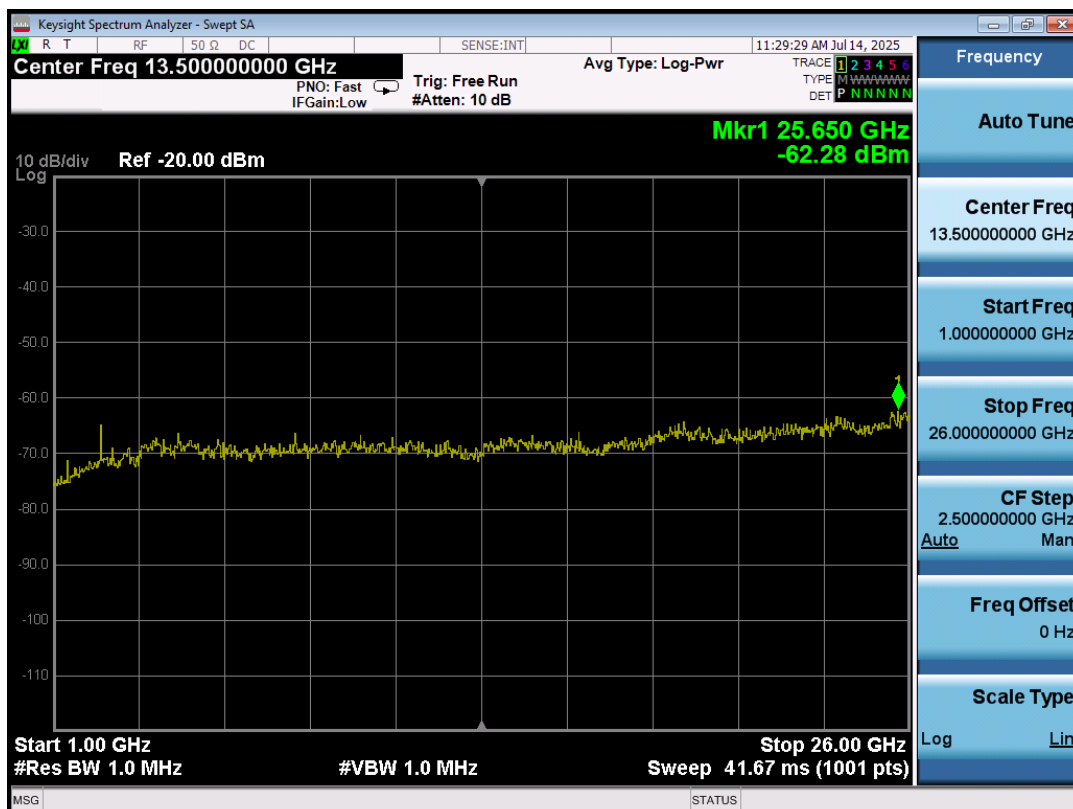
Chain A_Mode 13 : Receiver (802.11ax HE40) ; 5190MHz : 1000 ~ 26000MHz



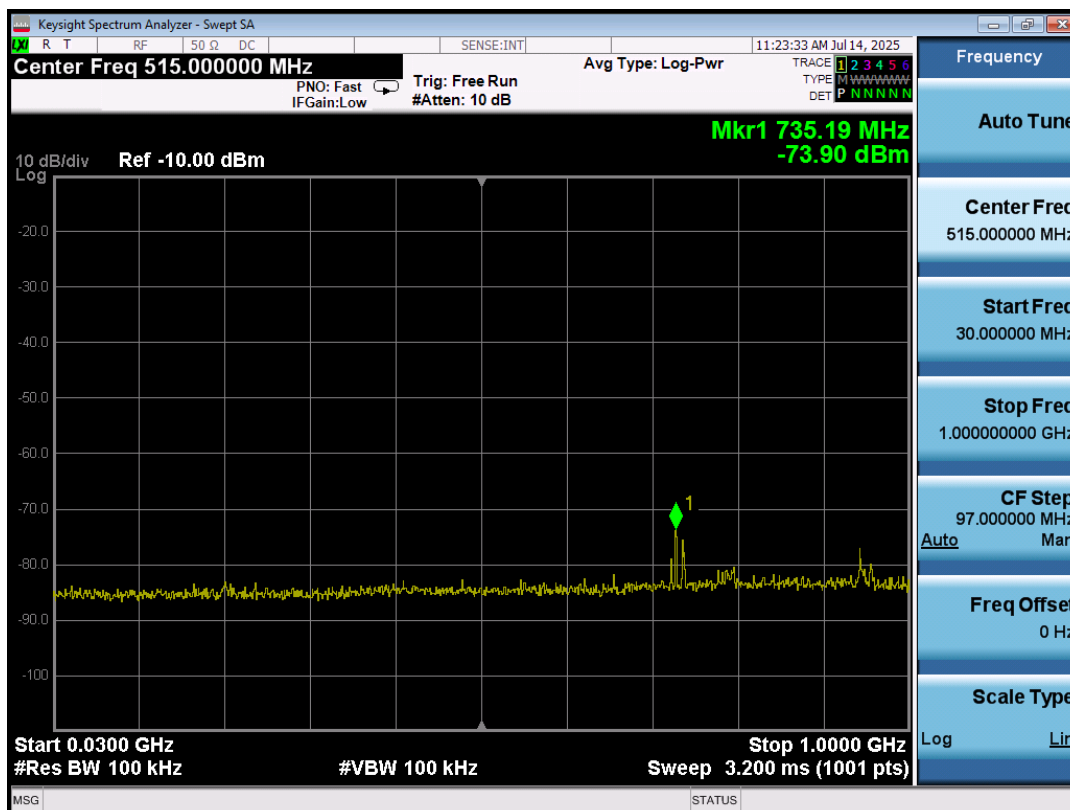
Chain A_Mode 13 : Receiver (802.11ax HE40) ; 5230MHz : 30 ~ 1000MHz



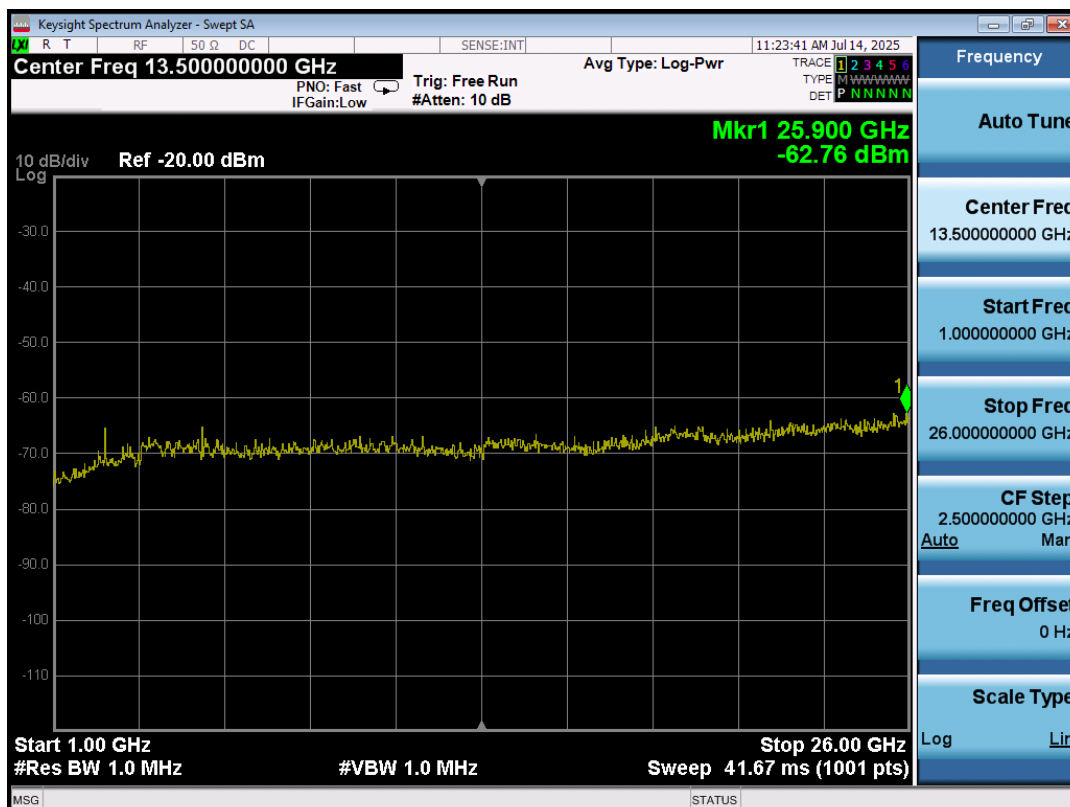
Chain A_Mode 13 : Receiver (802.11ax HE40) ; 5230MHz : 1000 ~ 26000MHz



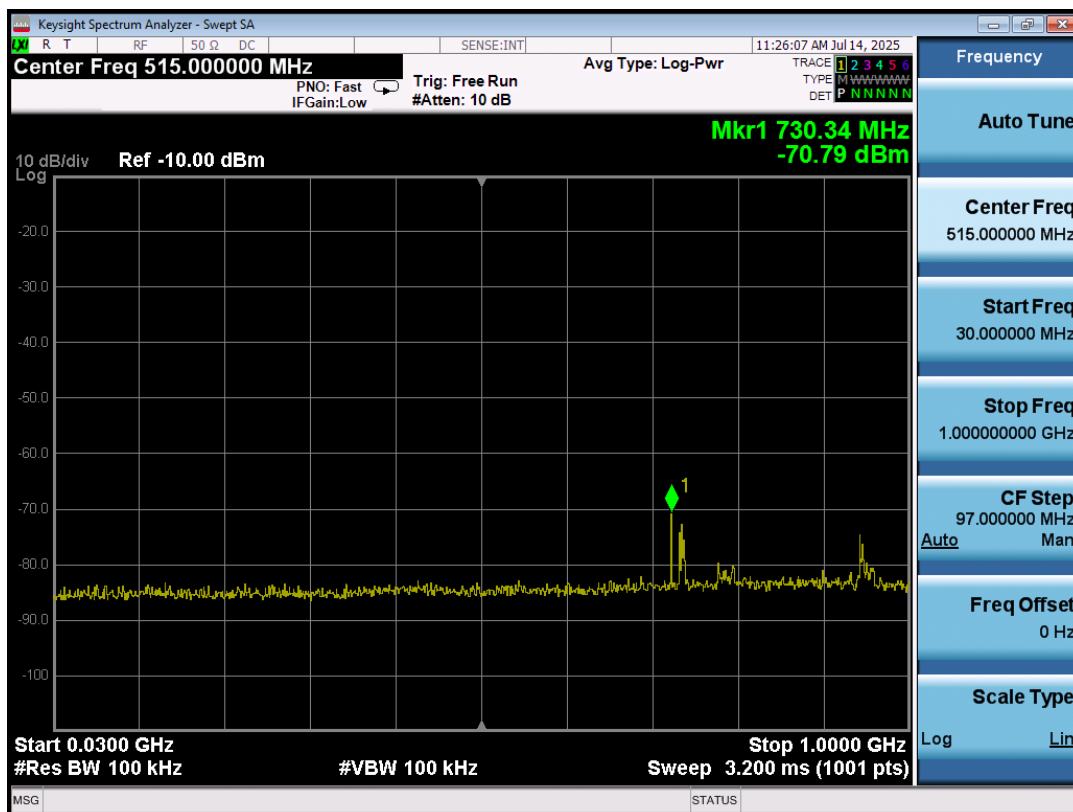
Chain B_Mode 13 : Receiver (802.11ax HE40) ; 5190MHz : 30 ~ 1000MHz



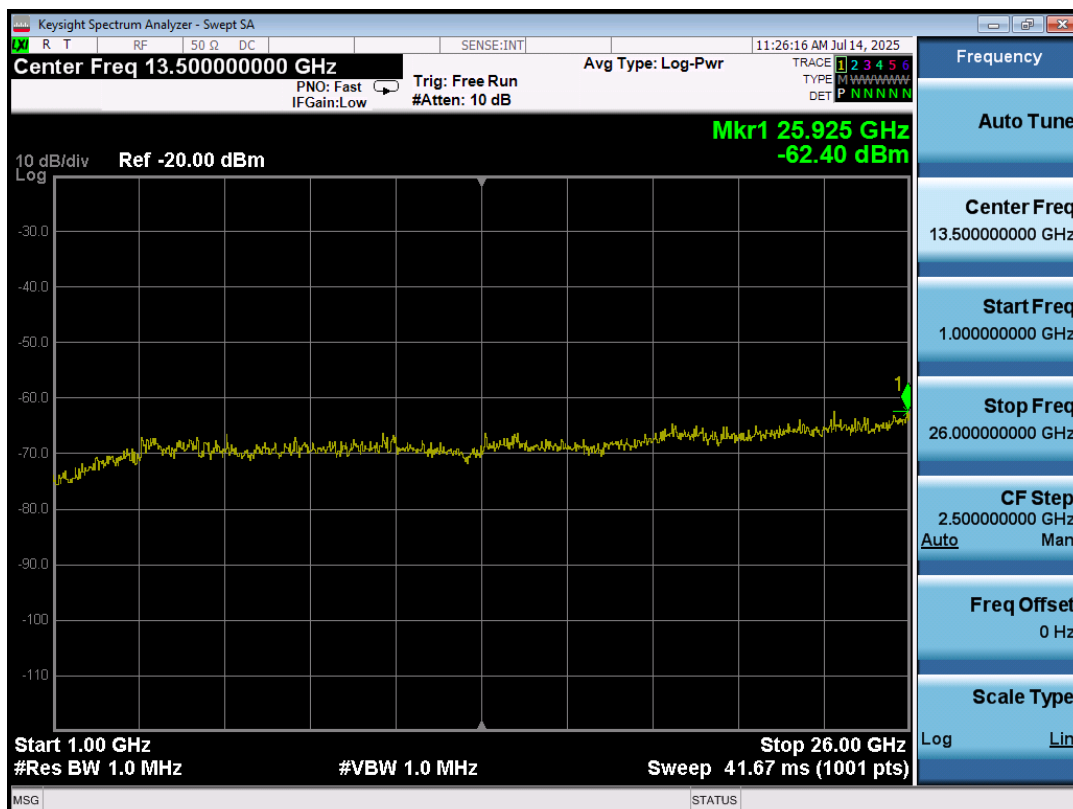
Chain B_Mode 13 : Receiver (802.11ax HE40) ; 5190MHz : 1000 ~ 26000MHz



Chain B_Mode 13 : Receiver (802.11ax HE40) ; 5230MHz : 30 ~ 1000MHz



Chain B_Mode 13 : Receiver (802.11ax HE40) ; 5230MHz : 1000 ~ 26000MHz



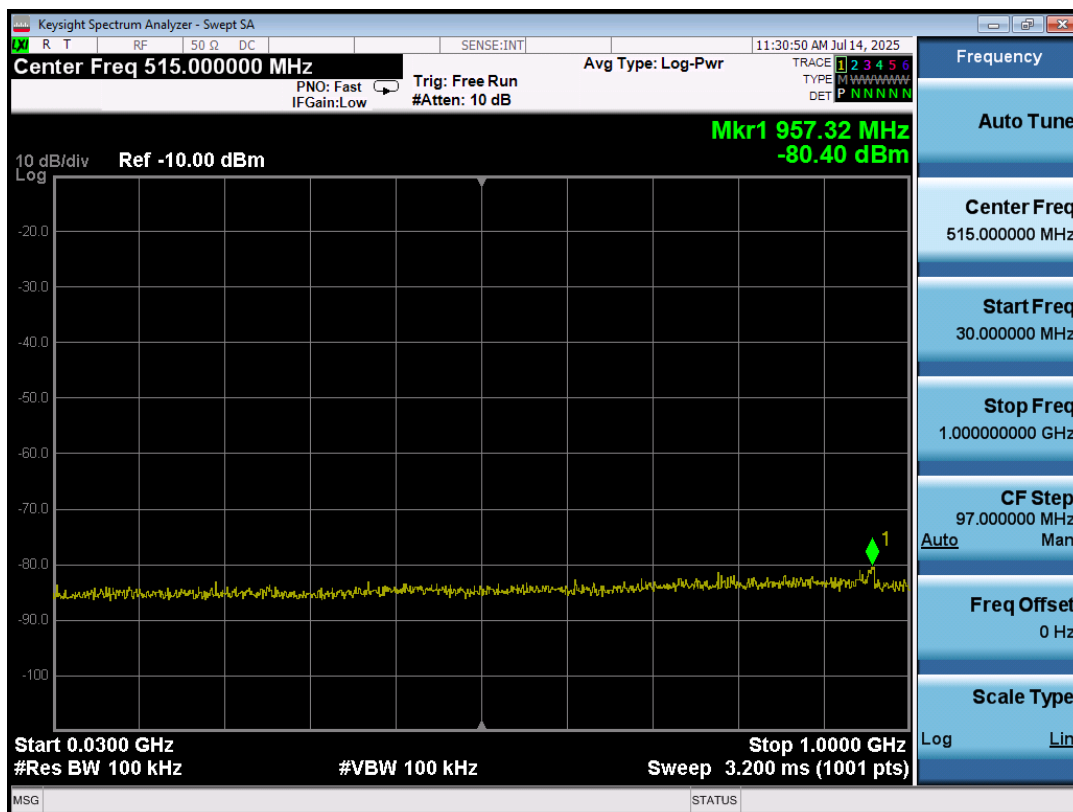
Product : Audio Device
Test Item : Receiver Spurious Emissions
Test Mode : Mode 14 : Receiver (802.11ax HE80)
Test Voltage : 100V

Freq. (MHz)	Test Freq. (MHz)	Chain A		Chain B		Limit (nW)	Result
		dBm	nW	dBm	nW		
5210	30 ~ 1000	-79.48	0.0113	-67.02	0.1986	≤ 4	Pass
	1000 ~ 26000	-53.27	4.7098	-53.25	4.7315	≤ 20	Pass

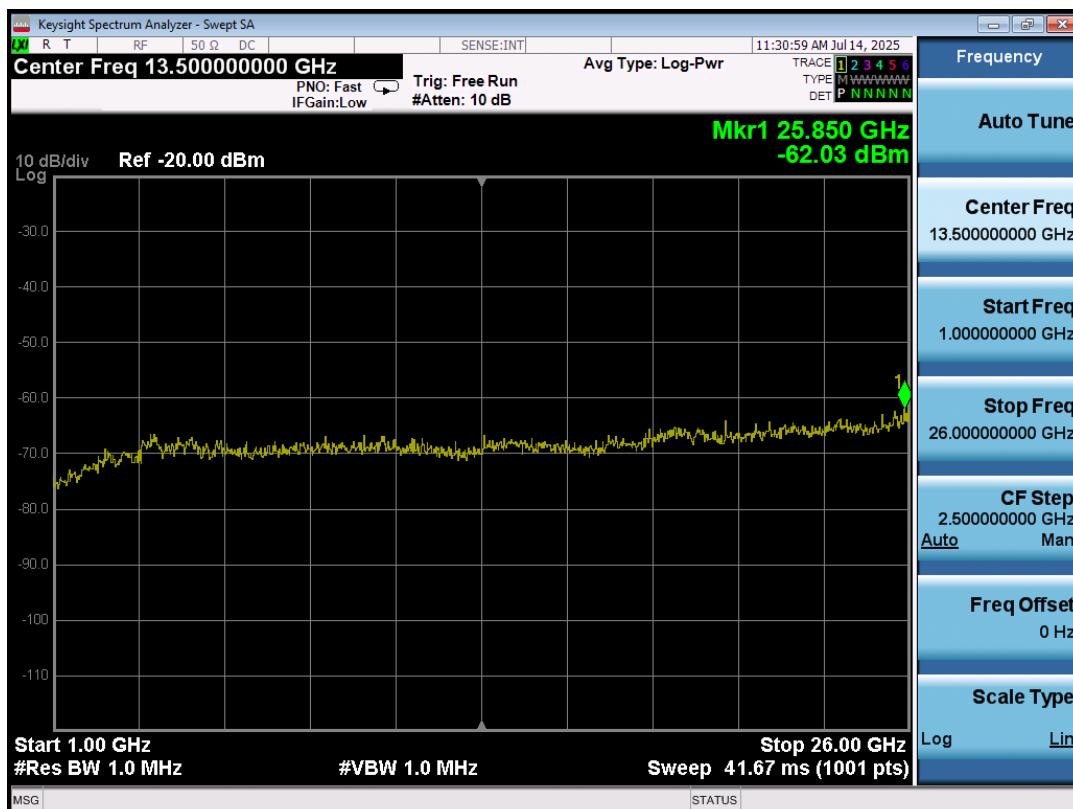
Note:

- (1) Measured Value = Spectrum Reading Value + Cable Loss
- (2) The spectrum plots are attached on the following pages.

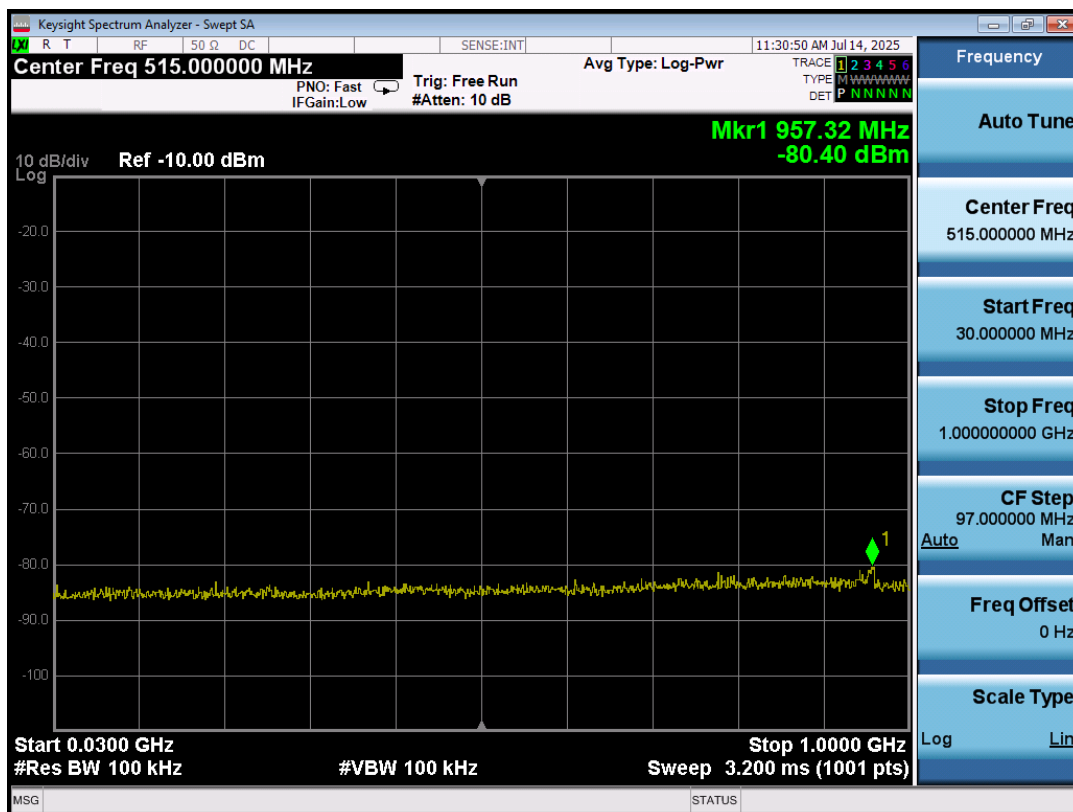
Chain A_Mode 14 : Receiver (802.11ax HE80) ; 5210MHz : 30 ~ 1000MHz



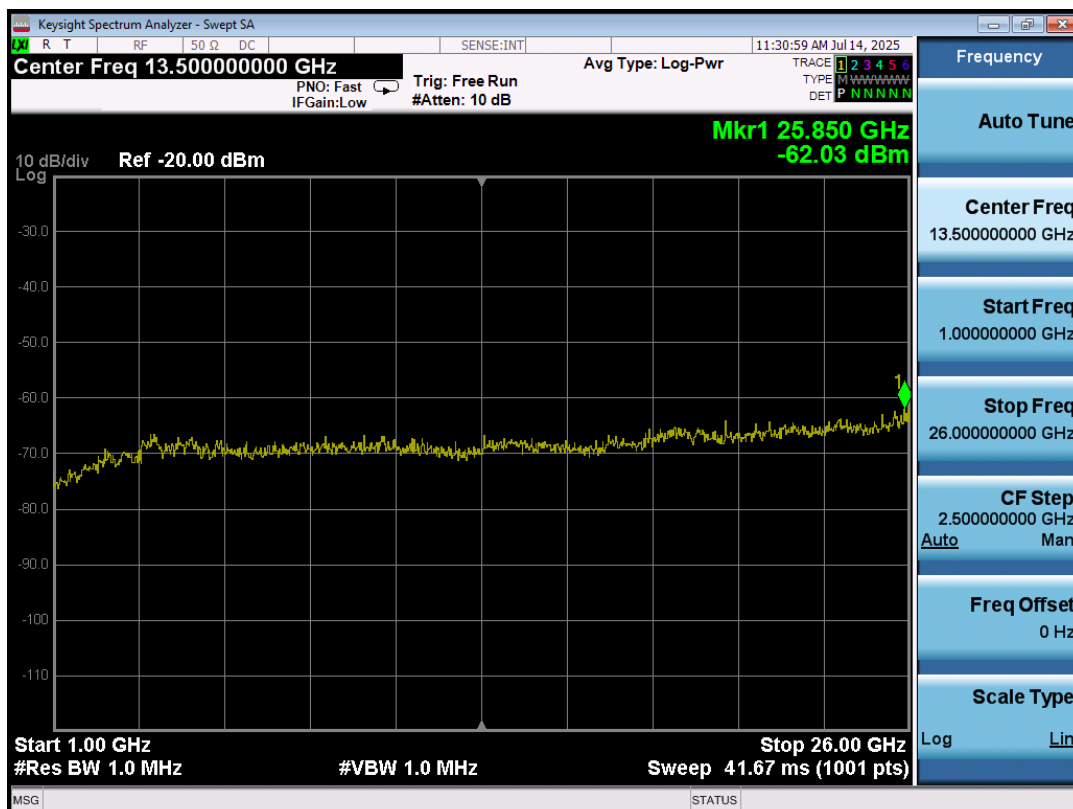
Chain A_Mode 14 : Receiver (802.11ax HE80) ; 5210MHz : 1000 ~ 26000MHz



Chain B_Mode 14 : Receiver (802.11ax HE80) ; 5210MHz : 30 ~ 1000MHz



Chain B_Mode 14 : Receiver (802.11ax HE80) ; 5210MHz : 1000 ~ 26000MHz

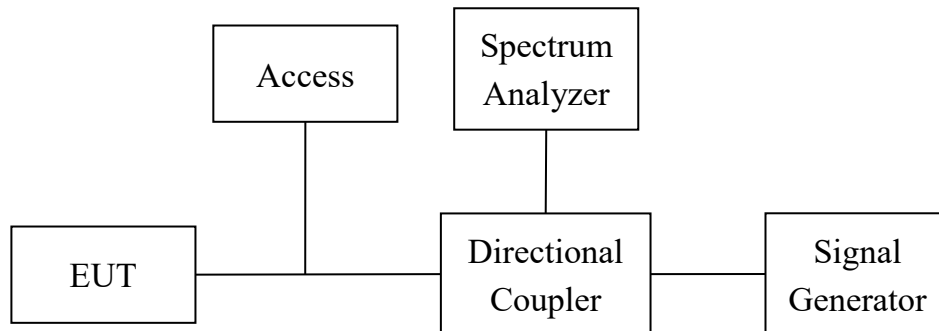


2.8 Carrier Sensing Measurement

2.8.1 Limit

Stop transmission while Carrier detecting.

2.8.2 Test Setup



2.8.3 Test Procedure

1. Link EUT and Access Point to Directional Coupler input port.
2. Link Signal Generator and Spectrum Analyzer to test port and output port in the Directional Coupler separately.
3. A positive Peak Detector function in Spectrum Analyzer must be used.
4. Set the Span to Zero.
5. Press the Signal Generator on and it will output the Carrier Signal. When the Link breaks off, wait a minute and press the Signal Generator off. After a while, reset the Link and done the test.

2.8.4 Test Result

Product	: Audio Device
Test Item	: Carrier Sensing
Test Mode	: Mode 7 : Transmit (802.11ax HE80)
Test Freq.	: 802.11ax(HE80)_5210MHz
Test Date	: 2025/07/24



Signal Generator Power Level (dBm)= 22.79 + G – 20log (F)

G: Antenna Gain

F: operation frequency

Power Level = 22.79 + 2-20log(5210MHz)

= -49.55 dBm

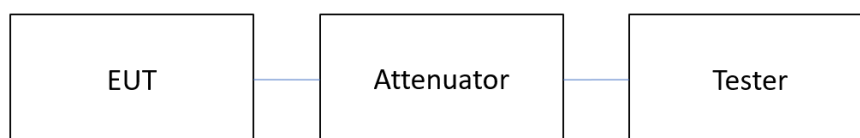
2.9 Interference Prevention Function

2.9.1 Limit

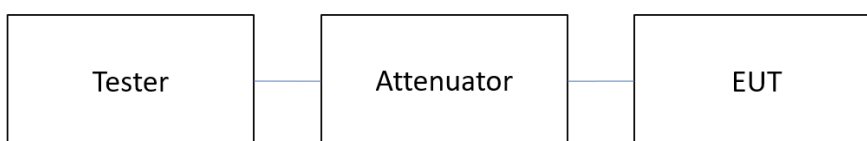
Item	Limit
Identification code	≥ 48 bits

2.9.2 Test Setup

- (1) When sending an identification code



- (2) When receiving an identification code



2.9.3 Test Procedure

Test method: According to Notification No. 88 of MIC, 2004, Annex 45(Interference Prevention Function)

1. When EUT has a function to automatically transmit an identification code
 - (a) Transmit the identification code specified in the Equipment Regulations from the test equipment.
 - (b) Check the identification code sent by the demodulator.
2. When the test equipment has a function to automatically receive the identification code
 - (a) Transmit the identification code specified in the Equipment Regulations from the counterpart device.
 - (b) Confirm that communication is performed with the EUT using the dedicated jig.
 - (c) Transmit a code different from the identification code specified in the Equipment Regulations from the counterpart device.
 - (d) Confirm that EUT stops transmission or displays that the identification code is different.

2.9.4 Test Result

The Mac Address is 9C:B8:B4:5F:1F:82

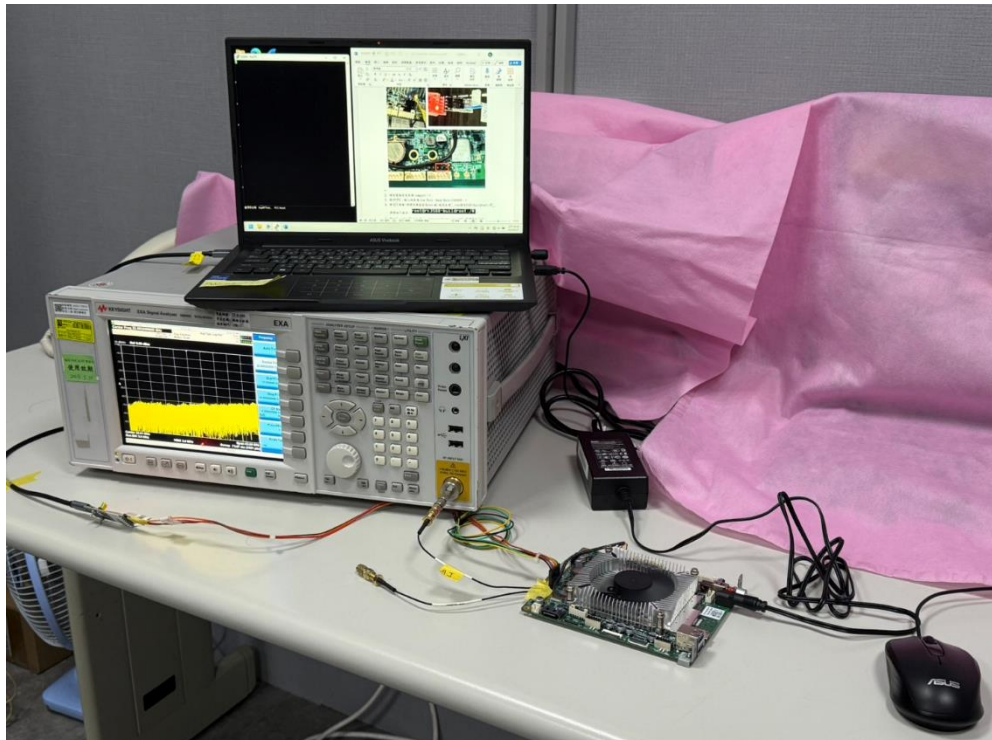
```
root@rk3588-buildroot:/# ifconfig wlan0
wlan0      Link encap:Ethernet HWaddr 9C:B8:B4:5F:1F:82
           inet6 addr: fe80::b427:33ec:f19b:a403/64 Scope:Link
           UP BROADCAST RUNNING MULTICAST  MTU:1500  Metric:1
           RX packets:13 errors:0 dropped:0 overruns:0 frame:0
           TX packets:5 errors:0 dropped:0 overruns:0 carrier:0
           collisions:0 txqueuelen:1000
           RX bytes:1957 (1.9 KiB)  TX bytes:438 (438.0 B)
```

2.10 EMI Reduction Method During Compliance Testing

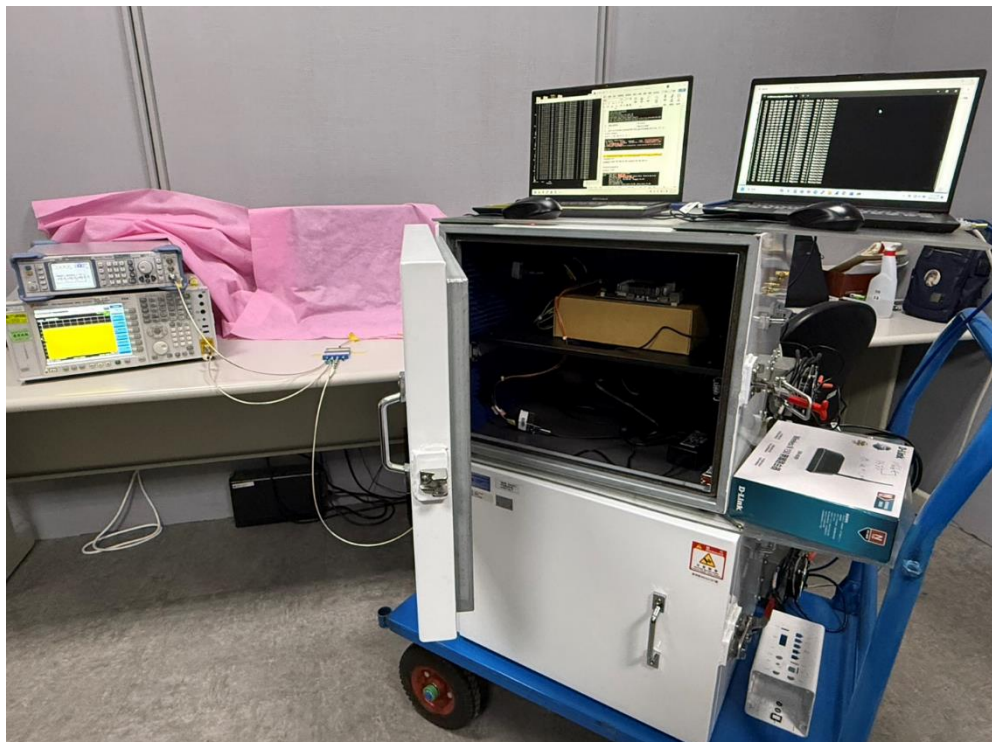
No modification was made during testing.

Attachment 1: Photographs of the Test Configuration

Spectrum Measurement



Carrier Sensing



--- END ---