FCC RADIO TEST REPORT

FCC ID	:	**UZ7TC101B**
Equipment	:	**Touch Computer**
Brand Name	:	**Zebra**
Model Name	:	**TC101B**
Applicant	:	**Zebra Technologies Corporation** **3 Overlook Point, Lincolnshire, IL 60069 USA**
Manufacturer	:	**Zebra Technologies Corporation** **3 Overlook Point, Lincolnshire, IL 60069 USA**
Standard	:	**FCC Part 15 Subpart E §15.407**

The product was received on Jan. 08, 2026 and testing was performed from Jan. 13, 2026 to Feb. 11, 2026. We, Sporton International Inc. Wensan Laboratory, would like to declare that the tested sample has been evaluated in accordance with the test procedures and has been in compliance with the applicable technical standards.

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

Louis Wu

Approved by: Louis Wu

Sporton International Inc. Wensan Laboratory

No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.)

Table of Contents

History of this test report **3**
Summary of Test Result **4**
1 General Description **5**
1.1 Product Feature of Equipment Under Test 5
1.2 Modification of EUT 9
1.3 Testing Location 9
1.4 Applicable Standards 9
2 Test Configuration of Equipment Under Test **10**
2.1 Carrier Frequency and Channel 10
2.2 Test Mode 11
2.3 Connection Diagram of Test System 12
2.4 Support Unit used in test configuration and system 14
2.5 EUT Operation Test Setup 14
2.6 Measurement Results Explanation Example 14
3 Test Result **15**
3.1 6dB and 26dB and 99% Occupied Bandwidth Measurement 15
3.2 Maximum Conducted Output Power Measurement 16
3.3 Power Spectral Density Measurement 17
3.4 Unwanted Emissions Measurement 19
3.5 AC Conducted Emission Measurement 24
3.6 Antenna Requirements 26
4 List of Measuring Equipment **27**
5 Measurement Uncertainty **29**
Appendix A. Conducted Test Results
Appendix B. AC Conducted Emission Test Result
Appendix C. Radiated Spurious Emission Test Result
Appendix D. Duty Cycle Plots
Appendix E. Setup Photographs

History of this test report

Report No.	Version	Description	Issue Date
FR5N2836F	01	Initial issue of report	Mar. 10, 2026
FR5N2836F	02	Revise Product Feature of Equipment Under Test This report is an updated version, replacing the report issued on Mar. 10, 2026.	Mar. 18, 2026

Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
3.1	15.403	6dB & 26dB Bandwidth	Pass	-
3.1	2.1049	99% Occupied Bandwidth	Pass	-
3.2	15.407(a)	Maximum Conducted Output Power	Pass	-
3.3	15.407(a)	Power Spectral Density	Pass	-
3.4	15.407(b)	Unwanted Emissions	Pass	1.62 dB under the limit at 5643.10 MHz
3.5	15.207	AC Conducted Emission	Pass	9.04 dB under the limit at 0.57 MHz
3.6	15.203	Antenna Requirement	Pass	-

Conformity Assessment Condition:

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

Disclaimer:

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

Reviewed by: Wei Chen

Report Producer: Vina Su

1 General Description

1.1 Product Feature of Equipment Under Test

Product Feature	
Equipment	Touch Computer
Brand Name	Zebra
Model Name	TC101B
FCC ID	UZ7TC101B
Sample 1	no Scan engine
Sample 2	no Scan engine (Data only)
Sample 3	Scan engine (SE4100)
Sample 4	Scan engine (SR560), White Illum, Red Laser
Sample 5	Scan engine (SR500), Red Illum, Yellow LED Aimer
EUT supports Radios application	GSM/WCDMA/HSPA/LTE/5G NR/NFC WLAN 11a/b/g/n HT20/HT40 WLAN 11ac VHT20/VHT40/VHT80/VHT160 WLAN 11ax HE20/HE40/HE80/HE160 Bluetooth BR/EDR/LE GNSS
SW Version	15-13-05.00-VG-U00-PRD-NEM-04
HW Version	EV
MFD	12NOV25
EUT Stage	Identical Prototype

Remark:

1. MIMO Ant. 6+7 Directional Gain is a calculated result from MIMO Ant. 6 and MIMO Ant. 7. The formula used in calculation is documented in section 1.1.1.
2. Power of MIMO Ant. 6 + Ant. 7 is a calculated result from sum of the power MIMO Ant. 6 and MIMO Ant. 7.
3. The EUT's information above is declared by manufacturer. Please refer to Disclaimer in report summary.

Specification of Accessories				
Adapter 1	**Brand Name**	Zebra	**Part Number**	PWR-WUA5V12W0US
Adapter 2	**Brand Name**	Zebra	**Part Number**	PWR-WUA5V45W1US
Battery 1 (1x)	**Brand Name**	Zebra	**Part Number**	BT-000473-0020
Battery 2 (1.5x)	**Brand Name**	Zebra	**Part Number**	BT-000473-0820
USB TYPE A to TYPE C Cable	**Brand Name**	Zebra	**Part Number**	CBL-TC5X-USBC2A-01
USB TYPE C to TYPE C Cable	**Brand Name**	Zebra	**Part Number**	CBL-TN28USBC2C-01
USB TYPE C to TYPE C Cable	**Brand Name**	Zebra	**Part Number**	CBL-EC5X-USBC3A-01
PTT Headset with USB-C connector	**Brand Name**	Zebra	**Part Number**	HDST-USBC-PTT1-01
PTT and VoIP headset with 3.5mm standard jack	**Brand Name**	Zebra	**Part Number**	HDST-35MM-PTVP-02
HS2100 rugged wired headset	**Brand Name**	Zebra	**Part Number**	HS2100-BTN-LSB
HS2100 standard cable	**Brand Name**	Zebra	**Part Number**	CBL-HS2100-3MS1-01
HS3100 rugged Bluetooth headset	**Brand Name**	Zebra	**Part Number**	HS3100-OTH
USB-C to 3.5mm adapter Cable	**Brand Name**	Zebra	**Part Number**	ADP-USBC-35MM1-01
Handstrap	**Brand Name**	Zebra	**Part Number**	SG-TC2L-HSTRP1-01
Trigger Handle	**Brand Name**	Zebra	**Part Number**	CRG-TC2L-SNP1-01
Arm Mounts	**Brand Name**	Zebra	**Part Number**	SG-TC2L-ARMNT-01
Soft Holster	**Brand Name**	Zebra	**Part Number**	SG-TC2L-HLSTR1-01
Rugged boot	**Brand Name**	Zebra	**Part Number**	SG-TCVT-BOOT-01

1.2 Product Specification of Equipment Under Test

Product Specification is subject to this standard	
Tx/Rx Frequency Range	5725 MHz ~ 5850 MHz
Maximum Output Power to Antenna	**MIMO<Ant. 6>** 802.11a: 19.90 dBm 802.11n HT20: 19.60 dBm 802.11n HT40: 19.80 dBm 802.11ac VHT20: 19.50 dBm 802.11ac VHT40: 19.80 dBm 802.11ac VHT80: 19.40 dBm 802.11ac VHT160: 18.90 dBm 802.11ax HE20: 19.70 dBm 802.11ax HE40: 19.90 dBm 802.11ax HE80: 19.50 dBm **MIMO<Ant. 7>** 802.11a: 19.70 dBm 802.11n HT20: 19.50 dBm 802.11n HT40: 19.40 dBm 802.11ac VHT20: 19.40 dBm 802.11ac VHT40: 19.30 dBm 802.11ac VHT80: 19.10 dBm 802.11ac VHT160: 18.90 dBm 802.11ax HE20: 19.60 dBm 802.11ax HE40: 19.50 dBm 802.11ax HE80: 19.20 dBm **MIMO<Ant. 7 + 6>** 802.11a: 22.76 dBm / 0.1888 W 802.11n HT20: 22.56 dBm / 0.1803 W 802.11n HT40: 22.61 dBm / 0.1824 W 802.11ac VHT20: 22.46 dBm / 0.1762 W 802.11ac VHT40: 22.57 dBm / 0.1807W 802.11ac VHT80: 22.26 dBm / 0.1683 W 802.11ac VHT160: 21.91 dBm / 0.1552 W 802.11ax HE20: 22.66 dBm / 0.1845 W 802.11ax HE40: 22.71 dBm / 0.1866 W 802.11ax HE80: 22.36 dBm / 0.1722 W
Antenna Type / Gain	**<Ant. 7>:** PIFA Antenna with gain 1.89 dBi **<Ant. 6>:** PIFA Antenna with gain 1.95 dBi
Type of Modulation	802.11b: DSSS (DBPSK/DQPSK/CCK) 802.11a/g/n: OFDM (BPSK/QPSK/16QAM/64QAM) 802.11ac: OFDM (BPSK/QPSK/16QAM/64QAM/256QAM) 802.11ax: OFDMA (BPSK/QPSK/16QAM/64QAM/256QAM/1024QAM)

1.2.1 Antenna Directional Gain

<For CDD Mode>

Follows FCC KDB 662911 D01 Multiple Transmitter Output v02r01 F)2)f)ii)

Directional gain = G_{ANT} + Array Gain, where Array Gain is as follows:

For power measurements on IEEE 802.11 devices,

Array Gain = 0 dB (i.e., no array gain) for $N_{ANT} \leq 4$.

G_{ANT} is set equal to the gain of the antenna having the highest gain.

For PSD measurements, the directional gain calculation.

Array Gain = 10 log(NANT/NSS) dB.

$$DirectionalGain = 10 \cdot \log\left[\frac{\sum_{j=1}^{N_{SS}}\left\{\sum_{k=1}^{N_{ANT}} g_{j,k}\right\}^2}{N_{ANT}}\right]$$

where

Each antenna is driven by no more than one spatial stream;

N_{SS} = the number of independent spatial streams of data;

N_{ANT} = the total number of antennas

$g_{j,k} = 10^{G_k/20}$ if the kth antenna is being fed by spatial stream j, or zero if it is not;

G_k is the gain in dBi of the kth antenna.

As minimum N_{SS}=1 is supported by EUT, the formula can be simplified as:

Directional gain = $10*\log[(10^{G1/20} + 10^{G2/20} + \ldots + 10^{GN/20})^2 / N_{ANT}]$ dBi

Where G1, G2….GN denote single antenna gain.

The directional gain "DG" is calculated as following table.

	Ant 6 (dBi)	Ant 7 (dBi)	DG for Power (dBi)	DG for PSD (dBi)	Power Limit Reduction (dB)	PSD Limit Reduction (dB)
Band IV	1.95	1.89	1.95	4.93	0.00	0.00

Calculation example:

If a device has two antenna, G_{ANT1}= 1.95dBi; G_{ANT2}=1.89dBi

Directional gain of power measurement = max(1.95, 1.89) + 0 = 1.95 dBi

Directional gain of PSD derived from formula which is

10 x log { { [10^ (1.89 dBi / 20) + 10^ (1.89 dBi / 20)] ^ 2 } / 2 }

= 4.93 dBi

Power and PSD limit reduction = Composite gain – 6dBi, (min = 0)

1.3 Modification of EUT

No modifications made to the EUT during the testing.

1.4 Testing Location

The test location is accredited based on TAF code 3786 designated by NCC (National Communication Commission).

Test Site	Sporton International Inc. Wensan Laboratory
Test Site Location	No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.)

FCC designation No.: TW3786

Note: The test site complies with ANSI C63.4 2014 requirement.

1.5 Applicable Standards

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

- FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.
- FCC KDB 414788 D01 Radiated Test Site v01r01.
- FCC KDB 662911 D01 Multiple Transmitter Output v02r01.
- FCC Part 15 Subpart E
- ANSI C63.10-2020 + Cor.1-2023

Remark:

1. All the test items were validated and recorded in accordance with the standards without any modification during the testing.
2. The TAF code is not including all the FCC KDB listed without accreditation.
3. This EUT has also been tested and complied with the requirements of FCC Part 15, Subpart B, recorded in a separate test report.

2 Test Configuration of Equipment Under Test

a. The EUT has been associated with peripherals and configuration operated in a manner tended to maximize its emission characteristics in a typical application. Frequency range investigated: conduction emission (150 kHz to 30 MHz), radiation emission (9 kHz to the 10th harmonic of the highest fundamental frequency or to 40 GHz, whichever is lower). For radiated measurement, the measured emission level of the EUT was maximized by rotating the EUT on a turntable, adjusting the orientation of the EUT and EUT antenna in three orthogonal axis (X: flat, Y: portrait, Z: landscape), and adjusting the measurement antenna orientation, following C63.10 exploratory test procedures and only the worst case emissions were reported in this report.

b. AC power line Conducted Emission was tested under maximum output power.

2.1 Carrier Frequency and Channel

Frequency Band	Channel	Freq. (MHz)	Channel	Freq. (MHz)
5725-5850 MHz Band 4 (U-NII-3)	149	5745	157	5785
	151*	5755	159*	5795
	153	5765	161	5805
	155#	5775	165	5825

Note:

1. The above Frequency and Channel with "*" are 802.11n HT40 and 802.11ac VHT40 and 802.11ax HE40.
2. The above Frequency and Channel with "#" are 802.11ac VHT80 and 802.11ax HE80.

2.2 Test Mode

This device support 26/52/106/242/484/996-tone RU but does not support 2x996-tone RU on 160MHz channel.

The PSD of partial RU is reduced to be smaller than full RU according to TCB workshop interim guidance Oct. 2018.

The 802.11ax mode is investigated among different tones, full resource units (RU), partial resource units. The partial RU has no higher power than full RU's, thus the full RU is chosen as main test configuration.

The 242-tone RU is covered by 20MHz channel, 484-tone RU is covered by 40MHz channel and 996-tone RU is covered by 80MHz channel.

The SISO mode conducted power is covered by MIMO mode per chain, so only the MIMO mode is tested.

The power for 802.11n and 802.11ac mode is smaller than 802.11ax mode, so all other conducted and radiated test is covered by 802.11ax mode.

The final test modes include the worst data rates for each modulation shown in the table below.

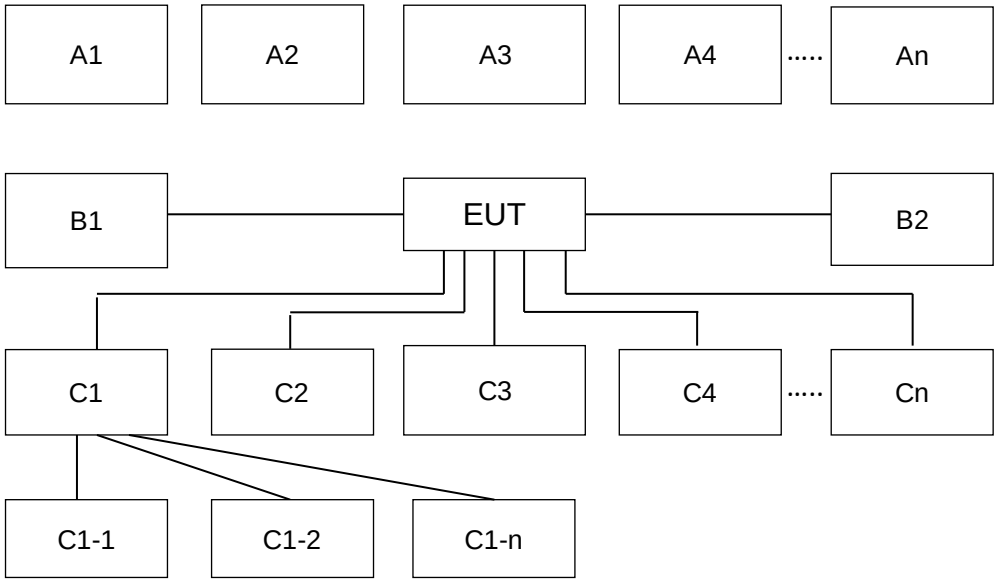
MIMO Mode

Modulation	Data Rate
802.11a	6 Mbps
802.11n HT20 (Covered by HE20)	MCS0
802.11n HT40 (Covered by HE40)	MCS0
802.11ac VHT20 (Covered by HE20)	MCS0
802.11ac VHT40 (Covered by HE40)	MCS0
802.11ac VHT80	MCS0
802.11ax HE20	MCS0
802.11ax HE40	MCS0
802.11ax HE80	MCS0

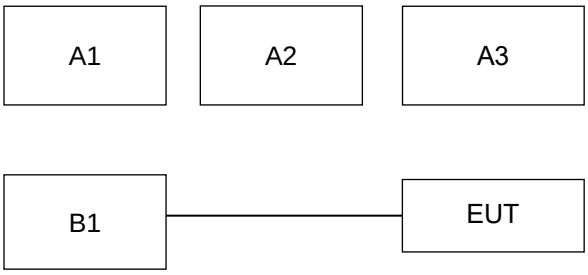
Remark: The conducted power level of each chain in MIMO mode is equal or higher than SISO mode.

Test Cases	
AC Conducted Emission	Mode 1: WLAN 5G Link + BT LInk + AC Adapter + Rear camera + USB TYPE-C to TYPE-C cable with AC Adapter + Battery 2 Extended (5200 mAh)

2.3 Connection Diagram of Test System



Radiation TX Test Setup					
No.	Power Source	Connection Type	Test Mode		
			1-65	126-129	133-144
B1	AC : 120V/60Hz	AC Power Cable	X	X	X
No.	Setup Peripherals	Connection Type	1-65	126-129	133-144
C1	Adapter	USB Cable to C	X	X	X



Conduction Test Setup									
No.	Wireless Station	Connection Type	Test Mode						
			1	–	–	–	–	–	–
A1	BT headset	Bluetooth	X	–	–	–	–	–	–
A2	AP router	WiFi	X	–	–	–	–	–	–
A3	Notebook	WiFi	X	–	–	–	–	–	–
No.	Power Source	Connection Type	1	–	–	–	–	–	–
B1	AC : 120V/60Hz	AC Power Cable	X	–	–	–	–	–	–
No.	Setup Peripherals	Connection Type	1	–	–	–	–	–	–
–	–	–	–	–	–	–	–	–	–

2.4 Support Unit used in test configuration and system

Item	Equipment	Brand Name	Model Name	FCC ID	Data Cable	Power Cord
1.	BT headse	Zebra	HS3100	N/A	N/A	N/A
2.	WLAN AP	Netgear	RAXE500	N/A	N/A	Unshielded,1.8m
3.	Notebook	Dell	Latitude 3400	FCC DoC	N/A	AC I/P： Unshielded, 1.2m DC O/P： Shielded, 1.8m
4.	Notebook	Dell	Latitude5310	N/A	N/A	Unshielded,1.8m

Remark: Applicant has ensured support unit would not be attached with the product on the market, support unit is provided by lab for testing.

2.5 EUT Operation Test Setup

The RF test items, utility "QRCT v4.1 Version 4.0.181.1" was installed in Notebook which was programmed in order to make the EUT get into the engineering modes to provide channel selection, power level, data rate and the application type and for continuous transmitting signals.

2.6 Measurement Results Explanation Example

For all conducted test items:

The offset level is set in the spectrum analyzer to compensate the RF cable loss and attenuator factor between EUT conducted output port and spectrum analyzer. With the offset compensation, the spectrum analyzer reading level is exactly the EUT RF output level.

Example :

The spectrum analyzer offset is derived from RF cable loss and attenuator factor.

Offset = RF cable loss + attenuator factor.

Following shows an offset computation example with cable loss 4.2 dB and 10 dB attenuator.

Offset(dB) = RF cable loss(dB) + attenuator factor(dB).

= 4.2 + 10 = 14.2 (dB)

3 Test Result

3.1 6dB and 26dB and 99% Occupied Bandwidth Measurement

3.1.1 Description of 6dB and 26dB and 99% Occupied Bandwidth

The minimum 6 dB bandwidth shall be at least 500 kHz.

26dB and 99% Occupied bandwidth are reporting only.

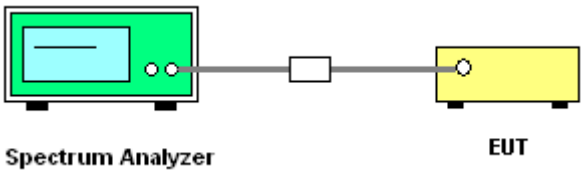
3.1.2 Measuring Instruments

Please refer to the measuring equipment list in this test report.

3.1.3 Test Procedures

1. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01. Section C) Emission bandwidth for the band 5.725-5.85 GHz
2. Set RBW = 100 kHz.
3. Set the VBW ≥ 3 x RBW.
4. Detector = Peak.
5. Trace mode = max hold
6. Measure the maximum width of the emission that is 6 dB down from the peak of the emission.
7. Measure and record the results in the test report.

3.1.4 Test Setup



3.1.5 Test Result of 6dB and 26dB and 99% Occupied Bandwidth

Please refer to Appendix A.

3.2 Maximum Conducted Output Power Measurement

3.2.1 Limit of Maximum Conducted Output Power

For the band 5.725–5.85 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W.

If transmitting antennas of directional gain greater than 6 dBi are used, the peak output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

3.2.2 Measuring Instruments

Please refer to the measuring equipment list in this test report.

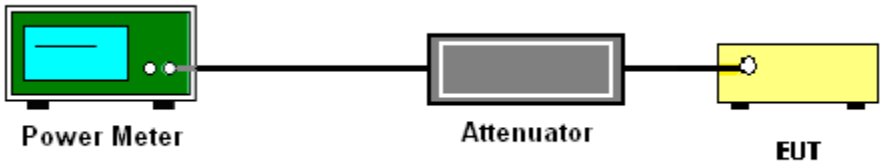
3.2.3 Test Procedures

The testing follows Method PM-G of FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.

Method PM-G (Measurement using a gated RF average power meter):

1. Measurement is performed using a wideband RF power meter.
2. The EUT is configured to transmit at its maximum power control level.
3. Measure the average power of the transmitter.
4. Since the measurement is made only during the ON time of the transmitter, no duty cycle correction factor is required.
5. For MIMO mode, calculation method follows FCC KDB 662911 D01 Multiple Transmitter Output v02r01

3.2.4 Test Setup



3.2.5 Test Result of Maximum Conducted Output Power

Please refer to Appendix A.

3.3 Power Spectral Density Measurement

3.3.1 Limit of Power Spectral Density

For the band 5.725–5.85 GHz, the maximum power spectral density shall not exceed 30 dBm in any 500-kHz band.

If transmitting antennas of directional gain greater than 6 dBi are used, the peak output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

3.3.2 Measuring Instruments

Please refer to the measuring equipment list in this test report.

3.3.3 Test Procedures

The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.
Section F) Maximum power spectral density.

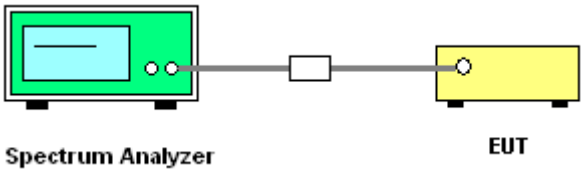
 # Method SA-2 #

(trace averaging across on and off times of the EUT transmissions, followed by duty cycle correction).

- Measure the duty cycle.
- Set span to encompass the entire emission bandwidth (EBW) of the signal.
- Set RBW = 500kHz.
- Set VBW ≥ 1 MHz.
- Number of points in sweep ≥ 2 Span / RBW.
- Sweep time = auto.
- Detector = RMS
- Trace average at least 100 traces in power averaging mode.
- Add 10 log(1/x), where x is the duty cycle, to the measured power in order to compute the average power during the actual transmission times. For example, add 10 log(1/0.25) = 6 dB if the duty cycle is 25 percent.

1. The RF output of EUT is connected to the spectrum analyzer by a low loss cable.
2. Each plot has already offset with cable loss, and attenuator loss. Measure the PPSD and record it.
3. For MIMO mode, calculation method follows FCC KDB 662911 D01 Multiple Transmitter Output v02r01.
   Method (c): Measure and add 10 log(N_{ANT}) dB.
   With this technique, spectrum measurements are performed at each output of the device, but rather than summing the spectra or the spectral peaks across the outputs, the quantity 10 log(N_{ANT}) dB is added to each spectrum value before comparing to the emission limit. The addition of 10 log(N_{ANT}) dB serves to apportion the emission limit among the N_{ANT} outputs so that each output is permitted to contribute no more than $1/N_{ANT}$ th of the PSD limit.

3.3.4 Test Setup



3.3.5 Test Result of Power Spectral Density

Please refer to Appendix A.

3.4 Unwanted Emissions Measurement

This section is to measure unwanted emissions through radiated measurement for band edge spurious emissions and out of band emissions measurement.

3.4.1 Limit of Unwanted Emissions

(1) For transmitters operating in the 5.725-5.85 GHz band:

15.407(b)(4)(i) All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

(2) Unwanted spurious emissions falls in restricted bands shall comply with the general field strength limits as below table,

Frequency (MHz)	Field Strength (microvolts/meter)	Measurement Distance (meters)
0.009 – 0.490	2400/F(kHz)	300
0.490 – 1.705	24000/F(kHz)	30
1.705 – 30.0	30	30
30 – 88	100	3
88 – 216	150	3
216 - 960	200	3
Above 960	500	3

Note: The following formula is used to convert the EIRP to field strength.

$$E=\frac{1000000\sqrt{30P}}{3}$$ μV/m, where P is the eirp (Watts)

EIRP (dBm)	Field Strength at 3m (dBμV/m)
- 27	68.3

3.4.2 Measuring Instruments

Please refer to the measuring equipment list in this test report.

3.4.3 Test Procedures

1. The testing follows FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01. Section G) Unwanted emissions measurement.

   (1) Procedure for Unwanted Emissions Measurements Below 1000 MHz

   - RBW = 120 kHz
   - VBW = 300 kHz
   - Detector = Peak
   - Trace mode = max hold

   (2) Procedure for Peak Unwanted Emissions Measurements Above 1000 MHz

   - RBW = 1 MHz
   - VBW ≥ 3 MHz
   - Detector = Peak
   - Sweep time = auto
   - Trace mode = max hold

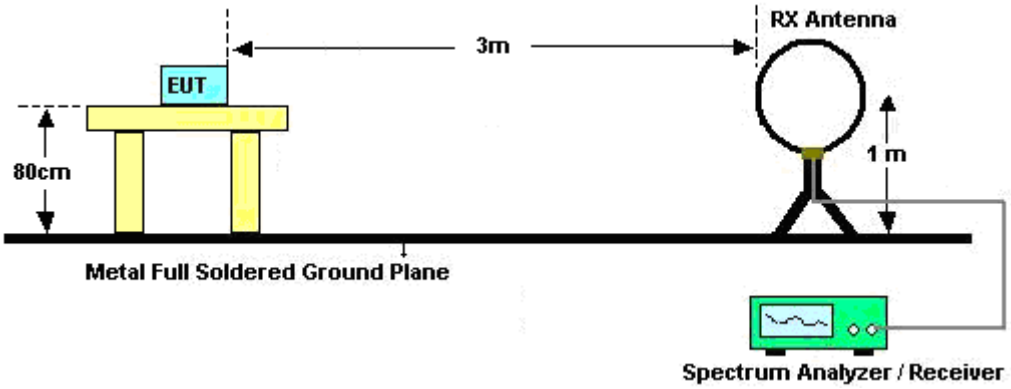
   (3) Procedures for Average Unwanted Emissions Measurements Above 1000 MHz

   - RBW = 1 MHz
   - VBW = 10 Hz, when duty cycle is no less than 98 percent.
   - VBW ≥ 1/T, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.
2. The EUT is placed on a turntable with 0.8 meter for frequency below 1 GHz and 1.5 meter for frequency above 1 GHz respectively above ground.
3. The EUT is set 3 meters away from the receiving antenna which is mounted on the top of a variable height antenna tower.
4. The antenna is a broadband antenna and its height is adjusted between one meter and four meters above ground to find the maximum value of the field strength for both horizontal polarization and vertical polarization of the antenna.
5. For each suspected emission, the EUT is arranged to its worst case and then adjust the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading.

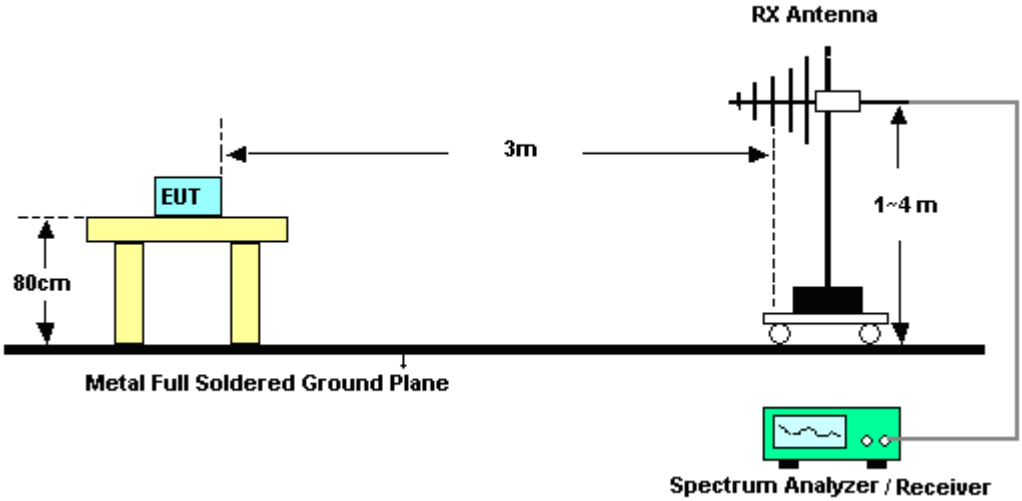
6. Radiated testing below 1 GHz is performed by adjusting the antenna tower from 1 m to 4 m and by rotating the turn table from 0 degree to 360 degrees to find the peak maximum hold reading. When there is no suspected emission found and the emission level is with at least 6 dB margin against QP limit line, the position is marked as "-".
7. Radiated testing above 1 GHz is performed by adjusting the antenna tower from 1 m to 4 m and by rotating the turn table from 0 degree to 360 degrees to find the peak maximum hold reading for scanning all frequencies.
   When there is no suspected emission found and the harmonic emission level is with at least 6 dB margin against average limit line, the position is marked as "-".

3.4.4 Test Setup

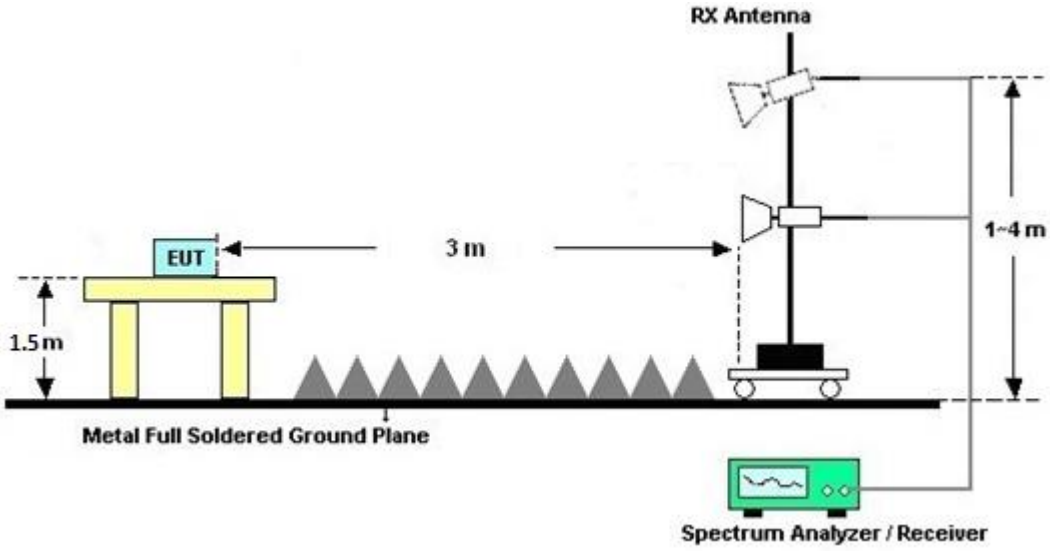
For radiated emissions below 30MHz



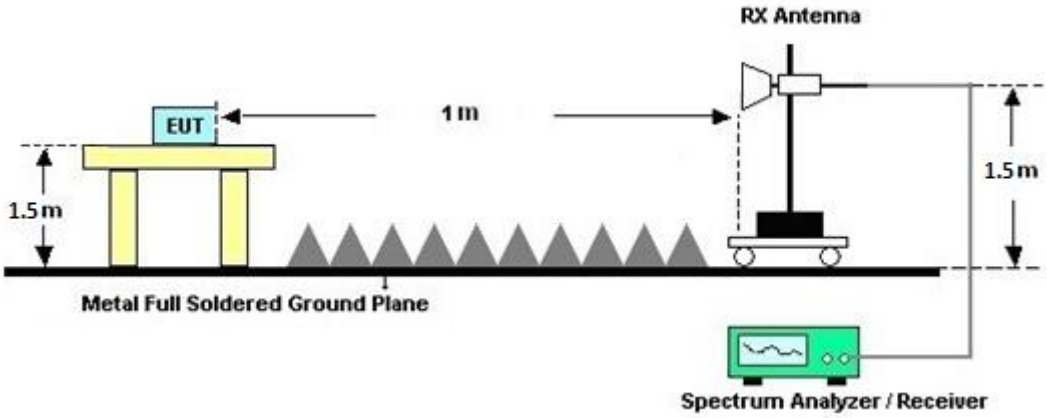
For radiated emissions from 30MHz to 1GHz



For radiated test from 1GHz to 18GHz



For radiated test above 18GHz



3.4.5 Test Results of Radiated Emissions (9 kHz ~ 30 MHz)

The low frequency, which starts from 9 kHz to 30 MHz, is pre-scanned and the result which is 20 dB lower than the limit line is not reported.

There is adequate comparison measurement of both open-field test site and alternative test site - semi-Anechoic chamber according to 414788 D01 Radiated Test Site **v01r01**, and the result came out very similar.

3.4.6 Test Result of Radiated Band Edges

Please refer to Appendix C.

3.4.7 Duty Cycle

Please refer to Appendix D.

3.4.8 Test Result of Unwanted Radiated Emission (30MHz ~ 10th Harmonic)

Please refer to Appendix C.

3.5 AC Conducted Emission Measurement

3.5.1 Limit of AC Conducted Emission

For equipment that is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies within the band 150 kHz to 30 MHz shall not exceed the limits in the following table.

Frequency of emission (MHz)	Conducted limit (dBμV)	
	Quasi-peak	Average
0.15-0.5	66 to 56*	56 to 46*
0.5-5	56	46
5-30	60	50

*Decreases with the logarithm of the frequency.

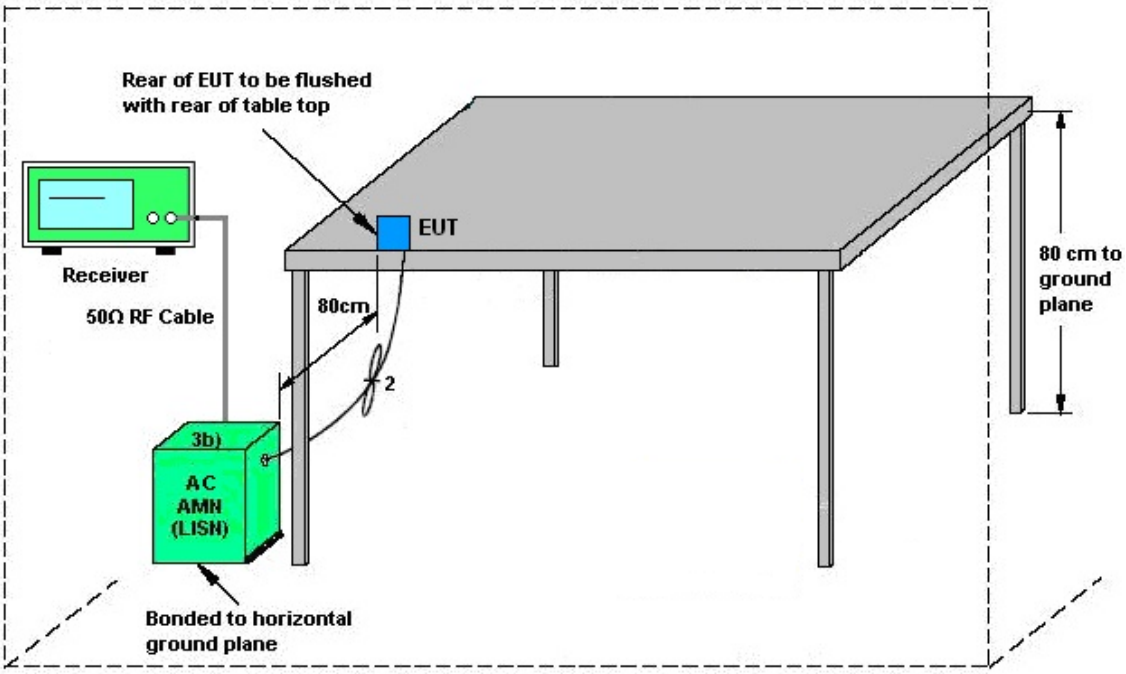
3.5.2 Measuring Instruments

Please refer to the measuring equipment list in this test report.

3.5.3 Test Procedures

1. The EUT is placed 0.4 meter away from the conducting wall of the shielding room, and is kept at least 80 centimeters from any other grounded conducting surface.
2. Connect EUT to the power mains through a line impedance stabilization network (LISN).
3. All the support units are connecting to the other LISN.
4. The LISN provides 50 ohm coupling impedance for the measuring instrument.
5. The FCC states that a 50 ohm, 50 microhenry LISN shall be used.
6. Both Line and Neutral shall be tested in order to find out the maximum conducted emission.
7. The frequency range from 150 kHz to 30 MHz is scanned.
8. Set the test-receiver system to Peak Detect Function and specified bandwidth with Maximum Hold Mode.

3.5.4 Test Setup



AMN = Artificial mains network (LISN)
AE = Associated equipment
EUT = Equipment under test
ISN = Impedance stabilization network

3.5.5 Test Result of AC Conducted Emission

Please refer to Appendix B.

3.6 Antenna Requirements

3.6.1 Standard Applicable

An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited. This requirement does not apply to carrier current devices or to devices operated under the provisions of § 15.211, 15.213, 15.217, 15.219, 15.221, or § 15.236. Further, this requirement does not apply to intentional radiators that must be professionally installed, such as perimeter protection systems and some field disturbance sensors, or to other intentional radiators which, in accordance with § 15.31(d), must be measured at the installation site. However, the installer shall be responsible for ensuring that the proper antenna is employed so that the limits in this part are not exceeded.

3.6.2 Antenna Anti-Replacement Construction

Antenna permanently attached.

4 List of Measuring Equipment

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Hygrometer	TECPEL	DTM-303A	TP201996	N/A	Nov. 04, 2025	Jan.13, 2026~ Feb.11, 2026	Nov. 03, 2026	Conducted (TH05-HY)
Power Sensor	DARE	RPR3006W	17I00015SNO37 (NO:167)	10MHz~6GHz	Nov. 14, 2025	Jan.13, 2026~ Feb.11, 2026	Nov. 13, 2026	Conducted (TH05-HY)
Signal Analyzer	Rohde & Schwarz	FSV40	101566	10Hz~40GHz	Aug. 29, 2025	Jan.13, 2026~ Feb.11, 2026	Aug. 28, 2026	Conducted (TH05-HY)
Switch Control Mainframe	E-Instument	ETF-1405-0	EC1900067 (BOX7)	N/A	Jul. 02, 2025	Jan.13, 2026~ Feb.11, 2026	Jul. 01, 2026	Conducted (TH05-HY)
Software	Sporton	BTWIFI_Final_version_240513	N/A	Conducted Other Test Item	N/A	Jan.13, 2026~ Feb.11, 2026	N/A	Conducted (TH05-HY)
AC Power Source	ACPOWER	AFC-11003G	F317040033	N/A	N/A	Jan. 20, 2026	N/A	Conduction (CO07-HY)
Software	Rohde & Schwarz	EMC32 V10.30	N/A	N/A	N/A	Jan. 20, 2026	N/A	Conduction (CO07-HY)
Pulse Limiter	SCHWARZBECK	VTSD 9561-F N	9561-F N00373	9kHz-200MHz	Oct. 20, 2025	Jan. 20, 2026	Oct. 19, 2026	Conduction (CO07-HY)
RF Cable	HUBER + SUHNER	RG 214/U	1358175	9kHz~30MHz	Mar. 3, 2025	Jan. 20, 2026	Mar. 2, 2026	Conduction (CO07-HY)
Two-Line V-Network	TESEQ	NNB 51	45051	N/A	Mar. 24, 2025	Jan. 20, 2026	Mar. 23, 2026	Conduction (CO07-HY)
EMI Test Receiver	Rohde & Schwarz	ESR3	102317	9kHz~3.6GHz	Oct. 21, 2025	Jan. 20, 2026	Oct. 20, 2026	Conduction (CO07-HY)

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
EMI Test Receiver	Keysight	N9038A(MXE)	MY54130085	N/A	Oct. 16, 2025	Jan. 17, 2026 ~ Feb. 11, 2026	Oct. 15, 2026	Radiation (03CH20-HY)
Loop Antenna	Rohde & Schwarz	HFH2-Z2E	101108	9 kHz~30 MHz	Dec. 11, 2025	Jan. 17, 2026 ~ Feb. 11, 2026	Dec. 10, 2026	Radiation (03CH20-HY)
Preamplifier	EMEC	EM18G40G	060801	18GHz~40GHz	May. 26, 2025	Jan. 17, 2026 ~ Feb. 11, 2026	May. 25, 2026	Radiation (03CH20-HY)
Controller	ChainTek	3000-1	N/A	Control Turn table & Ant Mast	N/A	Jan. 17, 2026 ~ Feb. 11, 2026	N/A	Radiation (03CH20-HY)
Antenna Mast	ChainTek	MBS-520-1	N/A	1m~4m	N/A	Jan. 17, 2026 ~ Feb. 11, 2026	N/A	Radiation (03CH20-HY)
Turn Table	ChainTek	T-200-S-1	N/A	0~360 Degree	N/A	Jan. 17, 2026 ~ Feb. 11, 2026	N/A	Radiation (03CH20-HY)
Signal Analyzer	Keysight	N9010B	MY60240520	10Hz~44GHz	Dec. 10, 2025	Jan. 17, 2026 ~ Feb. 11, 2026	Dec. 09, 2026	Radiation (03CH20-HY)
Bilog Antenna	TESEQ	CBL 6111D & 00802N1D01N -06	47020 & 06	30MHz~1GHz	Oct. 04, 2025	Jan. 17, 2026 ~ Feb. 11, 2026	Oct. 03, 2026	Radiation (03CH20-HY)
Horn Antenna	SCHWARZBE CK	BBHA 9120 D	02360	1GHz-18GHz	Nov. 05, 2025	Jan. 17, 2026 ~ Feb. 11, 2026	Nov. 04, 2026	Radiation (03CH20-HY)
SHF-EHF Horn Antenna	SCHWARZBE CK	BBHA 9170	1224	18GHz-40GHz	Jul. 02, 2025	Jan. 17, 2026 ~ Feb. 11, 2026	Jul. 01, 2026	Radiation (03CH20-HY)
Preamplifier	COM-POWER	PAM-103	18020201	1MHz-1000MHz	Dec. 30, 2025	Jan. 17, 2026 ~ Feb. 11, 2026	Dec. 29, 2026	Radiation (03CH20-HY)
Amplifier	EMCI	EMC118A45S E	980792	N/A	Nov. 11, 2025	Jan. 17, 2026 ~ Feb. 11, 2026	Nov. 10, 2026	Radiation (03CH20-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	519229/2,804 015/2,804027 /2	N/A	Jan. 15, 2026	Jan. 17, 2026 ~ Feb. 11, 2026	Jan. 14, 2027	Radiation (03CH20-HY)
Hygrometer	TECPEL	DTM-303A	TP211382	N/A	Mar. 31, 2025	Jan. 17, 2026 ~ Feb. 11, 2026	Mar. 30, 2026	Radiation (03CH20-HY)
Software	Audix	N/A	RK-002156	N/A	N/A	Jan. 17, 2026 ~ Feb. 11, 2026	N/A	Radiation (03CH20-HY)

5 Measurement Uncertainty

Uncertainty of Conducted Emission Measurement (150kHz ~ 30MHz)

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	3.7 dB

Uncertainty of Radiated Emission Measurement (30 MHz ~ 1000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	6.5 dB

Uncertainty of Radiated Emission Measurement (1000 MHz ~ 6000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	4.7 dB

Uncertainty of Radiated Emission Measurement (6000 MHz ~ 18000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	5.7 dB

Uncertainty of Radiated Emission Measurement (18000 MHz ~ 40000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	5.2 dB

Appendix A. Test Result of Conducted Test Items

Test Engineer:	Junyu Jhou	Temperature:	21~25	°C
Test Date:	2026/1/13~2026/2/11	Relative Humidity:	51~54	%

TEST RESULTS DATA
6dB and 26dB EBW and 99% OBW

U-NII-3 MIMO												
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	99% Bandwidth (MHz)		26dB Bandwidth (MHz)		6 dB Bandwidth (MHz)		6 dB Bandwidth Min. Limit (MHz)	Pass/Fail
					Ant 6	Ant 7	Ant 6	Ant 7	Ant 6	Ant 7		
11a	6Mbps	2	149	5745	16.68	16.65	20.38	20.26	16.34	16.36	0.5	Pass
11a	6Mbps	2	157	5785	16.68	16.65	20.41	19.80	16.39	16.36	0.5	Pass
11a	6Mbps	2	165	5825	16.68	16.65	20.62	20.40	16.36	16.47	0.5	Pass

Report Number : FR5N2836F

TEST RESULTS DATA
Average Power Table

U-NII-3 MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		Pass/Fail
					Ant 6	Ant 7	SUM	Ant 6	Ant 7	Ant 6	Ant 7	
11a	6Mbps	2	149	5745	19.70	19.70	22.71	30.00		1.99		Pass
11a	6Mbps	2	157	5785	19.90	19.50	22.71	30.00		1.99		Pass
11a	6Mbps	2	165	5825	19.80	19.70	22.76	30.00		1.99		Pass
HT20	MCS0	2	149	5745	19.60	19.50	22.56	30.00		1.99		Pass
HT20	MCS0	2	157	5785	19.60	19.20	22.41	30.00		1.99		Pass
HT20	MCS0	2	165	5825	19.50	19.30	22.41	30.00		1.99		Pass
HT40	MCS0	2	151	5755	19.80	19.40	22.61	30.00		1.99		Pass
HT40	MCS0	2	159	5795	19.70	19.10	22.42	30.00		1.99		Pass
VHT20	MCS0	2	149	5745	19.50	19.40	22.46	30.00		1.99		Pass
VHT20	MCS0	2	157	5785	19.50	19.10	22.31	30.00		1.99		Pass
VHT20	MCS0	2	165	5825	19.40	19.20	22.31	30.00		1.99		Pass
VHT40	MCS0	2	151	5755	19.80	19.30	22.57	30.00		1.99		Pass
VHT40	MCS0	2	159	5795	19.70	19.00	22.37	30.00		1.99		Pass
VHT80	MCS0	2	155	5775	19.40	19.10	22.26	30.00		1.99		Pass
VHT160	MCS0	2	163	5815	18.90	18.90	21.91	30.00		1.99		Pass

Report Number : FR5N2836F

TEST RESULTS DATA
Power Spectral Density

U-NII-3 MIMO															
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	Duty Factor (dB)		Average Power Density with Duty Factor (dBm/500kHz)			Average PSD Limit (dBm/500kHz)		DG (dBi)		Pass /Fail
					Ant 6	Ant 7	Ant 6	Ant 7	SUM	Ant 6	Ant 7	Ant 6	Ant 7	
11a	6Mbps	2	149	5745	0.04	0.04	4.45	4.68	7.69	30.00		4.95		Pass
11a	6Mbps	2	157	5785	0.04	0.04	4.55	4.71	7.72	30.00		4.95		Pass
11a	6Mbps	2	165	5825	0.04	0.04	4.60	4.82	7.83	30.00		4.95		Pass

Note: PSD Sum = Max PSD(Ant. 1, Ant. 2) + 10 log (n)

TEST RESULTS DATA
6dB and 26dB EBW and 99% OBW

U-NII-3 MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	99% Bandwidth (MHz)		26dB Bandwidth (MHz)		6 dB Bandwidth (MHz)		6 dB Bandwidth Min. Limit (MHz)	Pass/Fail
						Ant 6	Ant 7	Ant 6	Ant 7	Ant 6	Ant 7		
HE20	MCS0	2	149	5745	Full	19.06	19.08	21.69	21.70	18.89	18.93	0.5	Pass
HE20	MCS0	2	157	5785	Full	19.05	19.07	21.96	21.98	18.87	18.89	0.5	Pass
HE20	MCS0	2	165	5825	Full	19.07	19.05	21.94	22.13	18.92	18.83	0.5	Pass
HE40	MCS0	2	151	5755	Full	38.01	37.95	41.63	44.51	37.83	37.23	0.5	Pass
HE40	MCS0	2	159	5795	Full	37.96	37.90	41.47	41.81	37.30	37.94	0.5	Pass
HE80	MCS0	2	155	5775	Full	77.46	77.51	84.77	85.54	77.17	77.44	0.5	Pass

Report Number : FR5N2836F

TEST RESULTS DATA
Average Power Table

U-NII-3 MIMO													
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Average Conducted Power (dBm)			FCC Conducted Power Limit (dBm)		DG (dBi)		Pass/Fail
						Ant 6	Ant 7	SUM	Ant 6	Ant 7	Ant 6	Ant 7	
HE20	MCS0	2	149	5745	Full	19.70	19.60	22.66	30.00		1.99		Pass
HE20	MCS0	2	149	5745	26/0	8.70	9.00	11.86	30.00		1.99		Pass
HE20	MCS0	2	149	5745	52/37	12.70	12.80	15.76	30.00		1.99		Pass
HE20	MCS0	2	149	5745	106/53	15.70	15.80	18.76	30.00		1.99		Pass
HE20	MCS0	2	157	5785	Full	19.70	19.30	22.51	30.00		1.99		Pass
HE20	MCS0	2	157	5785	26/4	10.20	9.90	13.06	30.00		1.99		Pass
HE20	MCS0	2	157	5785	52/38	12.50	12.50	15.51	30.00		1.99		Pass
HE20	MCS0	2	157	5785	106/53	15.90	15.70	18.81	30.00		1.99		Pass
HE20	MCS0	2	165	5825	Full	19.60	19.50	22.56	30.00		1.99		Pass
HE20	MCS0	2	165	5825	26/8	8.30	8.70	11.51	30.00		1.99		Pass
HE20	MCS0	2	165	5825	52/40	12.70	12.60	15.66	30.00		1.99		Pass
HE20	MCS0	2	165	5825	106/54	15.70	15.30	18.51	30.00		1.99		Pass
HE40	MCS0	2	151	5755	Full	19.90	19.50	22.71	30.00		1.99		Pass
HE40	MCS0	2	151	5755	242/61	16.70	16.60	19.66	30.00		1.99		Pass
HE40	MCS0	2	159	5795	Full	19.80	19.20	22.52	30.00		1.99		Pass
HE40	MCS0	2	159	5795	242/62	16.80	16.80	19.81	30.00		1.99		Pass
HE80	MCS0	2	155	5775	Full	19.50	19.20	22.36	30.00		1.99		Pass
HE80	MCS0	2	155	5775	484/65	16.60	16.30	19.46	30.00		1.99		Pass
HE80	MCS0	2	155	5775	484/66	16.60	16.60	19.61	30.00		1.99		Pass

TEST RESULTS DATA
Power Spectral Density

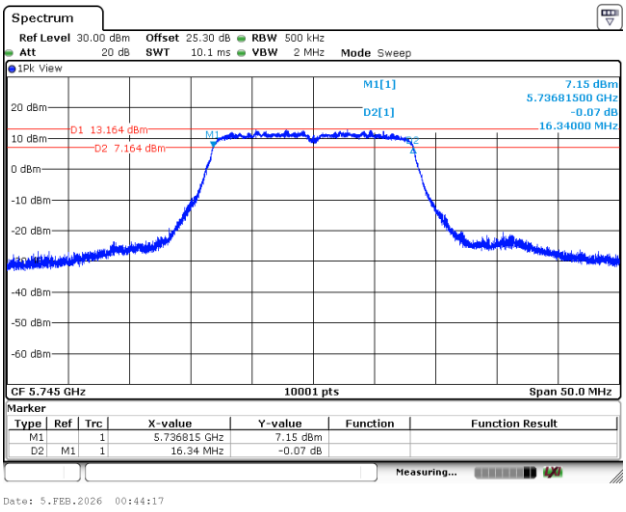
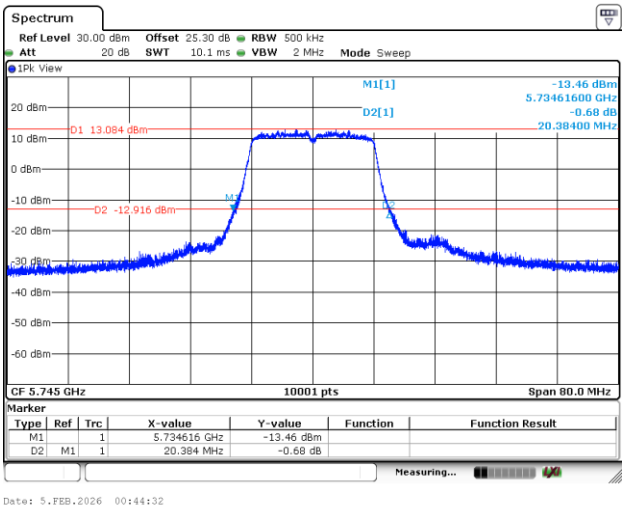
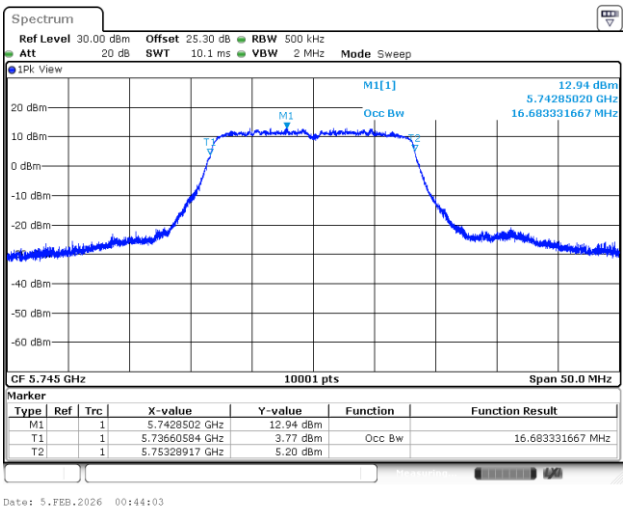
U-NII-3 MIMO															
Mod.	Data Rate	NTX	CH.	Freq. (MHz)	RU Config.	Duty Factor (dB)		Average Power Density with Duty Factor (dBm/500kHz)			Average PSD Limit (dBm/500kHz)		DG (dBi)		Pass /Fail
						Ant 6	Ant 7	Ant 6	Ant 7	SUM	Ant 6	Ant 7	Ant 6	Ant 7	
HE20	MCS0	2	149	5745	Full	0.02	0.00	3.70	3.94	6.95	30.00		4.95		Pass
HE20	MCS0	2	149	5745	26/0	0.02	0.02	2.70	2.80	5.81	30.00		4.95		Pass
HE20	MCS0	2	149	5745	52/37	0.02	0.02	3.59	3.52	6.60	30.00		4.95		Pass
HE20	MCS0	2	149	5745	106/53	0.02	0.01	3.34	3.46	6.47	30.00		4.95		Pass
HE20	MCS0	2	157	5785	Full	0.02	0.00	3.87	4.00	7.01	30.00		4.95		Pass
HE20	MCS0	2	157	5785	26/4	0.02	0.02	3.72	3.74	6.75	30.00		4.95		Pass
HE20	MCS0	2	157	5785	52/38	0.02	0.02	3.44	3.31	6.45	30.00		4.95		Pass
HE20	MCS0	2	157	5785	106/53	0.02	0.01	3.52	3.27	6.53	30.00		4.95		Pass
HE20	MCS0	2	165	5825	Full	0.02	0.00	3.99	4.12	7.13	30.00		4.95		Pass
HE20	MCS0	2	165	5825	26/8	0.02	0.02	2.63	2.98	5.99	30.00		4.95		Pass
HE20	MCS0	2	165	5825	52/40	0.02	0.02	3.75	3.55	6.76	30.00		4.95		Pass
HE20	MCS0	2	165	5825	106/54	0.02	0.01	3.54	3.20	6.55	30.00		4.95		Pass
HE40	MCS0	2	151	5755	Full	0.02	0.02	1.22	1.08	4.23	30.00		4.95		Pass
HE40	MCS0	2	151	5755	242/61	0.01	0.02	0.49	0.66	3.67	30.00		4.95		Pass
HE40	MCS0	2	159	5795	Full	0.02	0.02	1.42	0.98	4.43	30.00		4.95		Pass
HE40	MCS0	2	159	5795	242/62	0.01	0.02	0.84	1.01	4.02	30.00		4.95		Pass
HE80	MCS0	2	155	5775	Full	0.03	0.03	-1.97	-2.15	1.04	30.00		4.95		Pass
HE80	MCS0	2	155	5775	484/65	0.03	0.03	-2.21	-2.43	0.80	30.00		4.95		Pass
HE80	MCS0	2	155	5775	484/66	0.03	0.03	-2.04	-2.11	0.97	30.00		4.95		Pass

Note: PSD Sum = Max PSD(Ant. 1, Ant. 2) + 10 log (n)

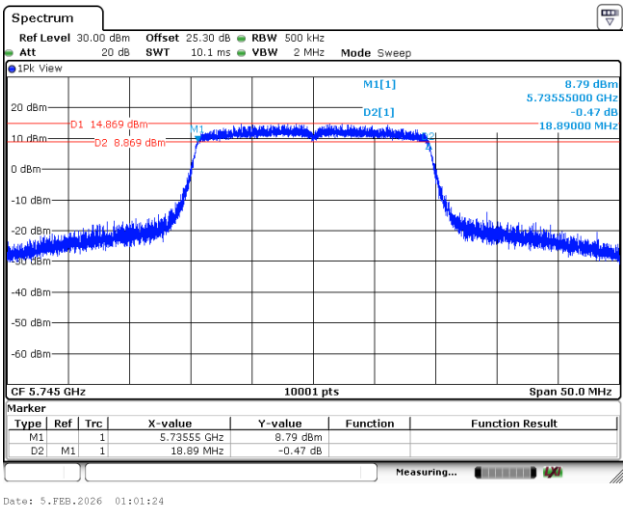
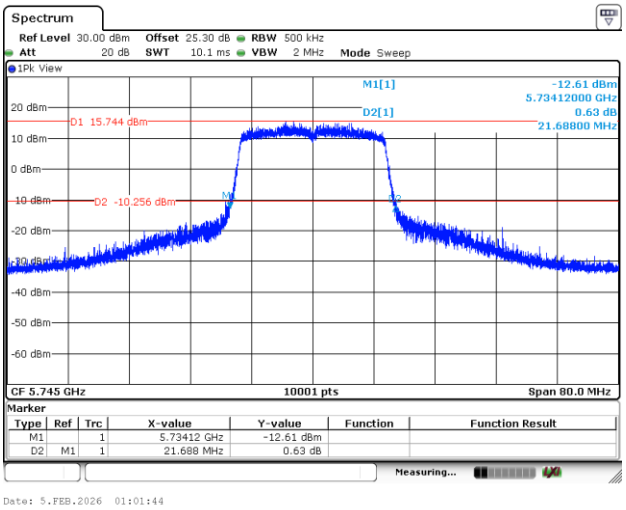
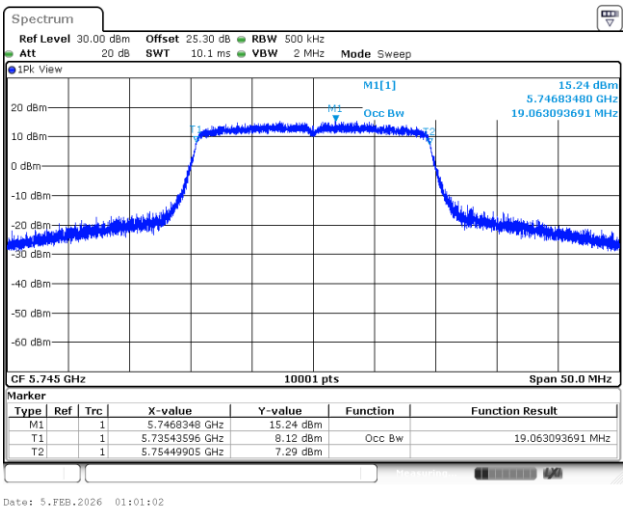
Test Result of 6dB and 26dB and 99% Occupied Bandwidth

MIMO <Ant. 6+7>

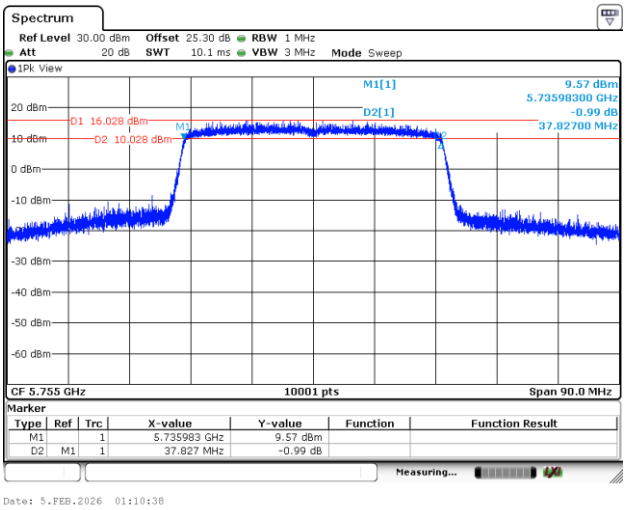
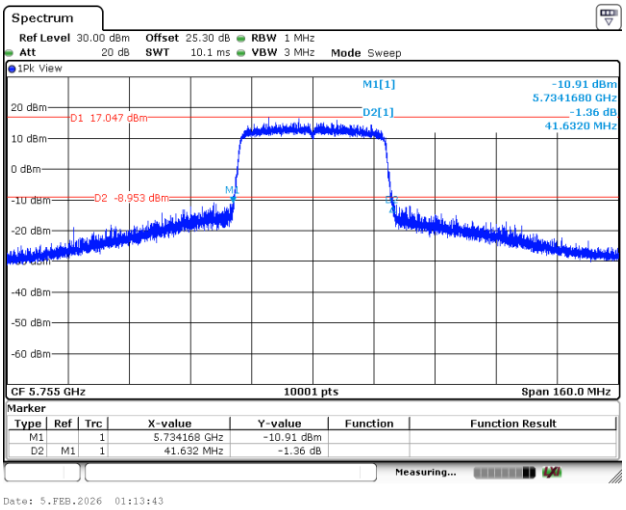
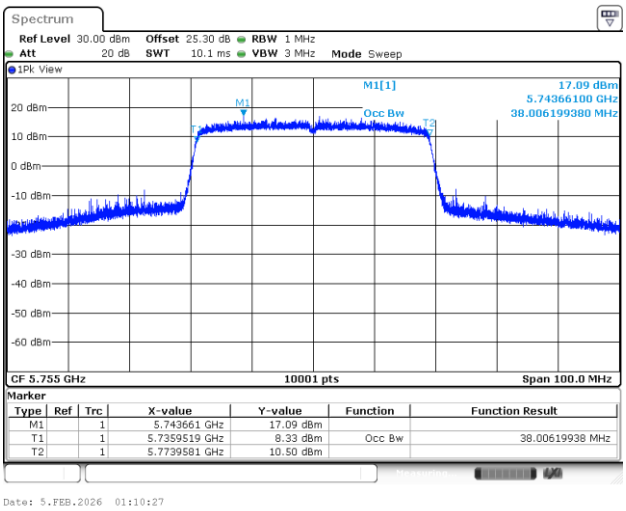
<802.11a>

6dB Bandwidth	26dB Bandwidth
	
99% Occupied Bandwidth	**N/A**
	

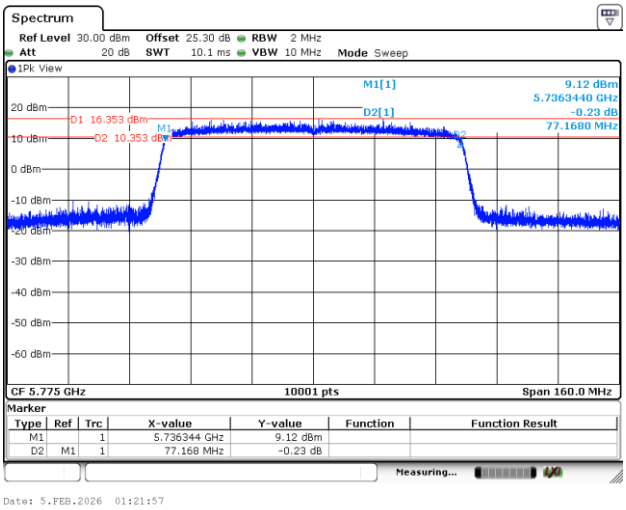
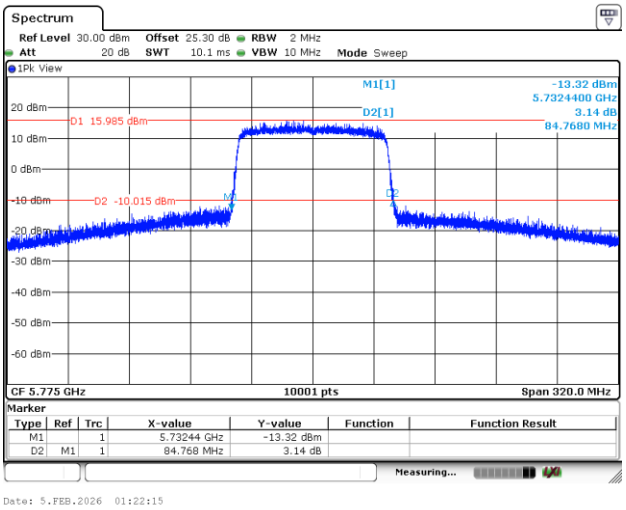
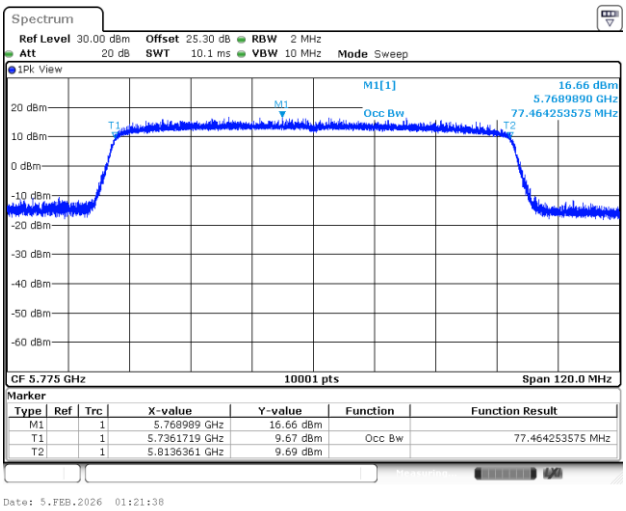
<802.11ax HE20>

6dB Bandwidth	26dB Bandwidth
	
99% Occupied Bandwidth	**N/A**
	

<802.11ax HE40>

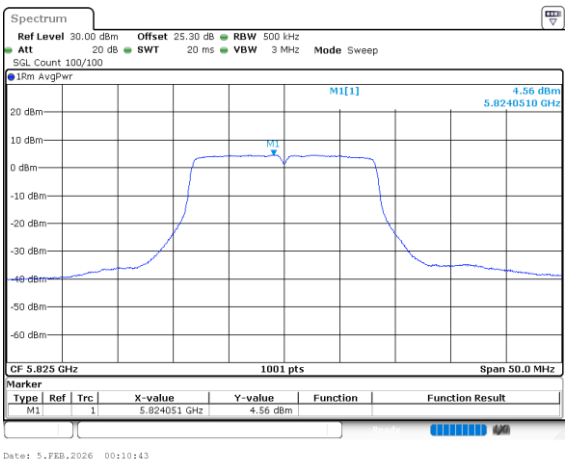
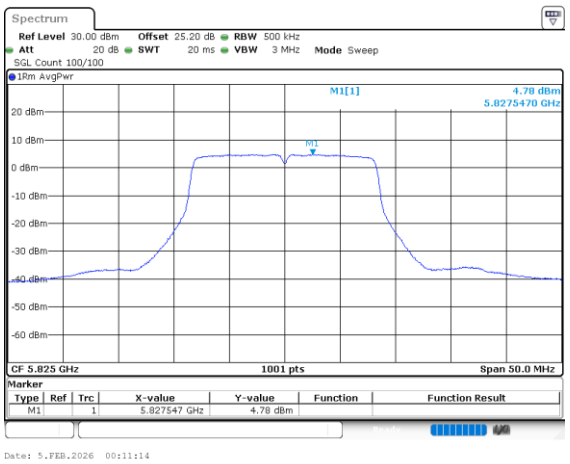
6dB Bandwidth	26dB Bandwidth
	
99% Occupied Bandwidth	**N/A**
	

<802.11ax HE80>

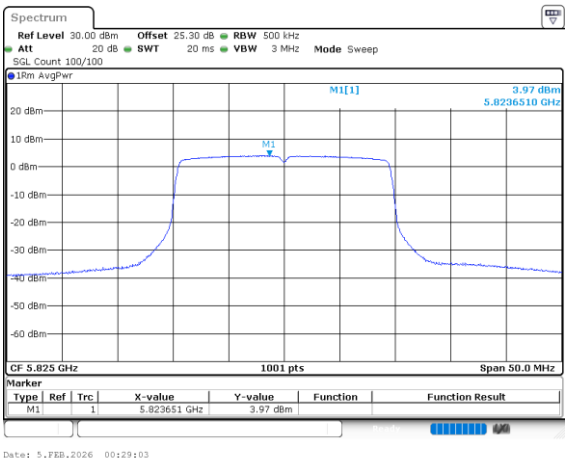
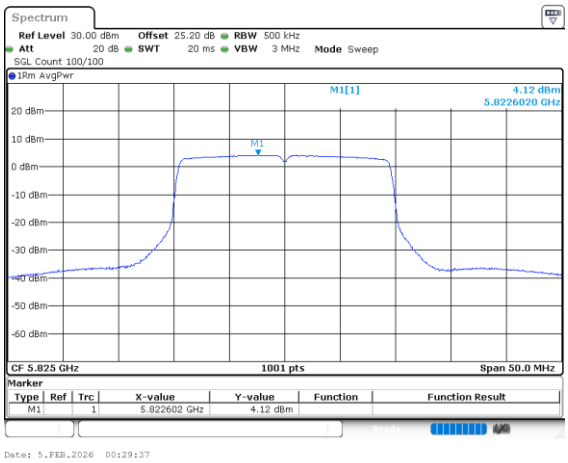
6dB Bandwidth	26dB Bandwidth
	
99% Occupied Bandwidth	**N/A**
	

Test Result of Power Spectral Density

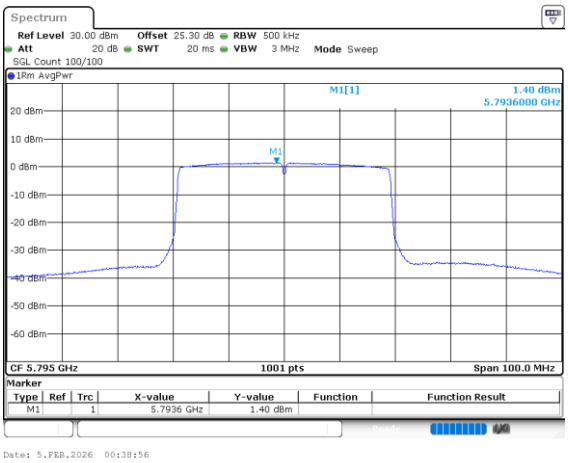
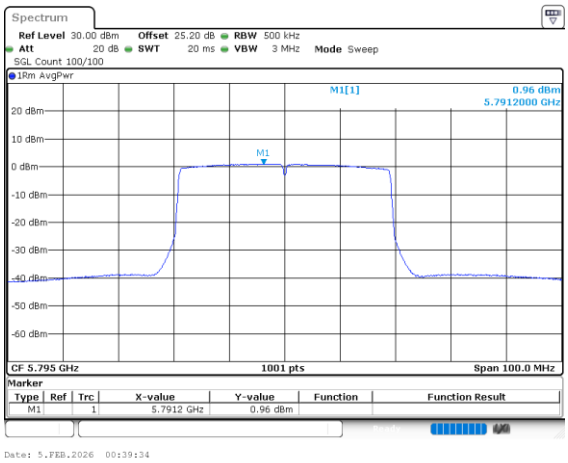
<802.11a>

Maximum Power Density Plot (dBm/500kHz)	
Ant. 6	**Ant. 7**
	

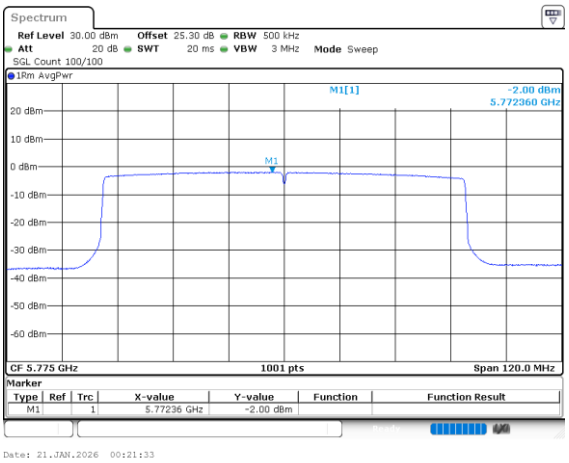
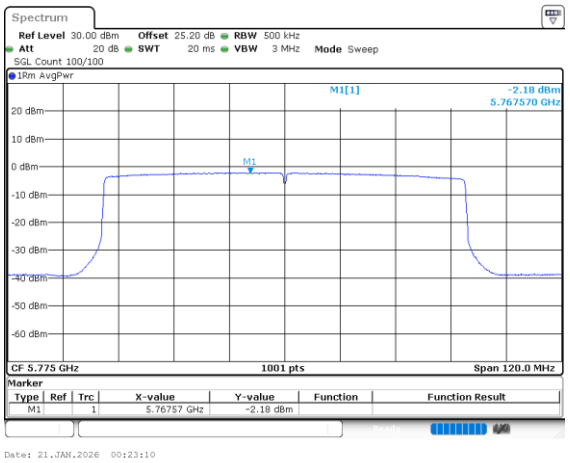
<802.11ax HE20>

Maximum Power Density Plot (dBm/500kHz)	
Ant. 6	**Ant. 7**
	

<802.11ax HE40>

Maximum Power Density Plot (dBm/500kHz)	
Ant. 6	**Ant. 7**
	

<802.11ax HE80>

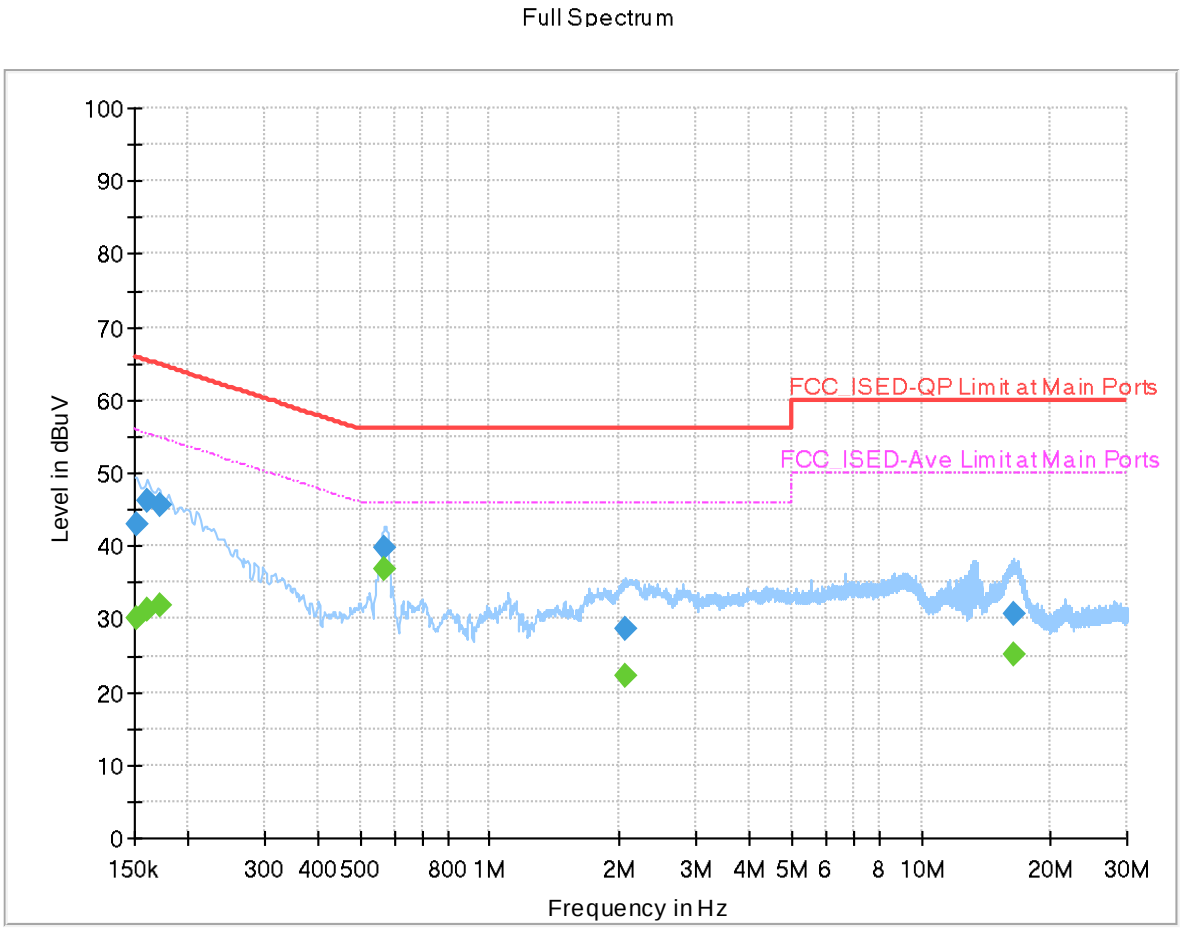
Maximum Power Density Plot (dBm/500kHz)	
Ant. 6	**Ant. 7**
	

Appendix B. AC Conducted Emission Test Results

Test Engineer :	Brian Chen	**Temperature :**	23~26℃
		Relative Humidity :	45~55%

EUT Information

Report NO :	5N2836
Test Mode :	Mode 1
Test Voltage :	120Vac/60Hz
Phase :	Line

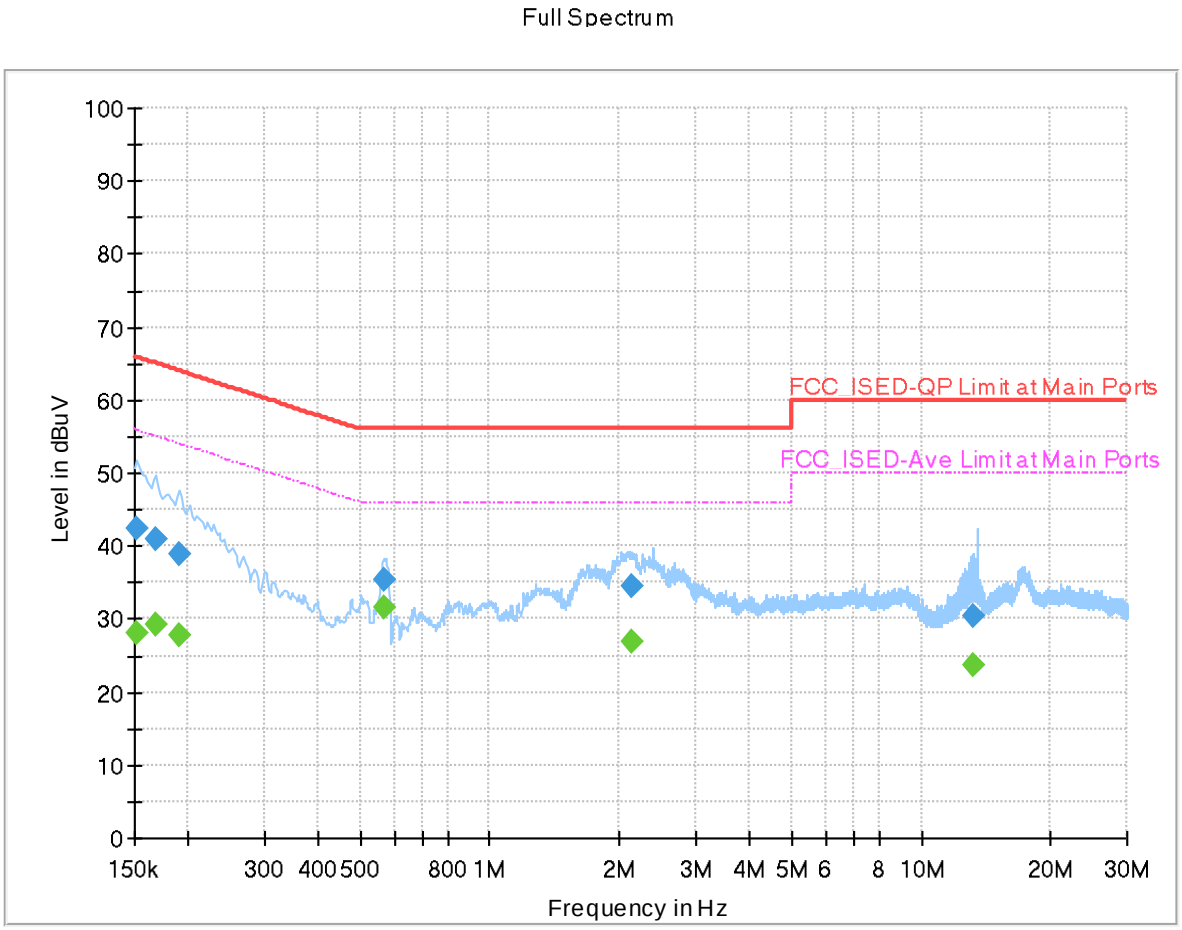


Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.152250	---	30.07	55.88	25.81	L1	ON	20.1
0.152250	43.07	---	65.88	22.81	L1	ON	20.1
0.161250	---	31.30	55.40	24.10	L1	ON	20.1
0.161250	46.26	---	65.40	19.14	L1	ON	20.1
0.172500	---	31.85	54.84	22.99	L1	ON	20.1
0.172500	45.50	---	64.84	19.34	L1	ON	20.1
0.570750	---	36.96	46.00	9.04	L1	ON	20.0
0.570750	39.63	---	56.00	16.37	L1	ON	20.0
2.071500	---	22.19	46.00	23.81	L1	ON	20.0
2.071500	28.68	---	56.00	27.32	L1	ON	20.0
16.415250	---	25.09	50.00	24.91	L1	ON	20.7
16.415250	30.57	---	60.00	29.43	L1	ON	20.7

EUT Information

Report NO :	5N2836
Test Mode :	Mode 1
Test Voltage :	120Vac/60Hz
Phase :	Neutral



Final_Result

Frequency (MHz)	QuasiPeak (dBuV)	CAverage (dBuV)	Limit (dBuV)	Margin (dB)	Line	Filter	Corr. (dB)
0.152250	---	28.00	55.88	27.88	N	ON	20.1
0.152250	42.51	---	65.88	23.37	N	ON	20.1
0.168000	---	29.14	55.06	25.92	N	ON	20.1
0.168000	41.03	---	65.06	24.03	N	ON	20.1
0.190500	---	27.84	54.02	26.18	N	ON	20.1
0.190500	38.90	---	64.02	25.12	N	ON	20.1
0.566250	---	31.59	46.00	14.41	N	ON	20.0
0.566250	35.40	---	56.00	20.60	N	ON	20.0
2.141250	---	26.83	46.00	19.17	N	ON	20.0
2.141250	34.50	---	56.00	21.50	N	ON	20.0
13.177500	---	23.59	50.00	26.41	N	ON	20.6
13.177500	30.30	---	60.00	29.70	N	ON	20.6

Appendix C. Radiated Spurious Emission Test Data

Test Engineer :	John Chuang、David Dai、Sam Chou	**Temperature :**	17.3~20.6°C
		Relative Humidity :	64.2~70.8%

Note symbol

-L	**Low channel location**
-R	**High channel location**

C1.Radiated Spurious Emission Test Modes

Mode	Band	Band (GHz)	Antenna	Modulation	Channel	Frequency	Data Rate	RU	Remark
Mode 51	U-NII-3	5.725-5.85	6+7	802.11a	149	5745	6Mbps	-	-
Mode 52	U-NII-3	5.725-5.85	6+7	802.11a	157	5785	6Mbps	-	-
Mode 53	U-NII-3	5.725-5.85	6+7	802.11a	165	5825	6Mbps	-	-
Mode 54	U-NII-3	5.725-5.85	6+7	802.11ax HE20	149	5745	MCS0	Full RU	-
Mode 55	U-NII-3	5.725-5.85	6+7	802.11ax HE20	149	5745	MCS0	Partial_106/53RU	-
Mode 56	U-NII-3	5.725-5.85	6+7	802.11ax HE20	157	5785	MCS0	Full RU	-
Mode 57	U-NII-3	5.725-5.85	6+7	802.11ax HE20	165	5825	MCS0	Full RU	-
Mode 58	U-NII-3	5.725-5.85	6+7	802.11ax HE20	165	5825	MCS0	Partial_106/54RU	-
Mode 59	U-NII-3	5.725-5.85	6+7	802.11ax HE40	151	5755	MCS0	Full RU	-
Mode 60	U-NII-3	5.725-5.85	6+7	802.11ax HE40	151	5755	MCS0	Partial_242/61RU	-
Mode 61	U-NII-3	5.725-5.85	6+7	802.11ax HE40	159	5795	MCS0	Full RU	-

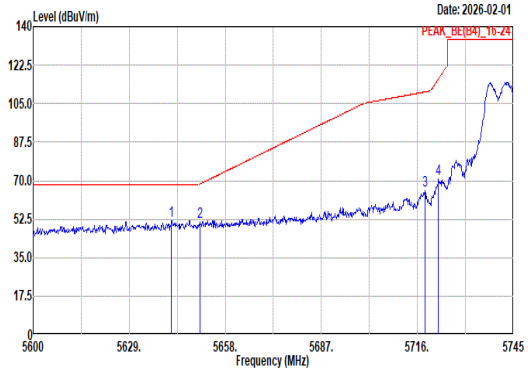
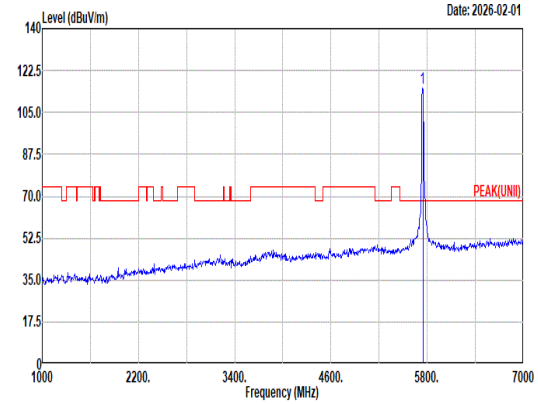
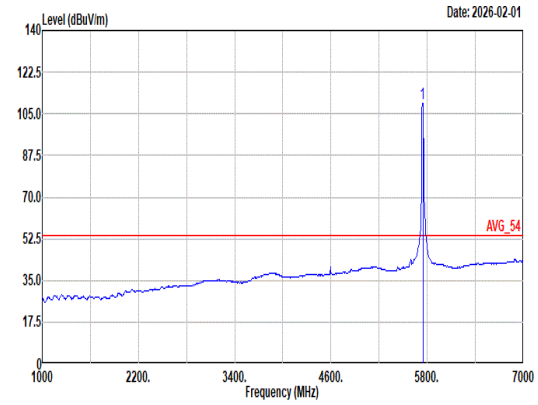
Mode	Band	Band (GHz)	Antenna	Modulation	Channel	Frequency	Data Rate	RU	Remark
Mode 62	U-NII-3	5.725-5.85	6+7	802.11ax HE40	159	5795	MCS0	Partial_242/62RU	-
Mode 63	U-NII-3	5.725-5.85	6+7	802.11ax HE80	155	5775	MCS0	Full RU	-
Mode 64	U-NII-3	5.725-5.85	6+7	802.11ax HE80	155	5775	MCS0	Partial_484/65RU	-
Mode 65	U-NII-3	5.725-5.85	6+7	802.11ax HE80	155	5775	MCS0	Partial_484/66RU	-
Mode 135	U-NII-3	5.725-5.85	6+7	802.11ax HE40	159	5795	MCS0	Partial_242/62RU	LF
Mode 136	U-NII-3	5.725-5.85	6+7	802.11ax HE40	159	5795	MCS0	Partial_242/62RU	SHF

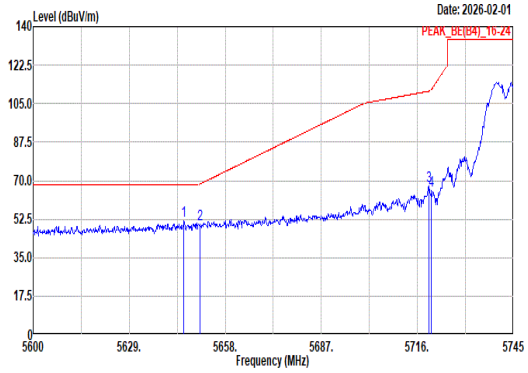
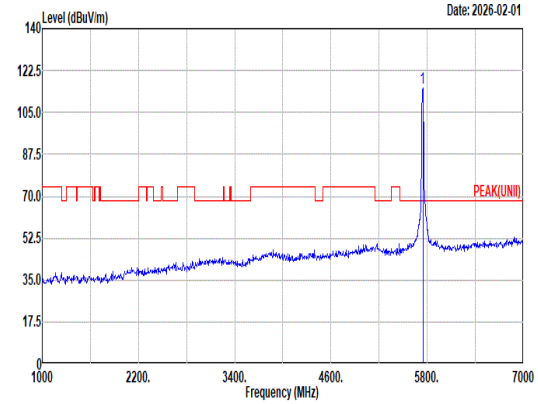
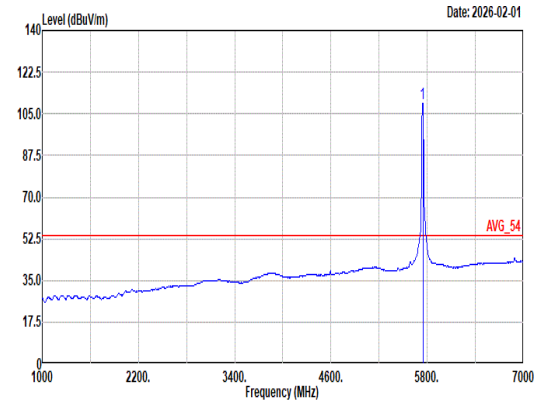
C2.Summary of each worse mode

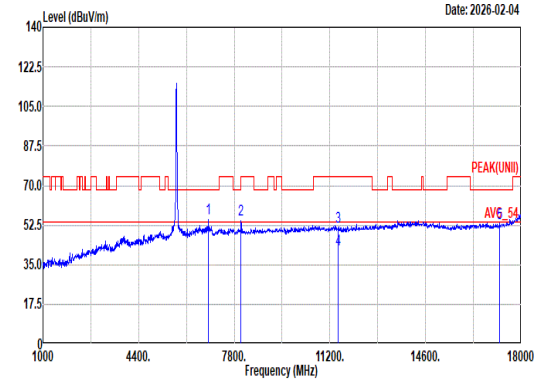
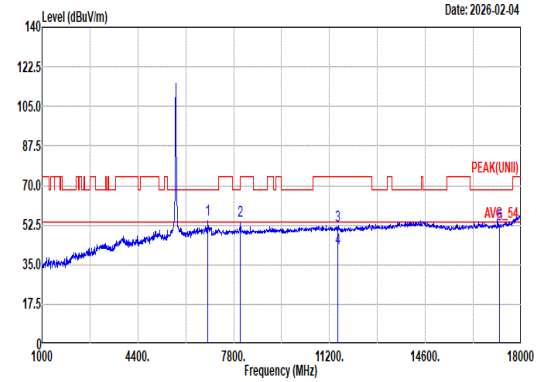
Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	RU	Remark
51	802.11a	149	5641.76	51.79	68.20	-16.41	H	Peak	Pass	-	Band Edge
	802.11a	149	11490.00	42.16	54.00	-11.84	V	Avg.	Pass	-	Harmonic
52	802.11a	157	5624.05	50.34	68.20	-17.86	H	Peak	Pass	-	Band Edge
	802.11a	157	8099.00	46.59	54.00	-7.41	H	Avg.	Pass	-	Harmonic
53	802.11a	165	5930.13	50.79	68.20	-17.41	H	Peak	Pass	-	Band Edge
	802.11a	165	11650.00	41.05	54.00	-12.95	V	Avg.	Pass	-	Harmonic
54	802.11ax HE20	149	5624.51	51.74	68.20	-16.46	V	Peak	Pass	Full RU	Band Edge
	802.11ax HE20	149	8043.00	50.01	54.00	-3.99	H	Avg.	Pass	Full RU	Harmonic
55	802.11ax HE20	149	5641.62	65.89	68.20	-2.31	H	Peak	Pass	Partial_106/53RU	Band Edge
	802.11ax HE20	149	-	-	-	-	-	-	-	Partial_106/53RU	Harmonic
56	802.11ax HE20	157	5633.86	51.22	68.20	-16.98	H	Peak	Pass	Full RU	Band Edge

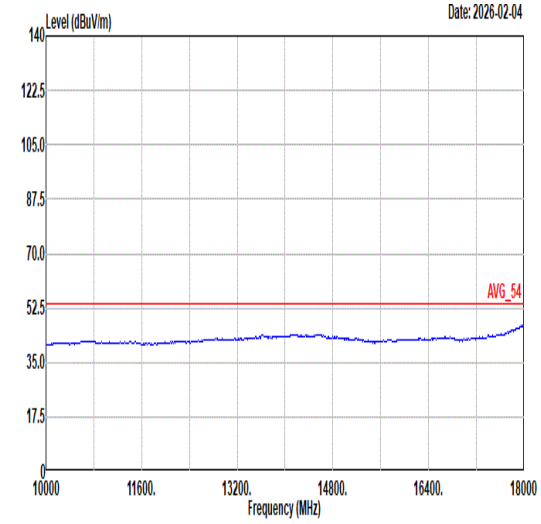
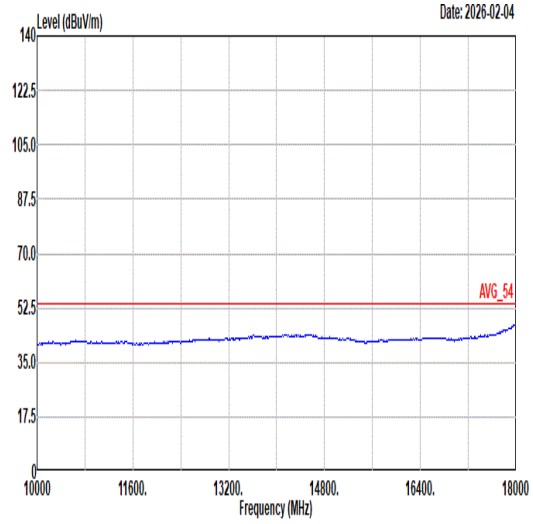
Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	RU	Remark
56	802.11ax HE20	157	8100.00	49.81	54.00	-4.19	H	Avg.	Pass	Full RU	Harmonic
57	802.11ax HE20	165	5928.38	52.24	68.20	-15.96	V	Peak	Pass	Full RU	Band Edge
	802.11ax HE20	165	11650.00	41.28	54.00	-12.72	H	Avg.	Pass	Full RU	Harmonic
58	802.11ax HE20	165	5929.63	57.22	68.20	-10.98	H	Peak	Pass	Partial_106/54RU	Band Edge
	802.11ax HE20	165	-	-	-	-	-	-	-	Partial_106/54RU	Harmonic
59	802.11ax HE40	151	5642.32	63.80	68.20	-4.40	H	Peak	Pass	Full RU	Band Edge
	802.11ax HE40	151	8057.00	46.71	54.00	-7.29	H	Avg.	Pass	Full RU	Harmonic
60	802.11ax HE40	151	5652.08	65.01	69.75	-4.74	H	Peak	Pass	Partial_242/61RU	Band Edge
	802.11ax HE40	151	-	-	-	-	-	-	-	Partial_242/61RU	Harmonic
61	802.11ax HE40	159	5925.36	59.86	68.20	-8.34	H	Peak	Pass	Full RU	Band Edge
	802.11ax HE40	159	8113.00	47.12	54.00	-6.88	H	Avg.	Pass	Full RU	Harmonic

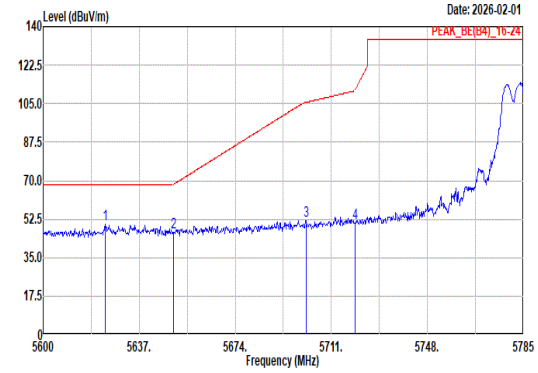
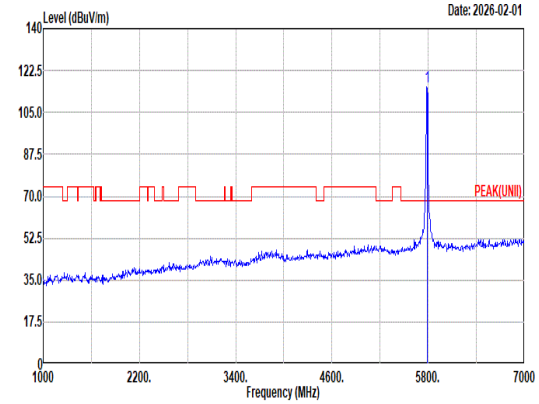
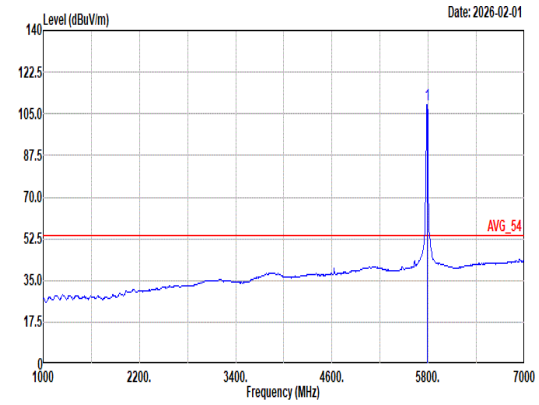
Mode	Modulation	Ch.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Pol.	Peak Avg.	Result	RU	Remark
62	802.11ax HE40	159	5643.10	66.58	68.20	-1.62	H	Peak	Pass	Partial_242/62RU	Band Edge
	802.11ax HE40	159	-	-	-	-	-	-	-	Partial_242/62RU	Harmonic
63	802.11ax HE80	155	5649.70	61.71	68.20	-6.49	H	Peak	Pass	Full RU	Band Edge
	802.11ax HE80	155	8085.00	44.62	54.00	-9.38	H	Avg.	Pass	Full RU	Harmonic
64	802.11ax HE80	155	5650.23	63.75	68.37	-4.62	V	Peak	Pass	Partial_484/65RU	Band Edge
	802.11ax HE80	155	-	-	-	-	-	-	-	Partial_484/65RU	Harmonic
65	802.11ax HE80	155	5653.38	62.05	70.71	-8.66	H	Peak	Pass	Partial_484/66RU	Band Edge
	802.11ax HE80	155	-	-	-	-	-	-	-	Partial_484/66RU	Harmonic
135	LF	159	51.34	33.04	40.00	-6.96	V	Peak	Pass	-	LF
136	SHF	159	39483.00	44.48	54.00	-9.52	H	Avg.	Pass	-	SHF

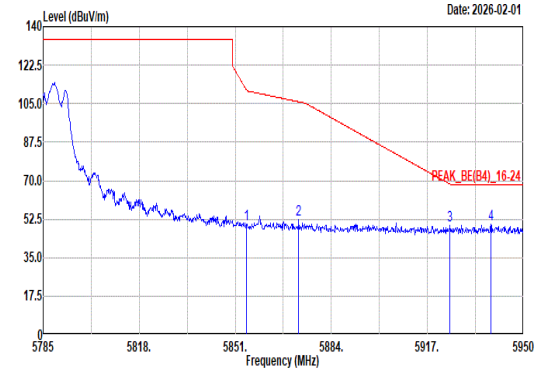
Mode	51	
	Band Edge	
	U-NII-3_5.725-5.85_802.11a_CH149_5745MHz	
ANT	6+7	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition: PEAK_BE(B4)_16-24 3m HF_9120D_02360_251105 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5641.76 51.79 68.20 -16.41 43.08 33.07 13.43 37.79 0.00 319 349 Peak 2 5650.46 51.41 68.54 -17.13 42.65 33.10 13.45 37.79 0.00 319 349 Peak 3 5718.32 65.66 110.33 -44.67 56.25 33.67 13.53 37.79 0.00 319 349 Peak 4 5722.38 70.53 116.23 -45.70 61.09 33.69 13.54 37.79 0.00 319 349 Peak	 Site : 03CH20-HY Condition: PEAK(UNII) 3m HF_9120D_02360_251105 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5745.00 115.07 ------ ------ 105.54 33.76 13.56 37.79 0.00 319 349 Peak
Avg	Blank	 Site : 03CH20-HY Condition: AVG_54 3m HF_9120D_02360_251105 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5745.00 109.25 ------ ------ 99.69 33.78 13.57 37.79 0.00 319 349 Average

Mode	51	
	Band Edge	
	U-NII-3_5.725-5.85_802.11a_CH149_5745MHz	
ANT	6+7	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH20-HY Condition: PEAK_BE(B4)_16-24 3m HF_9120D_02360_251105 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5645.53 51.70 68.20 -16.50 42.97 33.08 13.44 37.79 0.00 100 301 Peak 2 5650.32 50.23 68.43 -18.20 41.47 33.10 13.45 37.79 0.00 100 301 Peak 3 5719.48 67.37 110.65 -43.28 57.94 33.68 13.54 37.79 0.00 100 301 Peak 4 5720.21 65.28 111.27 -45.99 55.85 33.68 13.54 37.79 0.00 100 301 Peak	 Site : 03CH20-HY Condition: PEAK(UNII) 3m HF_9120D_02360_251105 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5745.00 115.00 ------ ------ 105.44 33.78 13.57 37.79 0.00 100 301 Peak
Avg	Blank	 Site : 03CH20-HY Condition: AVG_54 3m HF_9120D_02360_251105 VERTICAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5745.00 109.30 ------ ------ 99.77 33.76 13.56 37.79 0.00 100 301 Average

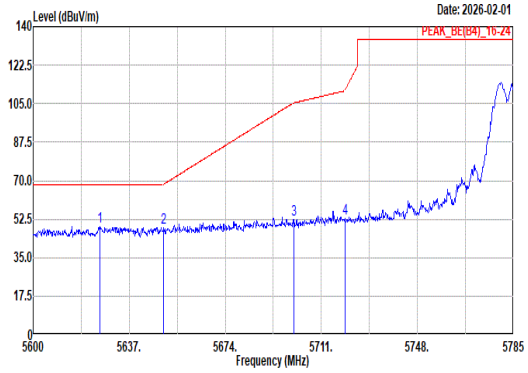
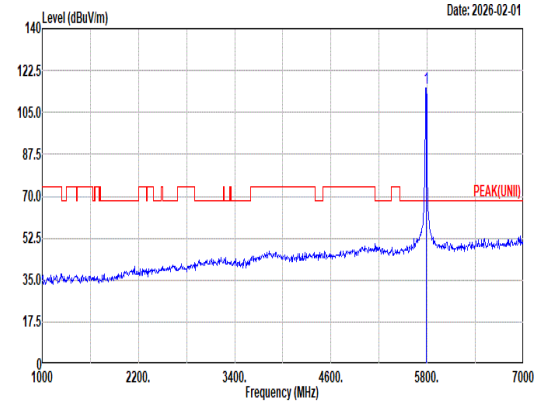
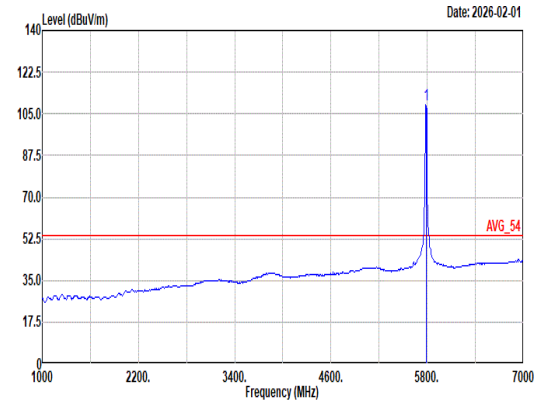
Mode	51	
	Harmonic	
	U-NII-3_5.725-5.85_802.11a_CH149_5745MHz	
ANT	6+7	
Pol.	Horizontal	Vertical
Peak Avg	 Site : 03CH20-HY Condition: PEAK(UNII) 3m HF_9120D_02360_251105 HORIZONTAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 6870.00 55.40 68.20 -12.80 42.43 35.84 14.99 37.86 0.00 100 12 Peak 2 8043.00 54.84 74.00 -19.16 39.40 37.20 16.40 38.92 0.76 100 300 Peak 3 11490.00 51.52 74.00 -22.48 34.82 39.18 19.44 42.39 0.47 400 242 Peak 4 11490.00 41.83 54.00 -12.17 25.13 39.18 19.44 42.39 0.47 400 242 Average 5 17235.00 53.23 68.20 -14.97 35.00 38.37 24.15 44.77 0.48 -- -- Peak	 Site : 03CH20-HY Condition: PEAK(UNII) 3m HF_9120D_02360_251105 VERTICAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 6870.00 54.76 68.20 -13.44 41.79 35.84 14.99 37.86 0.00 115 11 Peak 2 8043.00 54.26 74.00 -19.74 38.82 37.20 16.40 38.92 0.76 100 356 Peak 3 11490.00 52.05 74.00 -21.95 35.35 39.18 19.44 42.39 0.47 300 62 Peak 4 11490.00 42.16 54.00 -11.84 25.46 39.18 19.44 42.39 0.47 300 62 Average 5 17235.00 52.57 68.20 -15.63 34.34 38.37 24.15 44.77 0.48 -- -- Peak

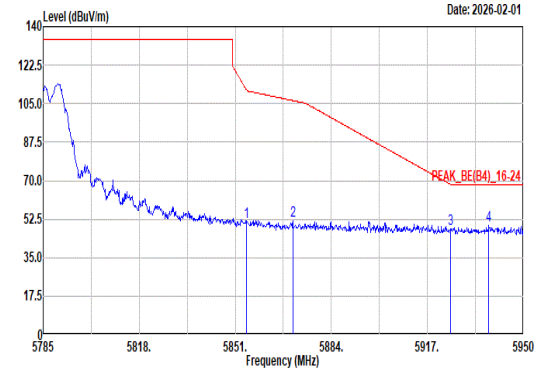
Mode	51	
	Harmonic	
	U-NII-3_5.725-5.85_802.11a_CH149_5745MHz	
ANT	6+7	
Pol.	Horizontal	Vertical
10G ~18G Avg	 Site : 03CH20-HY Condition: AVG_54 3m HF_9120D_02360_251105 HORIZONTAL	 Site : 03CH20-HY Condition: AVG_54 3m HF_9120D_02360_251105 VERTICAL

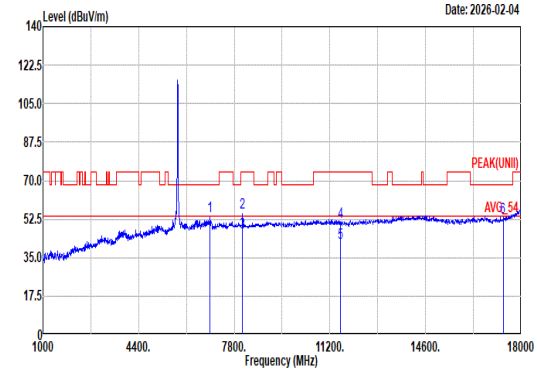
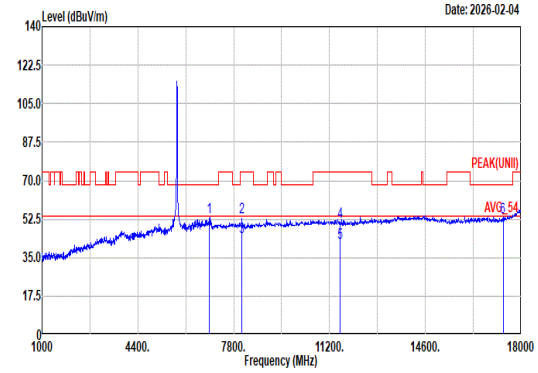
Mode	52	
	Band Edge - L	
	U-NII-3_5.725-5.85_802.11a_CH157_5785MHz	
ANT	6+7	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition: PEAK_BE(B4)_16-24 3m HF_9120D_02360_251105 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5624.05 50.34 68.20 -17.86 41.72 33.00 13.41 37.79 0.00 300 324 Peak 2 5650.14 46.62 68.30 -21.68 37.86 33.10 13.45 37.79 0.00 300 324 Peak 3 5701.20 51.78 105.54 -53.76 42.46 33.60 13.51 37.79 0.00 300 324 Peak 4 5720.07 50.56 110.95 -60.39 41.13 33.68 13.54 37.79 0.00 300 324 Peak	 Site : 03CH20-HY Condition: PEAK(UNII) 3m HF_9120D_02360_251105 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5785.00 115.57 ------ ------ 105.74 33.99 13.62 37.78 0.00 300 324 Peak
Avg	Blank	 Site : 03CH20-HY Condition: AVG_54 3m HF_9120D_02360_251105 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5785.00 108.95 ------ ------ 99.12 33.99 13.62 37.78 0.00 300 324 Average

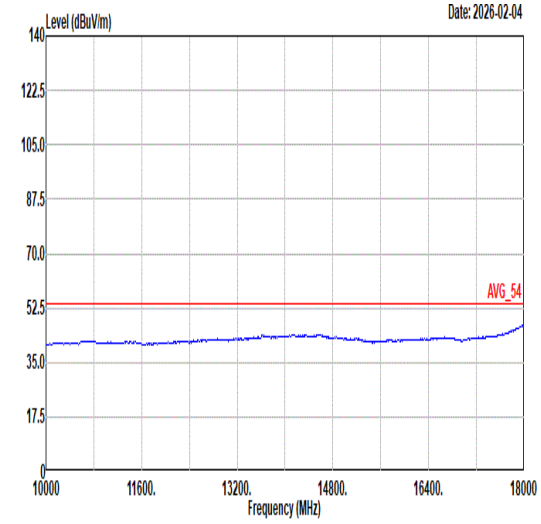
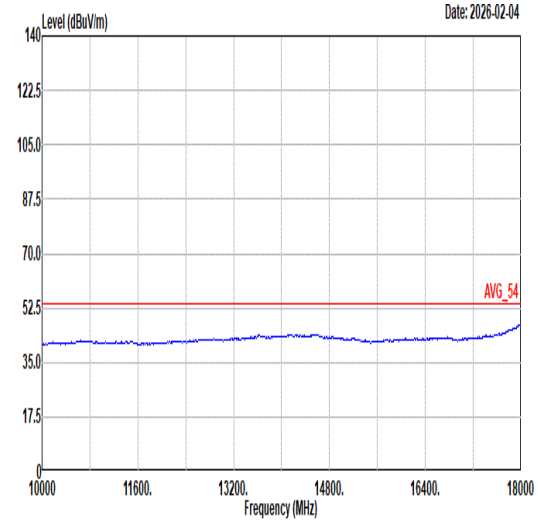
Mode	52	
	Band Edge - R	
	U-NII-3_5.725-5.85_802.11a_CH157_5785MHz	
ANT	6+7	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition: PEAK_BE(B4)_16-24 3m HF_9120D_02360_251105 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5854.96 50.25 110.89 -60.64 40.07 34.21 13.75 37.78 0.00 300 324 Peak 2 5872.78 52.12 105.82 -53.70 41.86 34.25 13.79 37.78 0.00 300 324 Peak 3 5924.76 49.51 68.38 -18.87 39.15 34.25 13.89 37.78 0.00 300 324 Peak 4 5938.78 50.15 68.20 -18.05 39.79 34.22 13.92 37.78 0.00 300 324 Peak	Blank

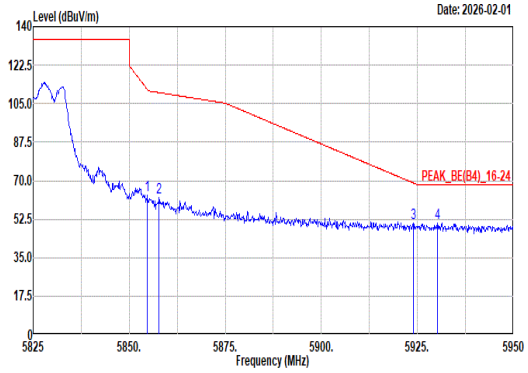
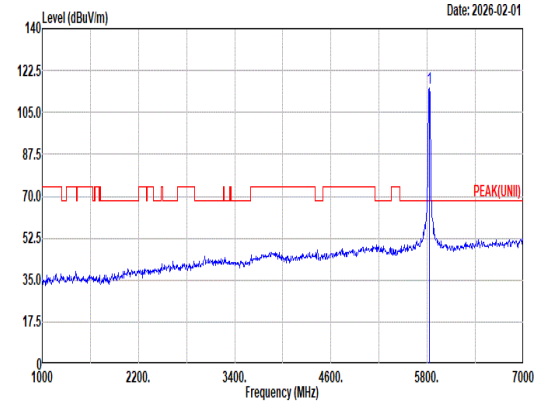
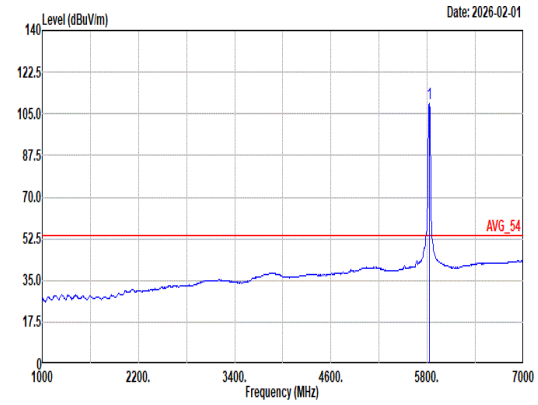
Mode	52
	Band Edge - L
	U-NII-3_5.725-5.85_802.11a_CH157_5785MHz
ANT	6+7

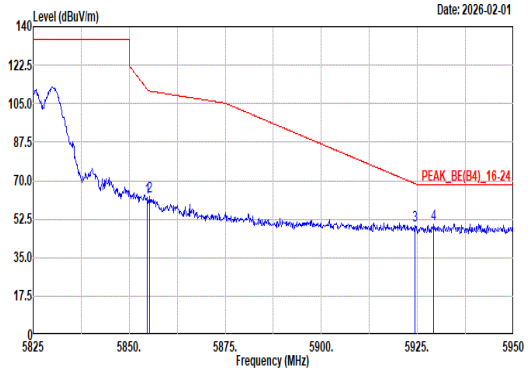
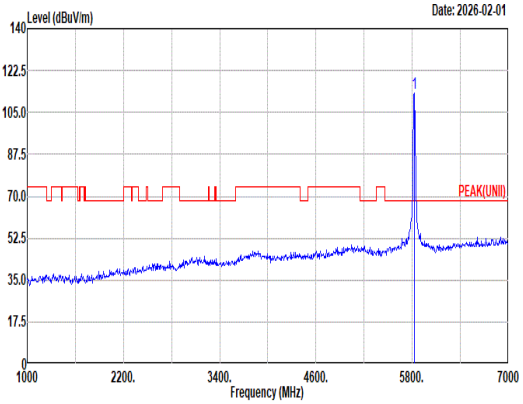
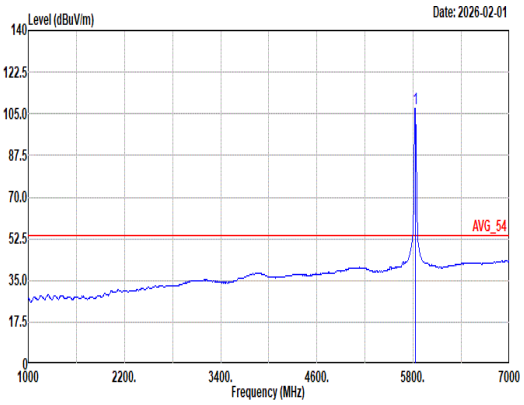
Pol.	Vertical	Fundamental
Peak	 Site : 03CH20-HY Condition: PEAK_BE(B4)_16-24 3m HF_9120D_02360_251105 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5625.72 49.38 68.20 -18.82 40.76 33.00 13.41 37.79 0.00 100 301 Peak 2 5650.32 48.84 68.44 -19.60 40.08 33.10 13.45 37.79 0.00 100 301 Peak 3 5700.46 52.40 105.33 -52.93 43.08 33.60 13.51 37.79 0.00 100 301 Peak 4 5720.07 52.65 110.95 -58.30 43.22 33.68 13.54 37.79 0.00 100 301 Peak	 Site : 03CH20-HY Condition: PEAK(UNII) 3m HF_9120D_02360_251105 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5785.00 115.29 ------ ------ 105.46 33.99 13.62 37.78 0.00 100 301 Peak
Avg	Blank	 Site : 03CH20-HY Condition: AVG_54 3m HF_9120D_02360_251105 VERTICAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5785.00 108.94 ------ ------ 99.11 33.99 13.62 37.78 0.00 100 301 Average

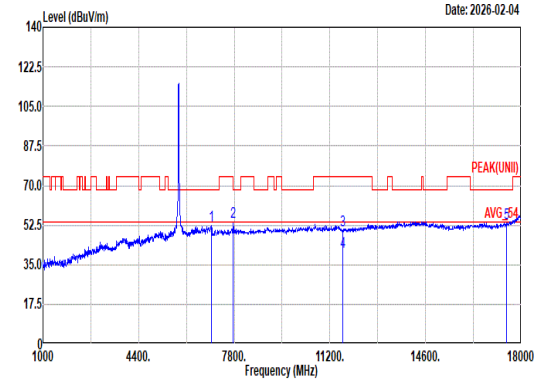
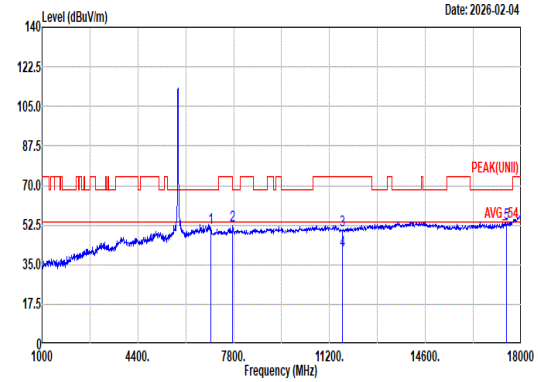
Mode	52	
	Band Edge - R	
	U-NII-3_5.725-5.85_802.11a_CH157_5785MHz	
ANT	6+7	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH20-HY Condition: PEAK_BE(B4)_16-24 3m HF_9120D_02360_251105 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5854.96 51.22 110.89 -59.67 41.04 34.21 13.75 37.78 0.00 100 301 Peak 2 5870.80 51.87 106.37 -54.50 41.63 34.24 13.78 37.78 0.00 100 301 Peak 3 5924.92 48.10 68.26 -20.16 37.74 34.25 13.89 37.78 0.00 100 301 Peak 4 5938.12 49.48 68.20 -18.72 39.12 34.22 13.92 37.78 0.00 100 301 Peak	Blank

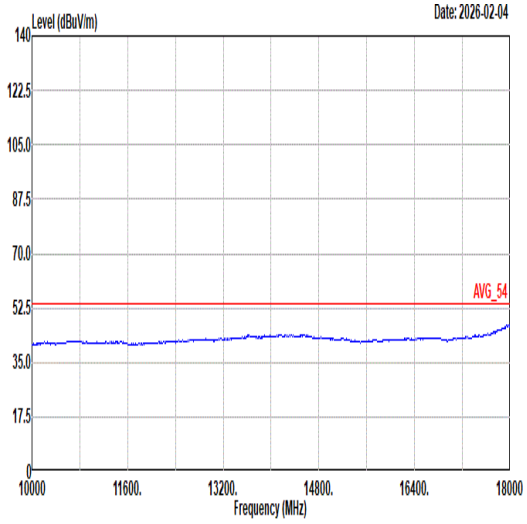
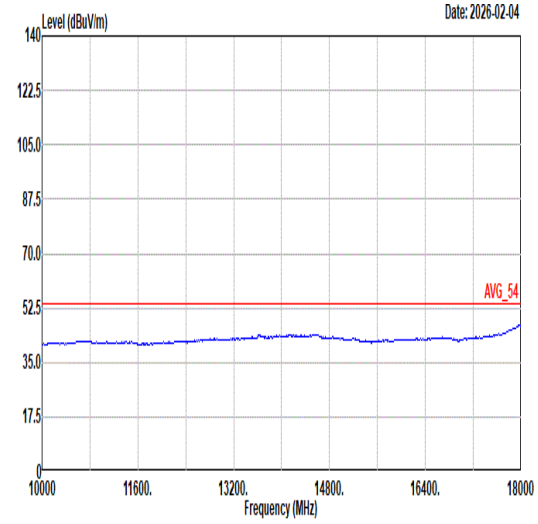
Mode	52	
	Harmonic	
	U-NII-3_5.725-5.85_802.11a_CH157_5785MHz	
ANT	6+7	
Pol.	Horizontal	Vertical
Peak Avg	 Site : 03CH20-HY Condition: PEAK(UNII) 3m HF_9120D_02360_251105 HORIZONTAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 6942.00 53.81 68.20 -14.39 40.73 35.90 15.07 37.89 0.00 100 10 Peak 2 8099.00 55.54 74.00 -18.46 40.18 37.20 16.39 38.97 0.74 100 334 Peak 3 8099.00 46.59 54.00 -7.41 31.23 37.20 16.39 38.97 0.74 100 334 Average 4 11570.00 51.41 74.00 -22.59 35.00 38.92 19.52 42.49 0.46 300 184 Peak 5 11570.00 41.62 54.00 -12.38 25.21 38.92 19.52 42.49 0.46 300 184 Average 6 17355.00 53.27 68.20 -14.93 34.90 38.52 24.26 44.89 0.48 -- -- Peak	 Site : 03CH20-HY Condition: PEAK(UNII) 3m HF_9120D_02360_251105 VERTICAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 6942.00 53.58 68.20 -14.62 40.50 35.90 15.07 37.89 0.00 109 12 Peak 2 8099.00 53.32 74.00 -20.68 37.96 37.20 16.39 38.97 0.74 100 298 Peak 3 8099.00 44.48 54.00 -9.52 29.12 37.20 16.39 38.97 0.74 100 298 Average 4 11570.00 51.22 74.00 -22.78 34.81 38.92 19.52 42.49 0.46 300 58 Peak 5 11570.00 41.54 54.00 -12.46 25.13 38.92 19.52 42.49 0.46 300 58 Average 6 17355.00 53.17 68.20 -15.03 34.80 38.52 24.26 44.89 0.48 -- -- Peak

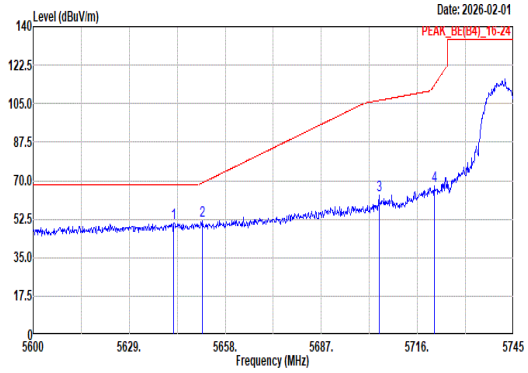
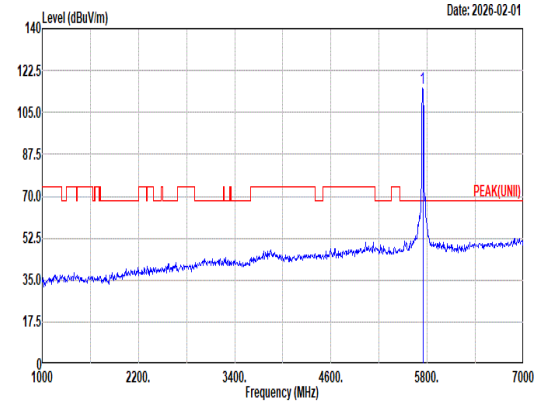
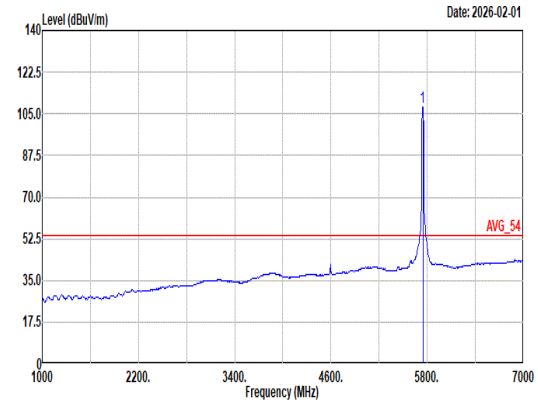
Mode	52	
	Harmonic	
	U-NII-3_5.725-5.85_802.11a_CH157_5785MHz	
ANT	6+7	
Pol.	Horizontal	Vertical
10G ~18G Avg	 Site : 03CH20-HY Condition: AVG_54 3m HF_9120D_02360_251105 HORIZONTAL	 Site : 03CH20-HY Condition: AVG_54 3m HF_9120D_02360_251105 VERTICAL

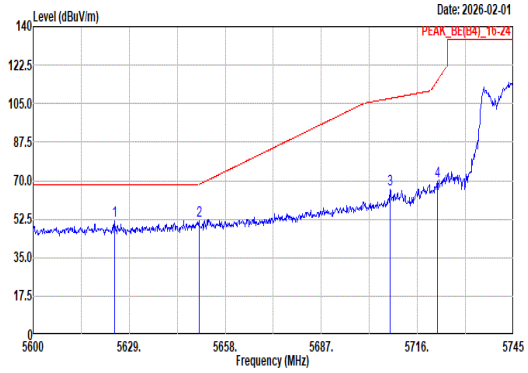
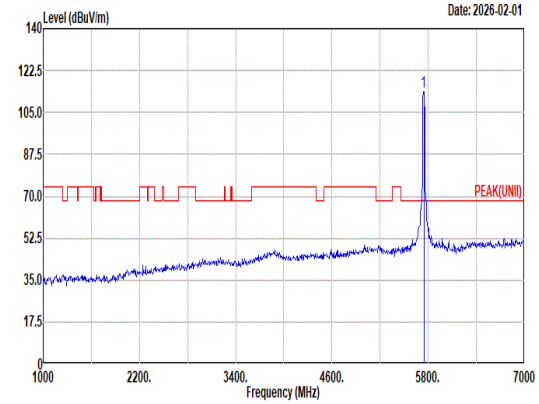
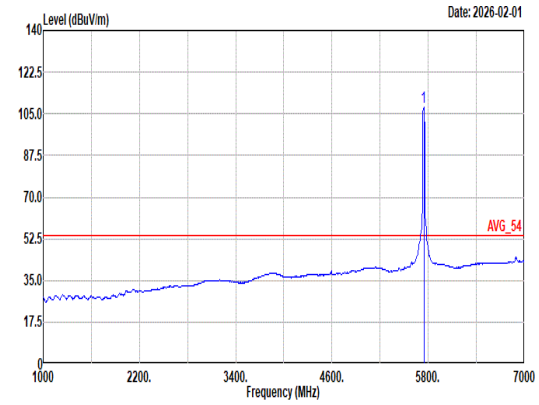
Mode	53	
	Band Edge	
	U-NII-3_5.725-5.85_802.11a_CH165_5825MHz	
ANT	6+7	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition: PEAK_BE(B4)_16-24 3m HF_9120D_02360_251105 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5854.75 63.38 111.37 -47.99 53.20 34.21 13.75 37.78 0.00 300 350 Peak 2 5857.75 62.50 110.03 -47.53 52.30 34.22 13.76 37.78 0.00 300 350 Peak 3 5923.88 50.50 69.03 -18.53 40.14 34.25 13.89 37.78 0.00 300 350 Peak 4 5930.13 50.79 68.20 -17.41 40.43 34.24 13.90 37.78 0.00 300 350 Peak	 Site : 03CH20-HY Condition: PEAK(UNII) 3m HF_9120D_02360_251105 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5825.00 115.36 ------ ------ 105.28 34.16 13.70 37.78 0.00 300 350 Peak
Avg	Blank	 Site : 03CH20-HY Condition: AVG_54 3m HF_9120D_02360_251105 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5825.00 109.40 ------ ------ 99.34 34.15 13.69 37.78 0.00 300 350 Average

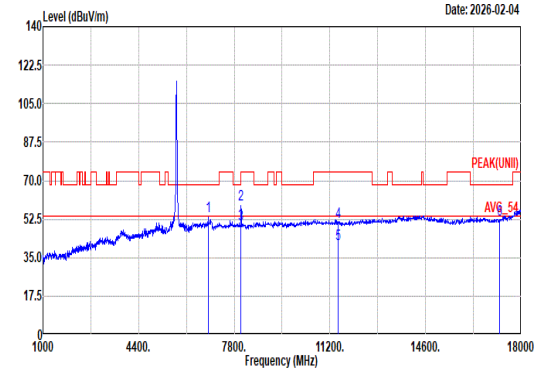
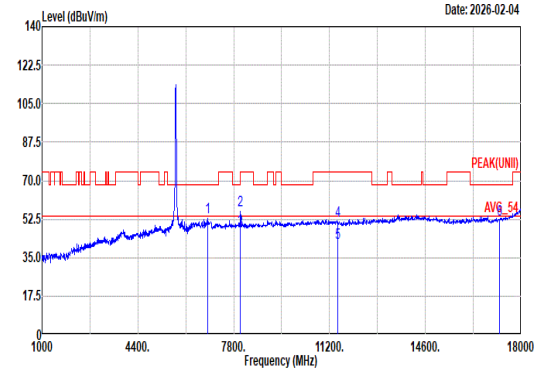
Mode	53	
	Band Edge	
	U-NII-3_5.725-5.85_802.11a_CH165_5825MHz	
ANT	6+7	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH20-HY Condition: PEAK_BE(B4)_16-24 3m HF_9120D_02360_251105 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5854.75 62.13 111.37 -49.24 51.95 34.21 13.75 37.78 0.00 100 305 Peak 2 5855.38 62.91 110.69 -47.78 52.73 34.21 13.75 37.78 0.00 100 305 Peak 3 5924.38 49.69 68.66 -18.97 39.33 34.25 13.89 37.78 0.00 100 305 Peak 4 5929.25 50.42 68.20 -17.78 40.06 34.24 13.90 37.78 0.00 100 305 Peak	 Site : 03CH20-HY Condition: PEAK(UNII) 3m HF_9120D_02360_251105 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5825.00 112.99 ------ ------ 102.93 34.15 13.69 37.78 0.00 100 305 Peak
Avg	Blank	 Site : 03CH20-HY Condition: AVG_54 3m HF_9120D_02360_251105 VERTICAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5825.00 107.19 ------ ------ 97.15 34.14 13.68 37.78 0.00 100 305 Average

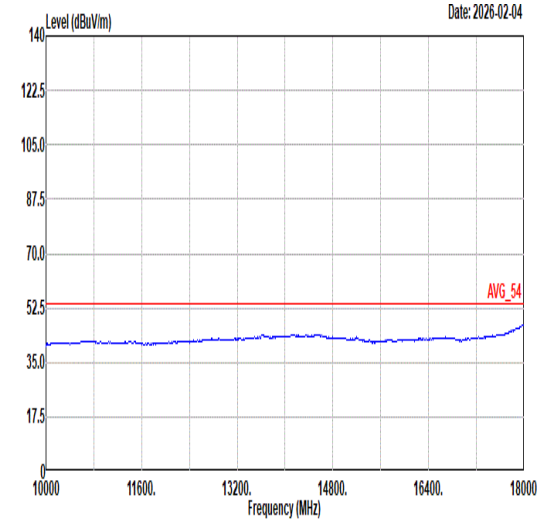
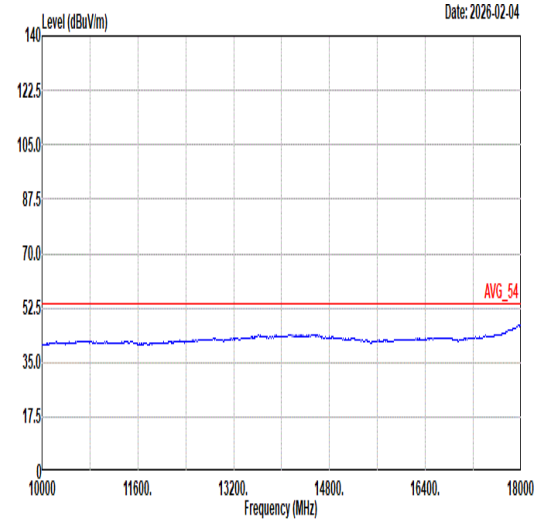
Mode	53	
	Harmonic	
	U-NII-3_5.725-5.85_802.11a_CH165_5825MHz	
ANT	6+7	
Pol.	Horizontal	Vertical
Peak Avg	 Site : 03CH20-HY Condition: PEAK(UNII) 3m HF_9120D_02360_251105 HORIZONTAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 6990.00 52.50 68.20 -15.70 39.39 35.90 15.12 37.91 0.00 300 239 Peak 2 7766.00 53.93 68.20 -14.27 38.44 36.76 16.57 38.67 0.83 100 343 Peak 3 11650.00 50.43 74.00 -23.57 34.27 38.70 19.59 42.59 0.46 200 58 Peak 4 11650.00 40.71 54.00 -13.29 24.55 38.70 19.59 42.59 0.46 200 58 Average 5 17475.00 53.40 68.20 -14.80 34.91 38.65 24.36 45.01 0.49 -- -- Peak	 Site : 03CH20-HY Condition: PEAK(UNII) 3m HF_9120D_02360_251105 VERTICAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 6990.00 51.40 68.20 -16.80 38.29 35.90 15.12 37.91 0.00 200 203 Peak 2 7766.00 52.19 68.20 -16.01 36.70 36.76 16.57 38.67 0.83 100 46 Peak 3 11650.00 50.40 74.00 -23.60 34.24 38.70 19.59 42.59 0.46 200 211 Peak 4 11650.00 41.05 54.00 -12.95 24.89 38.70 19.59 42.59 0.46 200 211 Average 5 17475.00 53.29 68.20 -14.91 34.80 38.65 24.36 45.01 0.49 -- -- Peak

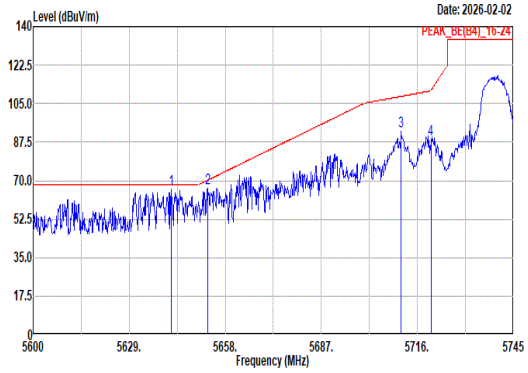
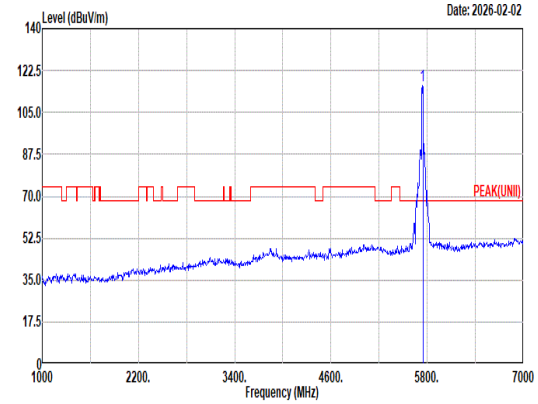
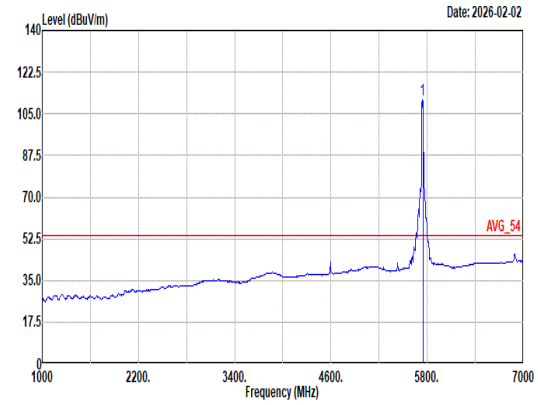
Mode	53	
	Harmonic	
	U-NII-3_5.725-5.85_802.11a_CH165_5825MHz	
ANT	6+7	
Pol.	Horizontal	Vertical
10G ~18G Avg	 Site : 03CH20-HY Condition: AVG_54 3m HF_9120D_02360_251105 HORIZONTAL	 Site : 03CH20-HY Condition: AVG_54 3m HF_9120D_02360_251105 VERTICAL

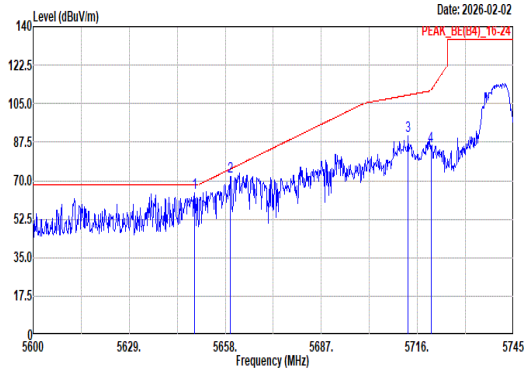
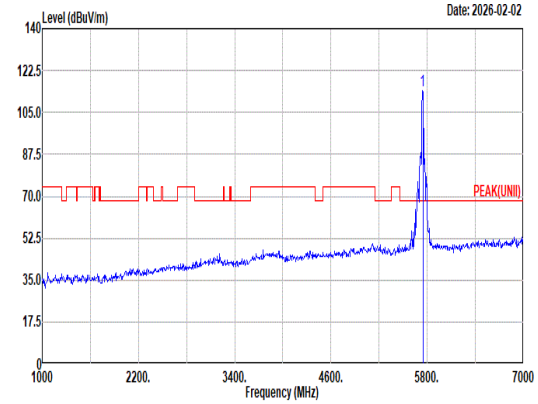
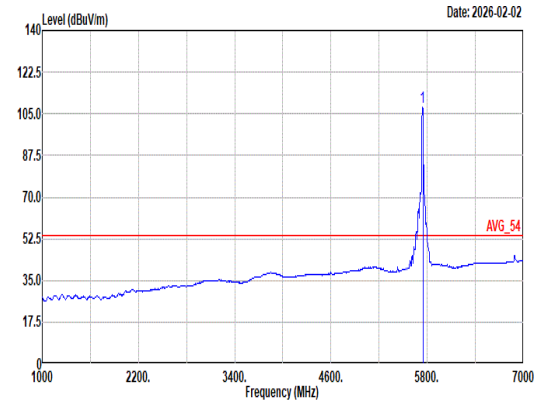
Mode	54	
	Band Edge	
	U-NII-3_5.725-5.85_802.11ax HE20_CH149_Full RU_5745MHz	
ANT	6+7	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition: PEAK_BE(B4)_16-24 3m HF_9120D_02360_251105 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5642.49 50.76 68.20 -17.44 42.04 33.07 13.44 37.79 0.00 319 340 Peak 2 5651.04 51.57 68.97 -17.40 42.80 33.11 13.45 37.79 0.00 319 340 Peak 3 5704.40 63.39 106.43 -43.04 54.04 33.62 13.52 37.79 0.00 319 340 Peak 4 5721.22 67.82 113.58 -45.76 58.39 33.68 13.54 37.79 0.00 319 340 Peak	 Site : 03CH20-HY Condition: PEAK(UNII) 3m HF_9120D_02360_251105 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5745.00 114.98 ------ ------ 105.45 33.76 13.56 37.79 0.00 319 340 Peak
Avg	Blank	 Site : 03CH20-HY Condition: AVG_54 3m HF_9120D_02360_251105 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5745.00 108.00 ------ ------ 98.47 33.76 13.56 37.79 0.00 319 340 Average

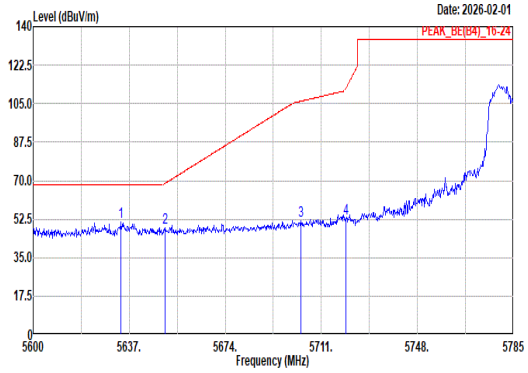
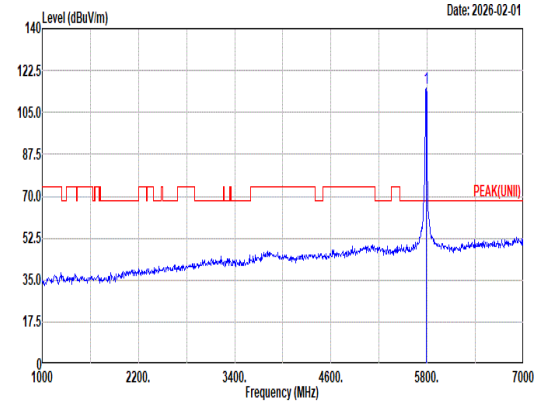
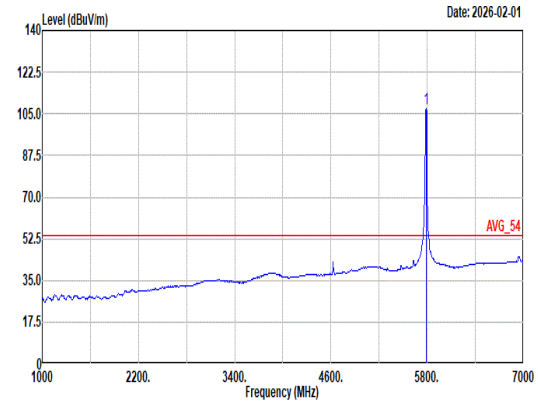
Mode	54	
	Band Edge	
	U-NII-3_5.725-5.85_802.11ax HE20_CH149_Full RU_5745MHz	
ANT	6+7	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH20-HY Condition: PEAK_BE(B4)_16-24 3m HF_9120D_02360_251105 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5624.51 51.74 68.20 -16.46 43.12 33.00 13.41 37.79 0.00 100 304 Peak 2 5650.03 51.70 68.22 -16.52 42.94 33.10 13.45 37.79 0.00 100 304 Peak 3 5707.74 65.86 107.37 -41.51 56.50 33.63 13.52 37.79 0.00 100 304 Peak 4 5721.95 69.70 115.24 -45.54 60.26 33.69 13.54 37.79 0.00 100 304 Peak	 Site : 03CH20-HY Condition: PEAK(UNII) 3m HF_9120D_02360_251105 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5745.00 113.84 ------ ------ 104.31 33.76 13.56 37.79 0.00 100 304 Peak
Avg	Blank	 Site : 03CH20-HY Condition: AVG_54 3m HF_9120D_02360_251105 VERTICAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5745.00 107.90 ------ ------ 98.34 33.78 13.57 37.79 0.00 100 304 Average

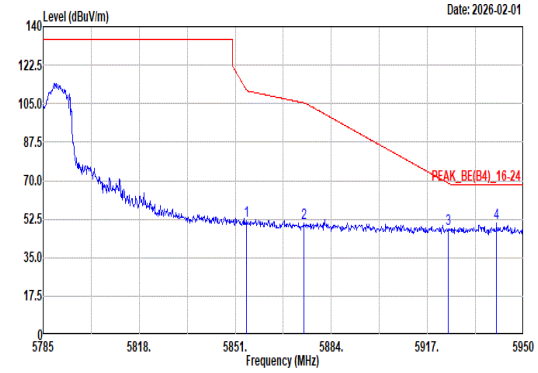
Mode	54	
	Harmonic	
	U-NII-3_5.725-5.85_802.11ax HE20_CH149_Full RU_5745MHz	
ANT	6+7	
Pol.	Horizontal	Vertical
Peak Avg	 Site : 03CH20-HY Condition: PEAK(UNII) 3m HF_9120D_02360_251105 HORIZONTAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 6870.00 53.91 68.20 -14.29 40.94 35.84 14.99 37.86 0.00 100 10 Peak 2 8043.00 59.42 74.00 -14.58 43.98 37.20 16.40 38.92 0.76 100 331 Peak 3 8043.00 50.01 54.00 -3.99 34.57 37.20 16.40 38.92 0.76 100 331 Average 4 11490.00 51.44 74.00 -22.56 34.74 39.18 19.44 42.39 0.47 100 41 Peak 5 11490.00 41.38 54.00 -12.62 24.68 39.18 19.44 42.39 0.47 100 41 Average 6 17235.00 52.45 68.20 -15.75 34.22 38.37 24.15 44.77 0.48 -- -- Peak	 Site : 03CH20-HY Condition: PEAK(UNII) 3m HF_9120D_02360_251105 VERTICAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 6870.00 53.13 68.20 -15.07 40.16 35.84 14.99 37.86 0.00 100 4 Peak 2 8043.00 56.42 74.00 -17.58 40.98 37.20 16.40 38.92 0.76 100 297 Peak 3 8043.00 47.36 54.00 -6.64 31.92 37.20 16.40 38.92 0.76 100 297 Average 4 11490.00 51.66 74.00 -22.34 34.96 39.18 19.44 42.39 0.47 300 121 Peak 5 11490.00 41.68 54.00 -12.32 24.98 39.18 19.44 42.39 0.47 300 121 Average 6 17235.00 52.52 68.20 -15.68 34.29 38.37 24.15 44.77 0.48 -- -- Peak

Mode	54	
	Harmonic	
	U-NII-3_5.725-5.85_802.11ax HE20_CH149_Full RU_5745MHz	
ANT	6+7	
Pol.	Horizontal	Vertical
10G ~18G Avg	 Site : 03CH20-HY Condition: AVG_54 3m HF_9120D_02360_251105 HORIZONTAL	 Site : 03CH20-HY Condition: AVG_54 3m HF_9120D_02360_251105 VERTICAL

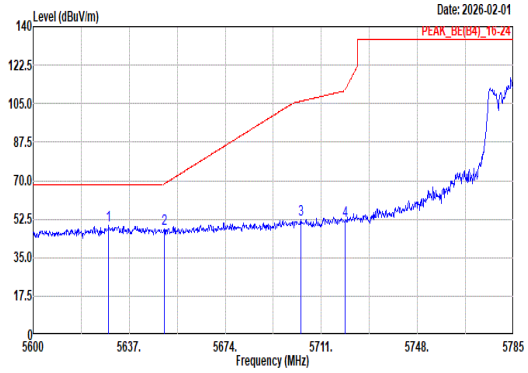
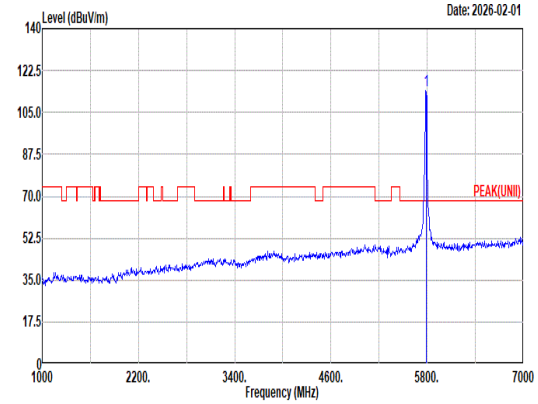
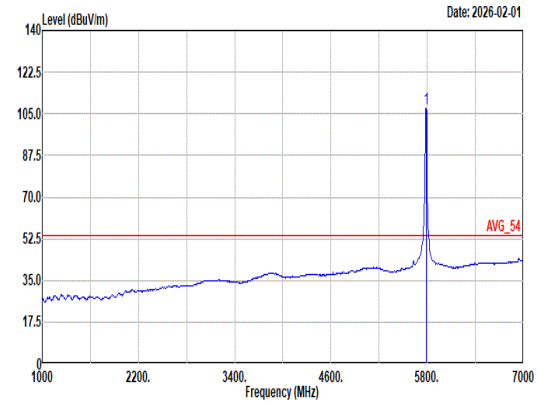
Mode	55	
	Band Edge	
	U-NII-3_5.725-5.85_802.11ax HE20_CH149_Partial_106/53RU _5745MHz	
ANT	6+7	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition: PEAK_BE(B4)_16-24 3m HF_9120D_02360_251105 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5641.62 65.89 68.20 -2.31 57.18 33.07 13.43 37.79 0.00 103 353 Peak 2 5652.64 66.64 70.16 -3.52 57.85 33.13 13.45 37.79 0.00 103 353 Peak 3 5711.07 92.42 108.30 -15.88 83.05 33.64 13.52 37.79 0.00 103 353 Peak 4 5720.06 88.84 110.94 -22.10 79.41 33.68 13.54 37.79 0.00 103 353 Peak	 Site : 03CH20-HY Condition: PEAK(UNII) 3m HF_9120D_02360_251105 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5745.00 116.40 ------ ------ 106.87 33.76 13.56 37.79 0.00 103 353 Peak
Avg	Blank	 Site : 03CH20-HY Condition: AVG_54 3m HF_9120D_02360_251105 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5745.00 111.08 ------ ------ 101.55 33.76 13.56 37.79 0.00 103 353 Average

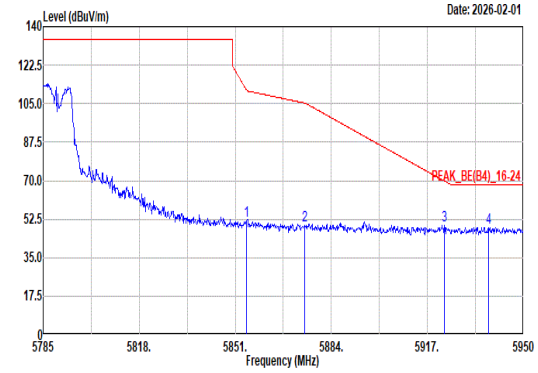
Mode	55	
	Band Edge	
	U-NII-3_5.725-5.85_802.11ax HE20_CH149_Partial_106/53RU _5745MHz	
ANT	6+7	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH20-HY Condition: PEAK_BE(B4)_16-24 3m HF_9120D_02360_251105 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5648.72 64.23 68.20 -3.97 55.49 33.09 13.44 37.79 0.00 100 14 Peak 2 5659.45 71.89 75.22 -3.33 63.03 33.19 13.46 37.79 0.00 100 14 Peak 3 5713.25 90.08 108.91 -18.83 80.69 33.65 13.53 37.79 0.00 100 14 Peak 4 5720.06 85.71 110.94 -25.23 76.28 33.68 13.54 37.79 0.00 100 14 Peak	 Site : 03CH20-HY Condition: PEAK(UNII) 3m HF_9120D_02360_251105 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5745.00 114.27 ------ ------ 104.74 33.76 13.56 37.79 0.00 100 14 Peak
Avg	Blank	 Site : 03CH20-HY Condition: AVG_54 3m HF_9120D_02360_251105 VERTICAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5745.00 107.65 ------ ------ 98.12 33.76 13.56 37.79 0.00 100 14 Average

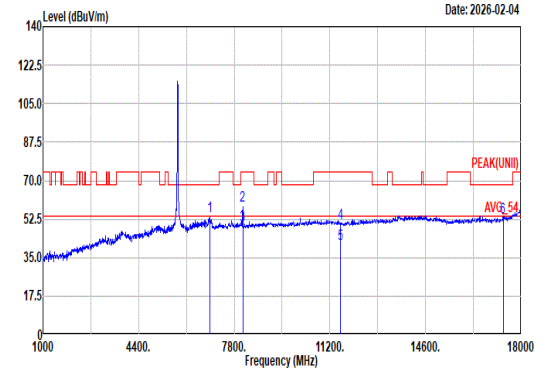
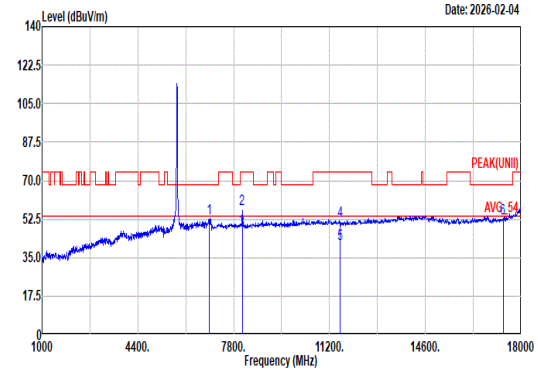
Mode	56	
	Band Edge - L	
	U-NII-3_5.725-5.85_802.11ax HE20_CH157_Full RU_5785MHz	
ANT	6+7	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition: PEAK_BE(B4)_16-24 3m HF_9120D_02360_251105 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5633.86 51.22 68.20 -16.98 42.55 33.04 13.42 37.79 0.00 100 348 Peak 2 5650.69 48.63 68.71 -20.08 39.86 33.11 13.45 37.79 0.00 100 348 Peak 3 5703.05 51.64 106.05 -54.41 42.31 33.61 13.51 37.79 0.00 100 348 Peak 4 5720.44 53.02 111.79 -58.77 43.59 33.68 13.54 37.79 0.00 100 348 Peak	 Site : 03CH20-HY Condition: PEAK(UNII) 3m HF_9120D_02360_251105 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5785.00 115.28 ------ ------ 105.41 34.03 13.62 37.78 0.00 100 348 Peak
Avg	Blank	 Site : 03CH20-HY Condition: AVG_54 3m HF_9120D_02360_251105 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5785.00 107.13 ------ ------ 97.26 34.03 13.62 37.78 0.00 100 348 Average

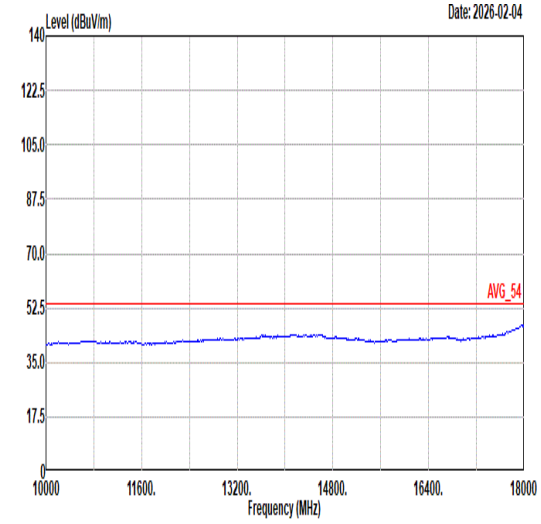
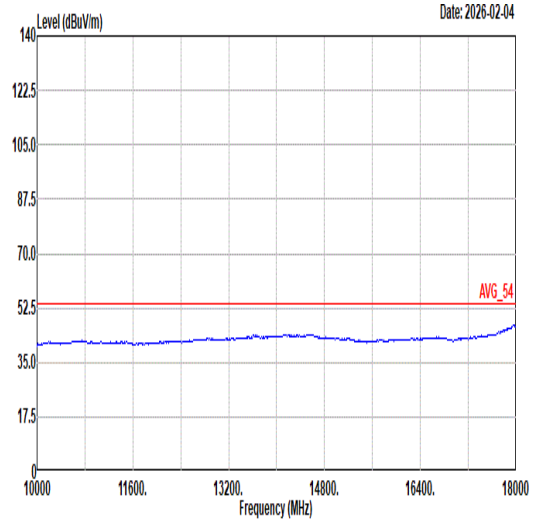
Mode	56	
	Band Edge - R	
	U-NII-3_5.725-5.85_802.11ax HE20_CH157_Full RU_5785MHz	
ANT	6+7	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition: PEAK_BE(B4)_16-24 3m HF_9120D_02360_251105 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5854.96 51.83 110.89 -59.06 41.65 34.21 13.75 37.78 0.00 100 348 Peak 2 5874.60 50.54 105.31 -54.77 40.28 34.25 13.79 37.78 0.00 100 348 Peak 3 5924.26 48.29 68.75 -20.46 37.93 34.25 13.89 37.78 0.00 100 348 Peak 4 5940.76 50.83 68.20 -17.37 40.47 34.22 13.92 37.78 0.00 100 348 Peak	Blank

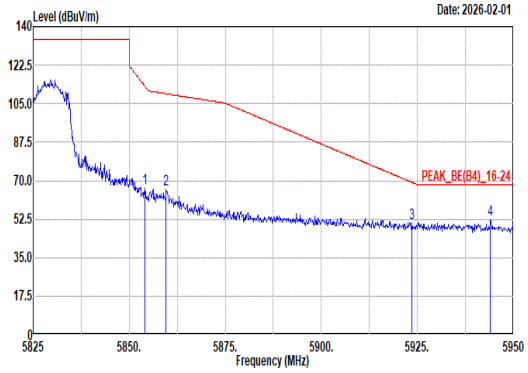
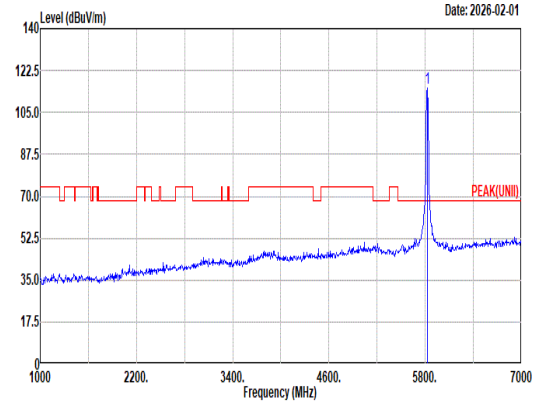
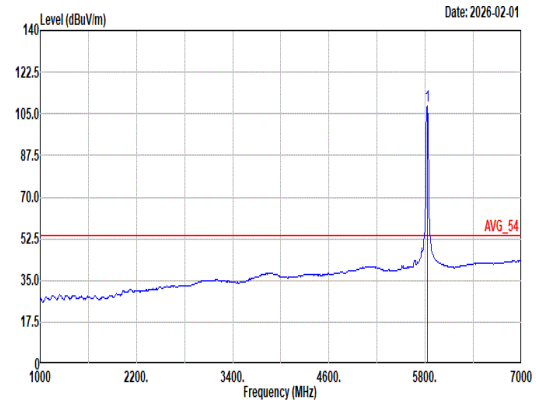
Mode	56
	Band Edge - L
	U-NII-3_5.725-5.85_802.11ax HE20_CH157_Full RU_5785MHz
ANT	6+7

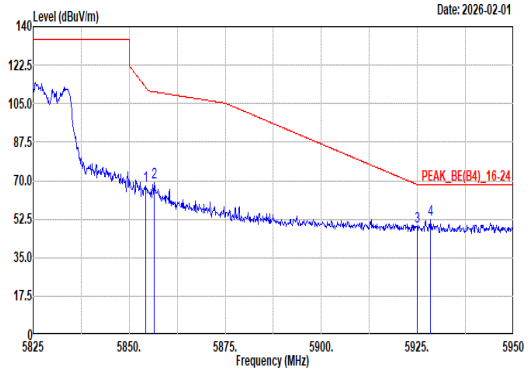
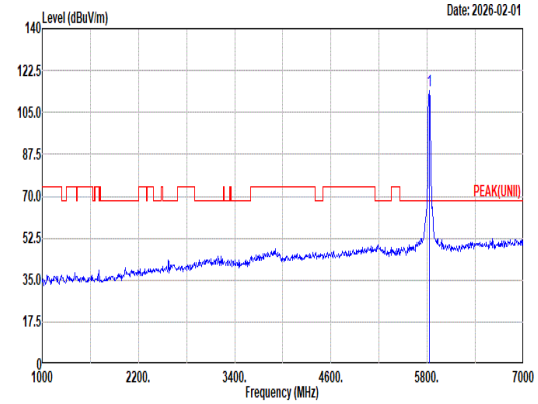
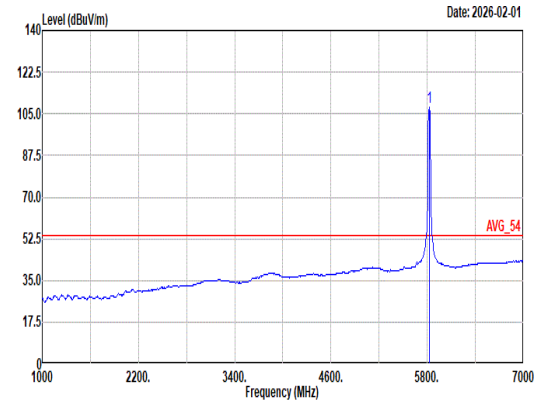
Pol.	Vertical	Fundamental
Peak	 Site : 03CH20-HY Condition: PEAK_BE(B4)_16-24 3m HF_9120D_02360_251105 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5629.05 49.71 68.20 -18.49 41.06 33.02 13.42 37.79 0.00 106 305 Peak 2 5650.51 47.87 68.58 -20.71 39.10 33.11 13.45 37.79 0.00 106 305 Peak 3 5703.23 52.21 106.11 -53.90 42.88 33.61 13.51 37.79 0.00 106 305 Peak 4 5720.07 51.95 110.95 -59.00 42.52 33.68 13.54 37.79 0.00 106 305 Peak	 Site : 03CH20-HY Condition: PEAK(UNII) 3m HF_9120D_02360_251105 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5785.00 113.93 ------ ------ 104.10 33.99 13.62 37.78 0.00 106 305 Peak
Avg	Blank	 Site : 03CH20-HY Condition: AVG_54 3m HF_9120D_02360_251105 VERTICAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5785.00 107.49 ------ ------ 97.66 33.99 13.62 37.78 0.00 106 305 Average

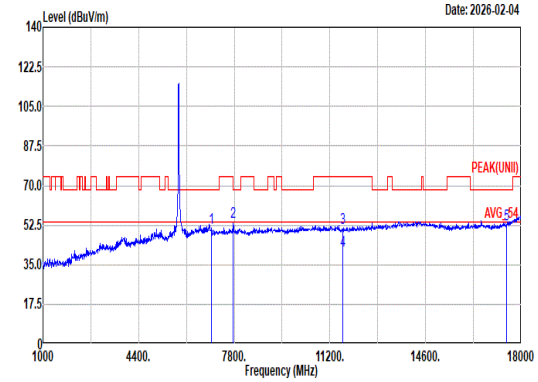
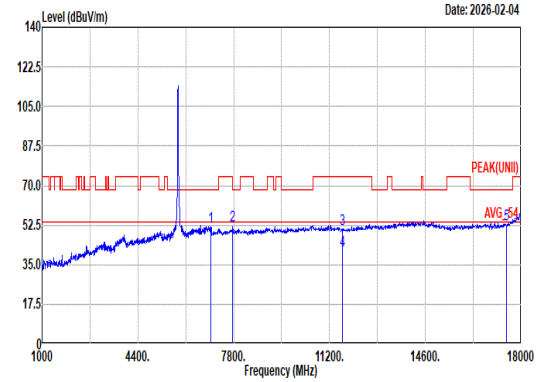
Mode	56	
	Band Edge - R	
	U-NII-3_5.725-5.85_802.11ax HE20_CH157_Full RU_5785MHz	
ANT	6+7	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH20-HY Condition: PEAK_BE(B4)_16-24 3m HF_9120D_02360_251105 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5854.80 51.65 111.27 -59.62 41.47 34.21 13.75 37.78 0.00 106 305 Peak 2 5874.93 49.41 105.22 -55.81 39.15 34.25 13.79 37.78 0.00 106 305 Peak 3 5922.94 49.72 69.72 -20.00 39.36 34.25 13.89 37.78 0.00 106 305 Peak 4 5938.12 48.74 68.20 -19.46 38.38 34.22 13.92 37.78 0.00 106 305 Peak	Blank

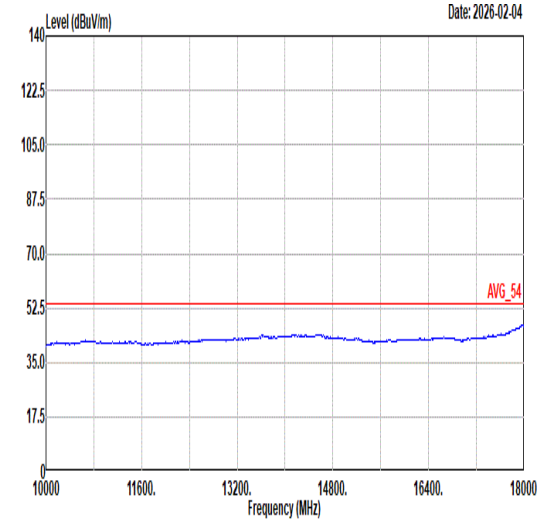
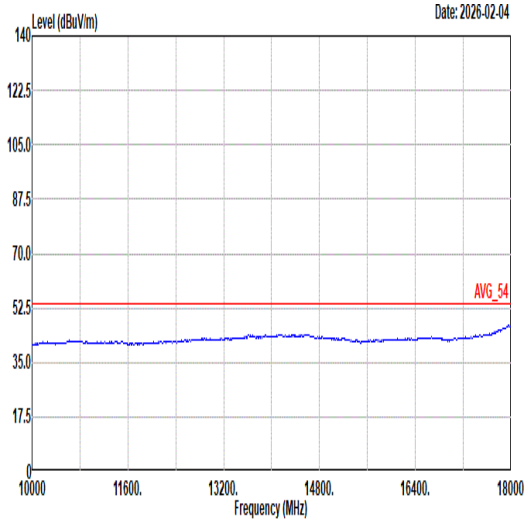
Mode	56	
	Harmonic	
	U-NII-3_5.725-5.85_802.11ax HE20_CH157_Full RU_5785MHz	
ANT	6+7	
Pol.	Horizontal	Vertical
Peak Avg	 Site : 03CH20-HY Condition: PEAK(UNII) 3m HF_9120D_02360_251105 HORIZONTAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark 1 6942.00 53.69 68.20 -14.51 40.61 35.90 15.07 37.89 0.00 100 10 Peak 2 8100.00 58.90 74.00 -15.10 43.55 37.20 16.39 38.98 0.74 100 328 Peak 3 8100.00 49.81 54.00 -4.19 34.46 37.20 16.39 38.98 0.74 100 328 Average 4 11570.00 50.83 74.00 -23.17 34.42 38.92 19.52 42.49 0.46 100 27 Peak 5 11570.00 41.27 54.00 -12.73 24.86 38.92 19.52 42.49 0.46 100 27 Average 6 17355.00 53.43 68.20 -14.77 35.06 38.52 24.26 44.89 0.48 -- -- Peak	 Site : 03CH20-HY Condition: PEAK(UNII) 3m HF_9120D_02360_251105 VERTICAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark 1 6942.00 52.77 68.20 -15.43 39.69 35.90 15.07 37.89 0.00 106 12 Peak 2 8100.00 56.95 74.00 -17.05 41.60 37.20 16.39 38.98 0.74 100 298 Peak 3 8100.00 47.33 54.00 -6.67 31.98 37.20 16.39 38.98 0.74 100 298 Average 4 11570.00 51.54 74.00 -22.46 35.13 38.92 19.52 42.49 0.46 300 57 Peak 5 11570.00 41.30 54.00 -12.70 24.89 38.92 19.52 42.49 0.46 300 57 Average 6 17355.00 52.60 68.20 -15.60 34.23 38.52 24.26 44.89 0.48 -- -- Peak

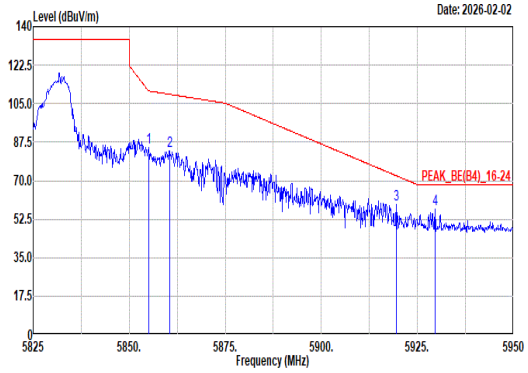
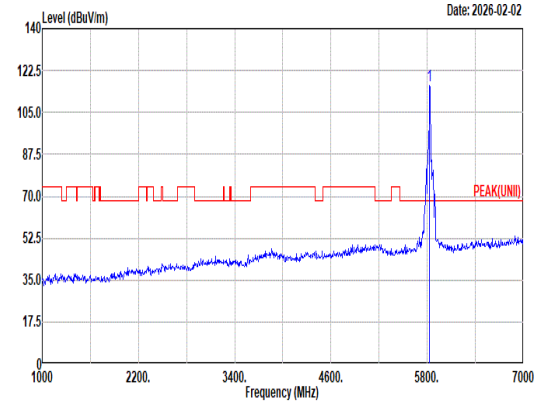
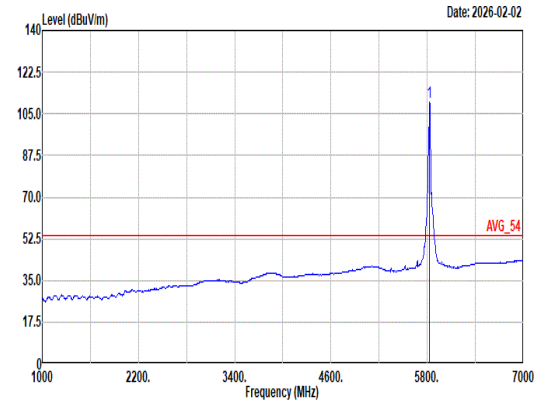
Mode	56	
	Harmonic	
	U-NII-3_5.725-5.85_802.11ax HE20_CH157_Full RU_5785MHz	
ANT	6+7	
Pol.	Horizontal	Vertical
10G ~18G Avg	 Site : 03CH20-HY Condition: AVG_54 3m HF_9120D_02360_251105 HORIZONTAL	 Site : 03CH20-HY Condition: AVG_54 3m HF_9120D_02360_251105 VERTICAL

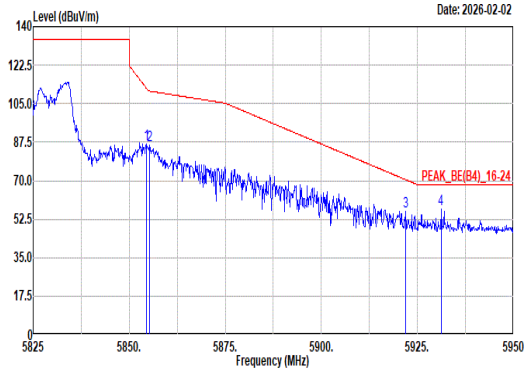
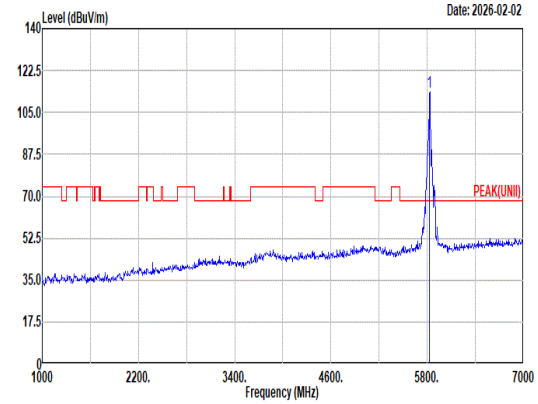
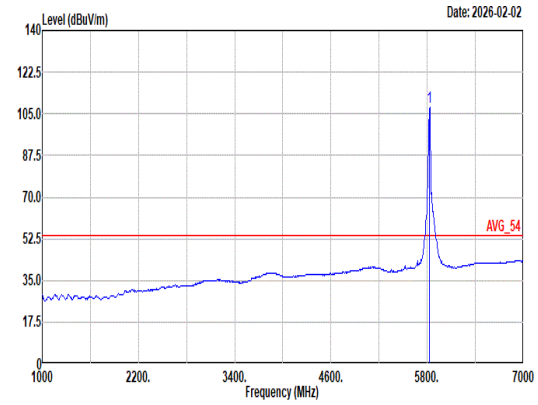
Mode	57	
	Band Edge	
	U-NII-3_5.725-5.85_802.11ax HE20_CH165_Full RU_5825MHz	
ANT	6+7	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition: PEAK_BE(B4)_16-24 3m HF_9120D_02360_251105 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5854.13 66.71 112.79 -46.08 56.53 34.21 13.75 37.78 0.00 100 351 Peak 2 5859.63 66.16 109.50 -43.34 55.96 34.22 13.76 37.78 0.00 100 351 Peak 3 5923.63 50.55 69.21 -18.66 40.19 34.25 13.89 37.78 0.00 100 351 Peak 4 5944.00 52.16 68.20 -16.04 41.80 34.21 13.93 37.78 0.00 100 351 Peak	 Site : 03CH20-HY Condition: PEAK(UNII) 3m HF_9120D_02360_251105 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5825.00 115.08 ------ ------ 105.00 34.16 13.70 37.78 0.00 100 351 Peak
Avg	Blank	 Site : 03CH20-HY Condition: AVG_54 3m HF_9120D_02360_251105 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5825.00 108.11 ------ ------ 98.03 34.16 13.70 37.78 0.00 100 351 Average

Mode	57	
	Band Edge	
	U-NII-3_5.725-5.85_802.11ax HE20_CH165_Full RU_5825MHz	
ANT	6+7	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH20-HY Condition: PEAK_BE(B4)_16-24 3m HF_9120D_02360_251105 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto 1 5854.38 67.36 112.22 -44.86 57.18 34.21 13.75 37.78 0.00 100 301 Peak 2 5856.50 69.21 110.38 -41.17 59.03 34.21 13.75 37.78 0.00 100 301 Peak 3 5925.00 49.25 68.20 -18.95 38.89 34.25 13.89 37.78 0.00 100 301 Peak 4 5928.38 52.24 68.20 -15.96 41.88 34.24 13.90 37.78 0.00 100 301 Peak	 Site : 03CH20-HY Condition: PEAK(UNII) 3m HF_9120D_02360_251105 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto 1 5825.00 114.13 ------ ------ 104.07 34.15 13.69 37.78 0.00 100 301 Peak
Avg	Blank	 Site : 03CH20-HY Condition: AVG_54 3m HF_9120D_02360_251105 VERTICAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto 1 5825.00 107.56 ------ ------ 97.50 34.15 13.69 37.78 0.00 100 301 Average

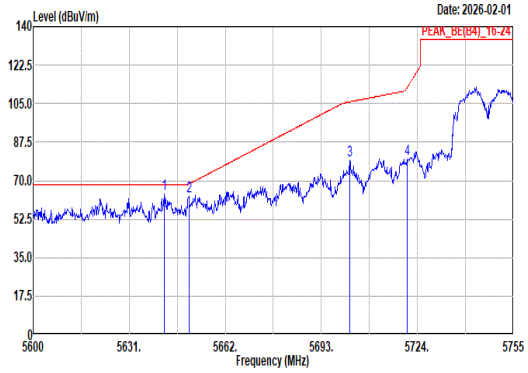
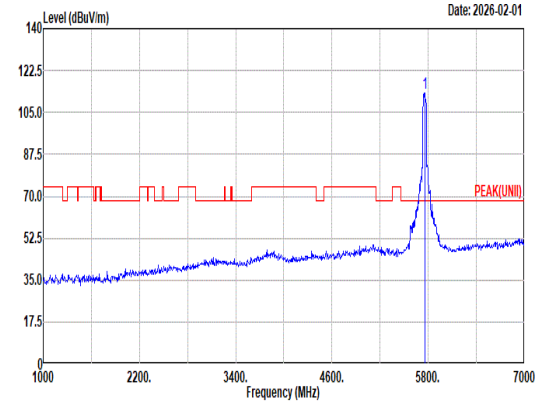
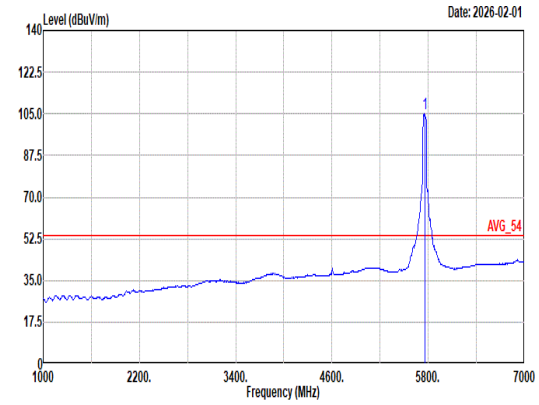
Mode	57	
	Harmonic	
	U-NII-3_5.725-5.85_802.11ax HE20_CH165_Full RU_5825MHz	
ANT	6+7	
Pol.	Horizontal	Vertical
Peak Avg	 Site : 03CH20-HY Condition: PEAK(UNII) 3m HF_9120D_02360_251105 HORIZONTAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 6990.00 51.06 68.20 -17.14 37.95 35.90 15.12 37.91 0.00 100 142 Peak 2 7766.00 53.67 68.20 -14.53 38.18 36.76 16.57 38.67 0.83 100 47 Peak 3 11650.00 51.01 74.00 -22.99 34.85 38.70 19.59 42.59 0.46 200 205 Peak 4 11650.00 41.28 54.00 -12.72 25.12 38.70 19.59 42.59 0.46 200 205 Average 5 17475.00 52.70 68.20 -15.50 34.21 38.65 24.36 45.01 0.49 -- -- Peak	 Site : 03CH20-HY Condition: PEAK(UNII) 3m HF_9120D_02360_251105 VERTICAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 6990.00 51.51 68.20 -16.69 38.40 35.90 15.12 37.91 0.00 200 356 Peak 2 7766.00 52.44 68.20 -15.76 36.95 36.76 16.57 38.67 0.83 100 47 Peak 3 11650.00 50.66 74.00 -23.34 34.50 38.70 19.59 42.59 0.46 200 12 Peak 4 11650.00 41.27 54.00 -12.73 25.11 38.70 19.59 42.59 0.46 200 12 Average 5 17475.00 52.65 68.20 -15.55 34.16 38.65 24.36 45.01 0.49 -- -- Peak

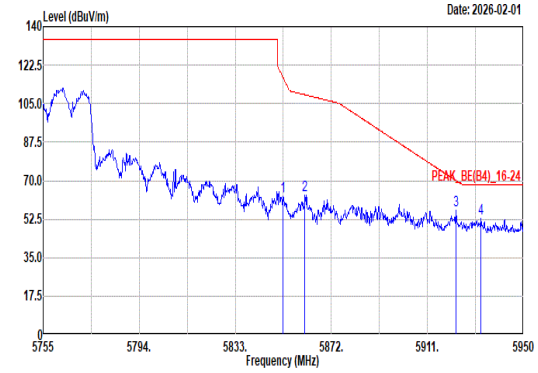
Mode	57	
	Harmonic	
	U-NII-3_5.725-5.85_802.11ax HE20_CH165_Full RU_5825MHz	
ANT	6+7	
Pol.	Horizontal	Vertical
10G ~18G Avg	 Site : 03CH20-HY Condition: AVG_54 3m HF_9120D_02360_251105 HORIZONTAL	 Site : 03CH20-HY Condition: AVG_54 3m HF_9120D_02360_251105 VERTICAL

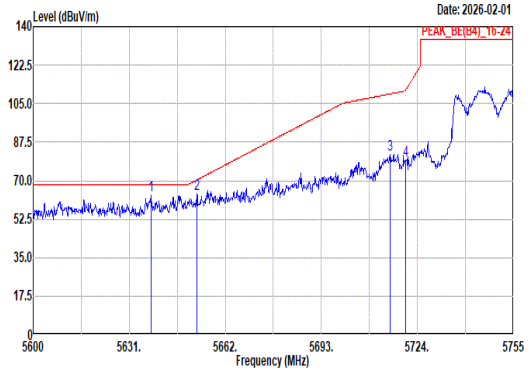
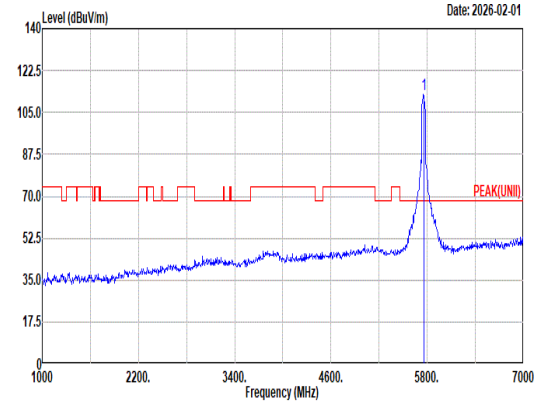
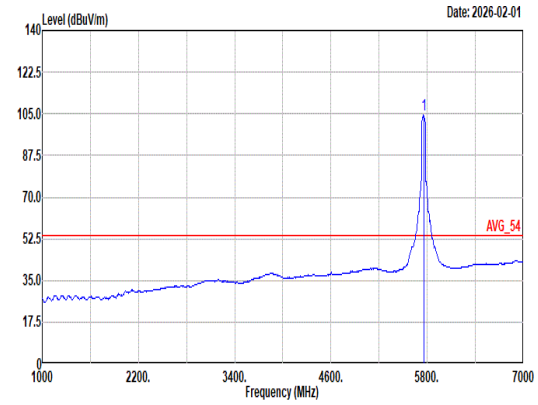
Mode	58	
	Band Edge	
	U-NII-3_5.725-5.85_802.11ax HE20_CH165_Partial_106/54RU _5825MHz	
ANT	6+7	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition: PEAK_BE(B4)_16-24 3m HF_9120D_02360_251105 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5855.00 84.93 110.80 -25.87 74.75 34.21 13.75 37.78 0.00 100 309 Peak 2 5860.50 83.45 109.26 -25.81 73.25 34.22 13.76 37.78 0.00 100 309 Peak 3 5919.50 58.92 72.25 -13.33 48.56 34.26 13.88 37.78 0.00 100 309 Peak 4 5929.63 57.22 68.20 -10.98 46.86 34.24 13.90 37.78 0.00 100 309 Peak	 Site : 03CH20-HY Condition: PEAK(UNII) 3m HF_9120D_02360_251105 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5825.00 116.11 ------ ------ 106.03 34.16 13.70 37.78 0.00 100 309 Peak
Avg	Blank	 Site : 03CH20-HY Condition: AVG_54 3m HF_9120D_02360_251105 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5825.00 109.73 ------ ------ 99.65 34.16 13.70 37.78 0.00 100 309 Average

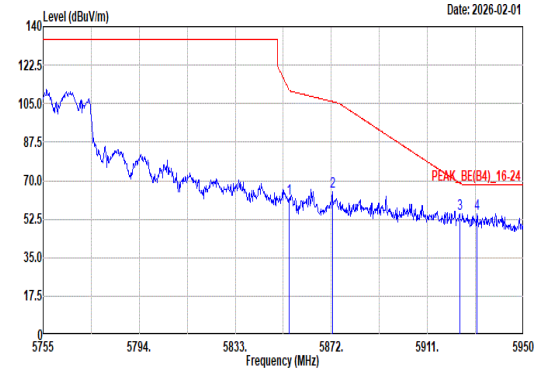
Mode	58	
	Band Edge	
	U-NII-3_5.725-5.85_802.11ax HE20_CH165_Partial_106/54RU _5825MHz	
ANT	6+7	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH20-HY Condition: PEAK_BE(B4)_16-24 3m HF_9120D_02360_251105 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto 1 5854.50 86.85 111.94 -25.09 76.67 34.21 13.75 37.78 0.00 100 337 Peak 2 5855.38 85.98 110.69 -24.71 75.80 34.21 13.75 37.78 0.00 100 337 Peak 3 5922.00 56.15 70.41 -14.26 45.79 34.26 13.88 37.78 0.00 100 337 Peak 4 5931.13 56.85 68.20 -11.35 46.49 34.24 13.90 37.78 0.00 100 337 Peak	 Site : 03CH20-HY Condition: PEAK(UNII) 3m HF_9120D_02360_251105 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto 1 5825.00 113.73 ------ ------ 103.63 34.17 13.71 37.78 0.00 100 337 Peak
Avg	Blank	 Site : 03CH20-HY Condition: AVG_54 3m HF_9120D_02360_251105 VERTICAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto 1 5825.00 107.92 ------ ------ 97.82 34.17 13.71 37.78 0.00 100 337 Average

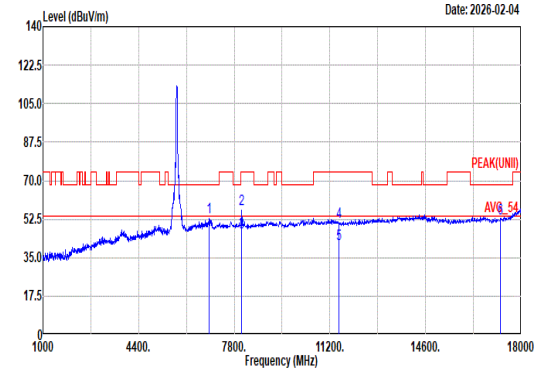
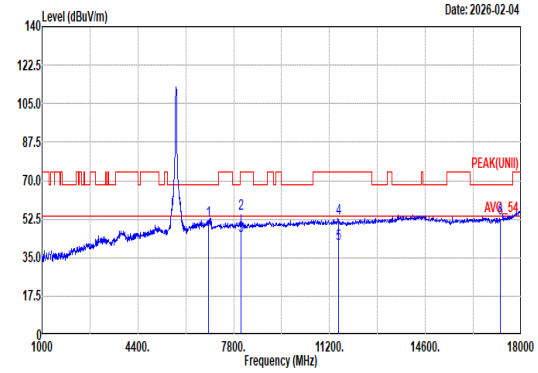
Mode	59
	Band Edge - L
	U-NII-3_5.725-5.85_802.11ax HE40_CH151_Full RU_5755MHz
ANT	6+7

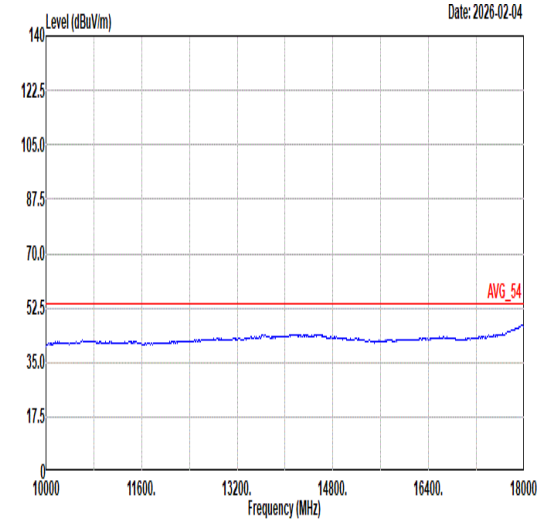
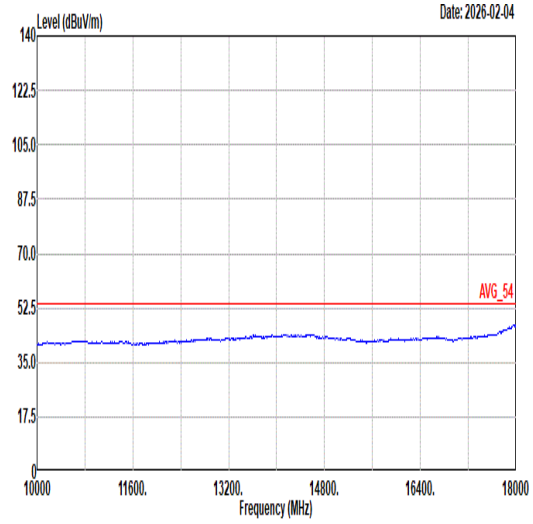
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition: PEAK_BE(B4)_16-24 3m HF_9120D_02360_251105 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5642.32 63.80 68.20 -4.40 55.08 33.07 13.44 37.79 0.00 209 327 Peak 2 5650.22 62.81 68.36 -5.55 54.05 33.10 13.45 37.79 0.00 209 327 Peak 3 5702.15 79.48 105.80 -26.32 70.15 33.61 13.51 37.79 0.00 209 327 Peak 4 5720.59 79.83 112.15 -32.32 70.40 33.68 13.54 37.79 0.00 209 327 Peak	 Site : 03CH20-HY Condition: PEAK(UNII) 3m HF_9120D_02360_251105 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5755.00 113.27 ------ ------ 103.61 33.85 13.59 37.78 0.00 209 327 Peak
Avg	Blank	 Site : 03CH20-HY Condition: AVG_54 3m HF_9120D_02360_251105 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5755.00 104.95 ------ ------ 95.34 33.81 13.58 37.78 0.00 209 327 Average

Mode	59	
	Band Edge - R	
	U-NII-3_5.725-5.85_802.11ax HE40_CH151_Full RU_5755MHz	
ANT	6+7	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition: PEAK_BE(B4)_16-24 3m HF_9120D_02360_251105 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5852.50 62.77 116.50 -53.73 52.60 34.21 13.74 37.78 0.00 209 327 Peak 2 5861.28 63.61 109.04 -45.43 53.41 34.22 13.76 37.78 0.00 209 327 Peak 3 5922.51 56.65 70.04 -13.39 46.29 34.25 13.89 37.78 0.00 209 327 Peak 4 5932.65 53.02 68.20 -15.18 42.66 34.23 13.91 37.78 0.00 209 327 Peak	Blank

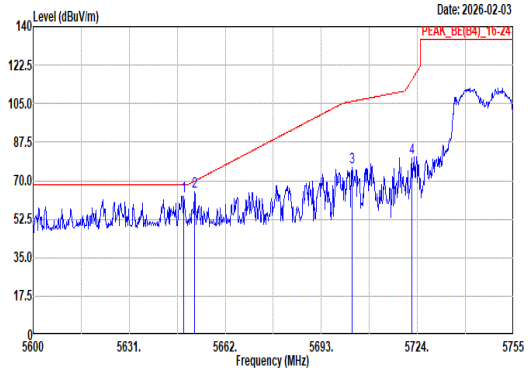
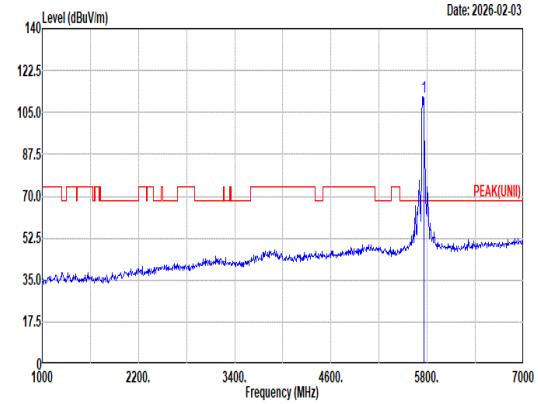
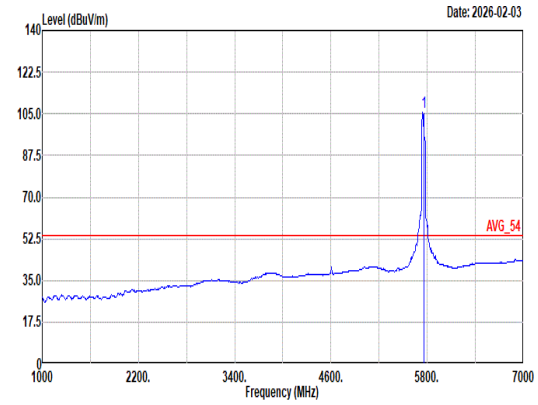
Mode	59	
	Band Edge - L	
	U-NII-3_5.725-5.85_802.11ax HE40_CH151_Full RU_5755MHz	
ANT	6+7	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH20-HY Condition: PEAK_BE(B4)_16-24 3m HF_9120D_02360_251105 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5637.98 63.15 68.20 -5.05 54.46 33.05 13.43 37.79 0.00 100 301 Peak 2 5652.86 64.03 70.32 -6.29 55.24 33.13 13.45 37.79 0.00 100 301 Peak 3 5715.17 81.96 109.45 -27.49 72.56 33.66 13.53 37.79 0.00 100 301 Peak 4 5720.13 79.40 111.09 -31.69 69.97 33.68 13.54 37.79 0.00 100 301 Peak	 Site : 03CH20-HY Condition: PEAK(UNII) 3m HF_9120D_02360_251105 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5755.00 112.71 ------ ------ 103.15 33.78 13.57 37.79 0.00 100 301 Peak
Avg	Blank	 Site : 03CH20-HY Condition: AVG_54 3m HF_9120D_02360_251105 VERTICAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5755.00 104.78 ------ ------ 95.22 33.78 13.57 37.79 0.00 100 301 Average

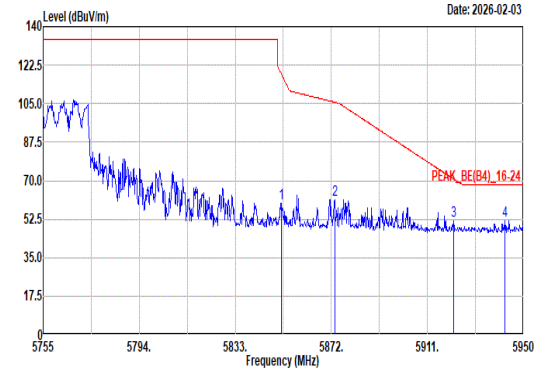
Mode	59	
	Band Edge - R	
	U-NII-3_5.725-5.85_802.11ax HE40_CH151_Full RU_5755MHz	
ANT	6+7	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH20-HY Condition: PEAK_BE(B4)_16-24 3m HF_9120D_02360_251105 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5854.84 61.95 111.16 -49.21 51.77 34.21 13.75 37.78 0.00 100 301 Peak 2 5872.39 64.90 105.93 -41.03 54.66 34.24 13.78 37.78 0.00 100 301 Peak 3 5924.07 54.90 68.89 -13.99 44.54 34.25 13.89 37.78 0.00 100 301 Peak 4 5931.09 54.88 68.20 -13.32 44.52 34.24 13.90 37.78 0.00 100 301 Peak	Blank

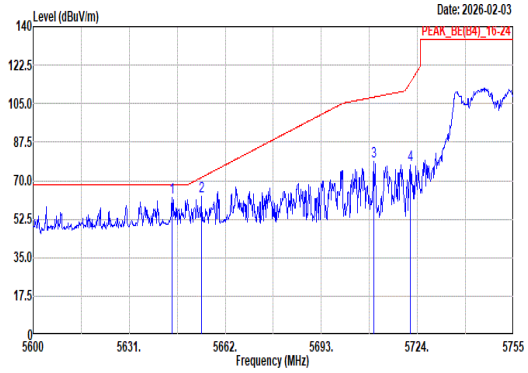
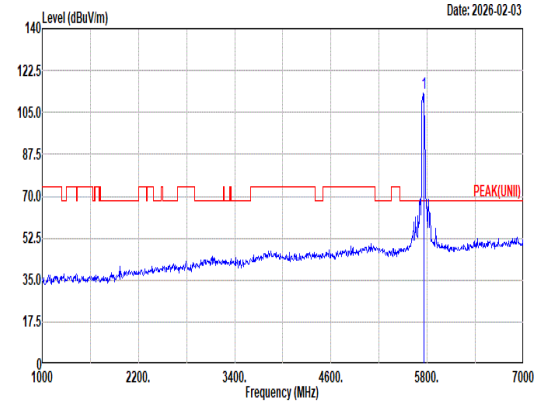
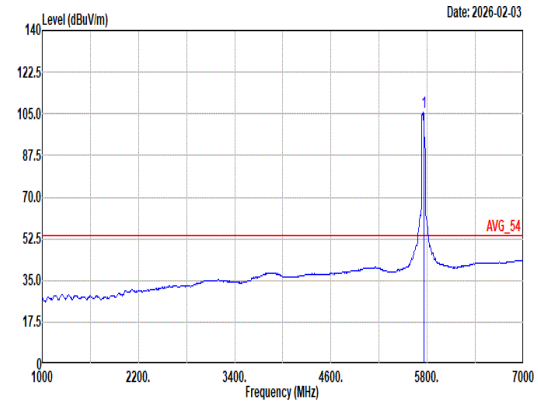
Mode	59	
	Harmonic	
	U-NII-3_5.725-5.85_802.11ax HE40_CH151_Full RU_5755MHz	
ANT	6+7	
Pol.	Horizontal	Vertical
Peak Avg	 Site : 03CH20-HY Condition: PEAK(UNII) 3m HF_9120D_02360_251105 HORIZONTAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 6906.00 53.28 68.20 -14.92 40.23 35.90 15.03 37.88 0.00 100 14 Peak 2 8057.00 57.08 74.00 -16.92 41.66 37.20 16.40 38.93 0.75 103 328 Peak 3 8057.00 46.71 54.00 -7.29 31.29 37.20 16.40 38.93 0.75 103 328 Average 4 11510.00 51.00 74.00 -23.00 34.33 39.16 19.46 42.41 0.46 400 204 Peak 5 11510.00 41.29 54.00 -12.71 24.62 39.16 19.46 42.41 0.46 400 204 Average 6 17265.00 52.70 68.20 -15.50 34.44 38.40 24.18 44.80 0.48 -- -- Peak	 Site : 03CH20-HY Condition: PEAK(UNII) 3m HF_9120D_02360_251105 VERTICAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 6906.00 51.99 68.20 -16.21 38.94 35.90 15.03 37.88 0.00 100 348 Peak 2 8057.00 54.75 74.00 -19.25 39.33 37.20 16.40 38.93 0.75 100 302 Peak 3 8057.00 44.81 54.00 -9.19 29.39 37.20 16.40 38.93 0.75 100 302 Average 4 11510.00 52.87 74.00 -21.13 36.20 39.16 19.46 42.41 0.46 200 257 Peak 5 11510.00 41.30 54.00 -12.70 24.63 39.16 19.46 42.41 0.46 200 257 Average 6 17265.00 52.73 68.20 -15.47 34.47 38.40 24.18 44.80 0.48 -- -- Peak

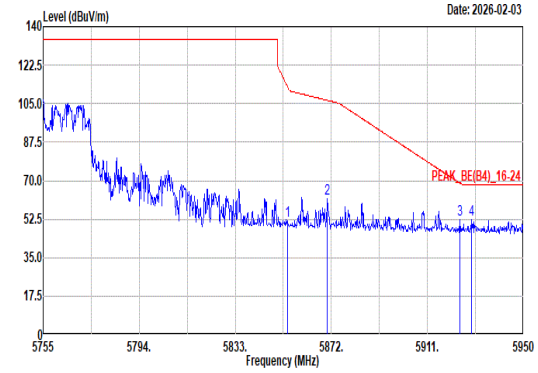
Mode	59	
	Harmonic	
	U-NII-3_5.725-5.85_802.11ax HE40_CH151_Full RU_5755MHz	
ANT	6+7	
Pol.	Horizontal	Vertical
10G ~18G Avg	 Site : 03CH20-HY Condition: AVG_54 3m HF_9120D_02360_251105 HORIZONTAL	 Site : 03CH20-HY Condition: AVG_54 3m HF_9120D_02360_251105 VERTICAL

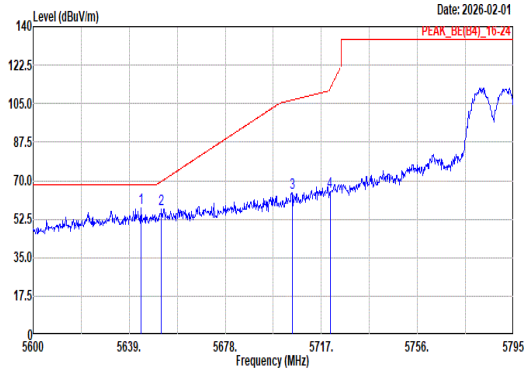
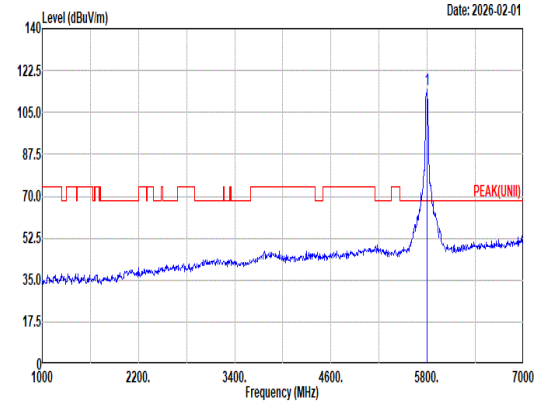
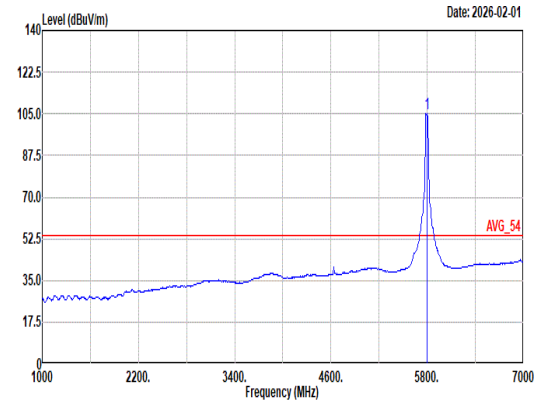
Mode	60
	Band Edge - L
	U-NII-3_5.725-5.85_802.11ax HE40_CH151_Partial_242/61RU_5755MHz
ANT	6+7

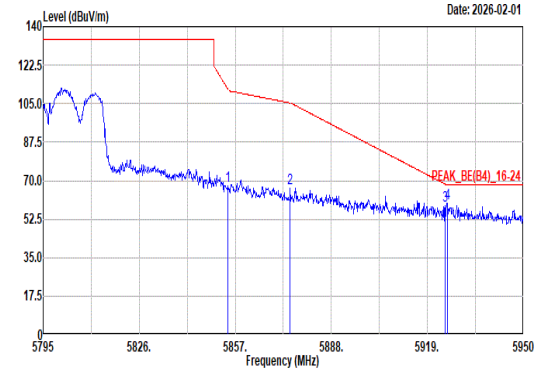
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition: PEAK_BE(B4)_16-24 3m HF_9120D_02360_251105 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5648.67 62.78 68.20 -5.42 54.04 33.09 13.44 37.79 0.00 199 344 Peak 2 5652.08 65.01 69.75 -4.74 56.23 33.12 13.45 37.79 0.00 199 344 Peak 3 5702.92 76.21 106.02 -29.81 66.88 33.61 13.51 37.79 0.00 199 344 Peak 4 5722.14 80.30 115.68 -35.38 70.86 33.69 13.54 37.79 0.00 199 344 Peak	 Site : 03CH20-HY Condition: PEAK(UNII) 3m HF_9120D_02360_251105 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5755.00 111.68 ------ ------ 102.15 33.76 13.56 37.79 0.00 199 344 Peak
Avg	Blank	 Site : 03CH20-HY Condition: AVG_54 3m HF_9120D_02360_251105 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5755.00 105.55 ------ ------ 96.02 33.76 13.56 37.79 0.00 199 344 Average

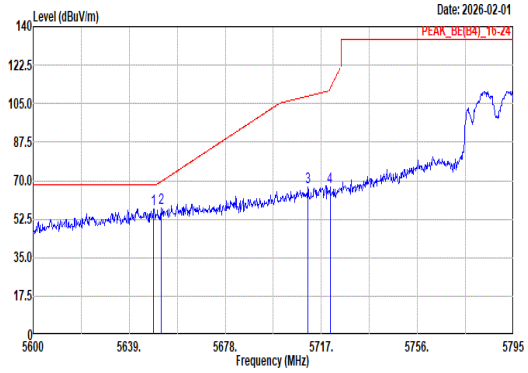
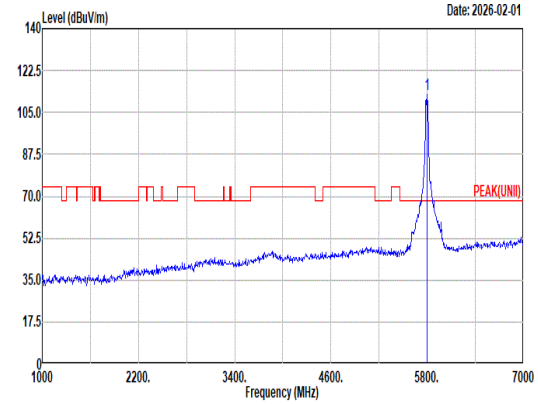
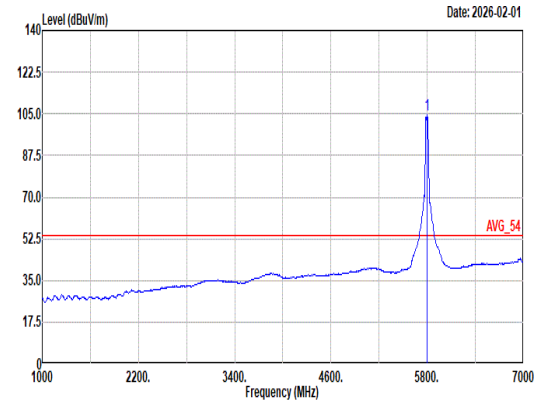
Mode	60	
	Band Edge - R	
	U-NII-3_5.725-5.85_802.11ax HE40_CH151_Partial_242/61RU_5755MHz	
ANT	6+7	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition: PEAK_BE(B4)_16-24 3m HF_9120D_02360_251105 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5851.72 59.83 118.28 -58.45 49.67 34.20 13.74 37.78 0.00 199 344 Peak 2 5873.37 61.24 105.66 -44.42 50.98 34.25 13.79 37.78 0.00 199 344 Peak 3 5921.73 51.95 70.61 -18.66 41.59 34.26 13.88 37.78 0.00 199 344 Peak 4 5942.59 51.73 68.20 -16.47 41.37 34.21 13.93 37.78 0.00 199 344 Peak	Blank

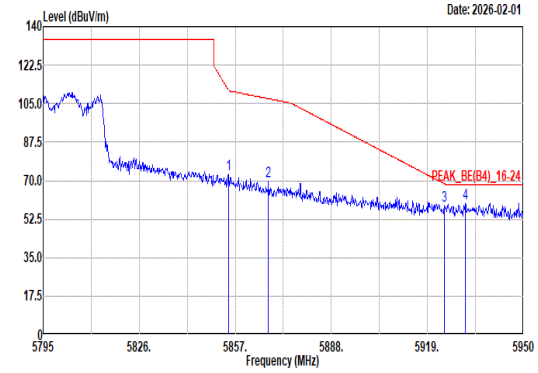
Mode	60	
	Band Edge - L	
	U-NII-3_5.725-5.85_802.11ax HE40_CH151_Partial_242/61RU_5755MHz	
ANT	6+7	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH20-HY Condition: PEAK_BE(B4)_16-24 3m HF_9120D_02360_251105 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5644.80 62.39 68.20 -5.81 53.66 33.08 13.44 37.79 0.00 101 303 Peak 2 5654.25 62.64 71.36 -8.72 53.84 33.14 13.45 37.79 0.00 101 303 Peak 3 5709.90 78.53 107.97 -29.44 69.16 33.64 13.52 37.79 0.00 101 303 Peak 4 5721.68 77.16 114.62 -37.46 67.72 33.69 13.54 37.79 0.00 101 303 Peak	 Site : 03CH20-HY Condition: PEAK(UNII) 3m HF_9120D_02360_251105 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5755.00 113.30 ------ ------ 103.74 33.78 13.57 37.79 0.00 101 303 Peak
Avg	Blank	 Site : 03CH20-HY Condition: AVG_54 3m HF_9120D_02360_251105 VERTICAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5755.00 105.85 ------ ------ 96.29 33.78 13.57 37.79 0.00 101 303 Average

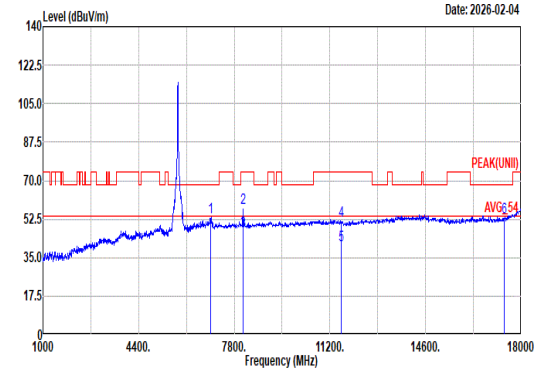
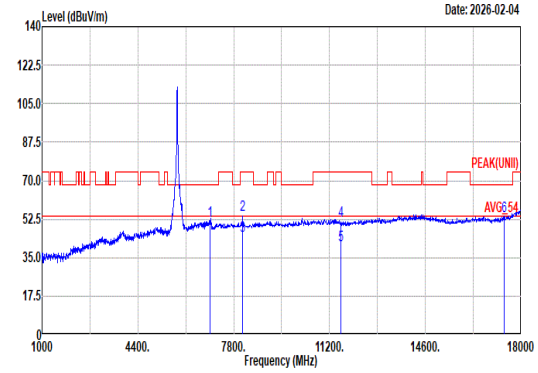
Mode	60	
	Band Edge - R	
	U-NII-3_5.725-5.85_802.11ax HE40_CH151_Partial_242/61RU_5755MHz	
ANT	6+7	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH20-HY Condition: PEAK_BE(B4)_16-24 3m HF_9120D_02360_251105 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5854.26 51.55 112.50 -60.95 41.37 34.21 13.75 37.78 0.00 101 303 Peak 2 5870.44 61.65 106.48 -44.83 51.41 34.24 13.78 37.78 0.00 101 303 Peak 3 5924.07 52.47 68.89 -16.42 42.11 34.25 13.89 37.78 0.00 101 303 Peak 4 5928.94 52.32 68.20 -15.88 41.96 34.24 13.90 37.78 0.00 101 303 Peak	Blank

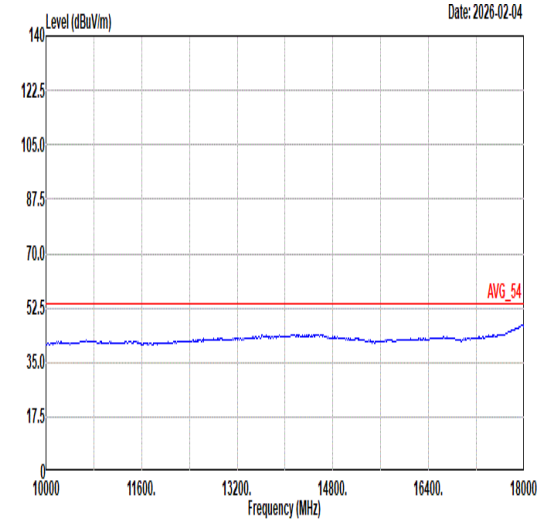
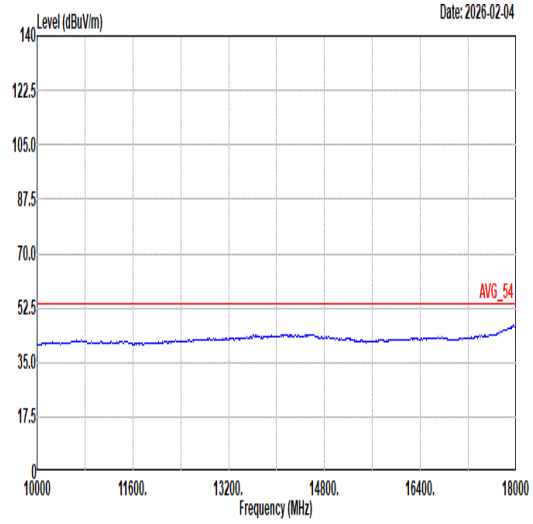
Mode	61	
	Band Edge - L	
	U-NII-3_5.725-5.85_802.11ax HE40_CH159_Full RU_5795MHz	
ANT	6+7	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition: PEAK_BE(B4)_16-24 3m HF_9120D_02360_251105 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5643.68 57.75 68.20 -10.45 49.03 33.07 13.44 37.79 0.00 304 330 Peak 2 5652.07 56.80 69.73 -12.93 48.02 33.12 13.45 37.79 0.00 304 330 Peak 3 5705.30 64.62 106.69 -42.07 55.27 33.62 13.52 37.79 0.00 304 330 Peak 4 5720.51 65.20 111.96 -46.76 55.77 33.68 13.54 37.79 0.00 304 330 Peak	 Site : 03CH20-HY Condition: PEAK(UNII) 3m HF_9120D_02360_251105 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5795.00 114.42 ------ ------ 104.51 34.06 13.63 37.78 0.00 304 330 Peak
Avg	Blank	 Site : 03CH20-HY Condition: AVG_54 3m HF_9120D_02360_251105 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5795.00 105.36 ------ ------ 95.53 33.99 13.62 37.78 0.00 304 330 Average

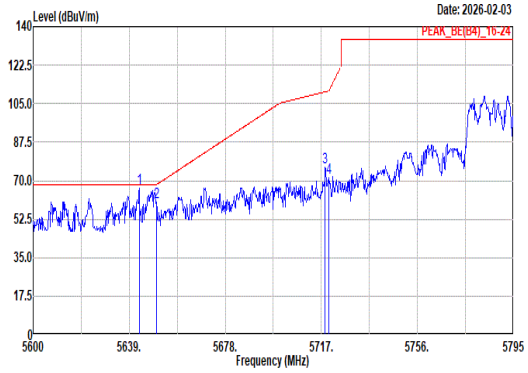
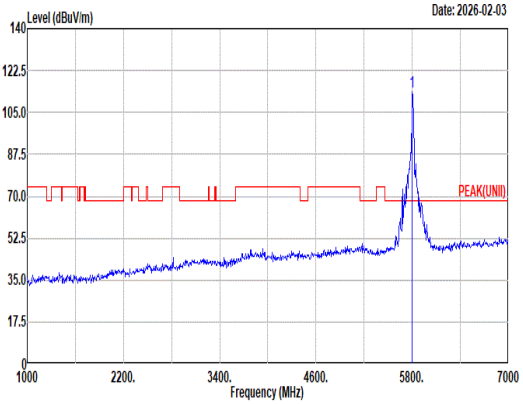
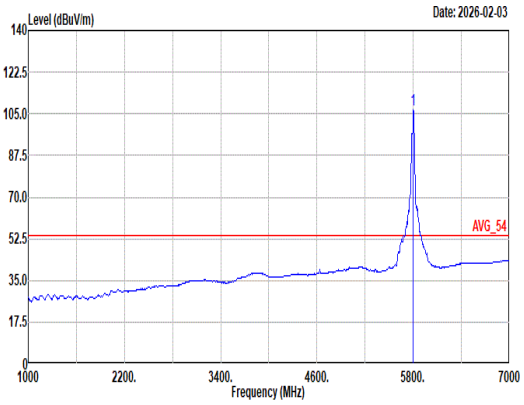
Mode	61	
	Band Edge - R	
	U-NII-3_5.725-5.85_802.11ax HE40_CH159_Full RU_5795MHz	
ANT	6+7	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition: PEAK_BE(B4)_16-24 3m HF_9120D_02360_251105 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5854.68 67.84 111.54 -43.70 57.66 34.21 13.75 37.78 0.00 304 330 Peak 2 5874.67 66.55 105.29 -38.74 56.29 34.25 13.79 37.78 0.00 304 330 Peak 3 5924.74 58.50 68.40 -9.90 48.14 34.25 13.89 37.78 0.00 304 330 Peak 4 5925.36 59.86 68.20 -8.34 49.50 34.25 13.89 37.78 0.00 304 330 Peak	Blank

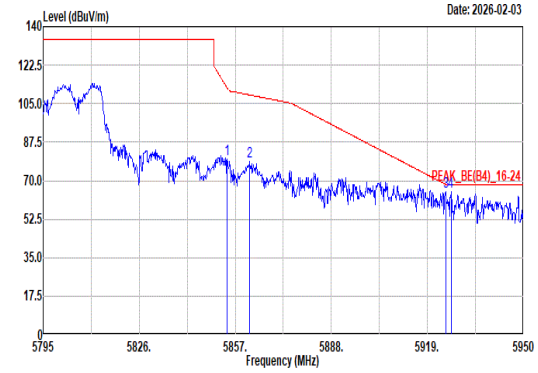
Mode	61	
	Band Edge - L	
	U-NII-3_5.725-5.85_802.11ax HE40_CH159_Full RU_5795MHz	
ANT	6+7	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH20-HY Condition: PEAK_BE(B4)_16-24 3m HF_9120D_02360_251105 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5648.95 57.09 68.20 -11.11 48.34 33.10 13.44 37.79 0.00 100 349 Peak 2 5651.87 57.46 69.59 -12.13 48.68 33.12 13.45 37.79 0.00 100 349 Peak 3 5711.54 67.14 108.43 -41.29 57.75 33.65 13.53 37.79 0.00 100 349 Peak 4 5720.51 66.90 111.96 -45.06 57.47 33.68 13.54 37.79 0.00 100 349 Peak	 Site : 03CH20-HY Condition: PEAK(UNII) 3m HF_9120D_02360_251105 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5795.00 112.55 ------ ------ 102.64 34.06 13.63 37.78 0.00 100 349 Peak
Avg	Blank	 Site : 03CH20-HY Condition: AVG_54 3m HF_9120D_02360_251105 VERTICAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5795.00 104.50 ------ ------ 94.59 34.06 13.63 37.78 0.00 100 349 Average

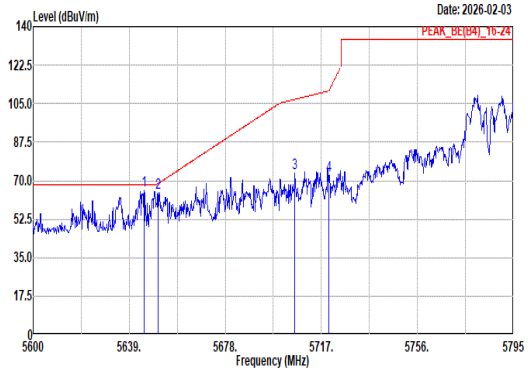
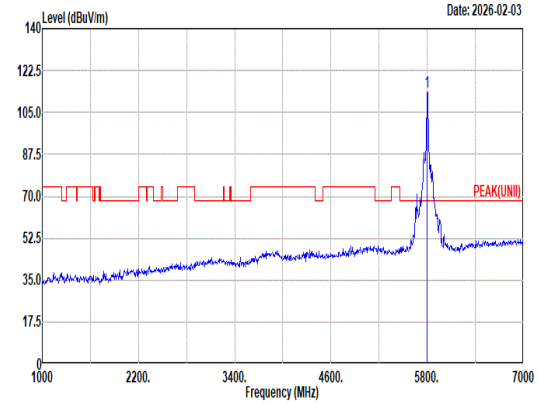
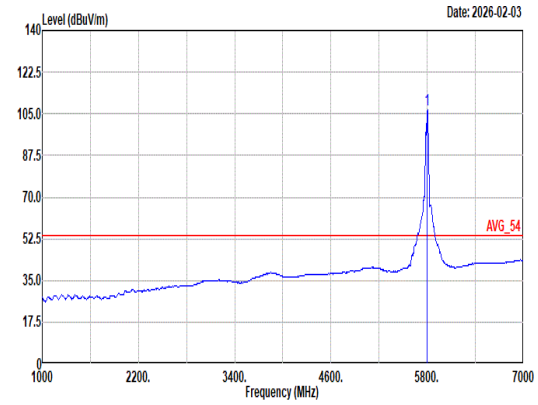
Mode	61	
	Band Edge - R	
	U-NII-3_5.725-5.85_802.11ax HE40_CH159_Full RU_5795MHz	
ANT	6+7	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH20-HY Condition: PEAK_BE(B4)_16-24 3m HF_9120D_02360_251105 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5854.83 72.65 111.19 -38.54 62.47 34.21 13.75 37.78 0.00 100 349 Peak 2 5867.70 69.90 107.24 -37.34 59.66 34.24 13.78 37.78 0.00 100 349 Peak 3 5924.58 58.54 68.51 -9.97 48.18 34.25 13.89 37.78 0.00 100 349 Peak 4 5931.25 59.69 68.20 -8.51 49.33 34.24 13.90 37.78 0.00 100 349 Peak	Blank

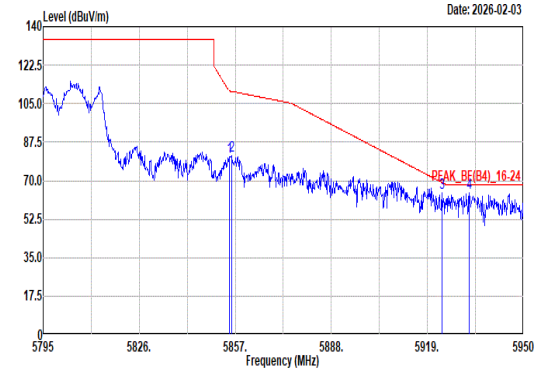
Mode	61	
	Harmonic	
	U-NII-3_5.725-5.85_802.11ax HE40_CH159_Full RU_5795MHz	
ANT	6+7	
Pol.	Horizontal	Vertical
Peak Avg	 Site : 03CH20-HY Condition: PEAK(UNII) 3m HF_9120D_02360_251105 HORIZONTAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 6954.00 53.61 68.20 -14.59 40.52 35.90 15.08 37.89 0.00 100 10 Peak 2 8113.00 57.36 74.00 -16.64 42.02 37.20 16.39 38.99 0.74 100 334 Peak 3 8113.00 47.12 54.00 -6.88 31.78 37.20 16.39 38.99 0.74 100 334 Average 4 11590.00 51.97 74.00 -22.03 35.65 38.84 19.53 42.51 0.46 200 255 Peak 5 11590.00 40.66 54.00 -13.34 24.34 38.84 19.53 42.51 0.46 200 255 Average 6 17385.00 53.16 68.20 -15.04 34.67 38.64 24.28 44.92 0.49 -- -- Peak	 Site : 03CH20-HY Condition: PEAK(UNII) 3m HF_9120D_02360_251105 VERTICAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 6954.00 51.77 68.20 -16.43 38.68 35.90 15.08 37.89 0.00 100 90 Peak 2 8113.00 54.60 74.00 -19.40 39.26 37.20 16.39 38.99 0.74 100 299 Peak 3 8113.00 44.72 54.00 -9.28 29.38 37.20 16.39 38.99 0.74 100 299 Average 4 11590.00 51.55 74.00 -22.45 35.23 38.84 19.53 42.51 0.46 300 174 Peak 5 11590.00 40.68 54.00 -13.32 24.36 38.84 19.53 42.51 0.46 300 174 Average 6 17385.00 53.92 68.20 -14.28 35.43 38.64 24.28 44.92 0.49 -- -- Peak

Mode	61	
	Harmonic	
	U-NII-3_5.725-5.85_802.11ax HE40_CH159_Full RU_5795MHz	
ANT	6+7	
Pol.	Horizontal	Vertical
10G ~18G Avg	 Site : 03CH20-HY Condition: AVG_54 3m HF_9120D_02360_251105 HORIZONTAL	 Site : 03CH20-HY Condition: AVG_54 3m HF_9120D_02360_251105 VERTICAL

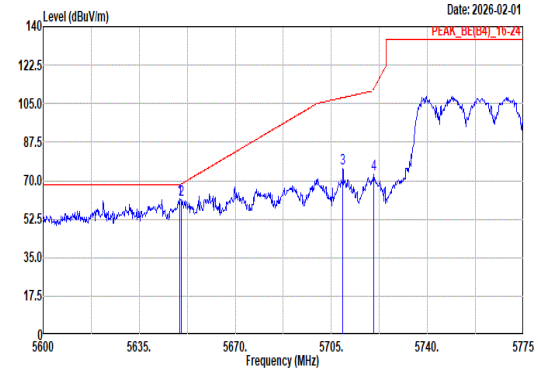
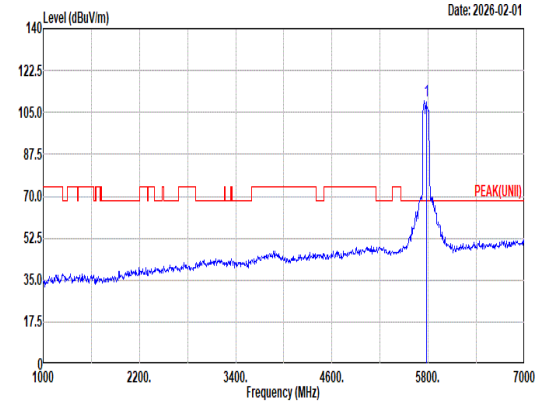
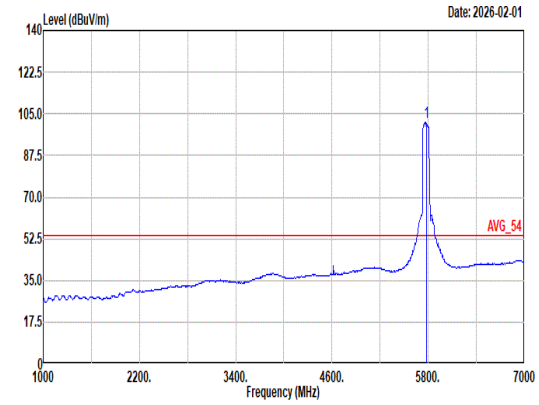
Mode	62	
	Band Edge - L	
	U-NII-3_5.725-5.85_802.11ax HE40_CH159_Partial_242/62RU_5795MHz	
ANT	6+7	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition: PEAK_BE(B4)_16-24 3m HF_9120D_02360_251105 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5643.10 66.58 68.20 -1.62 57.86 33.07 13.44 37.79 0.00 300 340 Peak 2 5650.12 60.26 68.29 -8.03 51.50 33.10 13.45 37.79 0.00 300 340 Peak 3 5718.56 75.89 110.40 -34.51 66.48 33.67 13.53 37.79 0.00 300 340 Peak 4 5720.12 71.44 111.07 -39.63 62.01 33.68 13.54 37.79 0.00 300 340 Peak	 Site : 03CH20-HY Condition: PEAK(UNII) 3m HF_9120D_02360_251105 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5795.00 113.48 ------ ------ 103.52 34.10 13.64 37.78 0.00 300 340 Peak
Avg	Blank	 Site : 03CH20-HY Condition: AVG_54 3m HF_9120D_02360_251105 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5795.00 106.69 ------ ------ 96.73 34.10 13.64 37.78 0.00 300 340 Average

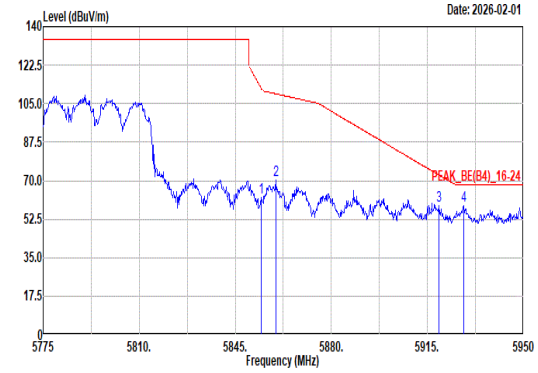
Mode	62	
	Band Edge - R	
	U-NII-3_5.725-5.85_802.11ax HE40_CH159_Partial_242/62RU_5795MHz	
ANT	6+7	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition: PEAK_BE(B4)_16-24 3m HF_9120D_02360_251105 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5854.37 79.68 112.25 -32.57 69.50 34.21 13.75 37.78 0.00 300 340 Peak 2 5861.65 78.51 108.94 -30.43 68.31 34.22 13.76 37.78 0.00 300 340 Peak 3 5924.89 65.00 68.28 -3.28 54.64 34.25 13.89 37.78 0.00 300 340 Peak 4 5926.60 65.18 68.20 -3.02 54.82 34.25 13.89 37.78 0.00 300 340 Peak	Blank

Mode	62	
	Band Edge - L	
	U-NII-3_5.725-5.85_802.11ax HE40_CH159_Partial_242/62RU_5795MHz	
ANT	6+7	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH20-HY Condition: PEAK_BE(B4)_16-24 3m HF_9120D_02360_251105 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark 1 5645.05 65.26 68.20 -2.94 56.53 33.08 13.44 37.79 0.00 100 300 Peak 2 5650.70 64.39 68.72 -4.33 55.62 33.11 13.45 37.79 0.00 100 300 Peak 3 5706.28 73.22 106.96 -33.74 63.86 33.63 13.52 37.79 0.00 100 300 Peak 4 5720.12 72.21 111.07 -38.86 62.78 33.68 13.54 37.79 0.00 100 300 Peak	 Site : 03CH20-HY Condition: PEAK(UNII) 3m HF_9120D_02360_251105 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark 1 5795.00 113.46 ------ ------ 103.48 34.11 13.65 37.78 0.00 100 300 Peak
Avg	Blank	 Site : 03CH20-HY Condition: AVG_54 3m HF_9120D_02360_251105 VERTICAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark 1 5795.00 106.86 ------ ------ 96.88 34.11 13.65 37.78 0.00 100 300 Average

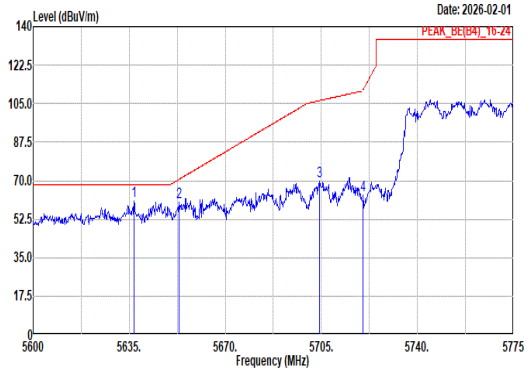
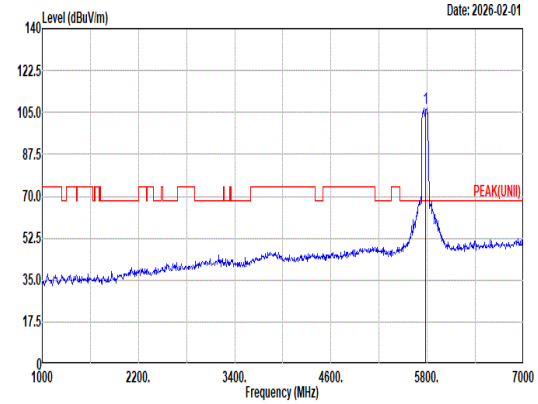
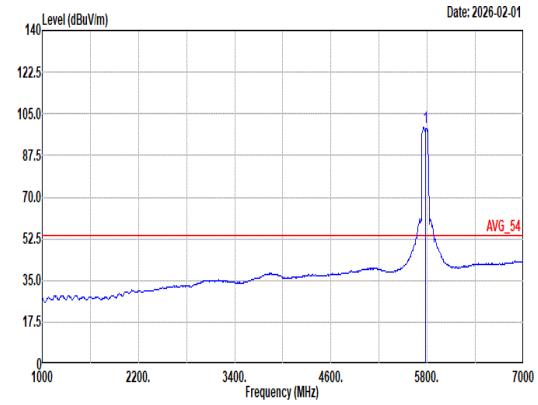
Mode	62	
	Band Edge - R	
	U-NII-3_5.725-5.85_802.11ax HE40_CH159_Partial_242/62RU_5795MHz	
ANT	6+7	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH20-HY Condition: PEAK_BE(B4)_16-24 3m HF_9120D_02360_251105 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5854.99 80.84 110.83 -29.99 70.66 34.21 13.75 37.78 0.00 100 300 Peak 2 5855.92 81.27 110.54 -29.27 71.09 34.21 13.75 37.78 0.00 100 300 Peak 3 5923.81 64.54 69.08 -4.54 54.18 34.25 13.89 37.78 0.00 100 300 Peak 4 5932.49 64.21 68.20 -3.99 53.85 34.24 13.90 37.78 0.00 100 300 Peak	Blank

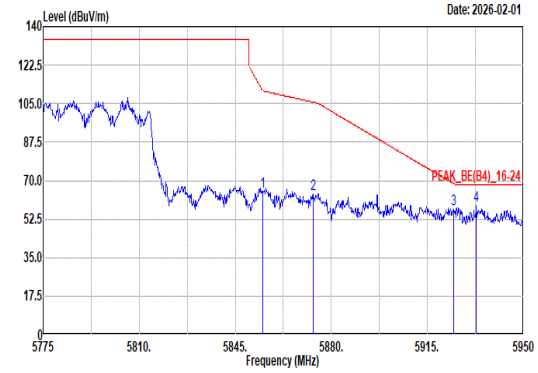
Mode	63
	Band Edge - L
	U-NII-3_5.725-5.85_802.11ax HE80_CH155_Full RU_5775MHz
ANT	6+7

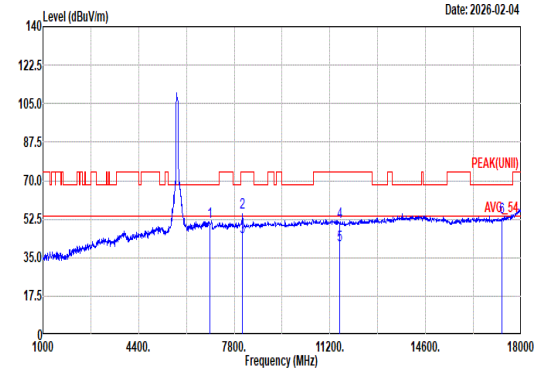
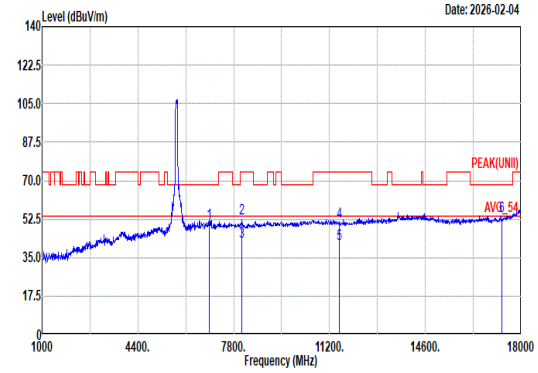
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition: PEAK_BE(B4)_16-24 3m HF_9120D_02360_251105 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5649.70 61.71 68.20 -6.49 52.96 33.10 13.44 37.79 0.00 100 355 Peak 2 5650.23 61.47 68.37 -6.90 52.71 33.10 13.45 37.79 0.00 100 355 Peak 3 5709.20 75.62 107.78 -32.16 66.25 33.64 13.52 37.79 0.00 100 355 Peak 4 5720.58 72.91 112.11 -39.20 63.48 33.68 13.54 37.79 0.00 100 355 Peak	 Site : 03CH20-HY Condition: PEAK(UNII) 3m HF_9120D_02360_251105 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5775.00 109.63 ------ ------ 100.02 33.81 13.58 37.78 0.00 100 355 Peak
Avg	Blank	 Site : 03CH20-HY Condition: AVG_54 3m HF_9120D_02360_251105 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5775.00 101.35 ------ ------ 91.61 33.92 13.60 37.78 0.00 100 355 Average

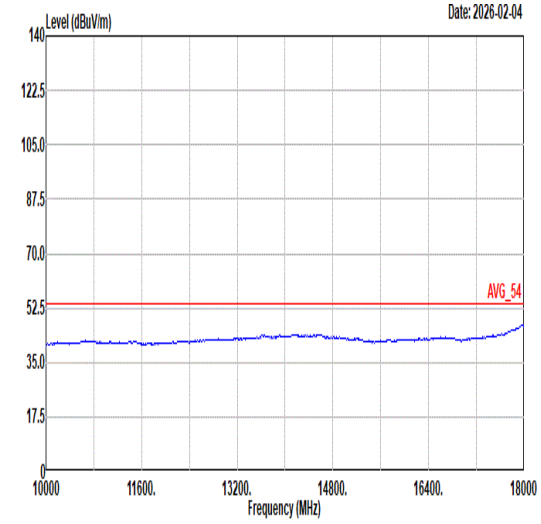
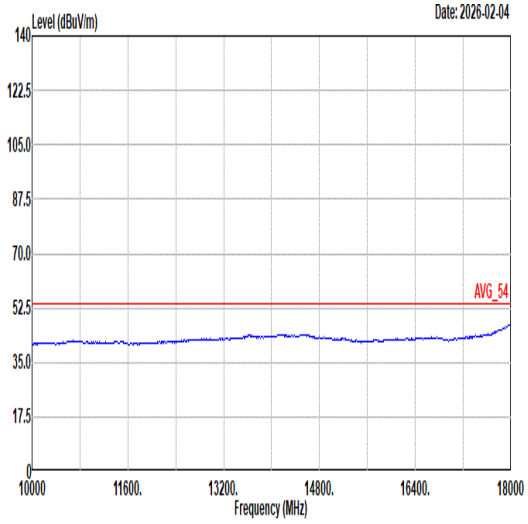
Mode	63	
	Band Edge - R	
	U-NII-3_5.725-5.85_802.11ax HE80_CH155_Full RU_5775MHz	
ANT	6+7	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition: PEAK_BE(B4)_16-24 3m HF_9120D_02360_251105 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5854.45 62.13 112.05 -49.92 51.95 34.21 13.75 37.78 0.00 100 355 Peak 2 5859.70 70.13 109.48 -39.35 59.93 34.22 13.76 37.78 0.00 100 355 Peak 3 5919.20 58.74 72.48 -13.74 48.38 34.26 13.88 37.78 0.00 100 355 Peak 4 5928.13 58.61 68.20 -9.59 48.25 34.24 13.90 37.78 0.00 100 355 Peak	Blank

Mode	63
	Band Edge - L
	U-NII-3_5.725-5.85_802.11ax HE80_CH155_Full RU_5775MHz
ANT	6+7

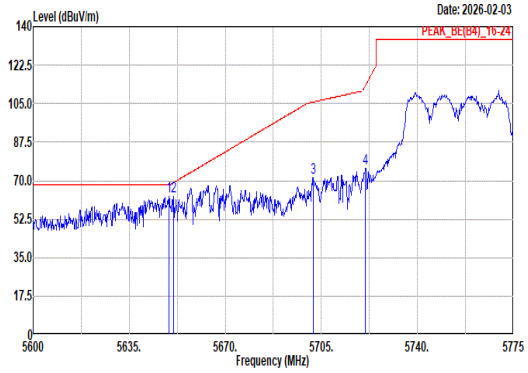
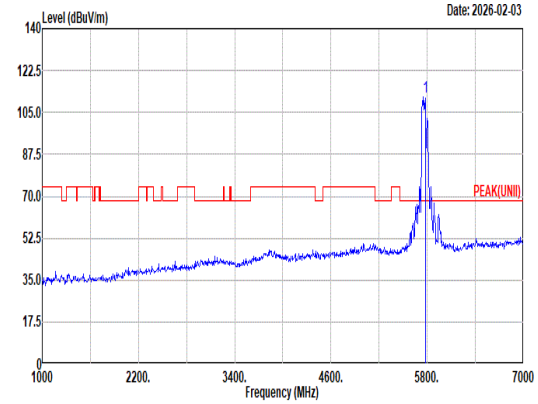
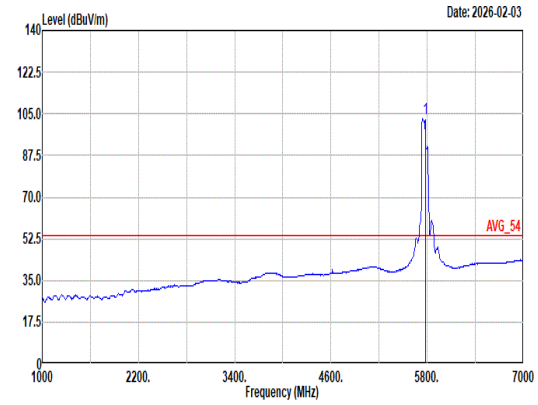
Pol.	Vertical	Fundamental
Peak	 Site : 03CH20-HY Condition: PEAK_BE(B4)_16-24 3m HF_9120D_02360_251105 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5636.75 60.73 68.20 -7.47 52.04 33.05 13.43 37.79 0.00 100 285 Peak 2 5653.03 60.11 70.45 -10.34 51.32 33.13 13.45 37.79 0.00 100 285 Peak 3 5704.30 69.60 106.41 -36.81 60.25 33.62 13.52 37.79 0.00 100 285 Peak 4 5720.23 63.16 111.31 -48.15 53.73 33.68 13.54 37.79 0.00 100 285 Peak	 Site : 03CH20-HY Condition: PEAK(UNII) 3m HF_9120D_02360_251105 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5775.00 106.86 ------ ------ 97.17 33.88 13.59 37.78 0.00 100 285 Peak
Avg	Blank	 Site : 03CH20-HY Condition: AVG_54 3m HF_9120D_02360_251105 VERTICAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5775.00 99.28 ------ ------ 89.59 33.88 13.59 37.78 0.00 100 285 Average

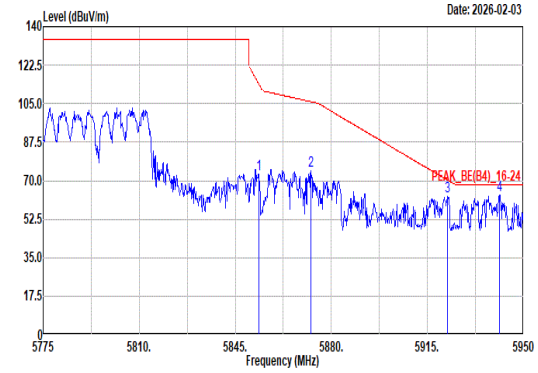
Mode	63	
	Band Edge - R	
	U-NII-3_5.725-5.85_802.11ax HE80_CH155_Full RU_5775MHz	
ANT	6+7	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH20-HY Condition: PEAK_BE(B4)_16-24 3m HF_9120D_02360_251105 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5854.98 65.14 110.86 -45.72 54.96 34.21 13.75 37.78 0.00 100 285 Peak 2 5873.35 63.98 105.66 -41.68 53.72 34.25 13.79 37.78 0.00 100 285 Peak 3 5924.45 56.90 68.61 -11.71 46.54 34.25 13.89 37.78 0.00 100 285 Peak 4 5932.85 58.88 68.20 -9.32 48.52 34.23 13.91 37.78 0.00 100 285 Peak	Blank

Mode	63	
	Harmonic	
	U-NII-3_5.725-5.85_802.11ax HE80_CH155_Full RU_5775MHz	
ANT	6+7	
Pol.	Horizontal	Vertical
Peak Avg	 Site : 03CH20-HY Condition: PEAK(UNII) 3m HF_9120D_02360_251105 HORIZONTAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 6928.00 51.38 68.20 -16.82 38.31 35.90 15.05 37.88 0.00 100 19 Peak 2 8085.00 55.68 74.00 -18.32 40.31 37.20 16.39 38.96 0.74 100 326 Peak 3 8085.00 44.62 54.00 -9.38 29.25 37.20 16.39 38.96 0.74 100 326 Average 4 11550.00 51.51 74.00 -22.49 35.01 39.00 19.50 42.46 0.46 200 157 Peak 5 11550.00 40.93 54.00 -13.07 24.43 39.00 19.50 42.46 0.46 200 157 Average 6 17325.00 53.27 68.20 -14.93 34.97 38.45 24.23 44.86 0.48 -- -- Peak	 Site : 03CH20-HY Condition: PEAK(UNII) 3m HF_9120D_02360_251105 VERTICAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 6930.00 50.92 68.20 -17.28 37.85 35.90 15.05 37.88 0.00 100 11 Peak 2 8085.00 52.58 74.00 -21.42 37.21 37.20 16.39 38.96 0.74 100 301 Peak 3 8085.00 42.33 54.00 -11.67 26.96 37.20 16.39 38.96 0.74 100 301 Average 4 11550.00 51.27 74.00 -22.73 34.77 39.00 19.50 42.46 0.46 100 155 Peak 5 11550.00 40.96 54.00 -13.04 24.46 39.00 19.50 42.46 0.46 100 155 Average 6 17325.00 54.15 68.20 -14.05 35.85 38.45 24.23 44.86 0.48 -- -- Peak

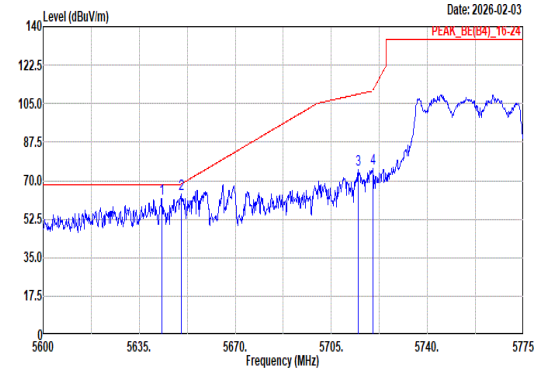
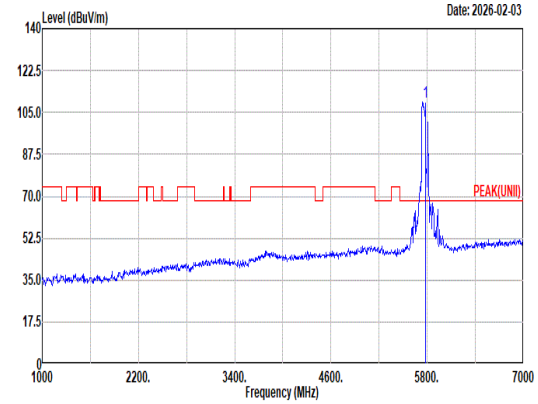
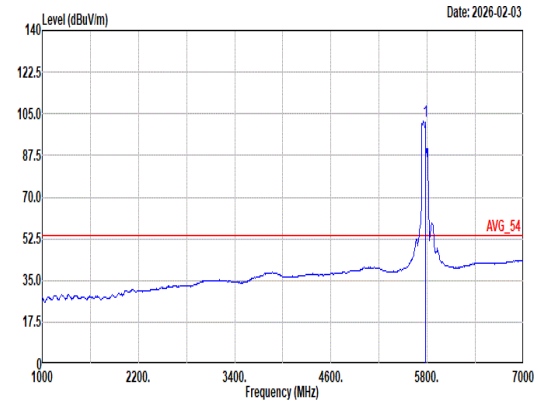
Mode	63	
	Harmonic	
	U-NII-3_5.725-5.85_802.11ax HE80_CH155_Full RU_5775MHz	
ANT	6+7	
Pol.	Horizontal	Vertical
10G ~18G Avg	 Site : 03CH20-HY Condition: AVG_54 3m HF_9120D_02360_251105 HORIZONTAL	 Site : 03CH20-HY Condition: AVG_54 3m HF_9120D_02360_251105 VERTICAL

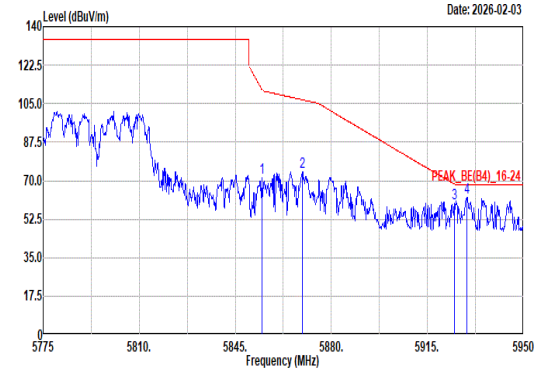
Mode	64
	Band Edge - L
	U-NII-3_5.725-5.85_802.11ax HE80_CH155_Partial_484/65RU _5775MHz
ANT	6+7

Pol.	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition: PEAK_BE(B4)_16-24 3m HF_9120D_02360_251105 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5649.35 62.99 68.20 -5.21 54.24 33.10 13.44 37.79 0.00 101 348 Peak 2 5651.10 63.06 69.02 -5.96 54.29 33.11 13.45 37.79 0.00 101 348 Peak 3 5702.03 71.47 105.77 -34.30 62.14 33.61 13.51 37.79 0.00 101 348 Peak 4 5721.10 75.65 113.31 -37.66 66.22 33.68 13.54 37.79 0.00 101 348 Peak	 Site : 03CH20-HY Condition: PEAK(UNII) 3m HF_9120D_02360_251105 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5775.00 111.43 ------ ------ 101.82 33.81 13.58 37.78 0.00 101 348 Peak
Avg	Blank	 Site : 03CH20-HY Condition: AVG_54 3m HF_9120D_02360_251105 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5775.00 103.04 ------ ------ 93.51 33.76 13.56 37.79 0.00 101 348 Average

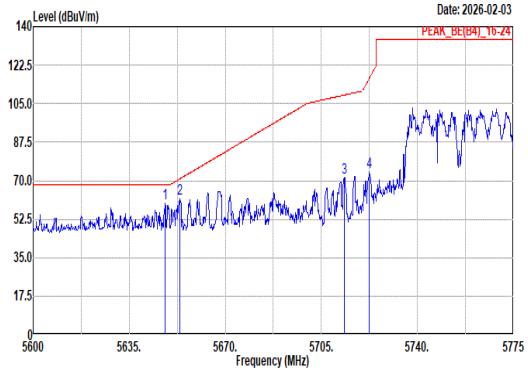
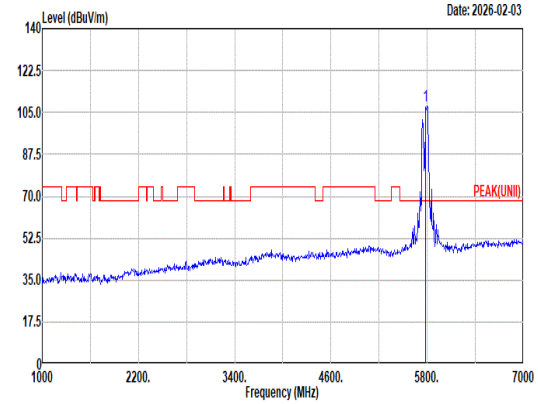
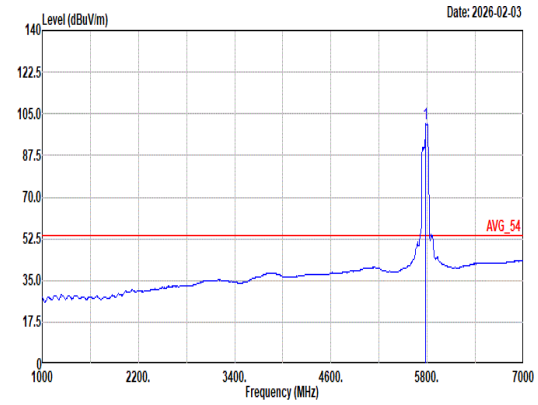
Mode	64	
	Band Edge - R	
	U-NII-3_5.725-5.85_802.11ax HE80_CH155_Partial_484/65RU _5775MHz	
ANT	6+7	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition: PEAK_BE(B4)_16-24 3m HF_9120D_02360_251105 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5853.58 72.94 114.05 -41.11 62.76 34.21 13.75 37.78 0.00 101 348 Peak 2 5872.48 74.51 105.91 -31.40 64.27 34.24 13.78 37.78 0.00 101 348 Peak 3 5922.35 62.80 70.15 -7.35 52.44 34.26 13.88 37.78 0.00 101 348 Peak 4 5941.25 63.22 68.20 -4.98 52.86 34.22 13.92 37.78 0.00 101 348 Peak	Blank

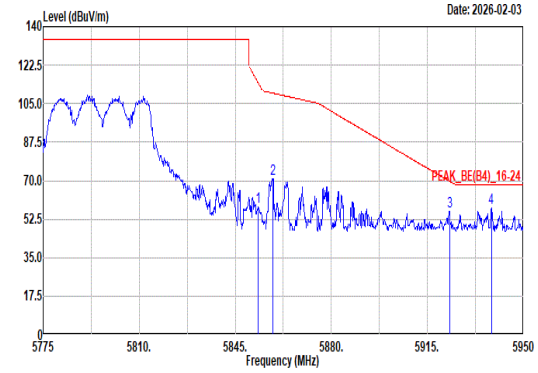
Mode	64
	Band Edge - L
	U-NII-3_5.725-5.85_802.11ax HE80_CH155_Partial_484/65RU _5775MHz
ANT	6+7

Pol.	Vertical	Fundamental
Peak	 Site : 03CH20-HY Condition: PEAK_BE(B4)_16-24 3m HF_9120D_02360_251105 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5643.23 62.00 68.20 -6.20 53.28 33.07 13.44 37.79 0.00 101 300 Peak 2 5650.23 63.75 68.37 -4.62 54.99 33.10 13.45 37.79 0.00 101 300 Peak 3 5714.80 74.76 109.35 -34.59 65.36 33.66 13.53 37.79 0.00 101 300 Peak 4 5720.05 75.30 110.91 -35.61 65.87 33.68 13.54 37.79 0.00 101 300 Peak	 Site : 03CH20-HY Condition: PEAK(UNII) 3m HF_9120D_02360_251105 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5775.00 109.37 ------ ------ 99.84 33.76 13.56 37.79 0.00 101 300 Peak
Avg	Blank	 Site : 03CH20-HY Condition: AVG_54 3m HF_9120D_02360_251105 VERTICAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5775.00 102.08 ------ ------ 92.52 33.78 13.57 37.79 0.00 101 300 Average

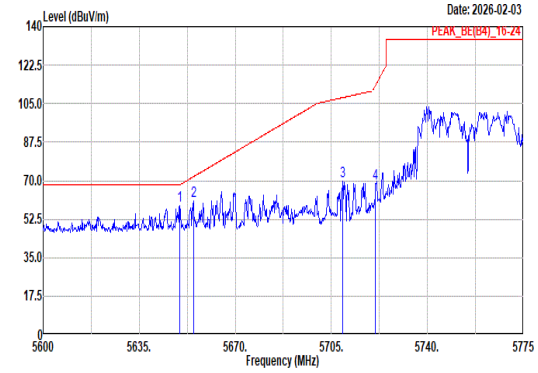
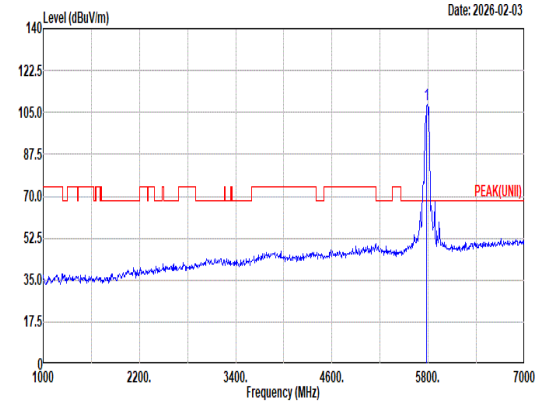
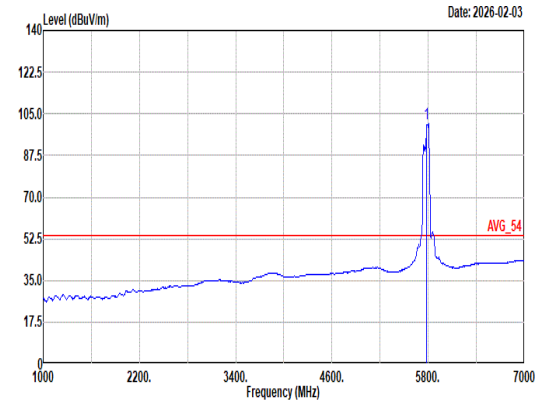
Mode	64	
	Band Edge - R	
	U-NII-3_5.725-5.85_802.11ax HE80_CH155_Partial_484/65RU _5775MHz	
ANT	6+7	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH20-HY Condition: PEAK_BE(B4)_16-24 3m HF_9120D_02360_251105 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5854.80 71.25 111.26 -40.01 61.07 34.21 13.75 37.78 0.00 101 300 Peak 2 5869.50 74.09 106.74 -32.65 63.85 34.24 13.78 37.78 0.00 101 300 Peak 3 5924.80 59.73 68.35 -8.62 49.37 34.25 13.89 37.78 0.00 101 300 Peak 4 5929.35 62.51 68.20 -5.69 52.15 34.24 13.90 37.78 0.00 101 300 Peak	Blank

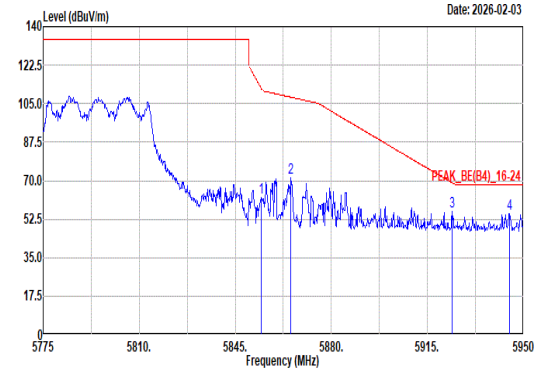
Mode	65
	Band Edge - L
	U-NII-3_5.725-5.85_802.11ax HE80_CH155_Partial_484/66RU _5775MHz
ANT	6+7

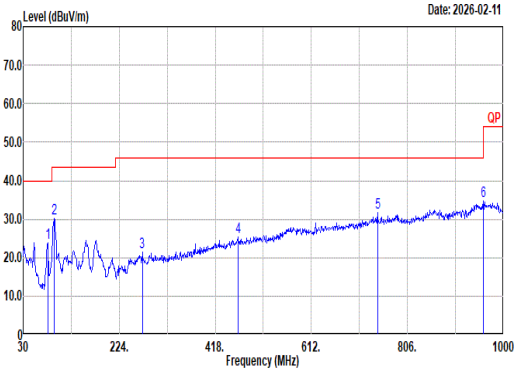
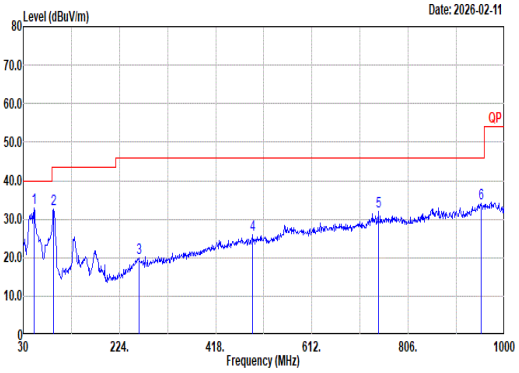
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition: PEAK_BE(B4)_16-24 3m HF_9120D_02360_251105 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5648.13 59.51 68.20 -8.69 50.77 33.09 13.44 37.79 0.00 300 339 Peak 2 5653.38 62.05 70.71 -8.66 53.26 33.13 13.45 37.79 0.00 300 339 Peak 3 5713.40 71.50 108.95 -37.45 62.11 33.65 13.53 37.79 0.00 300 339 Peak 4 5722.50 73.81 116.50 -42.69 64.37 33.69 13.54 37.79 0.00 300 339 Peak	 Site : 03CH20-HY Condition: PEAK(UNII) 3m HF_9120D_02360_251105 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5775.00 107.80 ------ ------ 97.84 34.10 13.64 37.78 0.00 300 339 Peak
Avg	Blank	 Site : 03CH20-HY Condition: AVG_54 3m HF_9120D_02360_251105 HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5775.00 100.76 ------ ------ 90.85 34.06 13.63 37.78 0.00 300 339 Average

Mode	65	
	Band Edge - R	
	U-NII-3_5.725-5.85_802.11ax HE80_CH155_Partial_484/66RU _5775MHz	
ANT	6+7	
Pol.	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition: PEAK_BE(B4)_16-24 3m HF_9120D_02360_251105 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5853.40 58.08 114.45 -56.37 47.90 34.21 13.75 37.78 0.00 300 339 Peak 2 5858.65 70.80 109.78 -38.98 60.60 34.22 13.76 37.78 0.00 300 339 Peak 3 5923.05 56.01 69.64 -13.63 45.65 34.25 13.89 37.78 0.00 300 339 Peak 4 5938.28 57.49 68.20 -10.71 47.13 34.22 13.92 37.78 0.00 300 339 Peak	Blank

Mode	65
	Band Edge - L
	U-NII-3_5.725-5.85_802.11ax HE80_CH155_Partial_484/66RU _5775MHz
ANT	6+7

Pol.	Vertical	Fundamental
Peak	 Site : 03CH20-HY Condition: PEAK_BE(B4)_16-24 3m HF_9120D_02360_251105 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5649.88 58.60 68.20 -9.60 49.85 33.10 13.44 37.79 0.00 100 303 Peak 2 5654.78 60.93 71.75 -10.82 52.12 33.15 13.45 37.79 0.00 100 303 Peak 3 5709.20 69.55 107.78 -38.23 60.18 33.64 13.52 37.79 0.00 100 303 Peak 4 5721.10 68.78 113.31 -44.53 59.35 33.68 13.54 37.79 0.00 100 303 Peak	 Site : 03CH20-HY Condition: PEAK(UNII) 3m HF_9120D_02360_251105 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5775.00 108.09 ------ ------ 98.22 34.03 13.62 37.78 0.00 100 303 Peak
Avg	Blank	 Site : 03CH20-HY Condition: AVG_54 3m HF_9120D_02360_251105 VERTICAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5775.00 100.77 ------ ------ 90.79 34.11 13.65 37.78 0.00 100 303 Average

Mode	65	
	Band Edge - R	
	U-NII-3_5.725-5.85_802.11ax HE80_CH155_Partial_484/66RU _5775MHz	
ANT	6+7	
Pol.	Vertical	Fundamental
Peak	 Site : 03CH20-HY Condition: PEAK_BE(B4)_16-24 3m HF_9120D_02360_251105 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Limit Read Ant Cable Preamp Aux APos TPos Freq Level Line Margin Level Factor Loss Factor Factor Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 5854.45 62.56 112.05 -49.49 52.38 34.21 13.75 37.78 0.00 100 303 Peak 2 5865.30 71.52 107.91 -36.39 61.30 34.23 13.77 37.78 0.00 100 303 Peak 3 5924.10 56.16 68.86 -12.70 45.80 34.25 13.89 37.78 0.00 100 303 Peak 4 5944.93 55.07 68.20 -13.13 44.71 34.21 13.93 37.78 0.00 100 303 Peak	Blank

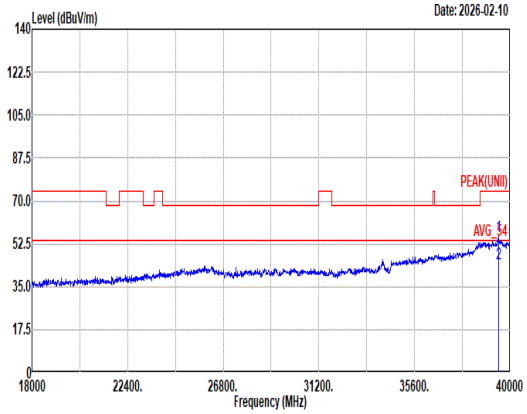
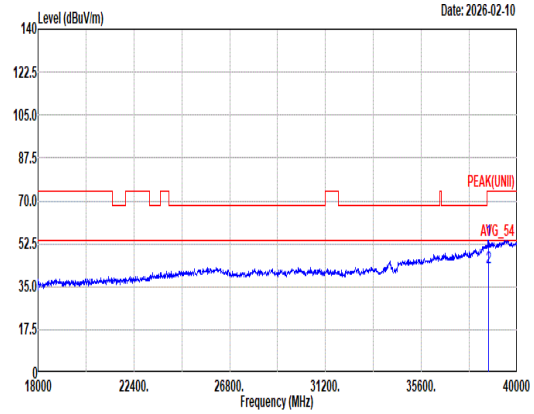
Mode	135	
	LF	
	U-NII-3_5.725-5.85_802.11ax HE40_CH159_Partial_242/62RU_5795MHz	
ANT	6+7	
Pol.	Horizontal	Vertical
QP/ Peak	 Site : 03CH20-HY Condition: QP 3m Bilog_55606 & 08_251126 HORIZONTAL	 Site : 03CH20-HY Condition: QP 3m Bilog_55606 & 08_251126 VERTICAL

Site : 03CH20-HY
Condition: QP 3m Bilog_55606 & 08_251126 HORIZONTAL

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	79.47	23.92	40.00	-16.08	44.87	13.14	1.52	35.73	0.12	--	--	Peak
2	93.05	30.09	43.50	-13.41	49.74	14.28	1.68	35.71	0.10	--	--	Peak
3	270.56	21.44	46.00	-24.56	34.92	18.92	2.86	35.35	0.09	--	--	Peak
4	463.59	25.41	46.00	-20.59	33.06	23.34	3.76	34.86	0.11	--	--	Peak
5	745.86	31.64	46.00	-14.36	32.53	28.04	4.79	33.93	0.21	--	--	Peak
6	959.26	34.58	46.00	-11.42	31.04	30.96	5.42	33.15	0.31	--	--	Peak

Site : 03CH20-HY
Condition: QP 3m Bilog_55606 & 08_251126 VERTICAL

	Freq	Level	Limit Line	Margin	Read Level	Ant Factor	Cable Loss	Preamp Factor	Aux Factor	APos	TPos	Remark
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m	dB	dB	dB	cm	deg	
1	51.34	33.04	40.00	-6.96	53.38	14.06	1.21	35.76	0.15	--	--	Peak
2	91.11	32.57	43.50	-10.93	52.51	14.04	1.65	35.72	0.09	--	--	Peak
3	262.80	19.78	46.00	-26.22	32.21	20.04	2.81	35.37	0.09	--	--	Peak
4	492.69	25.83	46.00	-20.17	32.83	23.84	3.86	34.79	0.09	--	--	Peak
5	745.86	31.95	46.00	-14.05	32.84	28.04	4.79	33.93	0.21	--	--	Peak
6	952.47	34.08	46.00	-11.92	30.80	30.74	5.41	33.17	0.30	--	--	Peak

Mode	136	
	SHF	
	U-NII-3_5.725-5.85_802.11ax HE40_CH159_Partial_242/62RU_5795MHz	
ANT	6+7	
Pol.	Horizontal	Vertical
Peak	 Site : 03CH20-HY Condition: PEAK(UNII) 1m BBHA9170_1224_250702 HORIZONTAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 39483.00 55.55 74.00 -18.45 39.06 45.07 37.47 56.51 -9.54 -- -- Peak 2 39483.00 44.48 54.00 -9.52 27.99 45.07 37.47 56.51 -9.54 -- -- Average	 Site : 03CH20-HY Condition: PEAK(UNII) 1m BBHA9170_1224_250702 VERTICAL Freq Level Limit Line Margin Read Level Ant Factor Cable Loss Preamp Factor Aux Factor APos TPos Remark MHz dBuV/m dBuV/m dB dBuV dB/m dB dB dB cm deg 1 38702.00 53.84 74.00 -20.16 38.93 44.47 37.00 57.02 -9.54 -- -- Peak 2 38702.00 42.81 54.00 -11.19 27.90 44.47 37.00 57.02 -9.54 -- -- Average