



Report No.: SUCR251100108907

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TEST REPORT

Application No.: SUCR2511001089AT
Applicant: Shanghai Sunmi Technology Co.,Ltd.
Address of Applicant: Room 505,No.388,Song Hu Road,Yang Pu District,Shanghai,China
Manufacturer: Shanghai Sunmi Technology Co.,Ltd.
Address of Manufacturer: Room 505,No.388,Song Hu Road,Yang Pu District,Shanghai,China
EUT Description: Wireless Data Terminal
Model No.: TFB1A
Trade Mark: SUNMI
FCC ID: 2AH25M3WN
Standards: FCC 47 CFR Part 2, Subpart J
FCC 47 CFR Part 15, Subpart E
Date of Receipt: 2025-11-06
Date of Test: 2025-12-08 to 2025-12-12
Date of Issue: 2025-12-16

Test Result :	PASS *
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* In the configuration tested, the EUT detailed in this report complied with the standards specified above.

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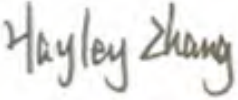
Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

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Version

Revision Record			
Version	Description	Date	Remark
01	Original	2025-12-16	/

Authorized for issue by:				
Tested By				
		Hayley Zhang/Project Engineer		
Approved By				
		Cedar Cheng /Reviewer		

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1 Test Summary

Test Item	Band ^[1]	FCC rules No.	Test Requirements	Test Result	Result
Antenna Requirement	--	15.203/15.407(a)	--	Clause 5.1	PASS
26dB Emission Bandwidth	Band I	15.407(a)(1)	No limit.	Clause 5.5	PASS
	Band II-A	15.407(a)(2)			Reference report SUCR251100108008
	Band II-C	15.407(a)(2)			Reference report SUCR251100108008
6dB Emission Bandwidth	Band III	15.407(e)	≥ 500 kHz.	Clause 5.6	Reference report SUCR251100108008
99% Occupied Bandwidth	Band I	KDB 789033 D02§ D	No limit.	Clause 5.7	PASS
	Band II-A				Reference report SUCR251100108008
	Band II-C				Reference report SUCR251100108008
	Band III				Reference report SUCR251100108008
Duty Cycle	Band I	--	No limit.	Clause 5.3	PASS
Maximum Conducted Output Power	Band I	15.407(a)(iv)	< 250mW	Clause 5.4	PASS
	Band II-A	15.407(a)(2)	<MIN{250mW, 11dBm+10*Ig(EBW)}		Reference report SUCR251100108008
	Band II-C				Reference report SUCR251100108008
	Band III	15.407(a)(3)	< 1W		Reference report SUCR251100108008
Maximum Power Spectral Density	Band I	15.407(a)(iv)	<11dBm/MHz	Clause 5.8	PASS
	Band II-A	15.407(a)(2)	<11dBm/MHz		Reference report SUCR251100108008
	Band II-C				Reference report SUCR251100108008
	Band III	15.407(a)(3)	<30dBm/500KHz		Reference report SUCR251100108008
Radiated Spurious Emissions	Band I	15.407(b) 15.205/15.209	F<1GHz: §15.209 limit (QP). F≥1GHz & out-restricted: <-27dBm/MHz PK e.i.r.p. (exl. 5.15-5.35 GHz). F≥1GHz & in-restricted: §15.209 limit (AV&PK).	Clause 5.9	PASS
	Band II-A	15.407(b) 15.205/15.209	F<1GHz: §15.209 limit (QP). F≥1GHz & out-restricted: <-27dBm/MHz PK e.i.r.p. (exl. 5.25-5.35 GHz). F≥1GHz & in-restricted: §15.209 limit (AV&PK).		
	Band II-C	15.407(b) 15.205/15.209	F<1GHz: §15.209 limit (QP). F≥1GHz & out-restricted: <-27dBm/MHz PK e.i.r.p. (exl. 5.47-5.725 GHz).		

Test Item	Band ^[1]	FCC rules No.	Test Requirements	Test Result	Result
			F≥1GHz & in-restricted: §15.209 limit (AV&PK).		
	Band III	15.407(b) 15.205/15.209	F<1GHz: §15.209 limit (QP) F≥1GHz & out-restricted:(PK) 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. F≥1GHz & in-restricted: §15.209 limit (AV&PK).		
Restricted bands around fundamental frequency	Band I Band II-A Band II-C Band III	15.407(b) 15.205/15.209	---	Clause 5.10	PASS
AC Power Line Conducted Emissions	Band I Band II-A Band II-C Band III	15.207	---	Clause 5.2	PASS
Dynamic Frequency Selection	Band II-A Band II-C	15.407	Channel Move Time:10 Seconds	Clause 5.11	Reference report SUCR251100108008
Frequency Stability	Band I Band II-A Band II-C Band III	15.407(g)	Manufacturers of U-NII devices are responsible for ensuring frequency stability such that an emission is maintained within the band of operation under all conditions of normal operation as specified in the users manual	N/A	N/A
Note 1: Band I: 5150-5250MHz Band II-A: 5250-5350MHz Band II-C: 5470-5725MHz Band III: 5725-5850MHz					



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Remark:

This test report (Report No.: SUCR251100108907 issue on 2025-12-16) is based on the original test report (Report No.: SUCR251100108008 issue on December 5, 2025).

Review this report and original report, this report just changing the parts according to the declaration letter from client.

Considering to the difference, pre-scan were performed on the sample in this report to find the items which can be influential to the result in the original test report for fully retest.

Therefore in this report test the WIFI 5G Band I, AC power line conducted emission and Radiated spurious emissions were fully tested in this report, and other items data please refer to the previous report with report number SUCR251100108008 issue on December 5, 2025.

2 General Information

2.1 Details of Client

Applicant:	Shanghai Sunmi Technology Co.,Ltd.
Address of Applicant:	Room 505,No.388,Song Hu Road,Yang Pu District,Shanghai,China
Manufacturer:	Shanghai Sunmi Technology Co.,Ltd.
Address of Manufacturer:	Room 505,No.388,Song Hu Road,Yang Pu District,Shanghai,China

2.2 Test Location

Company:	SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd.
Address:	South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone
Post code:	215000
Test engineer:	Ives Cheng, King-p Li

2.3 Test Facility

The test facility is recognized, certified, or accredited by the following organizations:

• **A2LA (Certificate No. 6336.01)**

SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd. is accredited by the American Association for Laboratory Accreditation (A2LA).

• **FCC (Designation Number: CN1312)**

SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd. has been recognized as an accredited testing laboratory.

• **ISED (CAB Identifier: CN0120)**

SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd. has been recognized by Innovation, Science and Economic Development Canada (ISED) as an accredited testing laboratory.

Company Number: 27594

2.4 General Description of EUT

Power Supply:	3.87V from battery		
WLAN Mode Supported:	802.11a:	20 MHz channel bandwidth	
	802.11n:	20 MHz / 40 MHz channel bandwidth	
	802.11ac:	20 MHz / 40 MHz / 80 MHz channel bandwidth	
	802.11ax:	20 MHz / 40 MHz / 80 MHz channel bandwidth	
Operation Frequency:	5150MHz to 5250MHz 5250MHz to 5350MHz 5470MHz to 5725MHz 5725MHz to 5850MHz		
Modulation Type:	802.11a:	OFDM (BPSK, QPSK, 16QAM, 64QAM)	
	802.11n:	OFDM (BPSK, QPSK, 16QAM, 64QAM)	
	802.11ac:	OFDM (BPSK, QPSK, 16QAM, 64QAM, 256QAM)	
	802.11ax:	OFDM/OFDMA (BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM)	
Channel Spacing:	20MHz:	802.11a/n(HT20)/ac(VHT20)/ax(HE20)	
	40MHz:	802.11n(HT40)/ac(VHT40)/ax(HE40)	
	80MHz:	802.11ac(VHT80)/ax(HE80)	
Antenna Type:	FPC Antenna		
Antenna Gain:	5150MHz to 5250MHz: -6.54dBi(Ant3); 1.69dBi(Ant2) 5250MHz to 5350MHz: -6.54dBi(Ant3); 1.67dBi(Ant2) 5470MHz to 5725MHz: -7.16dBi(Ant3); 3.90dBi(Ant2) 5725MHz to 5850MHz: -7.65dBi(Ant3); 3.55dBi(Ant2)		
	Note: The antenna gain are derived from the gain information report provided by the manufacturer.		
Smart System:	☒ SISO	802.11a	
	☒ MIMO	802.11n/ac/ax: 2Tx & 2Rx	
TPC Function:	☒ Support, ☐ Not Support		
DFS Function:	☐ Master		
	☐ Slave with radar detection		☒ Slave without radar detection
RF Cable:	2dB		
Remark: 1.As above information is provided and confirmed by the applicant. SGS is not liable to the accuracy, suitability, reliability or/and integrity of the information.			

2.The device does not support 802.11ax OFDMA Partial RU tones (26T, 52T, 106T, etc.)

3.In FCC 15.31, for each band in which the device can be operated with the device operating at the number of frequencies in each band specified in the following table, and the selected channel to perform the test as below:

Frequency range over which device operates	Number of Measurement Frequencies Required	Location of Measurement Frequency in Band of Operation
1 MHz or less	1	centre
1 MHz to 10 MHz	2	1 near high end, 1 near low end
Greater than 10 MHz	3	1 near high end, 1 near centre

For UNII Band I:

Mode	Channel	Frequency(MHz)
IEEE 802.11a/n/ac/ax 20MHz	The Lowest channel	5180
	The Middle channel	5200
	The Highest channel	5240
IEEE 802.11n/ac/ax 40MHz	The Lowest channel	5190
	The Highest channel	5230
IEEE 802.11ac/ax 80MHz	The Middle channel	5210

For UNII Band II-A:

Mode	Channel	Frequency(MHz)
IEEE 802.11a/n/ac/ax 20MHz	The Lowest channel	5260
	The Middle channel	5280
	The Highest channel	5320
IEEE 802.11n/ac/ax 40MHz	The Lowest channel	5270
	The Highest channel	5310
IEEE 802.11ac/ax 80MHz	The Middle channel	5290

For UNII Band II-C:		
Mode	Channel	Frequency(MHz)
IEEE 802.11a/n/ac/ax 20MHz	The Lowest channel	5500
	The Middle channel	5580
	The Highest channel	5700
IEEE 802.11n/ac/ax 40MHz	The Lowest channel	5510
	The Middle channel	5550
	The Highest channel	5670
IEEE 802.11ac/ax 80MHz	The Middle channel	5530

For UNII Band III:		
Mode	Channel	Frequency(MHz)
IEEE 802.11a/n/ac/ax 20MHz	The Lowest channel	5745
	The Middle channel	5785
	The Highest channel	5825
IEEE 802.11n/ac/ax 40MHz	The Lowest channel	5755
	The Highest channel	5795
IEEE 802.11ac/ax 80MHz	The Middle channel	5775

2.5 Test Environment and Mode

Environment Parameter	101 kPa Selected Values During Tests	
Relative Humidity	44-46 % RH Ambient	
Value	Temperature(°C)	Voltage(V)
NTNV	22~23	3.87
Remark: NV: Normal Voltage NT: Normal Temperature		

2.6 Description of Support Units

Description	Manufacturer	Model No.	FCC ID
Router	ASUS	GT-AXE11000	MSQ-RTAXJF00

2.7 Worst-case configuration and mode

Low data rate was used to test on antenna port conducted tests and radiated spurious emissions since it has the highest maximum power. Following are the worst-case data rates set for test:

Modulation Type	SISO - Data Rate	CDD/MIMO - Data Rate
802.11a	6 Mbps	/
802.11n (HT 20)	/	MCS0 (13 Mbps)
802.11n (HT 40)	/	MCS0 (27 Mbps)
802.11ac (VHT 20)	/	MCS0 (13 Mbps)
802.11ac (VHT 40)	/	MCS0 (27 Mbps)
802.11ac (VHT 80)	/	MCS0 (58.5 Mbps)
802.11ax (HE 20)	/	MCS0 (16 Mbps)
802.11ax (HE 40)	/	MCS0 (32 Mbps)
802.11ax (HE 80)	/	MCS0 (68 Mbps)

3 Equipment List

CE Test System					
Equipment	Manufacturer	Model No.	Inventory No.	Cal Date	Cal Due Date
Test receiver	ROHDE&SCHWARZ	ESR7	SUWI-01-10-01	1/15/2025	1/14/2026
Temperature and humidity meter	MingGao	TH101B	SUWI-01-01-05	2/13/2025	2/12/2026
Artificial network	ROHDE&SCHWARZ	ENV216	SUWI-01-19-03	2025/5/8	2026/5/7
Artificial network	ROHDE&SCHWARZ	ENV216	SUWI-01-19-04	2025/5/8	2026/5/7
Measurement Software	Tonscend	JS32-CE 4.0.0.2	SUWI-02-09-05	NCR	NCR

RSE Test System					
Equipment	Manufacturer	Model No.	Inventory No.	Cal Date	Cal Due Date
Semi-Anechoic Chamber	Brilliant-emc	N/A	SUWI-04-02-02	11/25/2024	11/24/2027
Signal Analyzer	ROHDE&SCHWARZ	FSW43	SUWI-01-02-04	1/20/2025	1/19/2026
Signal Analyzer	KEYSIGHT	N9020A	SUWI-01-02-09	11/21/2025	11/20/2026
Test receiver	ROHDE&SCHWARZ	ESR7	SUWI-01-10-01	1/15/2025	1/14/2026
Signal Generator	ROHDE&SCHWARZ	SMW100A	SUWI-01-18-01	1/16/2025	1/15/2026
Receiving antenna	SCHWRZBECK MESS-ELEKTRONIK	VULB 9168	SUWI-01-11-04	9/10/2025	9/9/2027
Receiving antenna	SCHWRZBECK MESS-ELEKTRONIK	BBHA 9120D	SUWI-01-11-02	5/7/2025	5/6/2027
Receiving antenna	SCHWRZBECK MESS-ELEKTRONIK	BBHA 9170	SUWI-01-11-03	5/7/2025	5/6/2027
Active Loop Antenna	SCHWRZBECK MESS-ELEKTRONIK	FMZB 1519B	SUWI-01-21-01	5/7/2025	5/6/2027
Amplifier	Tonscend	TAP9K3G40	SUWI-01-14-01	1/16/2025	1/15/2026
Amplifier	Tonscend	TAP01018050	SUWI-01-14-02	1/16/2025	1/15/2026
Amplifier	Tonscend	TAP18040048	SUWI-01-14-03	1/20/2025	1/19/2026
Wideband Radio Communication Tester	Anritsu	MT8820C	SUWI-01-26-01	11/21/2025	11/20/2026
Wideband Radio Communication Tester	Anritsu	MT8821C	SUWI-01-26-03	8/25/2025	8/24/2026
Wideband Radio Communication Tester	ROHDE&SCHWARZ	CMW500	SUWI-01-16-09	8/26/2025	8/25/2026
Radio Communication Analyzer	StarPoint	SP9500E	SUWI-01-28-02	11/21/2025	11/20/2026
Signal Generator	ROHDE&SCHWARZ	SMB100A	SUWI-01-08-01	1/16/2025	1/15/2026
DC Power Supply	HYELEC	HY3005B	SUWI-01-18-01	1/15/2025	1/14/2026
Temperature and humidity meter	MingGao	TH101B	SUWI-01-01-05	2/13/2025	2/12/2026
Measurement Software	Tonscend	JS32-RE 4.0.0.0	SUWI-02-09-06	NCR	NCR
RF Control unit	Tonscend	JS0806-1	SUWI-02-20-01	NCR	NCR

Remark: NCR=No Calibration Requirement.

4 Measurement Uncertainty (95% confidence levels, k=2)

No.	Item	Measurement Uncertainty
1	Conduction Emission	± 2.90dB (150kHz to 30MHz)
2	Radiated Emission	± 3.13dB (9k -30MHz)
		± 4.8dB (30M -1GHz)
		± 4.8dB (1GHz to 18GHz)
		± 4.80dB (Above 18GHz)
Remark: The U _{lab} (lab Uncertainty) is less than U _{cispr/etsi} (CISPR/ETSI Uncertainty), so the test results – compliance is deemed to occur if no measured disturbance level exceeds the disturbance limit; – non-compliance is deemed to occur if any measured disturbance level exceeds the disturbance limit.		

5 Test results and Measurement Data

5.1 Antenna Requirement

Standard requirement:	47 CFR Part 15 Section 15.203
The antenna is FPC Antenna and no consideration of replacement. The best case gain of the antenna is 5150MHz to 5250MHz: -6.54dBi(Ant3); 1.69dBi(Ant2) 5250MHz to 5350MHz: -6.54dBi(Ant3); 1.67dBi(Ant2) 5470MHz to 5725MHz: -7.16dBi(Ant3); 3.90dBi(Ant2) 5725MHz to 5850MHz: -7.65dBi(Ant3); 3.55dBi(Ant2) <i>Note:</i> <i>The antenna gain are derived from the gain information report provided by the manufacturer.</i> <i>Remark:</i> <i>As above information is provided and confirmed by the applicant. SGS is not liable to the accuracy, suitability, reliability or/and integrity of the information.</i>	

Cyclic Delay Diversity (CDD) System:

FCC KDB 662911 D01 Multiple Transmitter Output v02r01

If all antennas have the same gain, G_{ANT} , Directional gain = G_{ANT} + Array Gain, where Array Gain is as follows.

- For power spectral density (PSD) measurements on all devices,
 $Array\ Gain = 10 \log(N_{ANT}/N_{SS} = 1) \text{ dB}$.
- For power measurements on IEEE 802.11 devices:
 $Array\ Gain = 0 \text{ dB}$ (i.e., no array gain) for $N_{ANT} \leq 4$;

For power, the directional gain may be calculated by using the formulas applicable to equal gain antennas with G_{ANT} set equal to the gain of the antenna having the highest gain.

For PSD, the directional gain calculation is following F)2)f)ii) of KDB 662911 D01 v02r01.

The Power and PSD limit should be modified if the directional gain of eut is over 6dbi.

The EUT supports CDD System.

All antennas have Unequal antenna gain:

Operation Frequency	ANT Gain3 (dBi)	ANT Gain2 (dBi)	Directional gain For Power (dBi)	Directional gain For PSD (dBi)	Power Limit Reduction (dBm)	PSD Limit Reduction (dBm)
5150MHz to 5250MHz	-6.54	1.69	1.69	1.53	0	0
5250MHz to 5350MHz	-6.54	1.67	1.67	1.51	0	0
5470MHz to 5725MHz	-7.16	3.90	3.90	3.03	0	0
5725MHz to 5850MHz	-7.65	3.55	3.55	2.65	0	0

5150MHz to 5250MHz:

Power Limit Reduction = Directional gain – 6dBi, (Directional gain < 6dBi) =0

PSD Limit Reduction = Directional gain – 6dBi, (Directional gain < 6dBi) =0

5250MHz to 5350MHz:

Power Limit Reduction = Directional gain – 6dBi, (Directional gain < 6dBi) =0

PSD Limit Reduction = Directional gain – 6dBi, (Directional gain < 6dBi) =0

5470MHz to 5725MHz:

Power Limit Reduction = Directional gain – 6dBi, (Directional gain < 6dBi) =0

PSD Limit Reduction = Directional gain – 6dBi, (Directional gain < 6dBi) =0

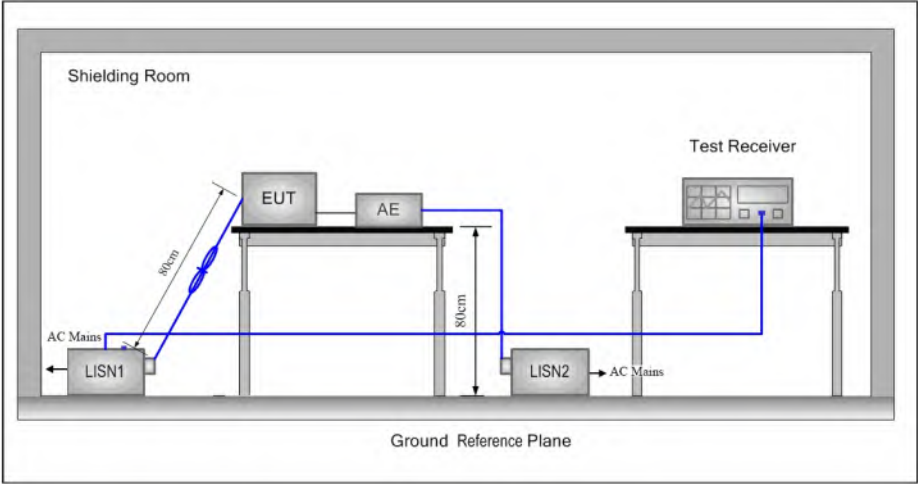
5725MHz to 5850MHz:

Power Limit Reduction = Directional gain – 6dBi, (Directional gain < 6dBi) =0

PSD Limit Reduction = Directional gain – 6dBi, (Directional gain < 6dBi) =0

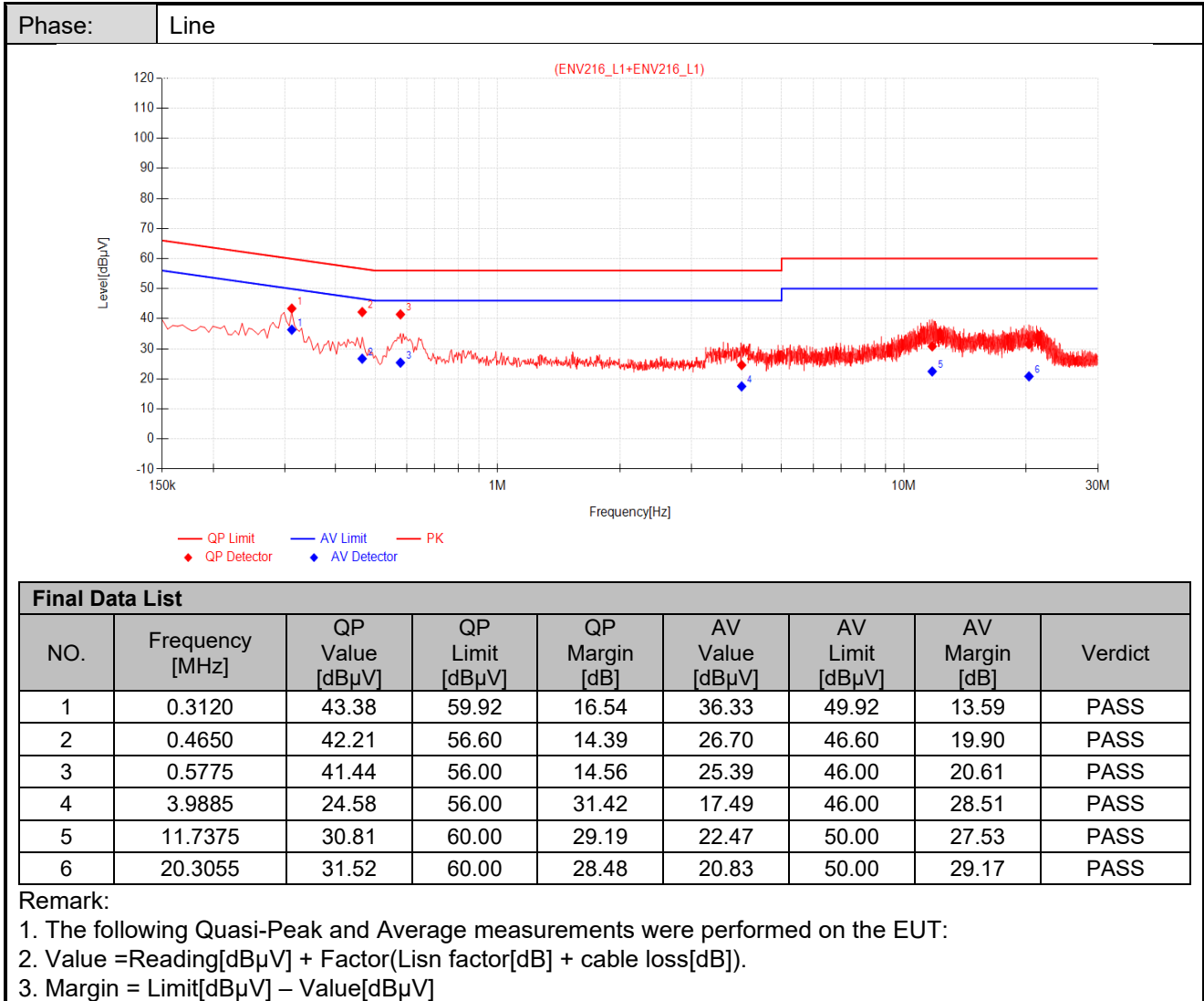
5.2 AC Power Line Conducted Emissions

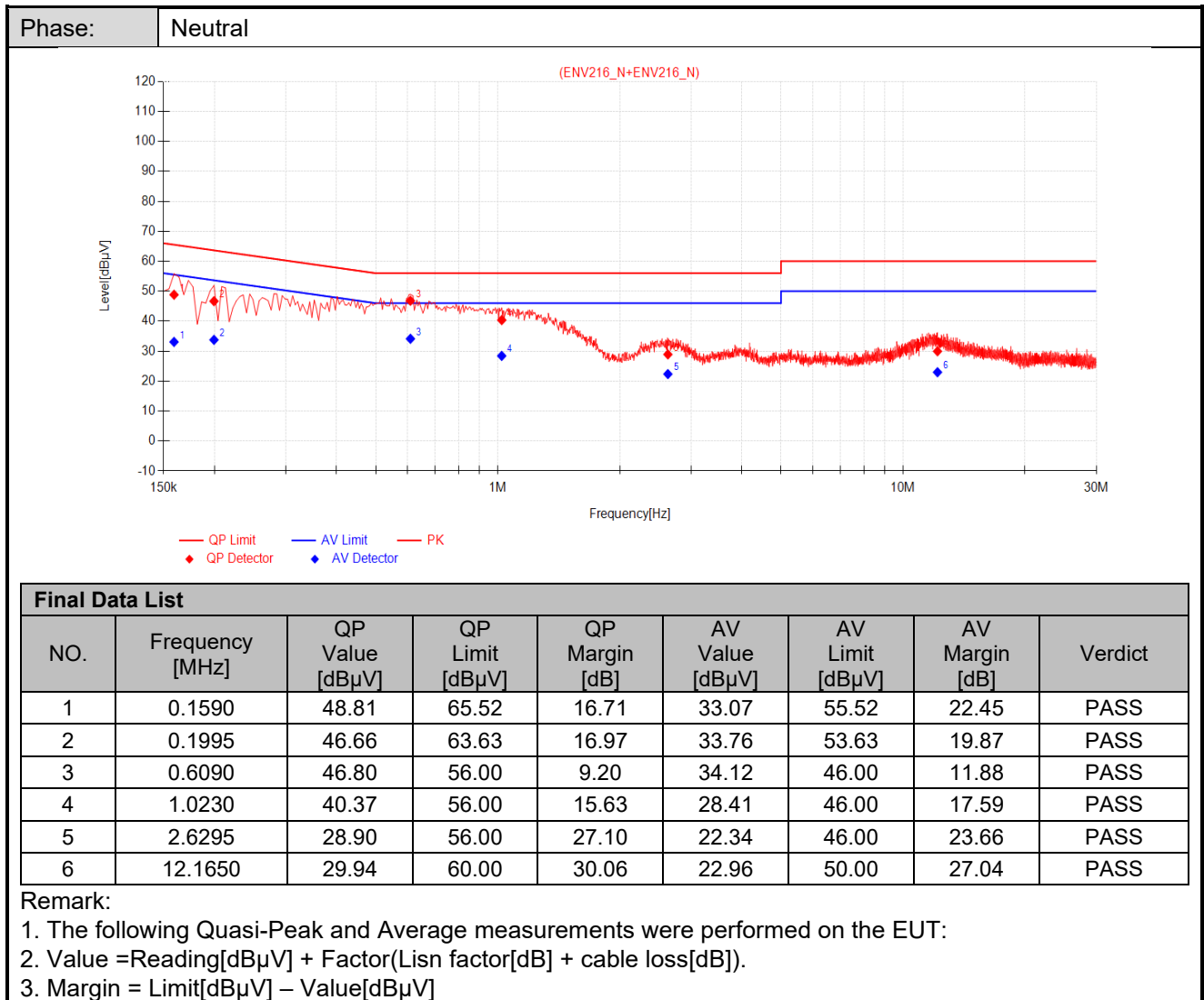
Test Requirement:	47 CFR Part 15 Section 15.207		
Test Method:	ANSI C63.10: 2013 Section 6.2		
Test Frequency Range:	150kHz to 30MHz		
Receiver Setup:	RBW = 9kHz, VBW = 30kHz		
Limit:	Frequency range (MHz)	Limit (dBuV)	
		Quasi-peak	Average
	0.15-0.5	66 to 56*	56 to 46*
	0.5-5	56	46
	5-30	60	50
* Decreases with the logarithm of the frequency.			
Test Procedure:	1) The mains terminal disturbance voltage test was conducted in a shielded room. 2) The EUT was connected to AC power source through a LISN 1 (Line Impedance Stabilization Network) which provides a $50\Omega/50\mu\text{H} + 5\Omega$ linear impedance. The power cables of all other units of the EUT were connected to a second LISN 2, which was bonded to the ground reference plane in the same way as the LISN 1 for the unit being measured. A multiple socket outlet strip was used to connect multiple power cables to a single LISN provided the rating of the LISN was not exceeded. 3) The tabletop EUT was placed upon a non-metallic table 0.8m above the ground reference plane. And for floor-standing arrangement, the EUT was placed on the horizontal ground reference plane, 4) The test was performed with a vertical ground reference plane. The rear of the EUT shall be 0.4 m from the vertical ground reference plane. The vertical ground reference plane was bonded to the horizontal ground reference plane. The LISN 1 was placed 0.8 m from the boundary of the unit under test and bonded to a ground reference plane for LISNs mounted on top of the ground reference plane. This distance was between the closest points of the LISN 1 and the EUT. All other units of the EUT and associated equipment was at least 0.8 m from the LISN 2. 5) In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be changed according to ANSI C63.10: 2013 on conducted measurement.		

Test Setup:	
Test Mode:	BT Link + WIFI 2.4G Link + WIFI 5G/6E Link
Instruments Used:	Refer to section 3 for details.
Test Results:	Pass

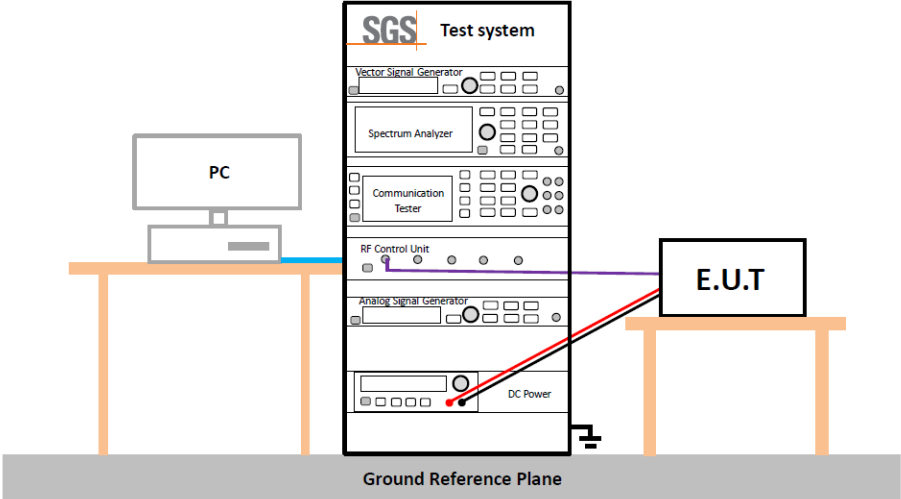
Measurement Data

An initial pre-scan was performed on the live and neutral lines with peak detector. Quasi-Peak and Average measurement were performed at the frequencies with maximized peak emission were detected.

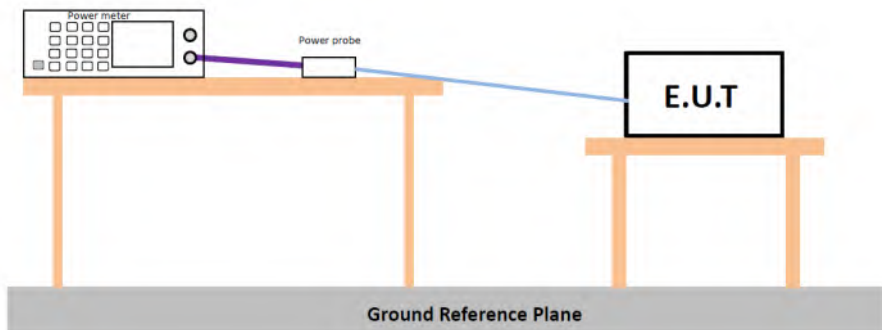




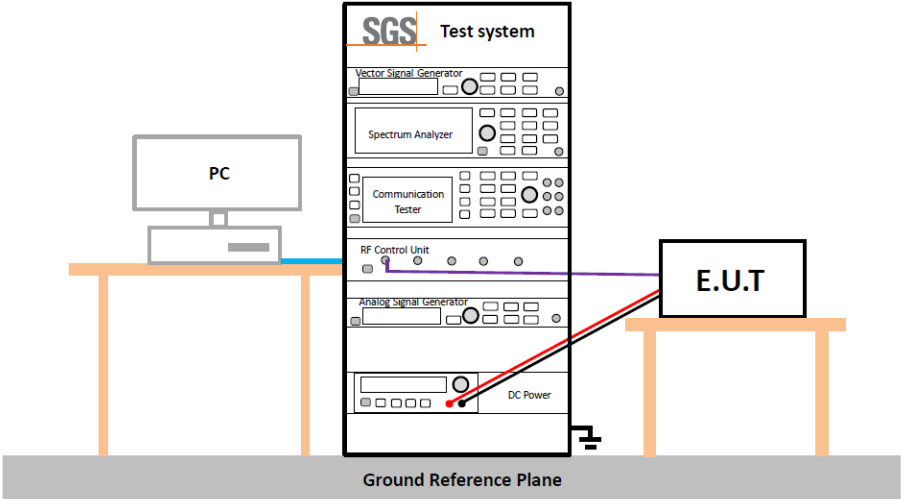
5.3 Duty Cycle

Test Requirement:	ANSI C63.10 :2013 Section 12.2
Test Method:	ANSI C63.10 :2013 Section 12.2
Test Setup:	
Instruments Used:	Refer to section 3 for details
Exploratory Test Mode:	Transmitting with all kind of modulations, data rates
Final Test Mode:	Refer to section 2.7 for details.
Limit:	No restriction limits
Test Results:	For report purpose
The detailed test data see: Appendix	

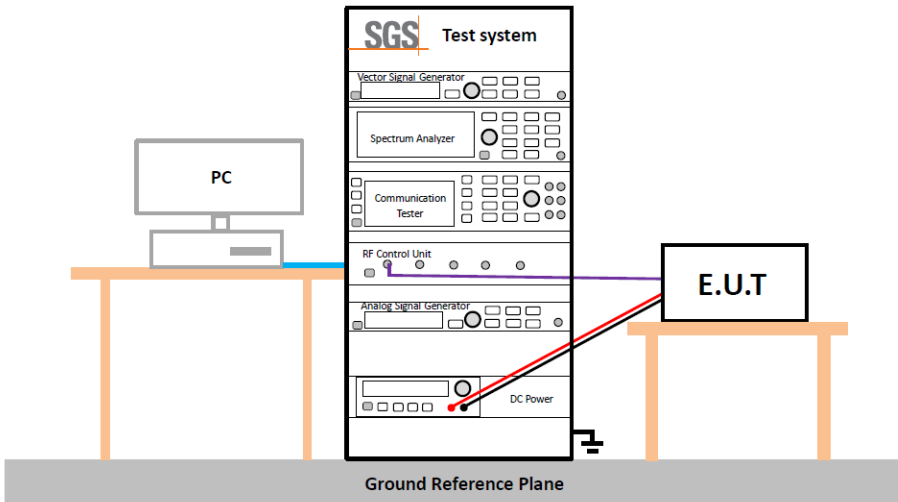
5.4 Conducted Output Power

Test Requirement:	47 CFR Part 15 Section 15.407(a)	
Test Method:	ANSI C63.10 :2013 Section 12.3.3.2	
Test Setup:	 * Test with power meter (Detector function: Average) Method PM-G is measurement using a gated RF average power meter. Measurements may be performed using a wideband gated RF power meter provided that the gate parameters are adjusted such that the power is measured only when the EUT is transmitting at its maximum power control level. Because the measurement is made only during the ON time of the transmitter, no duty cycle correction factor is required.	
Test Instruments:	Refer to section 3 for details.	
Exploratory Test Mode:	Transmitting with all kind of modulations, data rates	
Final Test Mode:	Refer to section 2.7 for details.	
Limit:	Frequency Band	Limit
	5150-5250MHz	Not exceed 250mW(23.98dBm)
	5250-5350MHz	The lesser of 250mW(23.98dBm) or 11+ 10logB
	5470-5725MHz	The lesser of 250mW(23.98dBm) or 11+ 10logB
	5725-5850MHz	Not exceed 1W(30dBm)
	*Where B is the 26dB emission bandwidth in MHz	
Test Results:	Pass	
The detailed test data see: Appendix		

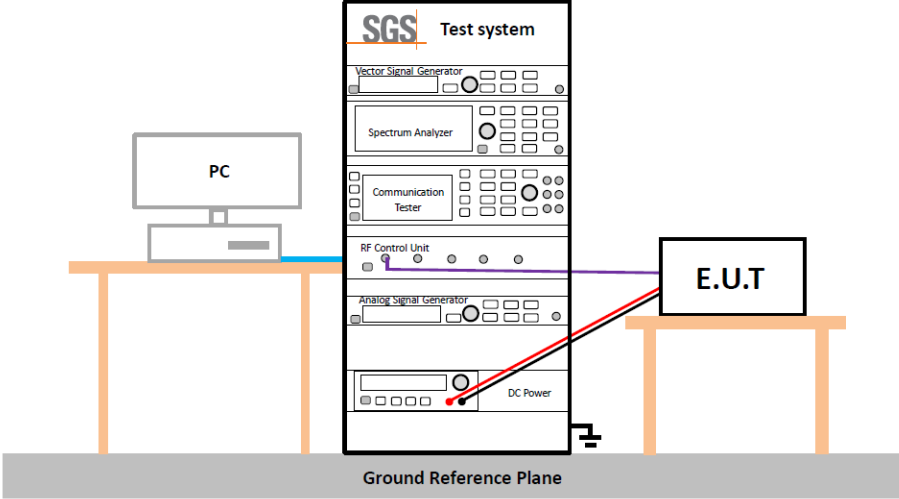
5.5 26dB Emission Bandwidth

Test Requirement:	47 CFR Part 15 Section 15.407(a), KDB 789033 D02& C
Test Method:	ANSI C63.10: 2013 Section 12.4.1
Test Setup:	
Instruments Used:	Refer to section 3 for details.
Exploratory Test Mode:	Transmitting with all kind of modulations, data rates
Final Test Mode:	Refer to section 2.7 for details.
Limit:	No restriction limits
Test Results:	For Report Purpose
The detailed test data see: Appendix	

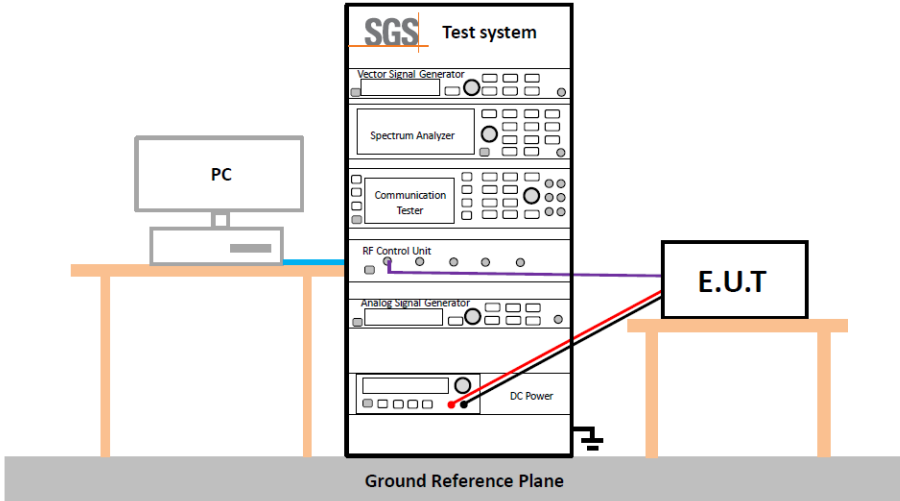
5.6 6dB Emission Bandwidth

Test Requirement:	47 CFR Part 15 Section 15.407(e)	
Test Method:	ANSI C63.10: 2013 Section 12.4.1	
Test Setup:		
Test Instruments:	Refer to section 3 for details.	
Exploratory Test Mode:	Transmitting with all kind of modulations, data rates	
Final Test Mode:	Refer to section 2.7 for details.	
Limit:	Frequency Band	Limit
	5725-5850MHz	At least 500kHz
Test Results:	Pass	
The detailed test data see: Appendix		

5.7 99% Occupied Bandwidth

Test Requirement:	KDB 789033 D02§ D
Test Method:	ANSI C63.10: 2013 Section 12.4.2
Test Setup:	
Instruments Used:	Refer to section 3 for details.
Exploratory Test Mode:	Transmitting with all kind of modulations, data rates
Final Test Mode:	Refer to section 2.7 for details.
Limit:	No restriction limits
Test Results:	For Report Purpose
The detailed test data see: Appendix	

5.8 Power Spectral Density

Test Requirement:	47 CFR Part 15 Section 15.407(a)	
Test Method:	ANSI C63.10: 2013 Section 12.5 KDB 789033 D02 v02r01, Section F.	
Test Setup:		
Instruments Used:	Refer to section 3 for details.	
Exploratory Test Mode:	Transmitting with all kind of modulations, data rates	
Final Test Mode:	Refer to section 2.7 for details.	
Limit:	Frequency Band	Limit
	5150-5250MHz	The power spectral density less than 11dBm/1MHz
	5250-5350MHz	The power spectral density less than 11dBm/1MHz
	5470-5725MHz	The power spectral density less than 11dBm/1MHz
	5725-5850MHz	The power spectral density less than <30dBm/500KHz
Test Results:	Pass	
The detailed test data see: Appendix		

5.9 Radiated Spurious Emissions

Test Requirement:	47 CFR Part 15 Section 15.205 and 15.209
Test Method:	ANSI C63.10: 2013 Section 6.4 / 6.5 / 6.6
Test Site:	Measurement Distance: 3m (Semi-Anechoic Chamber)
Test frequency:	9kHz ~ 40GHz(or 10 Harmonic)

Test Setup:

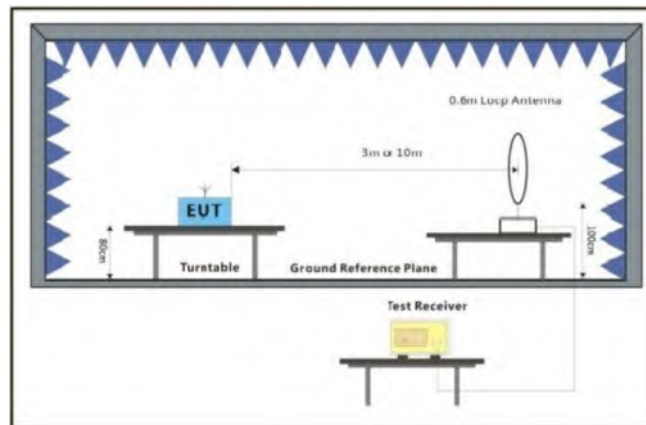


Figure 1. 9kHz to 30MHz

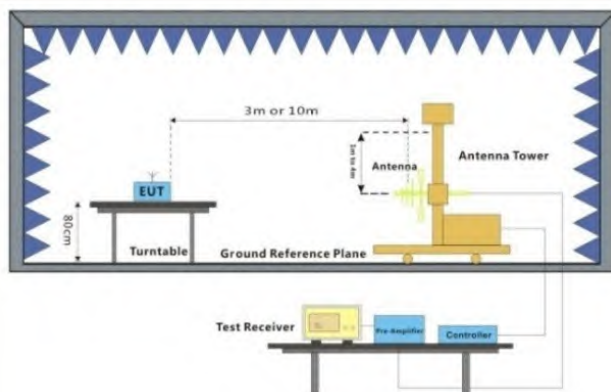


Figure 1. 30MHz to 1GHz

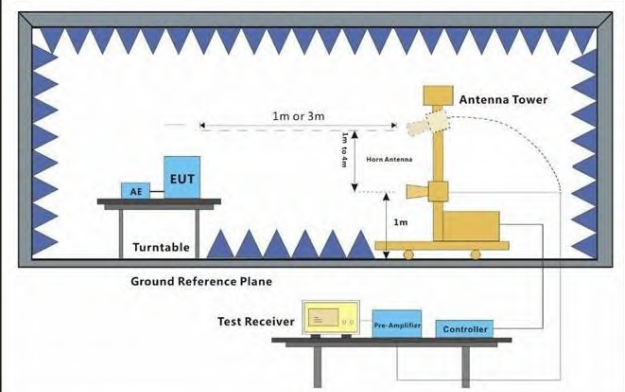


Figure 2. Above 1 GHz

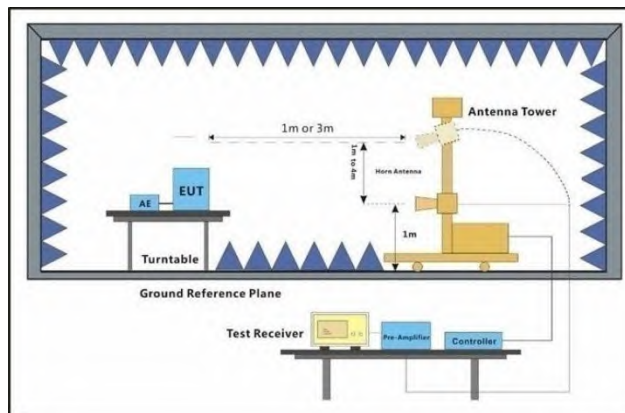
Test Procedure:	- For below 1GHz test, the EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 or 10 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation. - For above 1GHz test, the EUT was placed on the top of a rotating table 1.5 meters above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation. (Distance from antenna to EUT is 1m for measurements >18GHz). - The EUT was set 3 or 10 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower. - The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement. - For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rotatable table was turned from 0 degrees to 360 degrees to find the
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	maximum reading. f. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode. g. Test the EUT in the outermost channels. h. The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, and found the X axis positioning which it is worse case. i. Repeat above procedures until all frequencies measured was complete. j. The low frequency, which started from 9 kHz to 30MHz, was pre-scanned and the result which was 20dB lower than the limit line was not reported k. The disturbance above 18GHz was very low, and the harmonics were the highest point could be found when testing, so only the harmonics had been displayed. l. At a measurement distance of 1 meter the limit line was increased by $20 \times \text{LOG}(3/1) = 9.54 \text{ dB}$.
Test Configuration:	Measurements below 30MHz • RBW = 10 kHz • VBW = 30 kHz • Detector = Peak & Average & Quasi-peak • Trace mode = max hold Measurements Below 1000MHz • RBW = 120 kHz • VBW = 300 kHz • Detector = Quasi-peak • Trace mode = max hold Peak Measurements Above 1000 MHz • RBW = 1 MHz • VBW $\geq 3 \text{ MHz}$ • Detector = Peak • Sweep time = auto • Trace mode = max hold Average Measurements Above 1000MHz • RBW = 1 MHz • VBW = 10Hz, when duty cycle is no less than 98 percent. • VBW $\geq 1/T$, 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.
Exploratory Test Mode:	Transmitting with all kind of modulations, data rates.
Final Test Mode:	Refer to section 2.7 for details. For below 1GHz part, through pre-scan all channels, but only the worst case is recorded in the report.
Instruments Used:	Refer to section 3 for details.
Test Results:	Pass
The detailed test data see: Appendix	

5.10 Restricted bands around fundamental frequency

Test Requirement:	47 CFR Part 15 Section 15.407(b)		
Test Method:	ANSI C63.10: 2013 Section 12.7		
Test Site:	Measurement Distance: 3m (Semi-Anechoic Chamber)		
Limit:	Frequency	Limit (dBuV/m)	Remark
	30MHz-88MHz	40.0	Quasi-peak
	88MHz-216MHz	43.5	Quasi-peak
	216MHz-960MHz	46.0	Quasi-peak
	960MHz-1GHz	54.0	Quasi-peak
	Above 1GHz	54.0	Average Value
		74.0	Peak Value

Test Setup:



Test Procedure:	- The EUT was placed on the top of a rotating table 1.5 meters above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation. - The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower. - The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement. - For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading. - The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode. - Place a marker at the end of the restricted band closest to the transmit frequency to show compliance. Also measure any emissions in the restricted bands. Save the spectrum analyzer plot. Repeat for each power and modulation for lowest and highest channel. - Test the EUT in the outermost channels. - The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, And found the X axis positioning which it is worse case. - Repeat above procedures until all frequencies measured was complete.
Test Configuration:	Measurements Below 1000MHz

	• RBW = 120 kHz • VBW = 300 kHz • Detector = Quasi-peak • Trace mode = max hold Peak Measurements Above 1000 MHz • RBW = 1 MHz • VBW $\geq$ 3 MHz • Detector = Peak • Sweep time = auto • Trace mode = max hold Average Measurements Above 1000MHz • RBW = 1 MHz • VBW = 10Hz, when duty cycle is no less than 98 percent. • VBW $\geq$ 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.
Exploratory Test Mode:	Transmitting with all kind of modulations, data rates.
Final Test Mode:	Refer to section 2.7 for details.
Instruments Used:	Refer to section 3 for details.
Test Results:	Pass
The detailed test data see: Appendix	



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6 Photographs - Setup Photos

Refer to Appendix _Photographs of Test Setup for SUCR2511001089AT.

7 Appendix

1. Duty Cycle

1.1 Test Result

1.1.1 ANT2

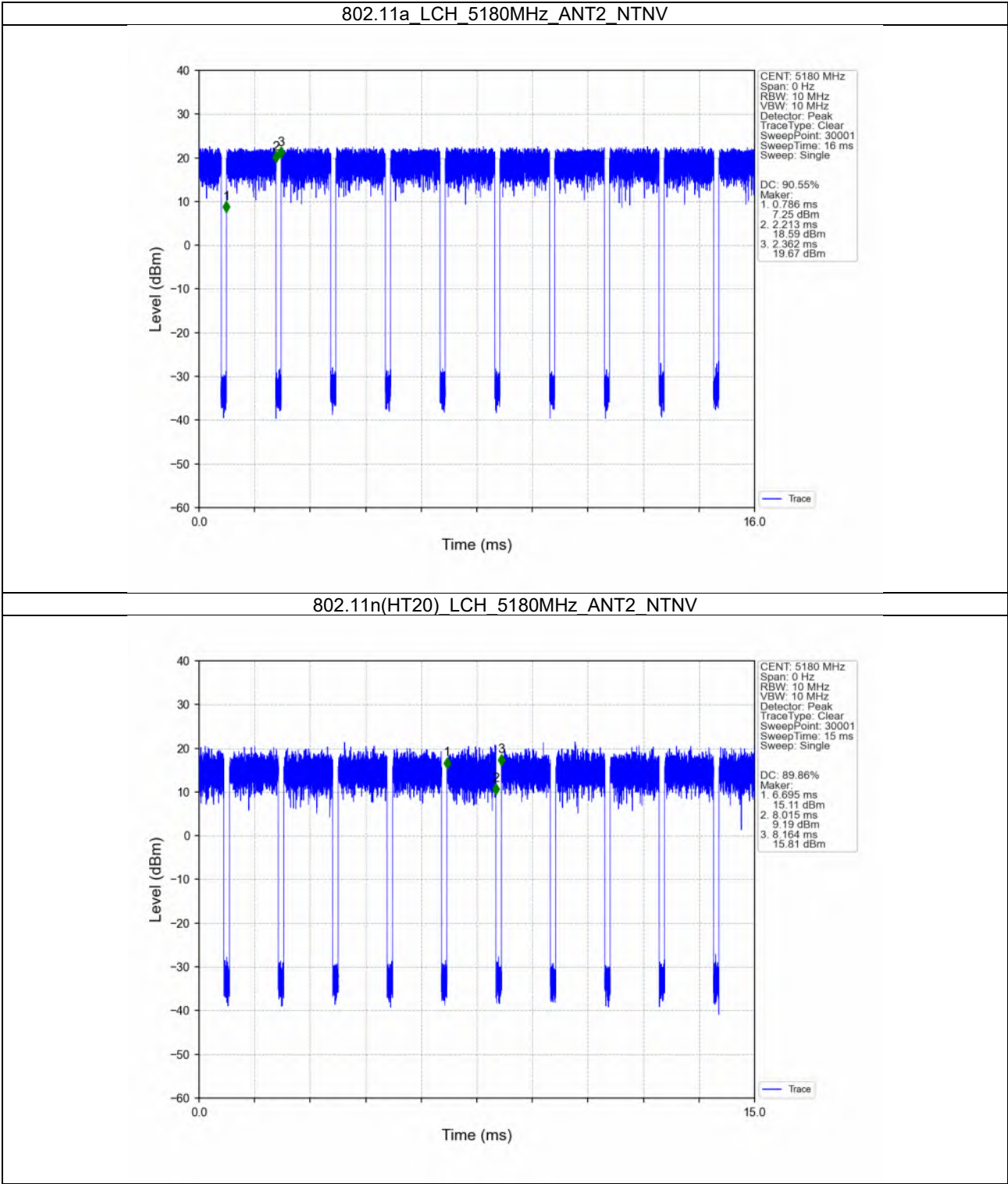
ANT2									
Mode	TX Type	Frequency (MHz)	RU	RU Pos	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
802.11a	SISO	5180	/	/	1.427	1.576	90.55	0.43	0.03
802.11n (HT20)	MIMO	5180	/	/	1.320	1.469	89.86	0.46	0.03
802.11n (HT40)	MIMO	5190	/	/	1.267	1.414	89.60	0.48	0.03
802.11ac (VHT80)	MIMO	5210	/	/	0.612	0.712	85.96	0.66	0.03
802.11ax (HEW20)	MIMO	5180	SU	/	1.987	2.066	96.18	0.17	0.03
802.11ax (HEW40)	MIMO	5190	SU	/	1.266	1.365	92.75	0.33	0.07
802.11ax (HEW80)	MIMO	5210	SU	/	0.976	1.076	90.71	0.42	0.07

1.1.2 ANT3

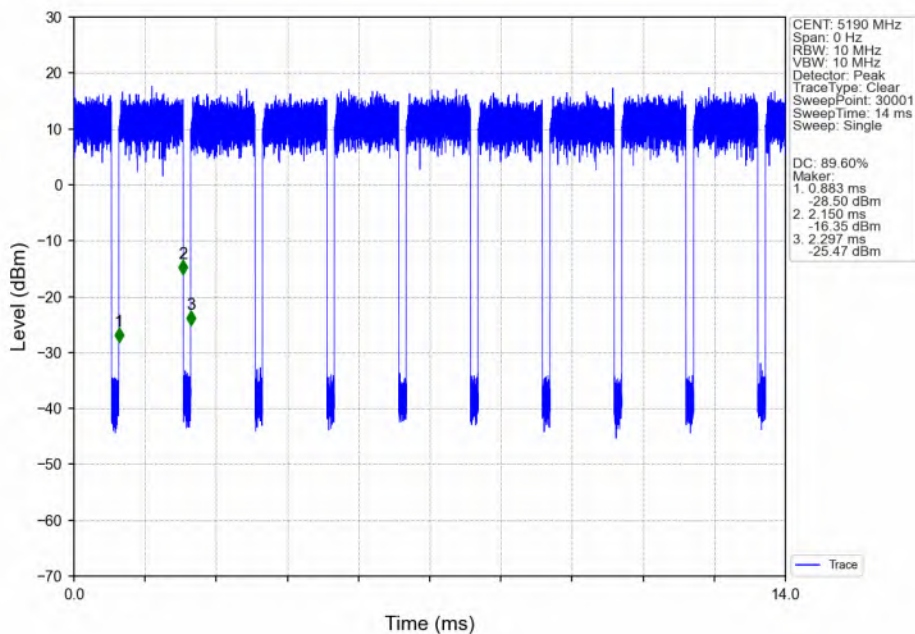
ANT3									
Mode	TX Type	Frequency (MHz)	RU	RU Pos	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
802.11a	SISO	5180	/	/	1.429	1.577	90.62	0.43	0.03
802.11n (HT20)	MIMO	5180	/	/	1.320	1.469	89.86	0.46	0.03
802.11n (HT40)	MIMO	5190	/	/	1.267	1.414	89.60	0.48	0.03
802.11ac (VHT80)	MIMO	5210	/	/	0.612	0.712	85.96	0.66	0.03
802.11ax (HEW20)	MIMO	5180	SU	/	1.987	2.066	96.18	0.17	0.03
802.11ax (HEW40)	MIMO	5190	SU	/	1.265	1.364	92.74	0.33	0.00
802.11ax (HEW80)	MIMO	5210	SU	/	0.976	1.076	90.71	0.42	0.03

1.2 Test Graph

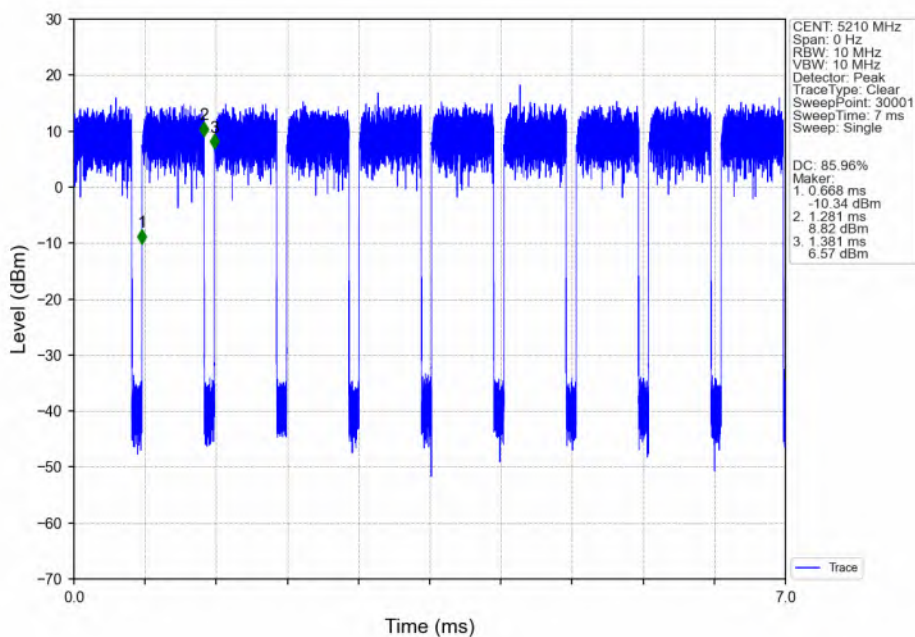
1.2.1 ANT2



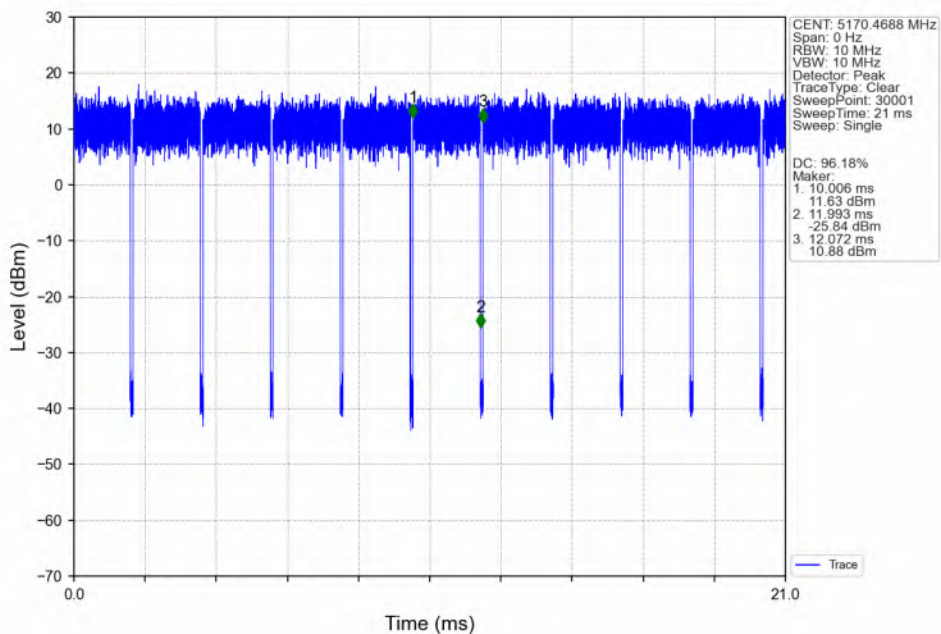
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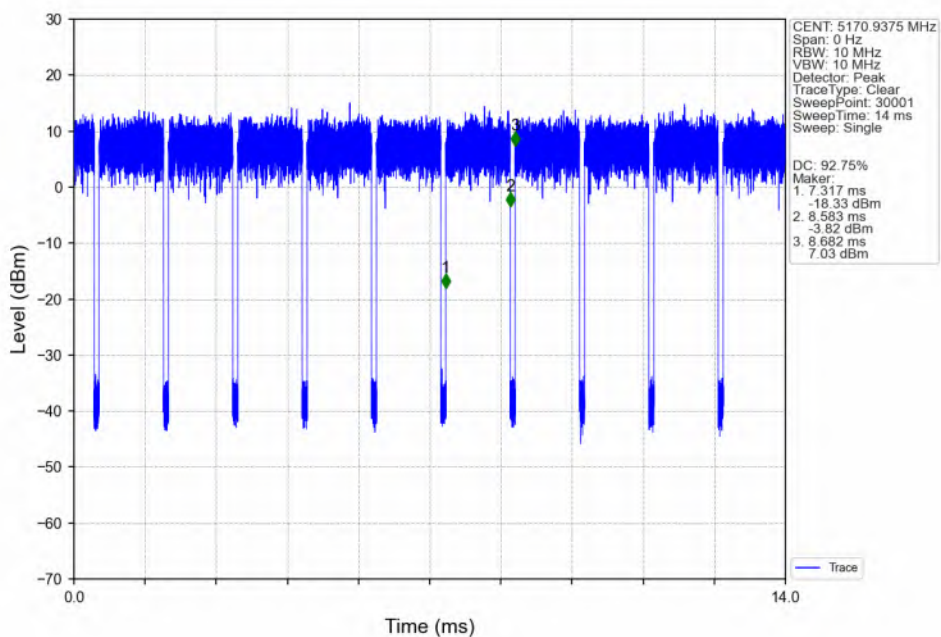
802.11ac(VHT80)_MCH_5210MHz_ANT2_NTNV



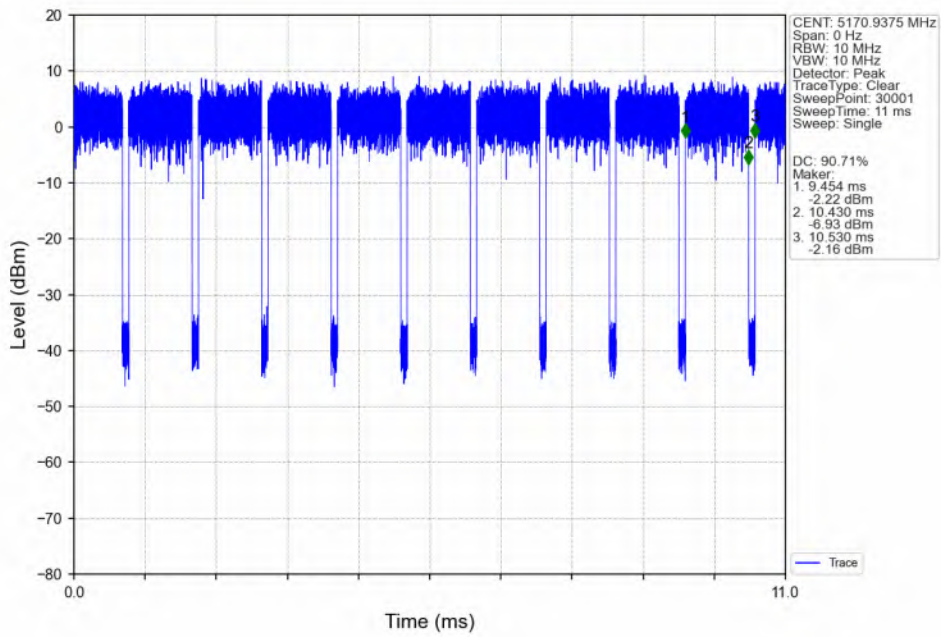
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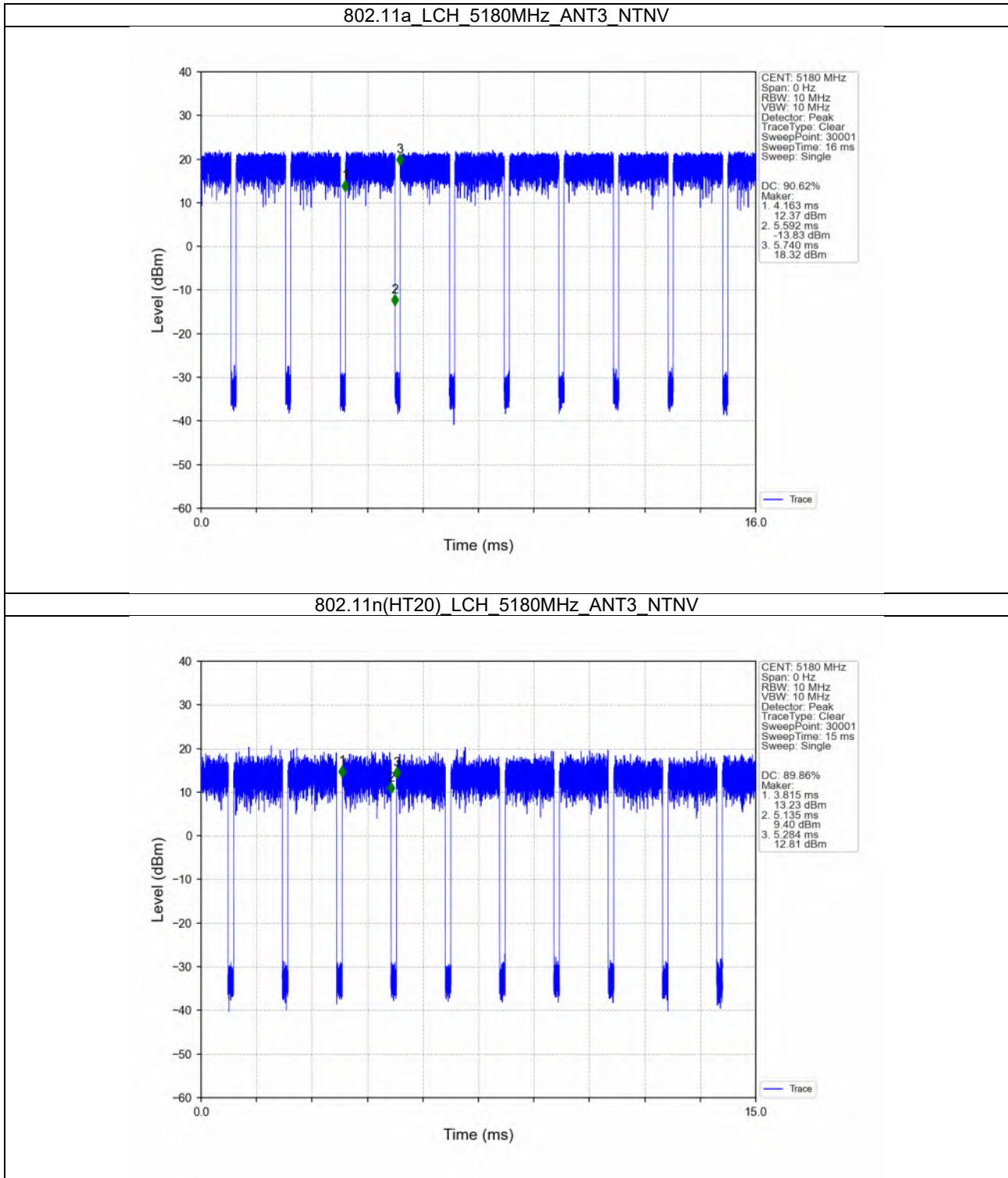
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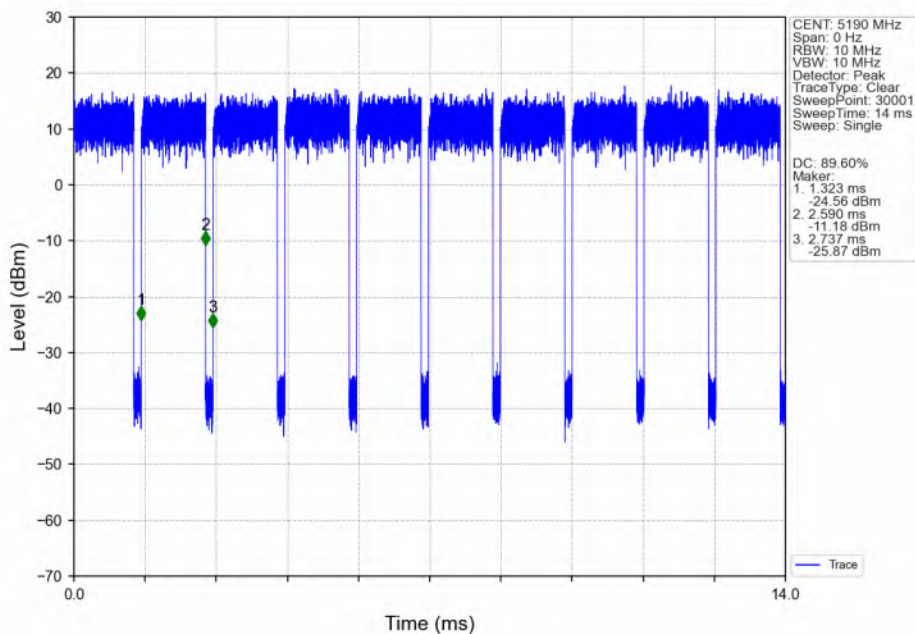
802.11ax(HEW80)_MCH_5210MHz_SU_/_ANT2_NTNV



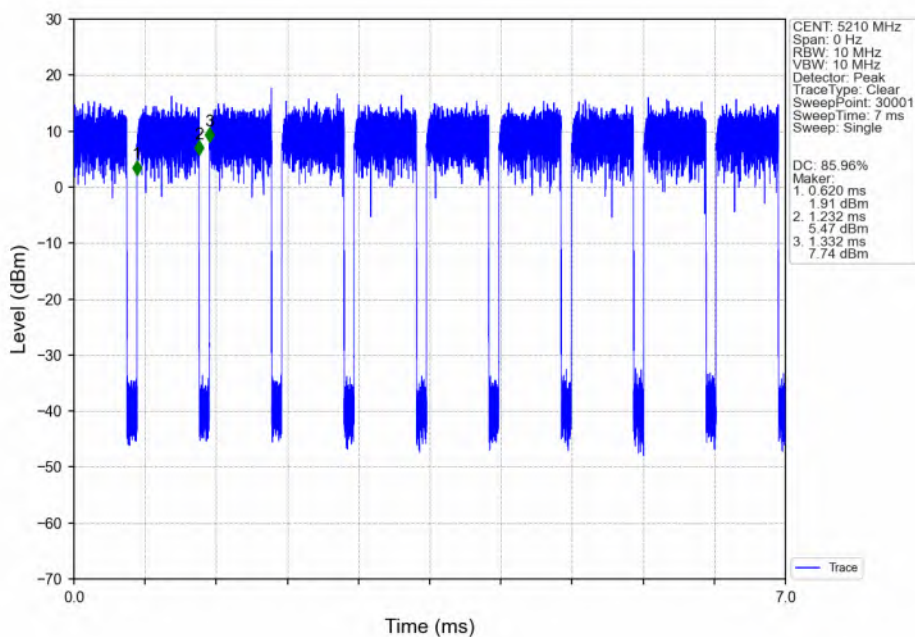
1.2.2 ANT3



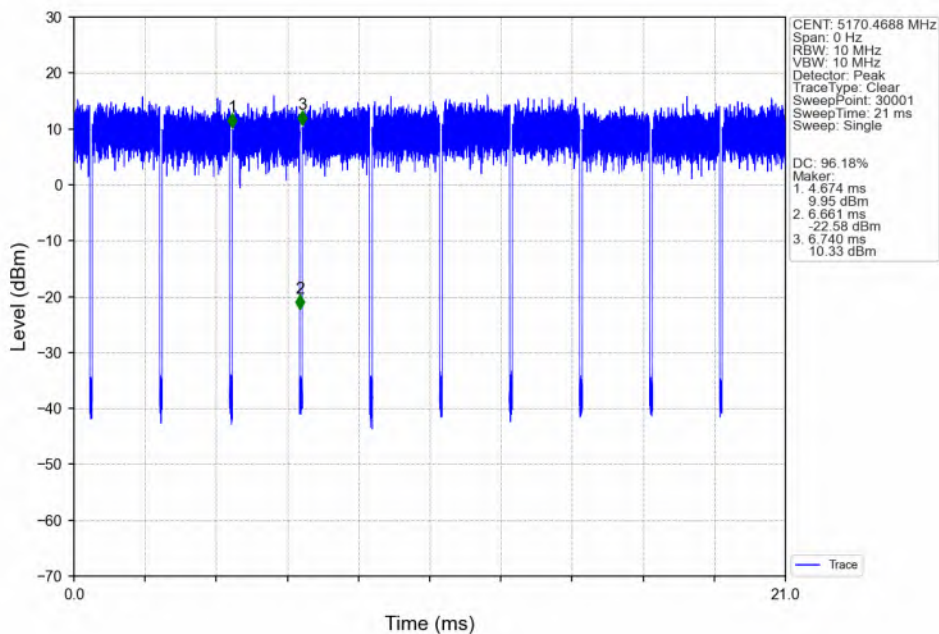
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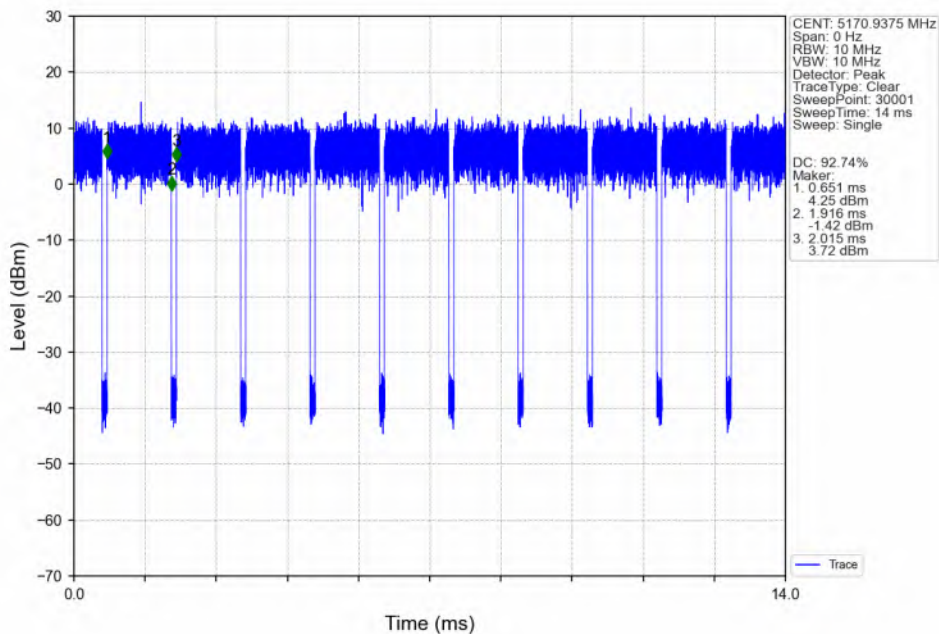
802.11ac(VHT80)_MCH_5210MHz_ANT3_NTNV



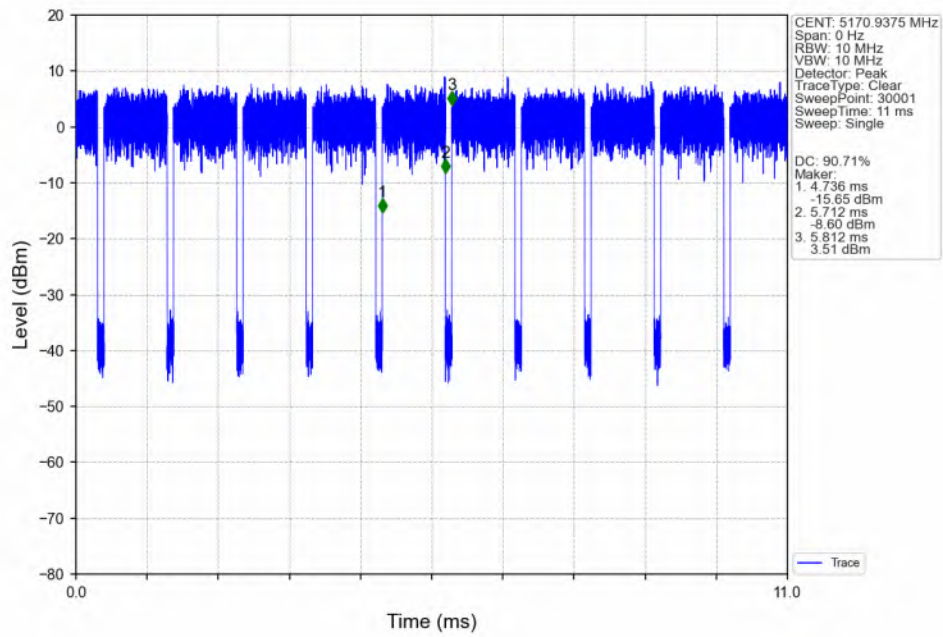
802.11ax(HEW20)_LCH_5180MHz_SU_/_ANT3_NTNV



802.11ax(HEW40)_LCH_5190MHz_SU_/_ANT3_NTNV



802.11ax(HEW80) MCH_5210MHz_SU_ / ANT3_NTNV



2. Bandwidth

2.1 Test Result

2.1.1 OBW

Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	99% Occupied Bandwidth (MHz)		Verdict
						Result	Limit	
802.11a	SISO	5180	/	/	2	17.862	/	Pass
					3	17.640	/	Pass
		5200	/	/	2	17.639	/	Pass
					3	17.254	/	Pass
		5240	/	/	2	17.766	/	Pass
					3	17.198	/	Pass
802.11n (HT20)	MIMO	5180	/	/	2	18.326	/	Pass
					3	18.060	/	Pass
		5200	/	/	2	18.201	/	Pass
					3	17.931	/	Pass
		5240	/	/	2	18.235	/	Pass
					3	17.985	/	Pass
802.11n (HT40)	MIMO	5190	/	/	2	36.495	/	Pass
					3	36.224	/	Pass
		5230	/	/	2	36.164	/	Pass
					3	36.264	/	Pass
802.11ac (VHT80)	MIMO	5210	/	/	2	75.661	/	Pass
					3	75.242	/	Pass
802.11ax (HEW20)	MIMO	5180	SU	/	2	19.342	/	Pass
					3	19.362	/	Pass
		5200	SU	/	2	19.283	/	Pass
					3	19.347	/	Pass
		5240	SU	/	2	19.205	/	Pass
					3	19.231	/	Pass
802.11ax (HEW40)	MIMO	5190	SU	/	2	37.929	/	Pass
					3	37.925	/	Pass
		5230	SU	/	2	37.725	/	Pass
					3	37.778	/	Pass
802.11ax (HEW80)	MIMO	5210	SU	/	2	77.009	/	Pass
					3	77.023	/	Pass

2.1.2 26dB BW

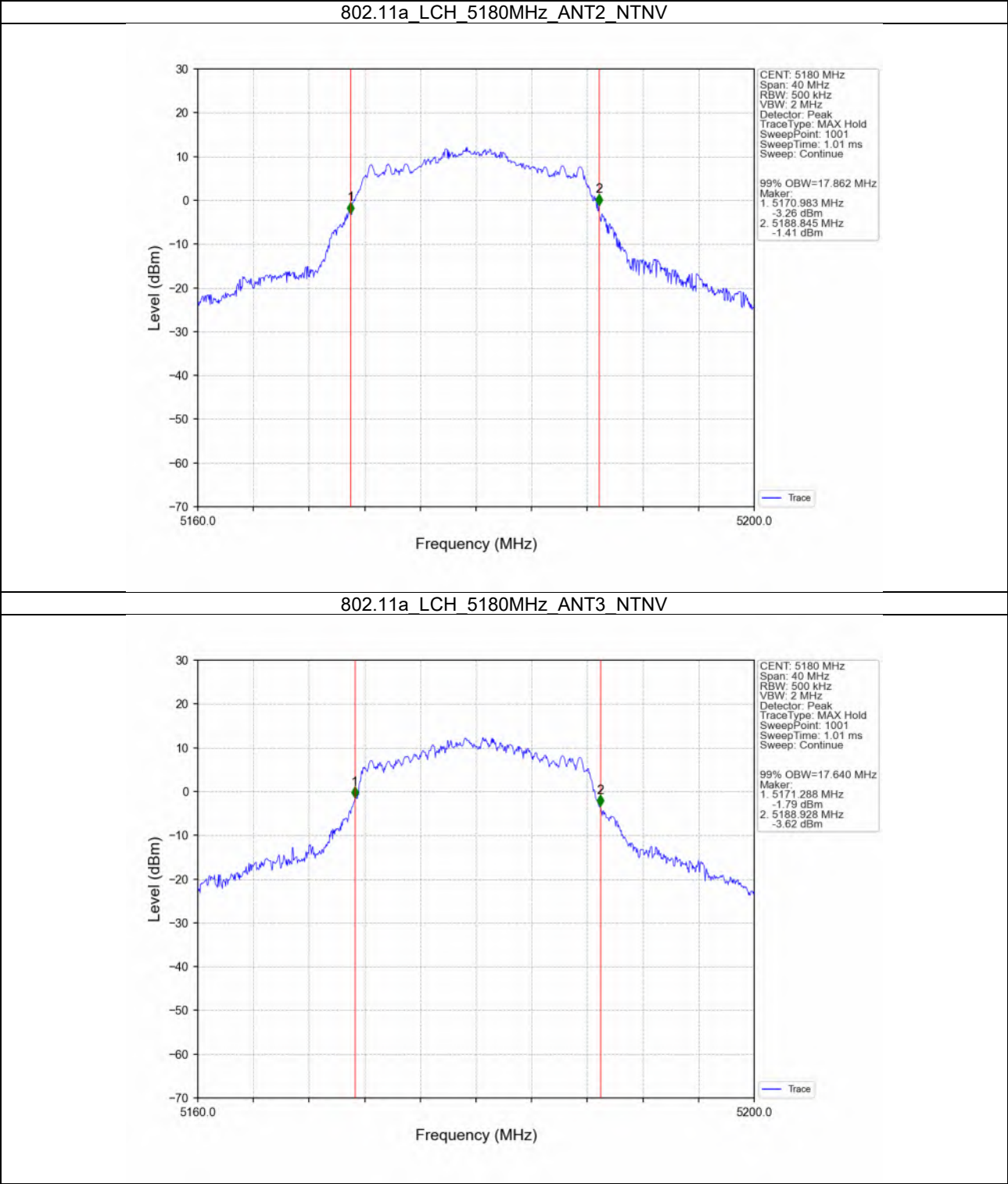
Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	26dB Bandwidth (MHz)		Verdict
						Result	Limit	
802.11a	SISO	5180	/	/	2	23.971	/	Pass
					3	25.372	/	Pass
		5200	/	/	2	23.937	/	Pass
					3	23.185	/	Pass
		5240	/	/	2	23.964	/	Pass
					3	22.059	/	Pass
802.11n (HT20)	MIMO	5180	/	/	2	21.805	/	Pass
					3	21.996	/	Pass
		5200	/	/	2	21.815	/	Pass
					3	21.413	/	Pass
		5240	/	/	2	21.798	/	Pass
					3	21.661	/	Pass



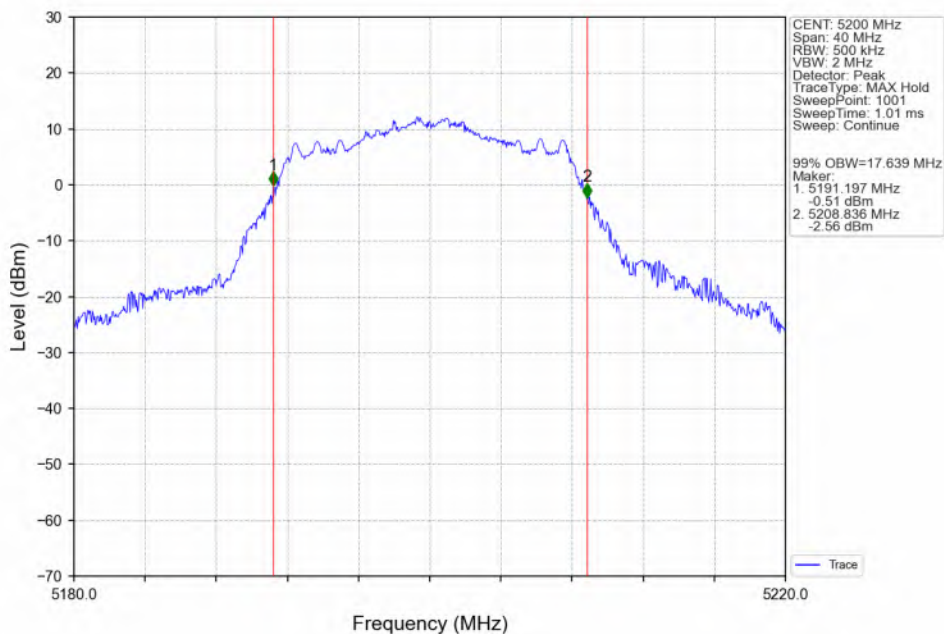
802.11n (HT40)	MIMO	5190	/	/	2	40.577	/	Pass
					3	40.003	/	Pass
		5230	/	/	2	40.159	/	Pass
					3	40.110	/	Pass
802.11ac (VHT80)	MIMO	5210	/	/	2	82.442	/	Pass
					3	81.503	/	Pass
802.11ax (HEW20)	MIMO	5180	SU	/	2	21.882	/	Pass
					3	24.246	/	Pass
		5200	SU	/	2	21.916	/	Pass
					3	22.105	/	Pass
		5240	SU	/	2	21.922	/	Pass
					3	21.957	/	Pass
802.11ax (HEW40)	MIMO	5190	SU	/	2	41.334	/	Pass
					3	49.783	/	Pass
		5230	SU	/	2	41.009	/	Pass
					3	41.162	/	Pass
802.11ax (HEW80)	MIMO	5210	SU	/	2	82.469	/	Pass
					3	82.272	/	Pass

2.2 Test Graph

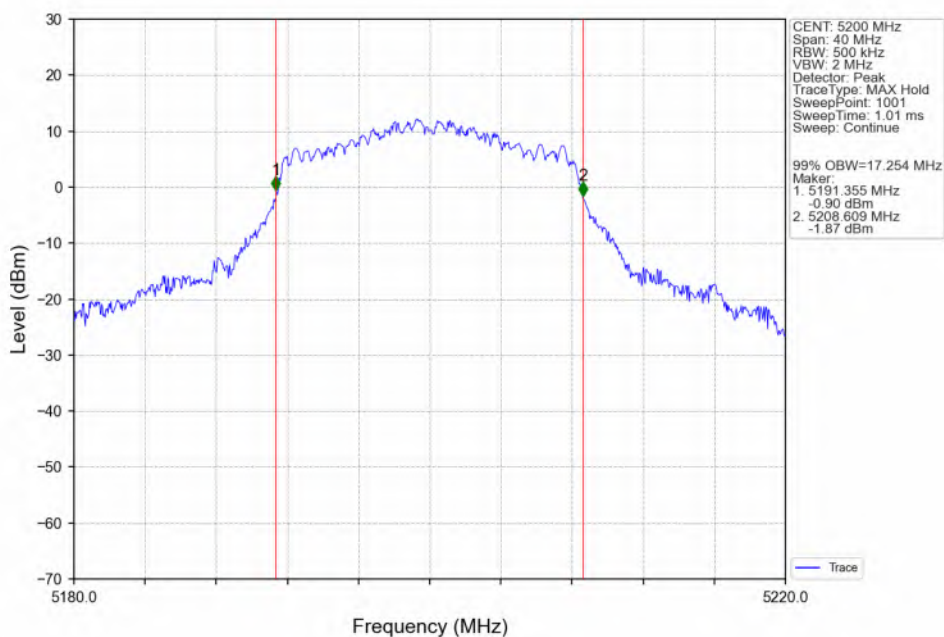
2.2.1 OBW



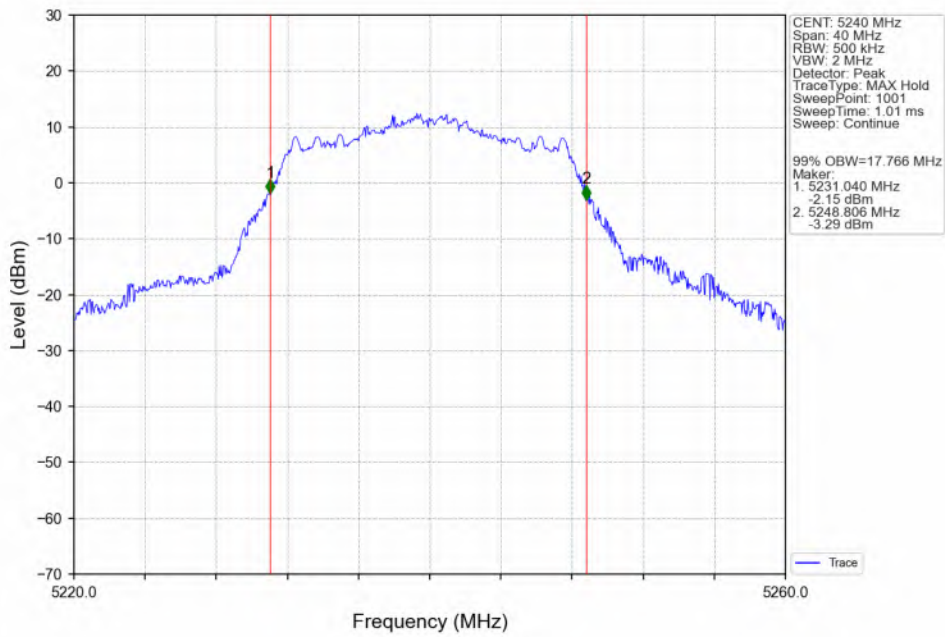
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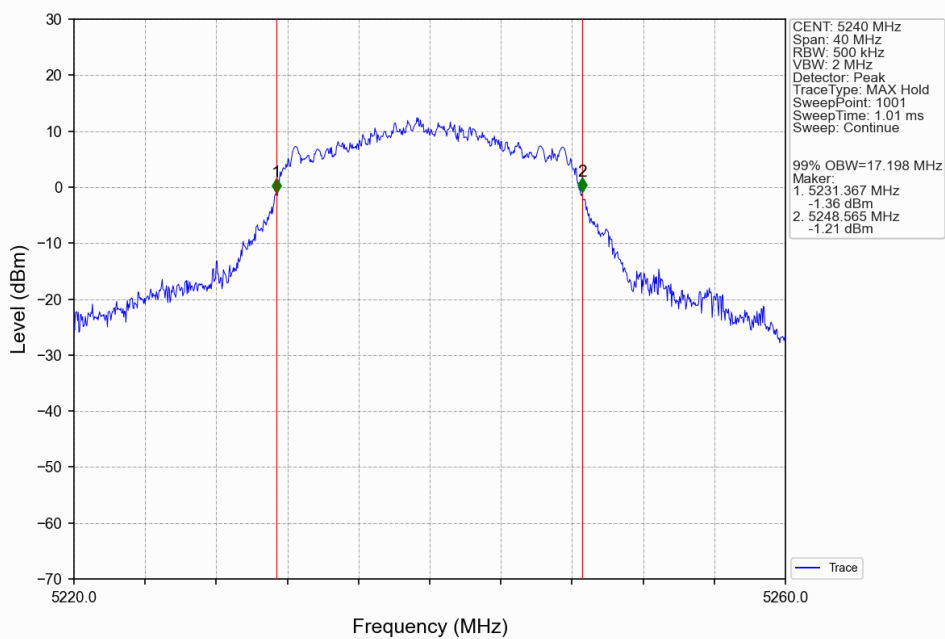
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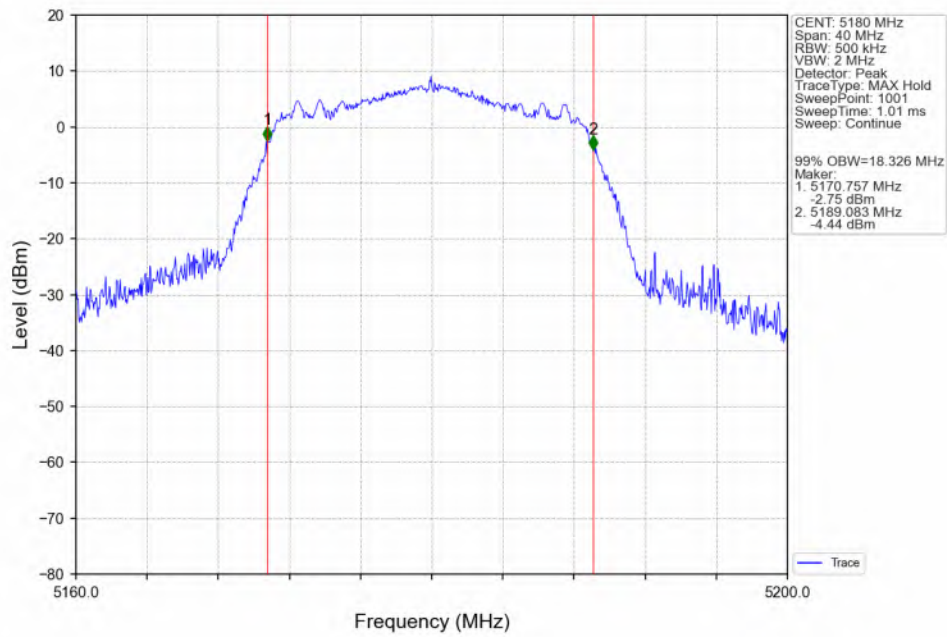
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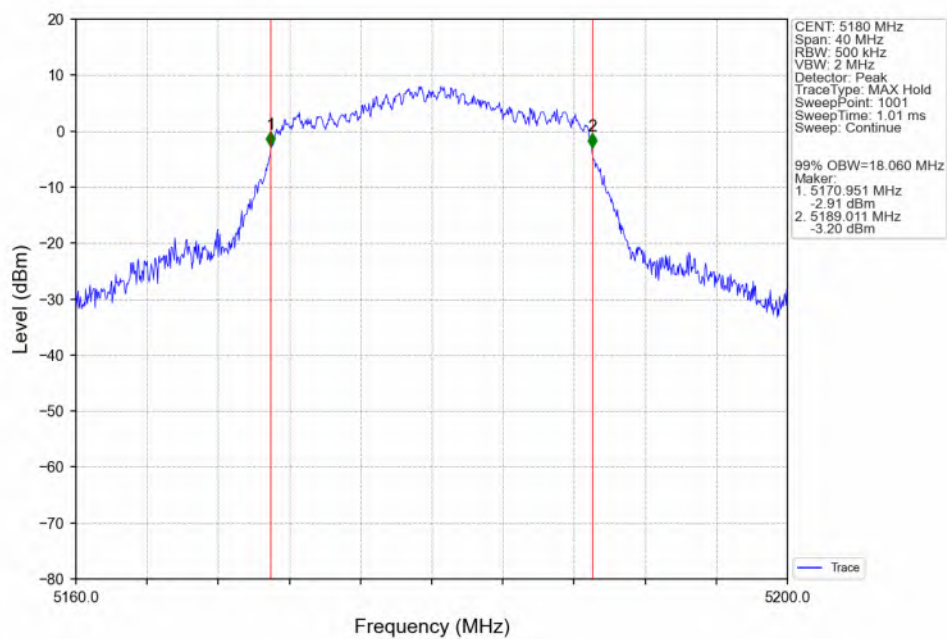
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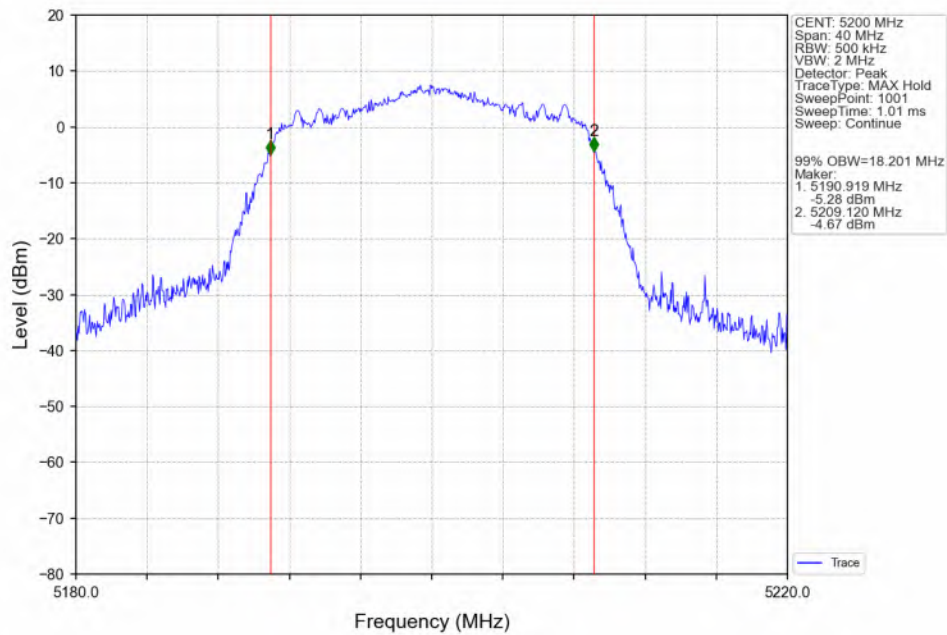
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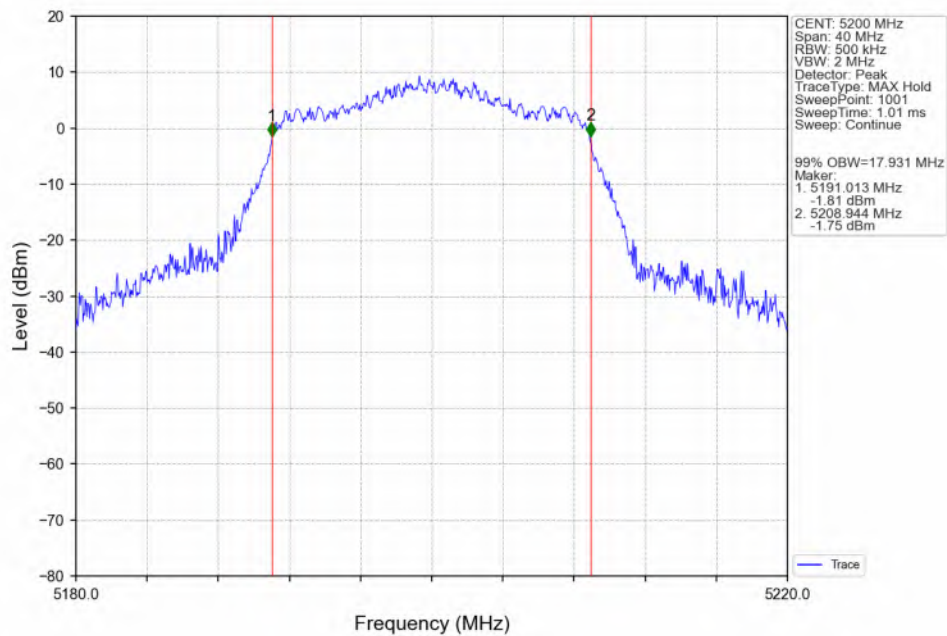
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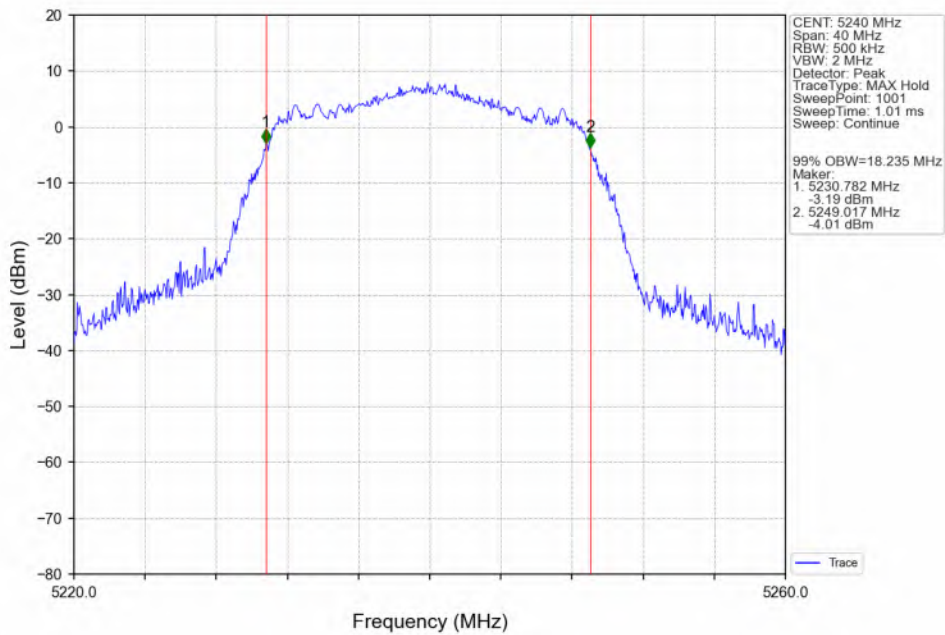
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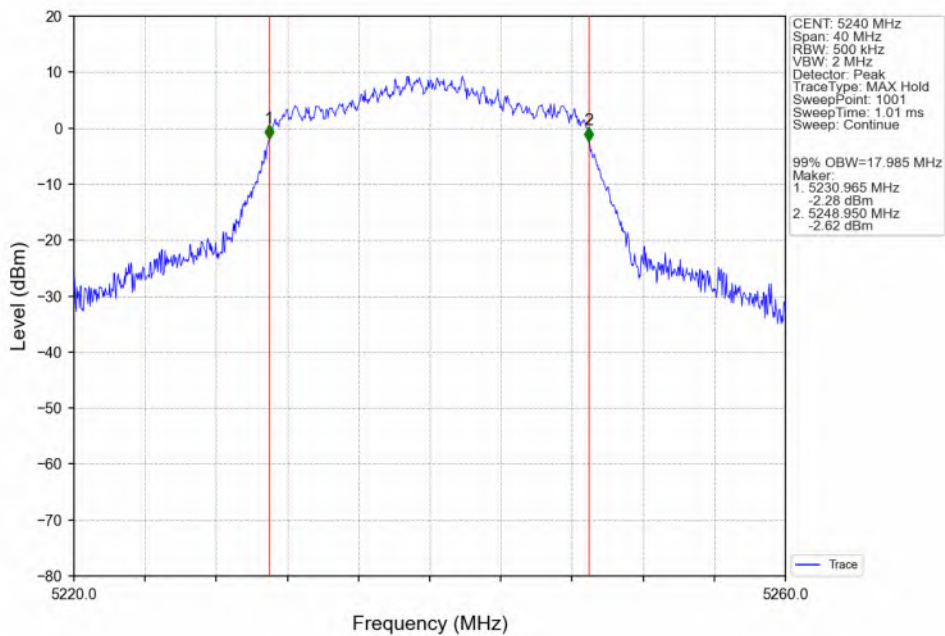
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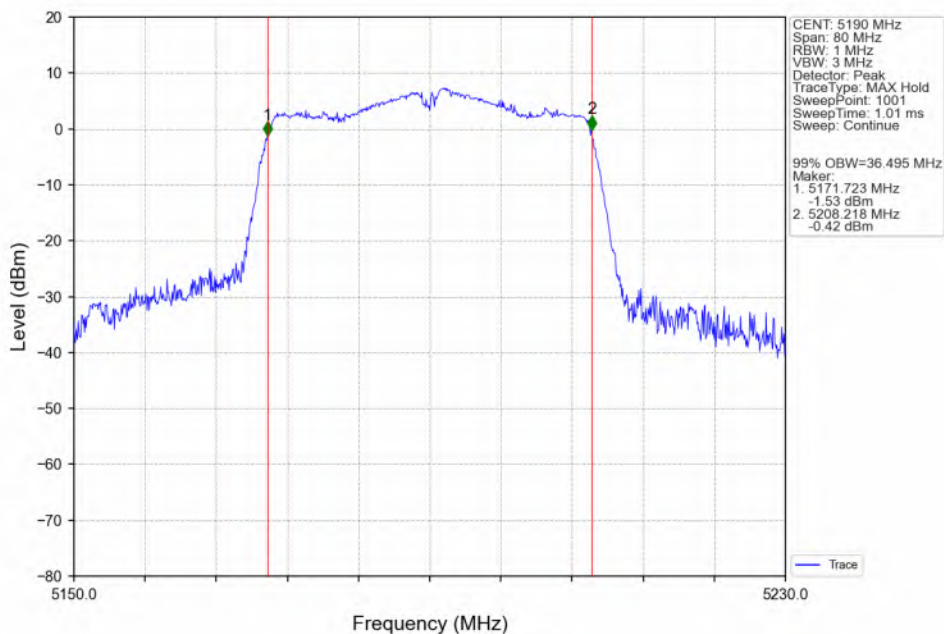
802.11n(HT20)_HCH_5240MHz_ANT2_NTNV



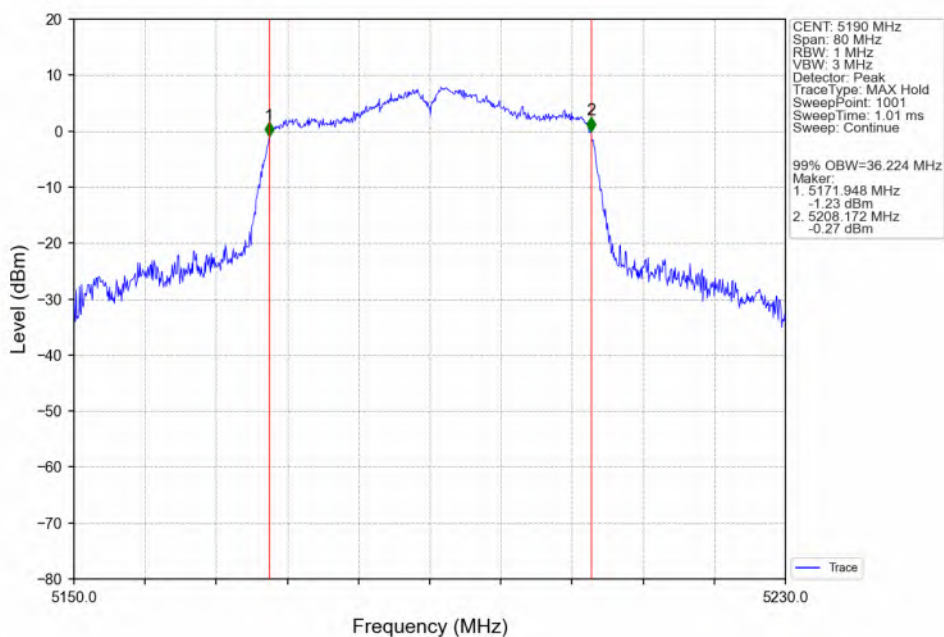
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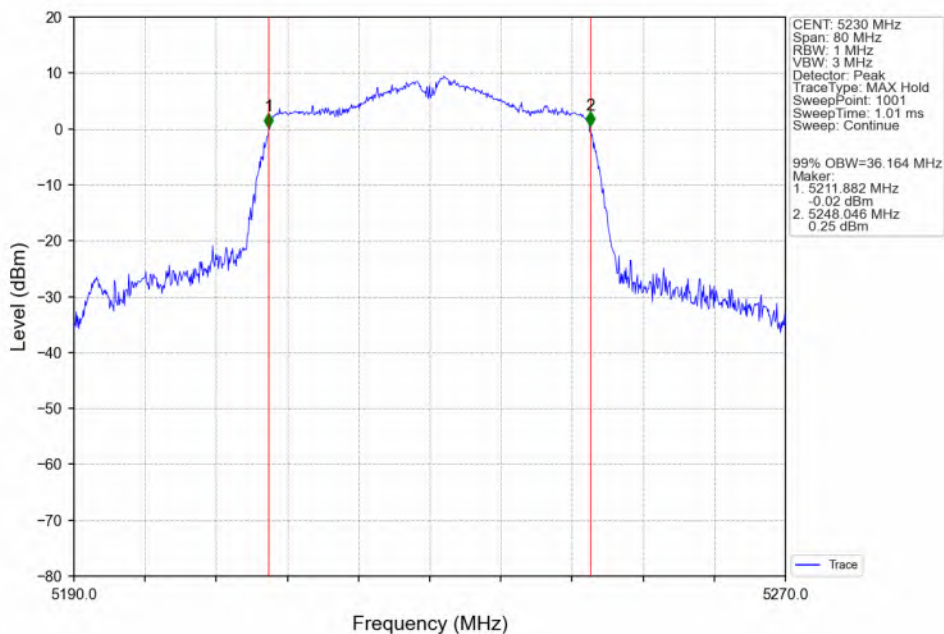
802.11n(HT40)_LCH_5190MHz_ANT2_NTNV



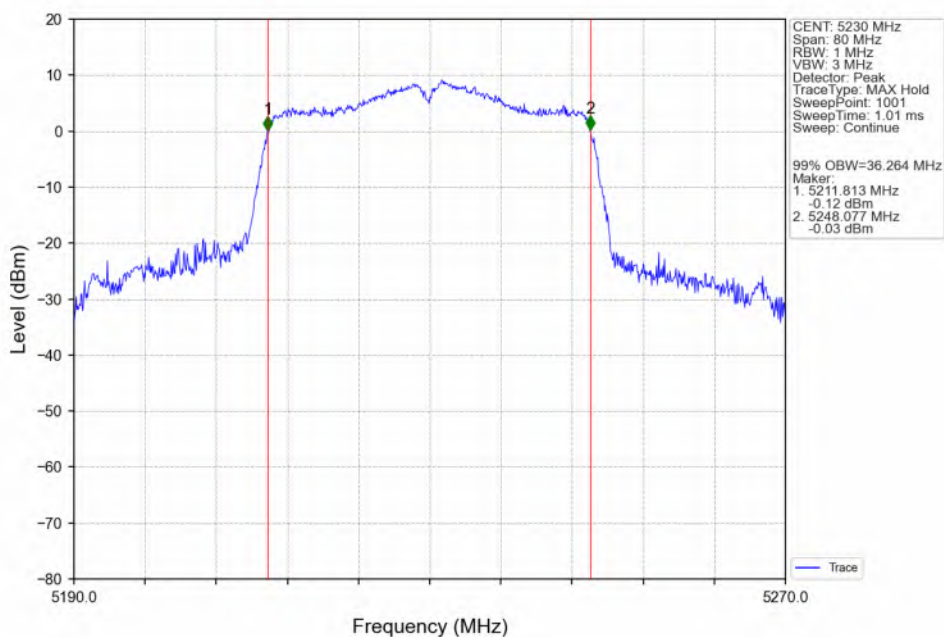
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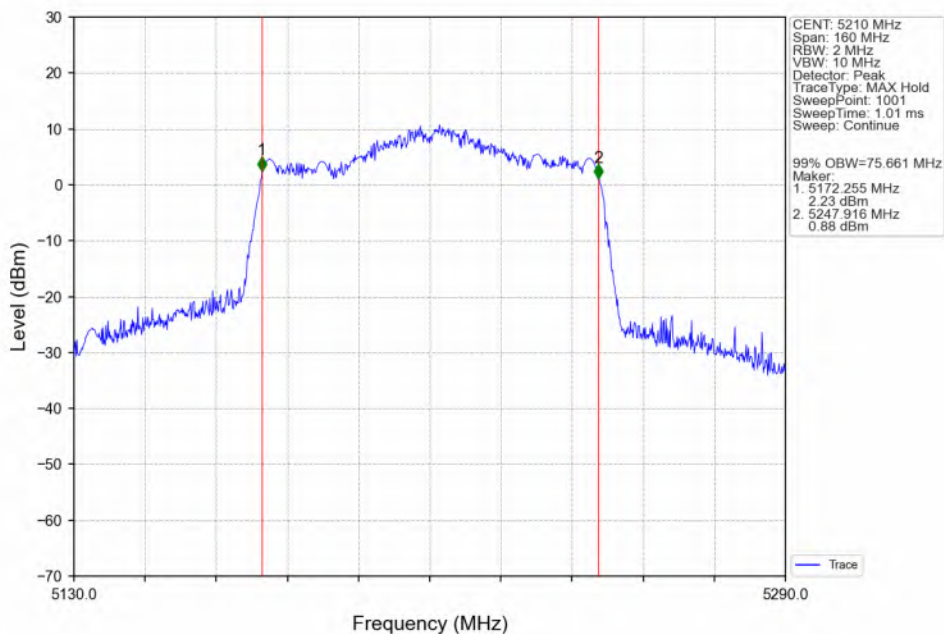
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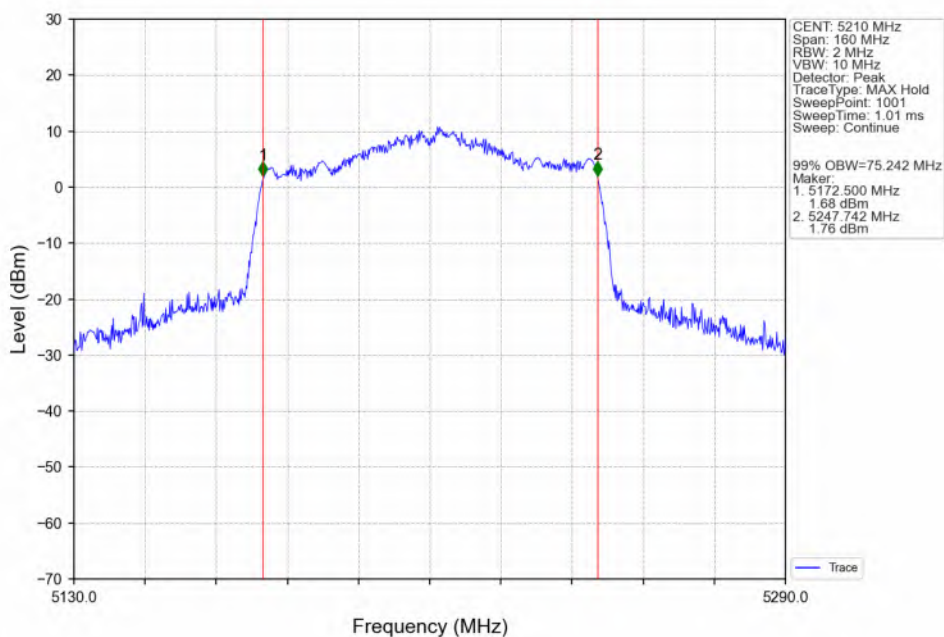
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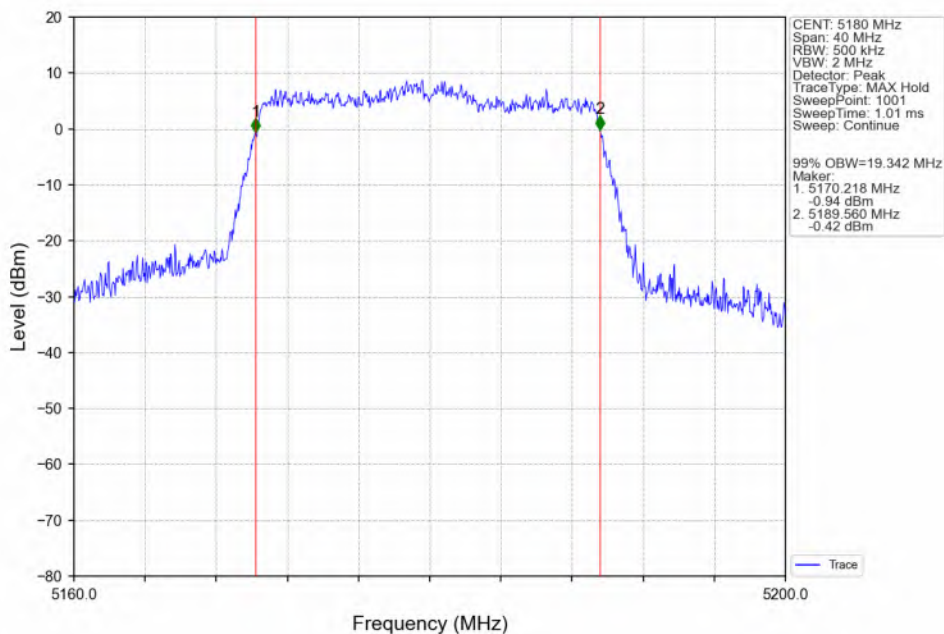
802.11ac(VHT80)_MCH_5210MHz_ANT2_NTNV



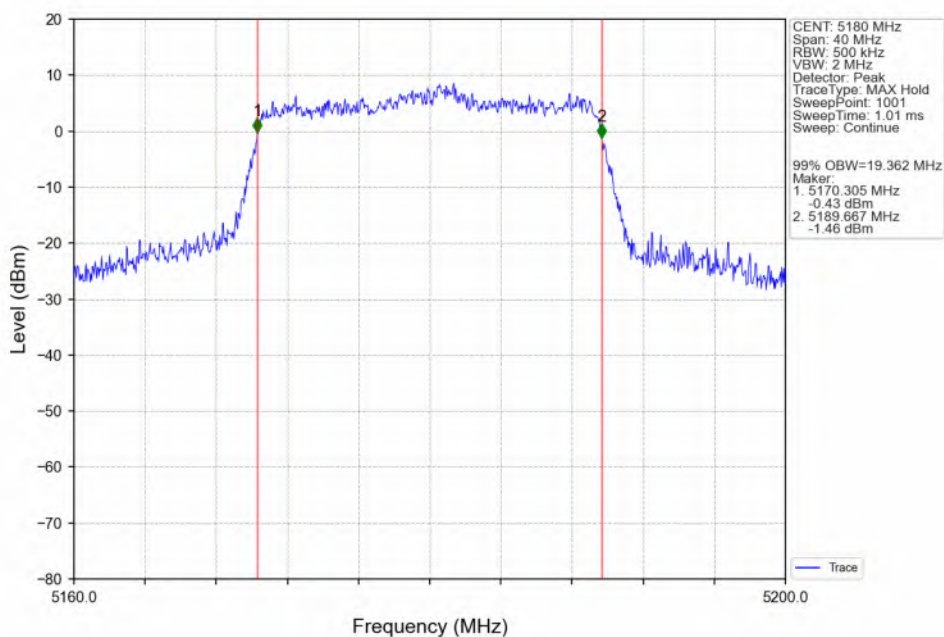
802.11ac(VHT80)_MCH_5210MHz_ANT3_NTNV



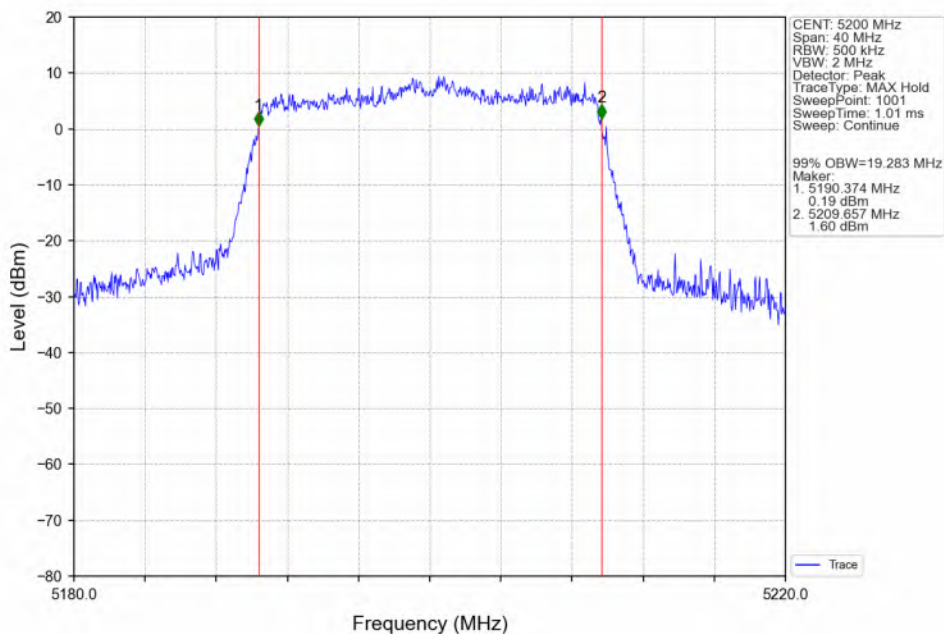
802.11ax(HEW20)_LCH_5180MHz_SU / _ANT2_NTNV



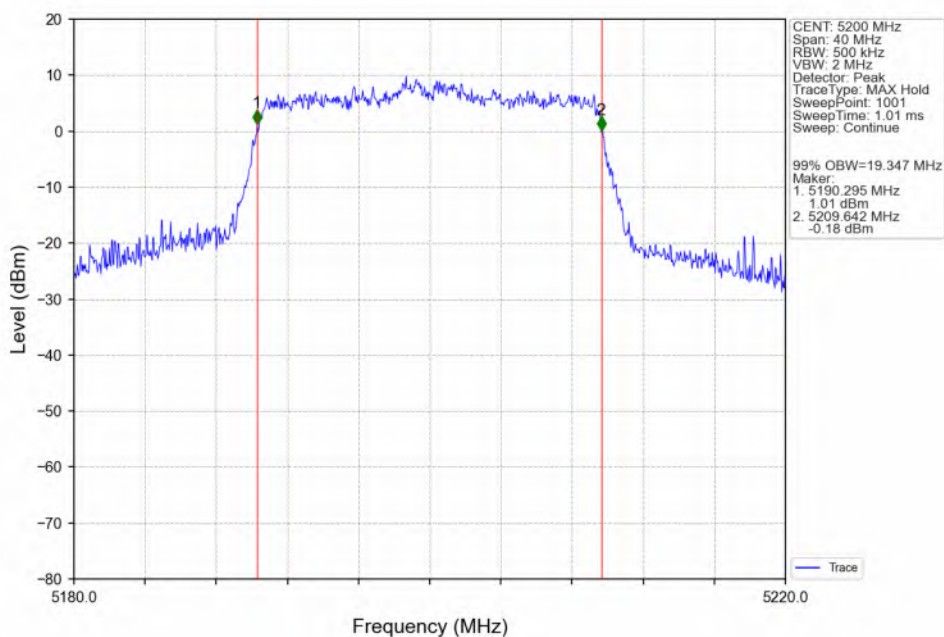
802.11ax(HEW20)_LCH_5180MHz_SU / _ANT3_NTNV



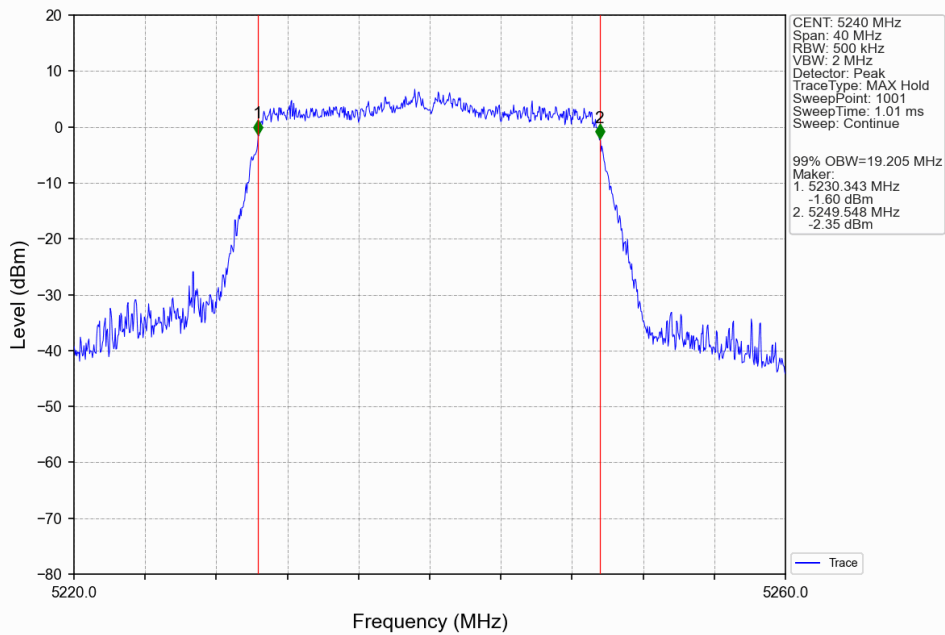
802.11ax(HEW20)_MCH_5200MHz_SU_/_ANT2_NTNV



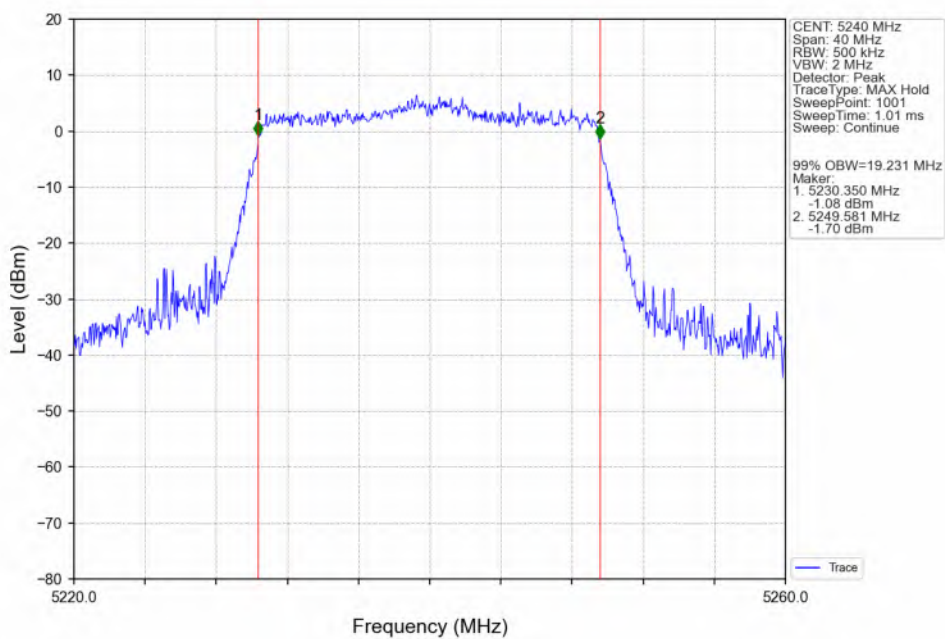
802.11ax(HEW20)_MCH_5200MHz_SU_/_ANT3_NTNV



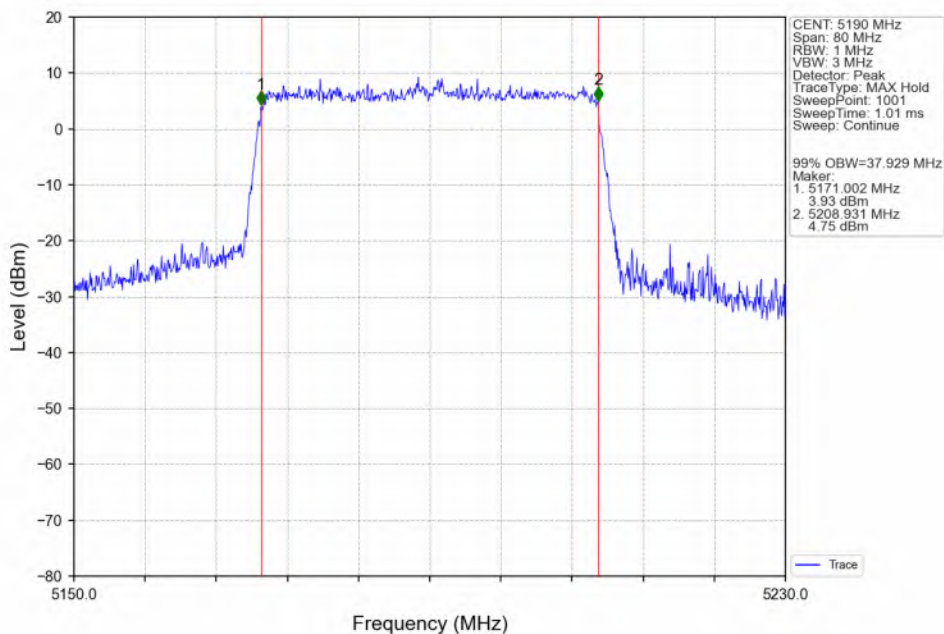
802.11ax(HEW20) HCH 5240MHz_SU / _ANT2_NTNV



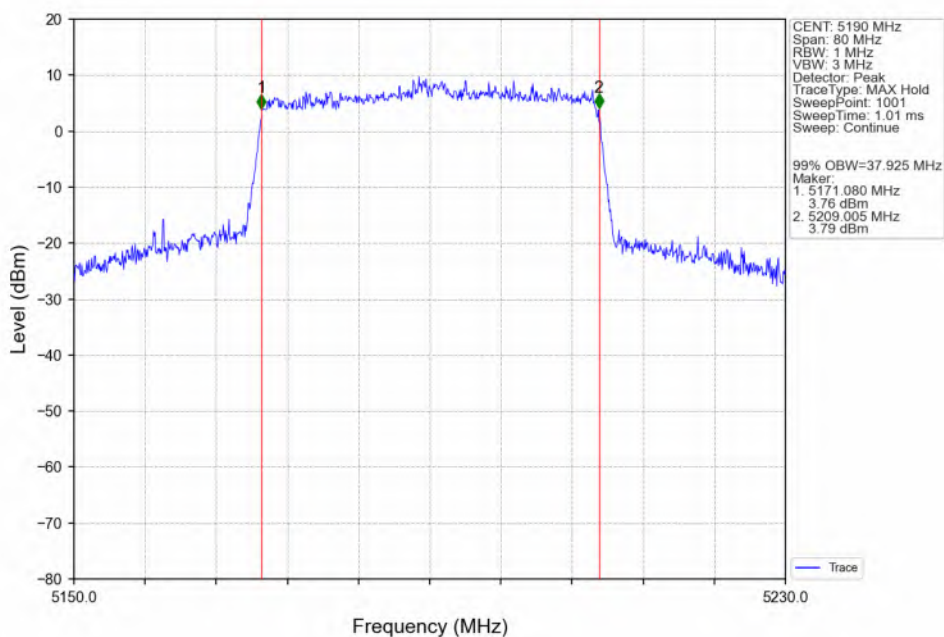
802.11ax(HEW20) HCH 5240MHz_SU / _ANT3_NTNV



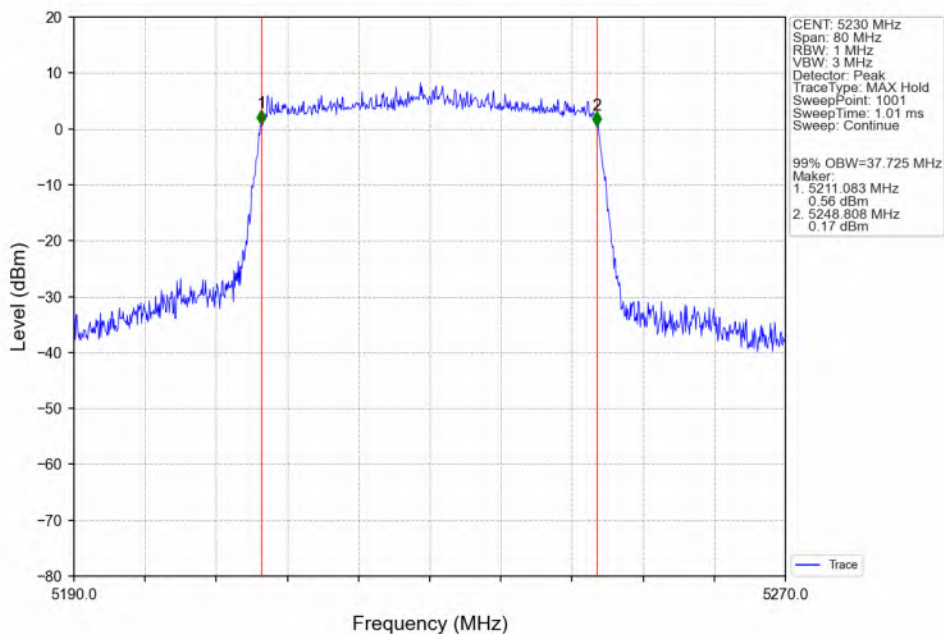
802.11ax(HEW40)_LCH_5190MHz_SU / _ANT2_NTNV



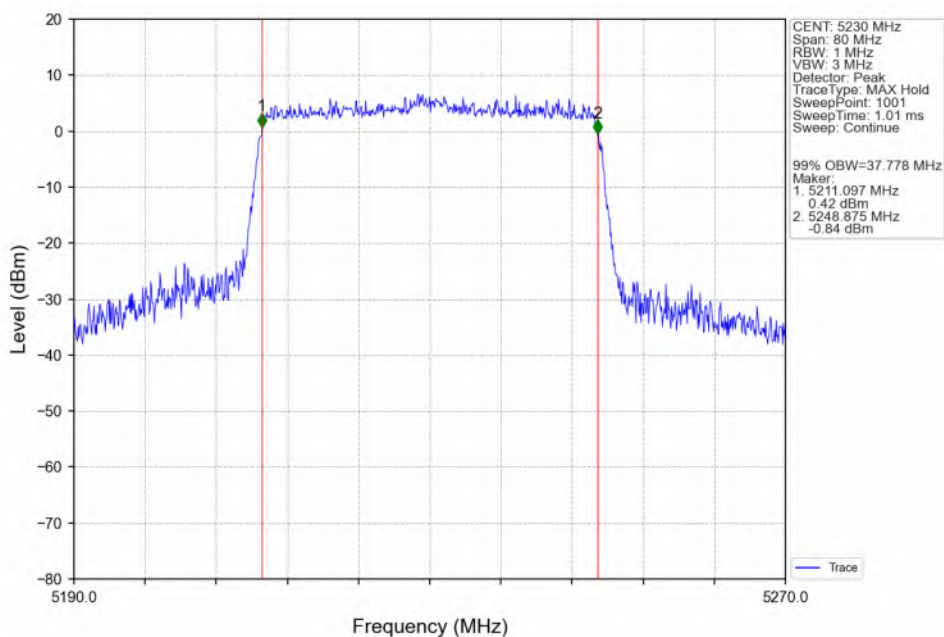
802.11ax(HEW40)_LCH_5190MHz_SU / _ANT3_NTNV



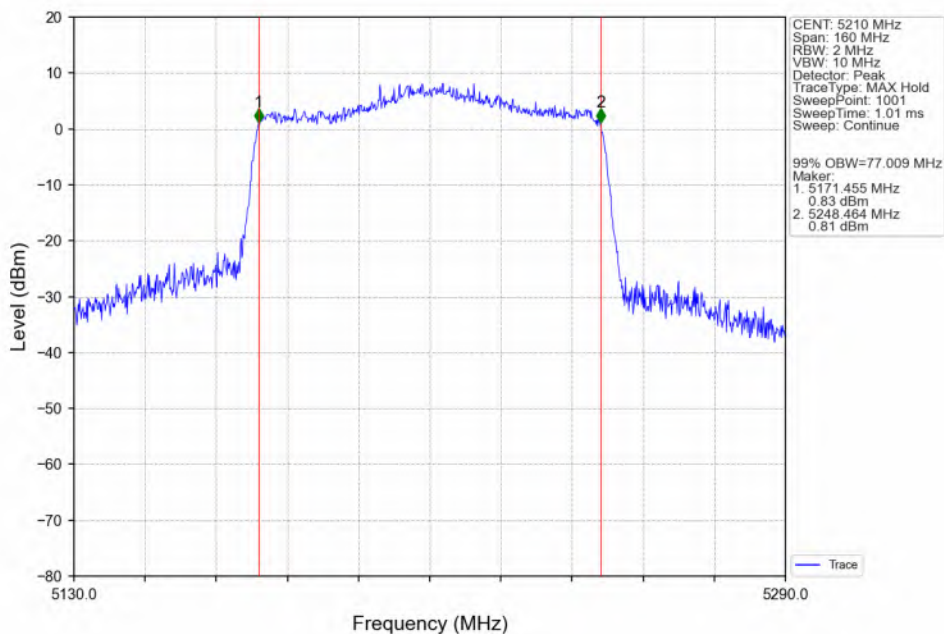
802.11ax(HEW40) HCH 5230MHz_SU / _ANT2_NTNV



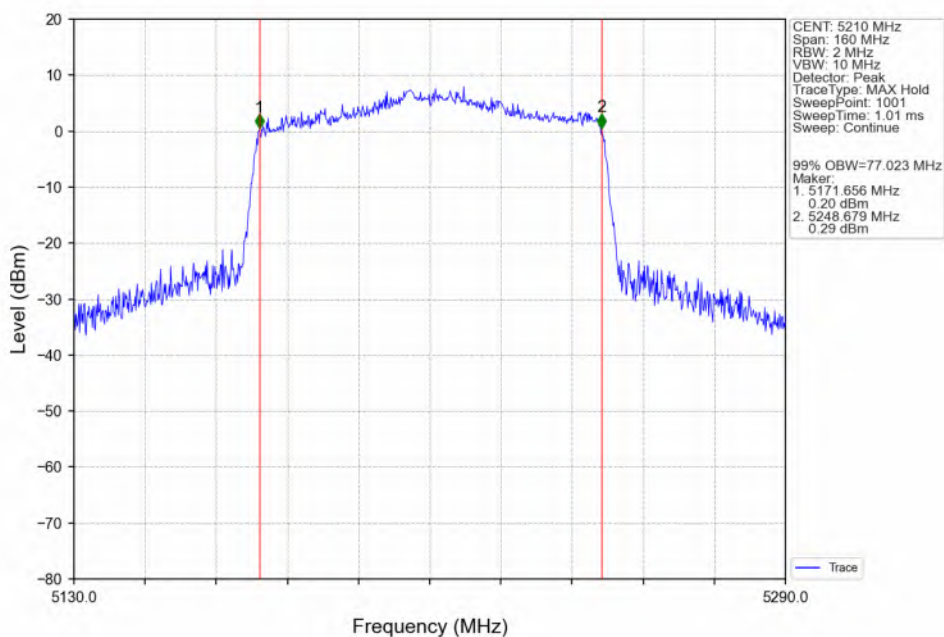
802.11ax(HEW40) HCH 5230MHz_SU / _ANT3_NTNV



802.11ax(HEW80)_MCH_5210MHz_SU_/_ANT2_NTNV

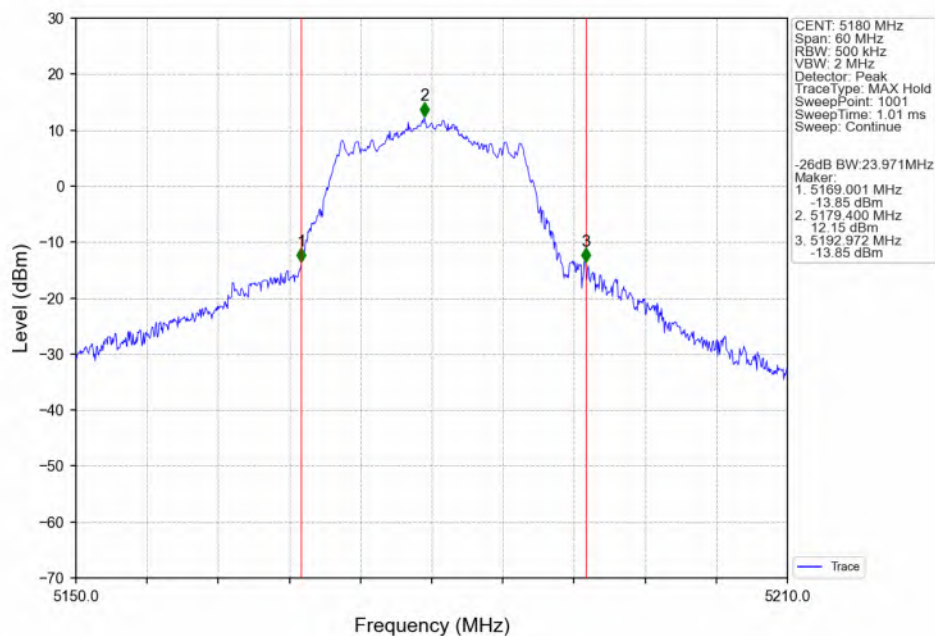


802.11ax(HEW80)_MCH_5210MHz_SU_/_ANT3_NTNV

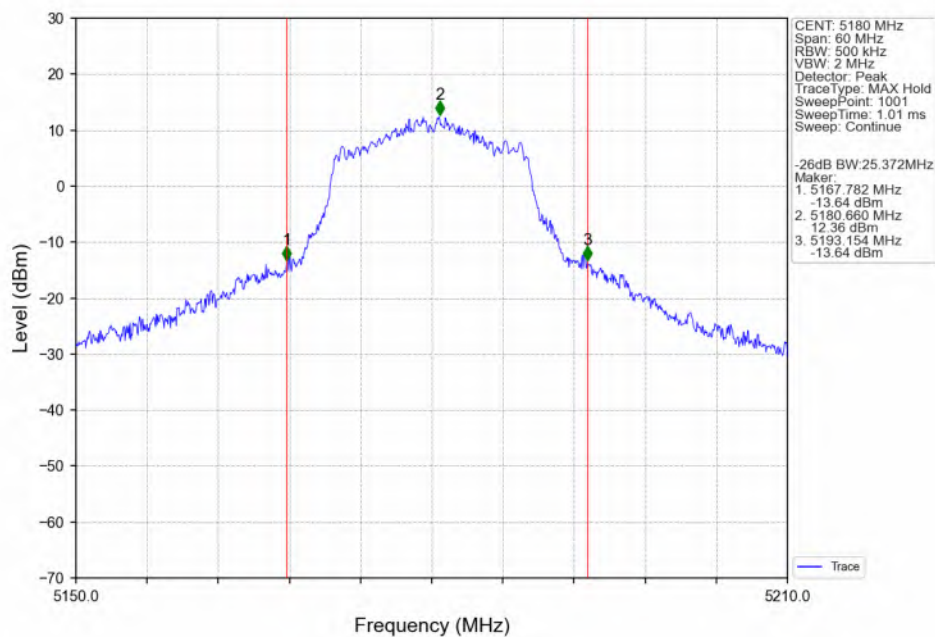


2.2.2 26dB BW

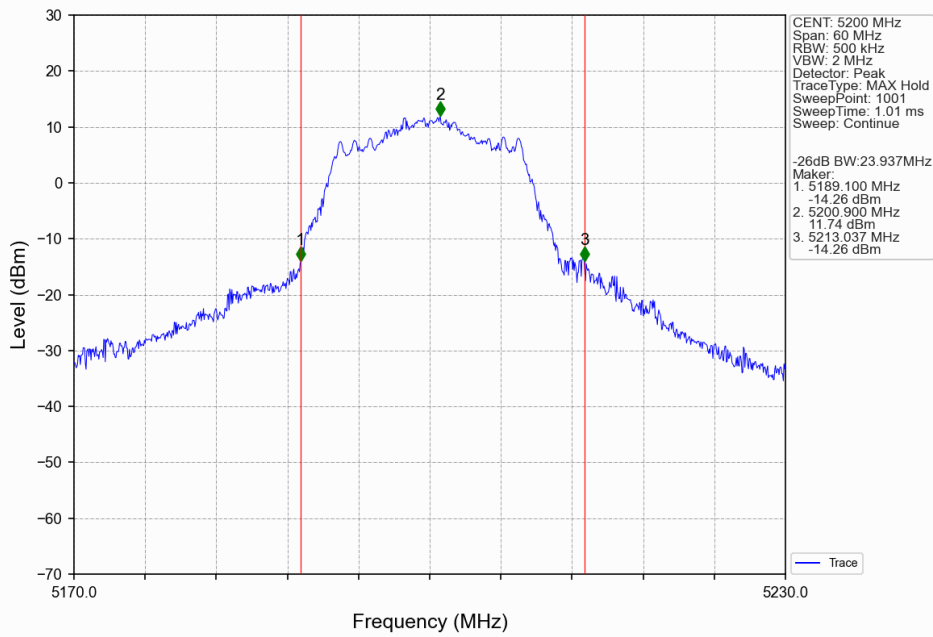
802.11a_LCH_5180MHz_ANT2_NTNV



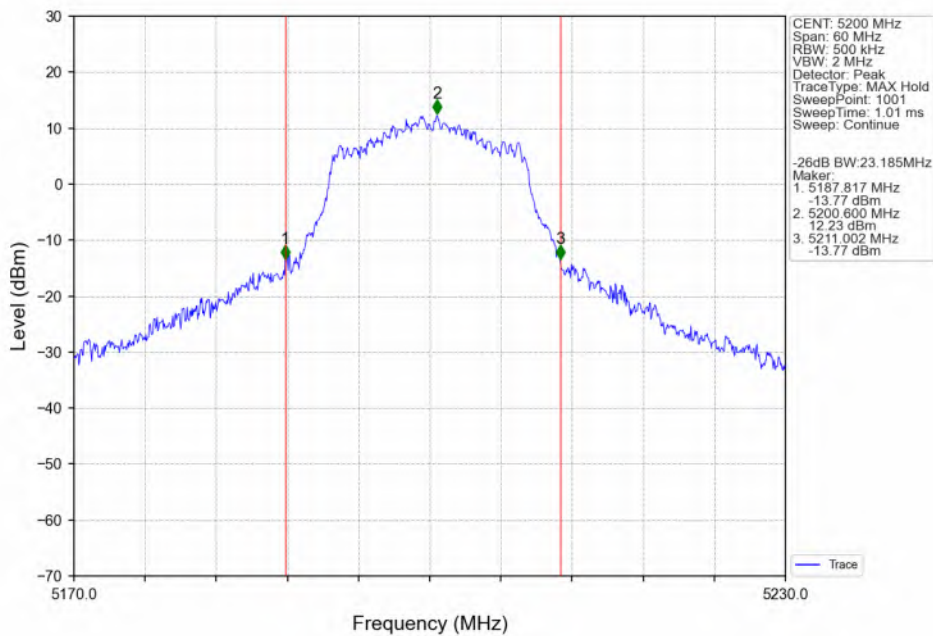
802.11a_LCH_5180MHz_ANT3_NTNV



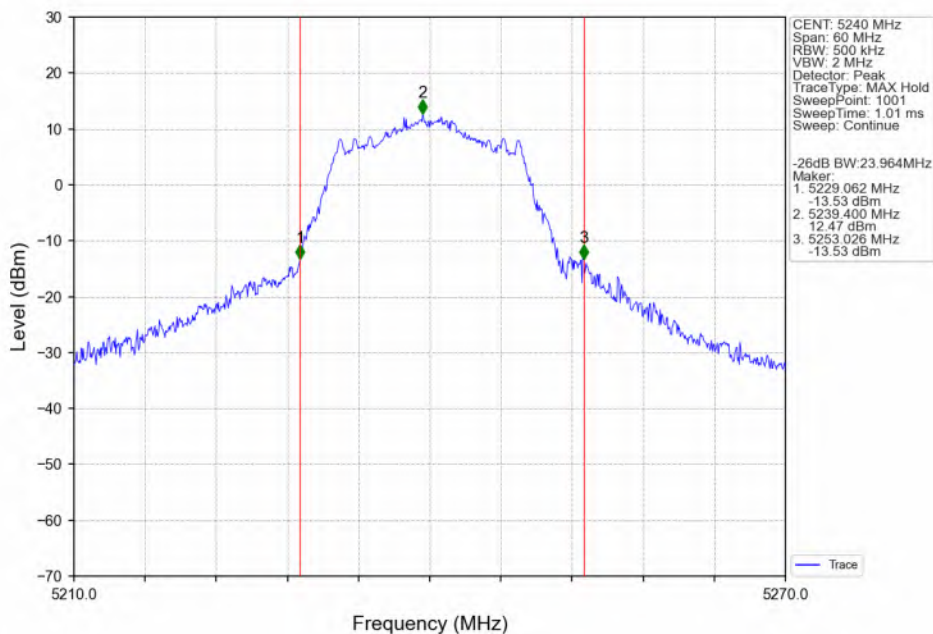
802.11a_MCH_5200MHz_ANT2_NTNV



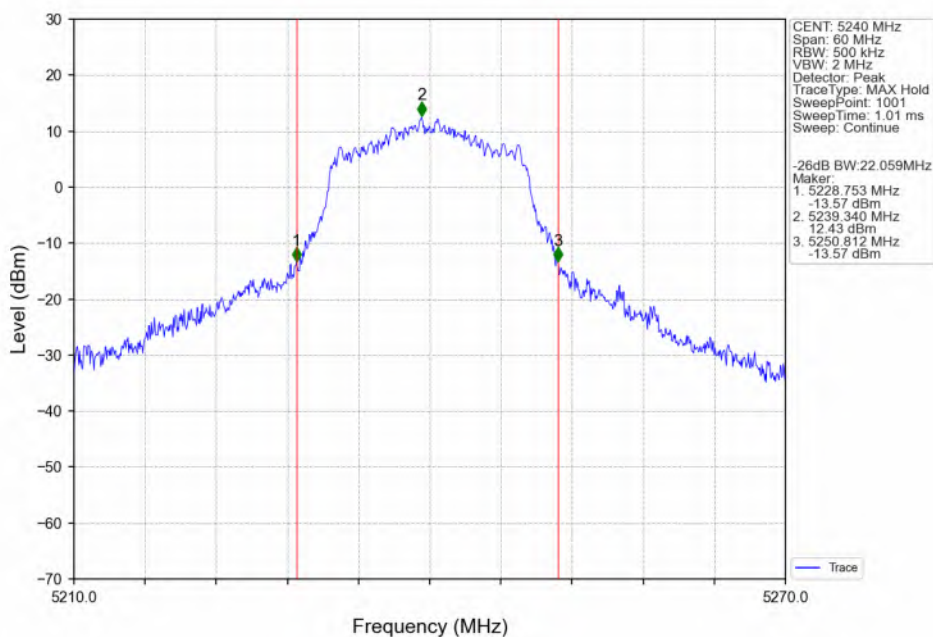
802.11a_MCH_5200MHz_ANT3_NTNV



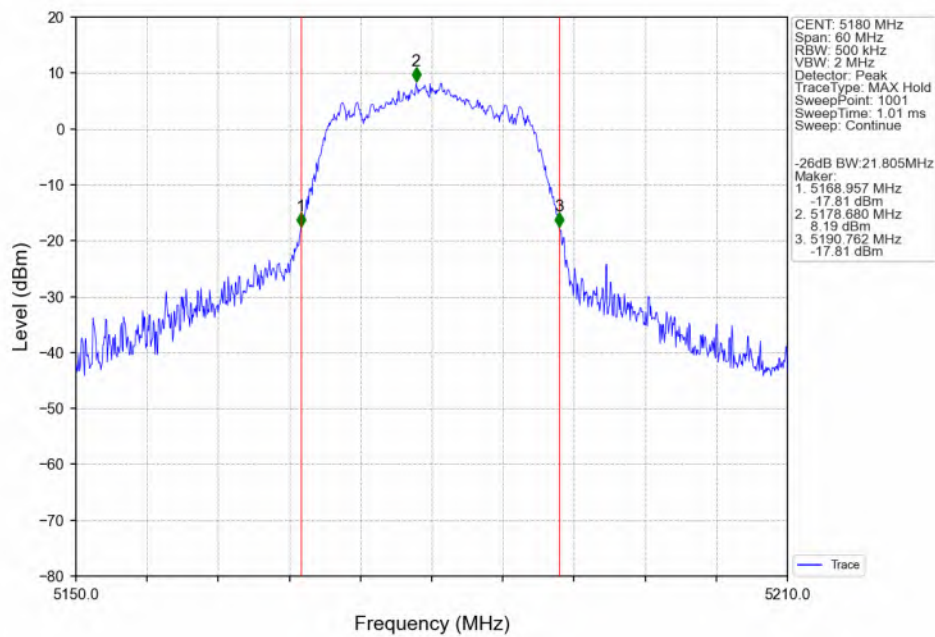
802.11a_HCH_5240MHz_ANT2_NTNV



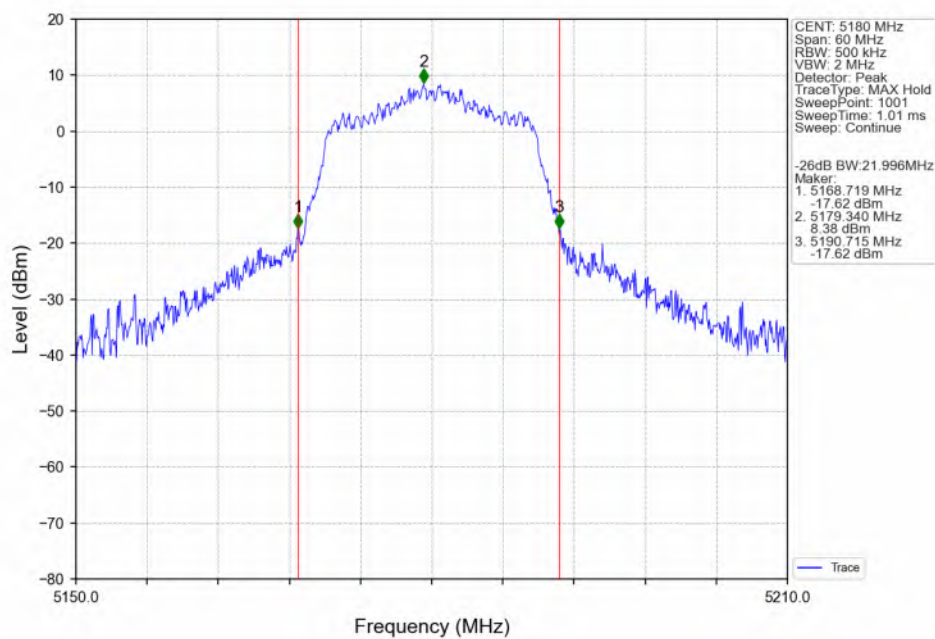
802.11a_HCH_5240MHz_ANT3_NTNV



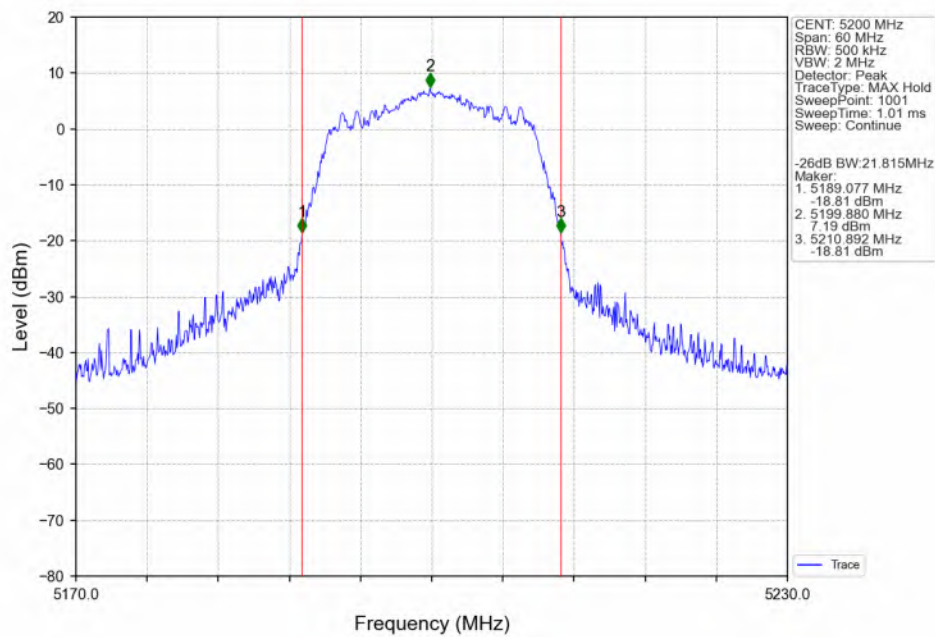
802.11n(HT20)_LCH_5180MHz_ANT2_NTNV



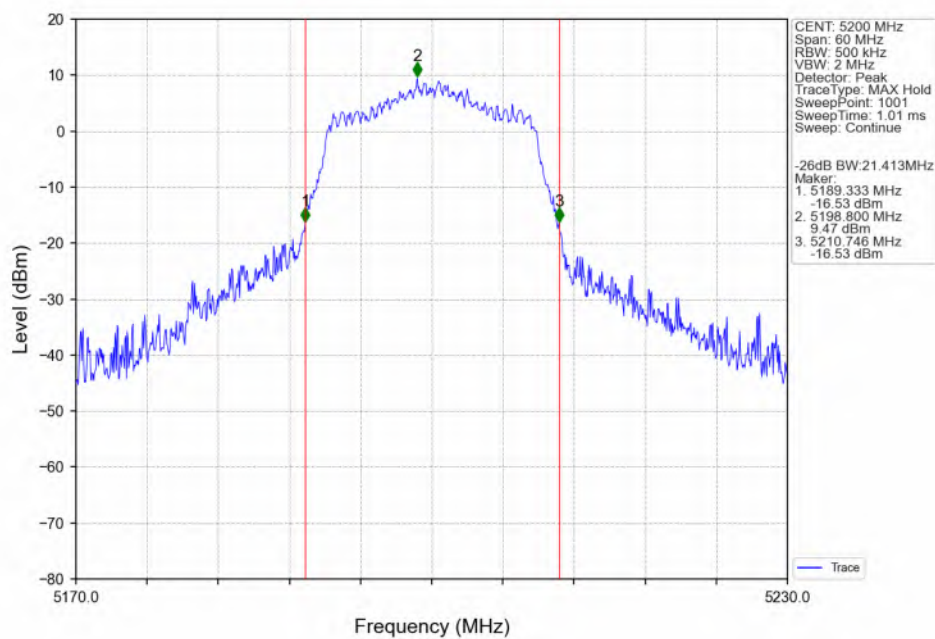
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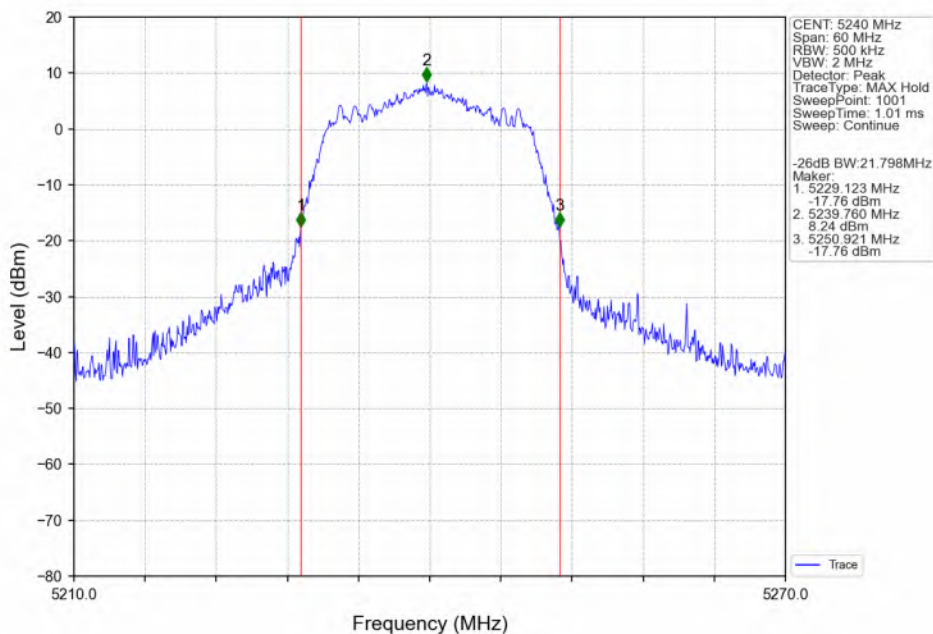
802.11n(HT20)_MCH_5200MHz_ANT2_NTNV



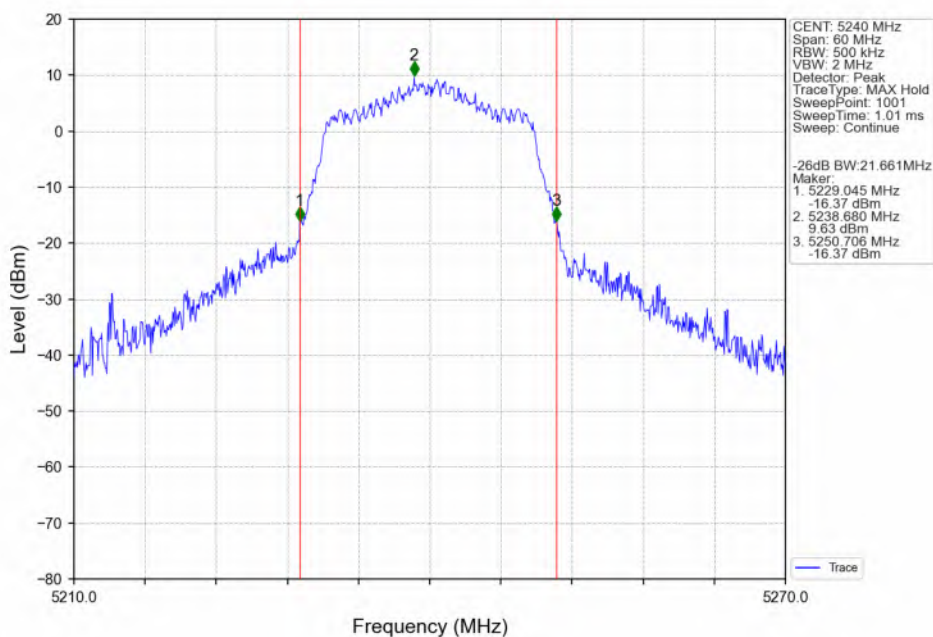
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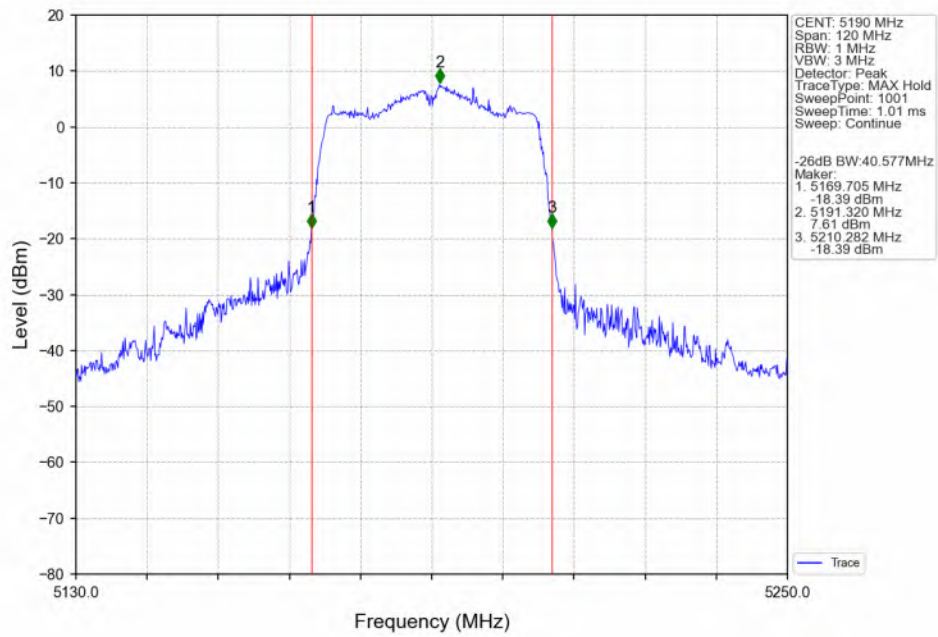
802.11n(HT20)_HCH_5240MHz_ANT2_NTNV



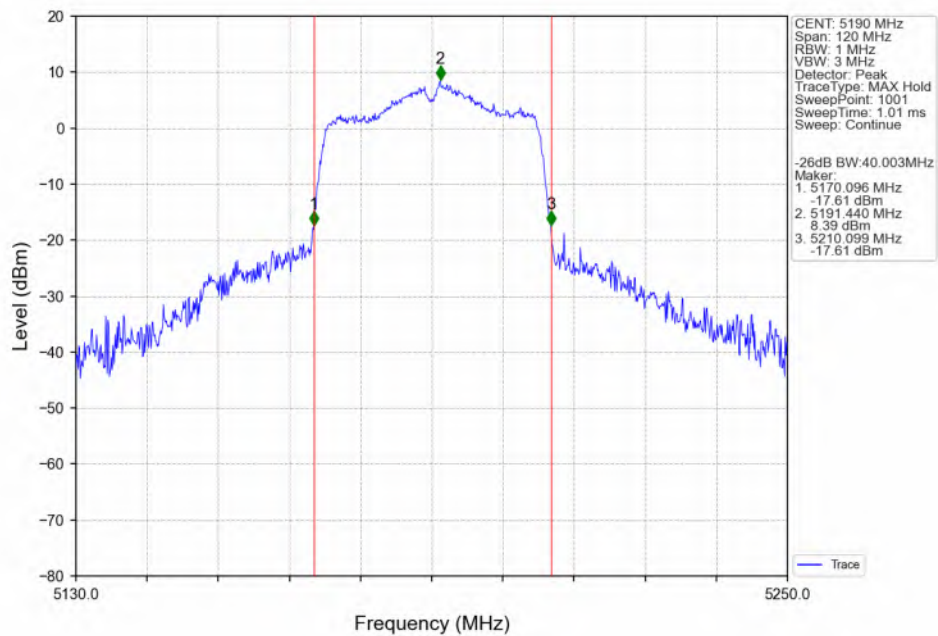
802.11n(HT20)_HCH_5240MHz_ANT3_NTNV



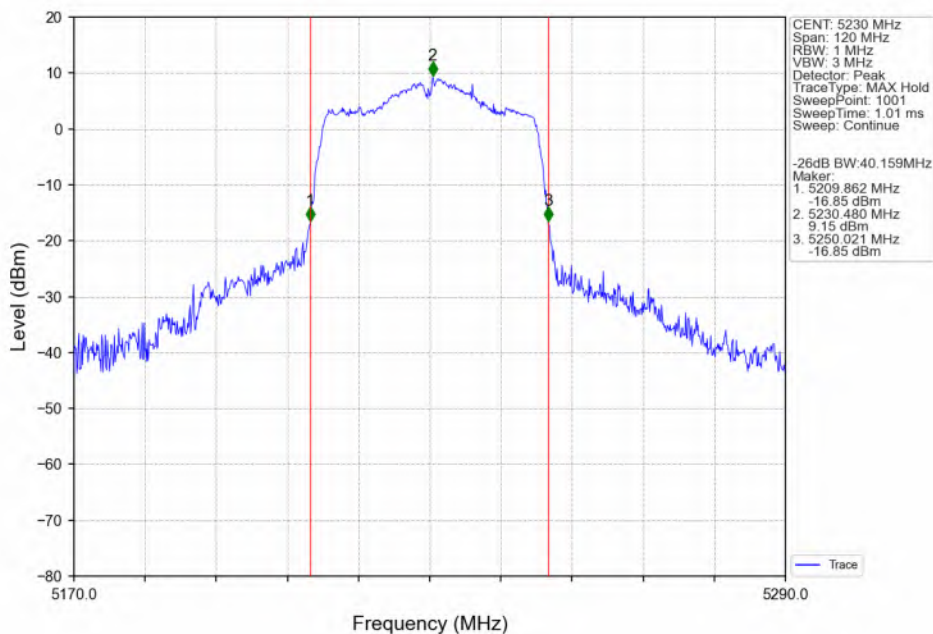
802.11n(HT40)_LCH_5190MHz_ANT2_NTNV



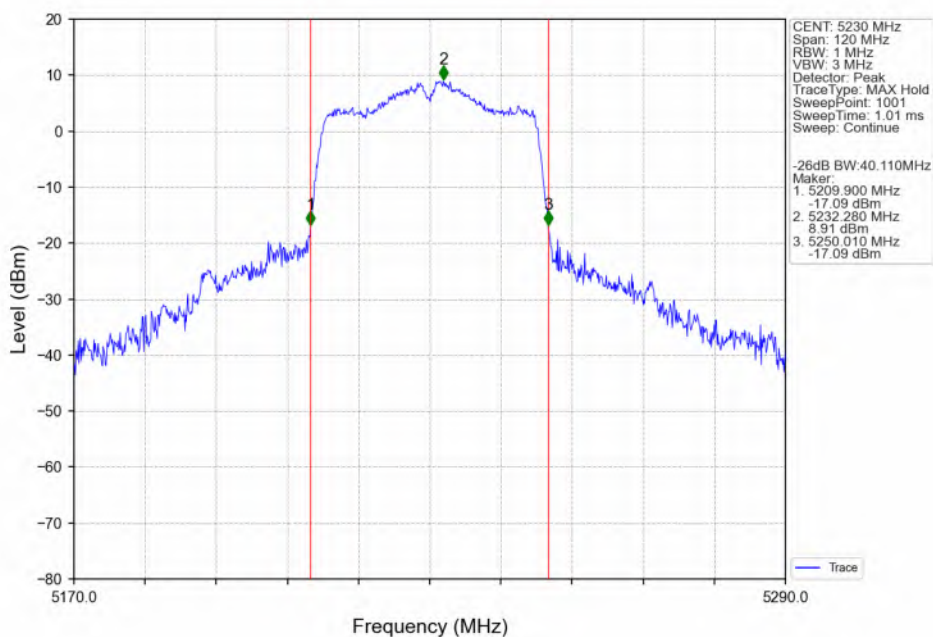
802.11n(HT40)_LCH_5190MHz_ANT3_NTNV



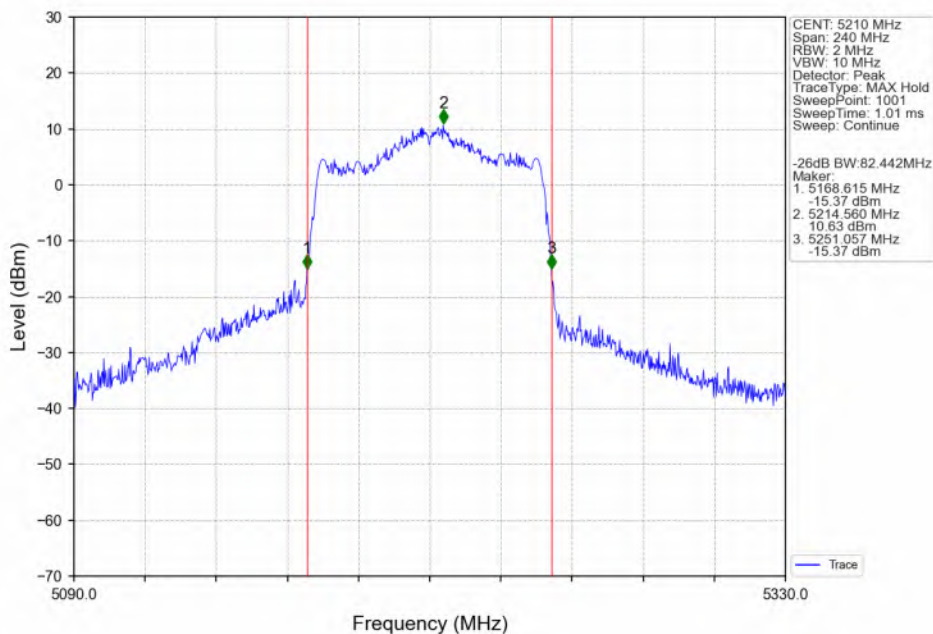
802.11n(HT40)_HCH_5230MHz_ANT2_NTNV



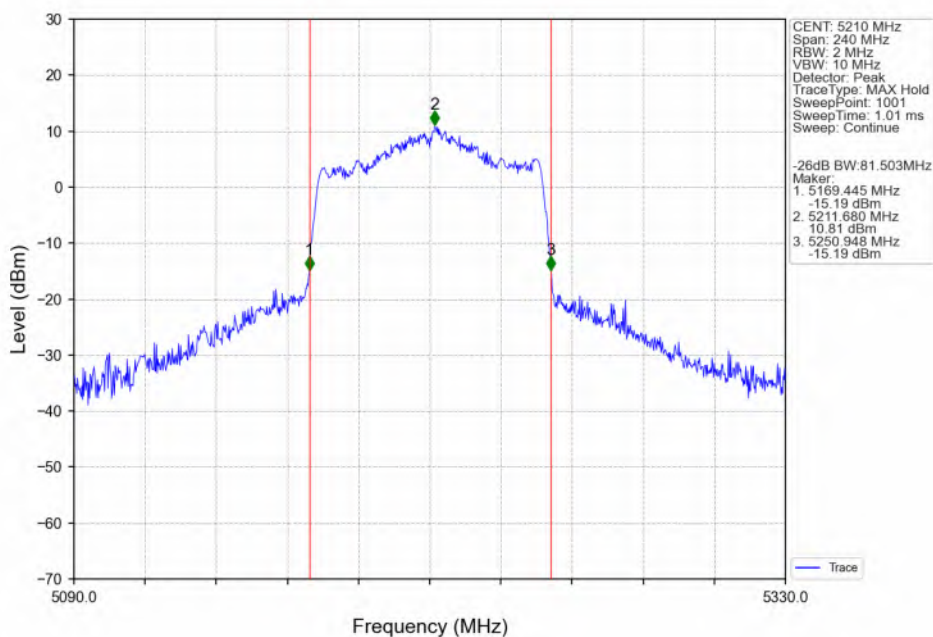
802.11n(HT40)_HCH_5230MHz_ANT3_NTNV



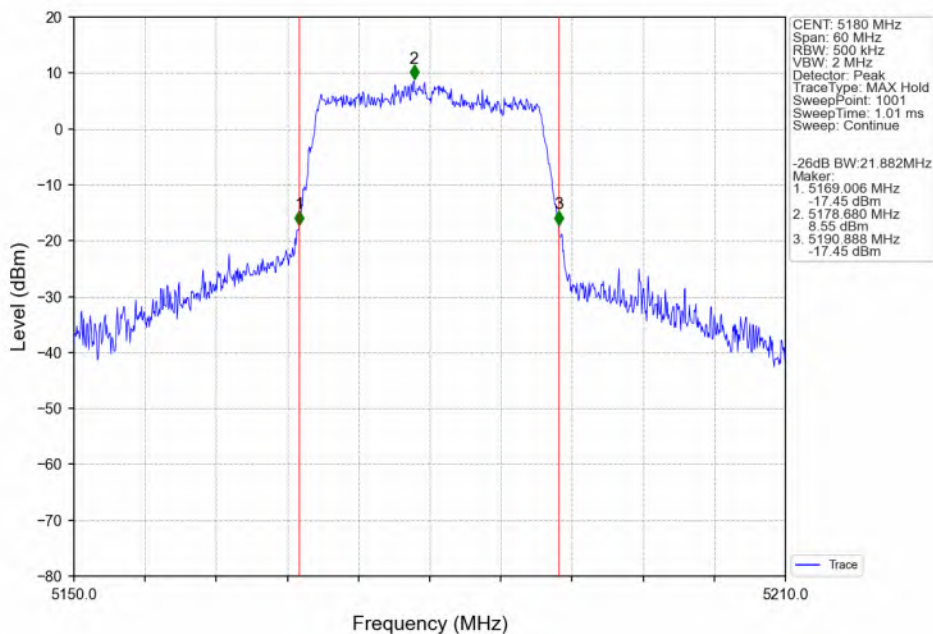
802.11ac(VHT80)_MCH_5210MHz_ANT2_NTNV



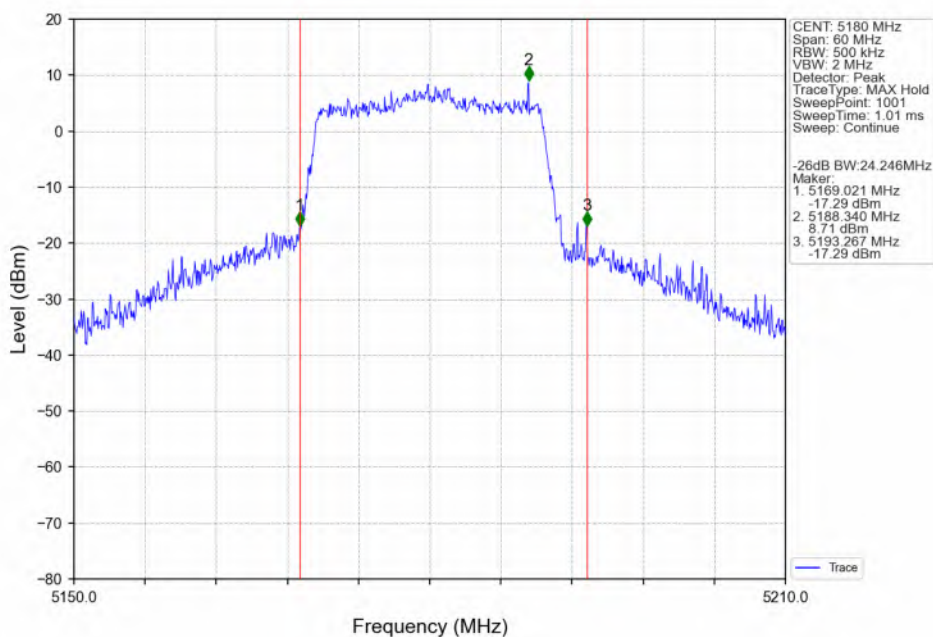
802.11ac(VHT80)_MCH_5210MHz_ANT3_NTNV



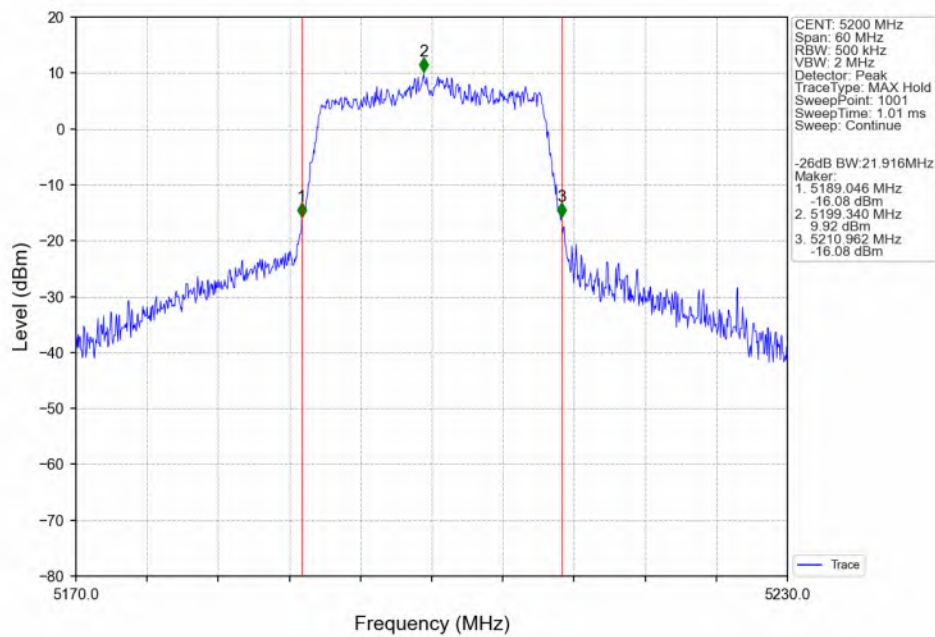
802.11ax(HEW20)_LCH_5180MHz_SU_/_ANT2_NTNV



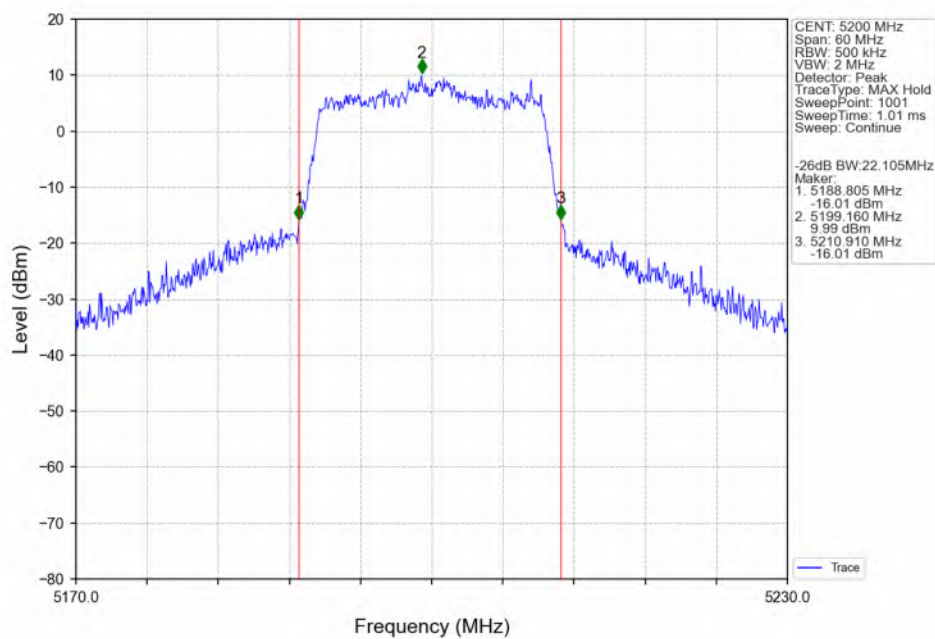
802.11ax(HEW20)_LCH_5180MHz_SU_/_ANT3_NTNV



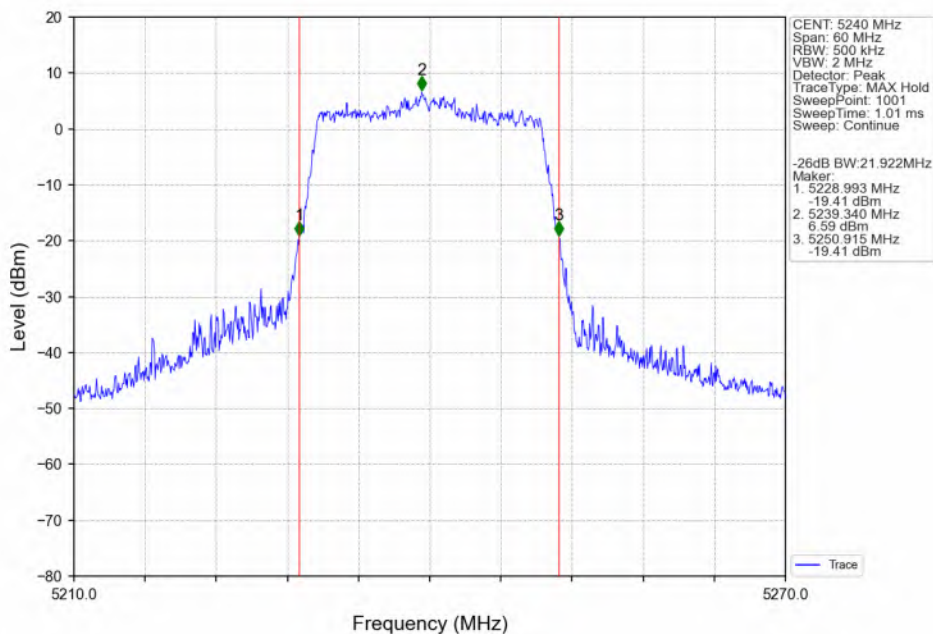
802.11ax(HEW20) MCH_5200MHz_SU_/_ANT2_NTNV



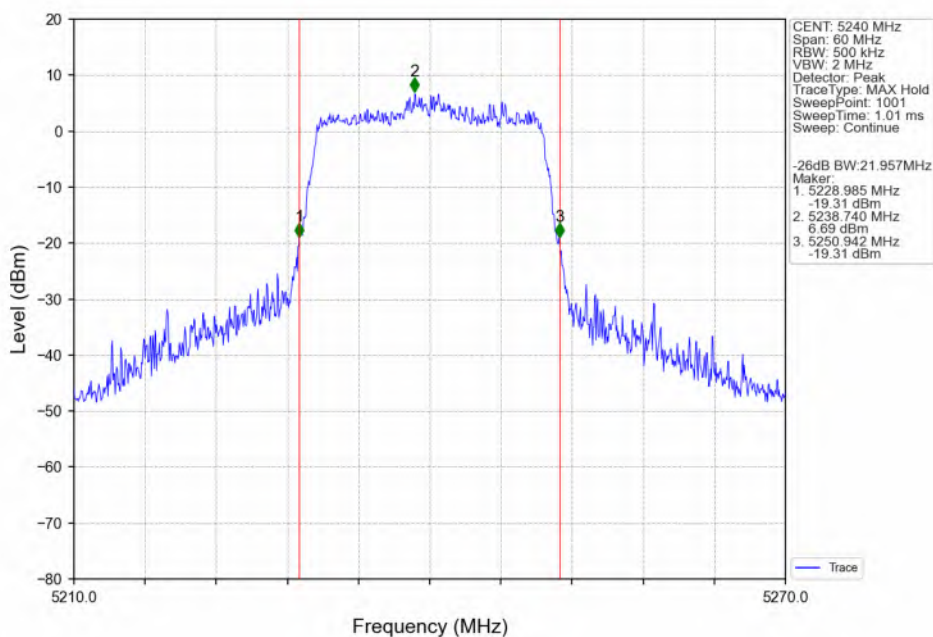
802.11ax(HEW20) MCH_5200MHz_SU_/_ANT3_NTNV



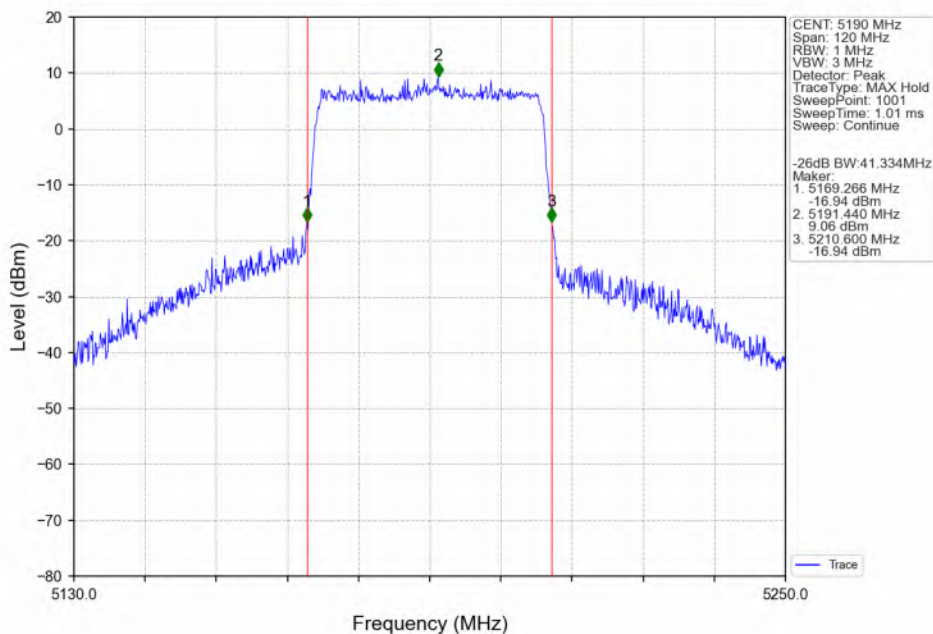
802.11ax(HEW20) HCH 5240MHz_SU_/_ANT2_NTNV



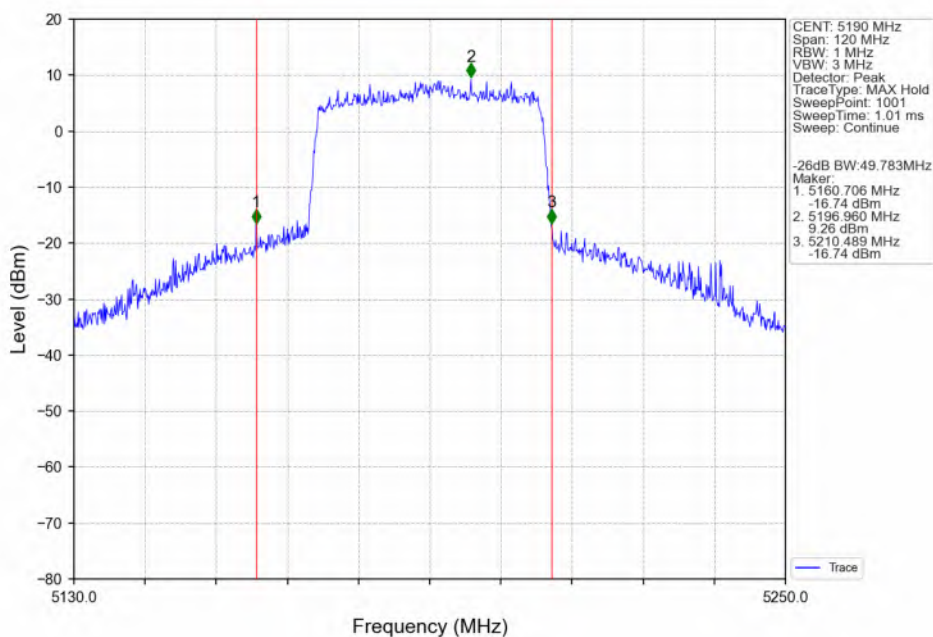
802.11ax(HEW20) HCH 5240MHz_SU_/_ANT3_NTNV



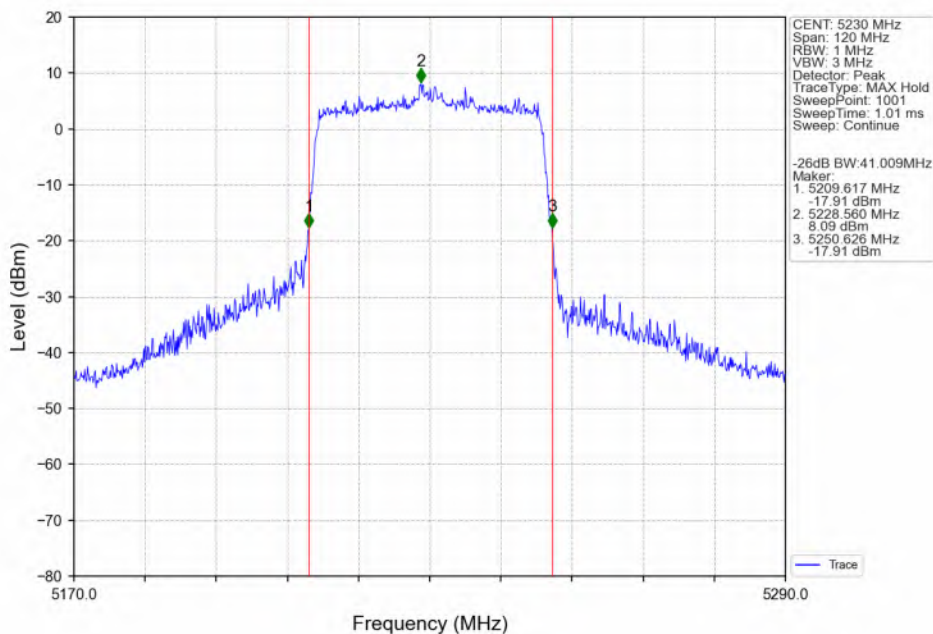
802.11ax(HEW40)_LCH_5190MHz_SU_/_ANT2_NTNV



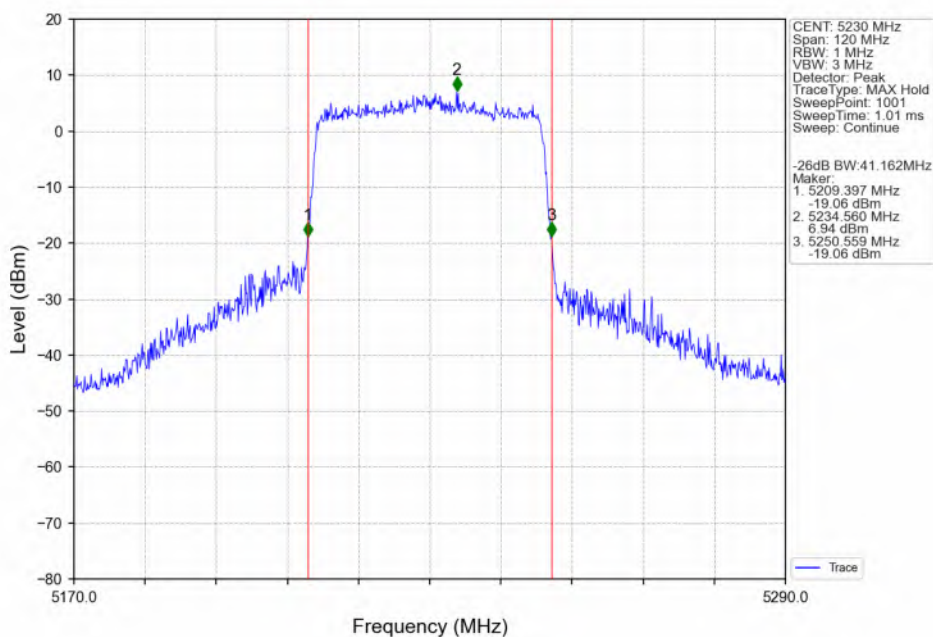
802.11ax(HEW40)_LCH_5190MHz_SU_/_ANT3_NTNV



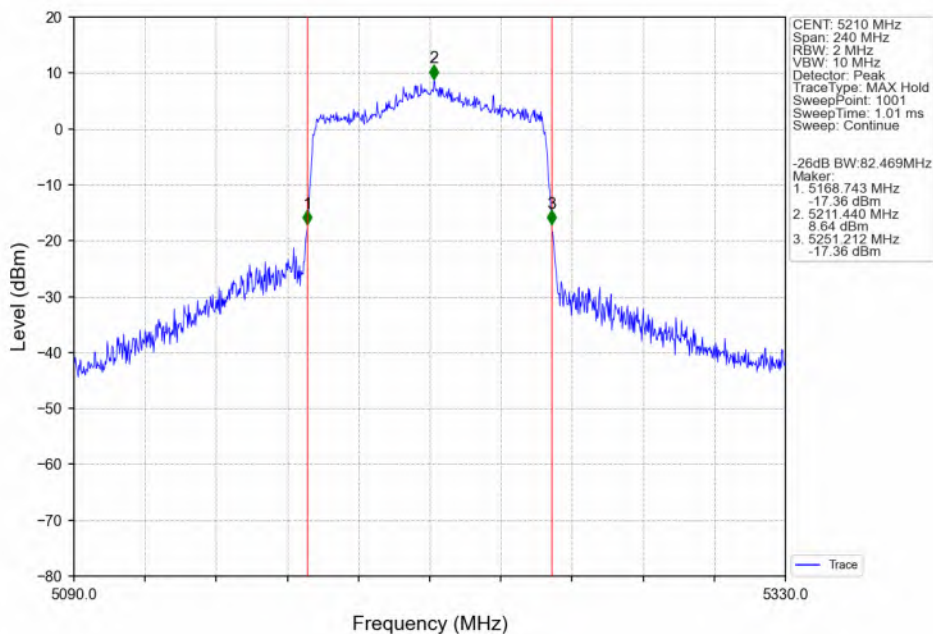
802.11ax(HEW40) HCH_5230MHz_SU_/_ANT2_NTNV



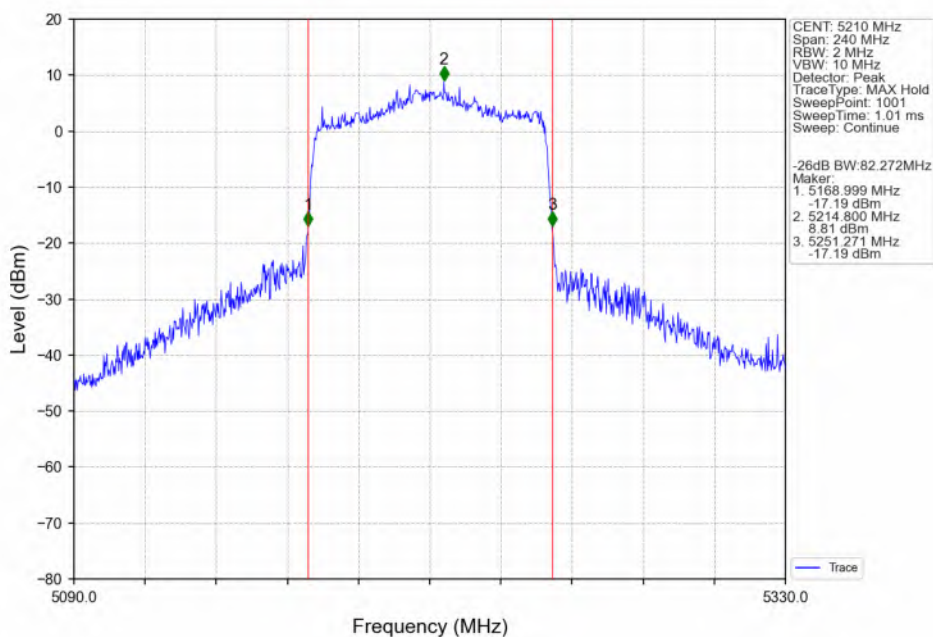
802.11ax(HEW40) HCH_5230MHz_SU_/_ANT3_NTNV



802.11ax(HEW80) MCH_5210MHz_SU_/_ANT2_NTNV



802.11ax(HEW80) MCH_5210MHz_SU_/_ANT3_NTNV



3. Maximum Conducted Output Power

3.1 Test Result

3.1.1 Power

Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum Average Conducted Output Power (dBm)				Verdict
					ANT2	ANT3	MIMO	Limit	
802.11a	SISO	5180	/	/	15.76	13.90	/	<=23.98	Pass
		5200	/	/	15.48	14.20	/	<=23.98	Pass
		5240	/	/	15.88	14.44	/	<=23.98	Pass
802.11n (HT20)	MIMO	5180	/	/	11.12	9.21	13.28	<=23.98	Pass
		5200	/	/	10.83	9.09	13.06	<=23.98	Pass
		5240	/	/	10.65	9.39	13.08	<=23.98	Pass
802.11n (HT40)	MIMO	5190	/	/	12.95	10.35	14.85	<=23.98	Pass
		5230	/	/	12.40	10.38	14.52	<=23.98	Pass
802.11ac (VHT80)	MIMO	5210	/	/	11.59	9.39	13.64	<=23.98	Pass
802.11ax (HEW20)	MIMO	5180	SU	/	10.99	8.97	13.11	<=23.98	Pass
		5200	SU	/	10.60	8.93	12.86	<=23.98	Pass
		5240	SU	/	10.81	9.17	13.08	<=23.98	Pass
802.11ax (HEW40)	MIMO	5190	SU	/	10.72	8.55	12.78	<=23.98	Pass
		5230	SU	/	10.75	9.04	12.99	<=23.98	Pass
802.11ax (HEW80)	MIMO	5210	SU	/	10.66	8.74	12.82	<=23.98	Pass
Note1: Antenna Gain: - Band: 2C+3x ANT2: 0.00dBi; - Band: 1 ANT2: 1.69dBi; - Band: 1 ANT3: -6.54dBi; - Band: 2C+3x ANT3: 0.00dBi;									

4. Maximum Power Spectral Density

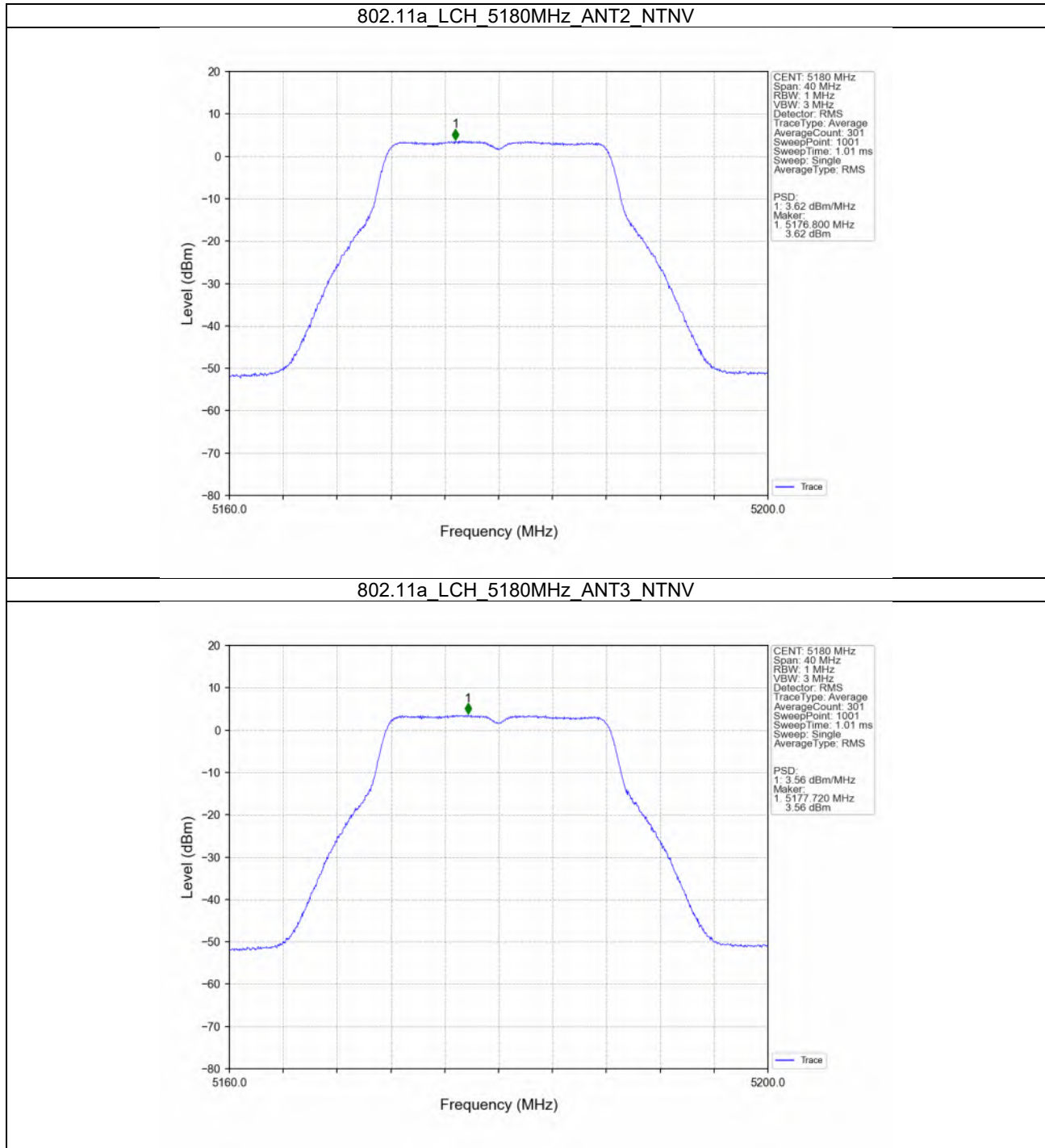
4.1 Test Result

4.1.1 PSD

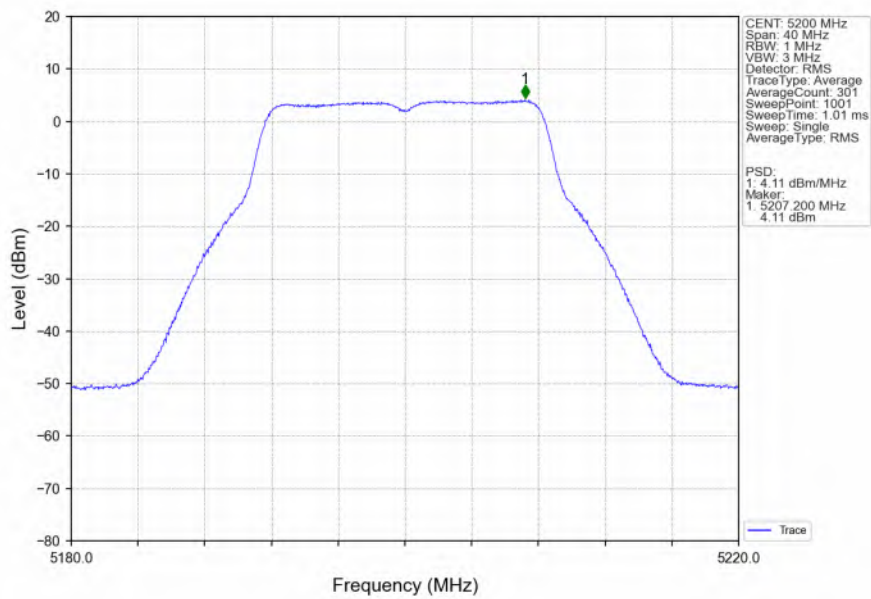
Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum PSD (dBm/MHz)				Verdict
					ANT2	ANT3	MIMO	Limit	
802.11a	SISO	5180	/	/	3.62	3.56	/	<=11	Pass
		5200	/	/	4.11	4.04	/	<=11	Pass
		5240	/	/	4.41	4.43	/	<=11	Pass
802.11n (HT20)	MIMO	5180	/	/	3.18	3.12	6.06	<=11	Pass
		5200	/	/	3.70	3.77	6.62	<=11	Pass
		5240	/	/	4.26	4.21	7.03	<=11	Pass
802.11n (HT40)	MIMO	5190	/	/	0.96	1.03	3.97	<=11	Pass
		5230	/	/	1.90	2.00	4.91	<=11	Pass
802.11ac (VHT80)	MIMO	5210	/	/	-2.08	-2.11	0.88	<=11	Pass
802.11ax (HEW20)	MIMO	5180	SU	/	3.13	3.16	5.92	<=11	Pass
		5200	SU	/	3.68	3.69	6.60	<=11	Pass
		5240	SU	/	4.30	4.17	7.23	<=11	Pass
802.11ax (HEW40)	MIMO	5190	SU	/	0.80	0.77	3.73	<=11	Pass
		5230	SU	/	1.76	1.67	4.59	<=11	Pass
802.11ax (HEW80)	MIMO	5210	SU	/	-1.92	-2.06	0.98	<=11	Pass
Note1: Antenna Gain: ANT2: 1.69dBi; ANT3: -6.54dBi;									
Note2: Directional Gain: Uncorrelated(Directional Gain = Ant Gain)									

4.2 Test Graph

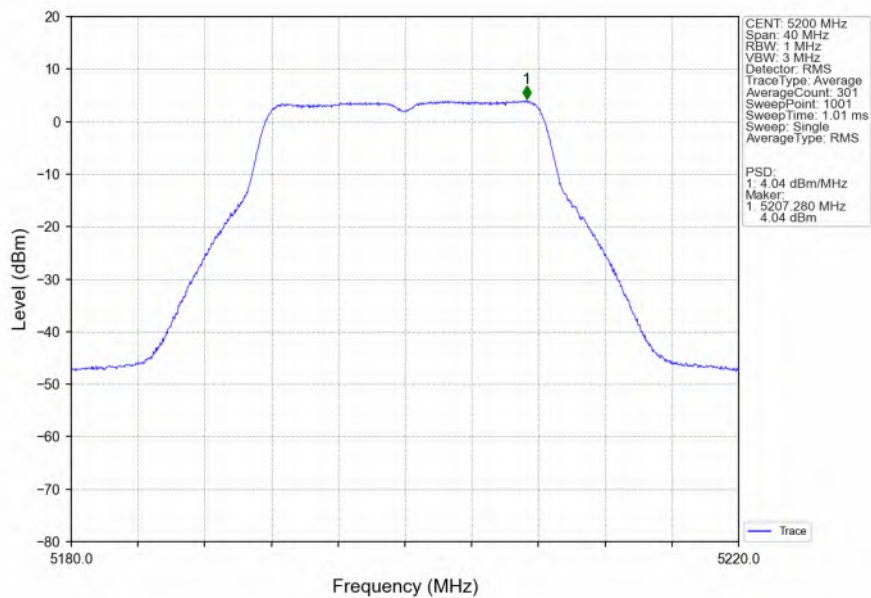
4.2.1 PSD



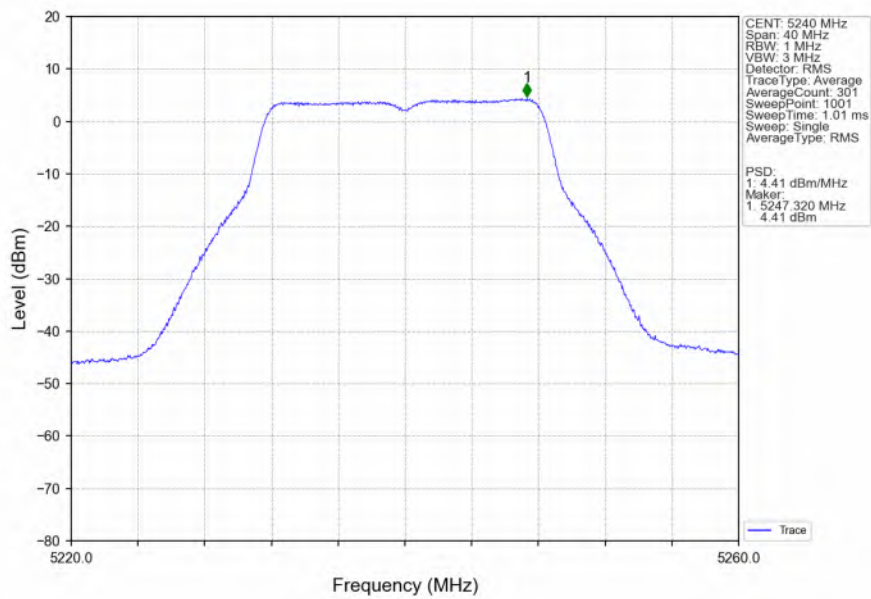
802.11a_MCH_5200MHz_ANT2_NTNV



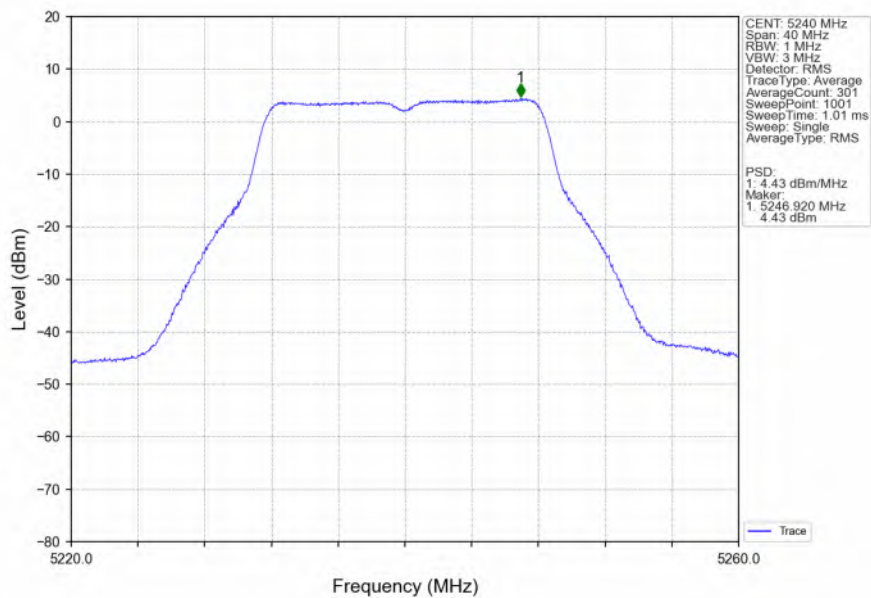
802.11a_MCH_5200MHz_ANT3_NTNV



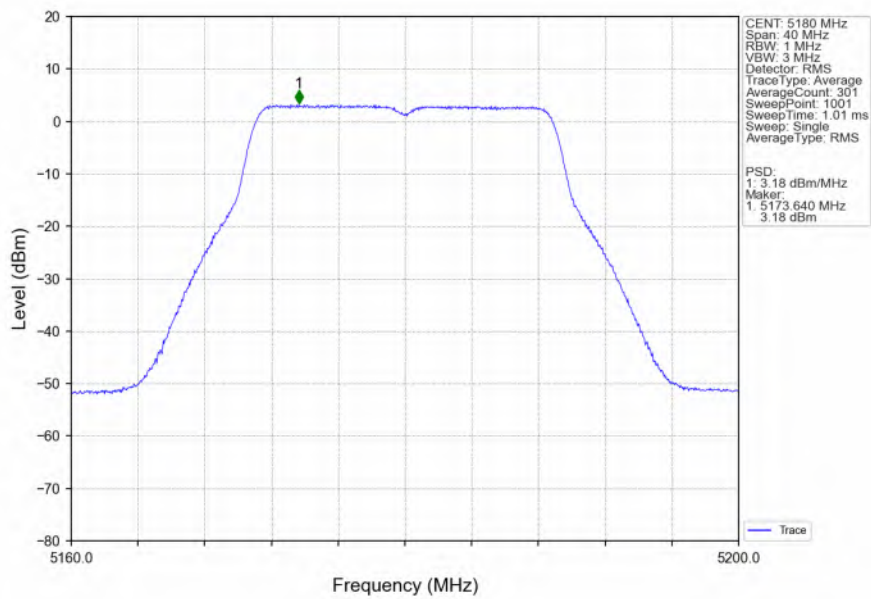
802.11a_HCH_5240MHz_ANT2_NTNV



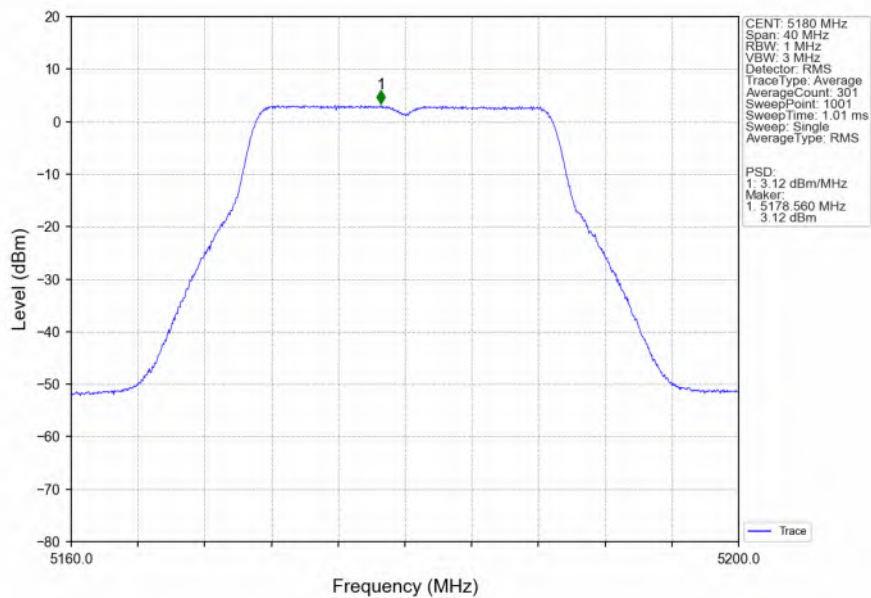
802.11a_HCH_5240MHz_ANT3_NTNV



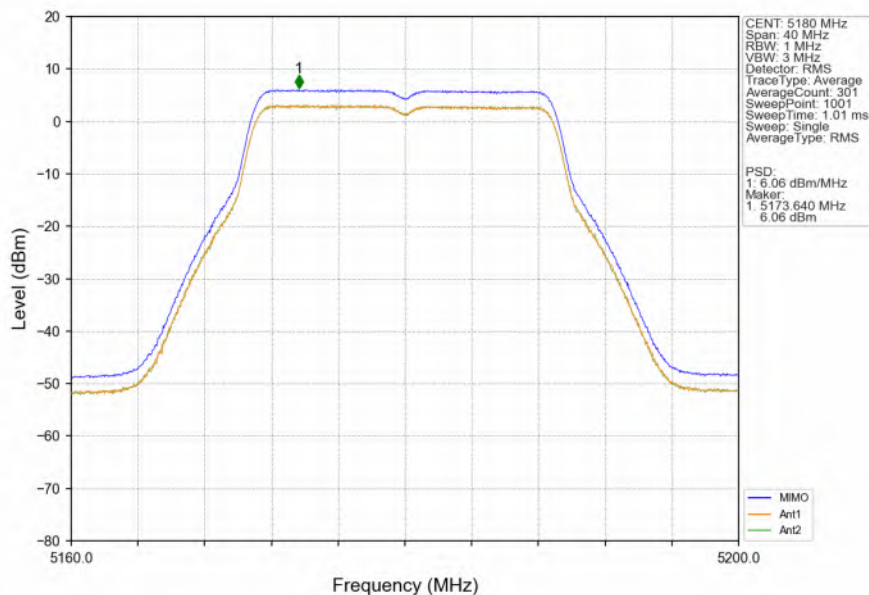
802.11n(HT20)_LCH_5180MHz_ANT2_NTNV



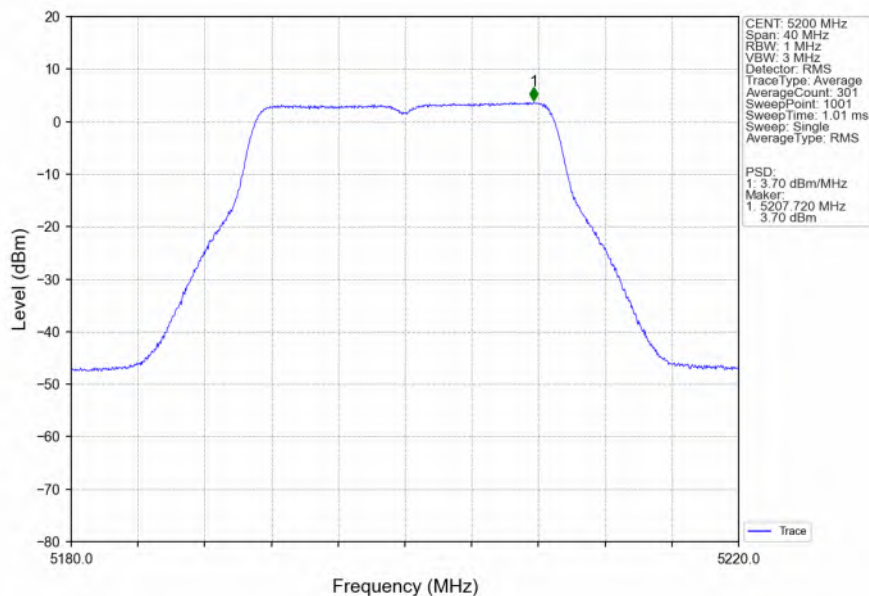
802.11n(HT20)_LCH_5180MHz_ANT3_NTNV



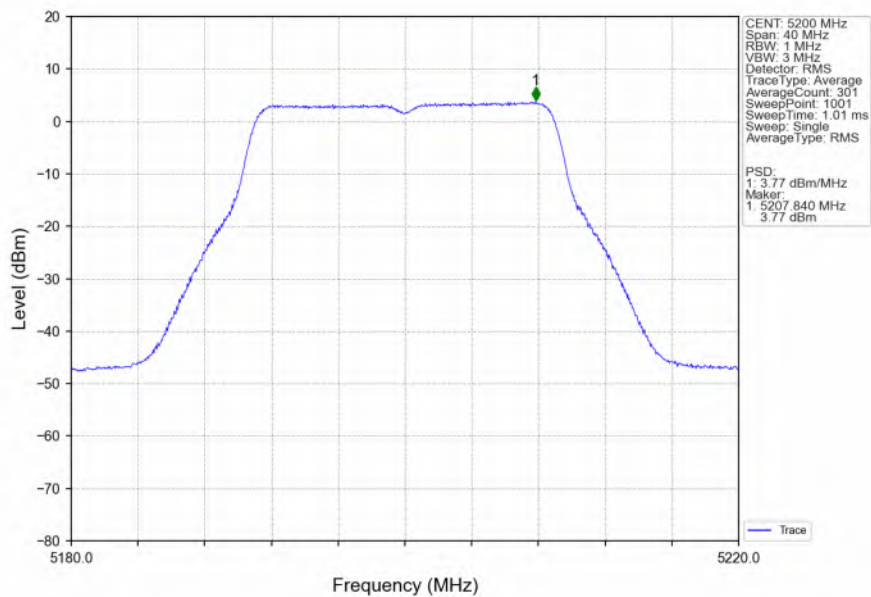
802.11n(HT20)_LCH_5180MHz_MIMO_NTNV



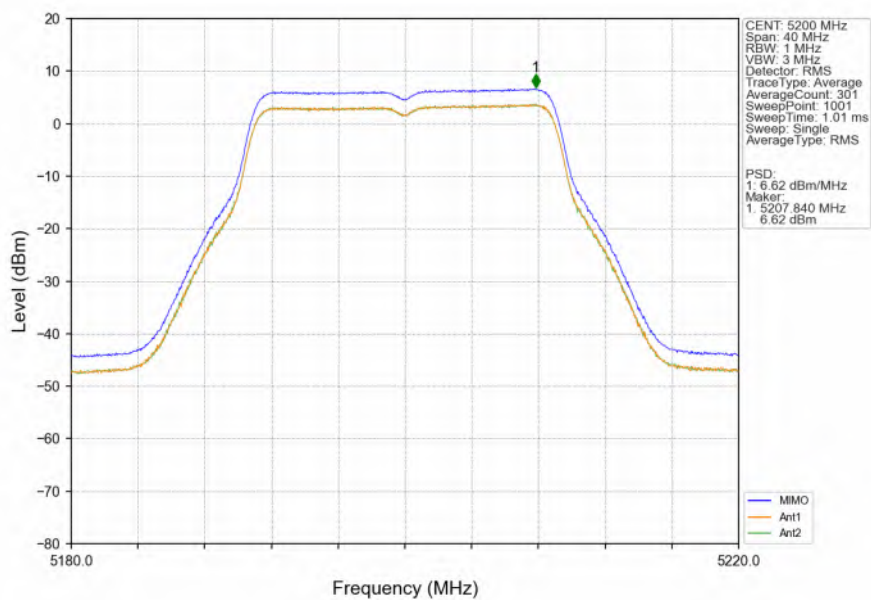
802.11n(HT20)_MCH_5200MHz_ANT2_NTNV



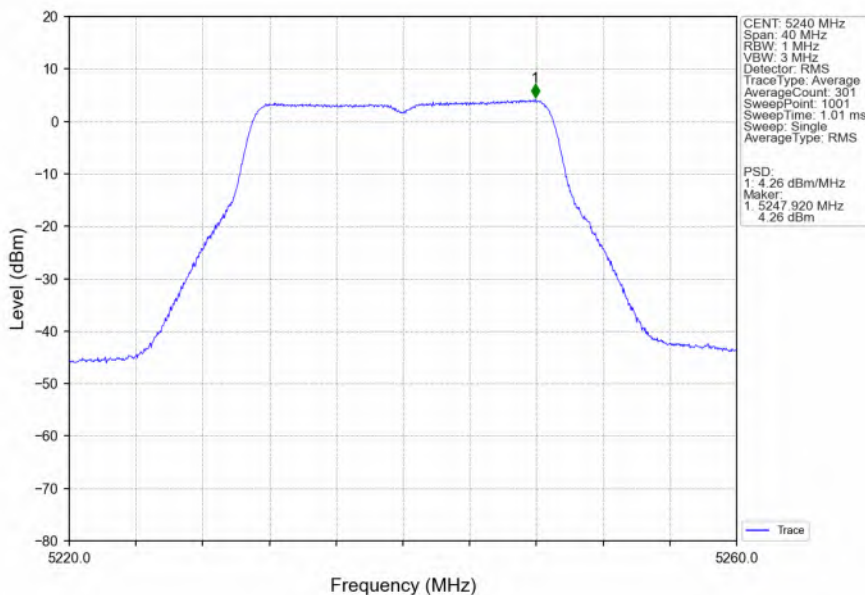
802.11n(HT20)_MCH_5200MHz_ANT3_NTNV



802.11n(HT20)_MCH_5200MHz_MIMO_NTNV



802.11n(HT20)_HCH_5240MHz_ANT2_NTNV



802.11n(HT20)_HCH_5240MHz_ANT3_NTNV

