

Test report no.: <i>Prüfbericht-Nr.:</i>	CN25XOLM 003	Order No.: <i>Auftragsnr.:</i>	170425753	Page 1 of 24 <i>Seite 1 von 24</i>
Client reference no.: <i>Kunden-Referenz-Nr.:</i>	N/A	Order date: <i>Auftragsdatum:</i>	2025.07.23	
Client: <i>Auftraggeber:</i>	Kaonbroadband Co., Ltd. 884-3, Seongnam-daero, Bundang-gu, Seongnam-si, Gyeonggi-do, 13517 Republic of Korea			
Test item: <i>Prüfgegenstand:</i>	Wifi7 AP Repeater			
Identification / Type no.: <i>Bezeichnung / Typ-Nr.:</i>	AR1544G, EVO7000AP			
Order content: <i>Auftrags-Inhalt:</i>	Test Report			
Test specification <i>Prüfgrundlage:</i>	CFR47 FCC Part15: Subpart E Section 15.407			
Date of sample receipt: <i>Wareneingangsdatum:</i>	2025.07.24	Please refer to Photo Document		
Test sample no: <i>Prüfmuster-Nr.:</i>	A004051312-001~004			
Testing period: <i>Prüfzeitraum:</i>	2025-07-24 - 2025-10-22			
Place of testing: <i>Ort der Prüfung:</i>	Refer to section 2.1			
Testing laboratory: <i>Prüflaboratorium:</i>	TÜV Rheinland (Guangdong) Ltd.			
Test result*: <i>Prüfergebnis*:</i>	Pass			
tested by: <i>geprüft von:</i>	<i>Amy Wang</i>		authorized by: <i>genehmigt von:</i>	<i>Sun Shu</i>
Date: 2025-10-29 <i>Datum:</i>			Issue date: 2025-10-29 <i>Ausstellungsdatum:</i>	
Position / Stellung:	Expert/Sachverständige(r)		Position / Stellung:	Expert/Sachverständige(r)
Other: <i>Sonstiges:</i>	FCC ID: 2AXCW-AP7000 This report is for 6GHz Wi-Fi.			
Condition of the test item at delivery: <i>Zustand des Prüfgegenstandes bei Anlieferung:</i>	Test item complete and undamaged Prüfmuster vollständig und unbeschädigt			
* Legend:	P(ass) = passed a.m. test specification(s)	F(ail) = failed a.m. test specification(s)	N/A = not applicable	N/T = not tested
* Legende:	P(ass) = entspricht o.g. Prüfgrundlage(n)	F(ail) = entspricht nicht o.g. Prüfgrundlage(n)	N/A = nicht anwendbar	N/T = nicht getestet
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Remarks
Anmerkungen

- | | |
|----------|--|
| 1 | <p>The equipment used during the specified testing period was calibrated according to our test laboratory calibration program. The equipment fulfils the requirements included in the relevant standards. The traceability of the test equipment used is ensured by compliance with the regulations of our management system. Detailed information regarding test conditions, equipment and measurement uncertainty is available in the test laboratory and could be provided on request.</p> <p><i>Alle eingesetzten Prüfmittel waren zum angegebenen Prüfzeitraum gemäß eines festgelegten Kalibrierungsprogramms unseres Prüfhauses kalibriert. Sie entsprechen den in den Prüfprogrammen hinterlegten Anforderungen. Die Rückverfolgbarkeit der eingesetzten Prüfmittel ist durch die Einhaltung der Regelungen unseres Managementsystems gegeben.</i></p> <p><i>Detaillierte Informationen bezüglich Prüfbedingungen, Prüfequipment und Messunsicherheiten sind im Prüflabor vorhanden und können auf Wunsch bereitgestellt werden.</i></p> |
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| 3 | <p>Test clauses with remark of * are subcontracted to qualified subcontractors and described under the respective test clause in the report. Deviations of testing specification(s) or customer requirements are listed in specific test clause in the report.</p> <p><i>Prüfklausel mit der Note * wurden an qualifizierte Unterauftragnehmer vergeben und sind unter der jeweiligen Prüfklausel des Berichts beschrieben. Abweichungen von Prüfspezifikation(en) oder Kundenanforderungen sind in der jeweiligen Prüfklausel im Bericht aufgeführt.</i></p> |
| 4 | <p>The decision rule for statements of conformity, based on numerical measurement results, in this test report is based on the "Zero Guard Band Rule" and "Simple Acceptance" in accordance with ILAC G8:2019 and IEC Guide 115:2021, unless otherwise specified in the applied standard mentioned on Page 1 of this report or requested by the customer. This means that measurement uncertainty is not taken in account and hence also not declared in the test report. For additional information to the resulting risk based of this decision rule please refer to ILAC G8:2019.</p> <p><i>Die Entscheidungsregel für Konformitätserklärungen basierend auf numerischen Messergebnissen in diesem Prüfbericht basiert auf der "Null-Grenzwert-Regel" und der "Einfachen Akzeptanz" gemäß ILAC G8:2019 und IEC Guide 115:2021, es sei denn, in der auf Seite 1 dieses Berichts genannten angewandten Norm ist etwas anderes festgelegt oder vom Kunden gewünscht. Dies bedeutet, dass die Messunsicherheit nicht berücksichtigt wird und daher auch nicht im Prüfbericht angegeben wird. Zu weiteren Informationen bezüglich des Risikos durch diese Entscheidungsregel siehe ILAC G8:2019.</i></p> |

Test Summary

5.1.1 ANTENNA REQUIREMENT

RESULT: Pass

5.1.2 MAXIMUM E.I.R.P.

RESULT: Pass

5.1.3 SPECTRAL DENSITY (E.I.R.P.)

RESULT: Pass

5.1.4 FREQUENCY STABILITY

RESULT: Pass

5.1.5 26dB BANDWIDTH AND 99% BANDWIDTH

RESULT: Pass

5.1.6 IN-BAND EMISSION (MASK)

RESULT: Pass

5.1.7 RADIATED SPURIOUS EMISSION

RESULT: Pass

5.1.8 CONTENTION BASED PROTOCOL

RESULT: Pass

5.1.9 CONDUCTED EMISSION ON AC MAINS

RESULT: N/A

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1 General Remarks

1.1 Complementary Materials

All attachments are integral parts of this test report. This applies especially to the following appendix:

Appendix A: Test Results of 6GHz Wi-Fi

Appendix B: Test Results of 6GHz Wi-Fi

Appendix C: Photographs of the Test Set-up

2 Test Sites

2.1 Test Facilities

SHENZHEN STS TEST SERVICES CO., LTD

Add.: 101, Building B, Zhuoke Science Park, No.190 Chongqing Road, ZhanChengShequ, Fuhai Sub-District, Bao'an District, Shenzhen, Guang Dong, China

FCC test Firm Registration Number: 625569

IC test Firm Registration Number: 12108A

A2LA Certificate No.: 4338.01

2.2 List of Test and Measurement Instruments

Table 1: List of Test and Measurement Equipment

RF Radiation Test Equipment					
Kind of Equipment	Manufacturer	Type No.	Serial No.	Last Calibration	Calibrated Until
Temperature & Humidity	SW-108	SuWei	N/A	2025.02.24	2026.02.23
Pre-Amplifier(0.1M-3GHz)	EM	EM330	060665	2025.02.22	2026.02.21
Pre-Amplifier(1G-18GHz)	SKET	LNPA-01018G-45	SK2018080901	2025.09.23	2026.09.22
Pre-Amplifier(18G-40GHz)	SKET	LNPA_1840-50	SK2018101801	2025.02.22	2026.02.21
Active loop Antenna	ZHINAN	ZN30900C	16035	2024.02.25	2026.02.24
Bilog Antenna	TESEQ	CBL6111D	34678	2024.09.30	2026.09.29
Horn Antenna	SCHWARZBECK	BBHA 9120D	02014	2024.09.24	2026.09.23
Horn Antenna	A-INFOMW	LB-180400-KF	J211020657	2024.10.10	2026.10.09
Positioning Controller	MF	MF-7802	MF-780208587	N/A	N/A
Signal Analyzer	R&S	FSV 40-N	101823	2025.09.23	2026.09.22
Switch Control Box	N/A	N/A	N/A	N/A	N/A
Filter Box	BALUN Technology	SU319E	BL-SZ1530051	N/A	N/A
Antenna Mast	MF	MFA-440H	N/A	N/A	N/A
Turn Table	MF	SC100_1	60531	N/A	N/A
AC Power Source	APC	KDF-11010G	F214050035	N/A	N/A
DC power supply	HONGSHENGFENG	DPS-305AF	17064939	2025.09.23	2026.09.22
Test SW	EZ-EMC	Ver.STSLAB-03A1 RE			
Conduction Test Equipment					
Kind of Equipment	Manufacturer	Type No.	Serial No.	Last calibration	Calibrated until
Test Receiver	R&S	ESCI	101427	2025.09.24	2026.09.23
Limtter	CYBERTEK	EM5010	N/A	2025.09.24	2026.09.23
LISN	R&S	ENV216	101242	2025.09.24	2026.09.23
LISN	EMCO	3810/2NM	23625	2025.09.24	2026.09.23
Temperature & Humidity	SW-108	SuWei	N/A	2025.02.24	2026.02.23
Test SW	EZ-EMC	Ver.STSLAB-03A1 CE			
RF Connected Test					
Kind of Equipment	Manufacturer	Type No.	Serial No.	Last calibration	Calibrated until
Signal Analyzer	Agilent	N9020A	MY51510623	2025.02.22	2026.02.21
Power detector group	Keysight	NW2021031	N/A	2025.09.23	2026.09.22
Switch control box	TST	TSCB562R2	N/A	N/A	N/A
Temperature& Humidity test chamber	Safety test	AG80L	171200018	2025.02.22	2026.02.21
Temperature & Humidity	SW-108	SuWei	N/A	2025.02.24	2026.02.23
Test SW	TST	TST-PASS 2.0.1			

2.3 Traceability

All measurement equipment calibrations are traceable to NIM (National Institute of Metrology) or where calibration is performed in other countries, to equivalent nationally recognized standards organizations.

2.4 Calibration

Equipment requiring calibration is calibrated periodically by the manufacturer or according to manufacturer's specifications. Additionally all equipment is verified for proper performance on a regular basis using in house standards or comparisons.

2.5 Measurement Uncertainty

The estimated combined standard uncertainty for radiated emissions and conducted emissions measurements as below table.

FCC Part 15.407		
FCC standard	Test Item	Results
15.207	AC Conducted Emission	PASS
15.407 (a)	26dB & 99% Bandwidth	PASS
15.407(a)	Maximum Conducted Output Power And Maximum EIRP	PASS
15.407(b)/15.205/15.209	Radiated Emission And (bandedge Emissions) Measurement	PASS
15.407(b)	In-Band Emission(Mask)	PASS
15.407(a)	Power Spectral Density	PASS
15.407(c)	Automatically Discontinue Transmission	PASS
15.407(d)	Contention Based Protocol	PASS
15.203/15.204	Antenna Requirement	PASS

2.6 Location of Original Data

The original copies of all test data taken during actual testing were attached at Appendix A & B of this report and delivered to the applicant. A copy has been retained in the TÜV Rheinland (Guangdong) Co., Ltd. File for certification follow-up purposes.

2.7 Status of Facility Used for Testing

The SHENZHEN STS TEST SERVICES CO., LTD Test facility located at 101, Building B, Zhuoke Science Park, No.190 Chongqing Road, ZhanChengShequ, Fuhai Sub-District, Bao'an District, Shenzhen, Guang Dong, China is listed on the US Federal Communications Commission list of facilities approved to perform measurements.

3 General Product Information

3.1 Product Function and Intended Use

The Product is Wifi7 AP Repeater which supports 2.4GHz Wi-Fi, 5GHzWi-Fi, 6Hz Wi-Fi and BLE functions.

This report is for Wi-Fi 6GHz operation only.

For details refer to the User Manual, Technical Description and Circuit Diagram.

3.2 Ratings and System Details

Table 2: Technical Specification of EUT

General Information of EUT	Value
Kind of Equipment:	Wifi7 AP Repeater
Type Designation:	AR1544G, EVO7000AP(They are electrically identical, only different in model name for market purpose)
FCC ID:	2AXCW-AP7000
Operating Voltage:	Input: DC 12V, 2.5A via AC/DC adapter
Operating Temperature Range:	0 °C ~ +40°C
Adapter:	Model: GQ24-120250-SU Input: 100-240V~50/60Hz 1.0AMAX Output: 12.0V---2.5A Manufacturer: DONGGUAN GUANGQI ELECTRONIC CO., LTD
Technical Specification of Wi-Fi 802.11 a/ax/be	
Operating Frequency:	5925-7125 MHz band,
Type of Modulation:	OFDM, OFDMA
Protocol:	For 802.11a/ax-HE20/be-EHT20: 5955 ~7115MHz For 802.11ax-HE40/be-EHT40: 5965 ~ 7085MHz For 802.11ax-HE80/be-EHT80: 5985 ~ 7025MHz For 802.11ax-HE160/be-EHT160: 6025 ~ 6985MHz For 802.11be-EHT320: 6265 ~ 6905MHz
Data Rate:	6/9/12/18/24/36/48/54 Mbps for 802.11a MCS0~MCS11 for 802.11ax MCS0~MCS13 for 802.11be (All data rates considered, only the Worst-cases reported)
Equipment Classification:	15E-6GHz Low Power Indoor Access Point (6ID)
Antenna Type:	Integral Antennas
Smart Antenna Systems	☒ 802.11a ☐ SISO, ☐ 2*2 CDD, ☐ 3*3 CDD, ☒ 4*4 CDD
	☒ 802.11ax ☐ SISO, ☐ 2*2 MIMO, ☐ 3*3 MIMO, ☒ 4*4 MIMO
	☒ 802.11be ☐ SISO, ☐ 2*2 MIMO, ☐ 3*3 MIMO, ☒ 4*4 MIMO
Antenna Gain:	Refer to Table 3 Antenna Details
RU Mode for 802.11ax/be	☒ Full RU, ☒ Partial RU (Single RU, Multi RU, Multi-RU & punctured)

Table 3: Antenna Details for Wi-Fi

Antenna Type	Frequency Band (MHz)	Peak Antenna Gain (dBi)				Beamforming Directional Gain (dBi)	CDD Directional Gain (dBi)	
		Ant 1	Ant 2	Ant 3	Ant 4		For Power	For PSD
Integral Antennas	2400~2500MHz	1.9	1.9	--	--	4.92	1.9	4.92
	5150~5875MHz	2.0	2.0	2.0	2.0	8.02	2.0	8.02
	5925~7125MHz	2.5	2.5	2.5	2.5	8.52	2.5	8.50

- The device supports CDD Mode and Beamforming mode, details refer to the table as below.
- CDD signals are correlated, the directional gain as follows,
When $N_{ss}=1$, for power measurements: Array Gain = 0 dB for $N_{ANT} \leq 4$, the directional gain = max antenna gain + array gain
For power spectral density (PSD) measurements: the max directional gain = $10 \log [(10^{G1/20} + 10^{G2/20} + \dots + (10^{GN})/20)^2 / N_{ANT}]$
- Beamforming signals are correlated, the directional gain as follows, the max directional gain = $10 \log [(10^{G1/20} + 10^{G2/20} + \dots + (10^{GN})/20)^2 / N_{ANT}]$
- The information as above is from the antenna specifications.

3.3 Applicable Standards

FCC CFR Title 47, Part 15, Subpart 15.407
ANSI C63.10-2020
FCC KDB 987594 D01 U-NII 6GHz General Requirements v01
FCC KDB 987594 D02 U-NII 6GHz EMC Measurement v01r01
FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01
FCC KDB 662911 D01 Multiple Transmitter Output v02r01
FCC Workshop October 26, 2022, on 802.11be (Wi-Fi 7)

3.4 Independent Operation Modes

The basic operation modes are:

- On, Wi-Fi 802.11 a/ax/be wireless transmitting mode
 - Low channel
 - Middle channel
 - High channel
- On, Wi-Fi link

3.5 Noise Generating and Noise Suppressing Parts

Refer to Circuit Diagram for further details.

3.6 Submitted Documents

- Application Form
- Operation Description
- Schematics
- PCB Layout
- User Manual
- Block Diagram
- Rating Label
- Parts List

4 Test Set-up and Operation Modes

4.1 Principle of Configuration Selection

Radio Spectrum: The equipment under test (EUT) was configured at its highest power output in order to measure its highest possible radiation and conducted level. The test modes were adapted accordingly in reference to the instructions for use.

Emission: The equipment under test (EUT) was configured to measure its highest possible radiation level. The test modes were adapted accordingly in reference to the instructions for use.

4.2 Test Operation and Test Software

Test operation refers to test setup in chapter 5. All tests were performed according to the procedures in ANSI C63.10: 2020.

According to clause 3.1, all tests were performed on model AR1544G in this report.

Table 4: RF Channel and Frequency of 6GHz Wi-Fi

802.11a/ax-HE20/be-EHT20

Channel	Center Frequency (MHz)	Channel	Center Frequency (MHz)	Channel	Center Frequency (MHz)	Channel	Center Frequency (MHz)
1	5955	61	6255	121	6555	181	6855
5	5975	65	6275	125	6575	185	6875
9	5995	69	6295	129	6595	189	6895
13	6015	73	6315	133	6615	193	6915
17	6035	77	6335	137	6635	197	6935
21	6055	81	6355	141	6655	201	6955
25	6075	85	6375	145	6675	205	6975
29	6095	89	6395	149	6695	209	6995
33	6115	93	6415	153	6715	213	7015
37	6135	97	6435	157	6735	217	7035
41	6155	101	6455	161	6755	221	7055
45	6175	105	6475	165	6775	225	7075
49	6195	109	6495	169	6795	229	7095
53	6215	113	6515	173	6815	233	7115
57	6235	117	6535	177	6835		

802.11ax-HE40/be-EHT40

Channel	Center Frequency (MHz)	Channel	Center Frequency (MHz)
3	5965	123	6565
11	6005	131	6605
19	6045	139	6645
27	6085	147	6685
35	6125	155	6725
43	6165	163	6765
51	6205	171	6805
59	6245	179	6845
67	6285	187	6885
75	6325	195	6925
83	6365	203	6965
91	6405	211	7005
99	6445	219	7045
107	6485	227	7085
115	6525		

802.11ax-HE80/be-EHT80

Channel	Center Frequency (MHz)	Channel	Center Frequency (MHz)	Channel	Center Frequency (MHz)	Channel	Center Frequency (MHz)
7	5985	71	6305	135	6625	199	6945
23	6065	87	6385	151	6705	215	7025
39	6145	103	6465	167	6785	/	/
55	6225	119	6545	183	6865	/	/

802.11ax-HE160/be-EHT160

Channel	Center Frequency (MHz)	Channel	Center Frequency (MHz)
15	6025	143	6665
47	6185	175	6825
79	6345	207	6985
111	6505	/	/

802.11be-EHT320

Channel	Center Frequency (MHz)	Channel	Center Frequency (MHz)
63	6265	191	6905
127	6585	175	/

4.3 Special Accessories and Auxiliary Equipment

Table 5: List of Accessories and Auxiliary Equipment

Item	Equipment	Mfr/Brand	Model/Type No.	Note
E-1	Notebook	DELL	Inspiron 3501	N/A
E-2	Adapter	N/A	GQ24-120250-SU	N/A
C-1	LAN Cable	N/A	N/A	N/A

4.4 Countermeasures to Achieve EMC Compliance

The test sample which has been tested contained the noise suppression parts as described in the Technical Construction File (TCF).

No additional measures were employed to achieve compliance.

4.5 Test Setup Diagram

Diagram of Measurement Configuration for Radiation Test (Below 1GHz)

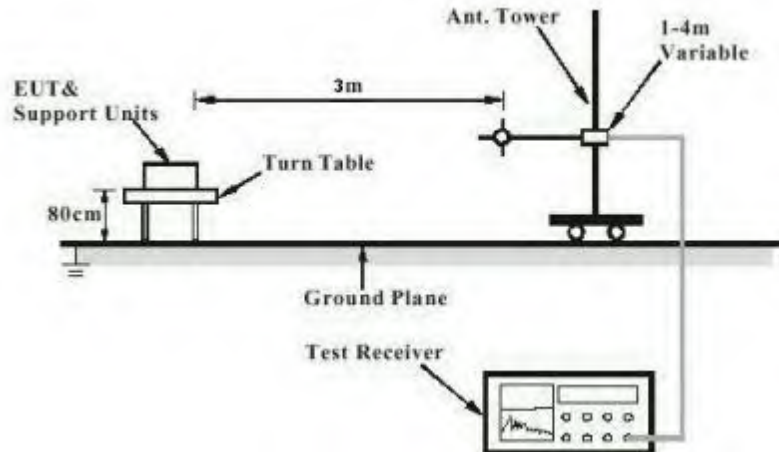


Diagram of Measurement Configuration for Radiation Test (Above 1GHz)

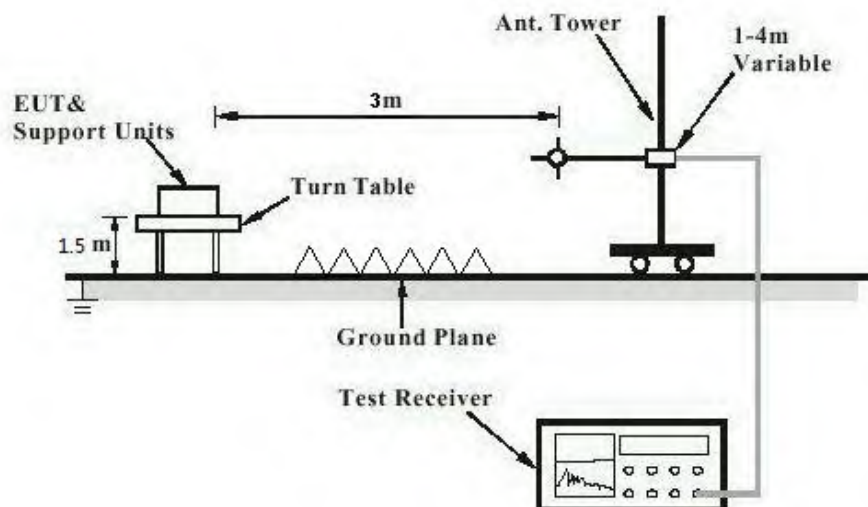


Diagram of Measurement Configuration for Mains Conduction Measurement

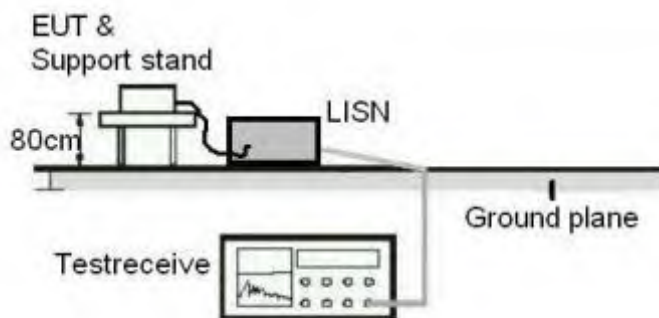
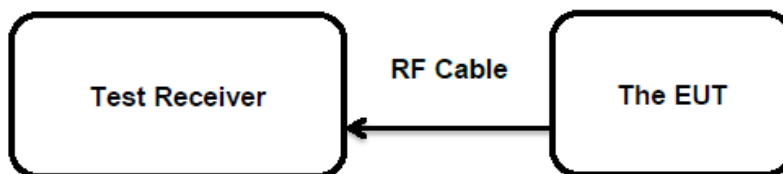


Diagram of Measurement Configuration for Conducted Transmitter Measurement



5 Test Results

5.1 Transmitter Requirement & Test Suites

5.1.1 Antenna Requirement

RESULT:

Pass

Test Specification

Test standard : Part 15.203

The EUTs have 4 Integral antennas for 6GHz Wi-Fi. Antenna gain as listed in section 3.2 table 2.
Therefore, the EUT is considered sufficient to comply with the provision.
Refer to EUT Photo for further details.

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5.1.2 Maximum e.i.r.p.

RESULT:

Pass

Test Specification

Test standard : FCC Part 15.407(a)(5)
Basic standard : ANSI C63.10: 2020
Limits : <1W (30dBm) EIRP

Test Setup

Date of testing : 2025-09-15 to 2025-10-10
Input voltage : DC 12V
Operation mode : A
Test channel : Low / Middle / High
Ambient temperature : 24.8 °C
Relative humidity : 55 %
Atmospheric pressure : 101 kPa

For the measurement records, refer to the appendix A & B.

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5.1.3 Spectral Density (E.I.R.P.)**RESULT:****Pass****Test Specification**

Test standard	: FCC Part 15.407(a)(5)
Basic standard	: ANSI C63.10: 2020
Limits	: <5dBm/MHz EIRP
Test standard	: FCC Part 15.407(a)(5)
Date of testing	: 2025-09-15 to 2025-10-10
Input voltage	: DC 12V
Operation mode	: A
Test channel	: Low / Middle / High
Ambient temperature	: 24.8 °C
Relative humidity	: 55 %
Atmospheric pressure	: 101 kPa

For the measurement records, refer to the appendix A & B.

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5.1.4 Frequency Stability**RESULT:****Pass****Test Specification**

Test standard	: FCC Part 15.407(g)
Basic standard	: ANSI C63.10: 2020
Limits	: Within assigned bands
Kind of test site	: Shielded Room

Date of testing	: 2025-09-15 to 2025-10-10
Input voltage	: DC 12V
Operation mode	: A
Test channel	: Low / Middle / High
Ambient temperature	: 24.8 °C
Relative humidity	: 55 %
Atmospheric pressure	: 101 kPa

For the measurement records, refer to the appendix A & B.

As declared, the device will be maintained within assigned bands under all conditions of normal operation as Specified.

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5.1.5 26dB Bandwidth and 99% Bandwidth

RESULT:

Pass

Test Specification

Test standard : FCC Part 15.407(a)
Basic standard : ANSI C63.10: 2020
Limits : N/A
Kind of test site : Shielded Room

Test Setup

Date of testing : 2025-09-15 to 2025-10-10
Input voltage : DC 12V
Operation mode : A
Test channel : Low / Middle / High
Ambient temperature : 24.8 °C
Relative humidity : 55 %
Atmospheric pressure : 101 kPa

For the measurement records, refer to the appendix A & B.

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5.1.6 In-Band Emission (Mask)**RESULT:****Pass****Test Specification**

Test standard : FCC Part 15.407(b)

Basic standard : ANSI C63.10: 2020

For transmitters operating within the 5.925-7.125 GHz bands: Power spectral density must be suppressed by 20 dB at 1 MHz outside of channel edge, by 28 dB at one channel bandwidth from the channel center, and by 40 dB at one- and one-half times the channel bandwidth away from channel center. At frequencies between one megahertz outside an unlicensed device's channel edge and one

Limits : channel bandwidth from the center of the channel, the limits must be linearly interpolated between 20 dB and 28 dB suppression, and at frequencies between one and one- and one-half times an unlicensed device's channel bandwidth, the limits must be linearly interpolated between 28 dB and 40 dB suppression. Emissions removed from the channel center by more than one- and one-half times the channel bandwidth must be suppressed by at least 40 dB.

Kind of test site : Shielded Room

Test Setup

Date of testing : 2025-09-15 to 2025-10-10

Input voltage : DC 12V

Operation mode : A

Test channel : Low / Middle / High

Ambient temperature : 24.8 °C

Relative humidity : 55 %

Atmospheric pressure : 101 kPa

For the measurement records, refer to the appendix A & B.

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5.1.7 Radiated Spurious Emission**RESULT:****Pass****Test Specification**

Test standard : FCC Part 15.407(b) & FCC Part 15.205 & FCC Part 15.209
Basic standard : ANSI C63.10: 2020
Limits : Any emissions outside of the 5.925-7.125 GHz band must not exceed an e.i.r.p. of -27 dBm/MHz.
Restricted Bands meet the requirement of 15.209 limit.

Test Setup

Date of testing : 2025-09-15 to 2025-10-10
Input voltage : DC 12V
Operation mode : A
Test channel : Low / Middle / High
Ambient temperature : Refer to test result
Relative humidity : Refer to test result
Atmospheric pressure : 101 kPa

Remark:

Testing was carried out within frequency range 9kHz to the tenth harmonics. Only the worst-case spurious emissions configuration of the each mode were reported.

For the measurement records, refer to the appendix A & B.

5.1.8 CONTENTION BASED PROTOCOL

RESULT:
Pass
Test Specification

Test standard : FCC Part 15.407(d)
KDB 987594 D01 U-NII 6GHz General Requirements
KDB 987594 D02 U-NII 6 GHz EMC Measurement

Limits : Indoor access points, subordinate devices and client devices operating in the 5.925-7.125 GHz band (herein referred to as unlicensed devices) are required to use technologies that include a contention-based protocol to avoid co-channel interference with incumbent devices sharing the band. To ensure incumbent co-channel operations are detected in a technology-agnostic manner, unlicensed devices are required to detect co-channel radio frequency energy (energy detect) and avoid simultaneous transmission. Unlicensed low-power indoor devices must detect co-channel radio frequency power that is at least -62 dBm or lower. Upon detection of energy in the band, unlicensed low power indoor devices must vacate the channel and stay off the channel as long as detected radio frequency power is equal to or greater than the threshold (-62 dBm). The -62 dBm (or lower) threshold is referenced to a 0 dBi antenna gain. (See note) To ensure incumbent operations are reliably detected in the band, low power indoor devices must detect RF energy throughout their intended operating channel. For example, an 802.11 device that plans to transmit a 40 MHz- wide signal (on a primary 20 MHz channel and a secondary 20 MHz channel) must detect energy throughout the entire 40 MHz channel. Additionally, low-power indoor devices must detect co-channel energy with 90% or greater certainty.

Note:
The EUT encounters the incumbent signal that its power level is less than or equal to the detection threshold (-62dBm) with reference to 0dBi antenna gain. And the incumbent signal level will be amplified by the EUT antenna gain to yield an actual injected signal at the antenna port, the actual injected is identified as an AWGN signal. The calculation is as follows: Incumbent signal level (dBm) + Antenna Gain (dBi) = AWGN Signal power Level (dBm) Incumbent signal level (dBm) ≤ Detection Threshold (-62dBm+3=-59dBm)
All incumbent signal levels in the report comply with the -59dBm threshold.

Kind of test site : Shielded Room

Test Setup

Date of testing : 2025-09-15 to 2025-10-10
Input voltage : DC 12V
Operation mode : B
Ambient temperature : 24.8 °C
Relative humidity : 55 %
Atmospheric pressure : 101 kPa

For the measurement records, refer to the appendix A & B.

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5.1.9 Conducted Emission on AC Mains**RESULT:****N/A****Test Specification**

Test standard	:	FCC Part 15.207(a) RSS-Gen Clause 8.8
Basic standard	:	ANSI C63.10: 2020
Frequency range	:	0.15 – 30MHz
Limits	:	FCC Part 15.207(a) RSS-Gen Table 4
Kind of test site	:	Shielded Room

Test Setup

Date of testing	:	2025-08-22
Input voltage	:	120V/60Hz
Operation mode	:	B
Ambient temperature	:	Refer to test result
Relative humidity	:	Refer to test result
Atmospheric pressure	:	101 kPa

For the measurement records, refer to the appendix B.

6 Photographs of the Test Set-Up

For photographs of the test set-up, refer to the appendix A.

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Appendix A: Test Results of 6GHz Wi-Fi

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Appendix A.1: Duty Cycle

1.1 Test Result

1.1.1 Ant1

Ant1										
ENV	Mode	TX Type	Frequency (MHz)	RU	RU Pos	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
NTNV	802.11be (EHT20)	MIMO	5955	RU242	Left(61)	1.003	1.031	97.28	0.12	0.03
			6175	RU242	Left(61)	0.998	1.031	96.80	0.14	0.03
			6415	RU242	Left(61)	0.999	1.031	96.90	0.14	0.00
	802.11be (EHT40)	MIMO	5965	RU484	Left(65)	0.999	1.030	96.99	0.13	0.03
			6165	RU484	Left(65)	1.002	1.030	97.28	0.12	0.06
			6405	RU484	Left(65)	0.999	1.030	96.99	0.13	0.03
	802.11be (EHT80)	MIMO	5985	RU996	Left(67)	0.999	1.030	96.99	0.13	0.03
			6145	RU996	Left(67)	0.998	1.029	96.99	0.13	0.03
			6385	RU996	Left(67)	0.999	1.030	96.99	0.13	0.06
	802.11be (EHT160)	MIMO	6025	2xRU996	Left(68)	0.999	1.030	96.99	0.13	0.03
			6185	2xRU996	Left(68)	0.998	1.029	96.99	0.13	0.03
			6345	2xRU996	Left(68)	0.999	1.030	96.99	0.13	0.06
	802.11be (EHT320)	MIMO	6105	4xRU996	Left(70)	0.999	1.030	96.99	0.13	0.03
			6265	4xRU996	Left(70)	0.998	1.029	96.99	0.13	0.06

1.1.2 Ant1

Ant1										
ENV	Mode	TX Type	Frequency (MHz)	RU	RU Pos	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
NTNV	802.11be (EHT20)	MIMO	6435	RU242	Left(61)	1.002	1.031	97.19	0.12	0.06
			6475	RU242	Left(61)	0.999	1.031	96.90	0.14	0.06
			6515	RU242	Left(61)	0.998	1.031	96.80	0.14	0.06
	802.11be (EHT40)	MIMO	6445	RU484	Left(65)	0.999	1.030	96.99	0.13	0.03
			6485	RU484	Left(65)	0.999	1.030	96.99	0.13	0.03
	802.11be (EHT80)	MIMO	6465	RU996	Left(67)	1.001	1.029	97.28	0.12	0.07

1.1.3 Ant1

Ant1										
ENV	Mode	TX Type	Frequency (MHz)	RU	RU Pos	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
NTNV	802.11be (EHT20)	MIMO	6535	RU242	Left(61)	0.999	1.031	96.90	0.14	0.06
			6695	RU242	Left(61)	0.999	1.031	96.90	0.14	0.03
			6855	RU242	Left(61)	0.999	1.031	96.90	0.14	0.03
	802.11be (EHT40)	MIMO	6565	RU484	Left(65)	1.002	1.030	97.28	0.12	0.03
			6685	RU484	Left(65)	1.002	1.030	97.28	0.12	0.06
			6845	RU484	Left(65)	0.999	1.031	96.90	0.14	0.06
	802.11be (EHT80)	MIMO	6625	RU996	Left(67)	0.999	1.030	96.99	0.13	0.03
			6705	RU996	Left(67)	0.999	1.030	96.99	0.13	0.03

			6785	RU996	Left(67)	0.999	1.030	96.99	0.13	0.03
	802.11be (EHT160)	MIMO	6665	2xRU996	Left(68)	0.999	1.030	96.99	0.13	0.06

1.1.4 Ant1

Ant1										
ENV	Mode	TX Type	Frequency (MHz)	RU	RU Pos	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
NTNV	802.11be (EHT20)	MIMO	6895	RU242	Left(61)	0.999	1.031	96.90	0.14	0.06
			6995	RU242	Left(61)	0.999	1.031	96.90	0.14	0.03
			7115	RU242	Left(61)	0.999	1.031	96.90	0.14	0.06
	802.11be (EHT40)	MIMO	6925	RU484	Left(65)	0.999	1.030	96.99	0.13	0.03
			7005	RU484	Left(65)	0.999	1.030	96.99	0.13	0.03
			7085	RU484	Left(65)	0.999	1.030	96.99	0.13	0.03
	802.11be (EHT80)	MIMO	6945	RU996	Left(67)	0.999	1.030	96.99	0.13	0.06
			7025	RU996	Left(67)	1.002	1.030	97.28	0.12	0.03
	802.11be (EHT160)	MIMO	6985	2xRU996	Left(68)	0.999	1.030	96.99	0.13	0.06

1.1.5 Ant1

Ant1										
ENV	Mode	TX Type	Frequency (MHz)	RU	RU Pos	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
NTNV	802.11be (EHT20)	MIMO	6875	RU242	Left(61)	0.999	1.031	96.90	0.14	0.03
	802.11be (EHT40)	MIMO	6885	RU484	Left(65)	0.999	1.030	96.99	0.13	0.03
	802.11be (EHT80)	MIMO	6865	RU996	Left(67)	0.999	1.030	96.99	0.13	0.10
	802.11be (EHT160)	MIMO	6825	2xRU996	Left(68)	0.999	1.030	96.99	0.13	0.03
	802.11be (EHT320)	MIMO	6745	4xRU996	Left(70)	0.999	1.030	96.99	0.13	0.03
			6905	4xRU996	Left(70)	0.999	1.030	96.99	0.13	0.03

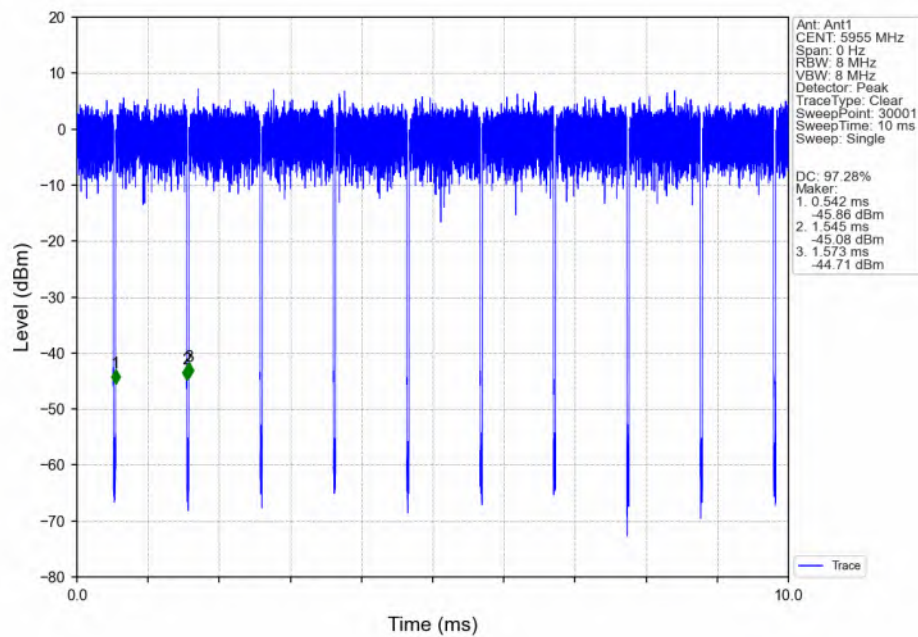
1.1.6 Ant1

Ant1										
ENV	Mode	TX Type	Frequency (MHz)	RU	RU Pos	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
NTNV	802.11be (EHT40)	MIMO	6525	RU484	Left(65)	0.999	1.030	96.99	0.13	0.03
	802.11be (EHT80)	MIMO	6545	RU996	Left(67)	0.999	1.030	96.99	0.13	0.06
	802.11be (EHT160)	MIMO	6505	2xRU996	Left(68)	0.999	1.030	96.99	0.13	0.03
	802.11be (EHT320)	MIMO	6585	4xRU996	Left(70)	0.999	1.030	96.99	0.13	0.03

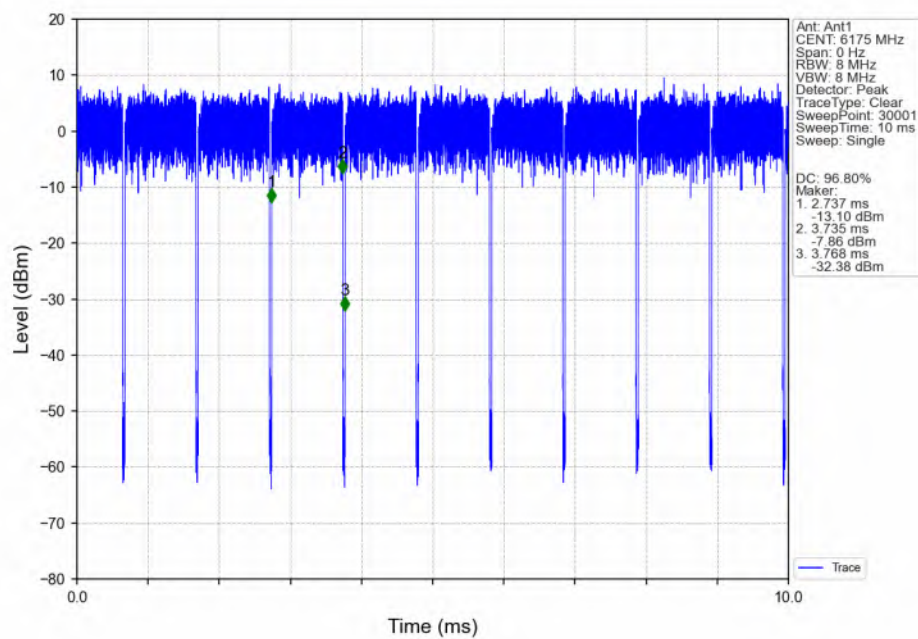
1.2 Test Graph

1.2.1 Ant1

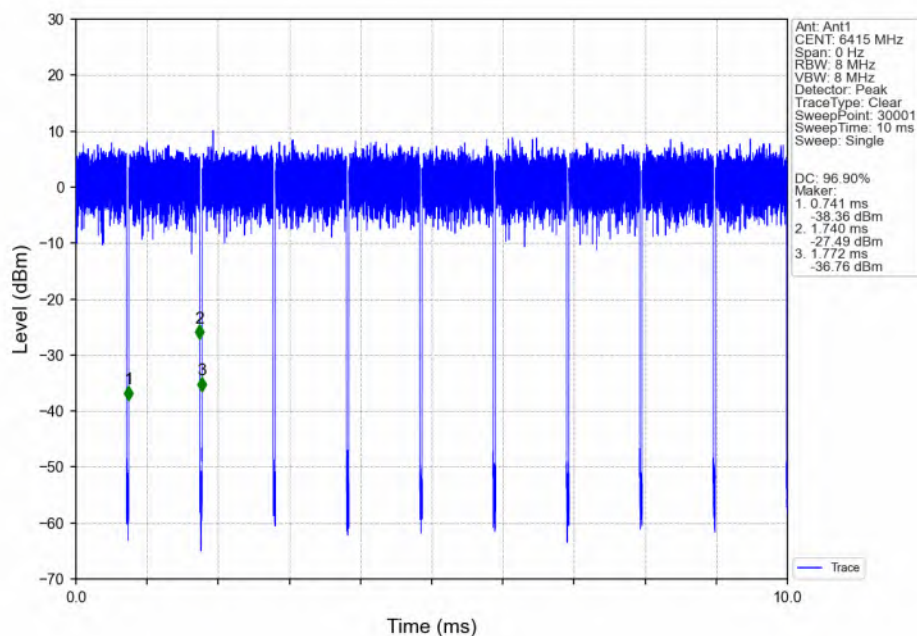
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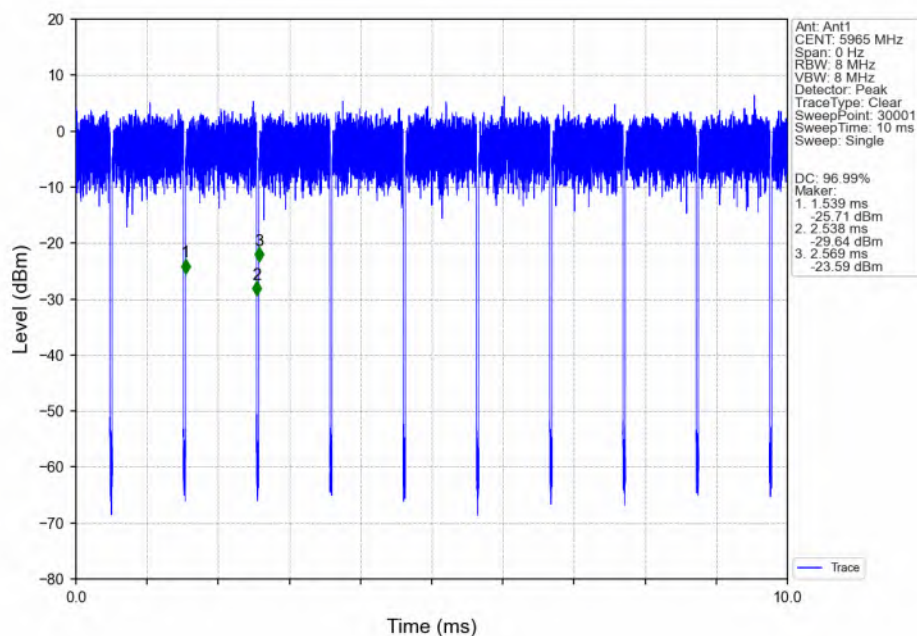
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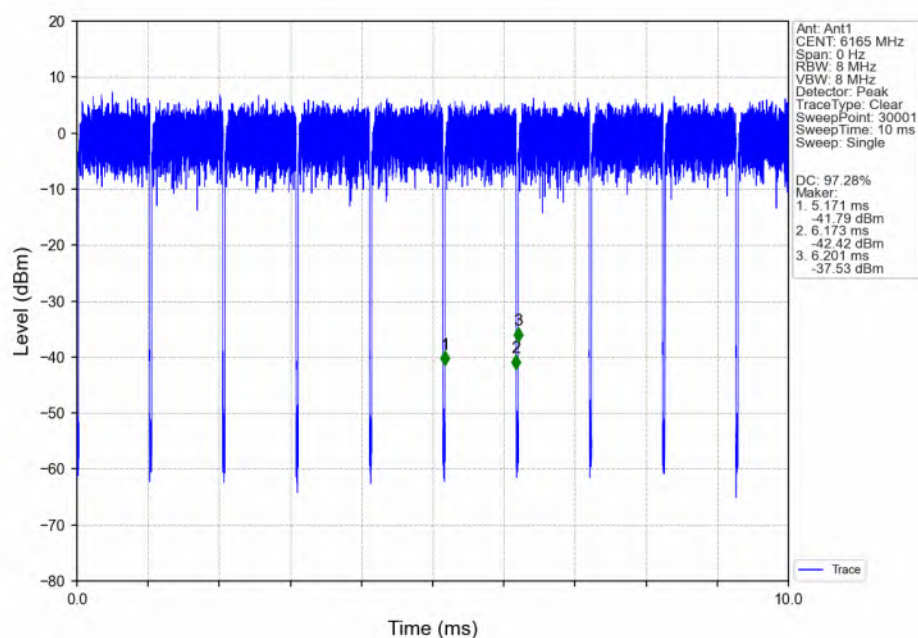
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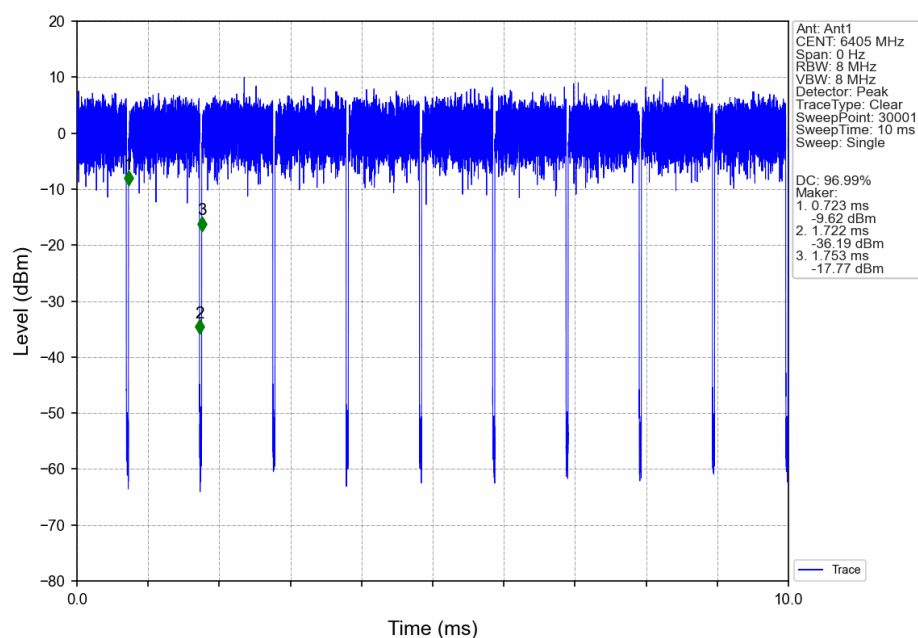
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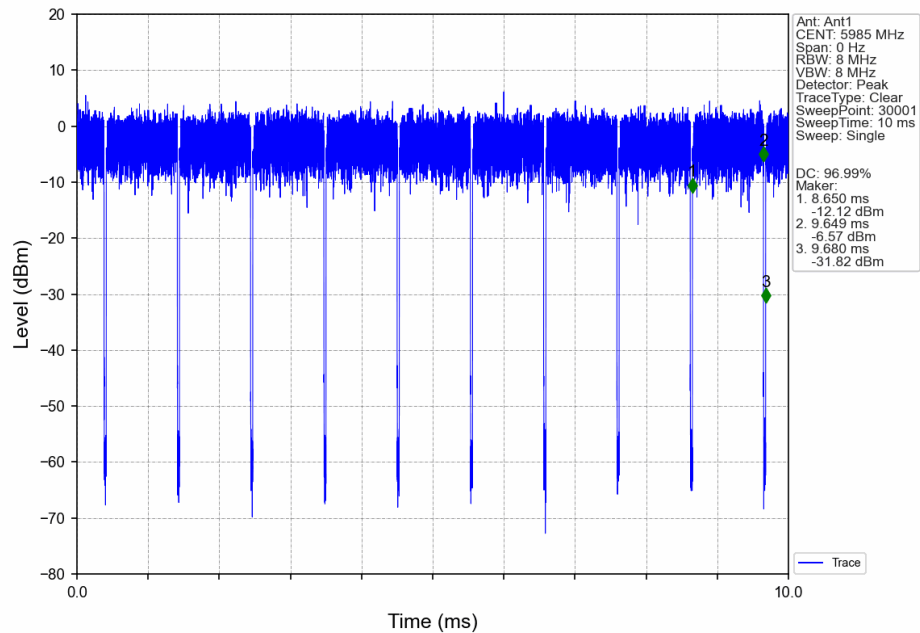
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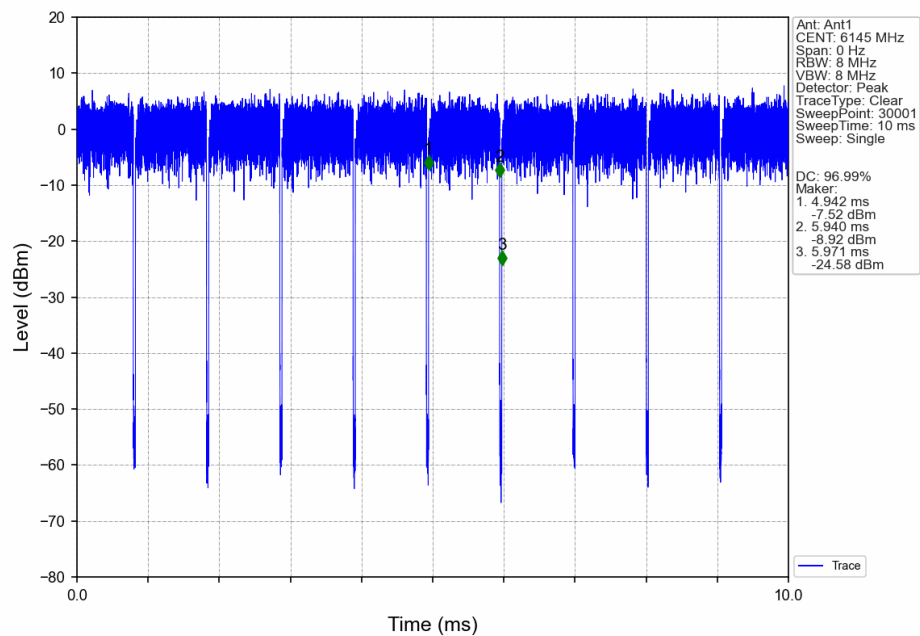
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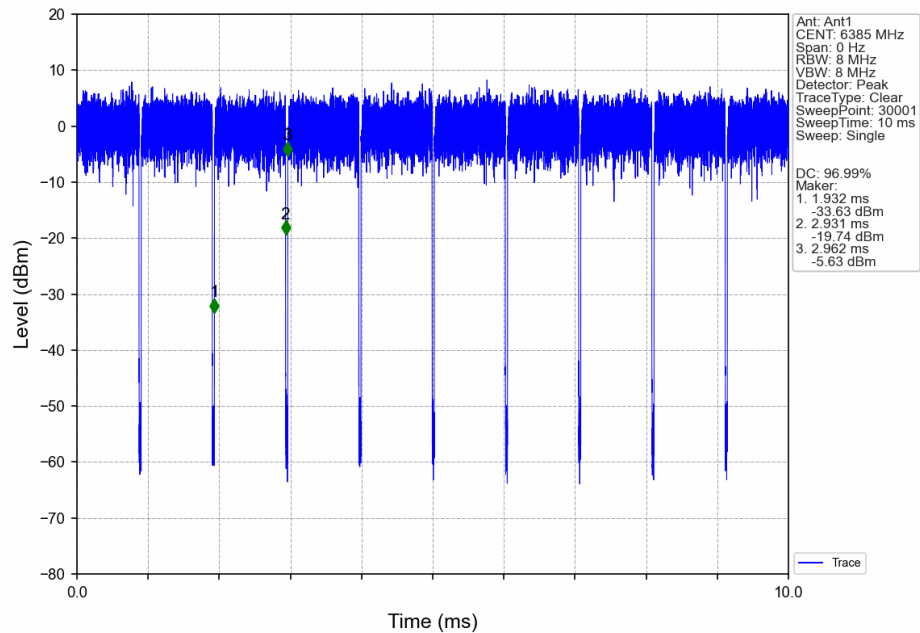
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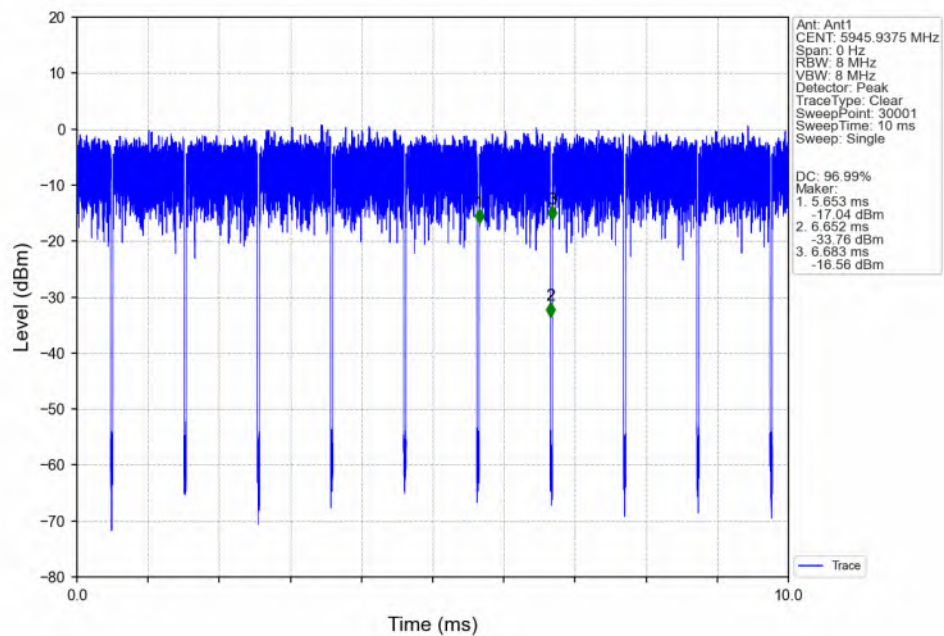
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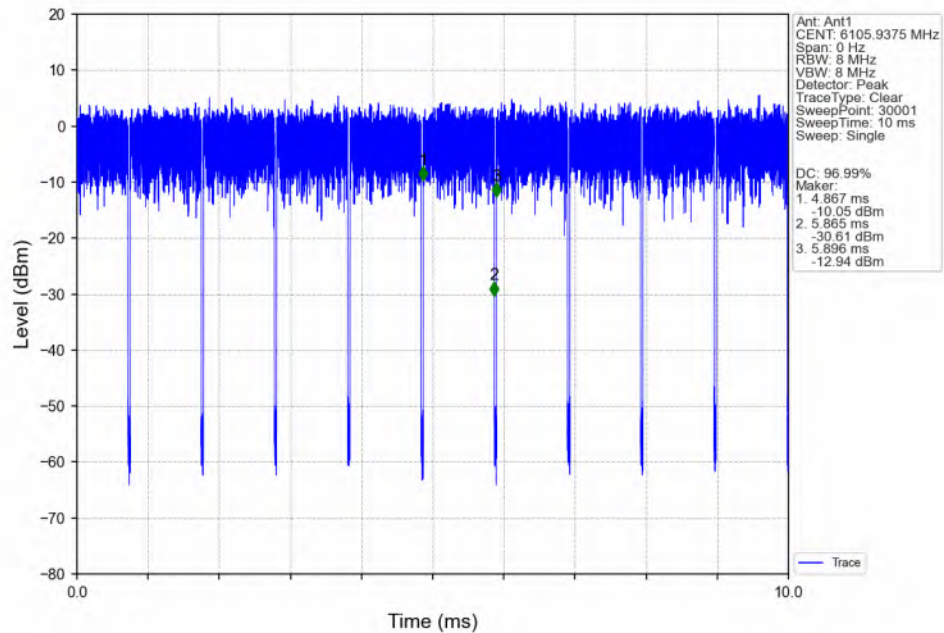
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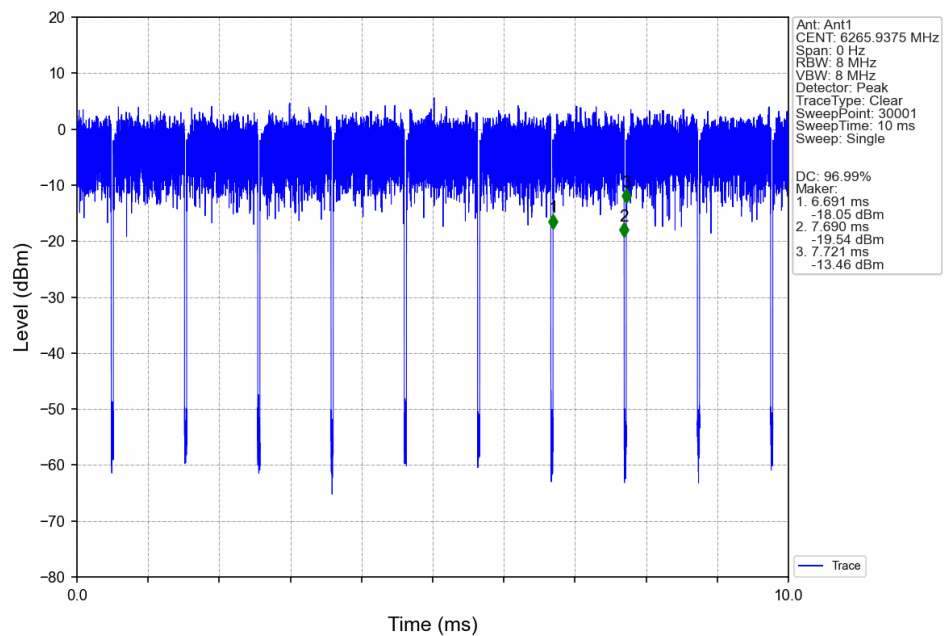
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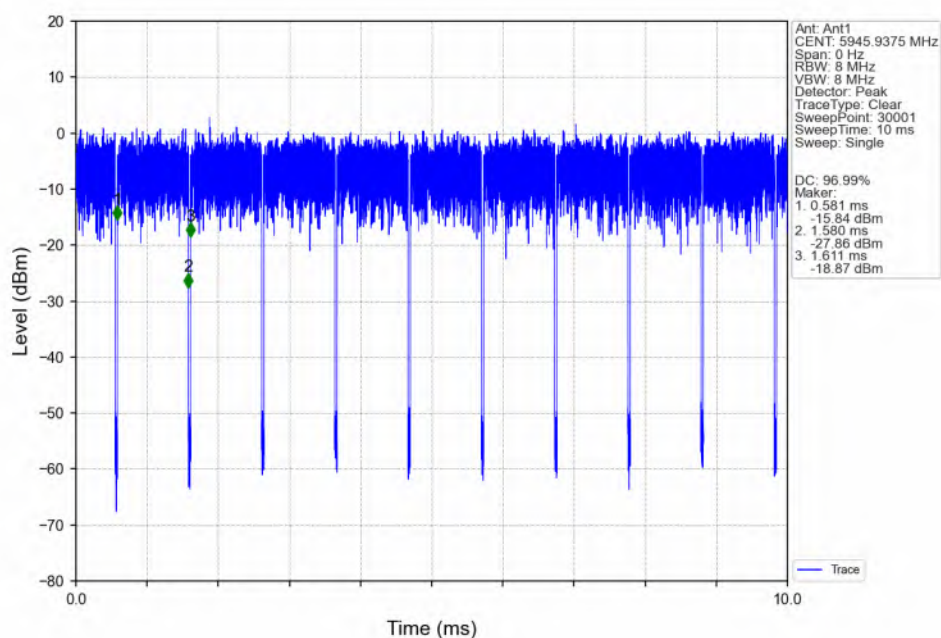
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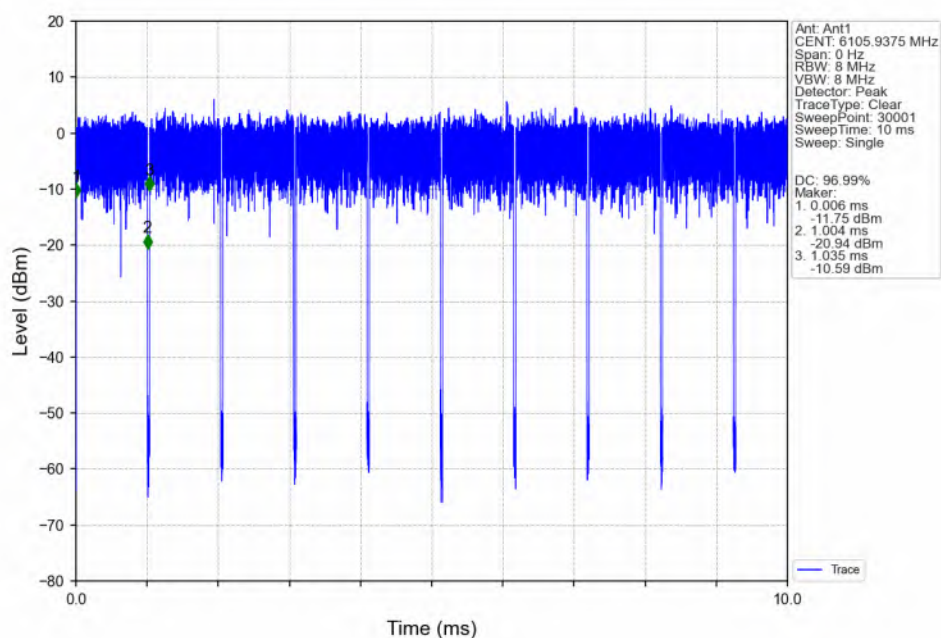
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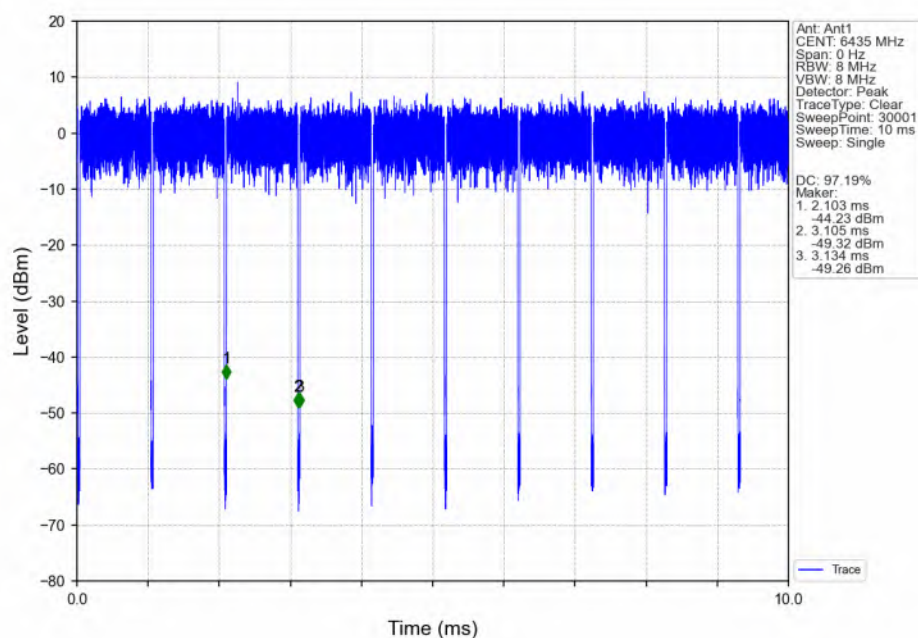


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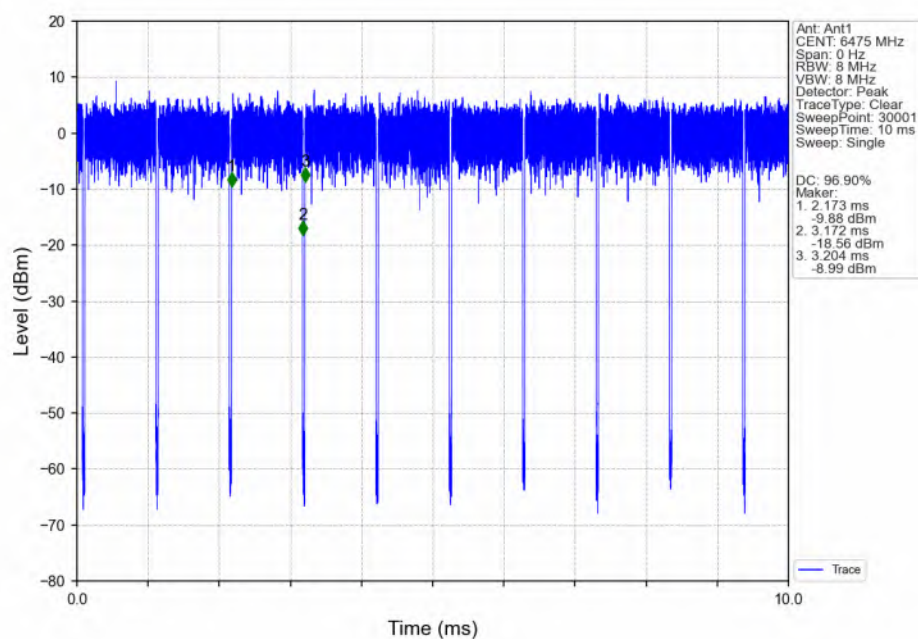


1.2.2 Ant1

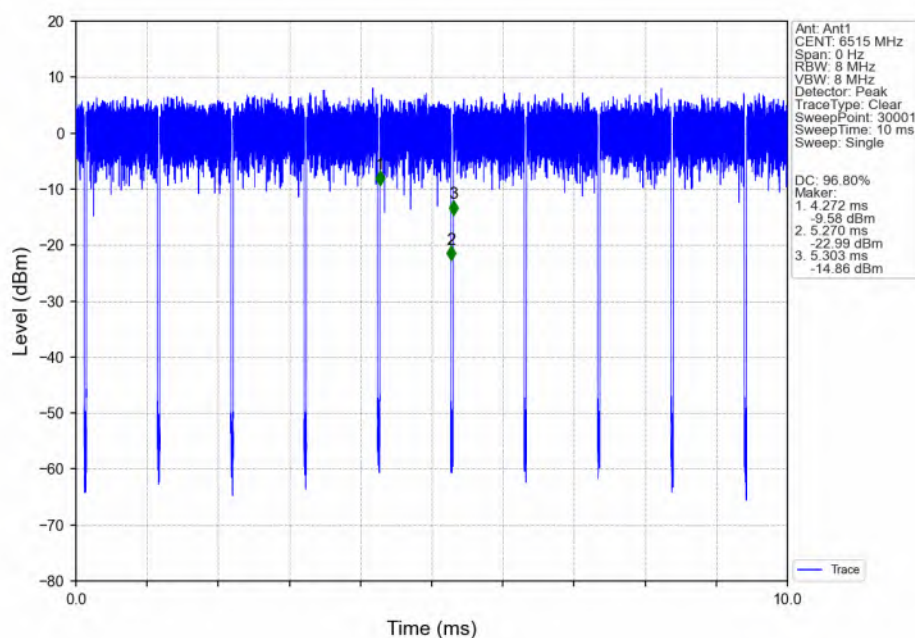
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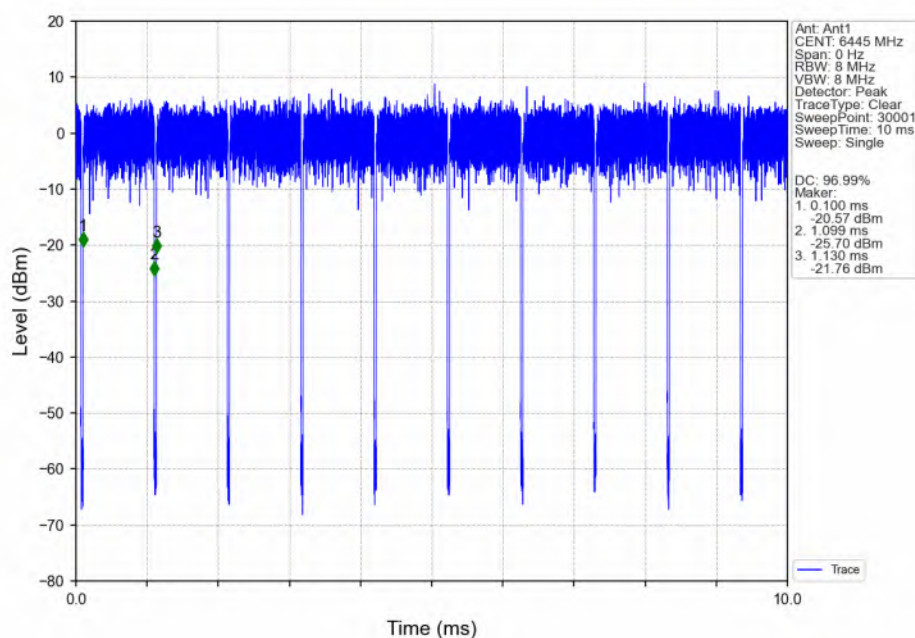
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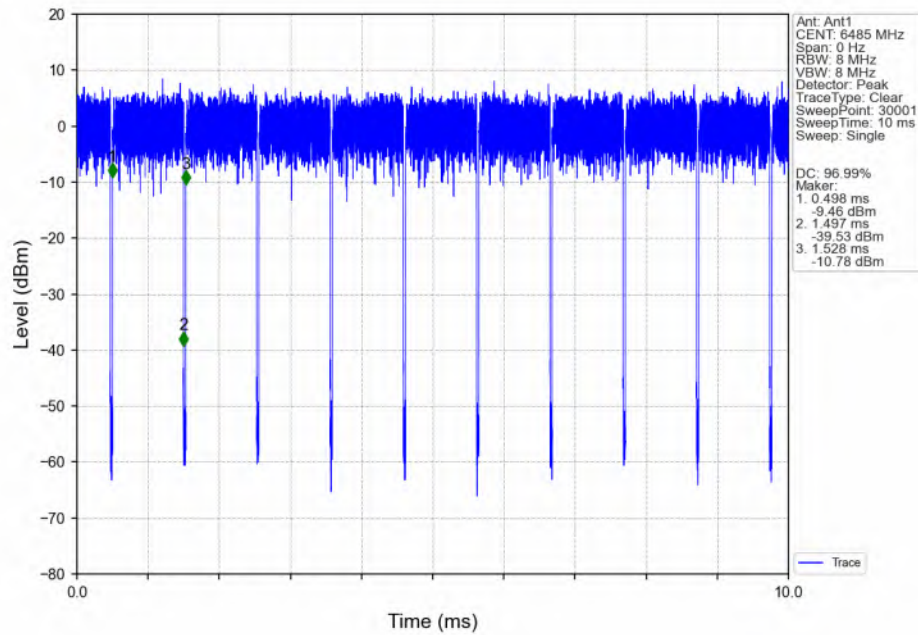
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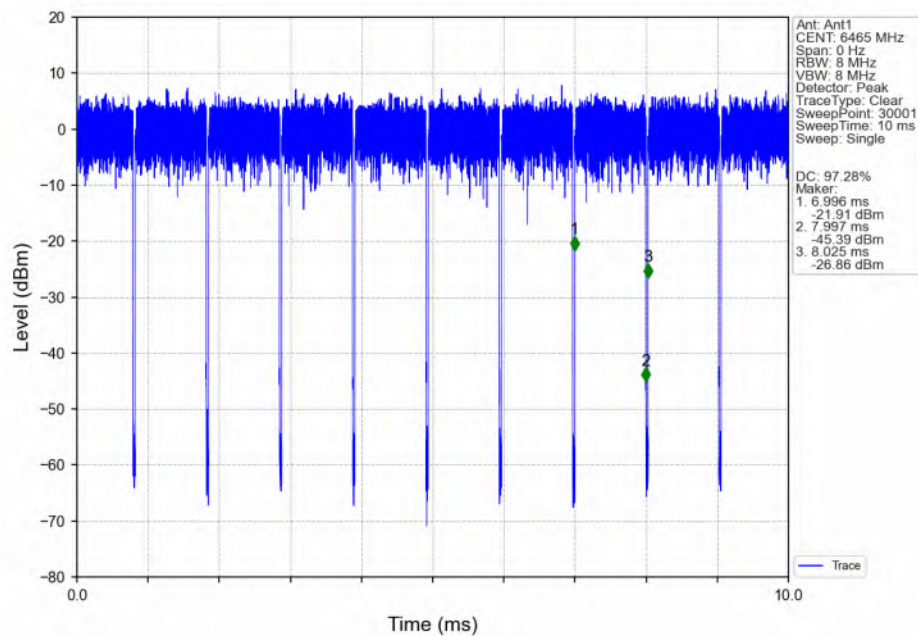
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802.11be(EHT40)_MCH_6485MHz_RU484_Left(65)_Ant1_NTNV

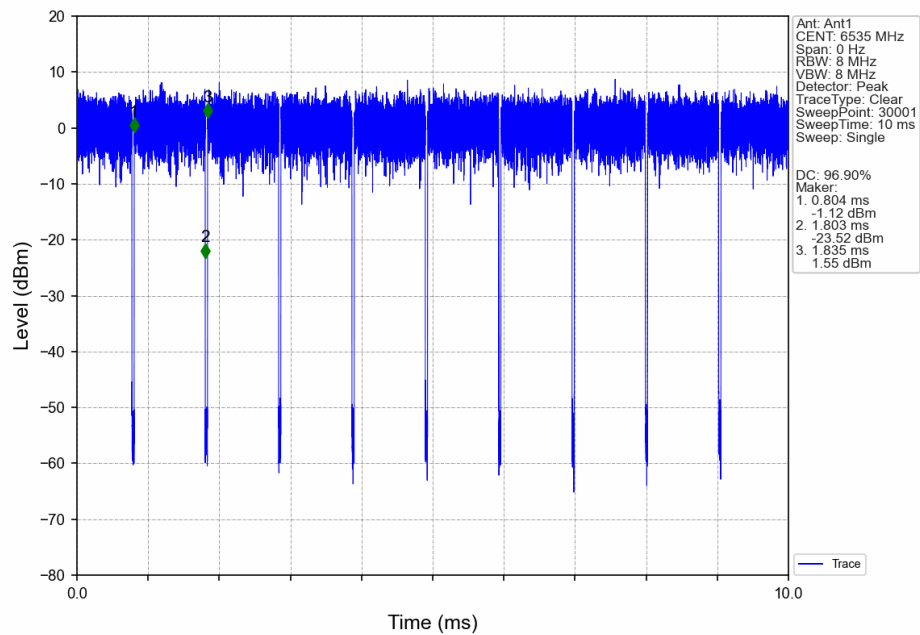


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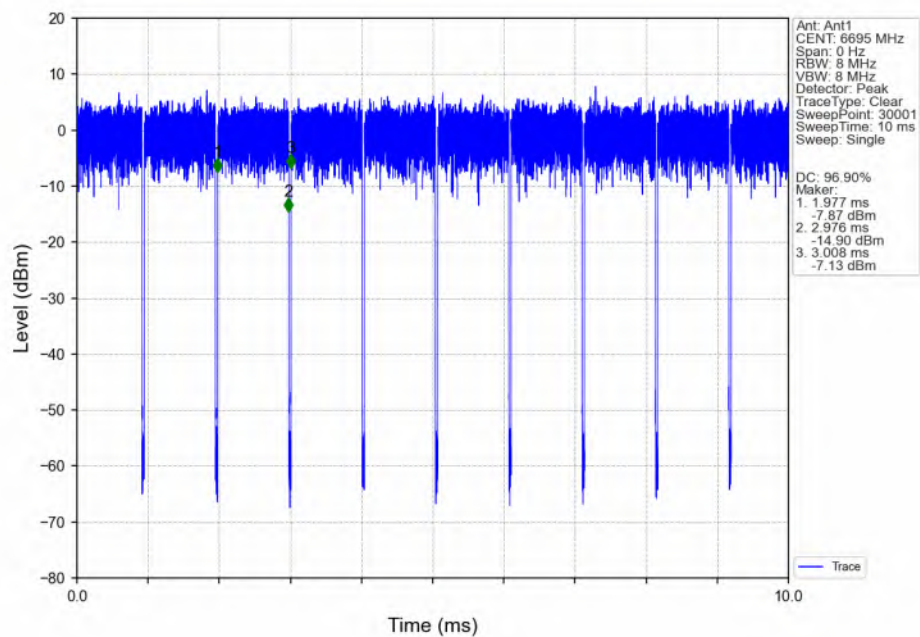


1.1.1 1.2.3 Ant1

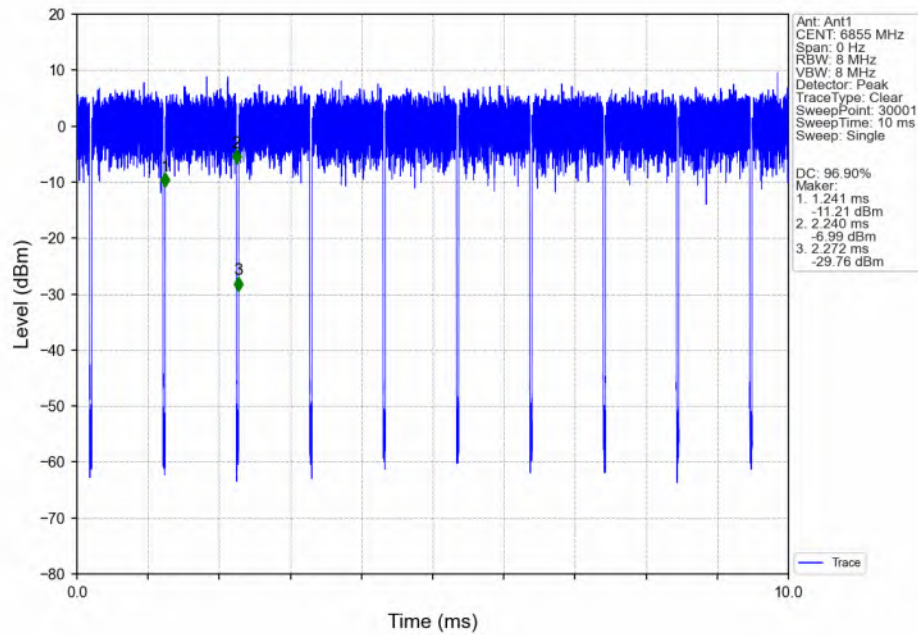
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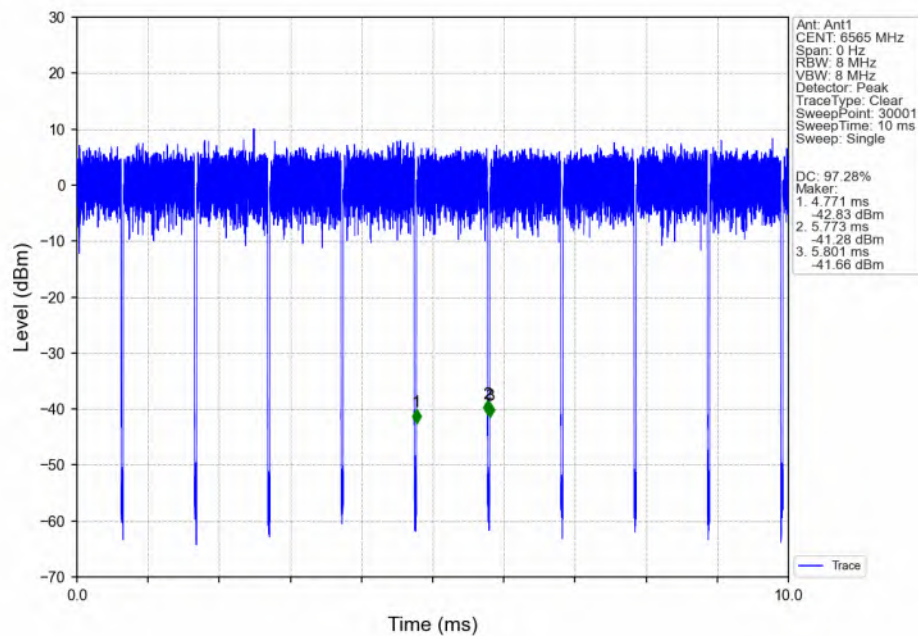
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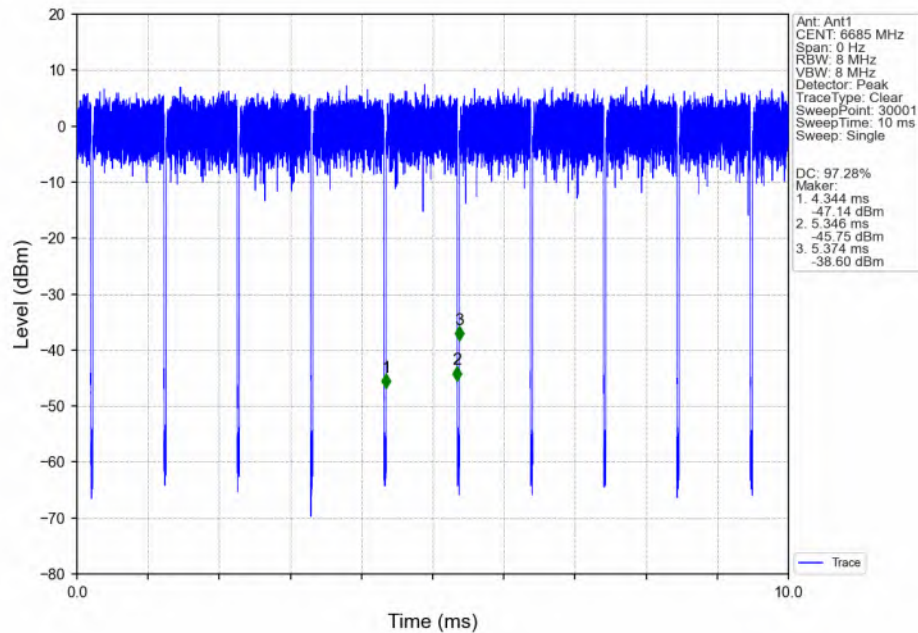
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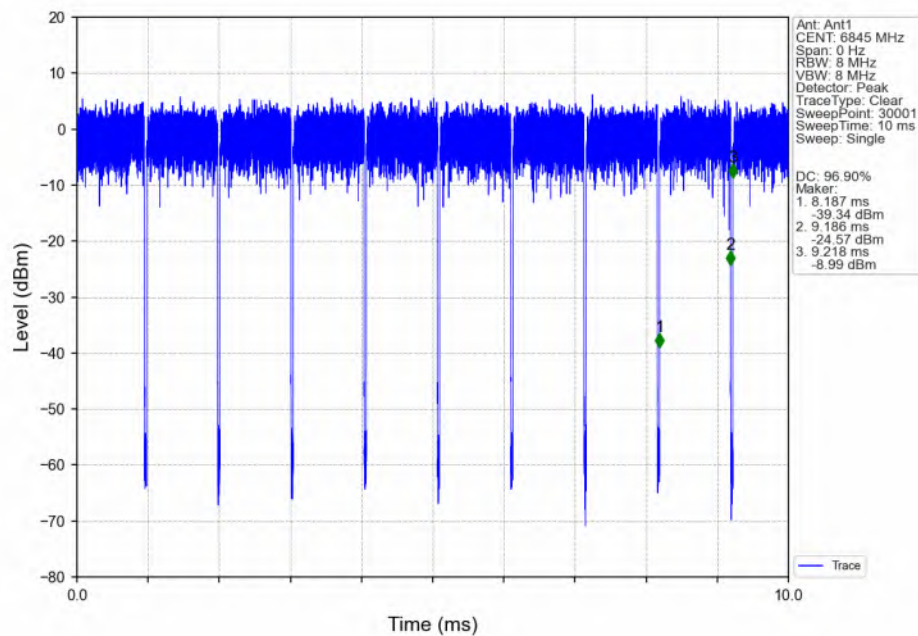
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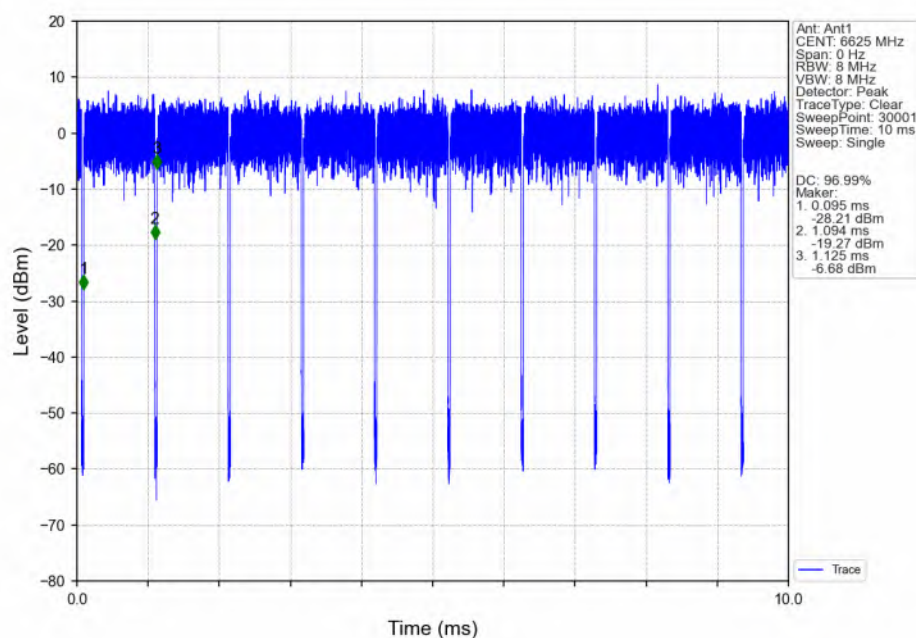
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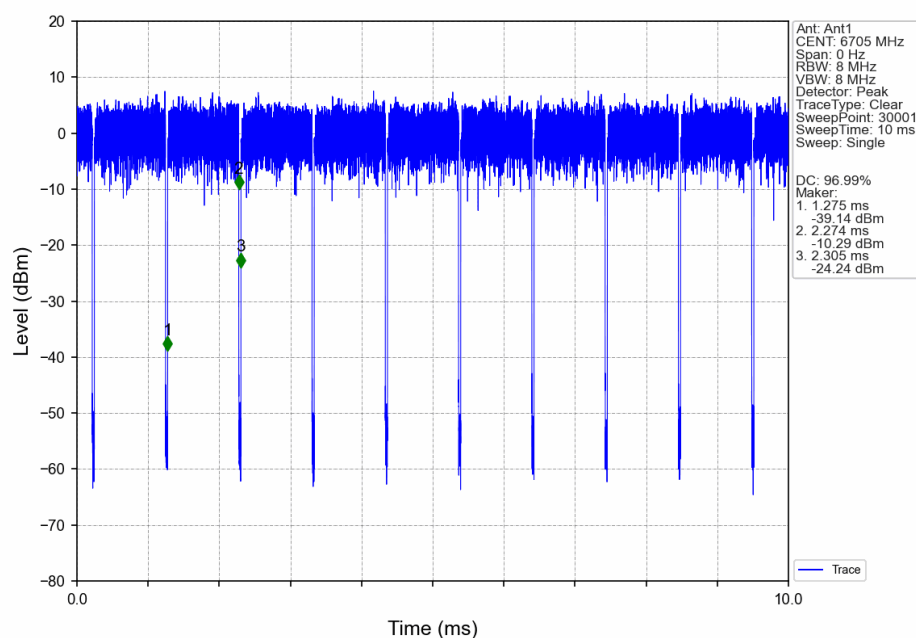
802.11be(EHT40)_HCH_6845MHz_RU484_Left(65)_Ant1_NTNV



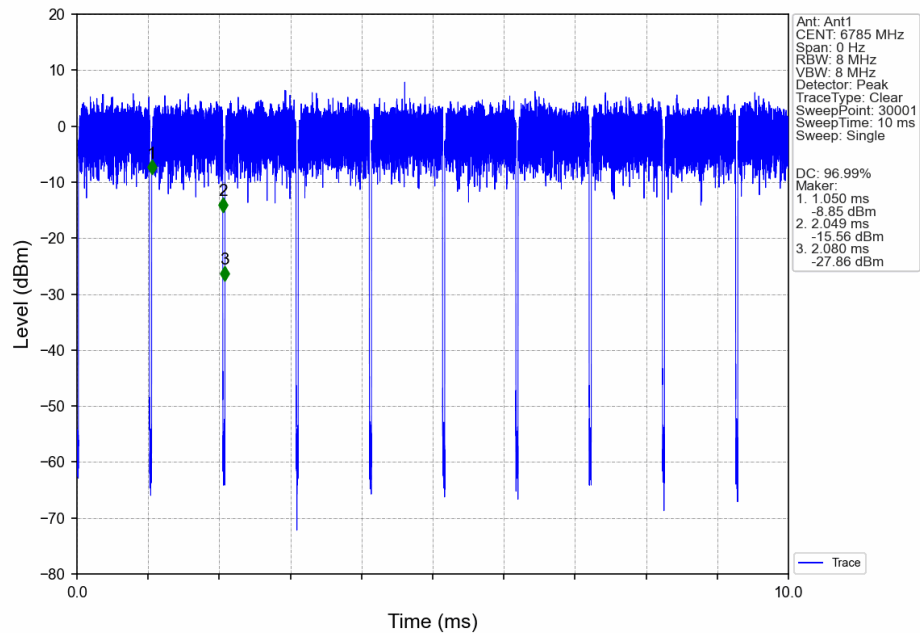
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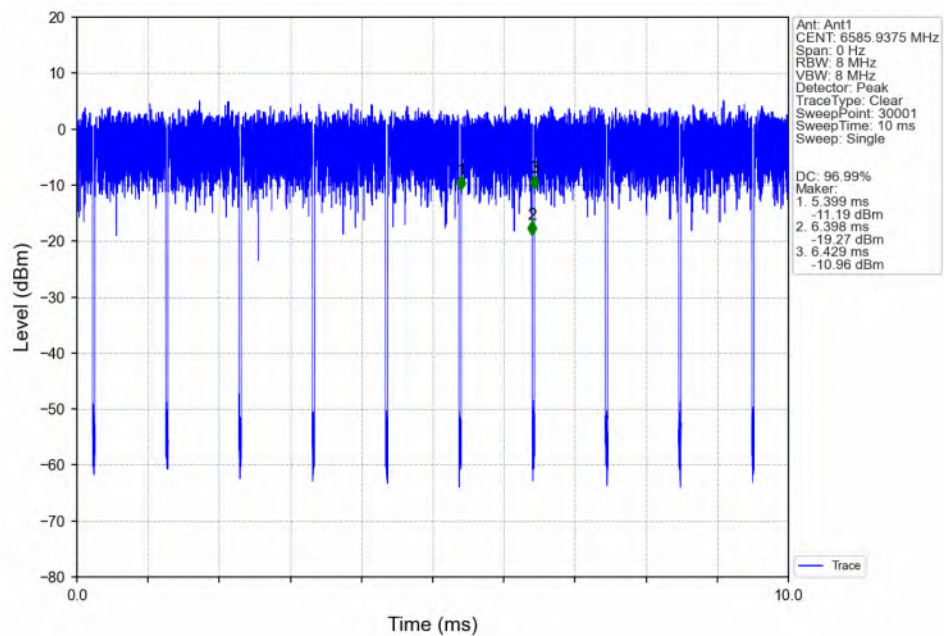
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802.11be(EHT80)_HCH_6785MHz_RU996_Left(67)_Ant1_NTNV

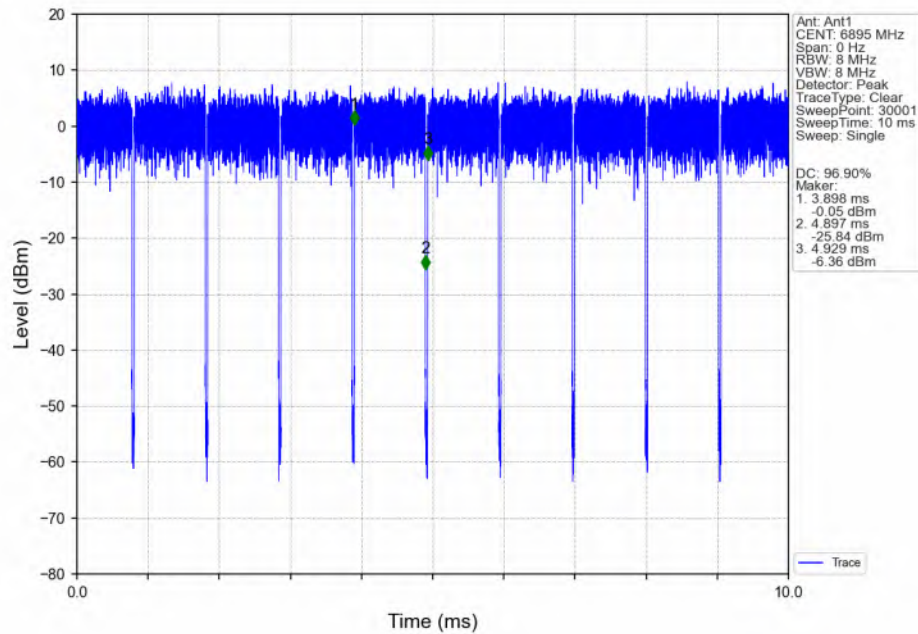


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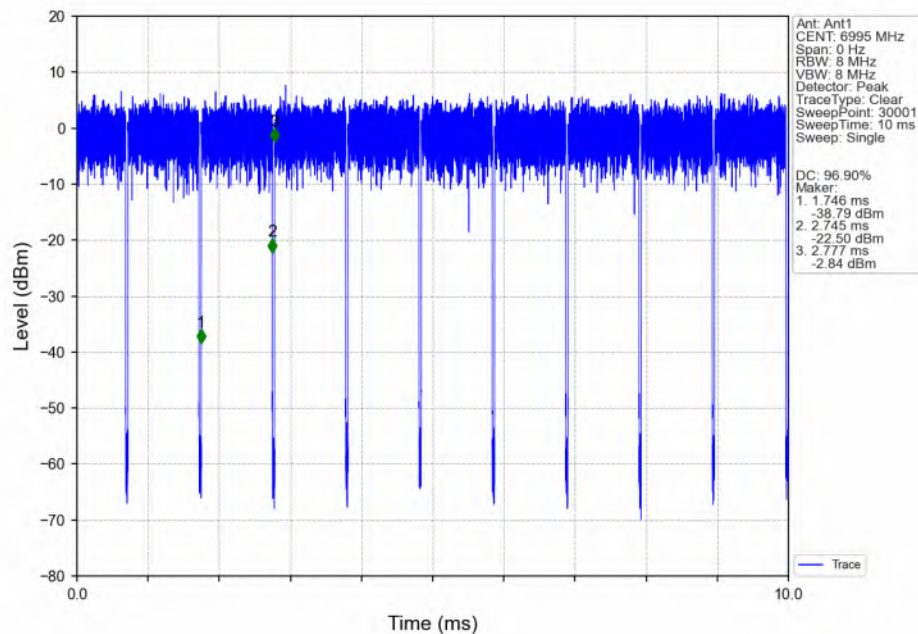


1.2.4 Ant1

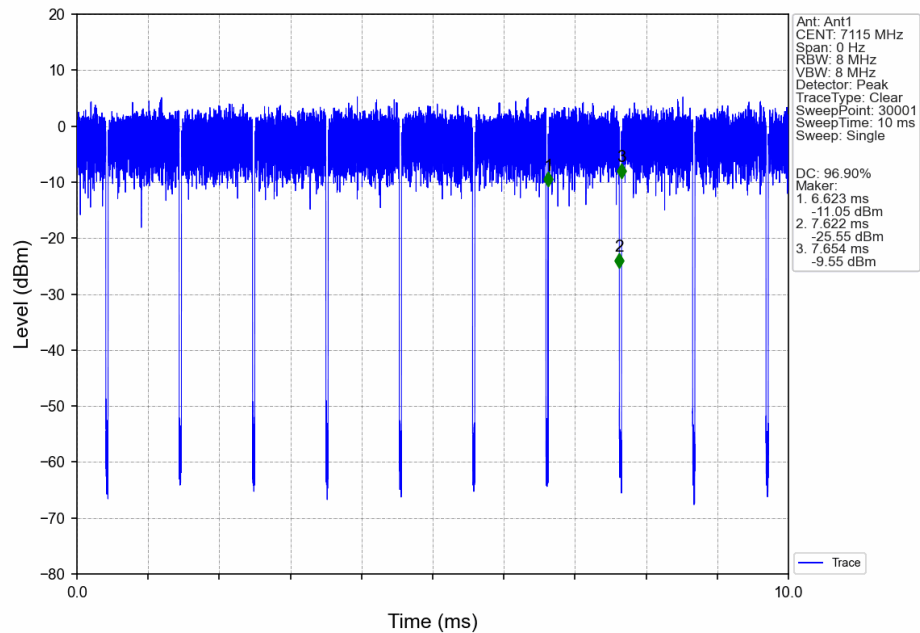
802.11be(EHT20)_LCH_6895MHz_RU242_Left(61)_Ant1_NTNV



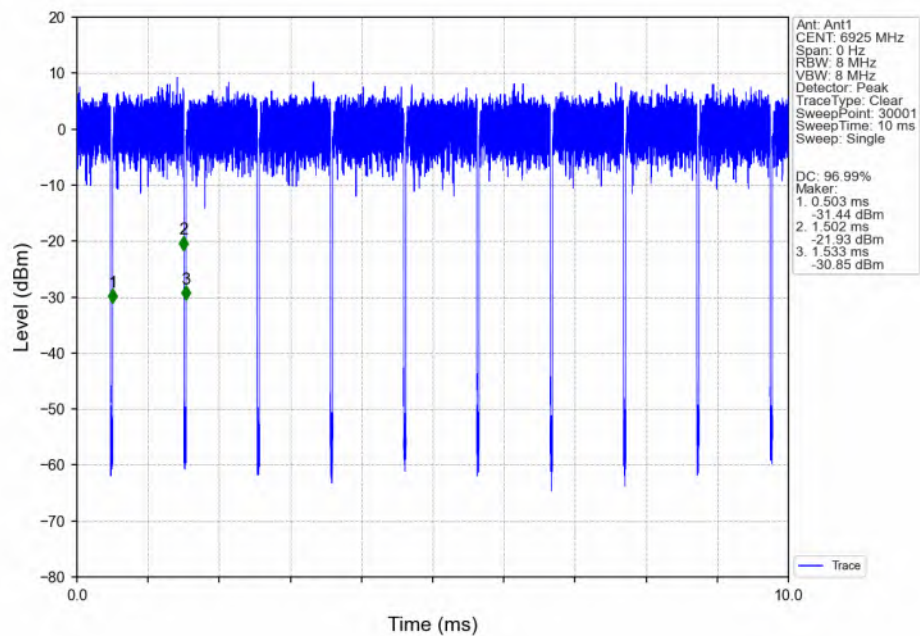
802.11be(EHT20)_MCH_6995MHz_RU242_Left(61)_Ant1_NTNV



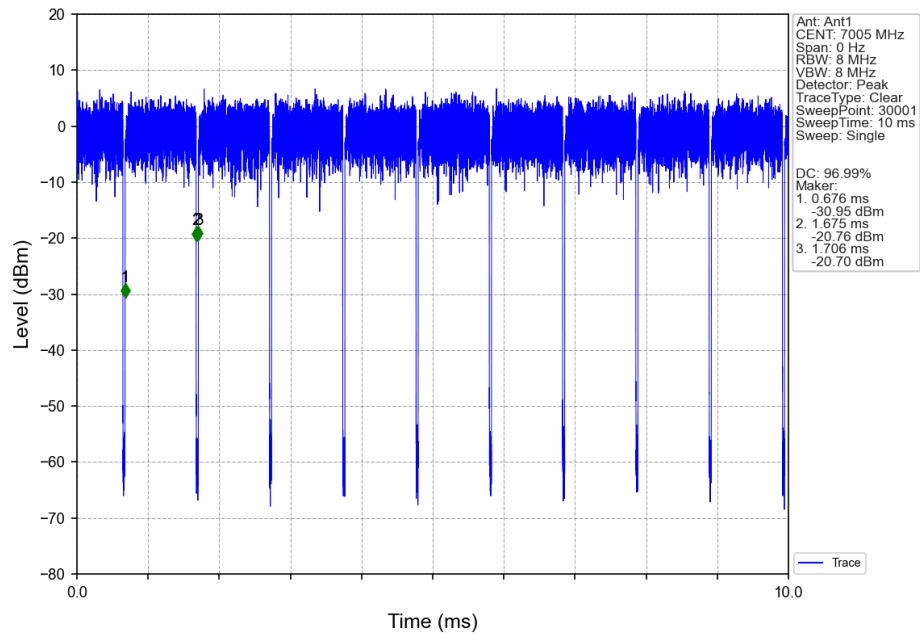
802.11be(EHT20)_HCH_7115MHz_RU242_Left(61)_Ant1_NTNV



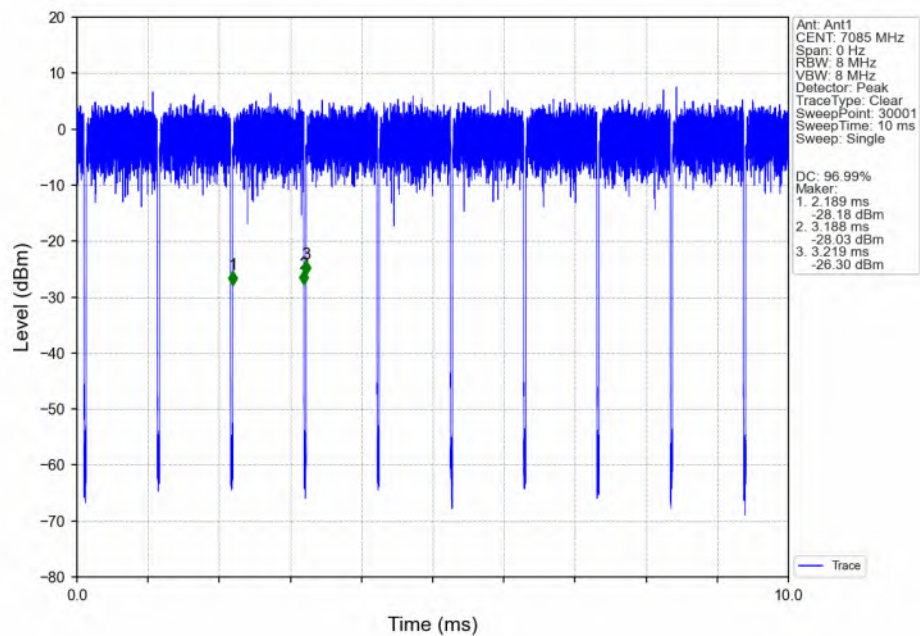
802.11be(EHT40)_LCH_6925MHz_RU484_Left(65)_Ant1_NTNV



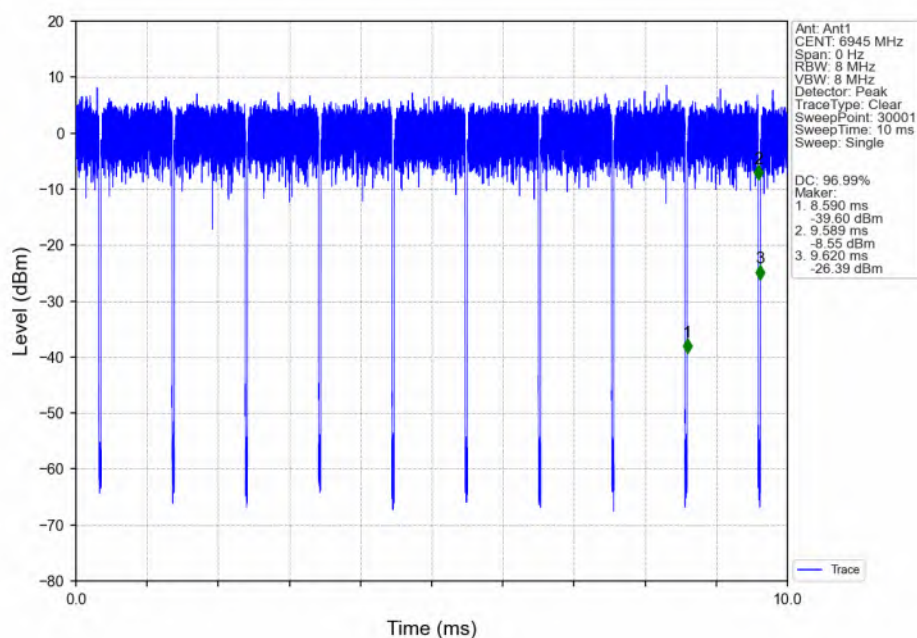
802.11be(EHT40)_MCH_7005MHz_RU484_Left(65)_Ant1_NTNV



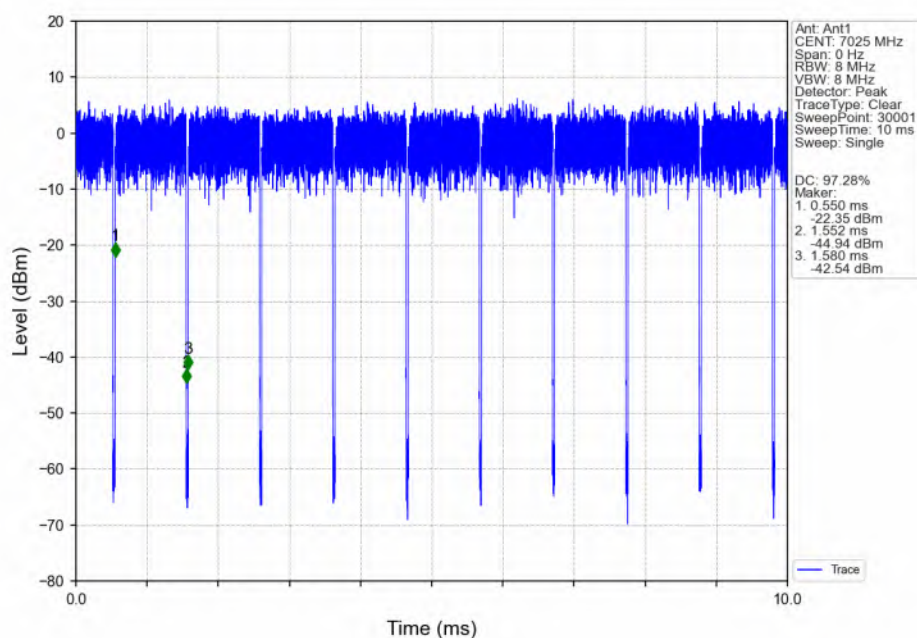
802.11be(EHT40)_HCH_7085MHz_RU484_Left(65)_Ant1_NTNV



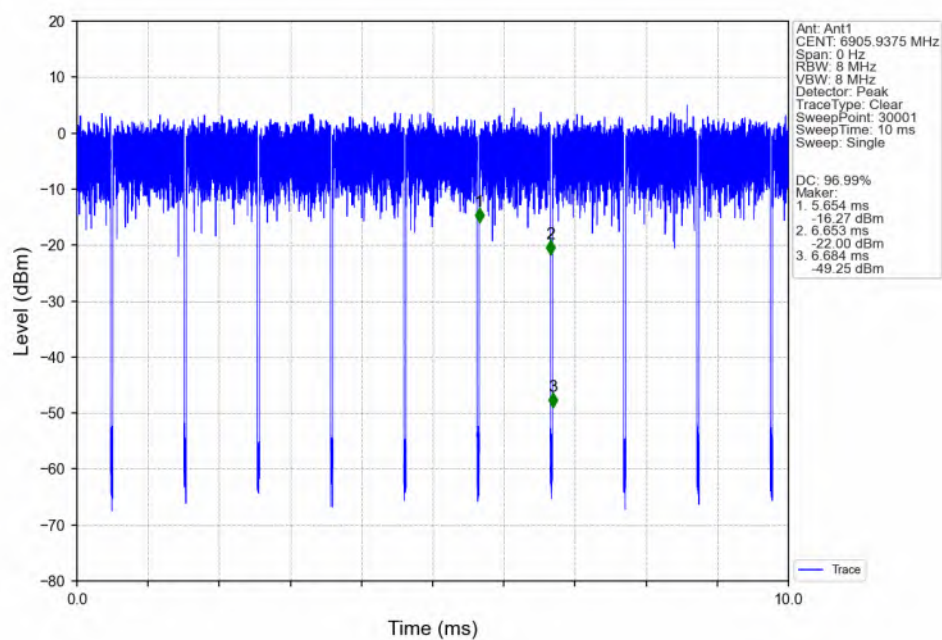
802.11be(EHT80)_LCH_6945MHz_RU996_Left(67)_Ant1_NTNV



802.11be(EHT80)_HCH_7025MHz_RU996_Left(67)_Ant1_NTNV

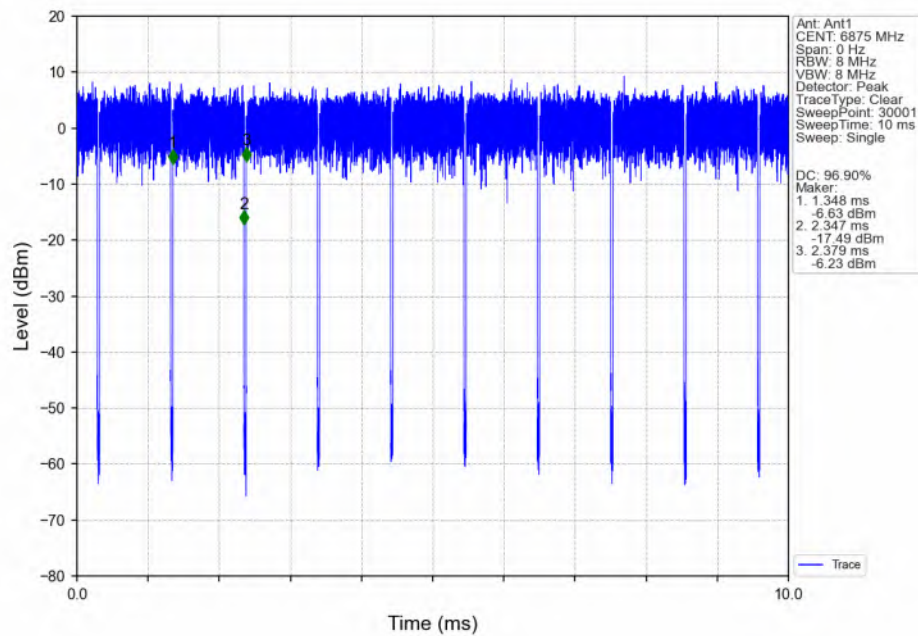


802.11be(EHT160)_MCH_6985MHz_2xRU996_Left(68)_Ant1_NTNV

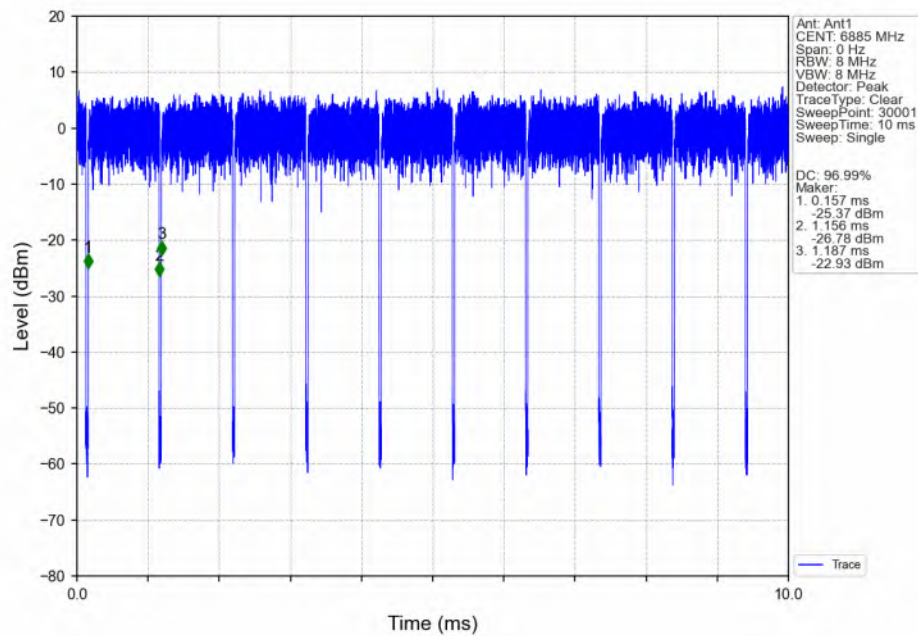


1.2.5 Ant1

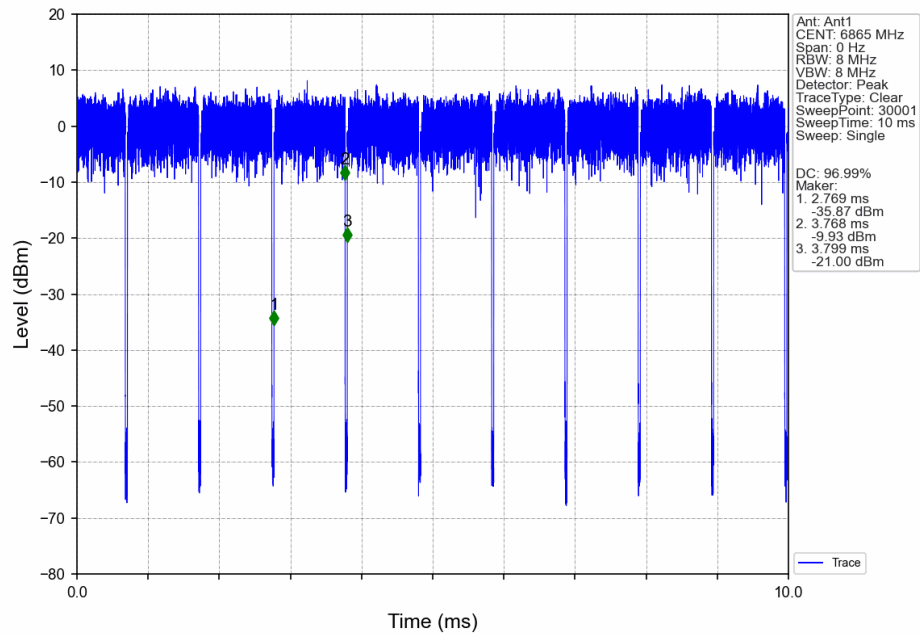
802.11be(EHT20)_HCH_6875MHz_RU242_Left(61)_Ant1_NTNV



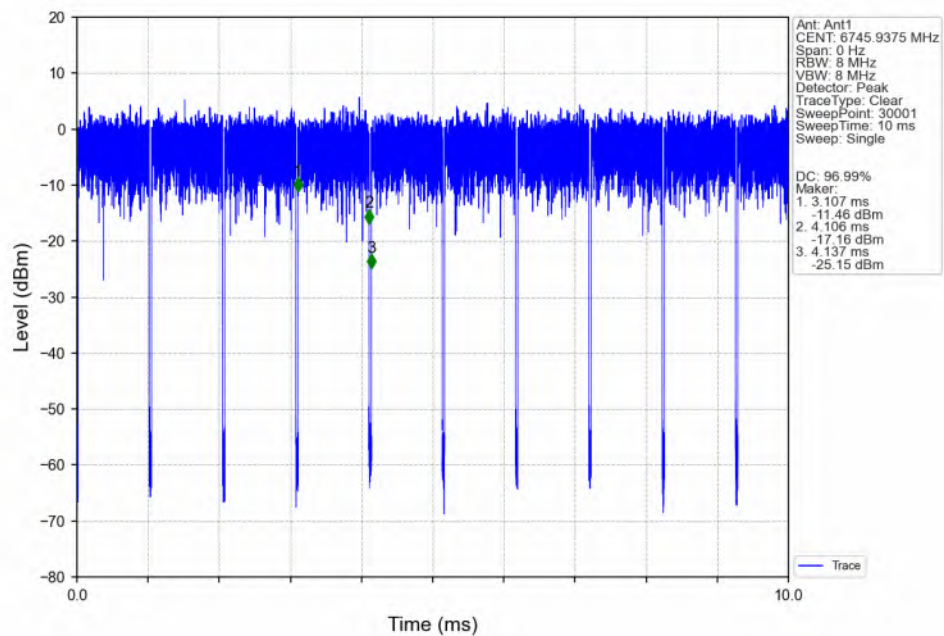
802.11be(EHT40)_HCH_6885MHz_RU484_Left(65)_Ant1_NTNV



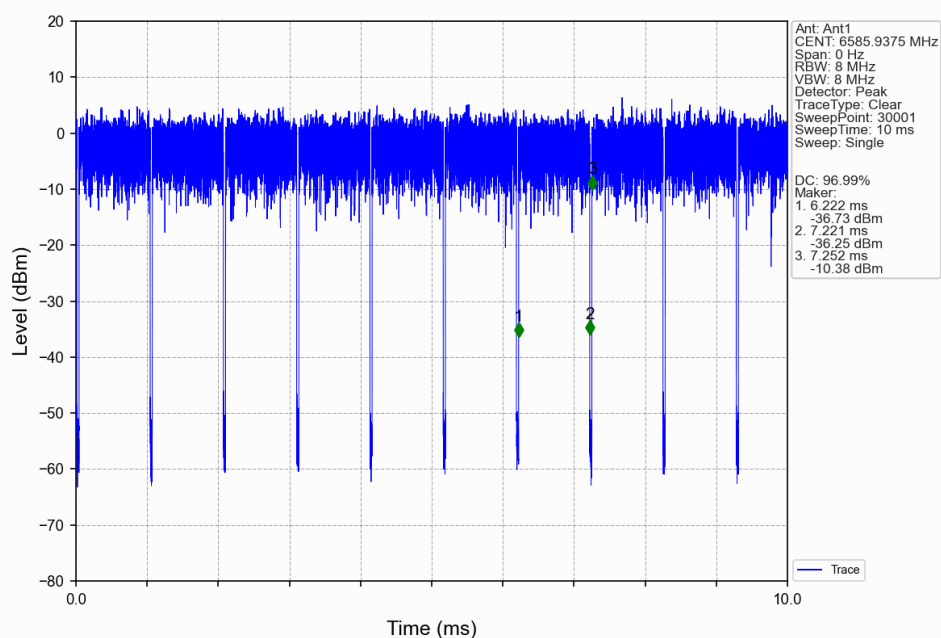
802.11be(EHT80)_HCH_6865MHz_RU996_Left(67)_Ant1_NTNV



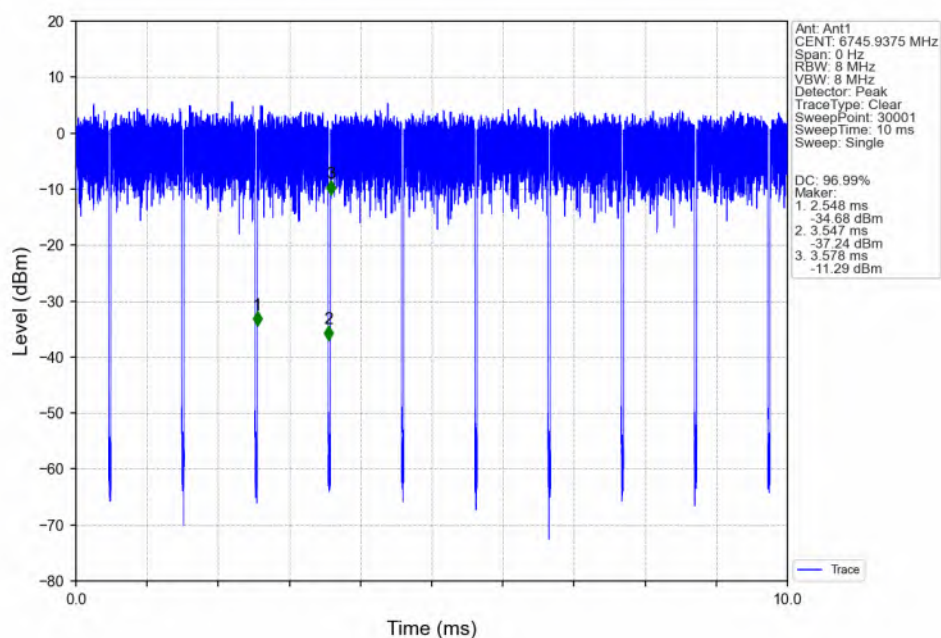
802.11be(EHT160)_HCH_6825MHz_2xRU996_Left(68)_Ant1_NTNV



802.11be(EHT320)_LCH_6745MHz_4xRU996_Left(70)_Ant1_NTNV

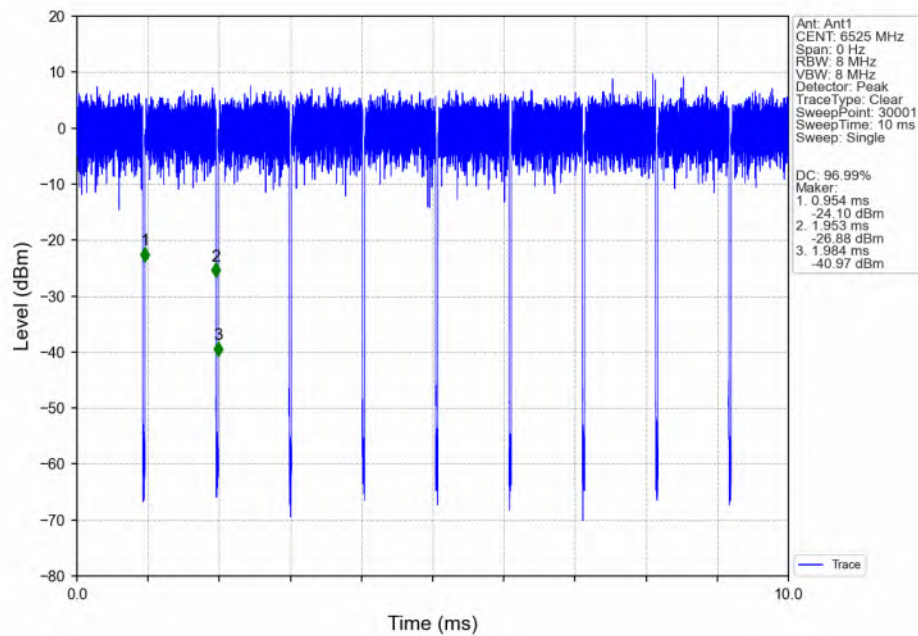


802.11be(EHT320)_HCH_6905MHz_4xRU996_Left(70)_Ant1_NTNV

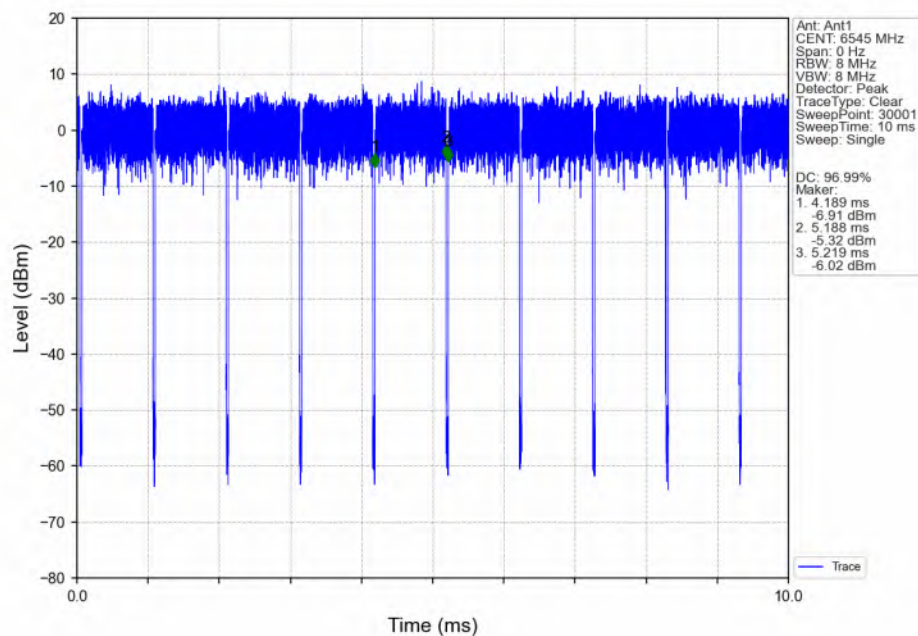


1.2.6 Ant1

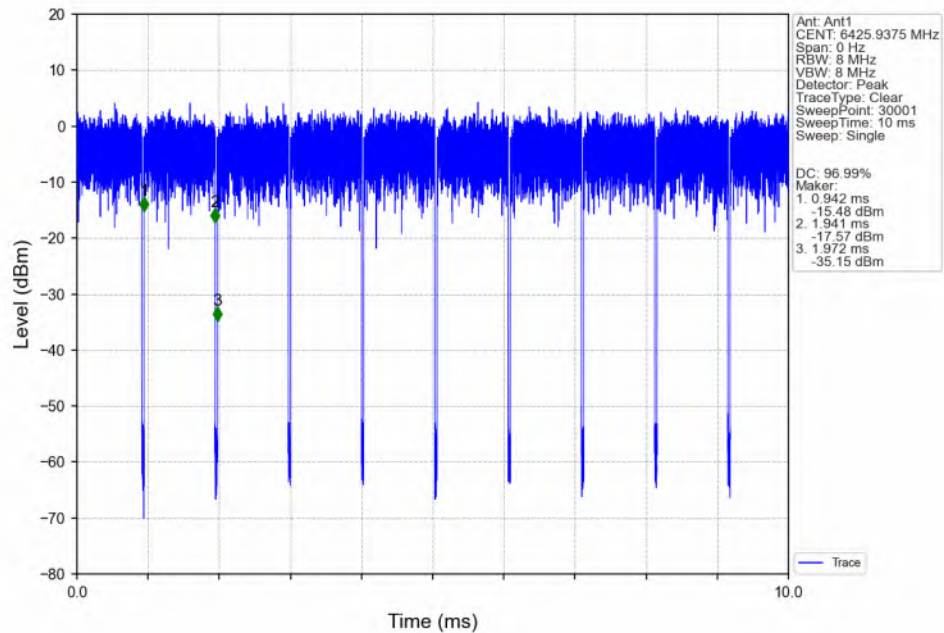
802.11be(EHT40)_HCH_6525MHz_RU484_Left(65)_Ant1_NTNV



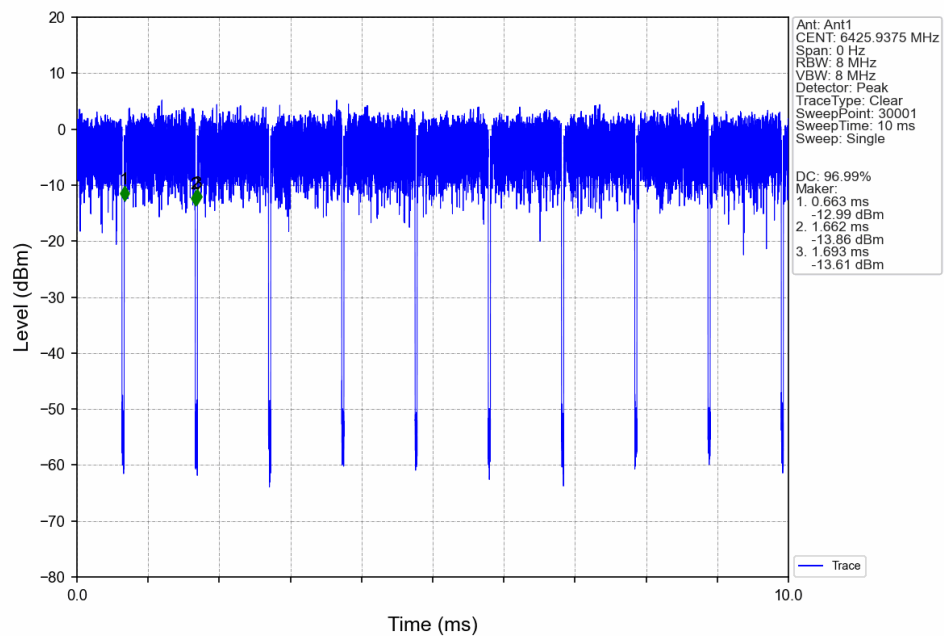
802.11be(EHT80)_HCH_6545MHz_RU996_Left(67)_Ant1_NTNV



802.11be(EHT160)_HCH_6505MHz_2xRU996_Left(68)_Ant1_NTNV



802.11be(EHT320)_MCH_6585MHz_4xRU996_Left(70)_Ant1_NTNV



Appendix A.2: Bandwidth

2.1 Test Result

2.1.1 OBW

ENV	Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	99% Occupied Bandwidth (MHz)		Verdict
							Result	Limit	
NTNV	802.11be (EHT20)	MIMO	5955	RU242	Left(61)	1	19.337	<=320	Pass
			6175	RU242	Left(61)	1	19.395	<=320	Pass
			6415	RU242	Left(61)	1	19.340	<=320	Pass
	802.11be (EHT40)	MIMO	5965	RU484	Left(65)	1	38.010	<=320	Pass
			6165	RU484	Left(65)	1	38.323	<=320	Pass
			6405	RU484	Left(65)	1	37.951	<=320	Pass
	802.11be (EHT80)	MIMO	5985	RU996	Left(67)	1	77.677	<=320	Pass
			6145	RU996	Left(67)	1	77.904	<=320	Pass
			6385	RU996	Left(67)	1	77.656	<=320	Pass
	802.11be (EHT160)	MIMO	6025	2xRU996	Left(68)	1	156.677	<=320	Pass
			6185	2xRU996	Left(68)	1	157.793	<=320	Pass
			6345	2xRU996	Left(68)	1	157.089	<=320	Pass
	802.11be (EHT320)	MIMO	6105	4xRU996	Left(70)	1	313.686	<=320	Pass
			6265	4xRU996	Left(70)	1	315.615	<=320	Pass

2.1.2 26dB BW

ENV	Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	26dB Bandwidth (MHz)		Verdict
							Result	Limit	
NTNV	802.11be (EHT20)	MIMO	5955	RU242	Left(61)	1	21.648	/	Pass
			6175	RU242	Left(61)	1	21.617	/	Pass
			6415	RU242	Left(61)	1	21.704	/	Pass
	802.11be (EHT40)	MIMO	5965	RU484	Left(65)	1	40.635	/	Pass
			6165	RU484	Left(65)	1	40.283	/	Pass
			6405	RU484	Left(65)	1	40.409	/	Pass
	802.11be (EHT80)	MIMO	5985	RU996	Left(67)	1	81.662	/	Pass
			6145	RU996	Left(67)	1	81.909	/	Pass
			6385	RU996	Left(67)	1	81.391	/	Pass
	802.11be (EHT160)	MIMO	6025	2xRU996	Left(68)	1	164.690	/	Pass
			6185	2xRU996	Left(68)	1	164.132	/	Pass
			6345	2xRU996	Left(68)	1	164.534	/	Pass
	802.11be (EHT320)	MIMO	6105	4xRU996	Left(70)	1	326.837	/	Pass
			6265	4xRU996	Left(70)	1	329.473	/	Pass

2.1.3 OBW

ENV	Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	99% Occupied Bandwidth (MHz)		Verdict
							Result	Limit	
NTNV	802.11be (EHT20)	MIMO	6435	RU242	Left(61)	1	19.354	<=320	Pass
			6475	RU242	Left(61)	1	19.428	<=320	Pass
			6515	RU242	Left(61)	1	19.339	<=320	Pass
	802.11be (EHT40)	MIMO	6445	RU484	Left(65)	1	38.007	<=320	Pass
			6485	RU484	Left(65)	1	37.864	<=320	Pass

	802.11be (EHT80)	MIMO	6465	RU996	Left(67)	1	77.604	<=320	Pass
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2.1.4 26dB BW

ENV	Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	26dB Bandwidth (MHz)		Verdict
							Result	Limit	
NTNV	802.11be (EHT20)	MIMO	6435	RU242	Left(61)	1	21.483	/	Pass
			6475	RU242	Left(61)	1	21.553	/	Pass
			6515	RU242	Left(61)	1	21.483	/	Pass
	802.11be (EHT40)	MIMO	6445	RU484	Left(65)	1	40.294	/	Pass
			6485	RU484	Left(65)	1	40.498	/	Pass
	802.11be (EHT80)	MIMO	6465	RU996	Left(67)	1	80.824	/	Pass

2.1.5 OBW

ENV	Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	99% Occupied Bandwidth (MHz)		Verdict
							Result	Limit	
NTNV	802.11be (EHT20)	MIMO	6535	RU242	Left(61)	1	19.292	<=320	Pass
			6695	RU242	Left(61)	1	19.384	<=320	Pass
			6855	RU242	Left(61)	1	19.325	<=320	Pass
	802.11be (EHT40)	MIMO	6565	RU484	Left(65)	1	37.906	<=320	Pass
			6685	RU484	Left(65)	1	38.002	<=320	Pass
			6845	RU484	Left(65)	1	38.084	<=320	Pass
	802.11be (EHT80)	MIMO	6625	RU996	Left(67)	1	77.654	<=320	Pass
			6705	RU996	Left(67)	1	77.664	<=320	Pass
			6785	RU996	Left(67)	1	77.821	<=320	Pass
	802.11be (EHT160)	MIMO	6665	2xRU996	Left(68)	1	156.980	<=320	Pass

2.1.6 26dB BW

ENV	Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	26dB Bandwidth (MHz)		Verdict
							Result	Limit	
NTNV	802.11be (EHT20)	MIMO	6535	RU242	Left(61)	1	21.486	/	Pass
			6695	RU242	Left(61)	1	21.511	/	Pass
			6855	RU242	Left(61)	1	21.605	/	Pass
	802.11be (EHT40)	MIMO	6565	RU484	Left(65)	1	40.494	/	Pass
			6685	RU484	Left(65)	1	40.490	/	Pass
			6845	RU484	Left(65)	1	40.594	/	Pass
	802.11be (EHT80)	MIMO	6625	RU996	Left(67)	1	81.530	/	Pass
			6705	RU996	Left(67)	1	81.618	/	Pass
			6785	RU996	Left(67)	1	80.787	/	Pass
	802.11be (EHT160)	MIMO	6665	2xRU996	Left(68)	1	164.412	/	Pass

2.1.7 OBW

ENV	Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	99% Occupied Bandwidth (MHz)		Verdict
							Result	Limit	

NTNV	802.11be (EHT20)	MIMO	6895	RU242	Left(61)	1	19.403	<=320	Pass
			6995	RU242	Left(61)	1	19.386	<=320	Pass
			7115	RU242	Left(61)	1	19.397	<=320	Pass
	802.11be (EHT40)	MIMO	6925	RU484	Left(65)	1	38.017	<=320	Pass
			7005	RU484	Left(65)	1	38.072	<=320	Pass
			7085	RU484	Left(65)	1	37.949	<=320	Pass
	802.11be (EHT80)	MIMO	6945	RU996	Left(67)	1	77.777	<=320	Pass
			7025	RU996	Left(67)	1	77.717	<=320	Pass
	802.11be (EHT160)	MIMO	6985	2xRU996	Left(68)	1	156.666	<=320	Pass

2.1.8 26dB BW

ENV	Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	26dB Bandwidth (MHz)		Verdict
							Result	Limit	
NTNV	802.11be (EHT20)	MIMO	6895	RU242	Left(61)	1	21.673	/	Pass
			6995	RU242	Left(61)	1	21.774	/	Pass
			7115	RU242	Left(61)	1	21.725	/	Pass
	802.11be (EHT40)	MIMO	6925	RU484	Left(65)	1	40.545	/	Pass
			7005	RU484	Left(65)	1	40.719	/	Pass
			7085	RU484	Left(65)	1	40.580	/	Pass
	802.11be (EHT80)	MIMO	6945	RU996	Left(67)	1	81.742	/	Pass
			7025	RU996	Left(67)	1	81.419	/	Pass
	802.11be (EHT160)	MIMO	6985	2xRU996	Left(68)	1	163.152	/	Pass

2.1.9 OBW

ENV	Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	99% Occupied Bandwidth (MHz)		Verdict
							Result	Limit	
NTNV	802.11be (EHT20)	MIMO	6875	RU242	Left(61)	1	19.456	<=320	Pass
	802.11be (EHT40)	MIMO	6885	RU484	Left(65)	1	38.065	<=320	Pass
	802.11be (EHT80)	MIMO	6865	RU996	Left(67)	1	77.727	<=320	Pass
	802.11be (EHT160)	MIMO	6825	2xRU996	Left(68)	1	156.804	<=320	Pass
	802.11be (EHT320)	MIMO	6745	4xRU996	Left(70)	1	314.552	<=320	Pass
			6905	4xRU996	Left(70)	1	314.063	<=320	Pass

2.1.10 26dB BW

ENV	Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	26dB Bandwidth (MHz)		Verdict
							Result	Limit	
NTNV	802.11be (EHT20)	MIMO	6875	RU242	Left(61)	1	21.810	/	Pass
	802.11be (EHT40)	MIMO	6885	RU484	Left(65)	1	40.545	/	Pass
	802.11be (EHT80)	MIMO	6865	RU996	Left(67)	1	81.532	/	Pass
	802.11be (EHT160)	MIMO	6825	2xRU996	Left(68)	1	163.860	/	Pass

	802.11be (EHT320)	MIMO	6745	4xRU996	Left(70)	1	328.602	/	Pass
			6905	4xRU996	Left(70)	1	327.495	/	Pass

2.1.11 OBW

ENV	Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	99% Occupied Bandwidth (MHz)		Verdict
							Result	Limit	
NTNV	802.11be (EHT40)	MIMO	6525	RU484	Left(65)	1	37.841	<=320	Pass
	802.11be (EHT80)	MIMO	6545	RU996	Left(67)	1	77.473	<=320	Pass
	802.11be (EHT160)	MIMO	6505	2xRU996	Left(68)	1	156.867	<=320	Pass
	802.11be (EHT320)	MIMO	6585	4xRU996	Left(70)	1	315.354	<=320	Pass

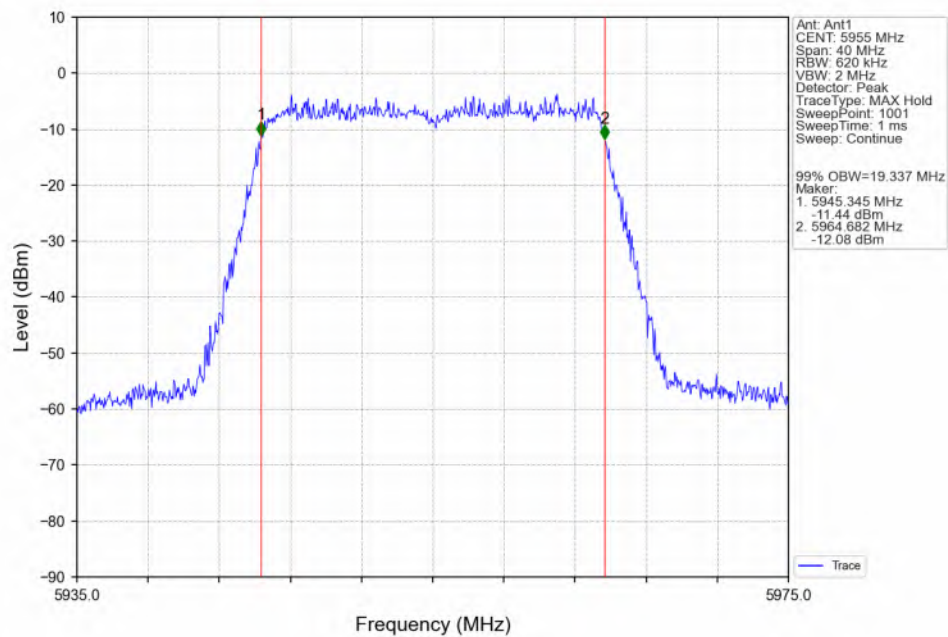
2.1.12 26dB BW

ENV	Mode	TX Type	Frequency (MHz)	RU	RU Pos	ANT	26dB Bandwidth (MHz)		Verdict
							Result	Limit	
NTNV	802.11be (EHT40)	MIMO	6525	RU484	Left(65)	1	40.156	/	Pass
	802.11be (EHT80)	MIMO	6545	RU996	Left(67)	1	81.009	/	Pass
	802.11be (EHT160)	MIMO	6505	2xRU996	Left(68)	1	162.876	/	Pass
	802.11be (EHT320)	MIMO	6585	4xRU996	Left(70)	1	329.207	/	Pass

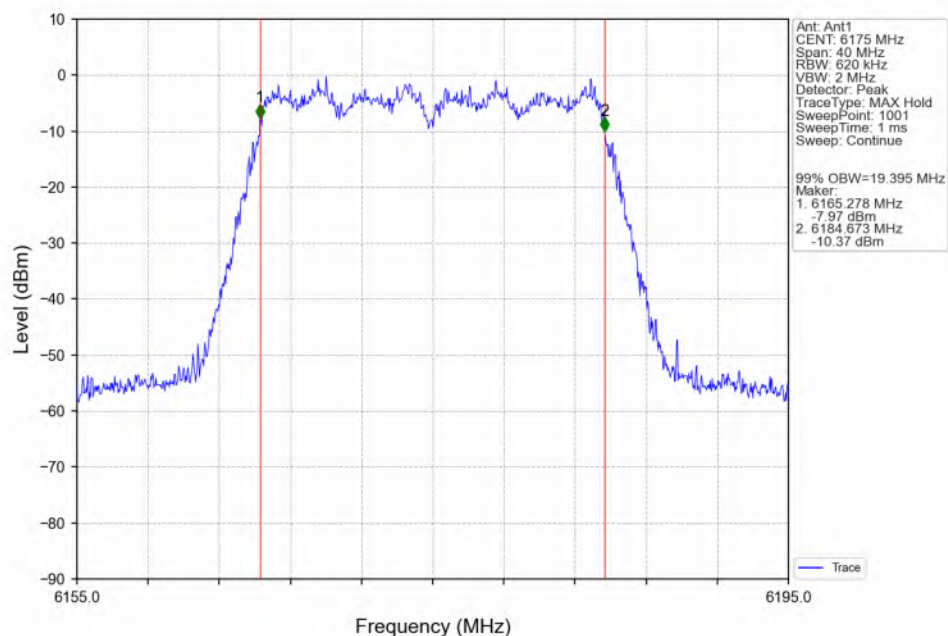
2.2 Test Graph

2.2.1 OBW

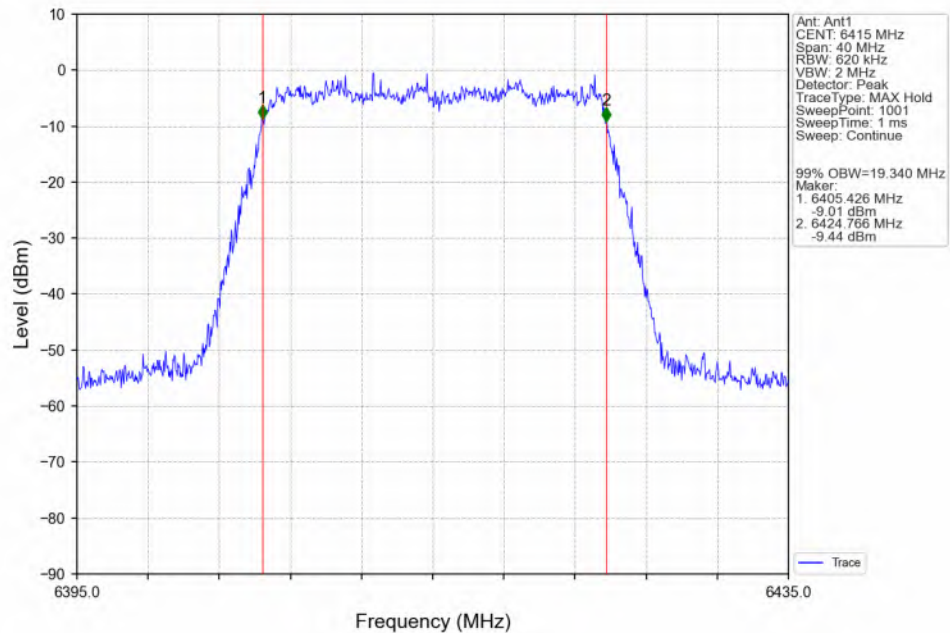
802.11be(EHT20)_LCH_5955MHz_RU242_Left(61)_Ant1_NTNV



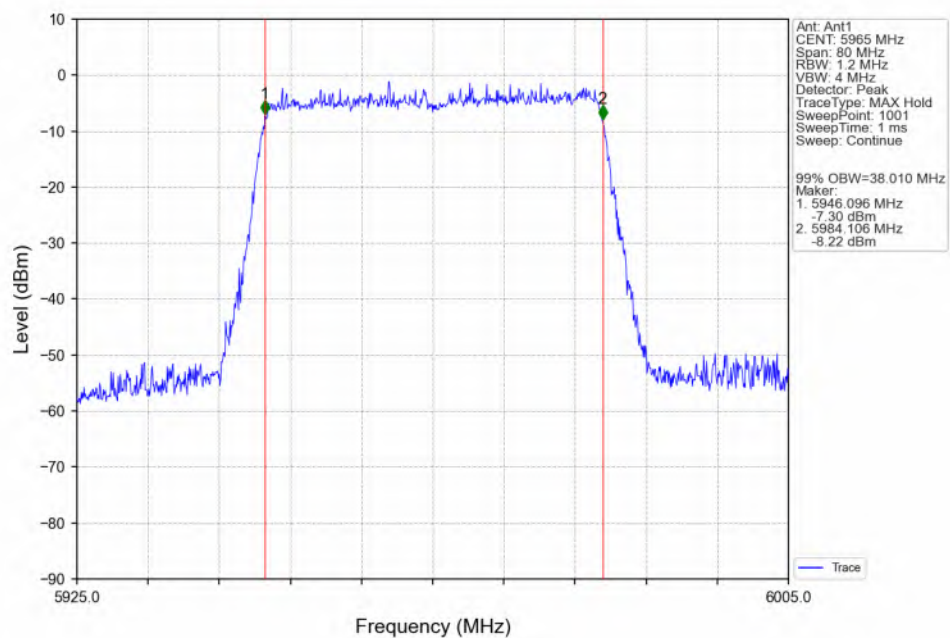
802.11be(EHT20)_MCH_6175MHz_RU242_Left(61)_Ant1_NTNV



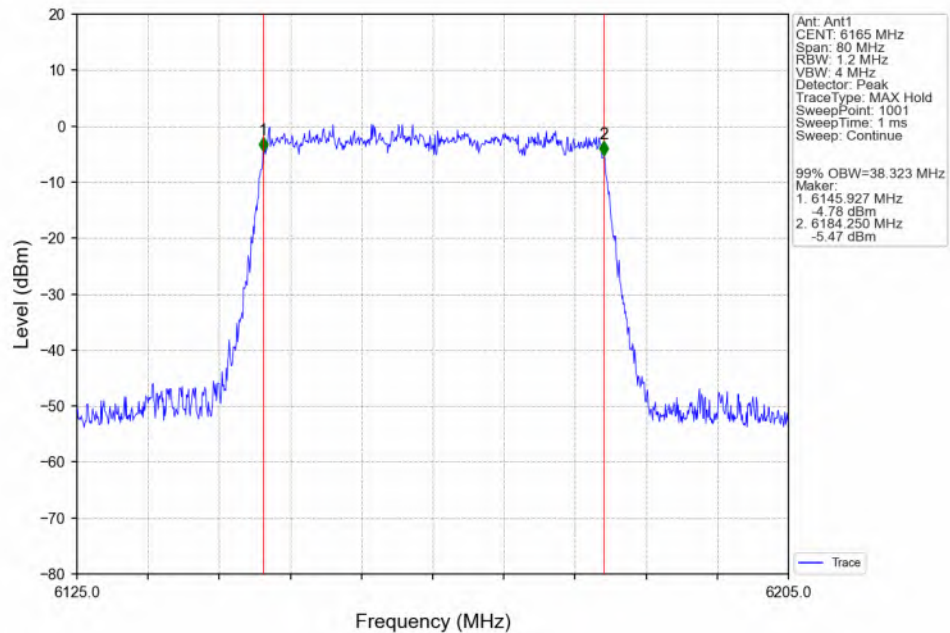
802.11be(EHT20)_HCH_6415MHz_RU242_Left(61)_Ant1_NTNV



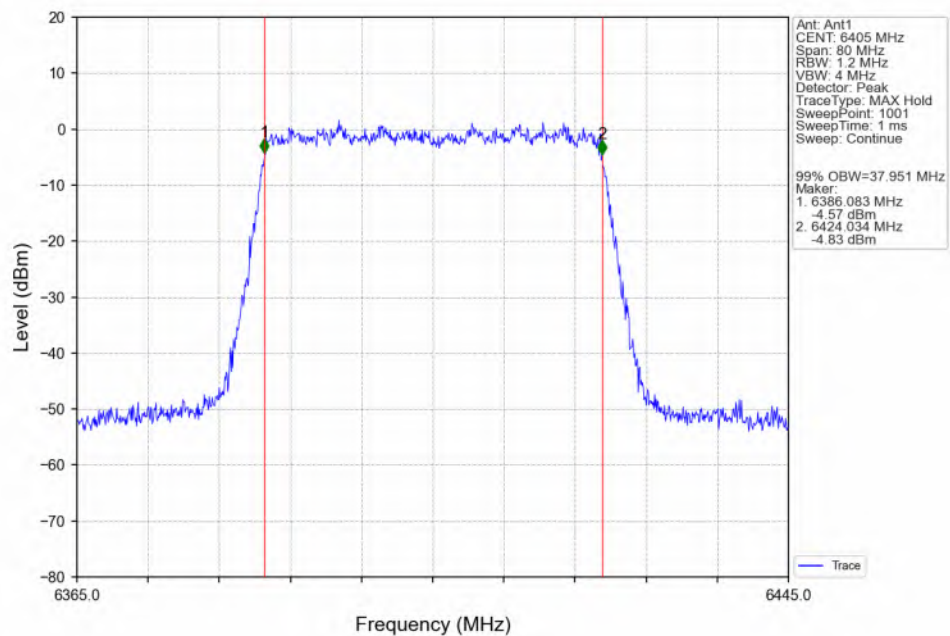
802.11be(EHT40)_LCH_5965MHz_RU484_Left(65)_Ant1_NTNV



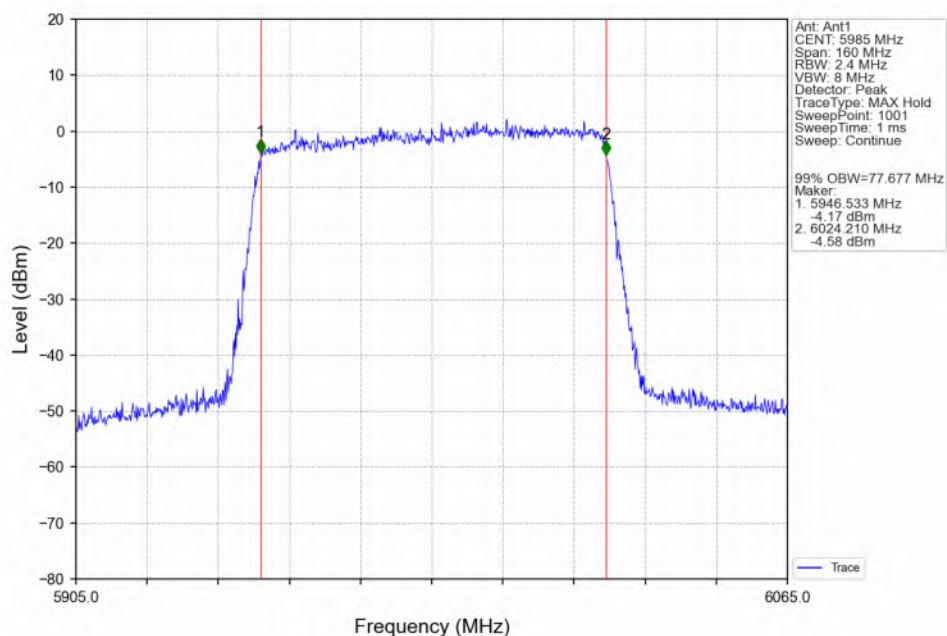
802.11be(EHT40)_MCH_6165MHz_RU484_Left(65)_Ant1_NTNV



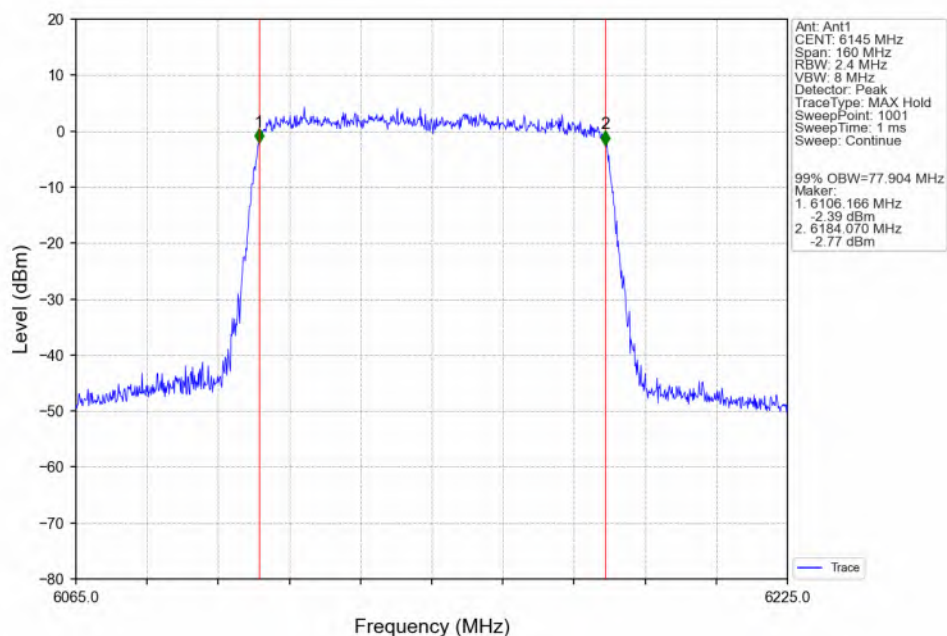
802.11be(EHT40)_HCH_6405MHz_RU484_Left(65)_Ant1_NTNV



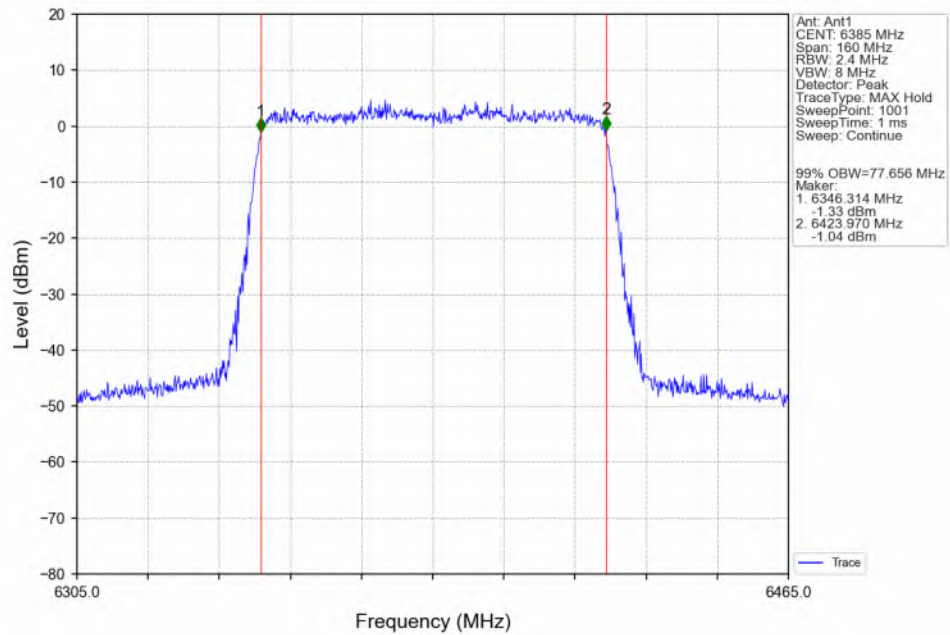
802.11be(EHT80) LCH_5985MHz_RU996_Left(67)_Ant1_NTNV



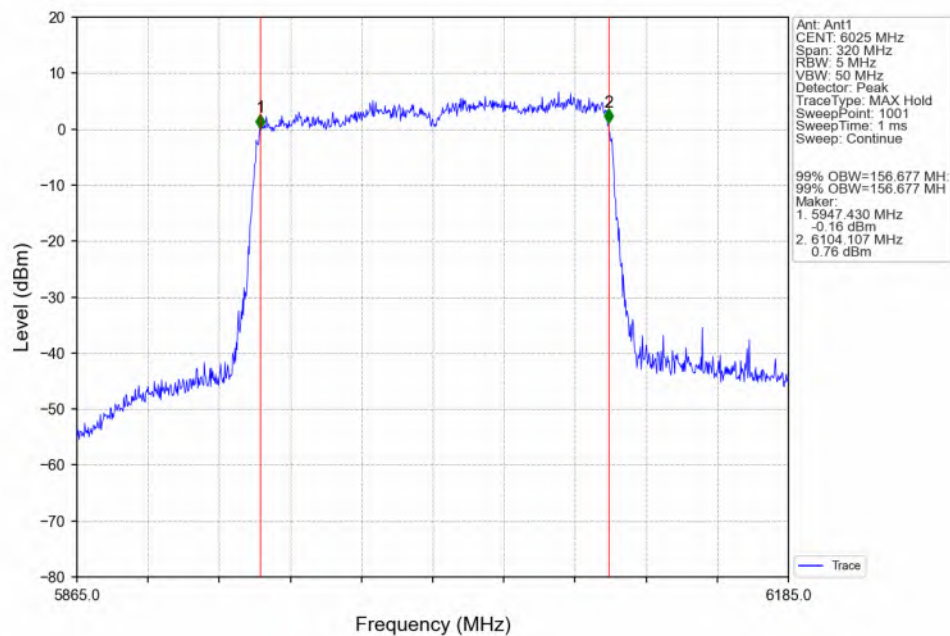
802.11be(EHT80) MCH_6145MHz_RU996_Left(67)_Ant1_NTNV



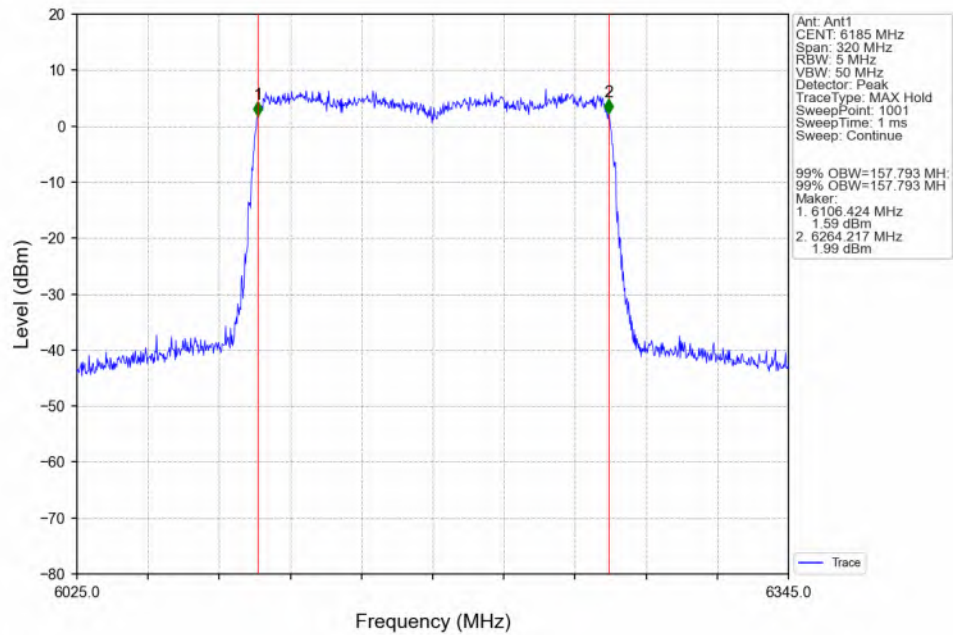
802.11be(EHT80)_HCH_6385MHz_RU996_Left(67)_Ant1_NTNV



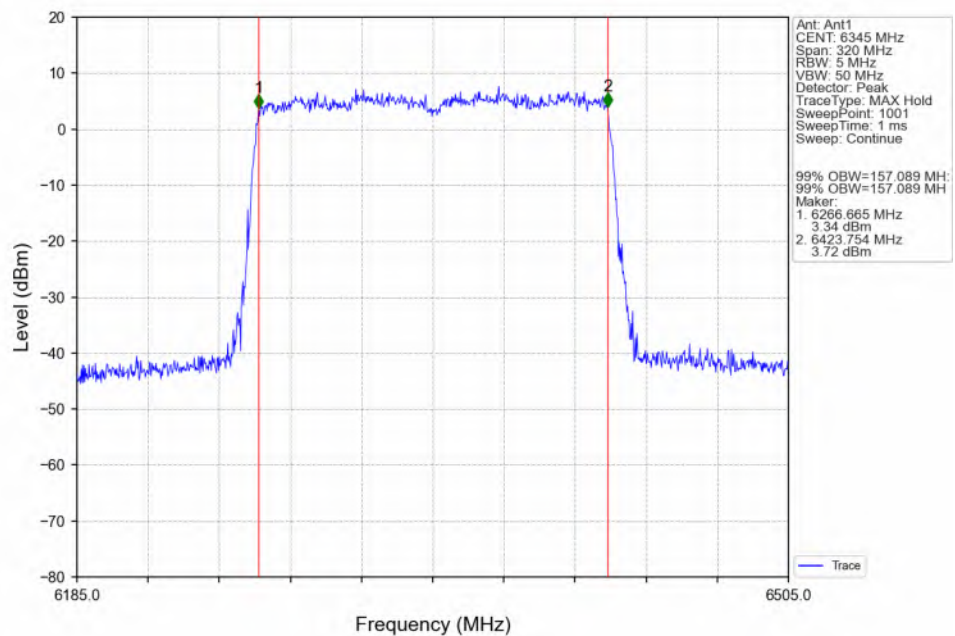
802.11be(EHT160)_LCH_6025MHz_2xRU996_Left(68)_Ant1_NTNV



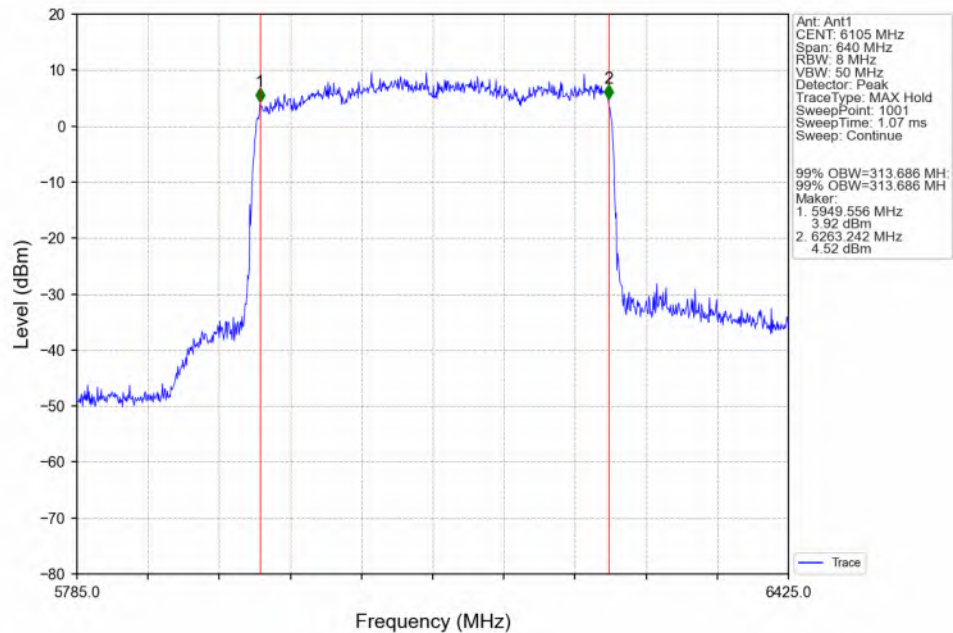
802.11be(EHT160)_MCH_6185MHz_2xRU996_Left(68)_Ant1_NTNV



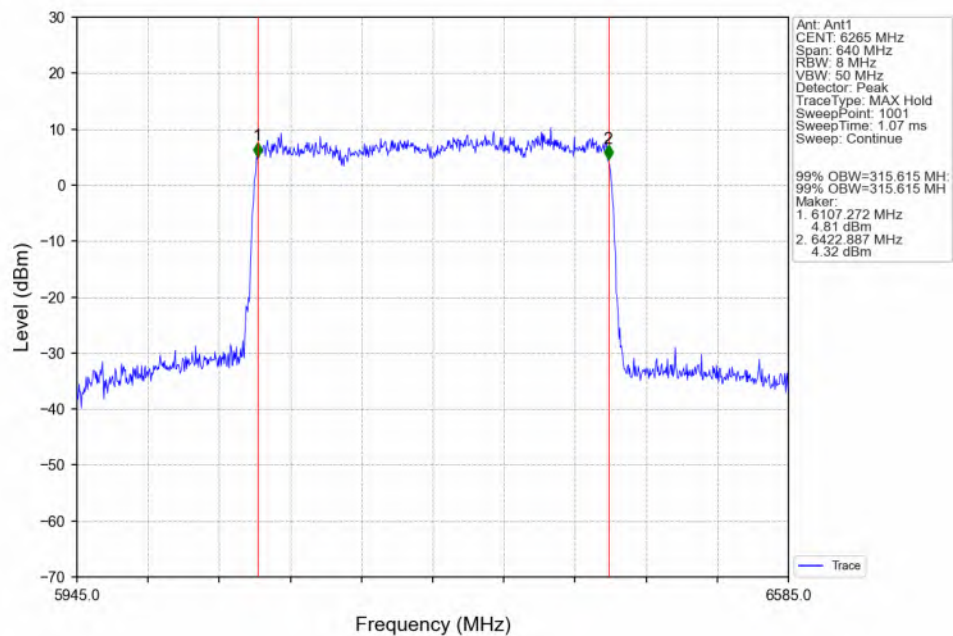
802.11be(EHT160)_HCH_6345MHz_2xRU996_Left(68)_Ant1_NTNV



802.11be(EHT320)_LCH_6105MHz_4xRU996_Left(70)_Ant1_NTNV

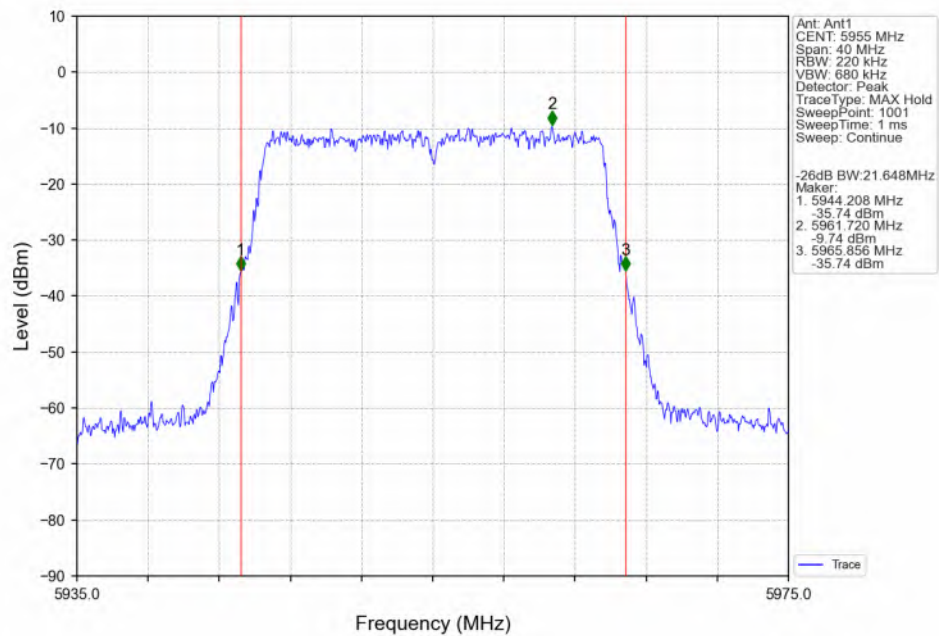


802.11be(EHT320)_HCH_6265MHz_4xRU996_Left(70)_Ant1_NTNV

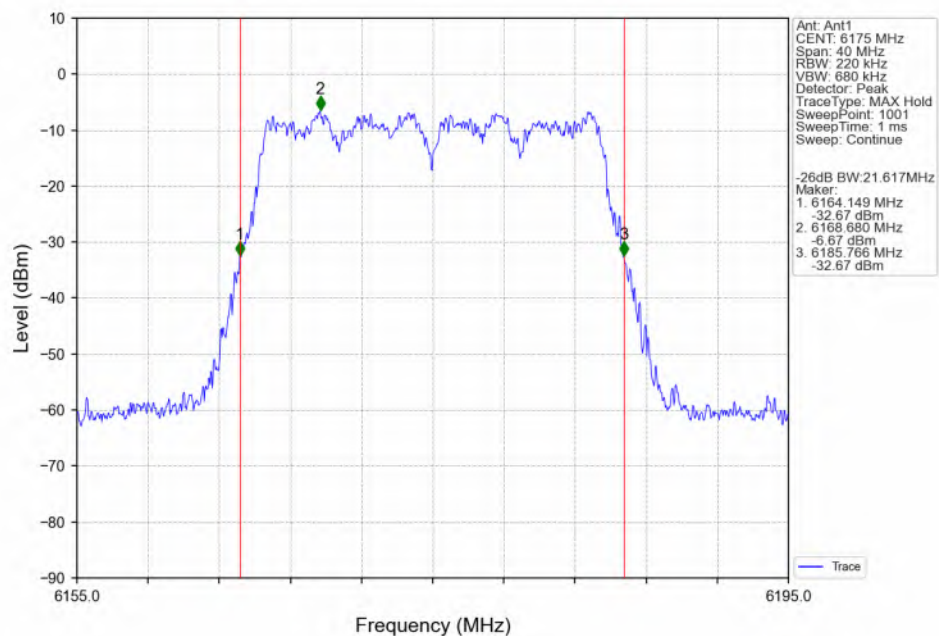


2.2.2 26dB BW

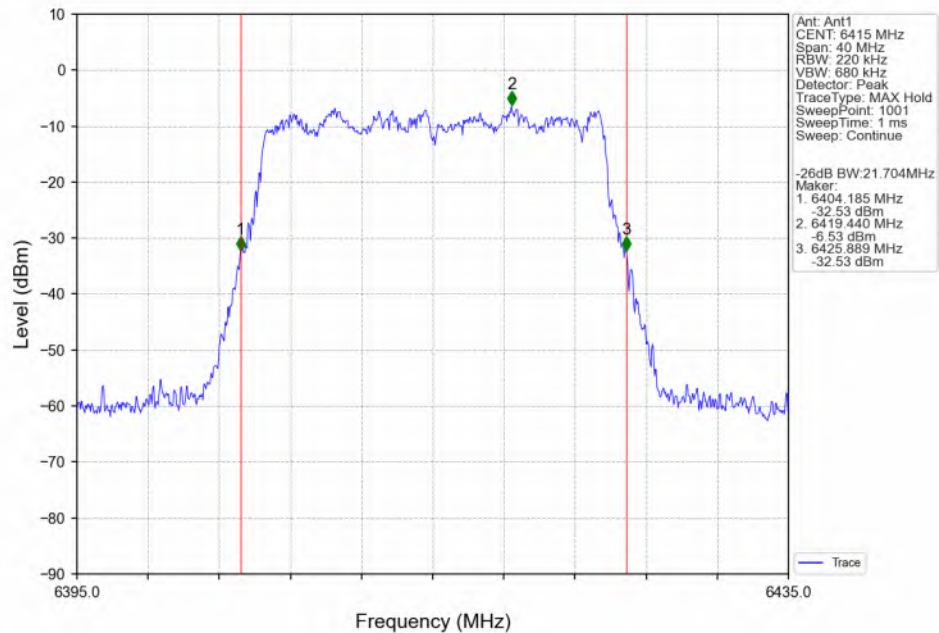
802.11be(EHT20)_LCH_5955MHz_RU242_Left(61)_Ant1_NTNV



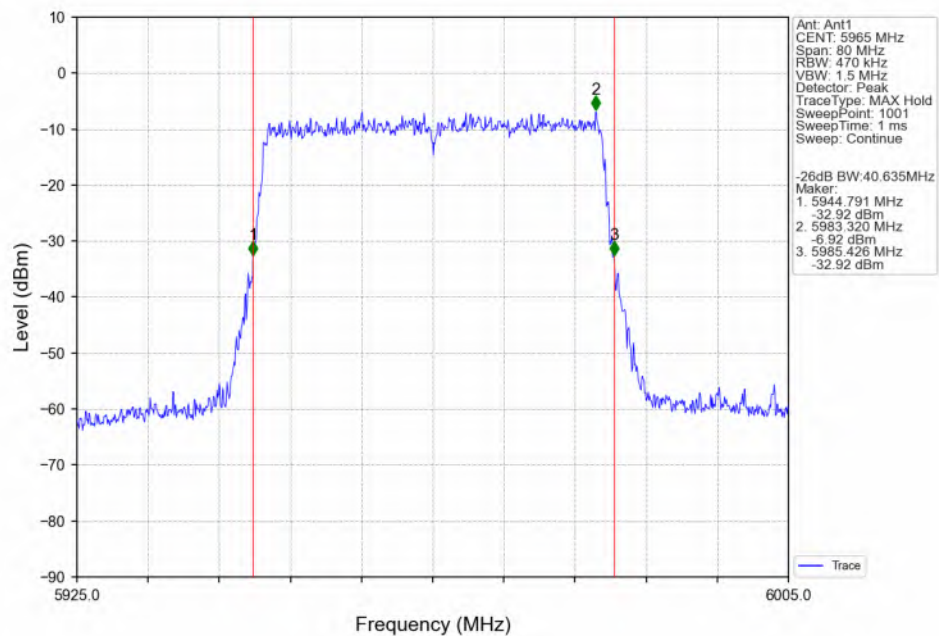
802.11be(EHT20)_MCH_6175MHz_RU242_Left(61)_Ant1_NTNV



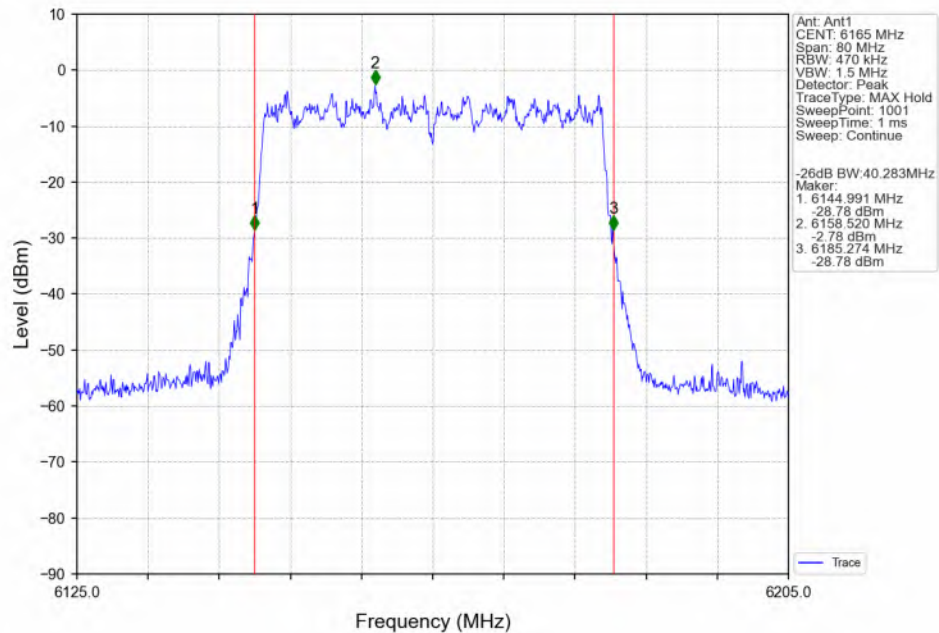
802.11be(EHT20)_HCH_6415MHz_RU242_Left(61)_Ant1_NTNV



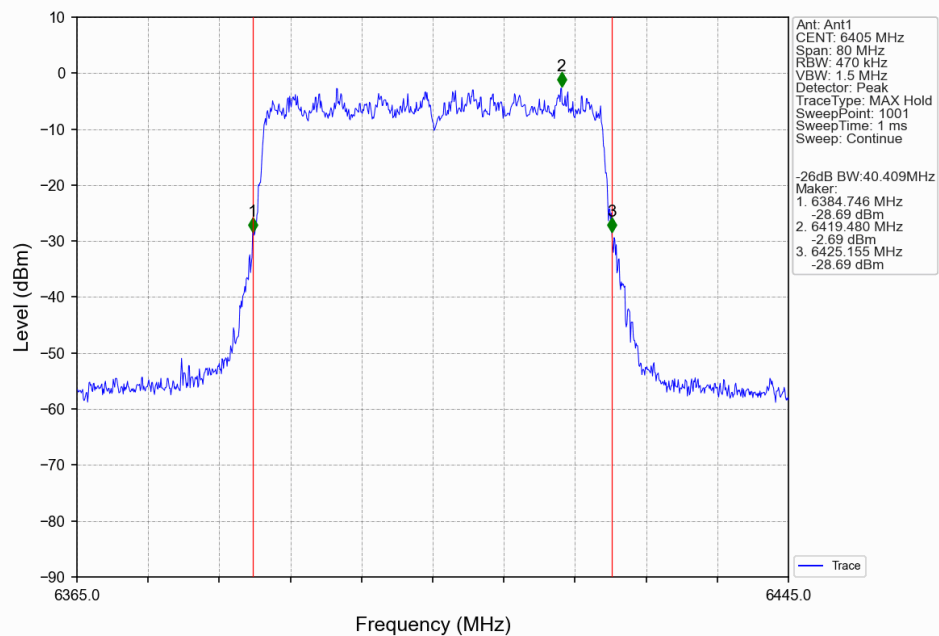
802.11be(EHT40)_LCH_5965MHz_RU484_Left(65)_Ant1_NTNV



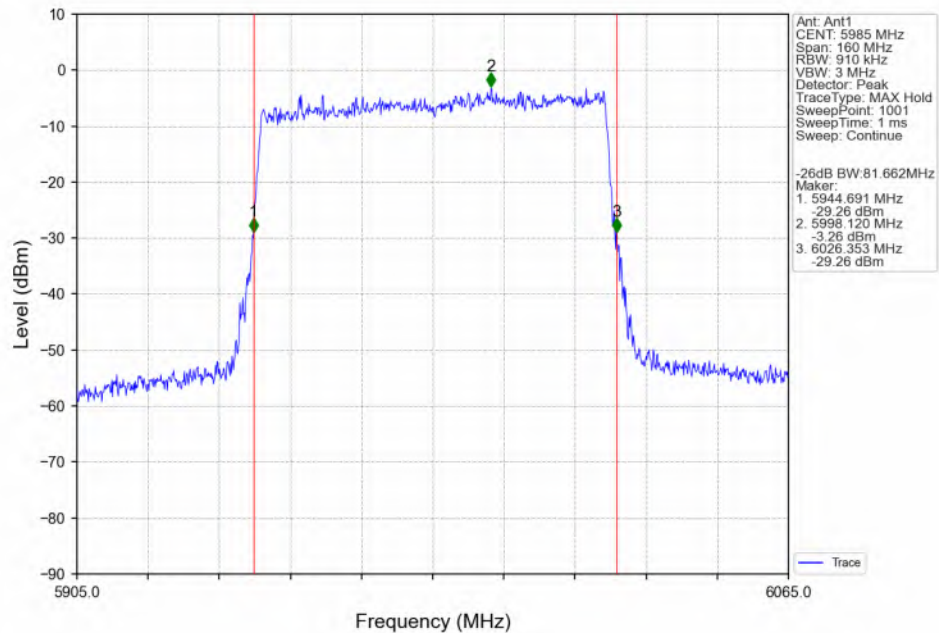
802.11be(EHT40)_MCH_6165MHz_RU484_Left(65)_Ant1_NTNV



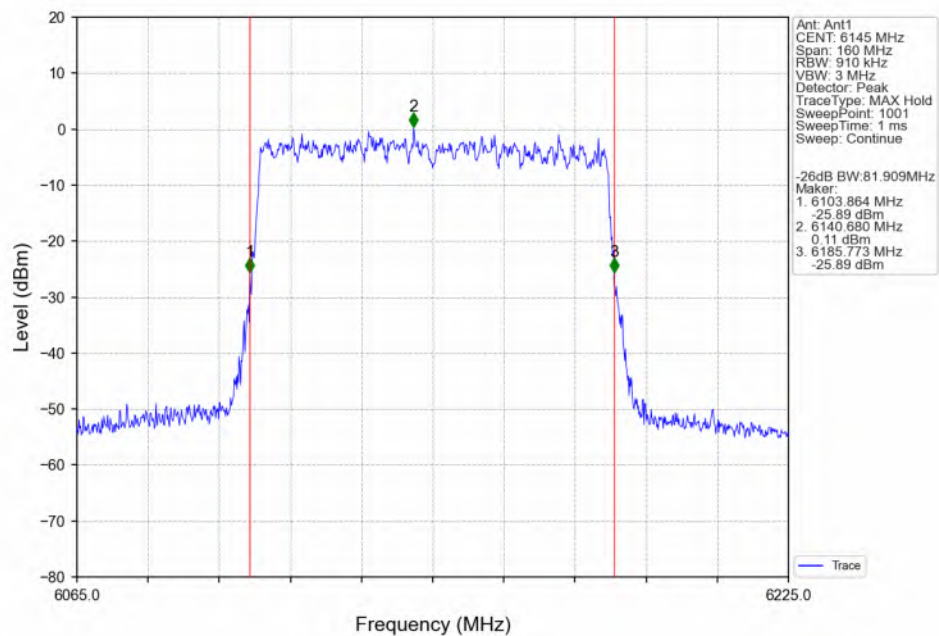
802.11be(EHT40)_HCH_6405MHz_RU484_Left(65)_Ant1_NTNV



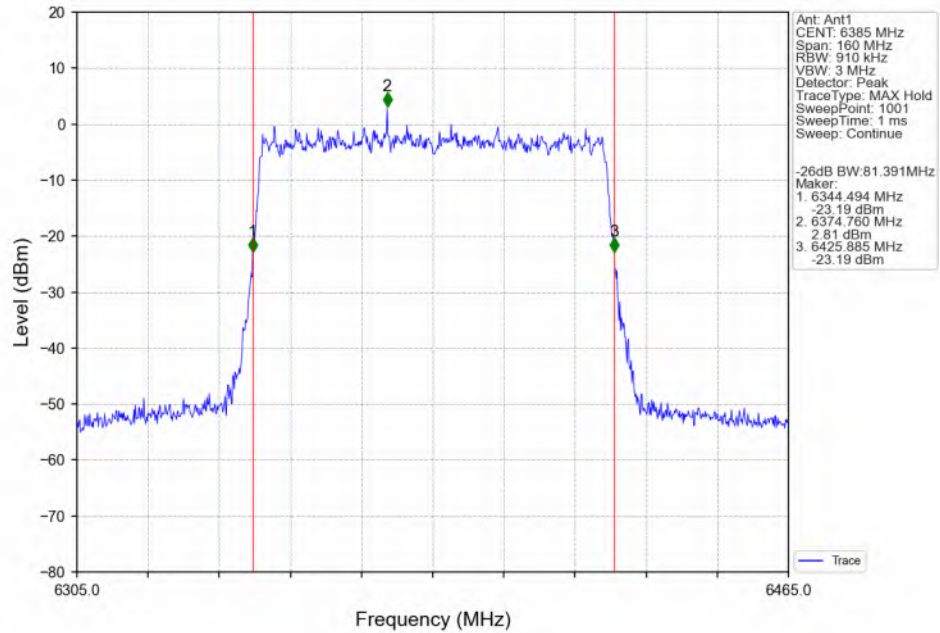
802.11be(EHT80) LCH_5985MHz_RU996_Left(67)_Ant1_NTNV



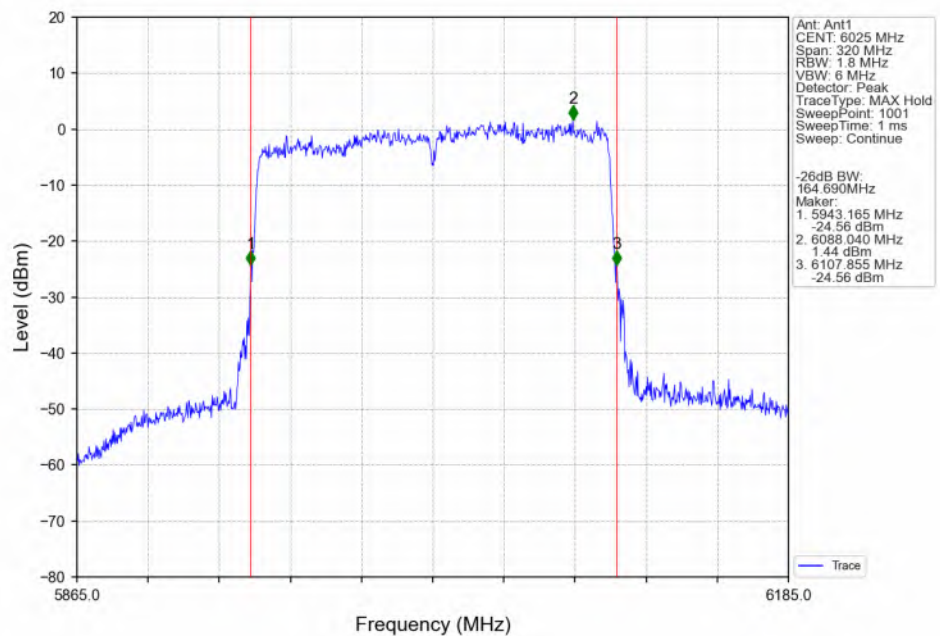
802.11be(EHT80) MCH_6145MHz_RU996_Left(67)_Ant1_NTNV



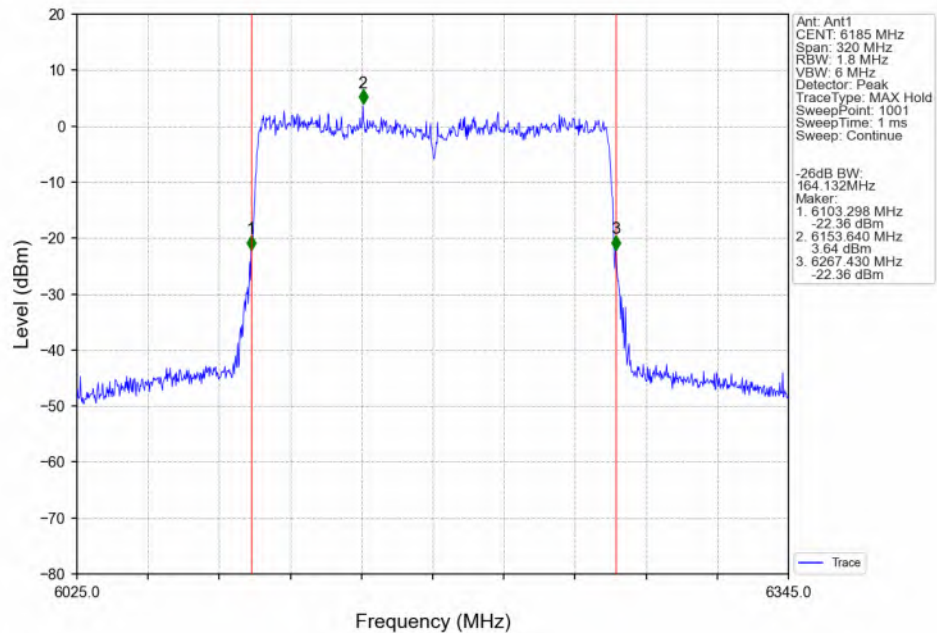
802.11be(EHT80)_HCH_6385MHz_RU996_Left(67)_Ant1_NTNV



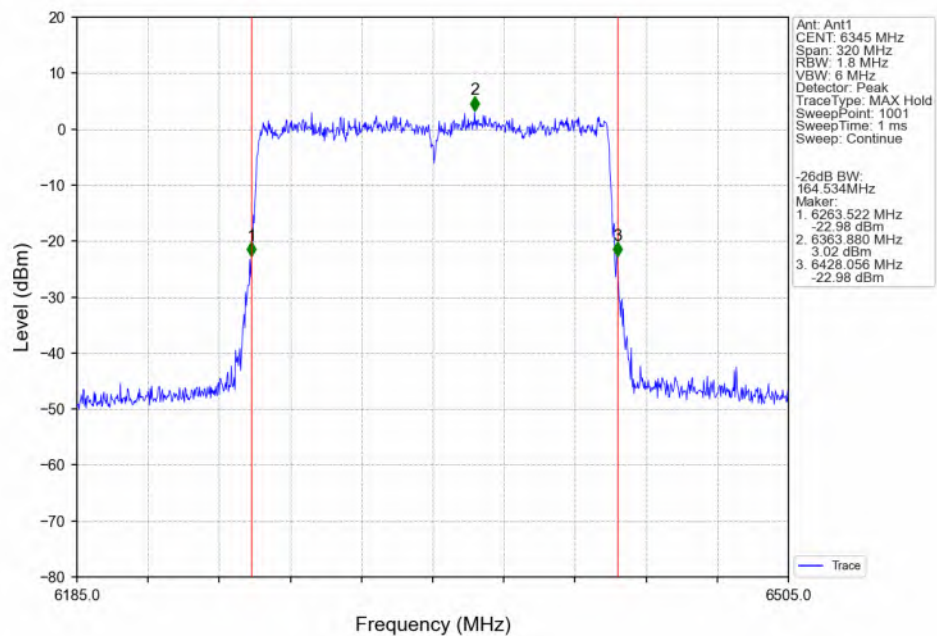
802.11be(EHT160)_LCH_6025MHz_2xRU996_Left(68)_Ant1_NTNV



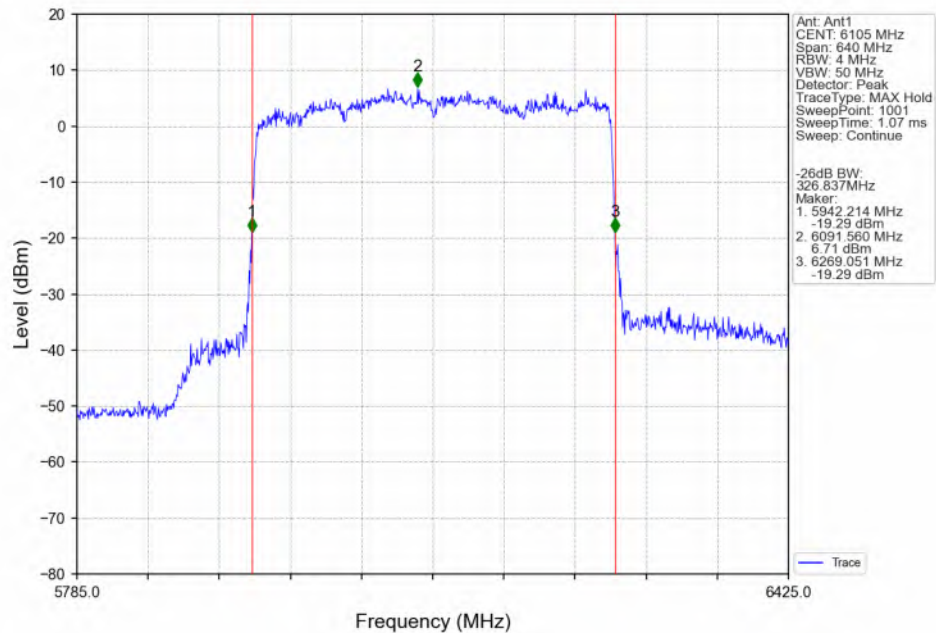
802.11be(EHT160)_MCH_6185MHz_2xRU996_Left(68)_Ant1_NTNV



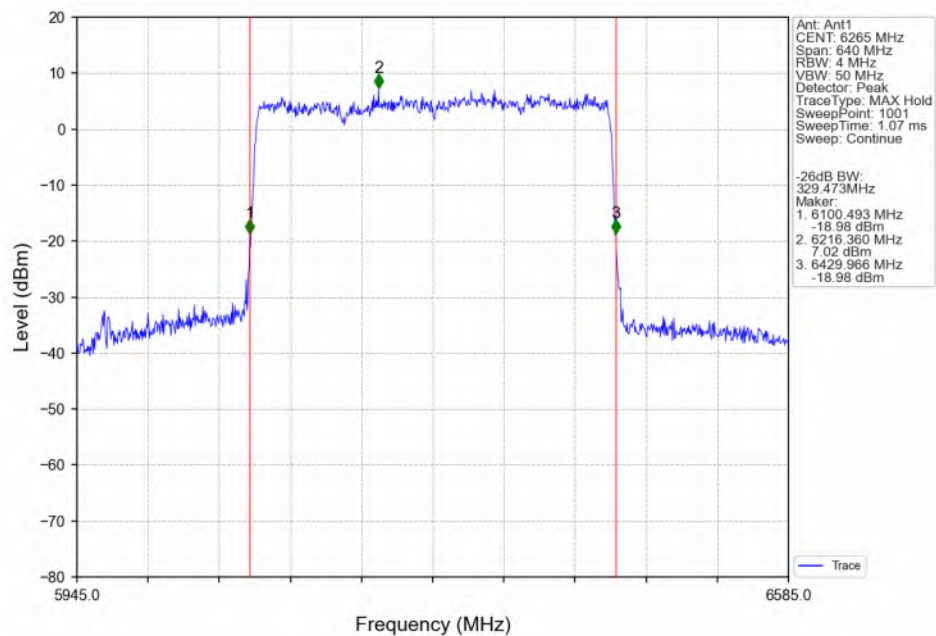
802.11be(EHT160)_HCH_6345MHz_2xRU996_Left(68)_Ant1_NTNV



802.11be(EHT320)_LCH_6105MHz_4xRU996_Left(70)_Ant1_NTNV

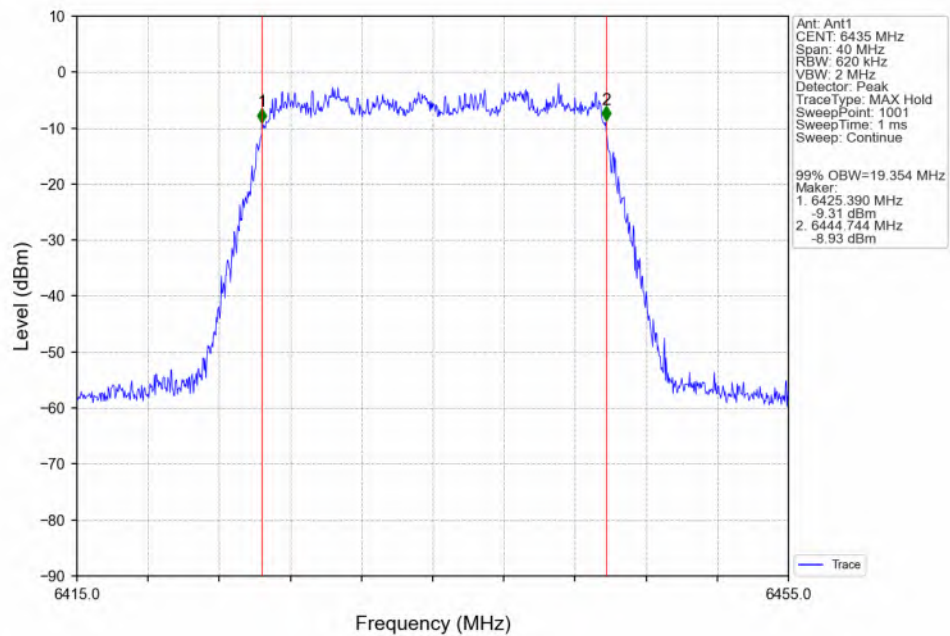


802.11be(EHT320)_HCH_6265MHz_4xRU996_Left(70)_Ant1_NTNV

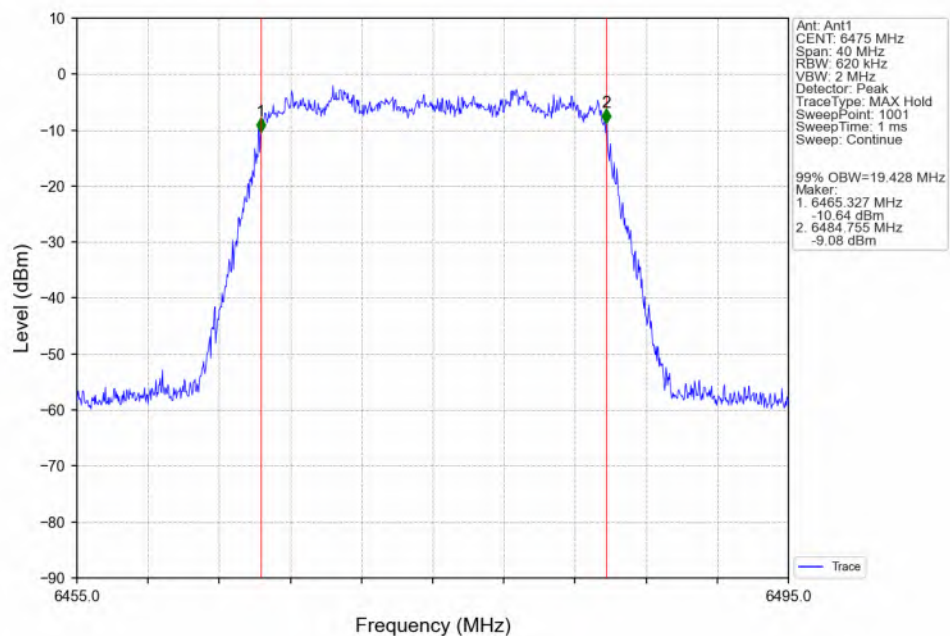


2.2.3 OBW

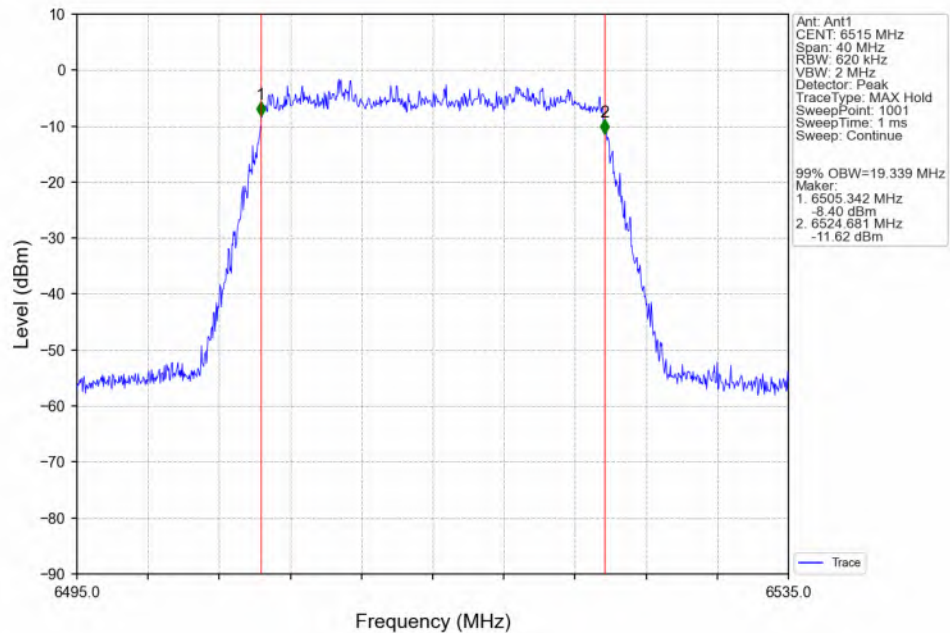
802.11be(EHT20)_LCH_6435MHz_RU242_Left(61)_Ant1_NTNV



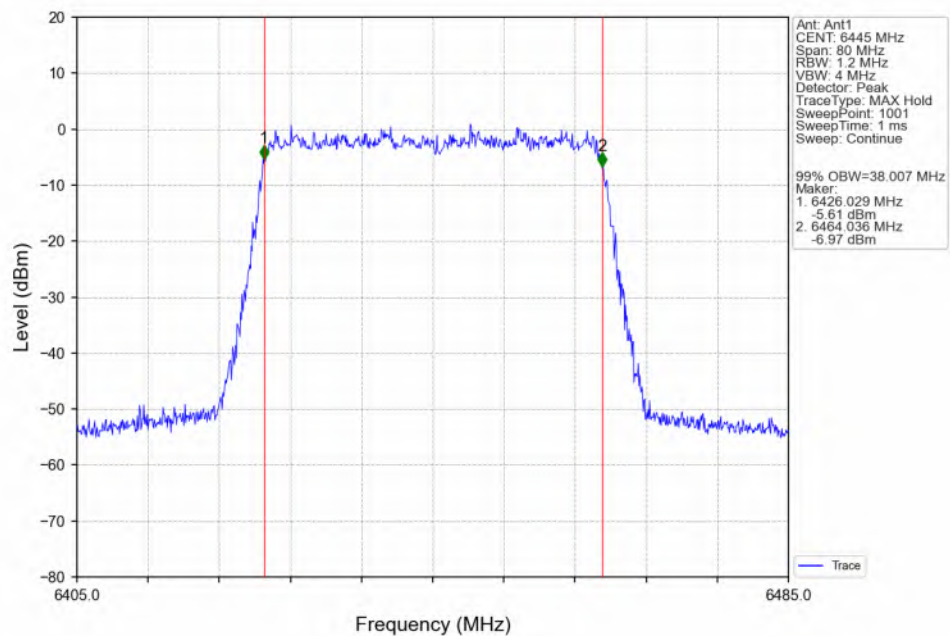
802.11be(EHT20)_MCH_6475MHz_RU242_Left(61)_Ant1_NTNV



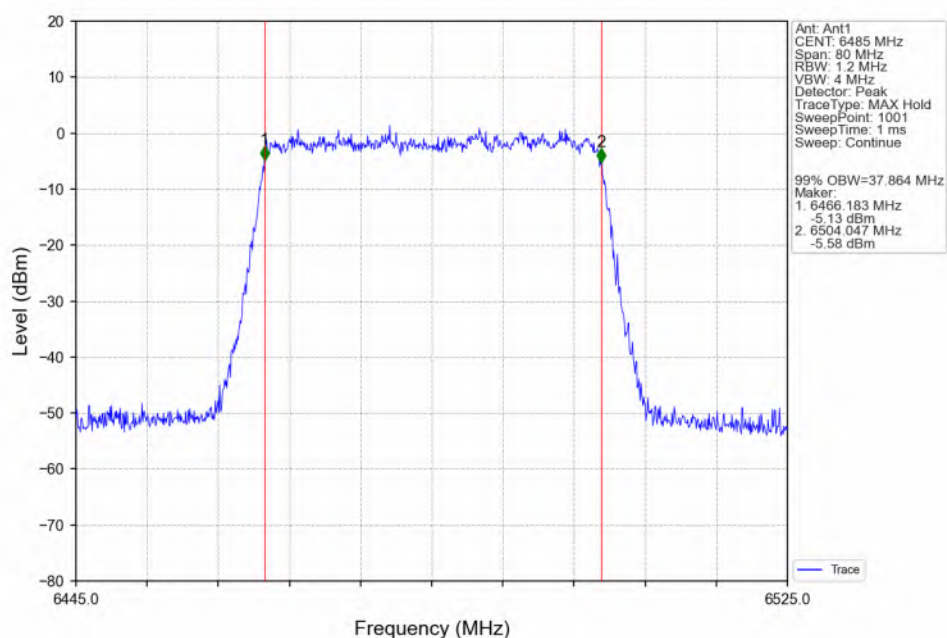
802.11be(EHT20)_HCH_6515MHz_RU242_Left(61)_Ant1_NTNV



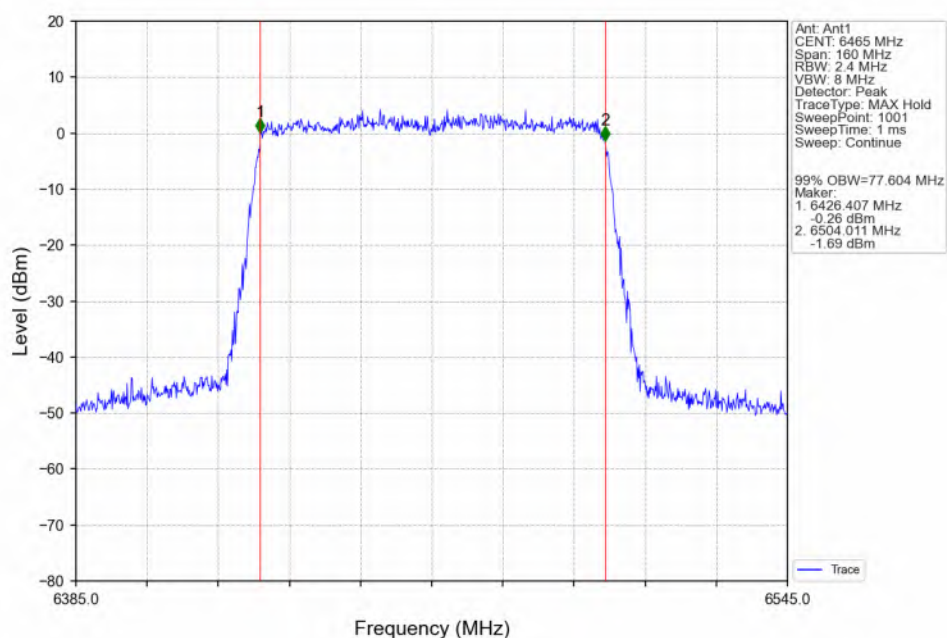
802.11be(EHT40)_LCH_6445MHz_RU484_Left(65)_Ant1_NTNV



802.11be(EHT40)_MCH_6485MHz_RU484_Left(65)_Ant1_NTNV

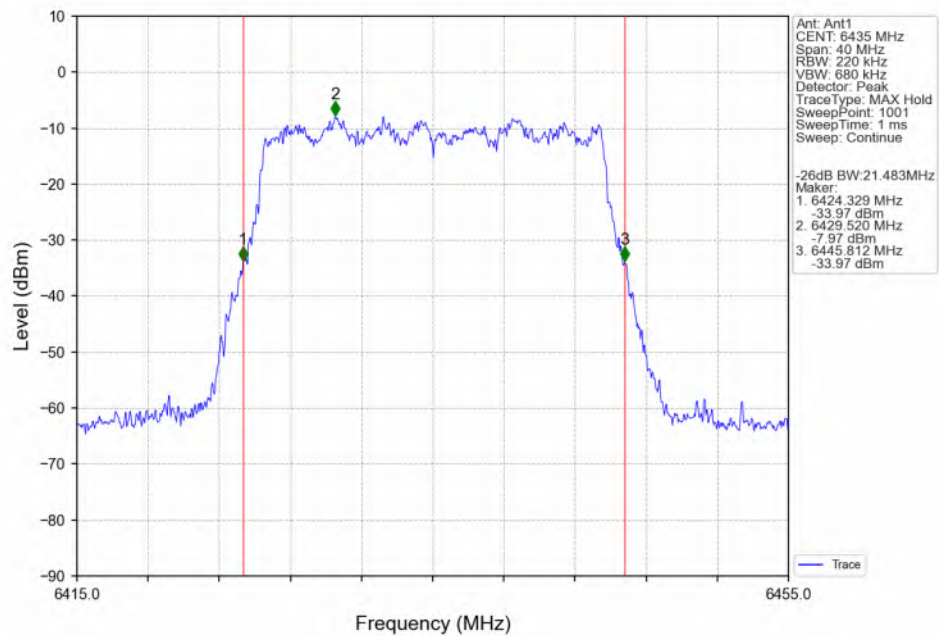


802.11be(EHT80)_LCH_6465MHz_RU996_Left(67)_Ant1_NTNV

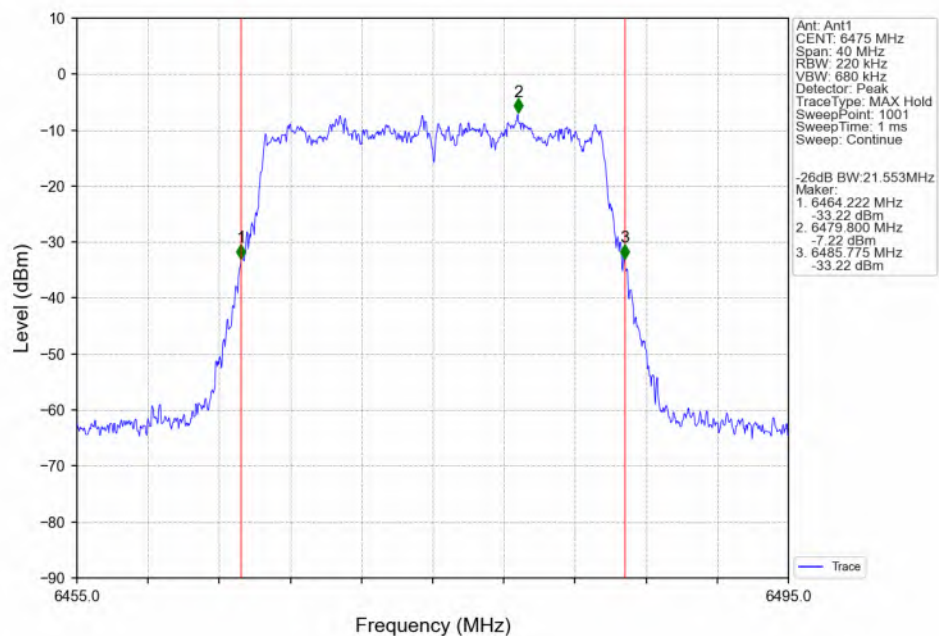


2.2.4 26dB BW

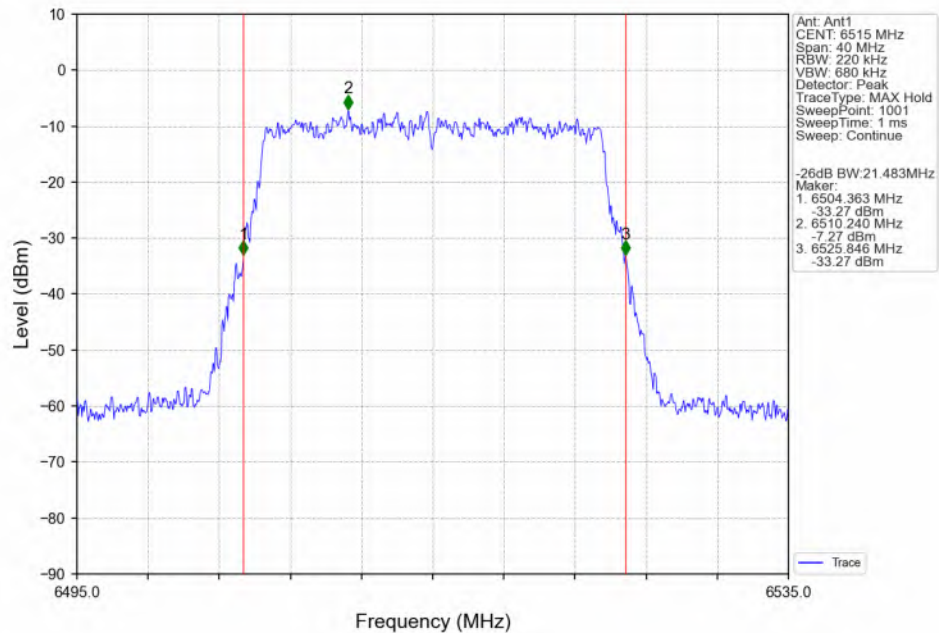
802.11be(EHT20)_LCH_6435MHz_RU242_Left(61)_Ant1_NTNV



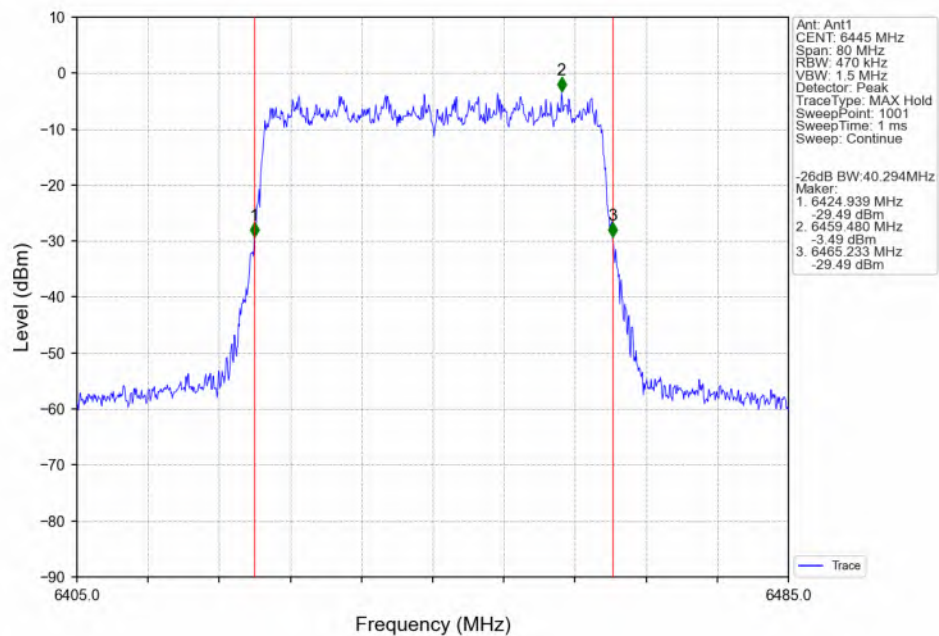
802.11be(EHT20)_MCH_6475MHz_RU242_Left(61)_Ant1_NTNV



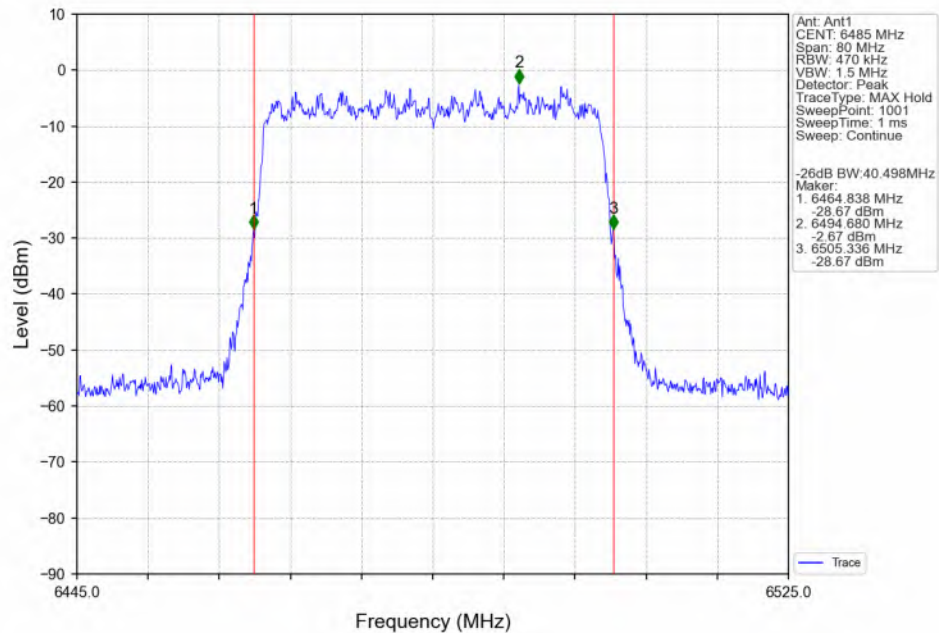
802.11be(EHT20)_HCH_6515MHz_RU242_Left(61)_Ant1_NTNV



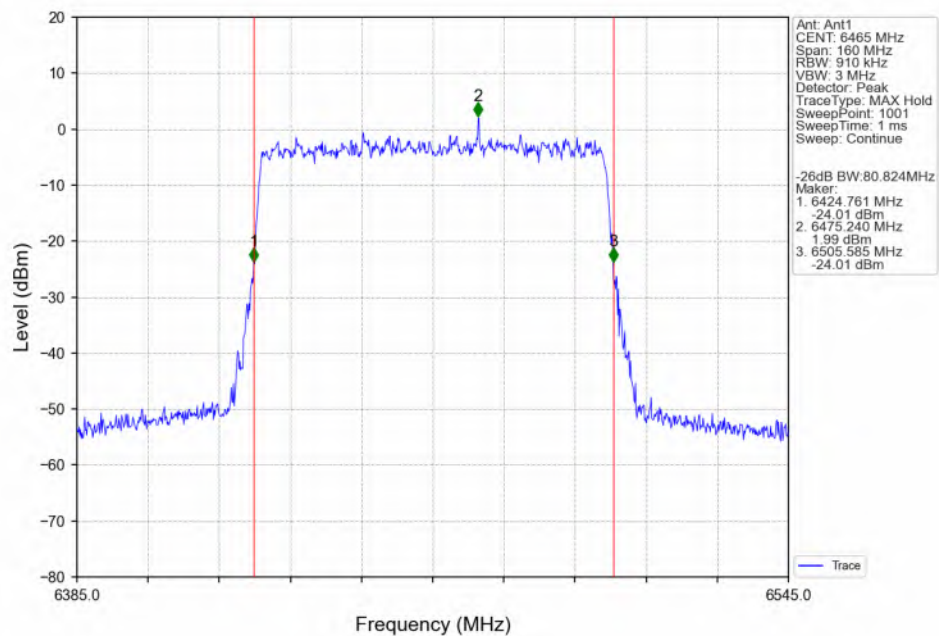
802.11be(EHT40)_LCH_6445MHz_RU484_Left(65)_Ant1_NTNV



802.11be(EHT40)_MCH_6485MHz_RU484_Left(65)_Ant1_NTNV

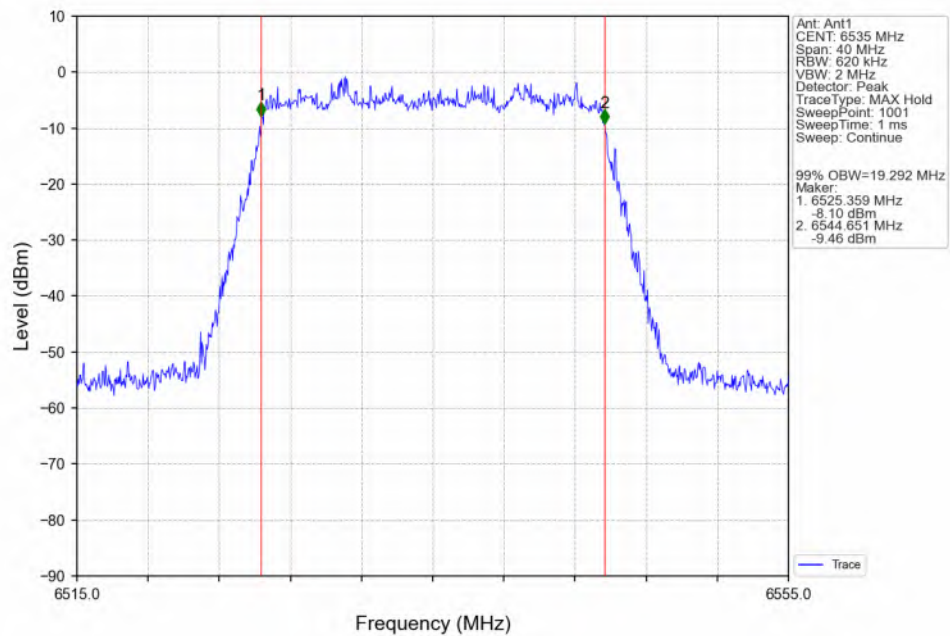


802.11be(EHT80)_LCH_6465MHz_RU996_Left(67)_Ant1_NTNV

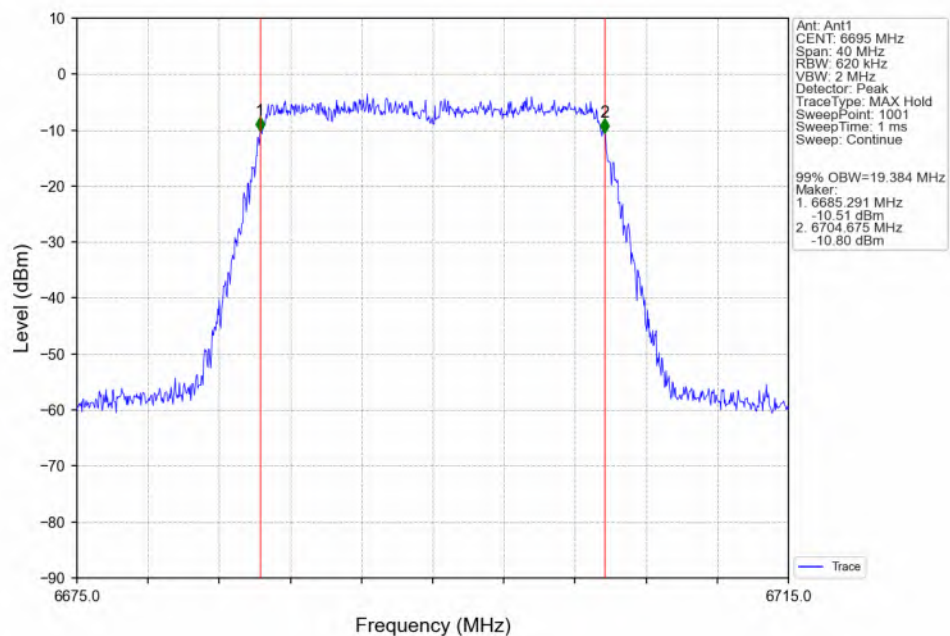


2.2.5 OBW

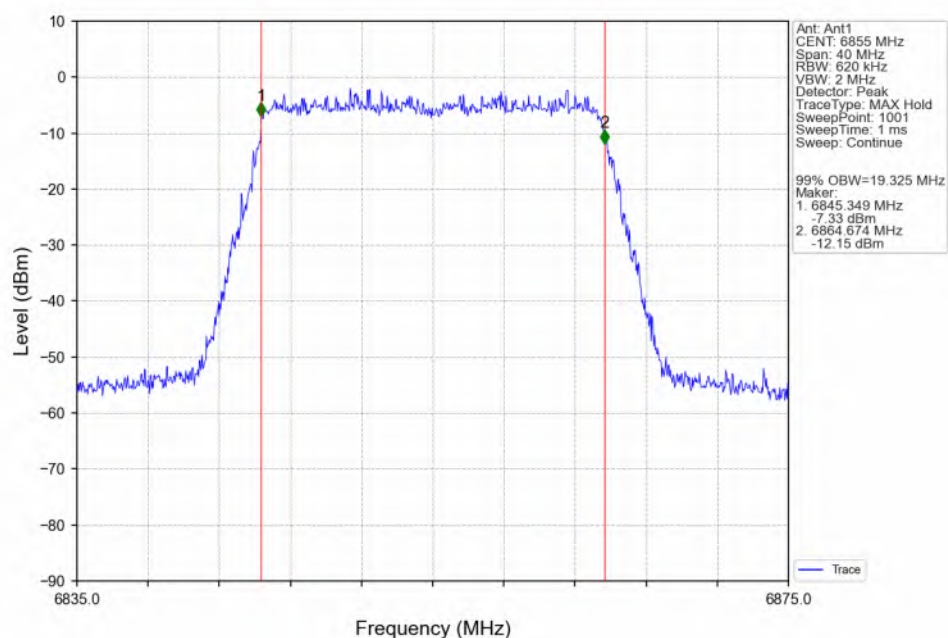
802.11be(EHT20)_LCH_6535MHz_RU242_Left(61)_Ant1_NTNV



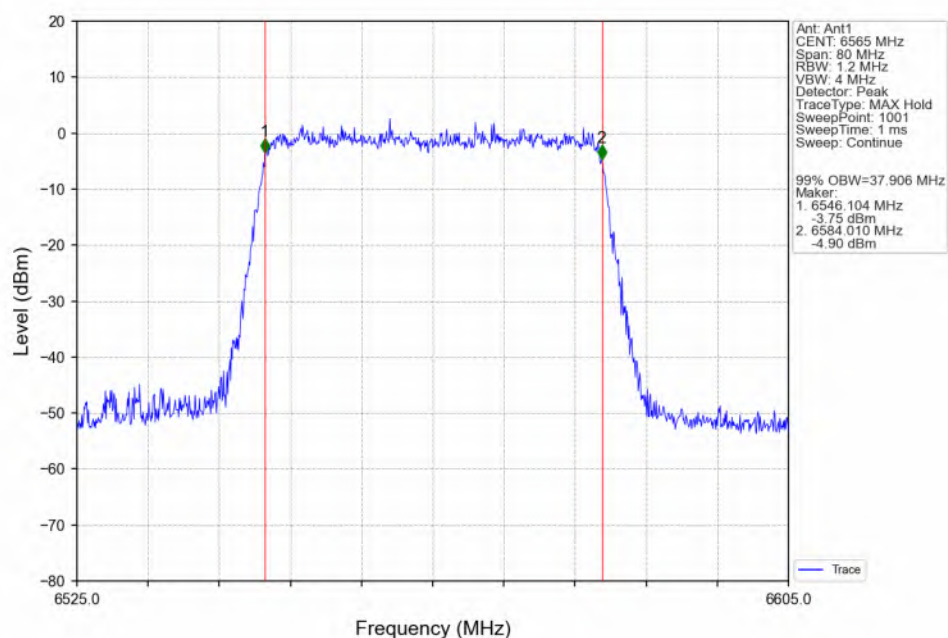
802.11be(EHT20)_MCH_6695MHz_RU242_Left(61)_Ant1_NTNV



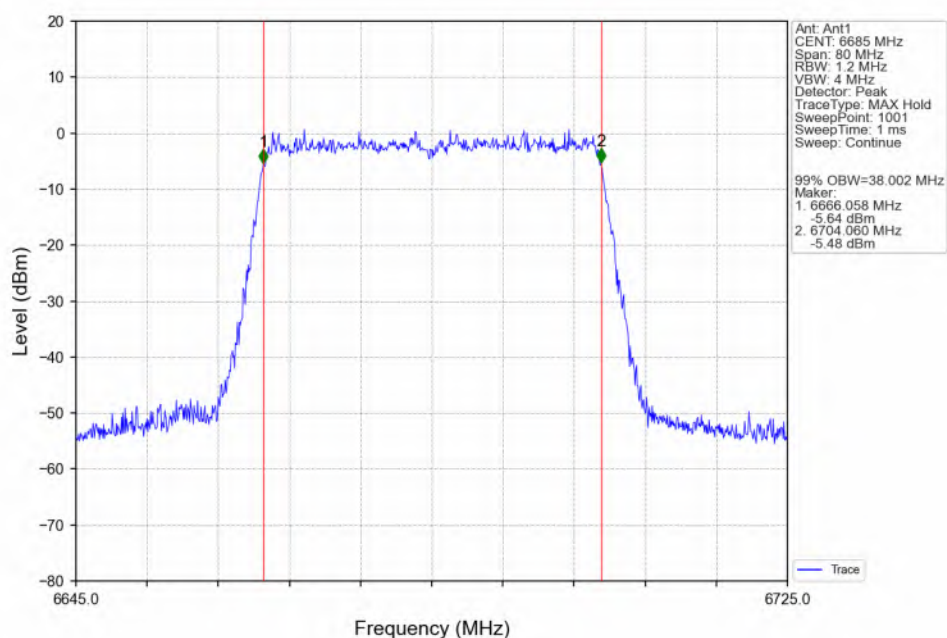
802.11be(EHT20)_HCH_6855MHz_RU242_Left(61)_Ant1_NTNV



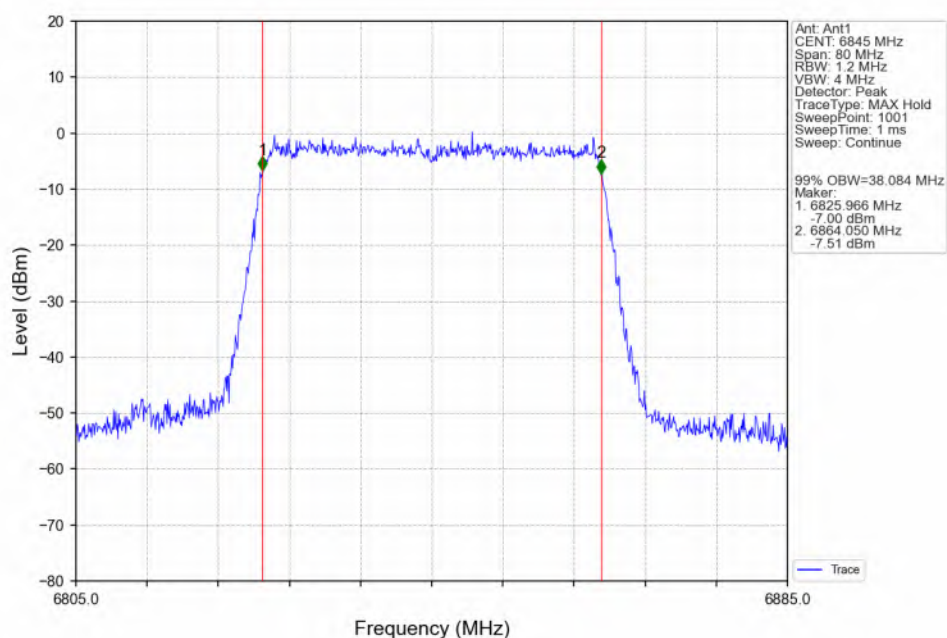
802.11be(EHT40)_LCH_6565MHz_RU484_Left(65)_Ant1_NTNV



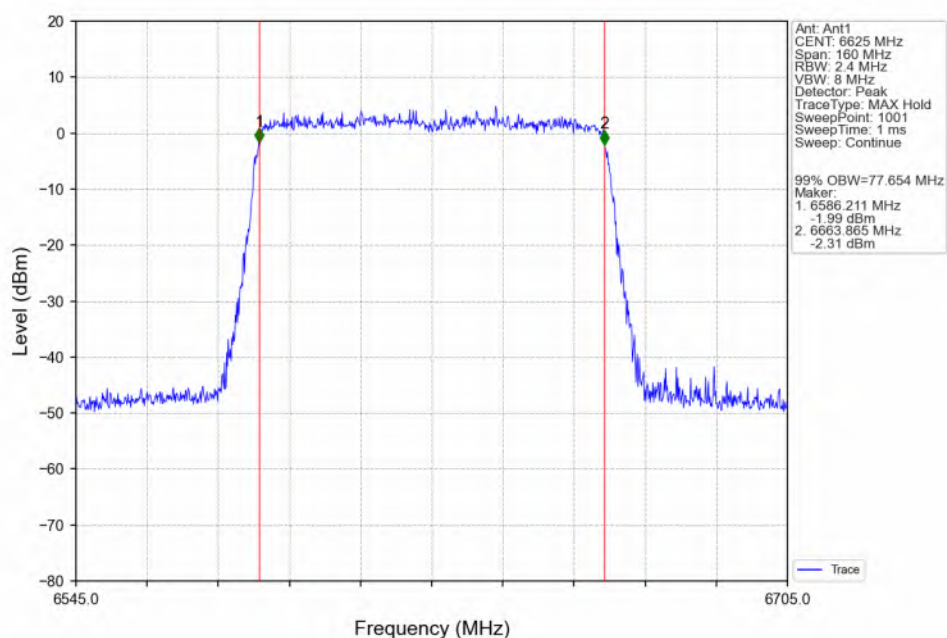
802.11be(EHT40)_MCH_6685MHz_RU484_Left(65)_Ant1_NTNV



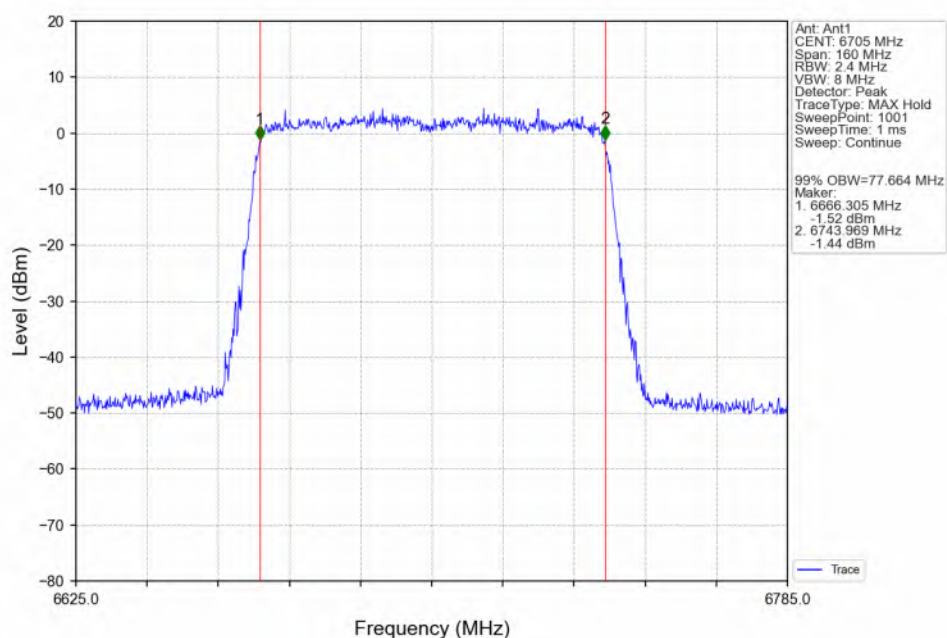
802.11be(EHT40)_HCH_6845MHz_RU484_Left(65)_Ant1_NTNV



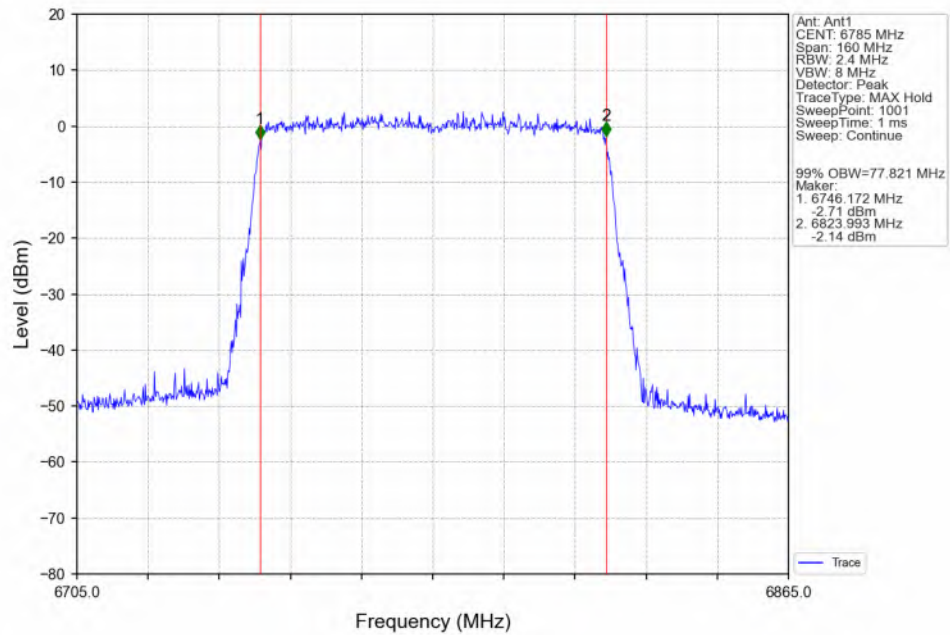
802.11be(EHT80) LCH_6625MHz_RU996_Left(67)_Ant1_NTNV



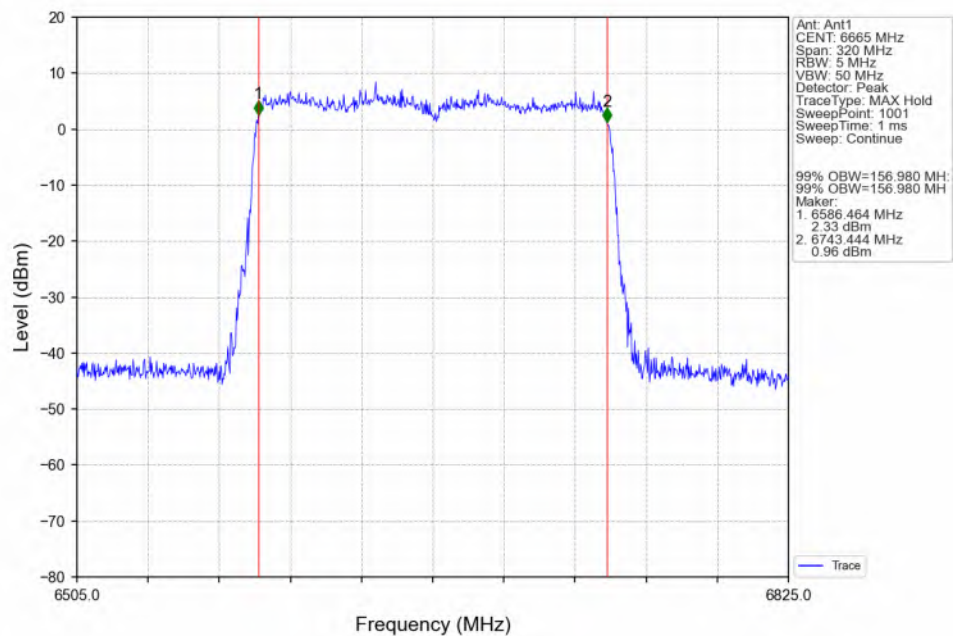
802.11be(EHT80) MCH_6705MHz_RU996_Left(67)_Ant1_NTNV



802.11be(EHT80)_HCH_6785MHz_RU996_Left(67)_Ant1_NTNV

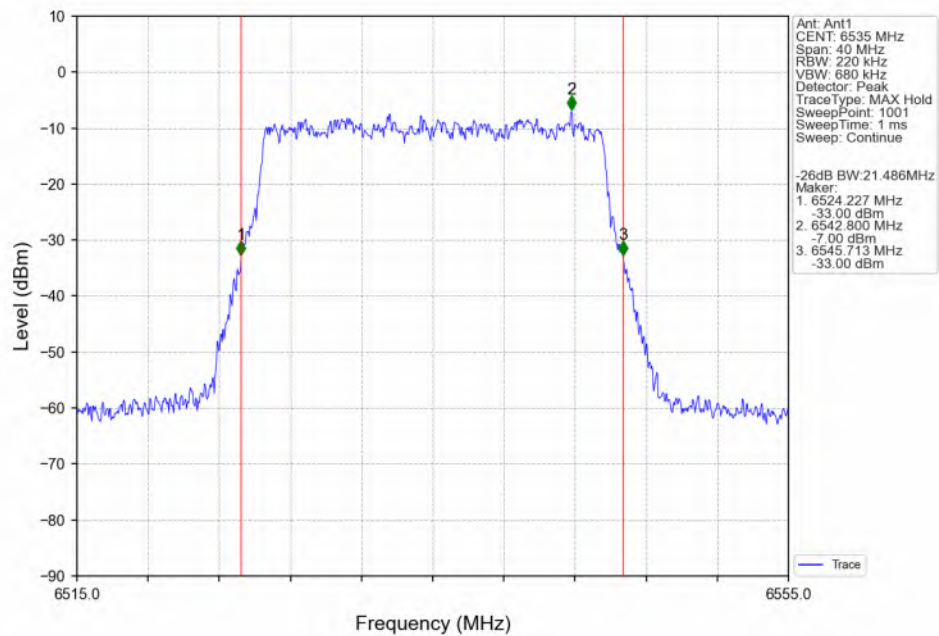


802.11be(EHT160)_MCH_6665MHz_2xRU996_Left(68)_Ant1_NTNV

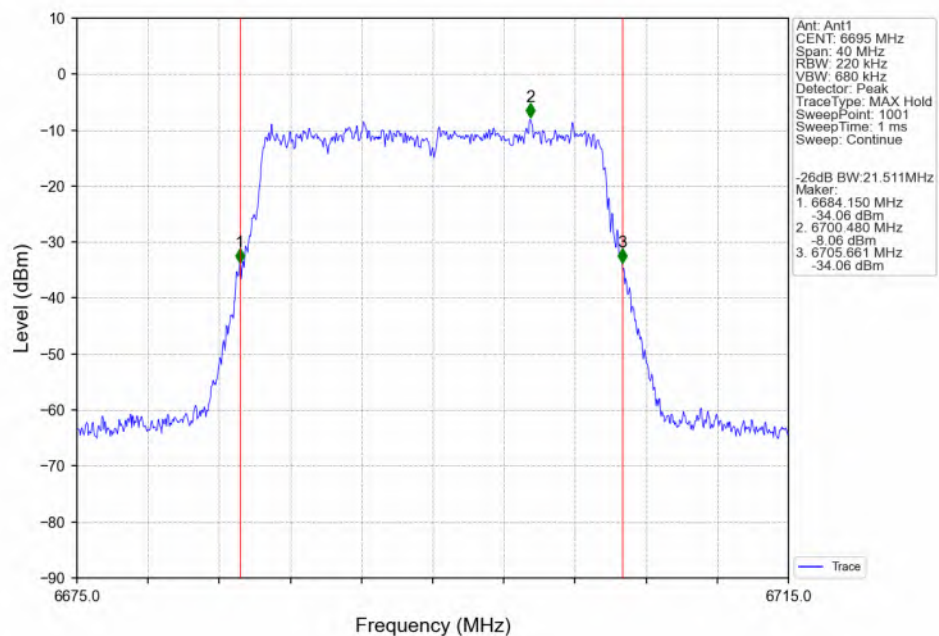


2.2.6 26dB BW

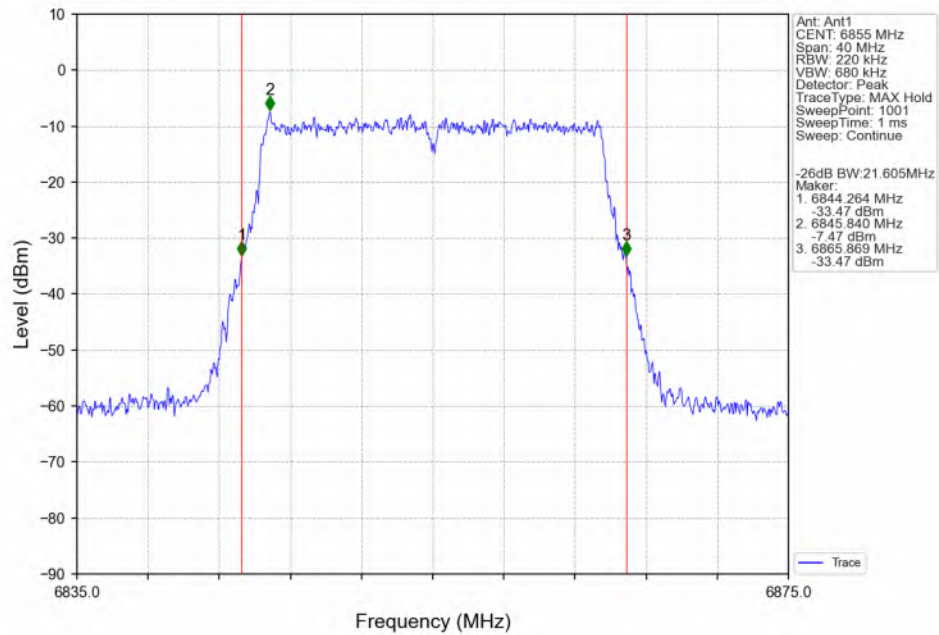
802.11be(EHT20)_LCH_6535MHz_RU242_Left(61)_Ant1_NTNV



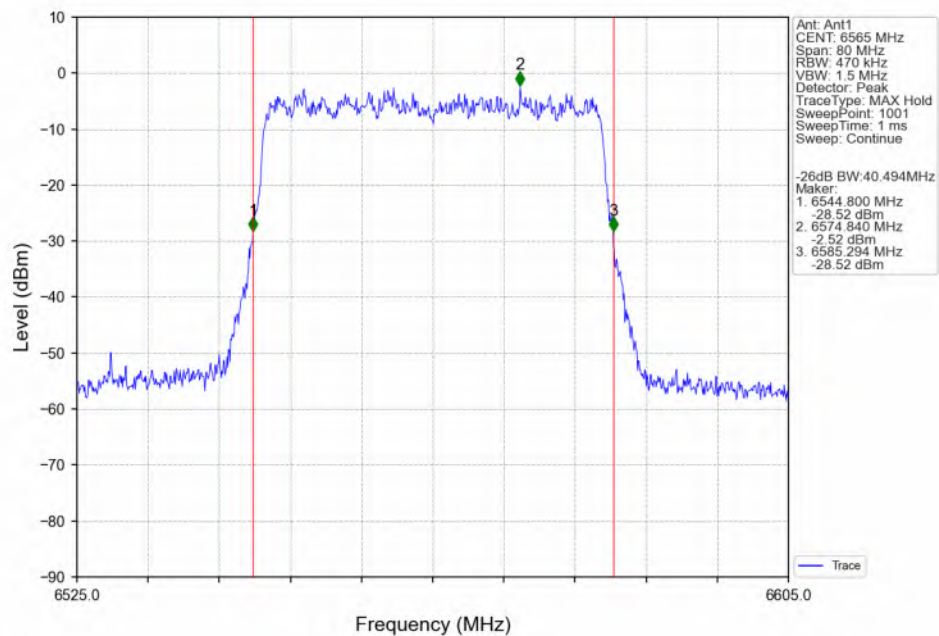
802.11be(EHT20)_MCH_6695MHz_RU242_Left(61)_Ant1_NTNV



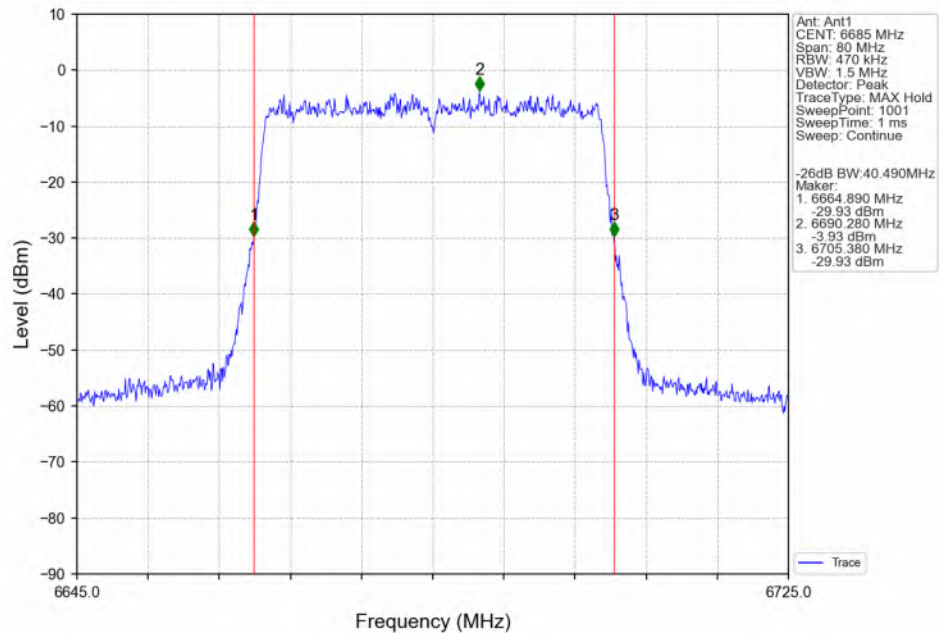
802.11be(EHT20)_HCH_6855MHz_RU242_Left(61)_Ant1_NTNV



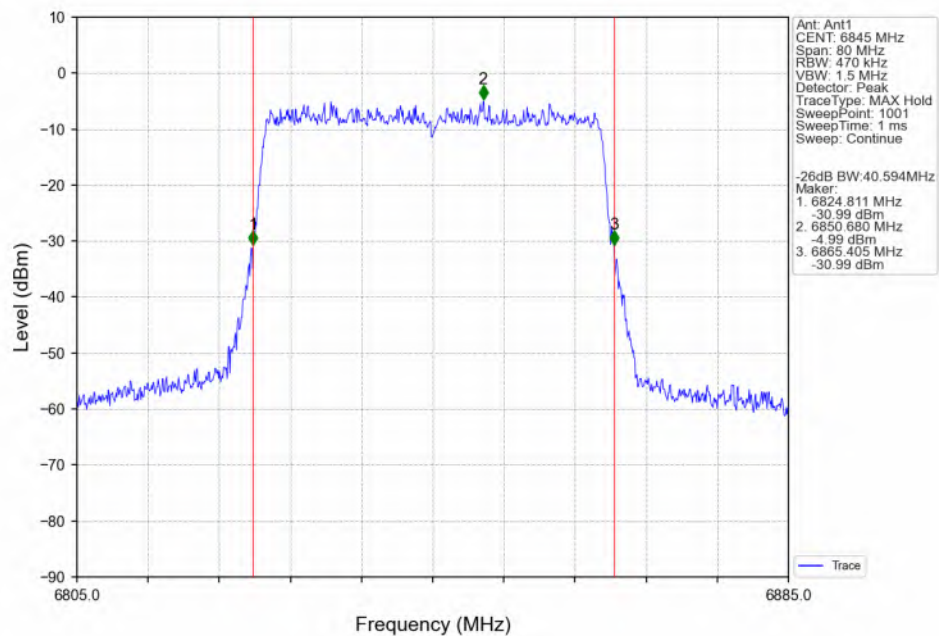
802.11be(EHT40)_LCH_6565MHz_RU484_Left(65)_Ant1_NTNV



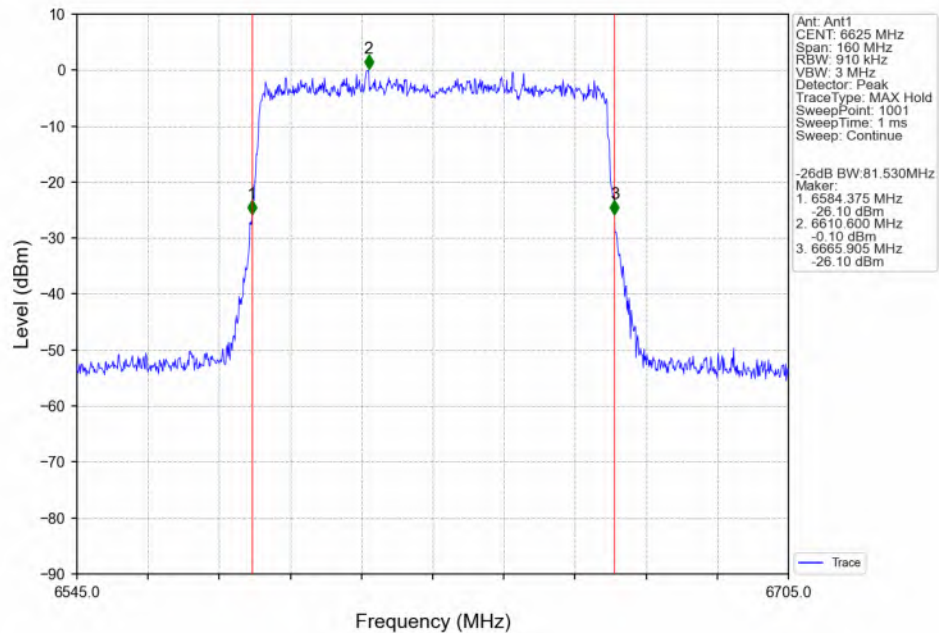
802.11be(EHT40)_MCH_6685MHz_RU484_Left(65)_Ant1_NTNV



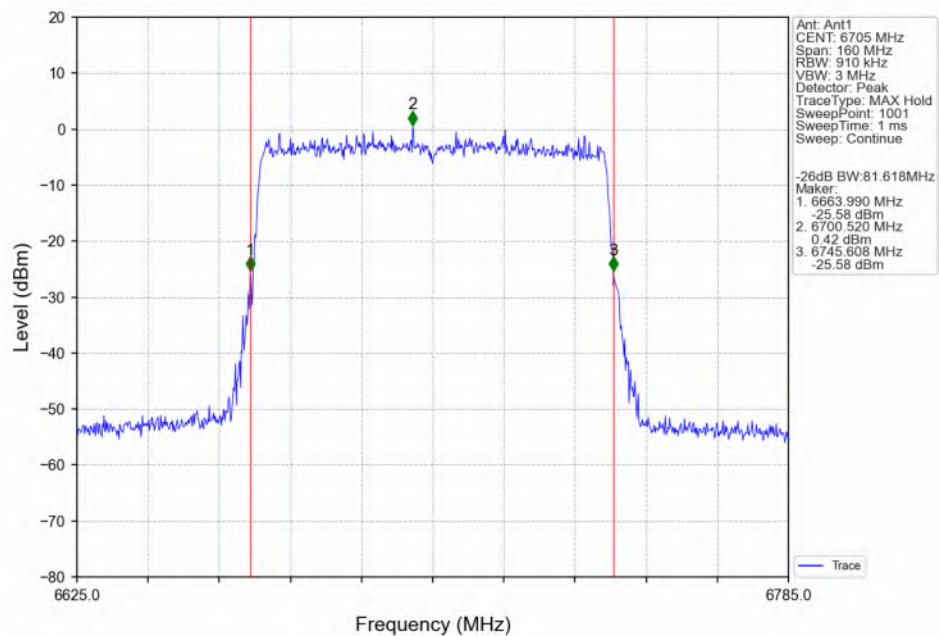
802.11be(EHT40)_HCH_6845MHz_RU484_Left(65)_Ant1_NTNV



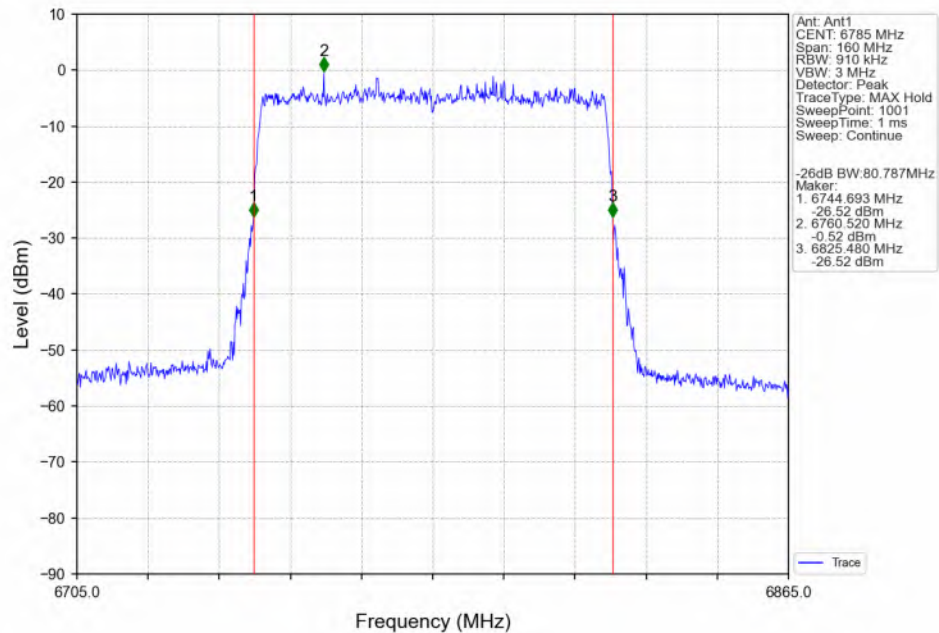
802.11be(EHT80) LCH_6625MHz_RU996_Left(67)_Ant1_NTNV



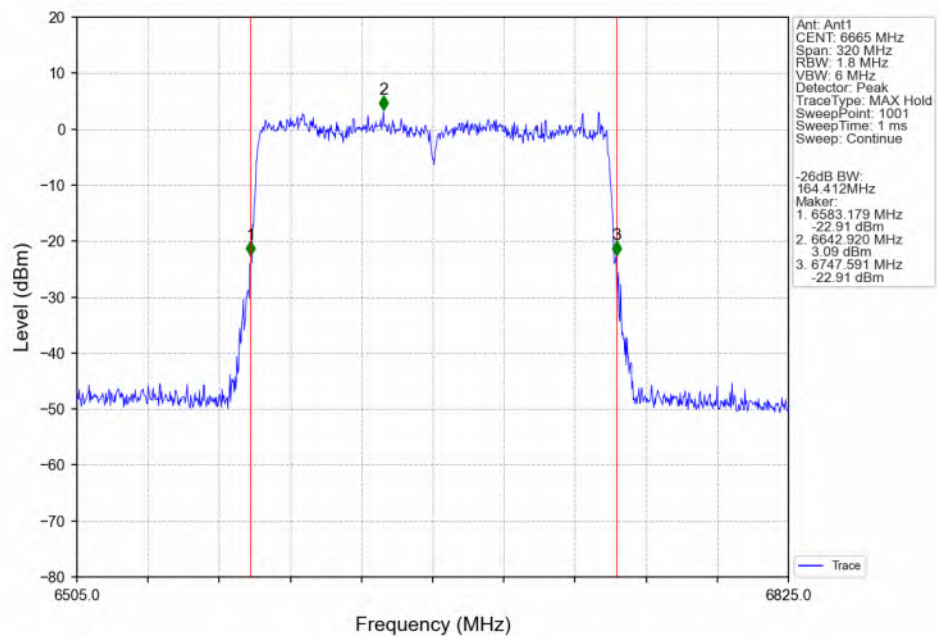
802.11be(EHT80) MCH_6705MHz_RU996_Left(67)_Ant1_NTNV



802.11be(EHT80)_HCH_6785MHz_RU996_Left(67)_Ant1_NTNV

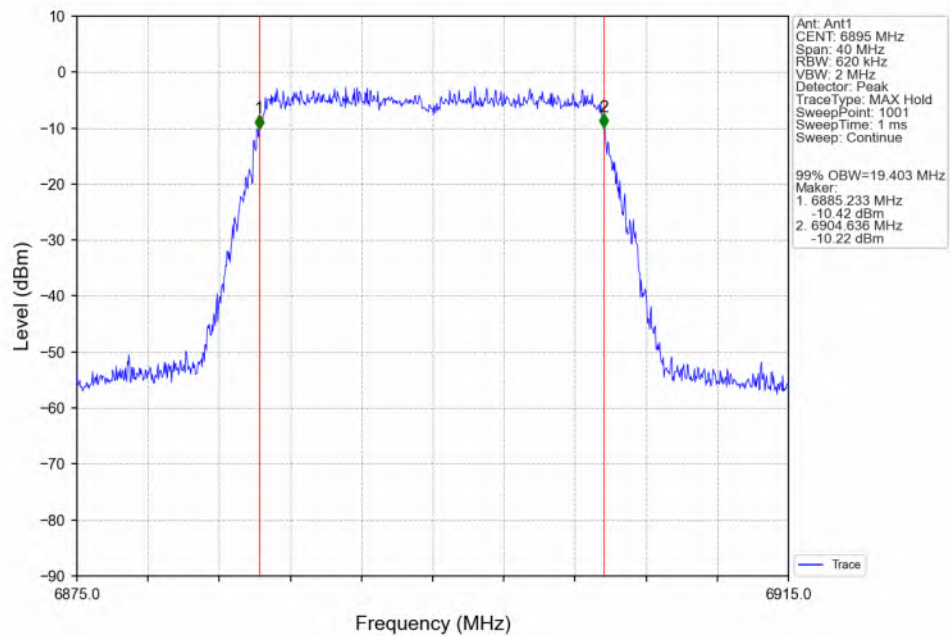


802.11be(EHT160)_MCH_6665MHz_2xRU996_Left(68)_Ant1_NTNV

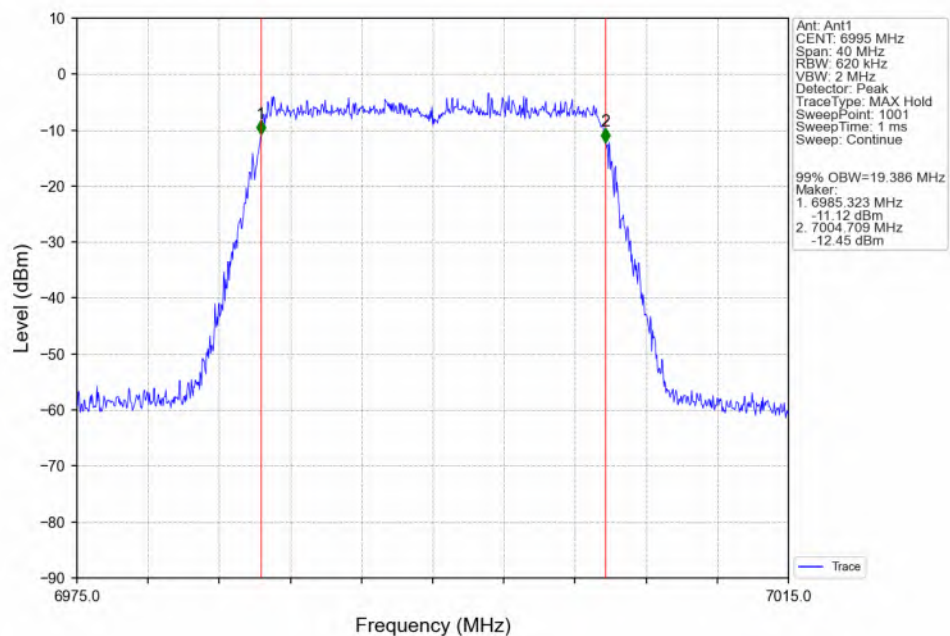


2.2.7 OBW

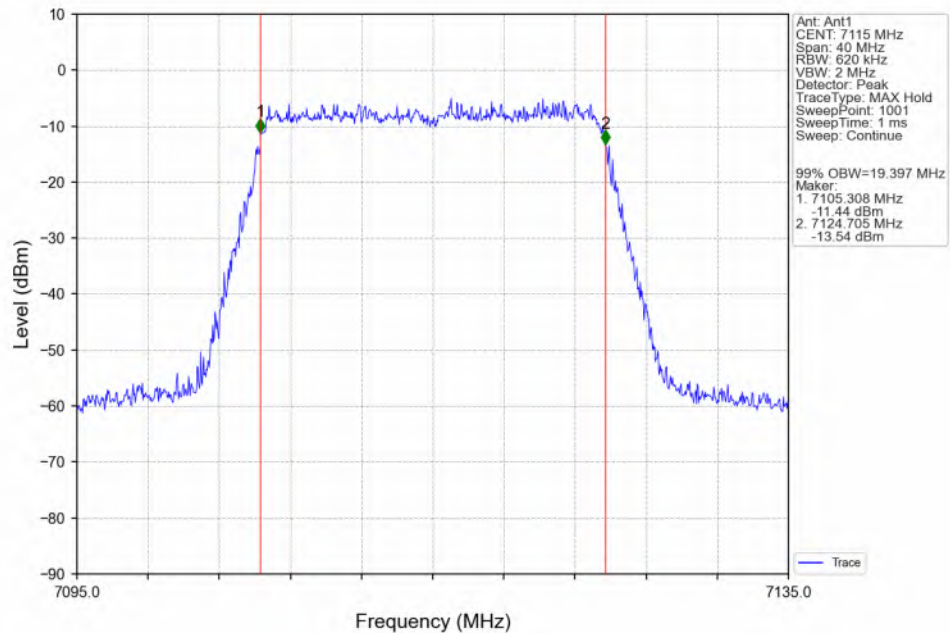
802.11be(EHT20)_LCH_6895MHz_RU242_Left(61)_Ant1_NTNV



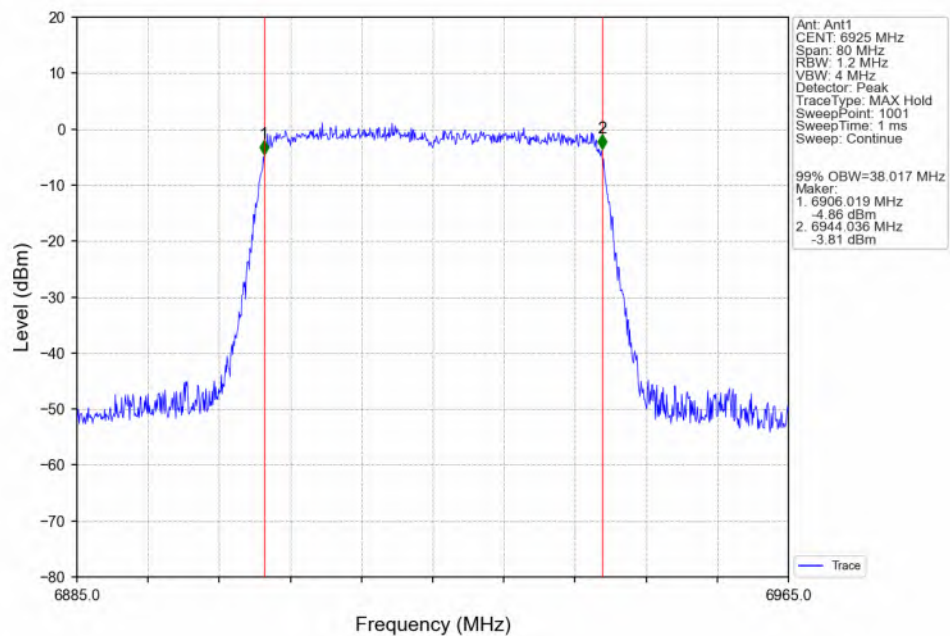
802.11be(EHT20)_MCH_6995MHz_RU242_Left(61)_Ant1_NTNV



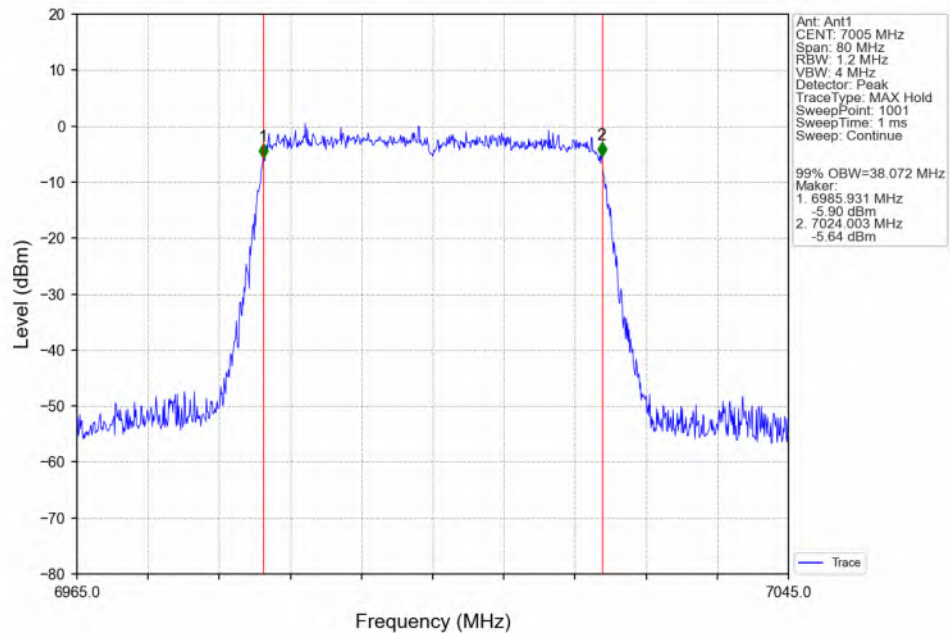
802.11be(EHT20)_HCH_7115MHz_RU242_Left(61)_Ant1_NTNV



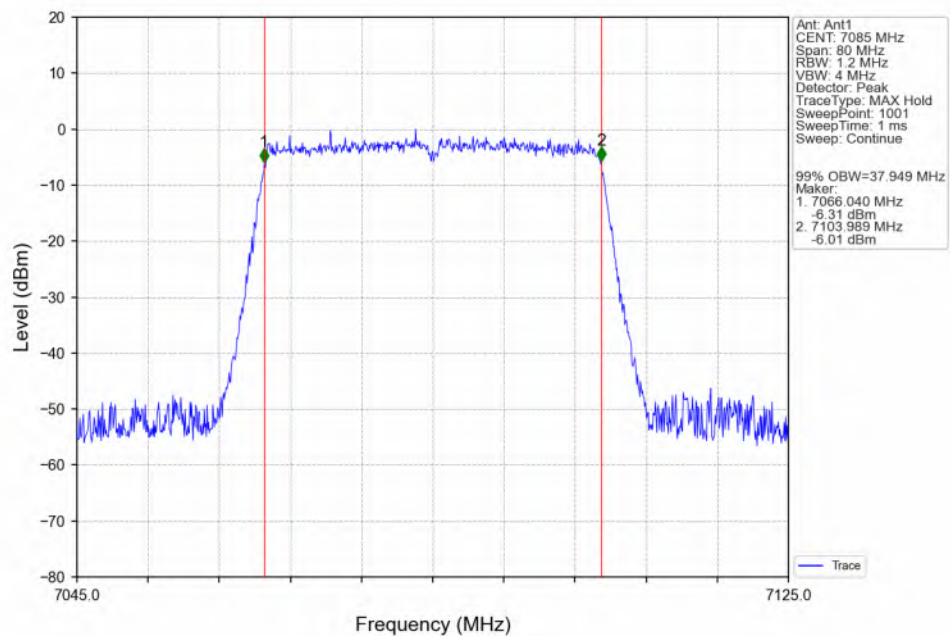
802.11be(EHT40)_LCH_6925MHz_RU484_Left(65)_Ant1_NTNV



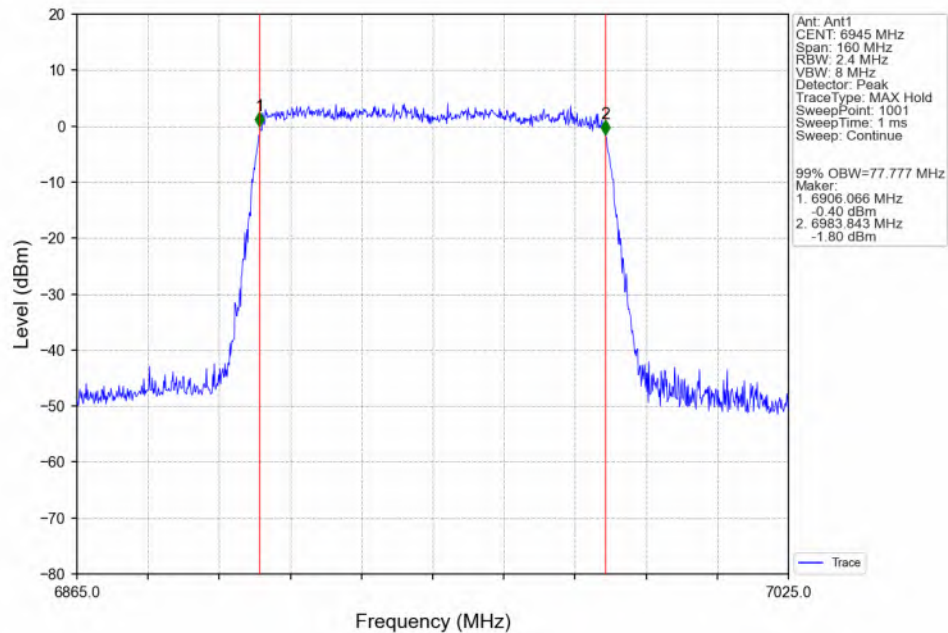
802.11be(EHT40)_MCH_7005MHz_RU484_Left(65)_Ant1_NTNV



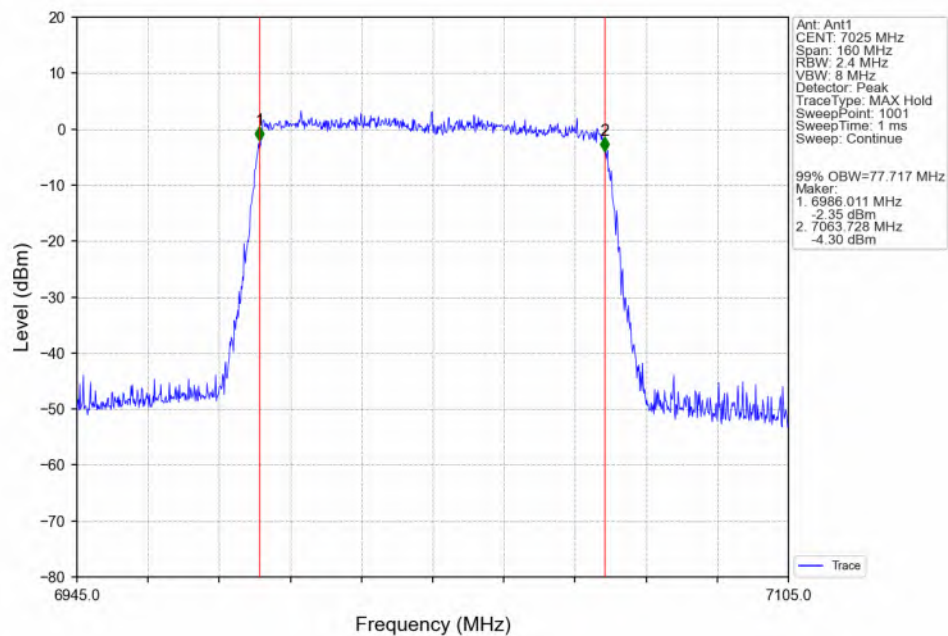
802.11be(EHT40)_HCH_7085MHz_RU484_Left(65)_Ant1_NTNV



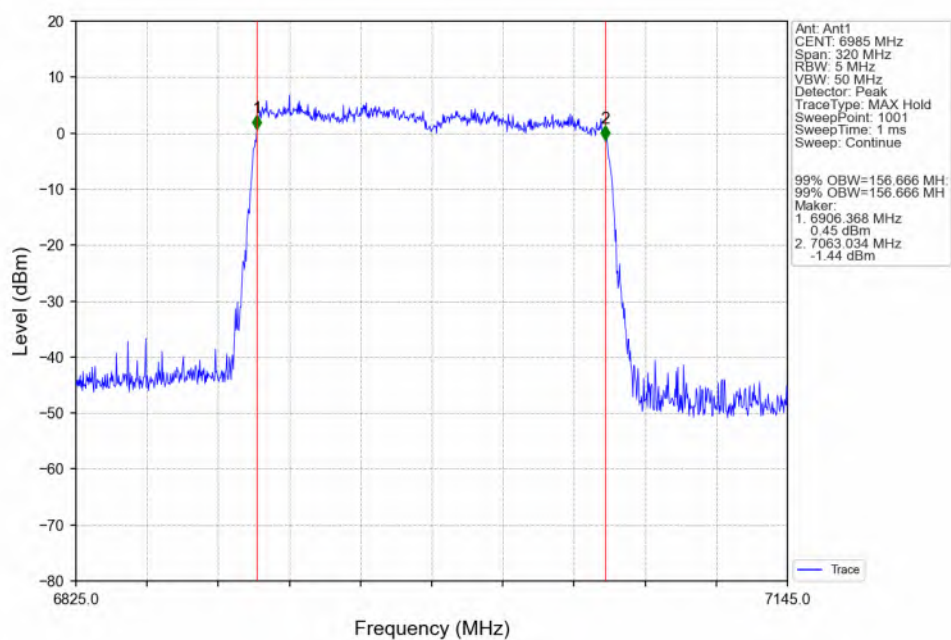
802.11be(EHT80) LCH_6945MHz_RU996_Left(67)_Ant1_NTNV



802.11be(EHT80) HCH_7025MHz_RU996_Left(67)_Ant1_NTNV

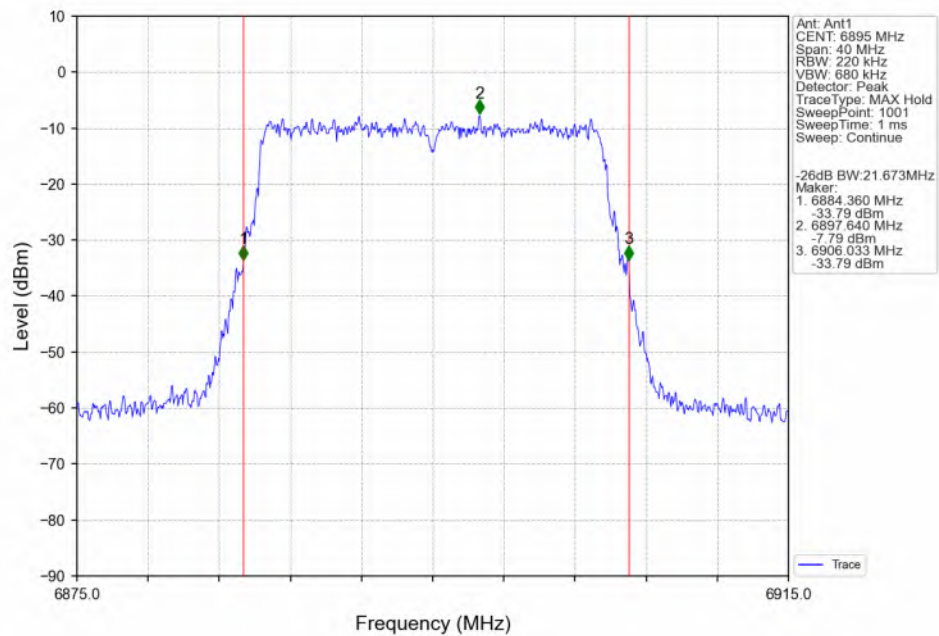


802.11be(EHT160)_MCH_6985MHz_2xRU996_Left(68)_Ant1_NTNV

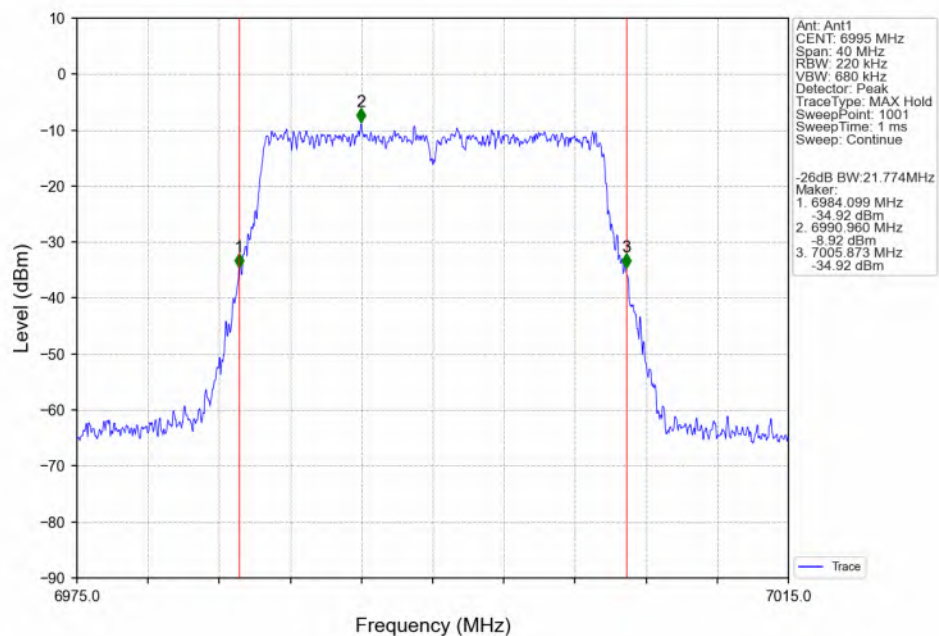


2.2.8 26dB BW

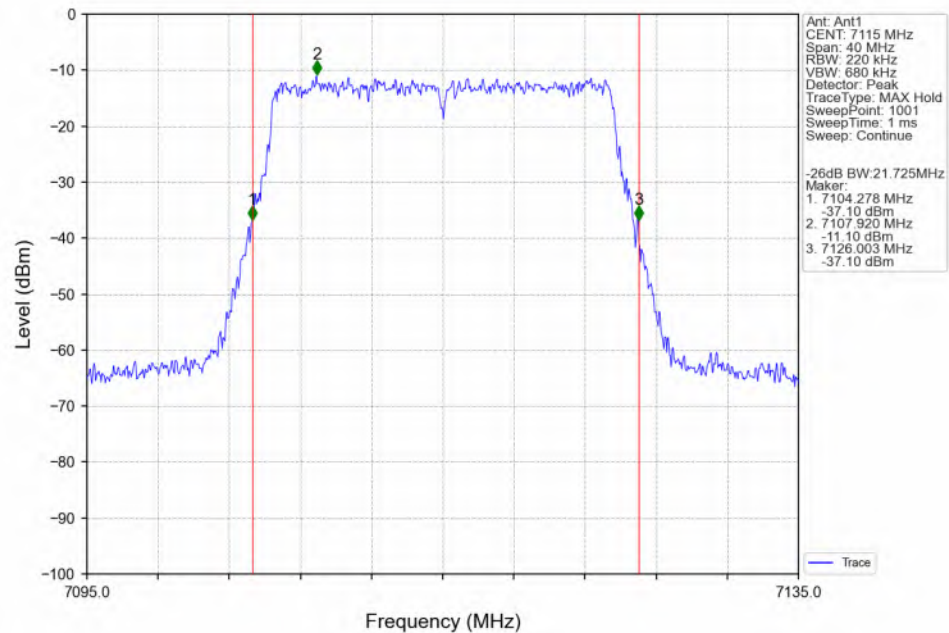
802.11be(EHT20)_LCH_6895MHz_RU242_Left(61)_Ant1_NTNV



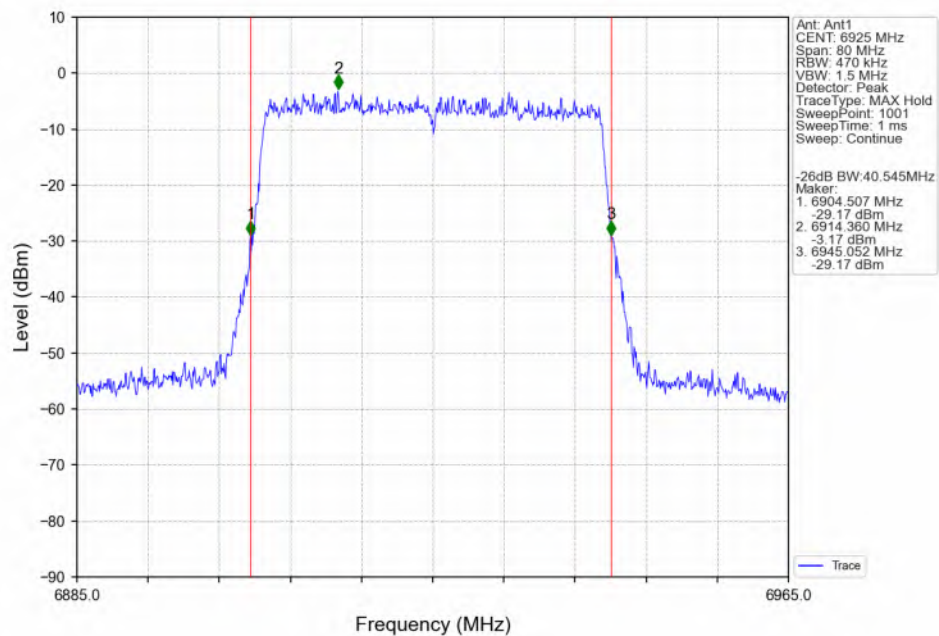
802.11be(EHT20)_MCH_6995MHz_RU242_Left(61)_Ant1_NTNV



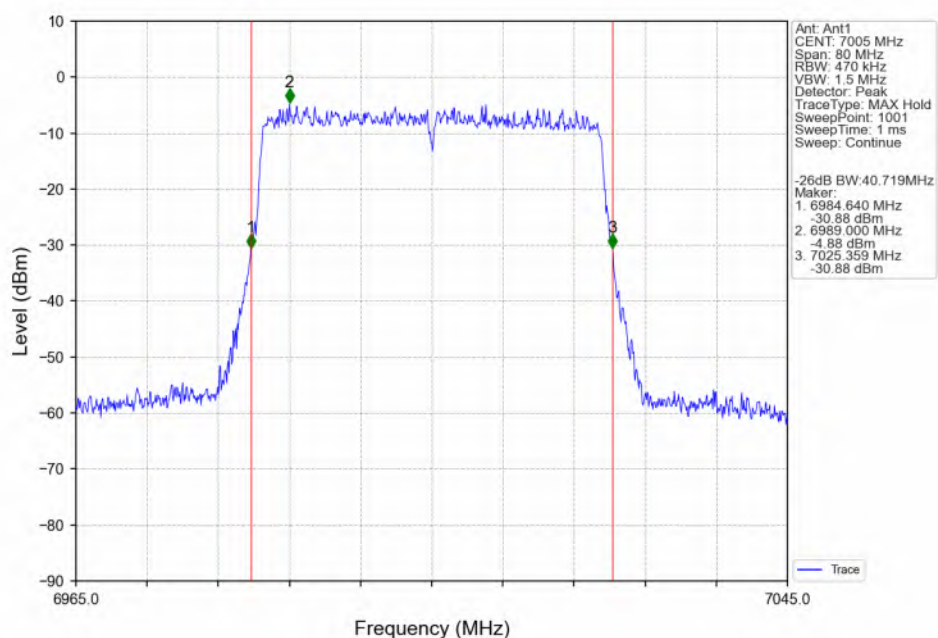
802.11be(EHT20)_HCH_7115MHz_RU242_Left(61)_Ant1_NTNV



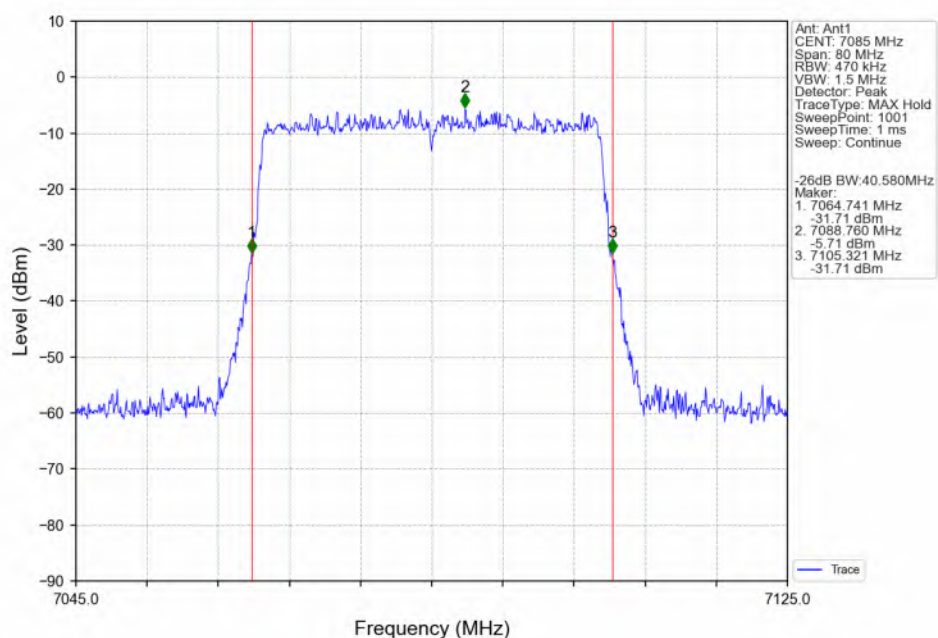
802.11be(EHT40)_LCH_6925MHz_RU484_Left(65)_Ant1_NTNV



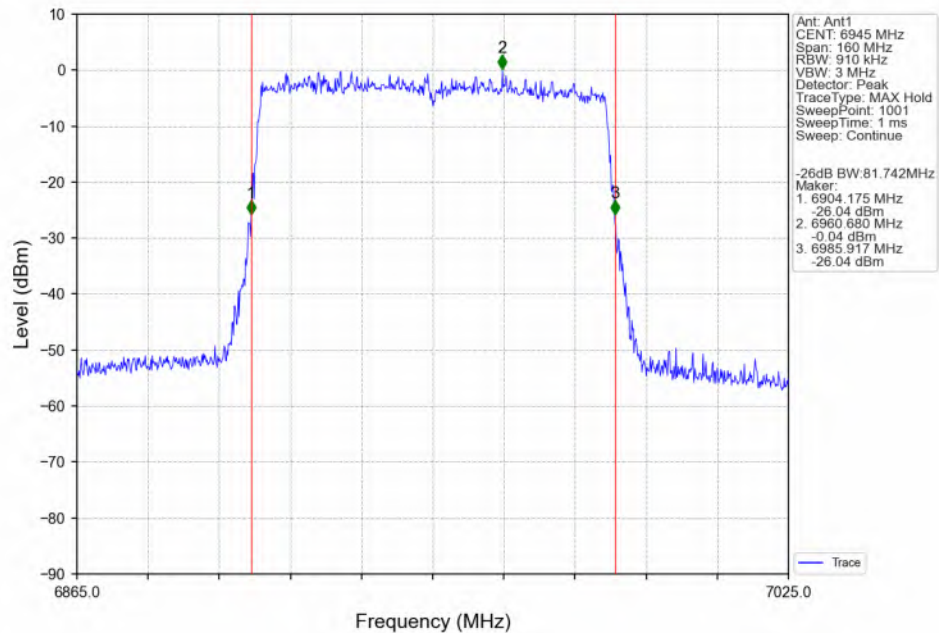
802.11be(EHT40)_MCH_7005MHz_RU484_Left(65)_Ant1_NTNV



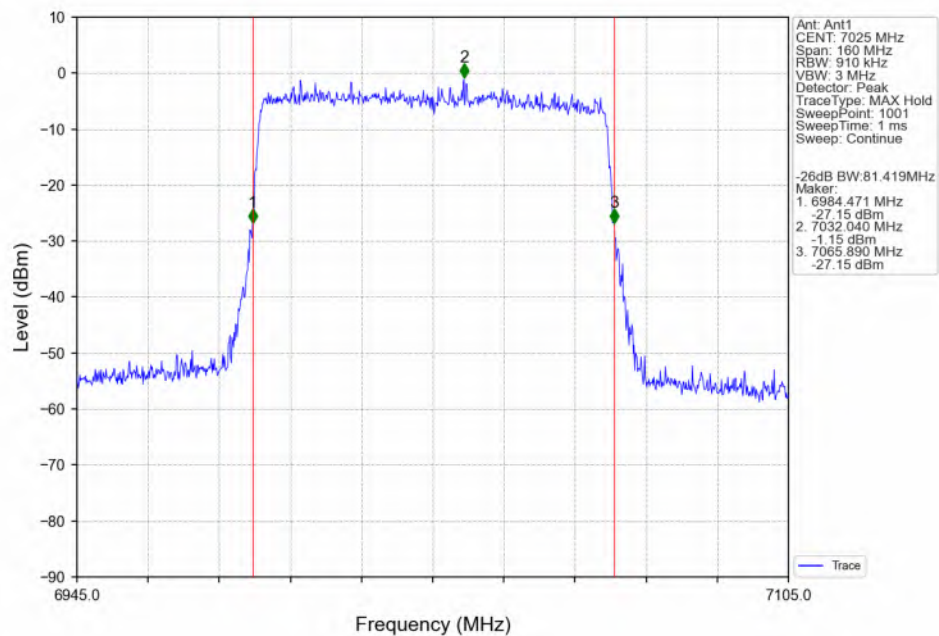
802.11be(EHT40)_HCH_7085MHz_RU484_Left(65)_Ant1_NTNV



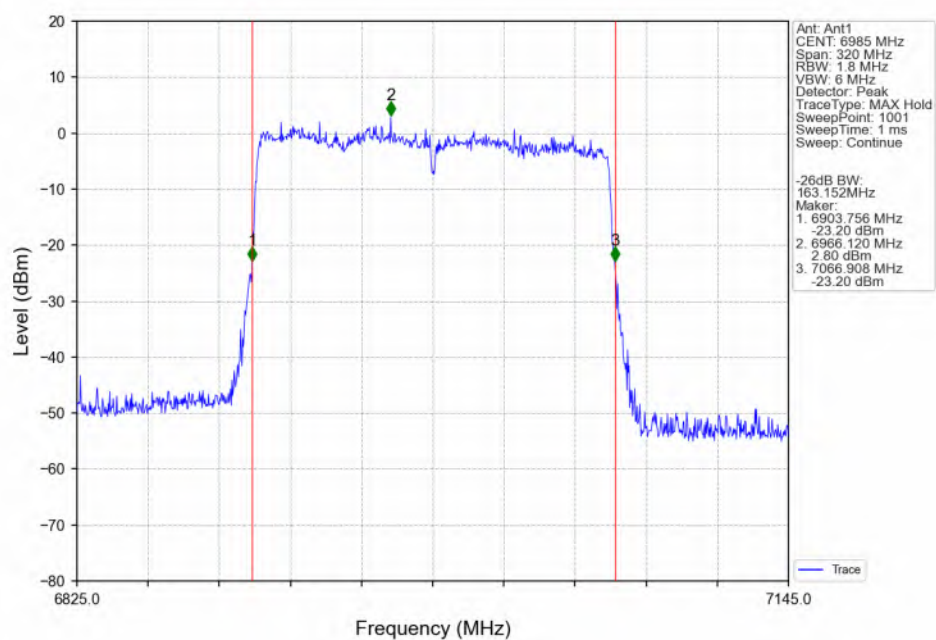
802.11be(EHT80) LCH 6945MHz RU996 Left(67) Ant1 NTNv



802.11be(EHT80) HCH 7025MHz RU996 Left(67) Ant1 NTNv

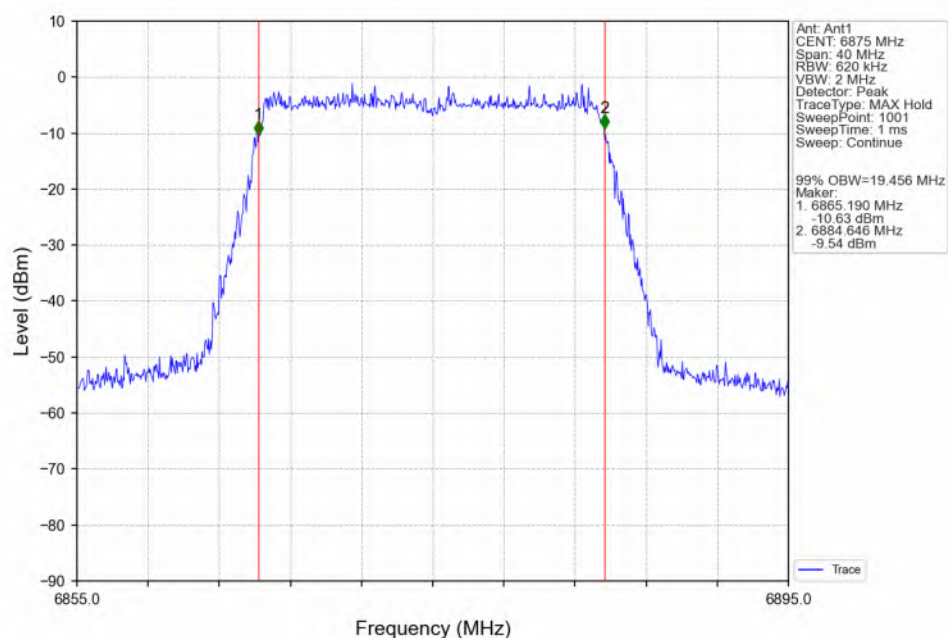


802.11be(EHT160)_MCH_6985MHz_2xRU996_Left(68)_Ant1_NTNV

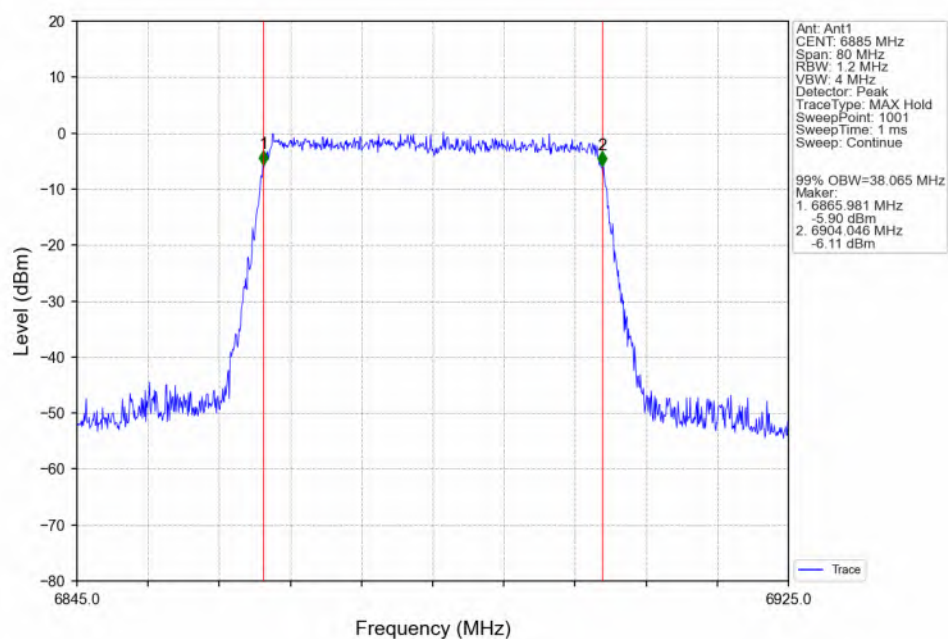


2.2.9 OBW

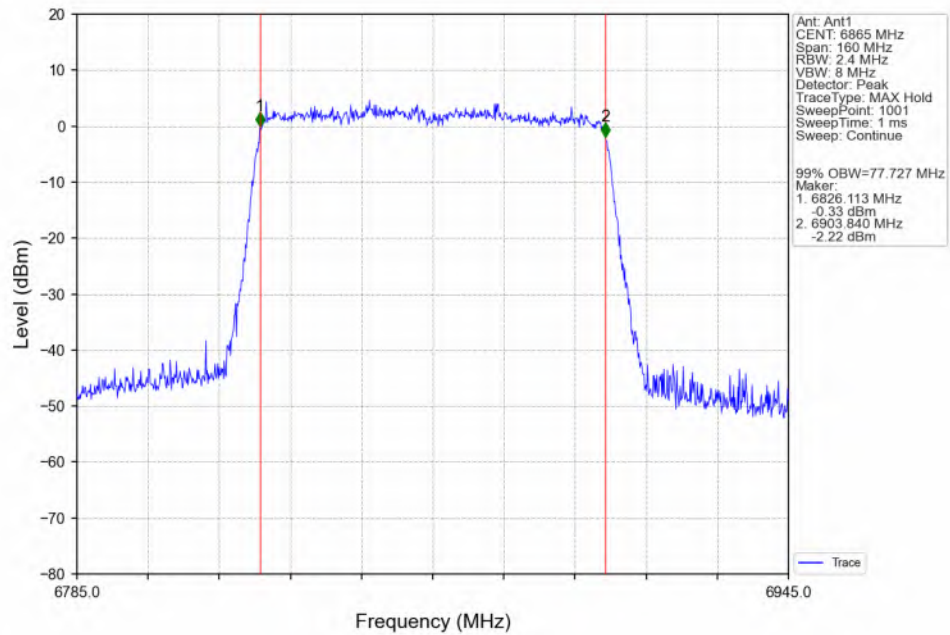
802.11be(EHT20)_HCH_6875MHz_RU242_Left(61)_Ant1_NTNV



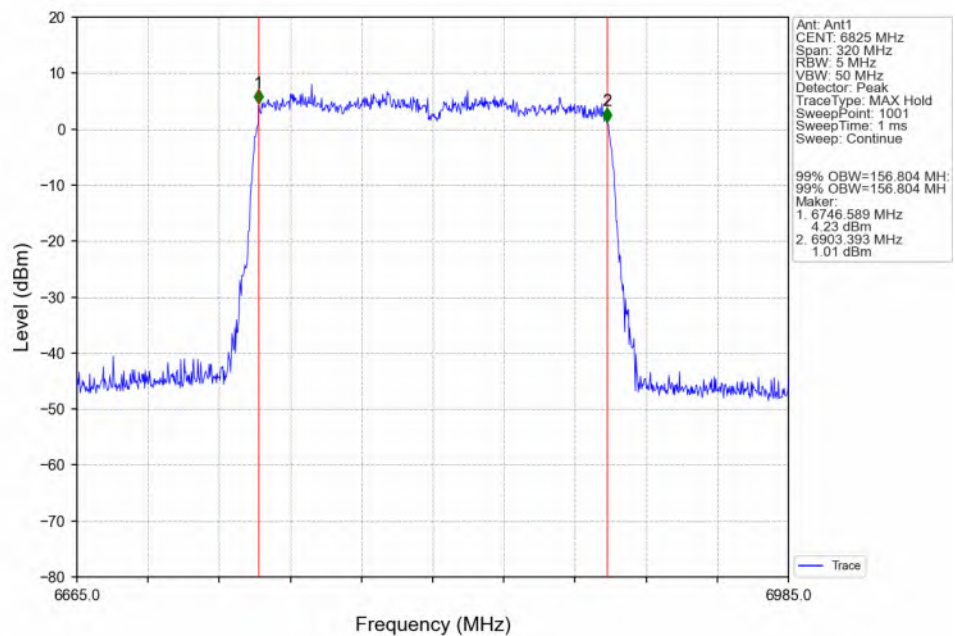
802.11be(EHT40)_HCH_6885MHz_RU484_Left(65)_Ant1_NTNV



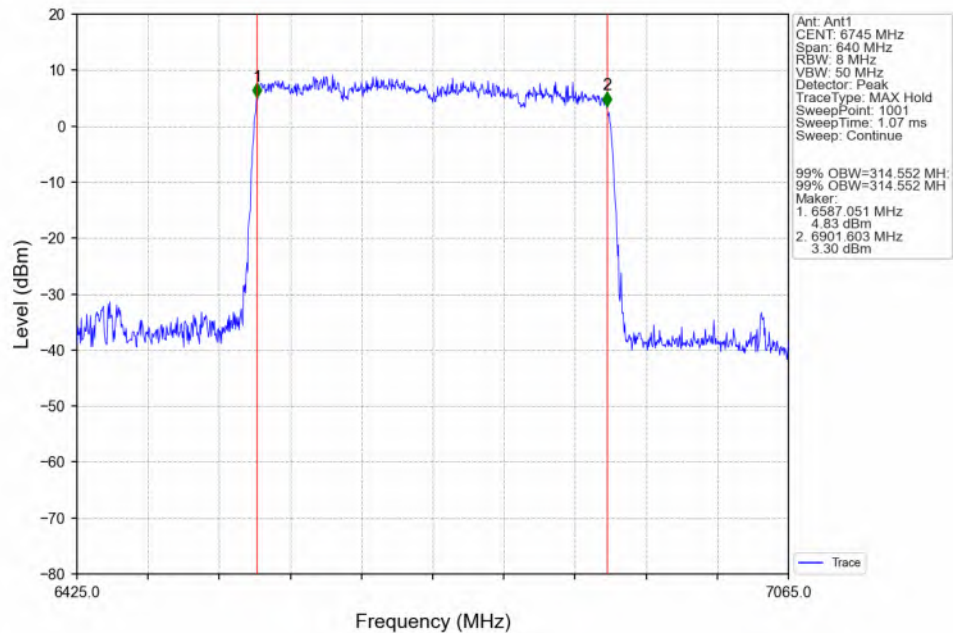
802.11be(EHT80)_HCH_6865MHz_RU996_Left(67)_Ant1_NTNV



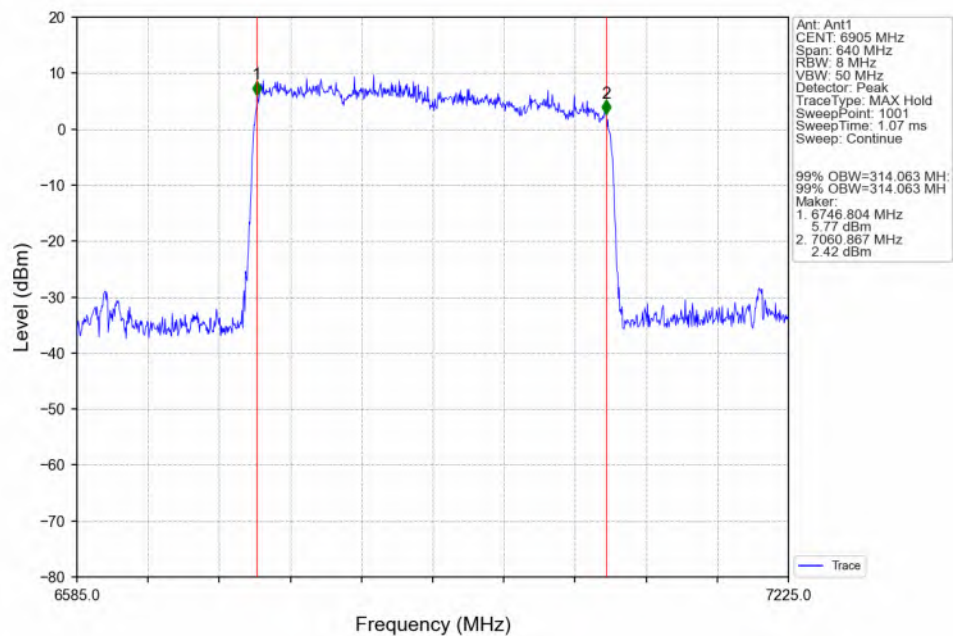
802.11be(EHT160)_HCH_6825MHz_2xRU996_Left(68)_Ant1_NTNV



802.11be(EHT320)_LCH_6745MHz_4xRU996_Left(70)_Ant1_NTNV

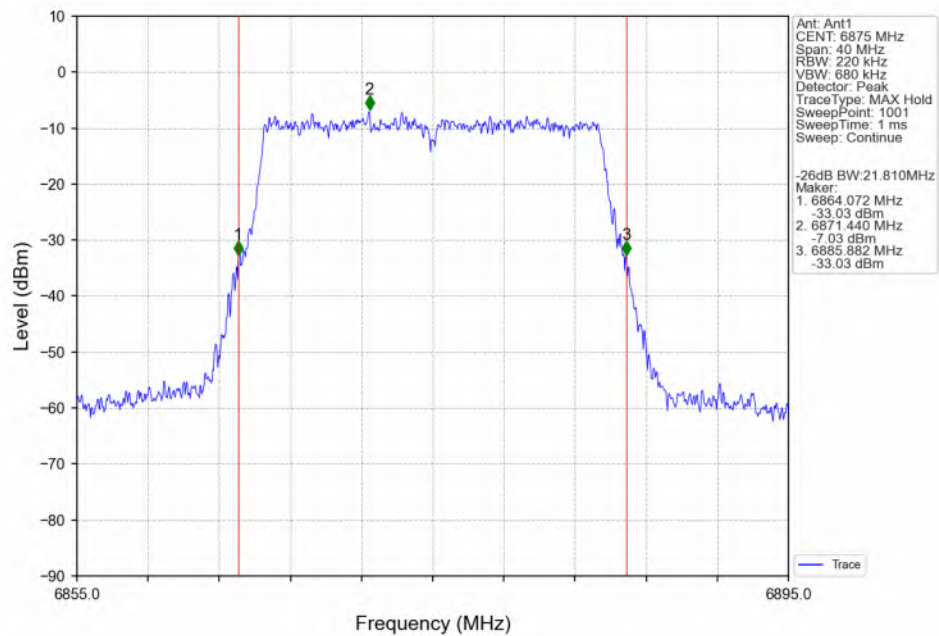


802.11be(EHT320)_HCH_6905MHz_4xRU996_Left(70)_Ant1_NTNV

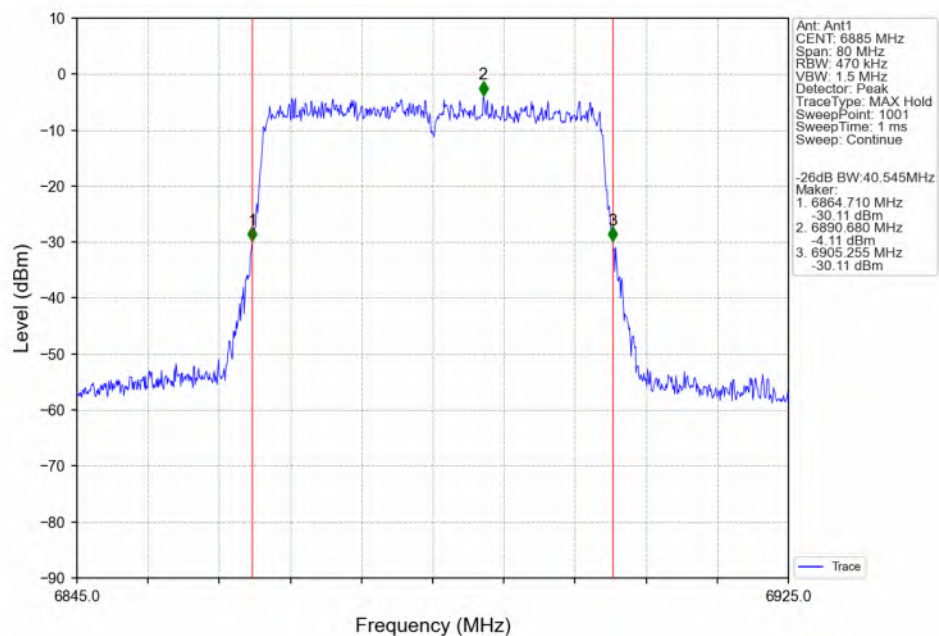


2.2.10 26dB BW

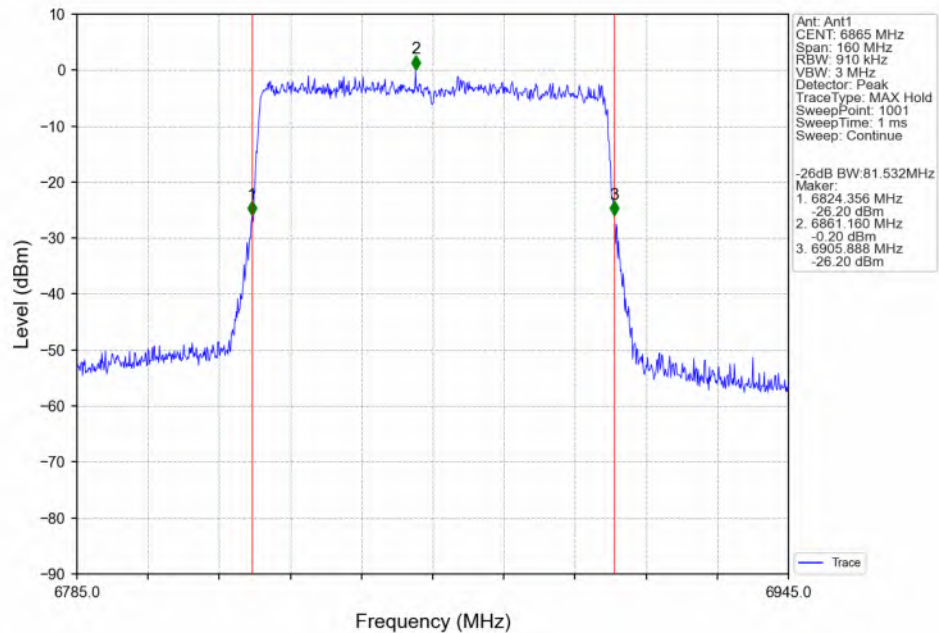
802.11be(EHT20)_HCH_6875MHz_RU242_Left(61)_Ant1_NTNV



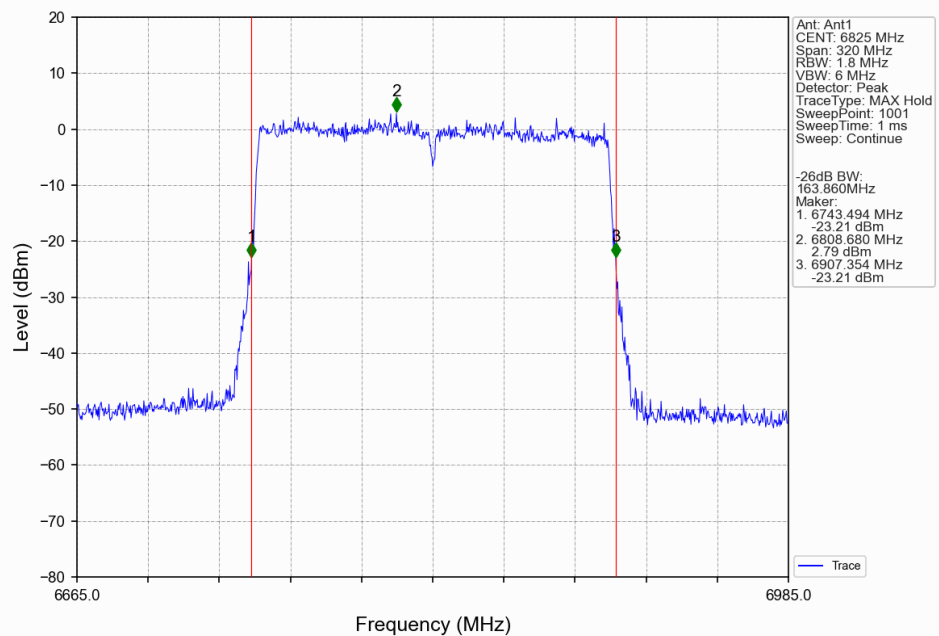
802.11be(EHT40)_HCH_6885MHz_RU484_Left(65)_Ant1_NTNV



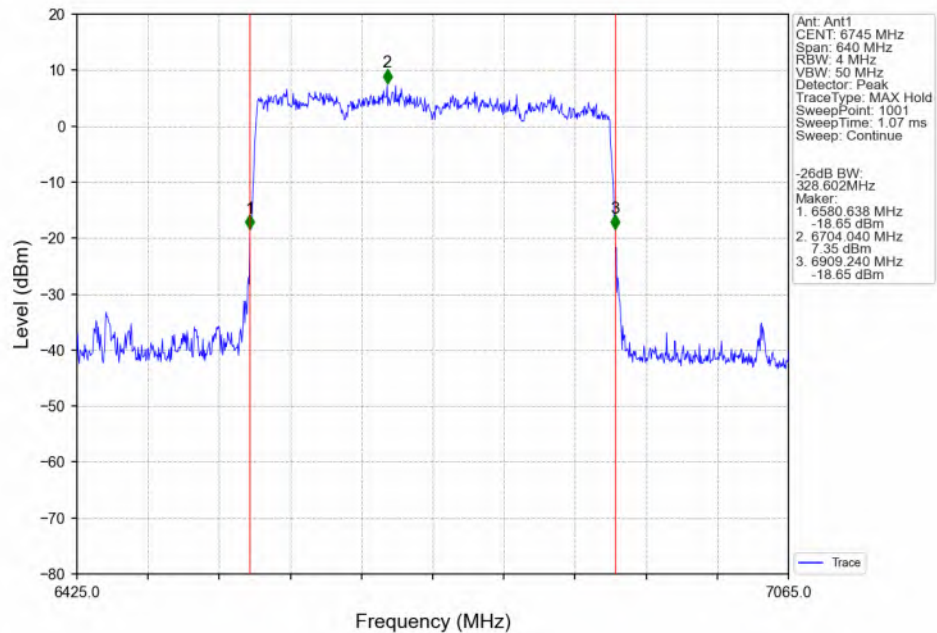
802.11be(EHT80)_HCH_6865MHz_RU996_Left(67)_Ant1_NTNV



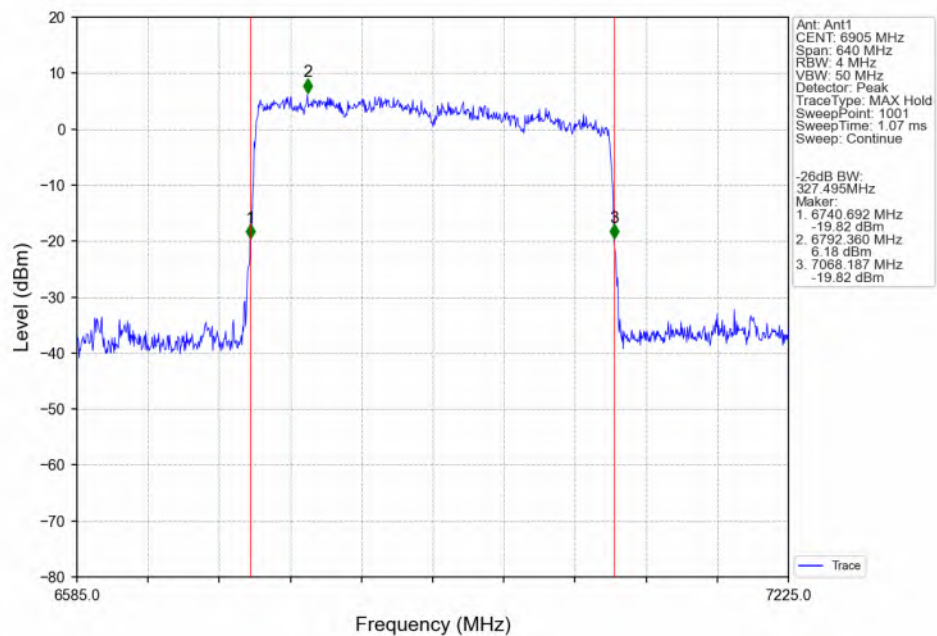
802.11be(EHT160)_HCH_6825MHz_2xRU996_Left(68)_Ant1_NTNV



802.11be(EHT320)_LCH_6745MHz_4xRU996_Left(70)_Ant1_NTNV

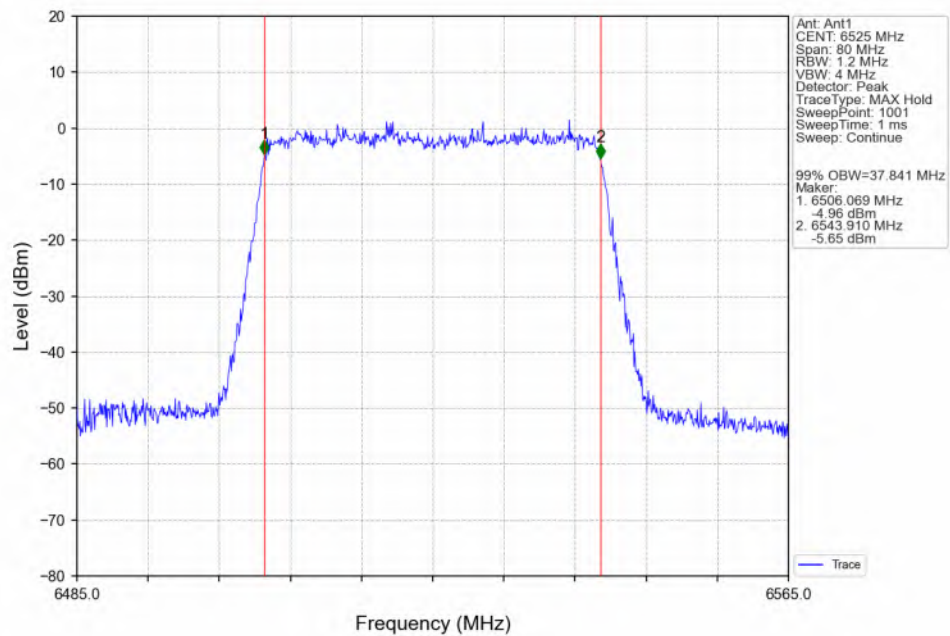


802.11be(EHT320)_HCH_6905MHz_4xRU996_Left(70)_Ant1_NTNV

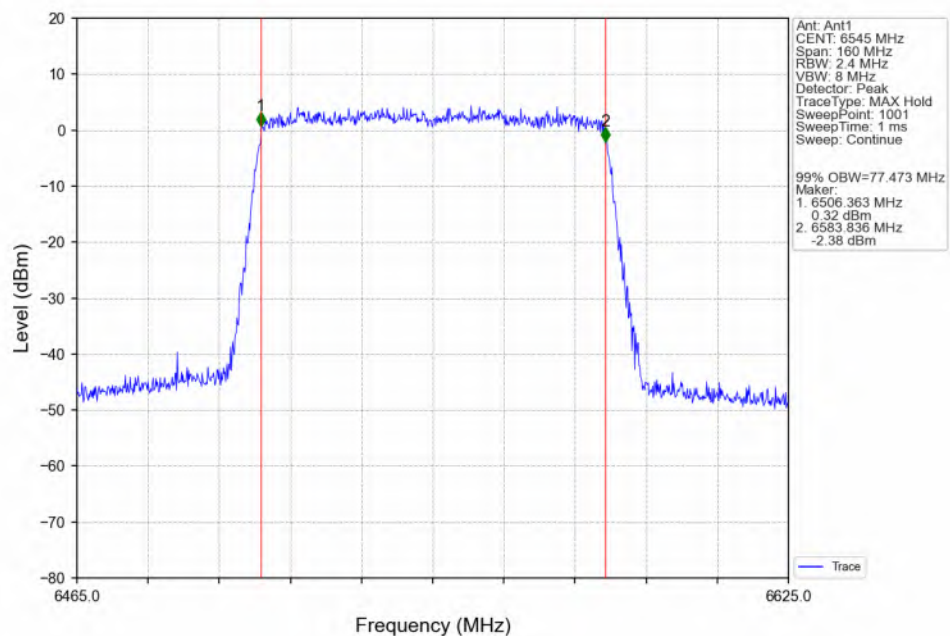


2.2.11 OBW

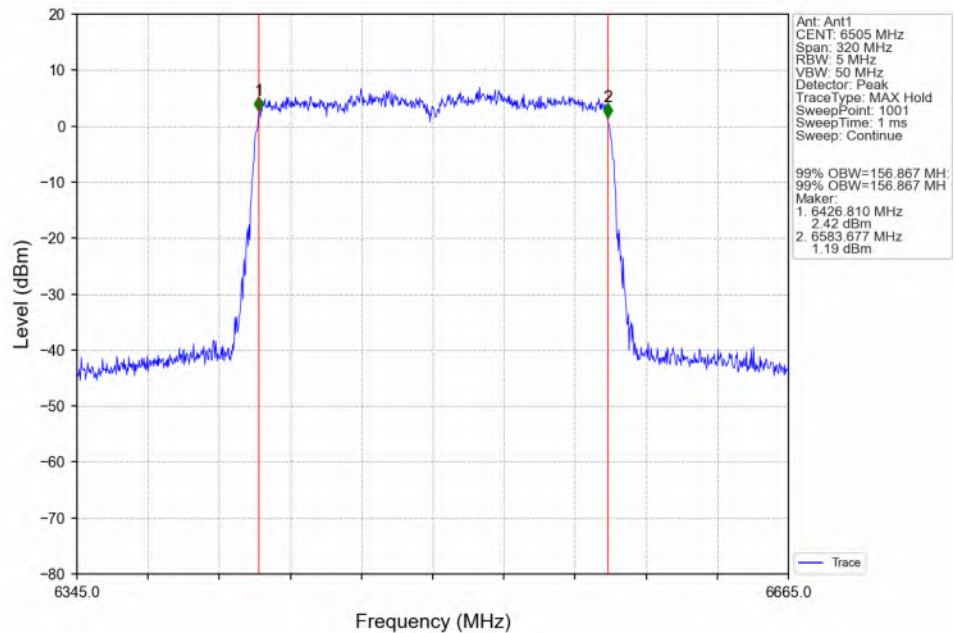
802.11be(EHT40)_HCH_6525MHz_RU484_Left(65)_Ant1_NTNV



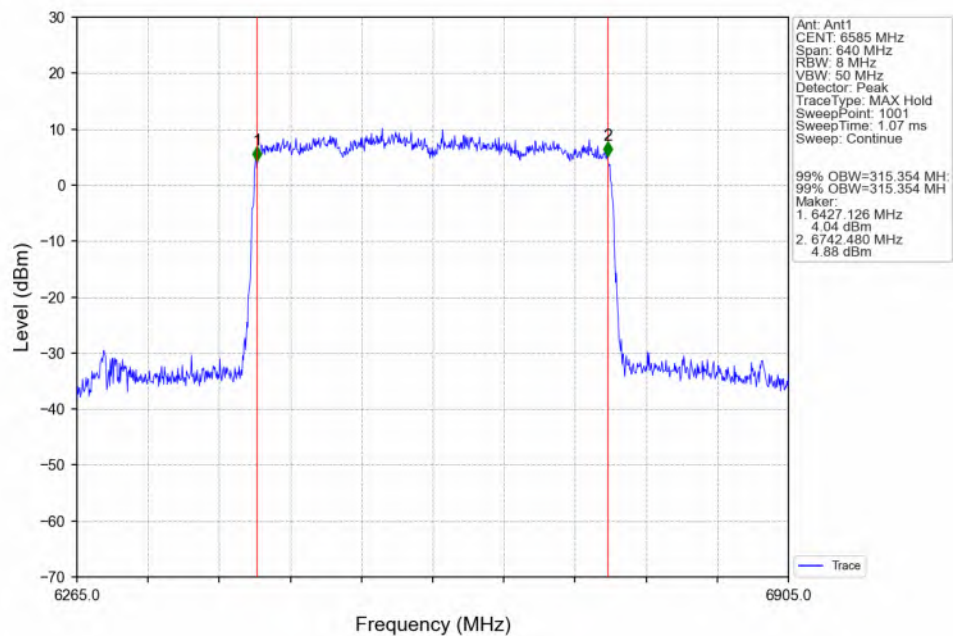
802.11be(EHT80)_HCH_6545MHz_RU996_Left(67)_Ant1_NTNV



802.11be(EHT160)_HCH_6505MHz_2xRU996_Left(68)_Ant1_NTNV

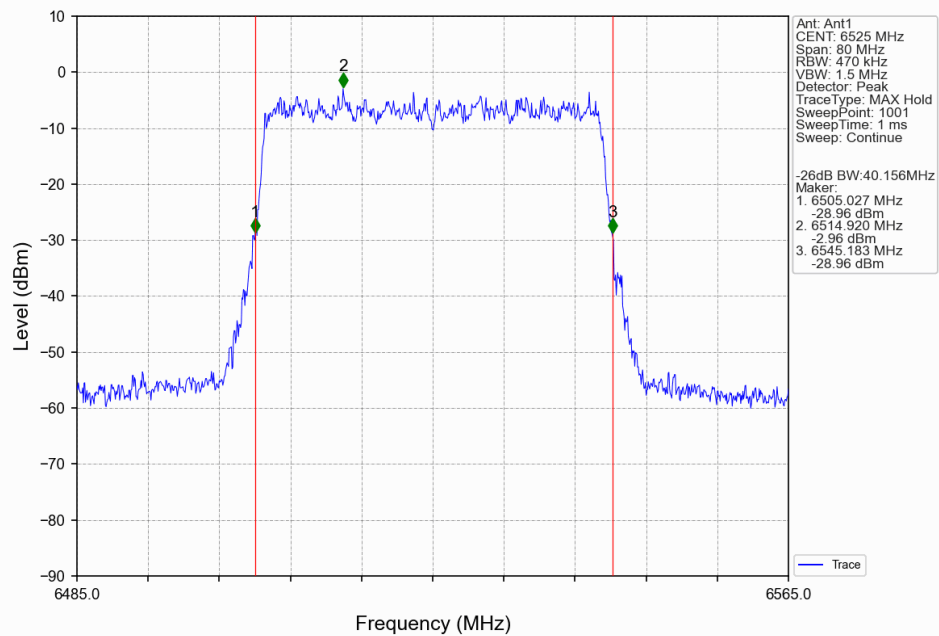


802.11be(EHT320)_MCH_6585MHz_4xRU996_Left(70)_Ant1_NTNV

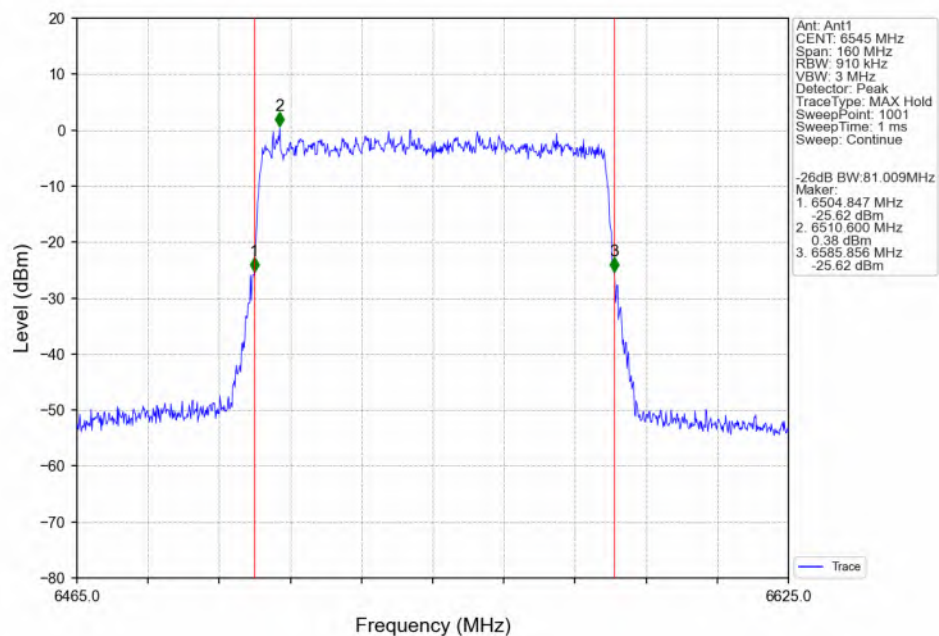


2.2.12 26dB BW

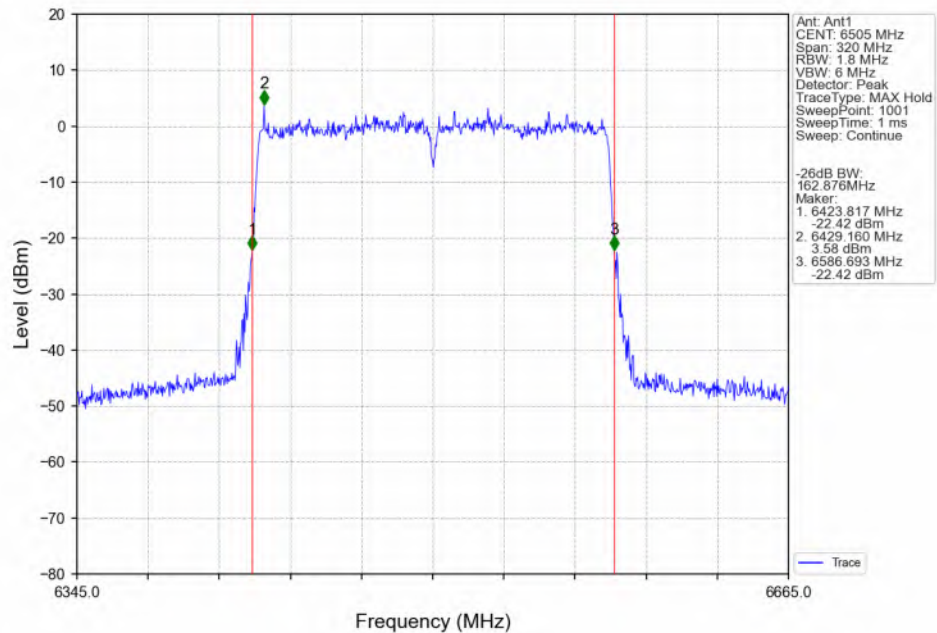
802.11be(EHT40)_HCH_6525MHz_RU484_Left(65)_Ant1_NTNV



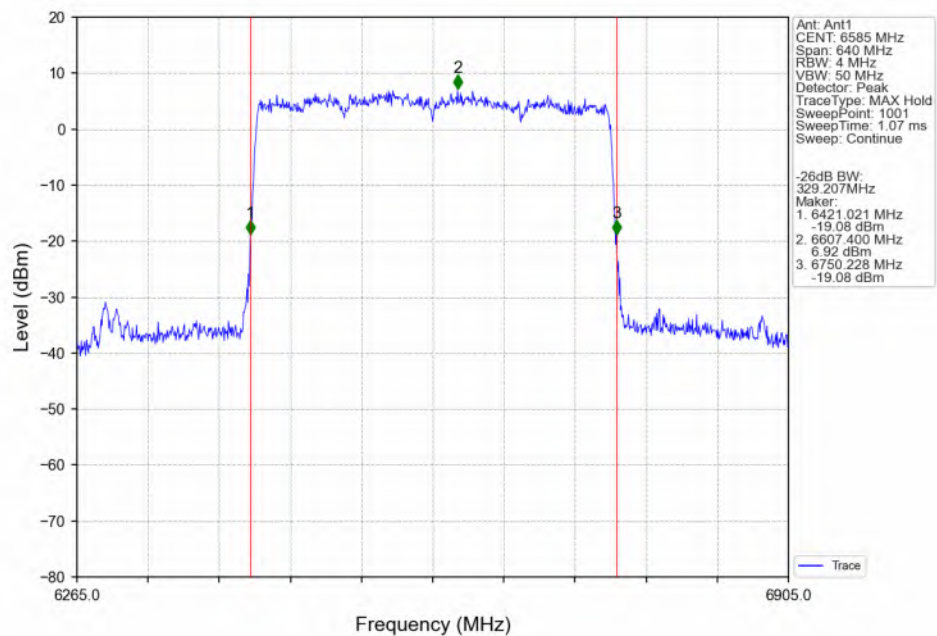
802.11be(EHT80)_HCH_6545MHz_RU996_Left(67)_Ant1_NTNV



802.11be(EHT160)_HCH_6505MHz_2xRU996_Left(68)_Ant1_NTNV



802.11be(EHT320)_MCH_6585MHz_4xRU996_Left(70)_Ant1_NTNV



Appendix A.3: Maximum Conducted Output Power

3.1 Test Result

3.1.1 Power

ENV	Mode	TX Type	Frequency (MHz)	RU	RU Pos	Maximum Average Conducted Output Power (dBm)						Verdict
						ANT1	ANT2	ANT3	ANT4	MIMO	Limit	
NTNV	802.11be (EHT20)	MIMO	5955	RU26	Left(0)	-8.32	-9.34	-8.30	-8.78	-2.64	/	Pass
				RU242	Left(61)	-0.36	-1.00	0.03	-0.69	5.53	/	Pass
				RU26+52	/	-5.37	-6.44	-5.03	-5.86	0.38	/	Pass
			6175	RU26	Left(0)	-8.10	-8.89	-7.94	-7.97	-2.19	/	Pass
				RU242	Left(61)	2.11	0.34	2.74	2.14	7.94	/	Pass
				RU26+52	/	-2.77	-4.61	-2.14	-2.46	3.12	/	Pass
			6415	RU26	Left(0)	-7.15	-7.64	-6.73	-7.16	-1.14	/	Pass
				RU242	Left(61)	2.26	1.26	2.34	1.88	7.98	/	Pass
				RU26+52	/	-2.66	-3.55	-2.37	-3.08	3.13	/	Pass
	802.11be (EHT40)	MIMO	5965	RU26	Left(0)	-	-	-	-	-5.52	/	Pass
				RU484	Left(65)	1.54	1.12	2.26	0.93	7.51	/	Pass
				RU26+52	/	-6.32	-7.36	-6.53	-7.37	-0.85	/	Pass
			6165	RU26	Left(0)	-8.66	-9.44	-8.34	-7.90	-2.53	/	Pass
				RU484	Left(65)	3.54	2.02	4.17	3.79	9.47	/	Pass
				RU26+52	/	-3.51	-5.38	-3.51	-3.28	2.18	/	Pass
			6405	RU26	Left(0)	-7.50	-8.25	-6.92	-7.82	-1.57	/	Pass
				RU484	Left(65)	4.92	3.92	5.08	4.56	10.66	/	Pass
				RU26+52	/	-2.55	-3.99	-2.65	-3.30	2.94	/	Pass
	802.11be (EHT80)	MIMO	5985	RU26	Left(0)	-	-	-	-	-6.33	/	Pass
				RU996	Left(67)	4.66	4.18	4.84	4.21	10.50	/	Pass
				RU26+52	/	-6.90	-7.86	-7.04	-7.58	-1.31	/	Pass
				P-20M-RU242+484	/	3.58	2.88	3.68	3.05	9.33	/	Pass
			6145	RU26	Left(0)	-8.00	-9.80	-9.84	-8.92	-3.05	/	Pass
				RU996	Left(67)	7.13	5.04	6.28	6.37	12.29	/	Pass
				RU26+52	/	-3.03	-5.03	-3.80	-3.59	2.22	/	Pass
				P-20M-RU242+484	/	5.38	3.54	5.09	5.04	10.84	/	Pass
			6385	RU26	Left(0)	-7.35	-8.45	-7.85	-7.80	-1.82	/	Pass
				RU996	Left(67)	7.63	6.36	7.39	7.22	13.20	/	Pass
				RU26+52	/	-2.58	-3.95	-3.72	-2.82	2.79	/	Pass
				P-20M-RU242+484	/	6.58	5.39	6.26	5.96	12.09	/	Pass
	802.11be (EHT160)	MIMO	6025	RU996	Left(67)	5.52	5.10	5.79	5.27	11.45	/	Pass
				2xRU996	Left(68)	8.95	7.95	8.78	5.43	14.00	/	Pass
				RU26+52	/	-6.15	-7.02	-6.21	-6.74	-0.49	/	Pass
				P-20M-RU242+484+996	/	8.94	7.96	8.35	8.88	14.57	/	Pass
				P-40M-RU484+996	/	7.96	7.06	7.49	7.83	13.62	/	Pass
			6185	RU996	Left(67)	7.81	6.10	7.51	7.69	13.35	/	Pass
				2xRU996	Left(68)	10.23	8.04	9.77	9.56	15.49	/	Pass
				RU26+52	/	-1.75	-4.01	-2.71	-2.73	3.29	/	Pass
				P-20M-RU242+484+996	/	9.66	7.51	9.32	9.19	15.02	/	Pass
				P-40M-RU484+996	/	9.27	7.20	8.80	8.93	14.64	/	Pass
			6345	RU996	Left(67)	8.30	5.97	7.01	7.45	13.28	/	Pass
				2xRU996	Left(68)	10.86	8.83	9.84	10.13	16.00	/	Pass

802.11be (EHT320)	MIMO	6105	RU26+52	/	-2.72	-5.01	-3.62	-3.24	2.45	/	Pass
			P-20M- RU242+484+996	/	10.57	8.63	9.68	9.88	15.77	/	Pass
			P-40M-RU484+996	/	9.99	7.87	8.86	9.09	15.04	/	Pass
			4xRU996	Left(70)	13.20	11.69	12.80	13.20	18.79	/	Pass
			RU26+52	/	-2.13	-2.92	-3.25	-2.53	3.33	/	Pass
			P-40M- RU484+996+2X996	/	12.61	10.93	12.10	12.33	18.06	/	Pass
			P-80M-RU996+2X996	/	11.83	10.47	11.45	11.47	17.35	/	Pass
			P-80+40M- RU996+484+996	/	11.84	10.11	11.25	11.61	17.27	/	Pass
		6265	4xRU996	Left(70)	13.77	11.85	13.23	13.56	19.18	/	Pass
			RU26+52	/	-2.84	-4.86	-2.59	-2.89	2.81	/	Pass
			P-40M- RU484+996+2X996	/	13.18	10.97	12.33	12.69	18.39	/	Pass
			P-80M-RU996+2X996	/	12.41	10.55	11.97	12.19	17.86	/	Pass
			P-80+40M- RU996+484+996	/	11.60	9.22	10.81	10.79	16.71	/	Pass

3.1.2 EIRP

ENV	Mode	TX Type	Frequency (MHz)	RU	RU Pos	E.I.R.P (dBm)						Verdict
						ANT1	ANT2	ANT3	ANT4	MIMO	Limit	
NTNV	802.11be (EHT20)	MIMO	5955	RU26	Left(0)	-5.82	-6.84	-5.80	-6.28	5.88	<=30	Pass
				RU242	Left(61)	2.14	1.50	2.53	1.81	14.05	<=30	Pass
				RU26+52	/	-2.87	-3.94	-2.53	-3.36	8.90	<=30	Pass
			6175	RU26	Left(0)	-5.60	-6.39	-5.44	-5.47	6.33	<=30	Pass
				RU242	Left(61)	4.61	2.84	5.24	4.64	16.46	<=30	Pass
				RU26+52	/	-0.27	-2.11	0.36	0.04	11.64	<=30	Pass
			6415	RU26	Left(0)	-4.65	-5.14	-4.23	-4.66	7.38	<=30	Pass
				RU242	Left(61)	4.76	3.76	4.84	4.38	16.50	<=30	Pass
				RU26+52	/	-0.16	-1.05	0.13	-0.58	11.65	<=30	Pass
	802.11be (EHT40)	MIMO	5965	RU26	Left(0)	-8.68	-9.86	-8.28	-9.51	3.00	<=30	Pass
				RU484	Left(65)	4.04	3.62	4.76	3.43	16.03	<=30	Pass
				RU26+52	/	-3.82	-4.86	-4.03	-4.87	7.67	<=30	Pass
			6165	RU26	Left(0)	-6.16	-6.94	-5.84	-5.40	5.99	<=30	Pass
				RU484	Left(65)	6.04	4.52	6.67	6.29	17.99	<=30	Pass
				RU26+52	/	-1.01	-2.88	-1.01	-0.78	10.70	<=30	Pass
			6405	RU26	Left(0)	-5.00	-5.75	-4.42	-5.32	6.95	<=30	Pass
				RU484	Left(65)	7.42	6.42	7.58	7.06	19.18	<=30	Pass
				RU26+52	/	-0.05	-1.49	-0.15	-0.80	11.46	<=30	Pass
	802.11be (EHT80)	MIMO	5985	RU26	Left(0)	-9.50	-	-9.14	-	2.19	<=30	Pass
				RU996	Left(67)	7.16	6.68	7.34	6.71	19.02	<=30	Pass
				RU26+52	/	-4.40	-5.36	-4.54	-5.08	7.21	<=30	Pass
				P-20M-RU242+484	/	6.08	5.38	6.18	5.55	17.85	<=30	Pass
			6145	RU26	Left(0)	-5.50	-7.30	-7.34	-6.42	5.47	<=30	Pass
				RU996	Left(67)	9.63	7.54	8.78	8.87	20.81	<=30	Pass
				RU26+52	/	-0.53	-2.53	-1.30	-1.09	10.74	<=30	Pass
				P-20M-RU242+484	/	7.88	6.04	7.59	7.54	19.36	<=30	Pass
			6385	RU26	Left(0)	-4.85	-5.95	-5.35	-5.30	6.70	<=30	Pass
				RU996	Left(67)	10.13	8.86	9.89	9.72	21.72	<=30	Pass
				RU26+52	/	-0.08	-1.45	-1.22	-0.32	11.31	<=30	Pass
				P-20M-RU242+484	/	9.08	7.89	8.76	8.46	20.61	<=30	Pass
	802.11be (EHT160)	MIMO	6025	RU996	Left(67)	8.02	7.60	8.29	7.77	19.97	<=30	Pass
				2xRU996	Left(68)	11.45	10.45	11.28	7.93	22.52	<=30	Pass
				RU26+52	/	-3.65	-4.52	-3.71	-4.24	8.03	<=30	Pass

802.11be (EHT320)	MIMO	6185	P-20M- RU242+484+996	/	11.44	10.46	10.85	11.38	23.09	<=30	Pass
			P-40M-RU484+996	/	10.46	9.56	9.99	10.33	22.14	<=30	Pass
			RU996	Left(67)	10.31	8.60	10.01	10.19	21.87	<=30	Pass
			2xRU996	Left(68)	12.73	10.54	12.27	12.06	24.01	<=30	Pass
			RU26+52	/	0.75	-1.51	-0.21	-0.23	11.81	<=30	Pass
			P-20M- RU242+484+996	/	12.16	10.01	11.82	11.69	23.54	<=30	Pass
			P-40M-RU484+996	/	11.77	9.70	11.30	11.43	23.16	<=30	Pass
			RU996	Left(67)	10.80	8.47	9.51	9.95	21.80	<=30	Pass
			2xRU996	Left(68)	13.36	11.33	12.34	12.63	24.52	<=30	Pass
			RU26+52	/	-0.22	-2.51	-1.12	-0.74	10.97	<=30	Pass
			P-20M- RU242+484+996	/	13.07	11.13	12.18	12.38	24.29	<=30	Pass
			P-40M-RU484+996	/	12.49	10.37	11.36	11.59	23.56	<=30	Pass
		6345	4xRU996	Left(70)	15.70	14.19	15.30	15.70	27.31	<=30	Pass
			RU26+52	/	0.37	-0.42	-0.75	-0.03	11.85	<=30	Pass
			P-40M- RU484+996+2X996	/	15.11	13.43	14.60	14.83	26.58	<=30	Pass
			P-80M-RU996+2X996	/	14.33	12.97	13.95	13.97	25.87	<=30	Pass
			P-80+40M- RU996+484+996	/	14.34	12.61	13.75	14.11	25.79	<=30	Pass
		6265	4xRU996	Left(70)	16.27	14.35	15.73	16.06	27.70	<=30	Pass
			RU26+52	/	-0.34	-2.36	-0.09	-0.39	11.33	<=30	Pass
			P-40M- RU484+996+2X996	/	15.68	13.47	14.83	15.19	26.91	<=30	Pass
			P-80M-RU996+2X996	/	14.91	13.05	14.47	14.69	26.38	<=30	Pass
			P-80+40M- RU996+484+996	/	14.10	11.72	13.31	13.29	25.23	<=30	Pass

Note1: Antenna Gain:

- Band: 6 Ant1: 2.50dBi;
- Band: 7 Ant1: 2.50dBi;
- Band: 8 Ant1: 2.50dBi;
- Band: 6+7 Ant1: 2.50dBi;
- Band: 7+8 Ant1: 2.50dBi;
- Band: 5 Ant1: 2.50dBi;
- Band: 6 Ant2: 2.50dBi;
- Band: 7 Ant2: 2.50dBi;
- Band: 8 Ant2: 2.50dBi;
- Band: 6+7 Ant2: 2.50dBi;
- Band: 7+8 Ant2: 2.50dBi;
- Band: 5 Ant2: 2.50dBi;
- Band: 6 Ant3: 2.50dBi;
- Band: 7 Ant3: 2.50dBi;
- Band: 8 Ant3: 2.50dBi;
- Band: 6+7 Ant3: 2.50dBi;
- Band: 5 Ant4: 2.50dBi;
- Band: 6 Ant4: 2.50dBi;
- Band: 7 Ant4: 2.50dBi;
- Band: 8 Ant4: 2.50dBi;
- Band: 6+7 Ant4: 2.50dBi;
- Band: 7+8 Ant4: 2.50dBi;

As for MIMO with Beamforming, the directional gain is 8.52dBi, applicable for modes 802.11ax/be

Note2: E.I.R.P = Measured Power + Antenna Gain

Note3: The Duty Cycle Factor is compensated in the tables.