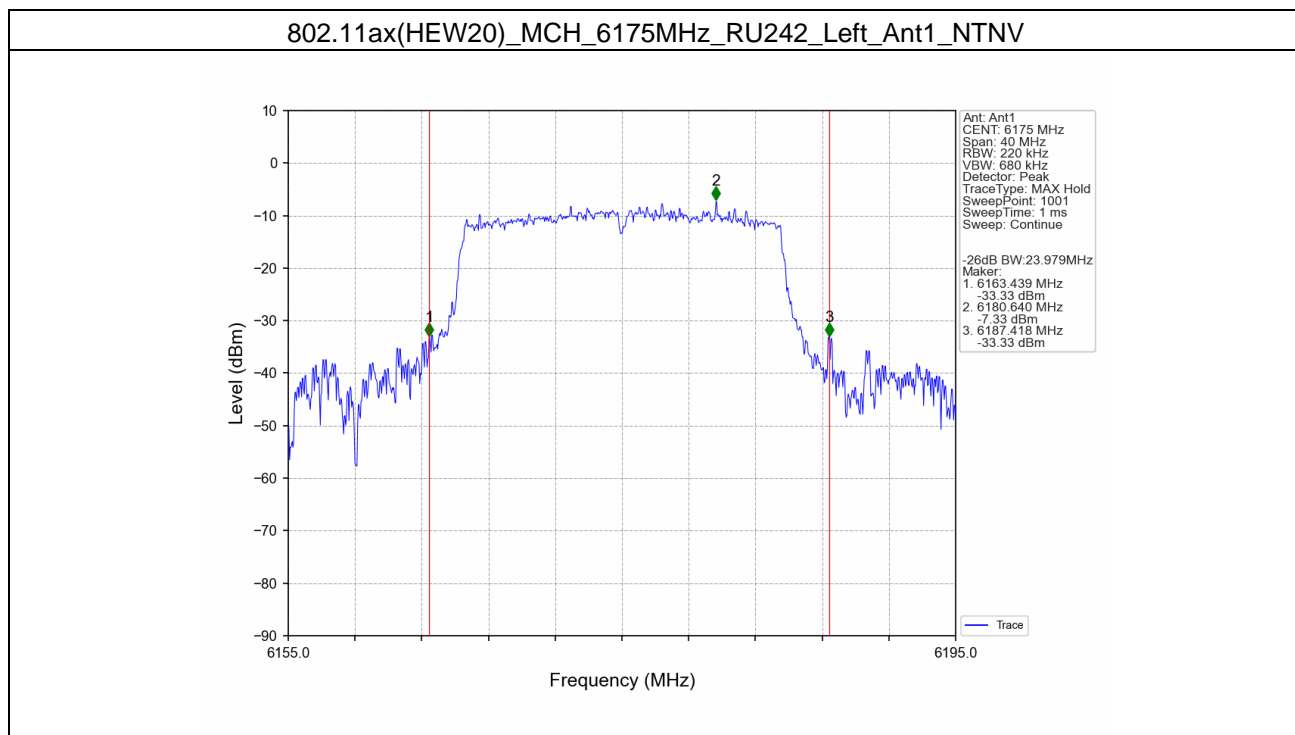
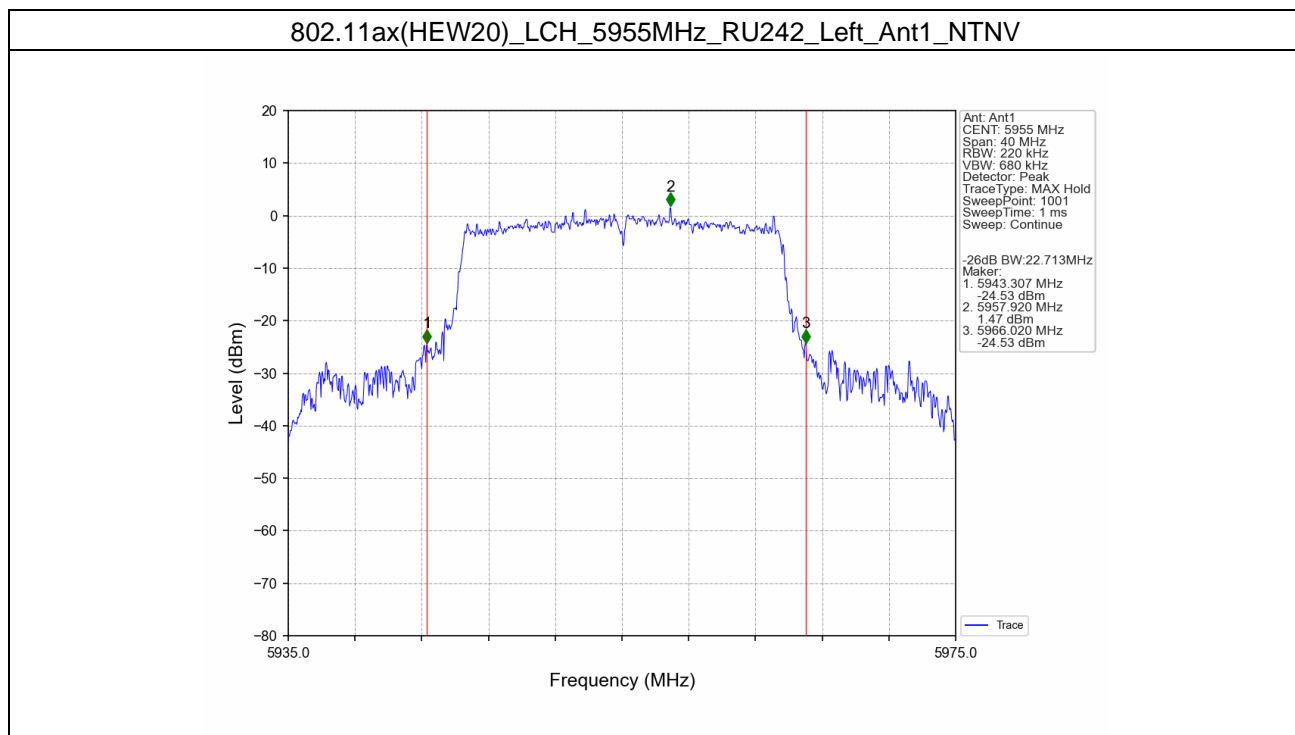
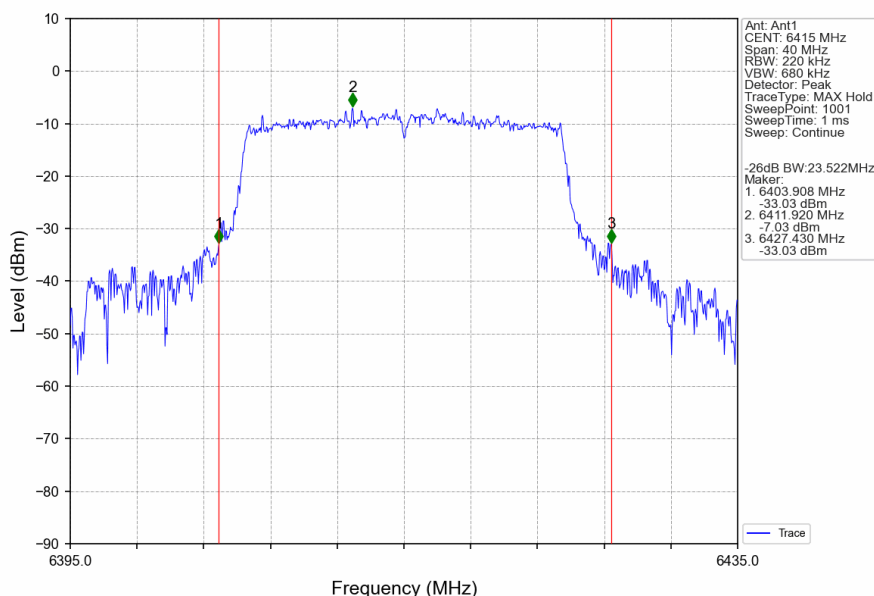


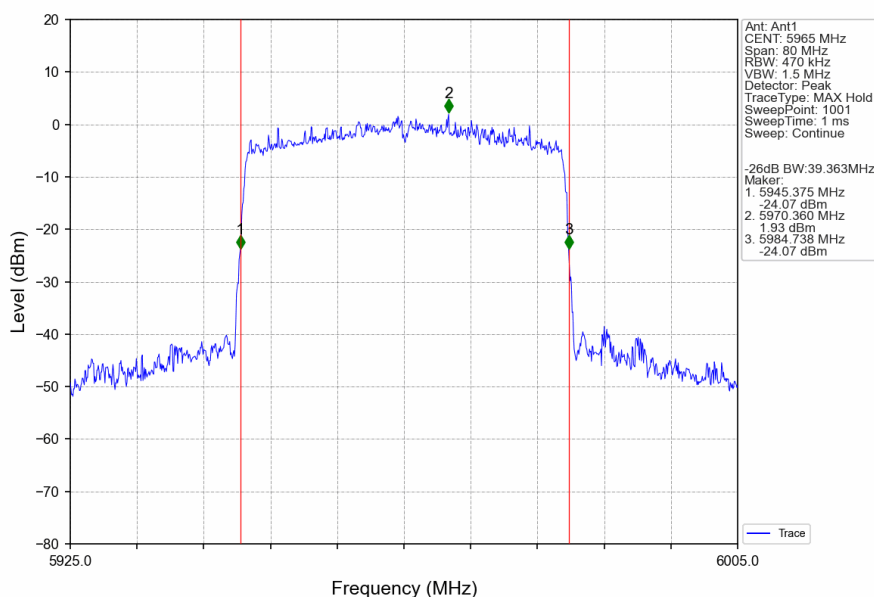
2.2.2 26dB BW



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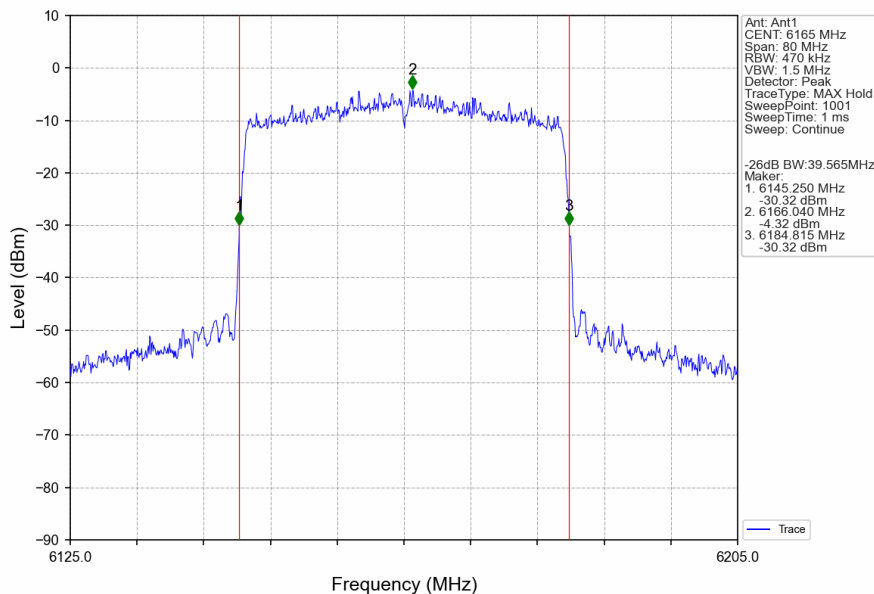


802.11ax(HEW40)_LCH_5965MHz_RU484_Left_Ant1_NTNV

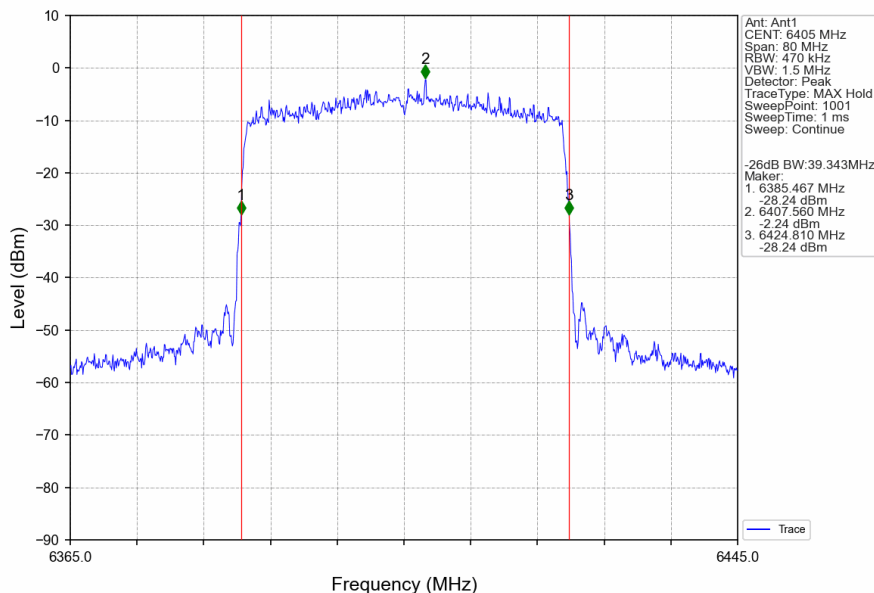


802.11ax(HEW40)_MCH_6165MHz_RU484_Left_Ant1_NTNV

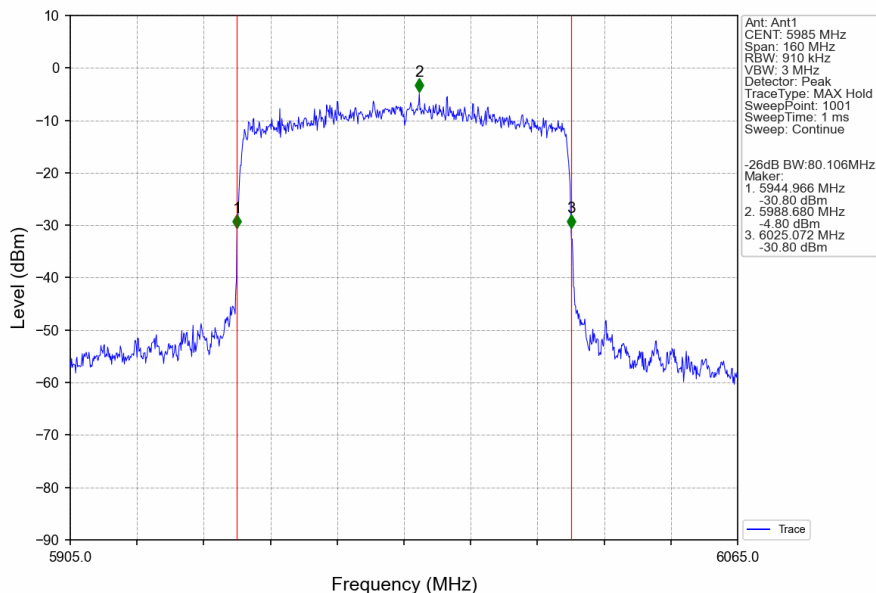




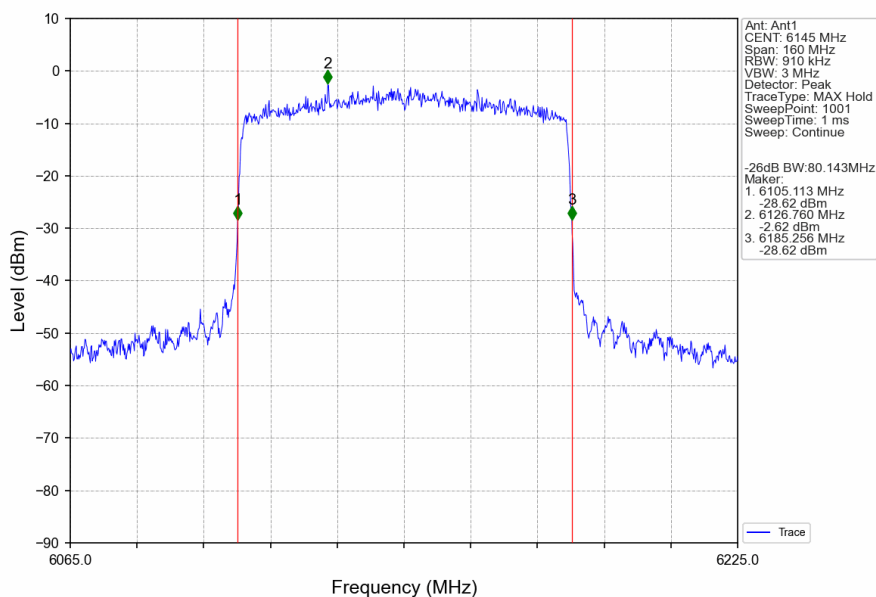
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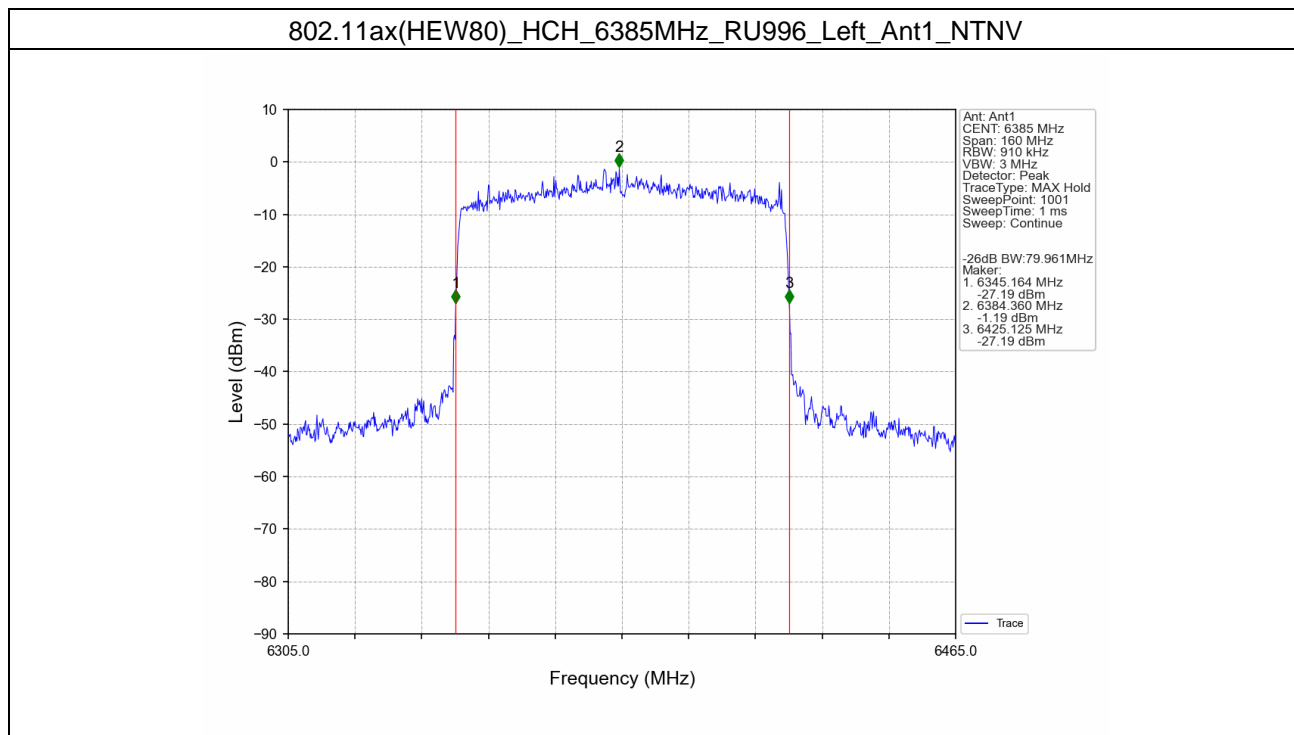


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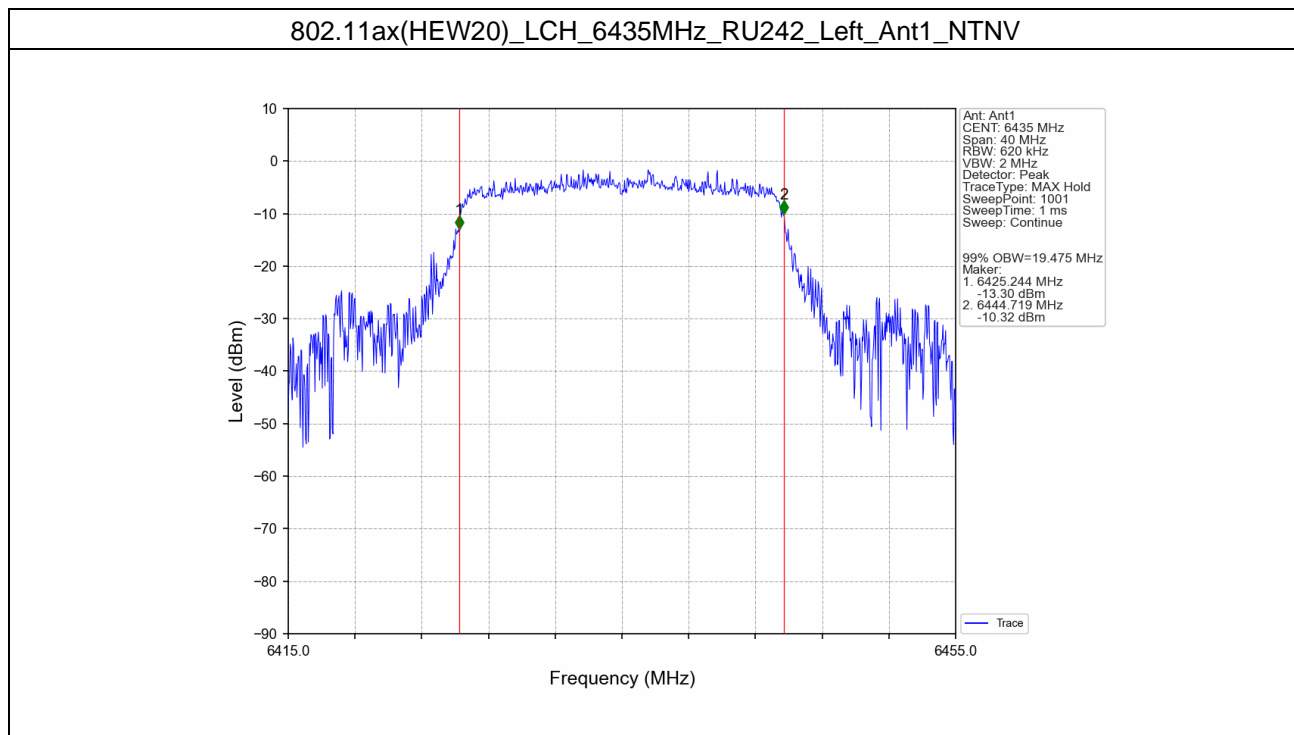


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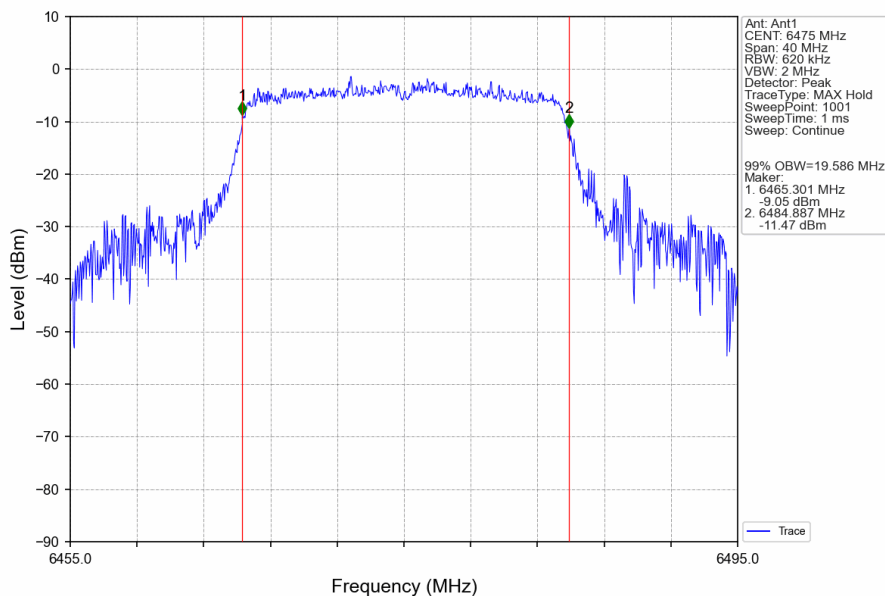




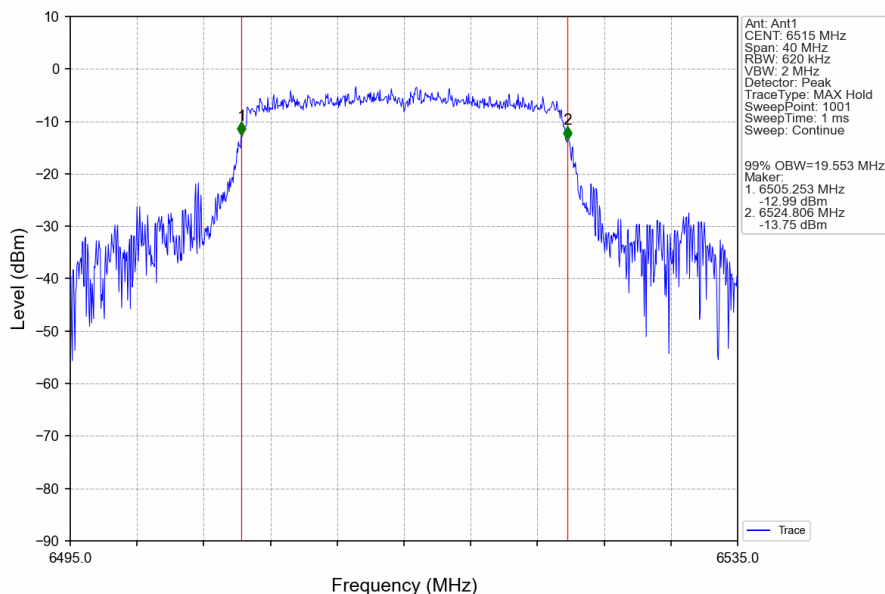
2.2.3 OBW



802.11ax(HEW20)_MCH_6475MHz_RU242_Left_Ant1_NTNV



802.11ax(HEW20)_HCH_6515MHz_RU242_Left_Ant1_NTNV

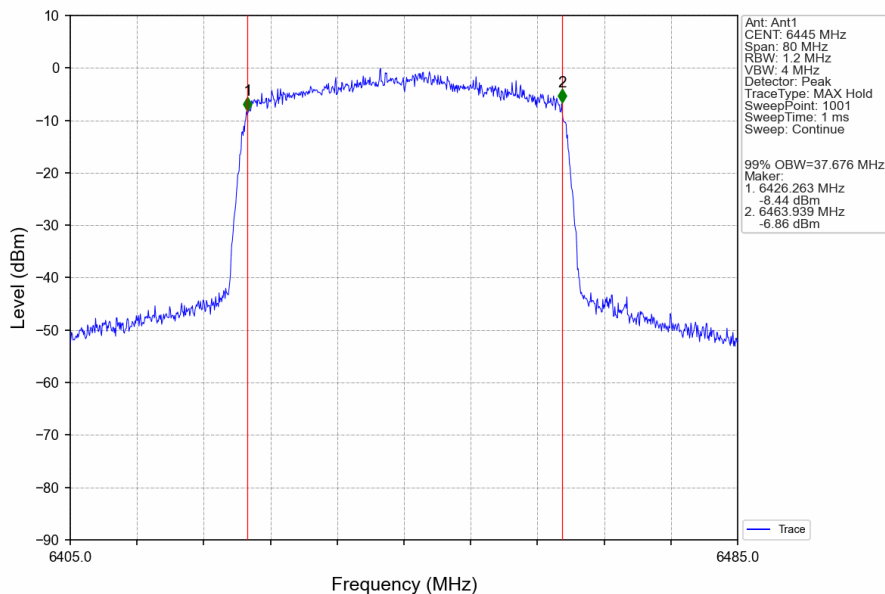


802.11ax(HEW40)_LCH_6445MHz_RU484_Left_Ant1_NTNV

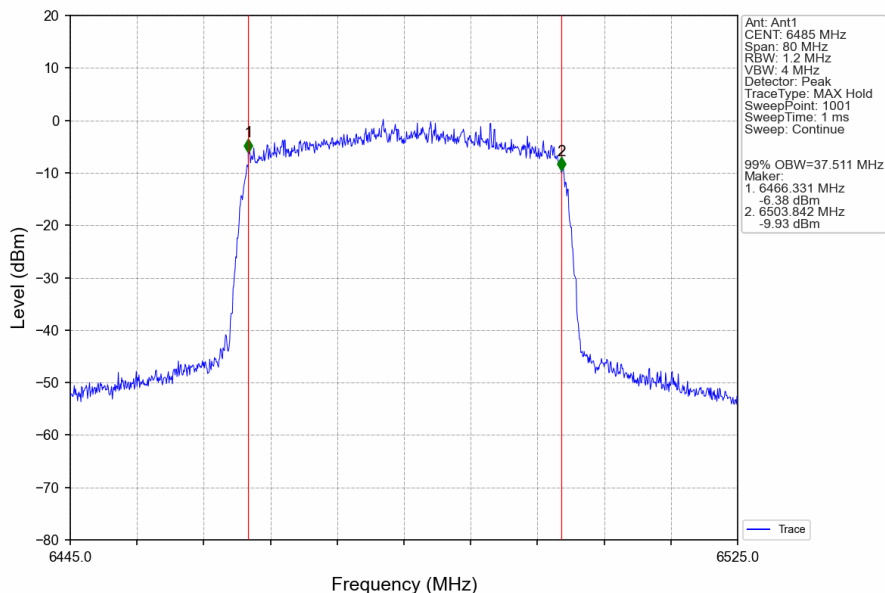


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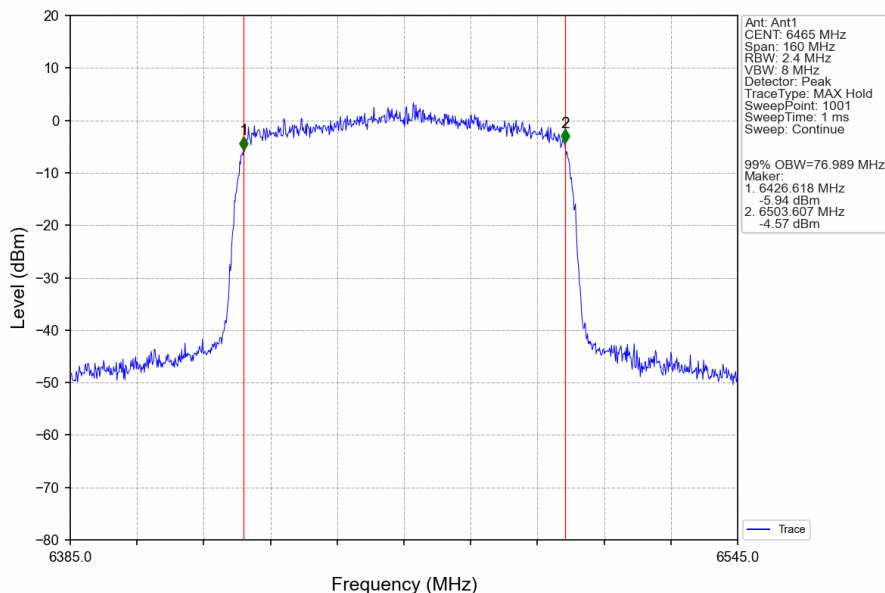
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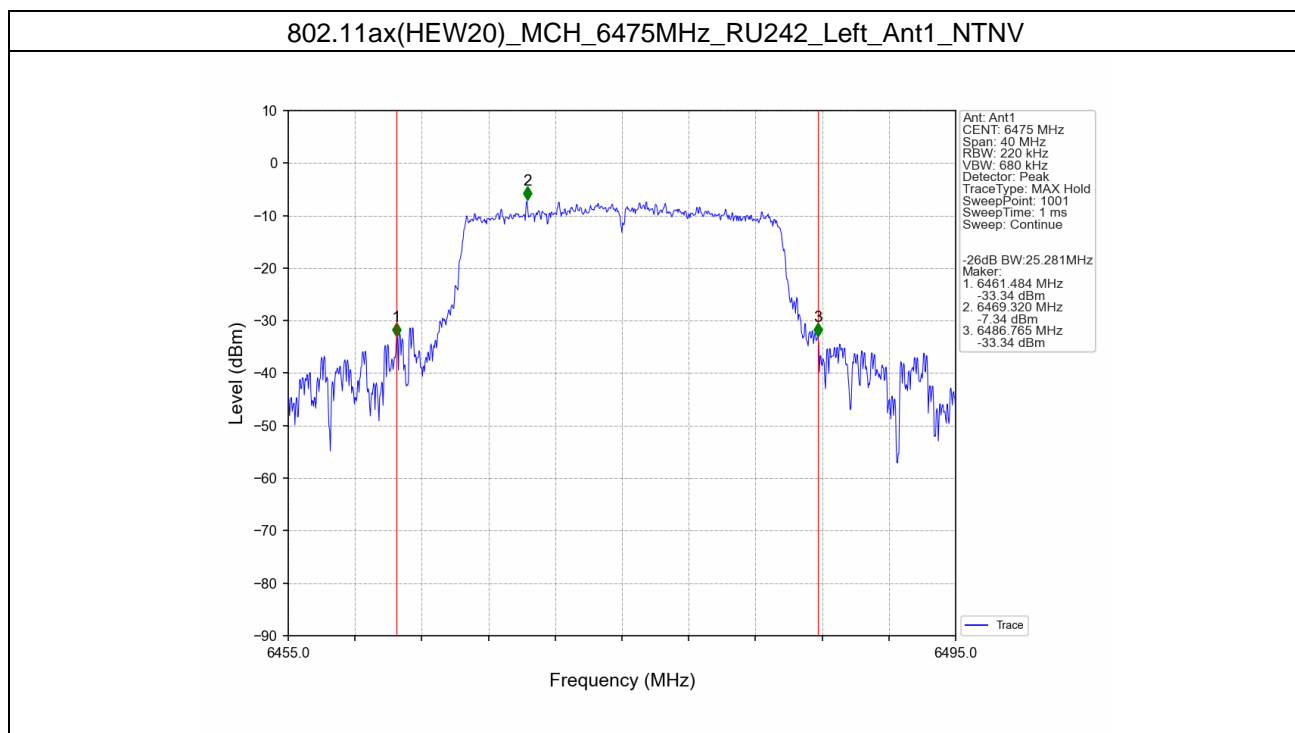
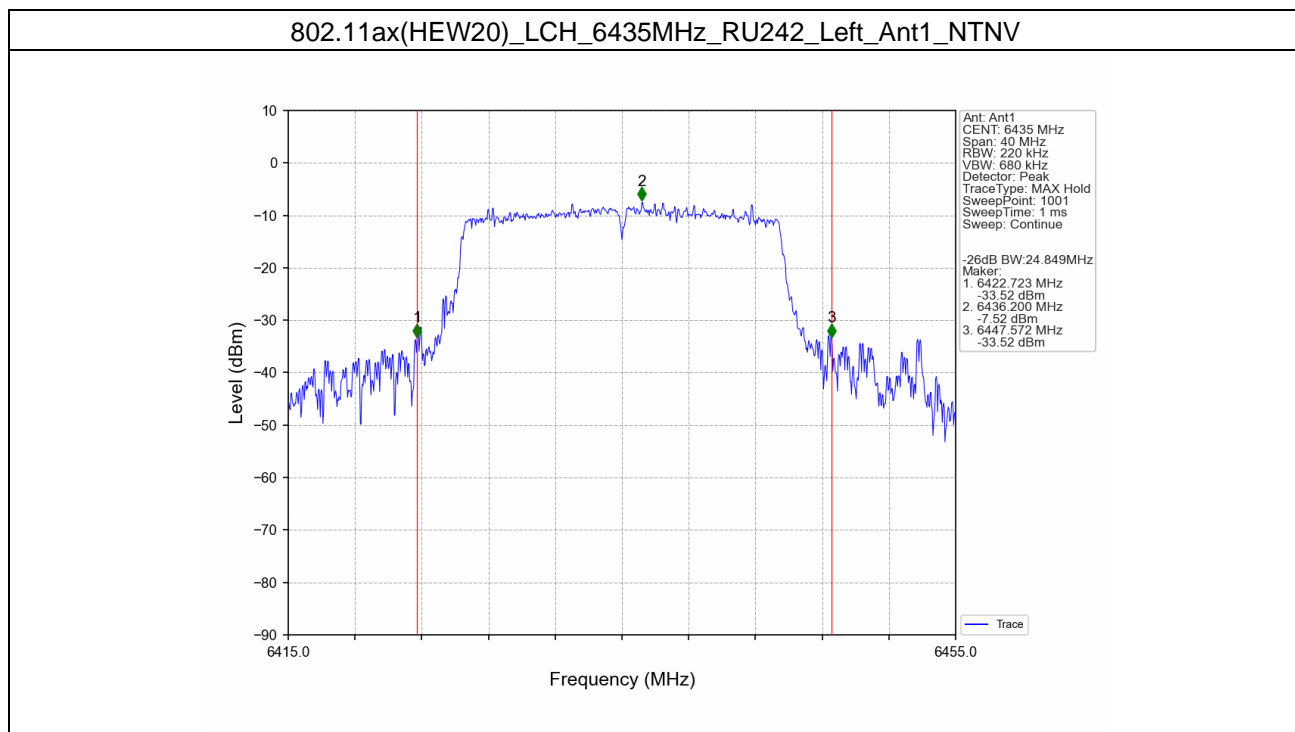
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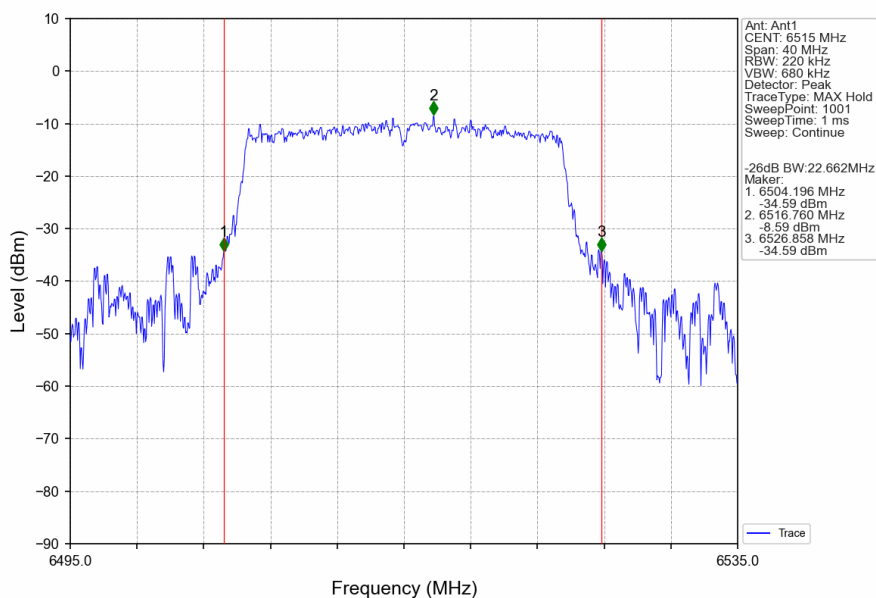
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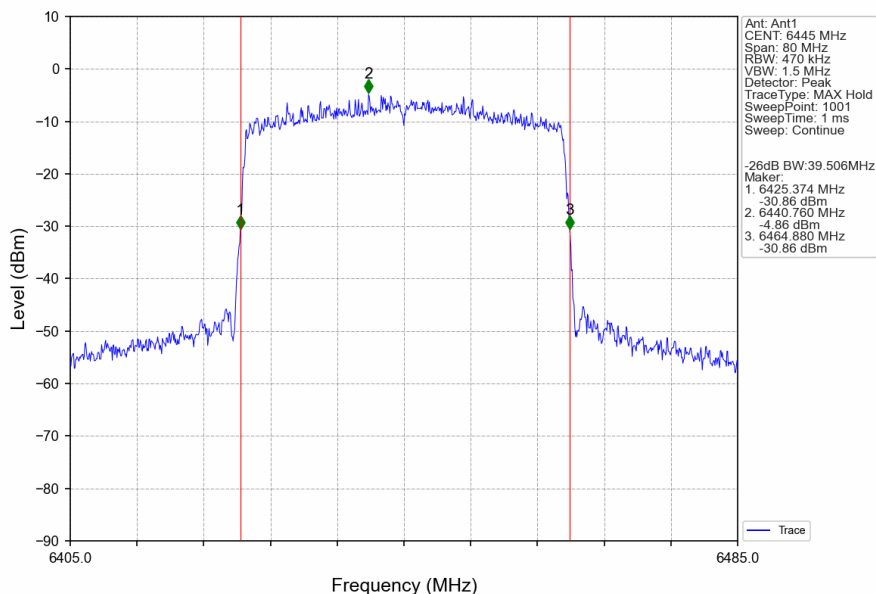
2.2.4 26dB BW



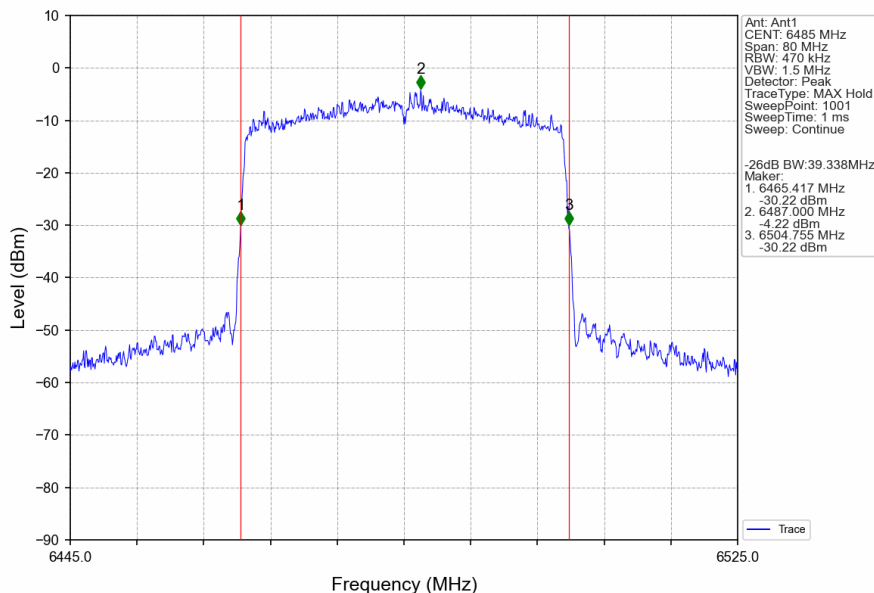
802.11ax(HEW20)_HCH_6515MHz_RU242_Left_Ant1_NTNV



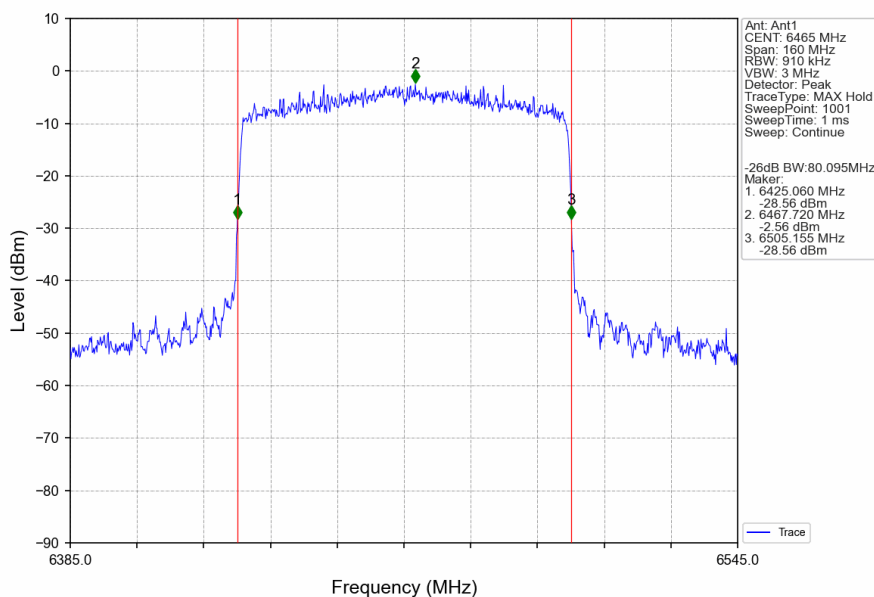
802.11ax(HEW40)_LCH_6445MHz_RU484_Left_Ant1_NTNV



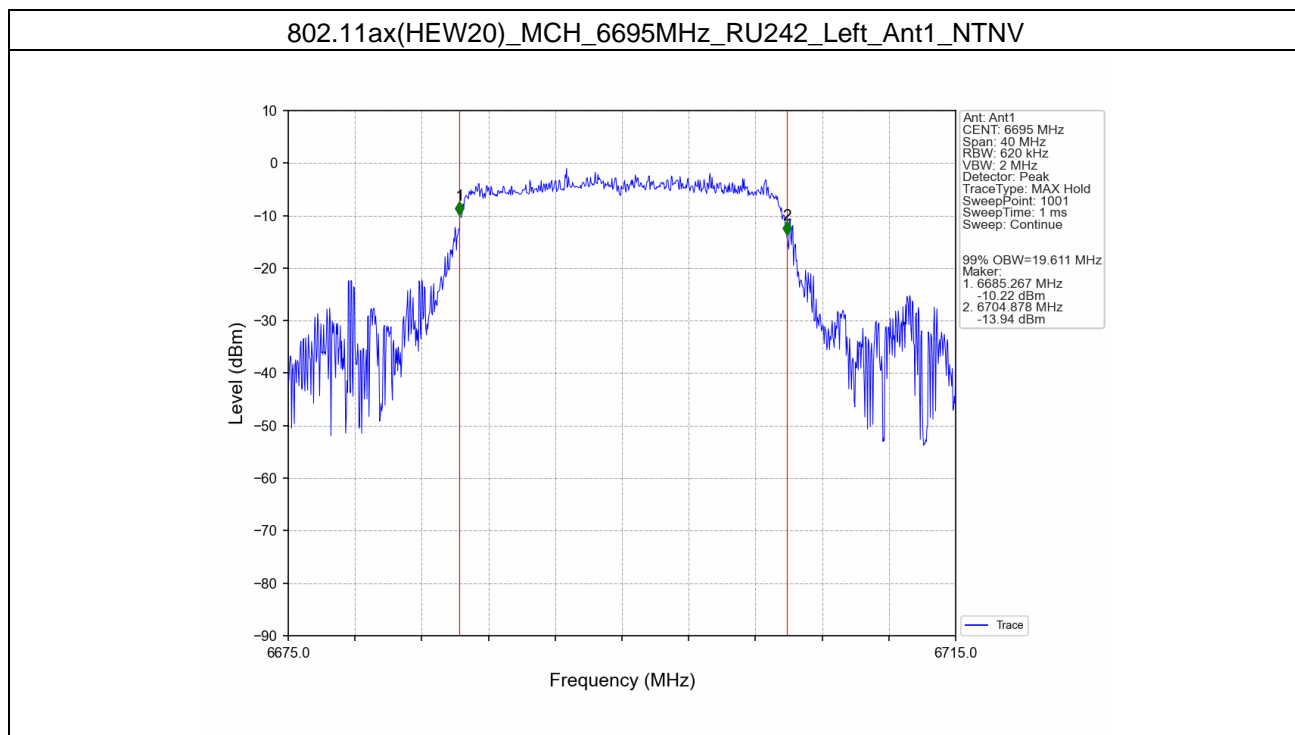
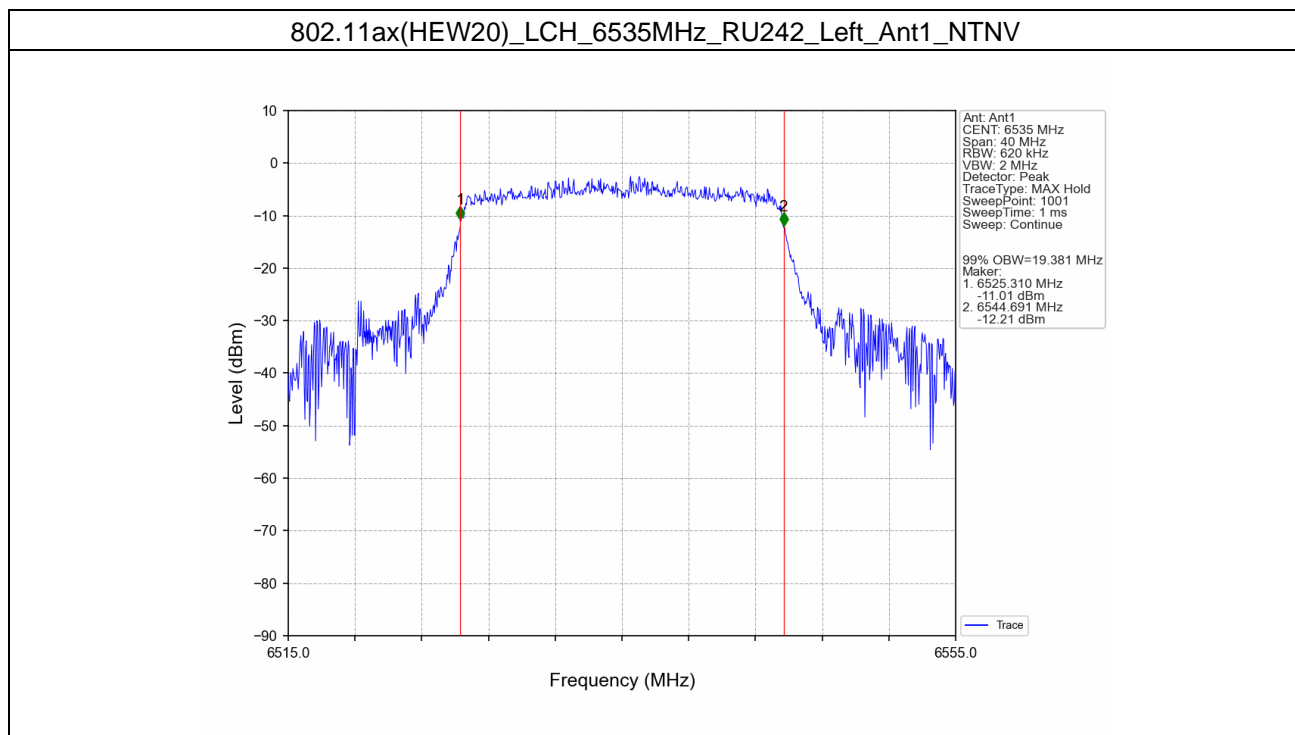
802.11ax(HEW40)_MCH_6485MHz_RU484_Left_Ant1_NTNV



802.11ax(HEW80)_LCH_6465MHz_RU996_Left_Ant1_NTNV



2.2.5 OBW

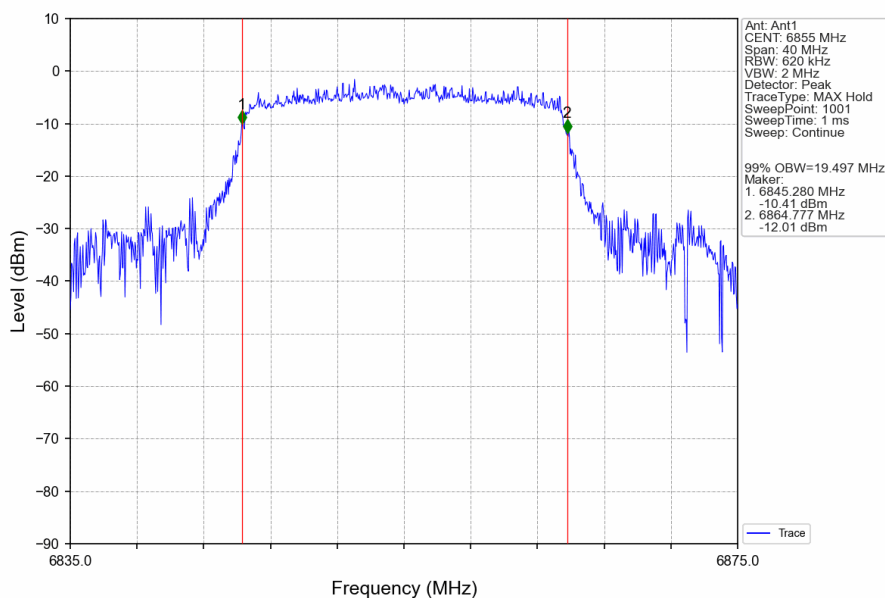


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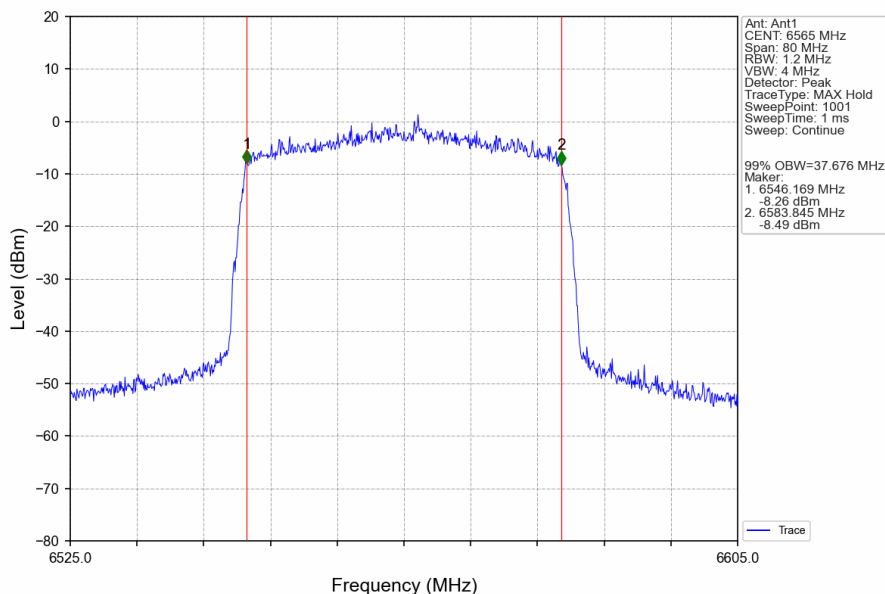
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802.11ax(HEW20)_HCH_6855MHz_RU242_Left_Ant1_NTNV



802.11ax(HEW40)_LCH_6565MHz_RU484_Left_Ant1_NTNV



802.11ax(HEW40)_MCH_6685MHz_RU484_Left_Ant1_NTNV

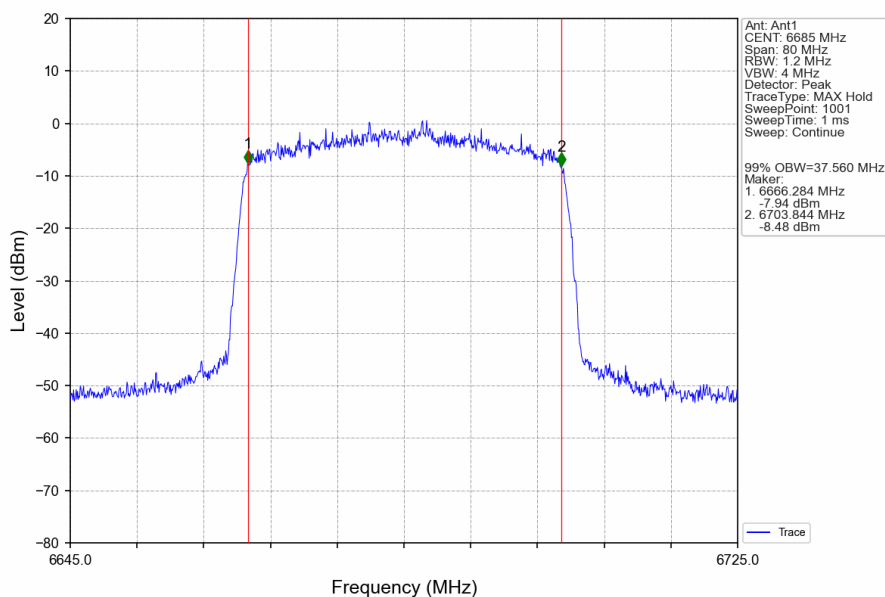


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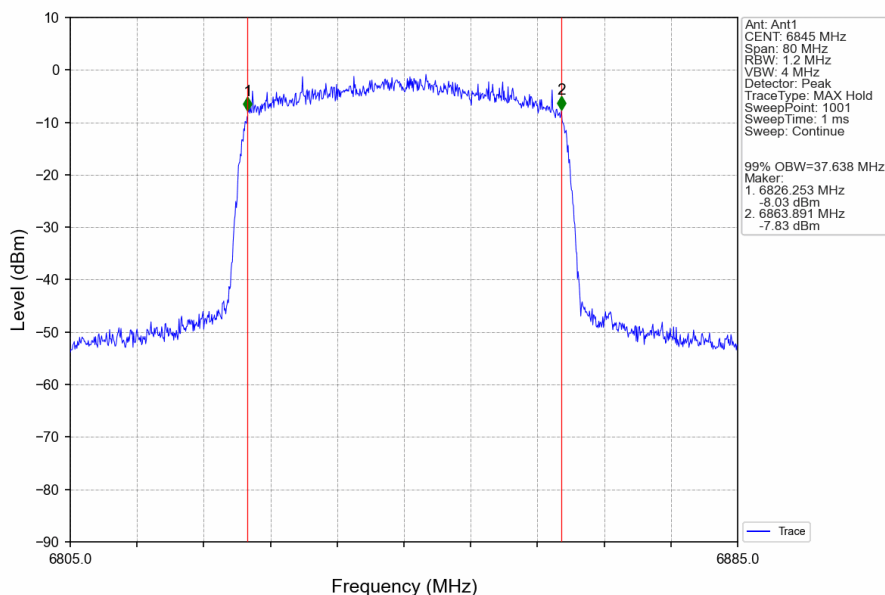
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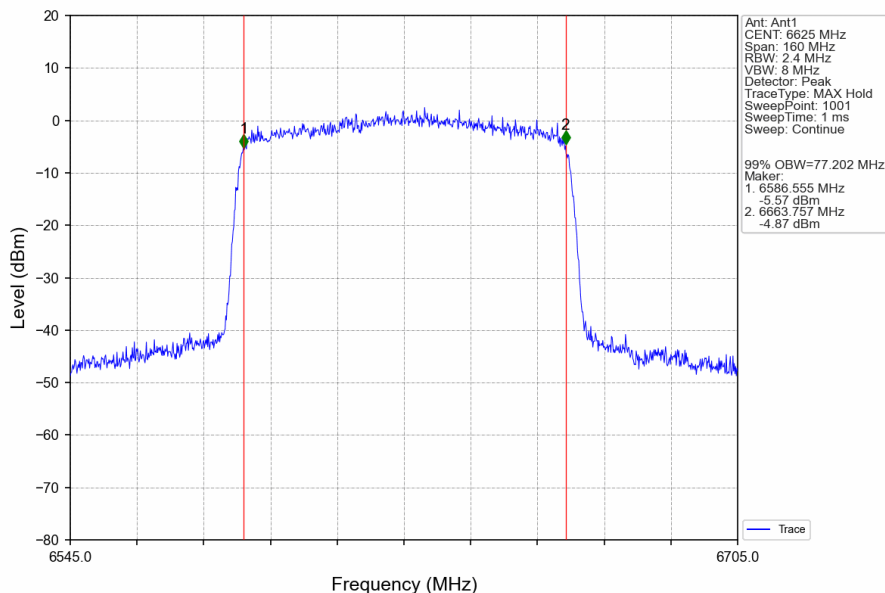
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgs.com.cn
中国·广东·深圳市南山区科技园中区M-10栋1号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com



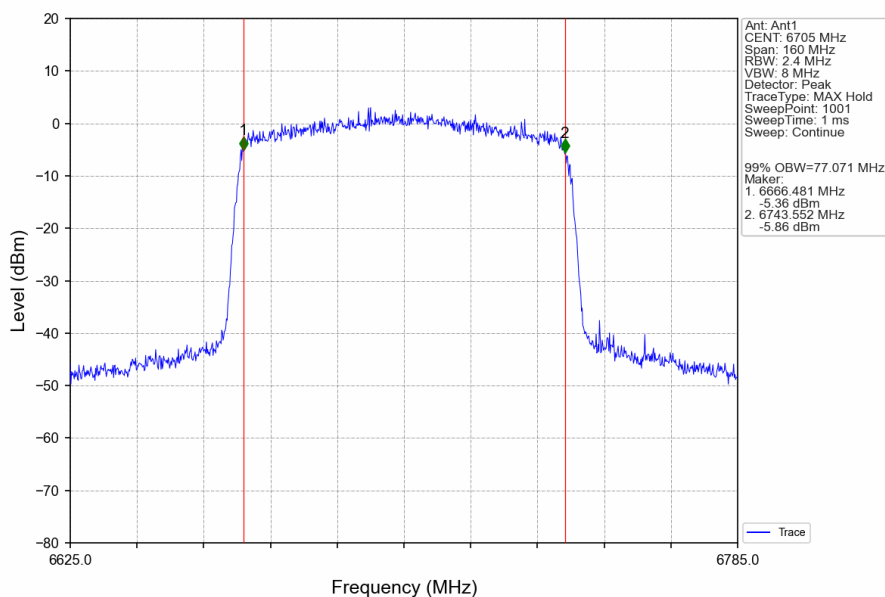
802.11ax(HEW40)_HCH_6845MHz_RU484_Left_Ant1_NTNV



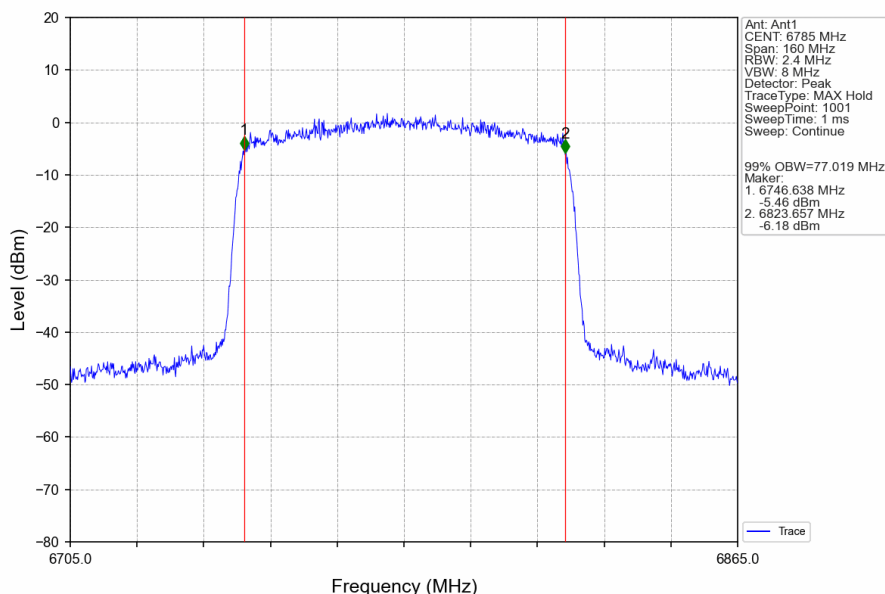
802.11ax(HEW80)_LCH_6625MHz_RU996_Left_Ant1_NTNV



802.11ax(HEW80)_MCH_6705MHz_RU996_Left_Ant1_NTNV

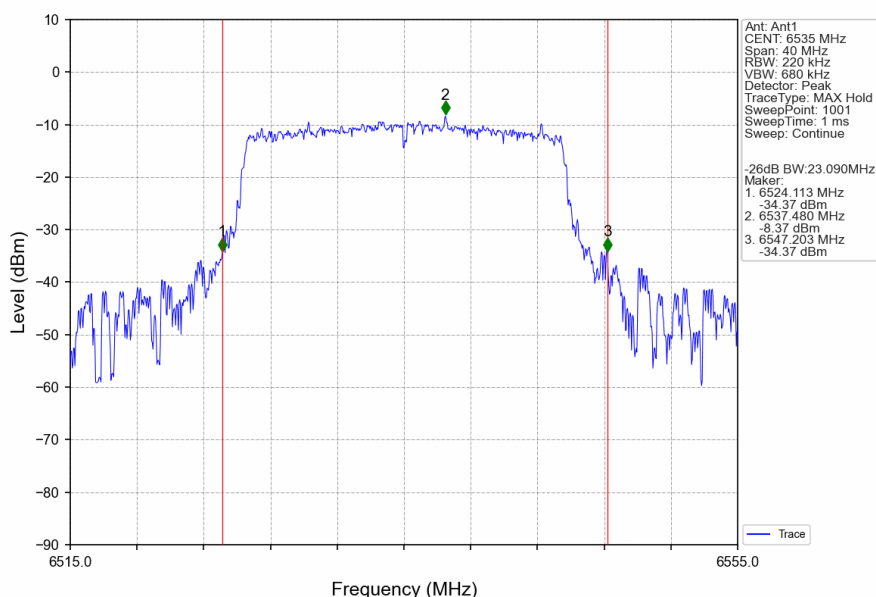


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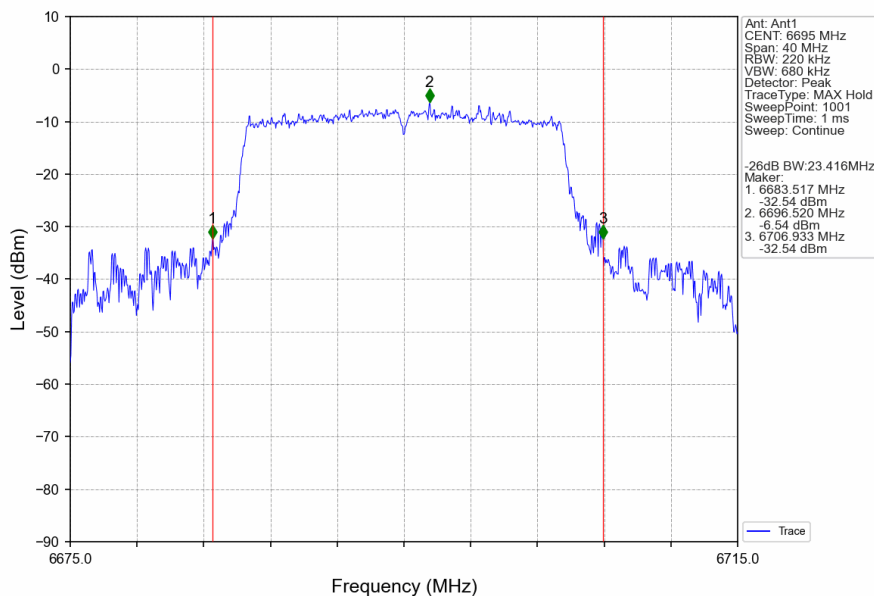


2.2.6 26dB BW

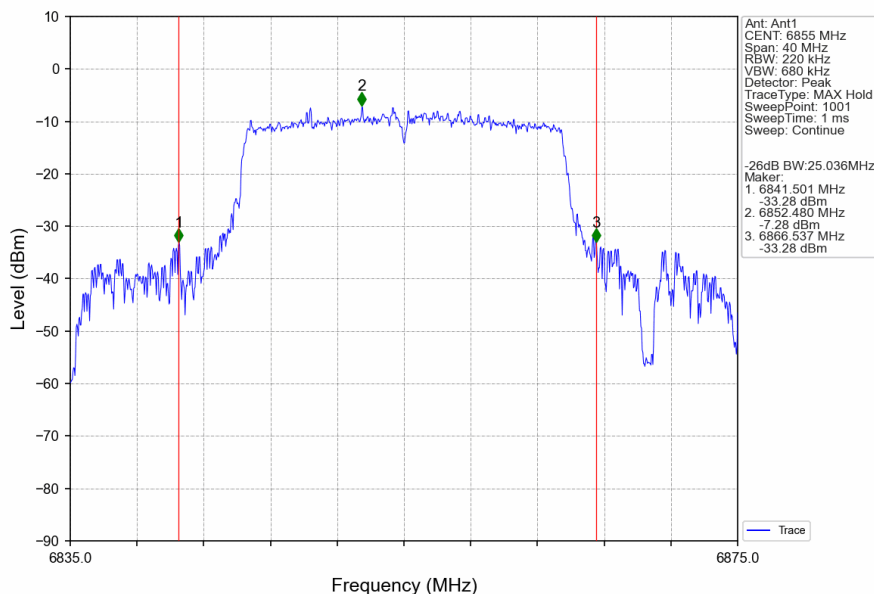
802.11ax(HEW20)_LCH_6535MHz_RU242_Left_Ant1_NTNV



802.11ax(HEW20)_MCH_6695MHz_RU242_Left_Ant1_NTNV

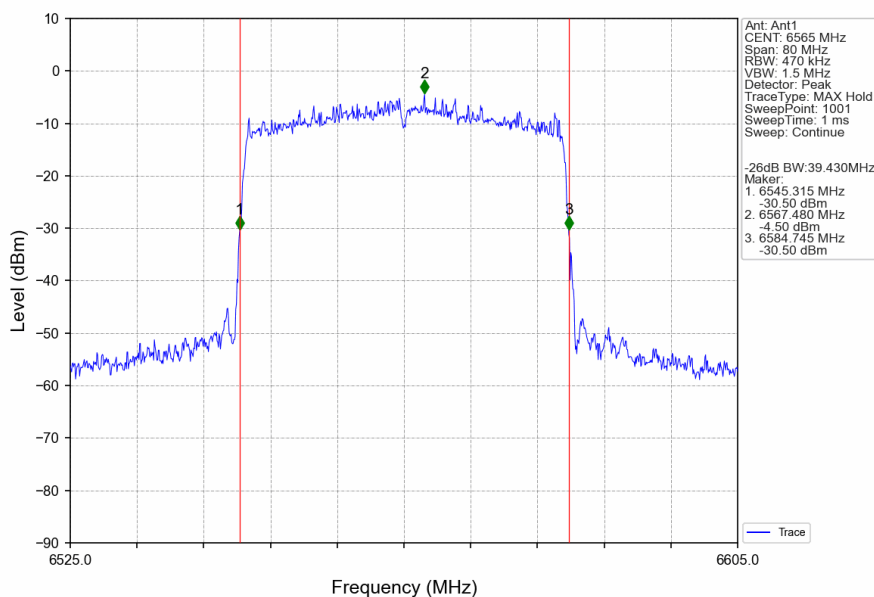


802.11ax(HEW20)_HCH_6855MHz_RU242_Left_Ant1_NTNV

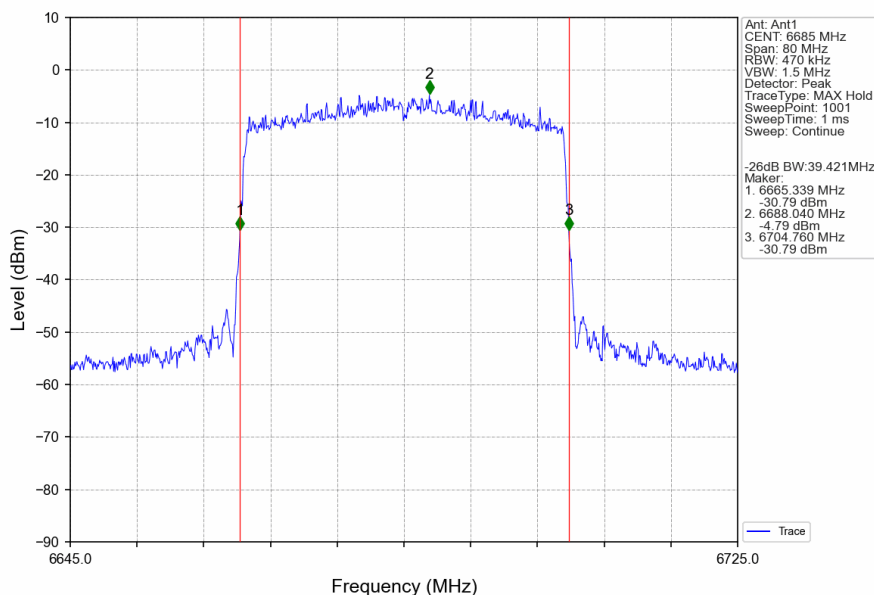


802.11ax(HEW40)_LCH_6565MHz_RU484_Left_Ant1_NTNV

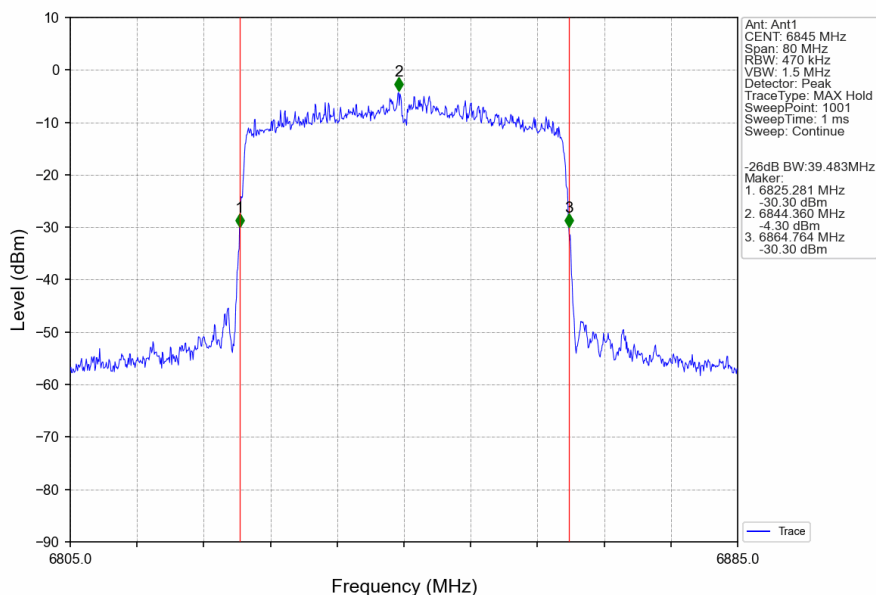




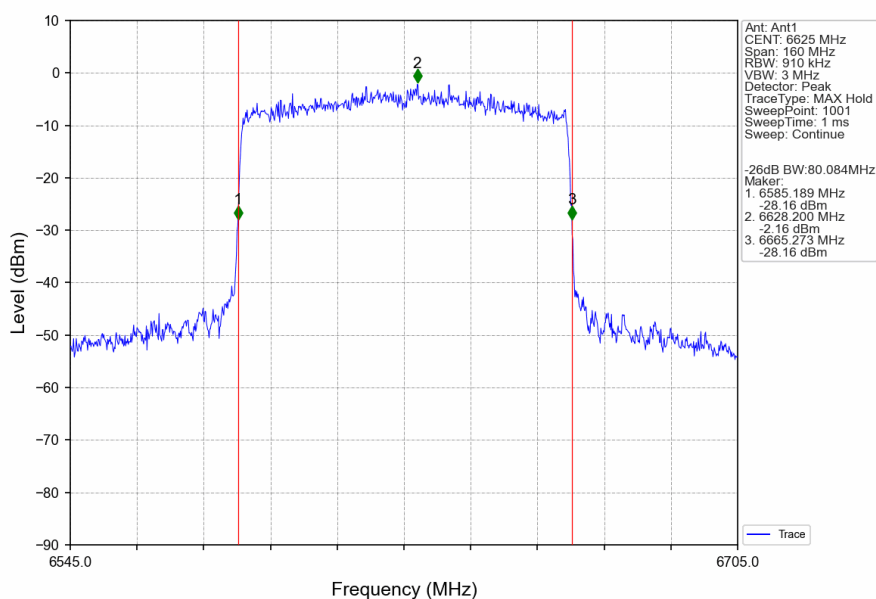
802.11ax(HEW40)_MCH_6685MHz_RU484_Left_Ant1_NTNV



802.11ax(HEW40)_HCH_6845MHz_RU484_Left_Ant1_NTNV



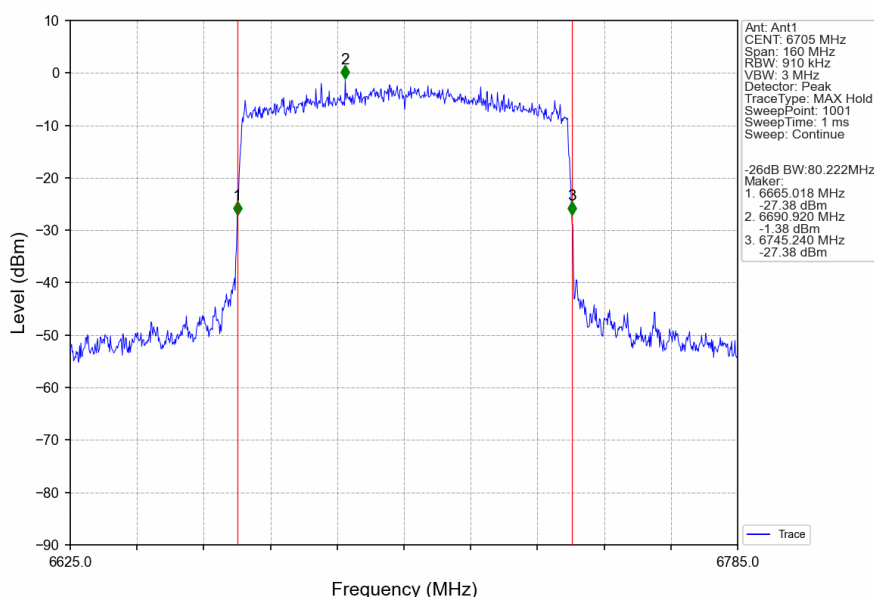
802.11ax(HEW80)_LCH_6625MHz_RU996_Left_Ant1_NTNV



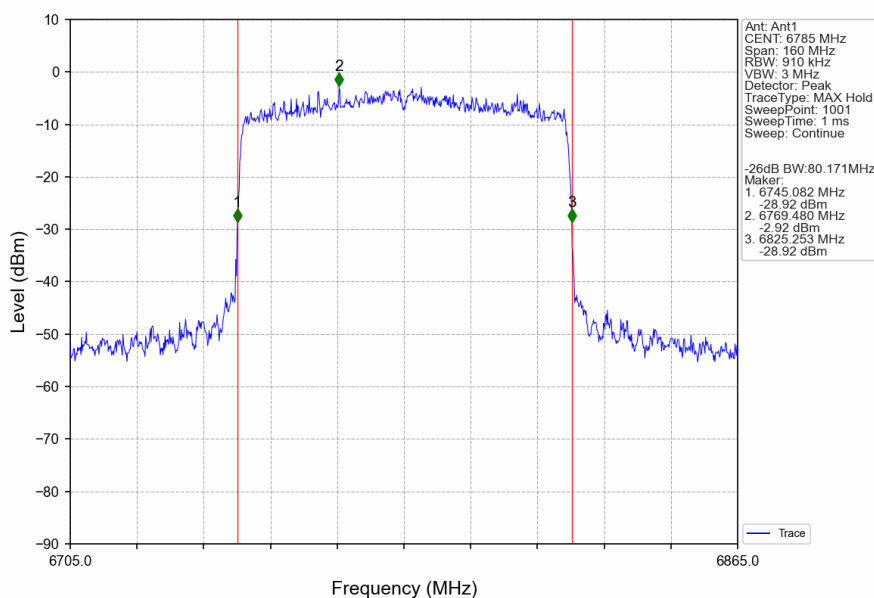
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802.11ax(HEW80)_MCH_6705MHz_RU996_Left_Ant1_NTNV



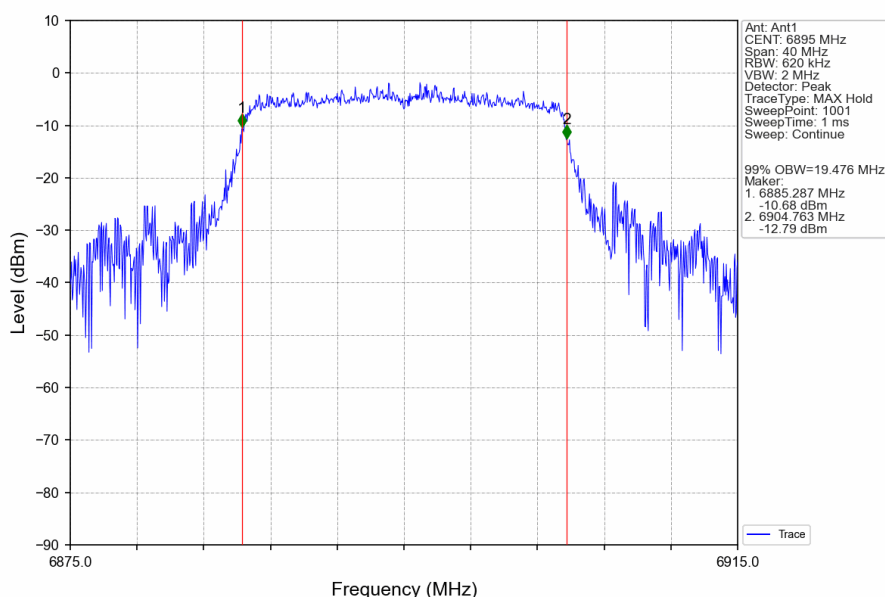
802.11ax(HEW80)_HCH_6785MHz_RU996_Left_Ant1_NTNV



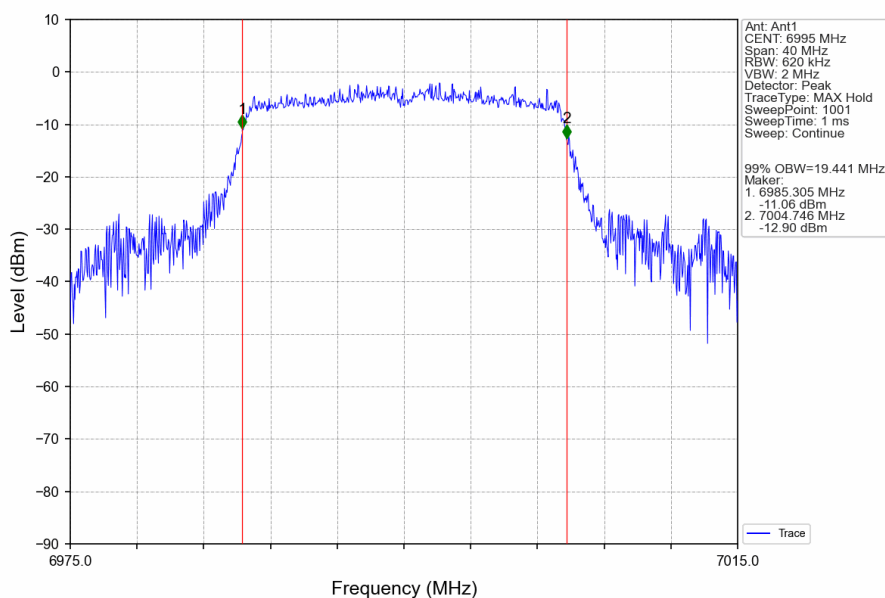
2.2.7 OBW



802.11ax(HEW20)_LCH_6895MHz_RU242_Left_Ant1_NTNV

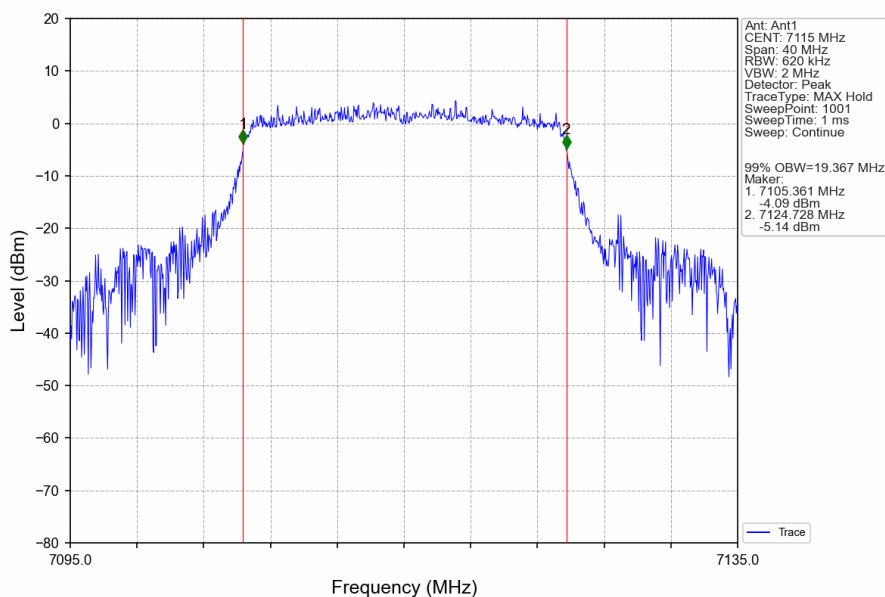


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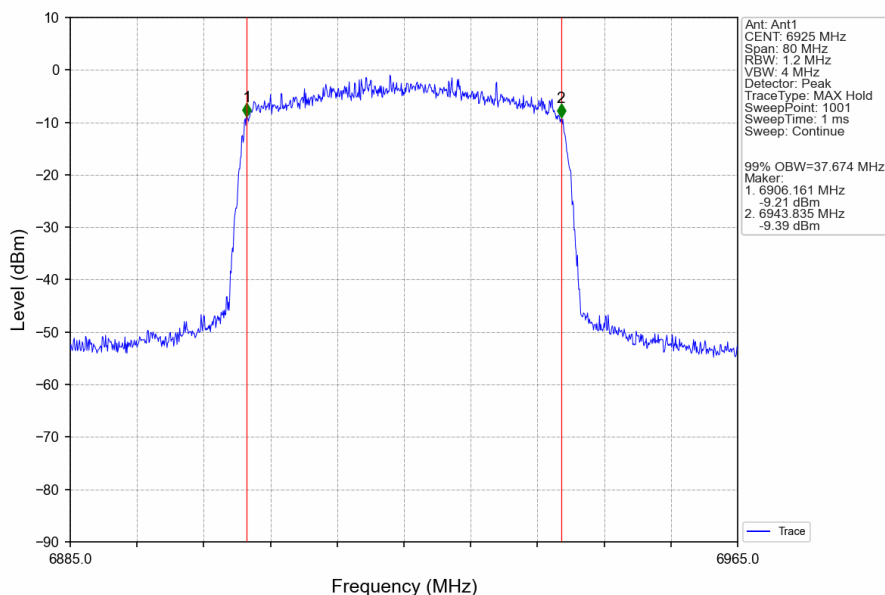


802.11ax(HEW20)_HCH_7115MHz_RU242_Left_Ant1_NTNV

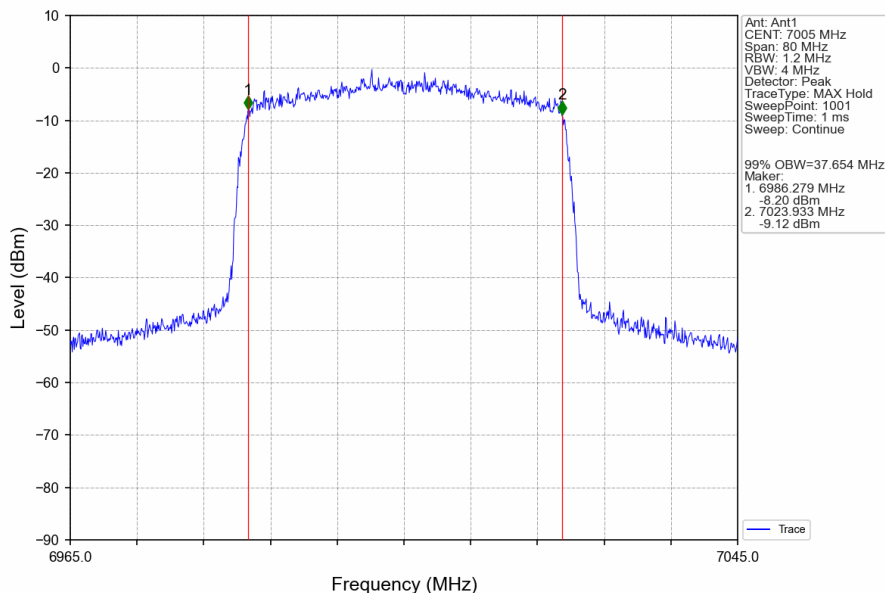




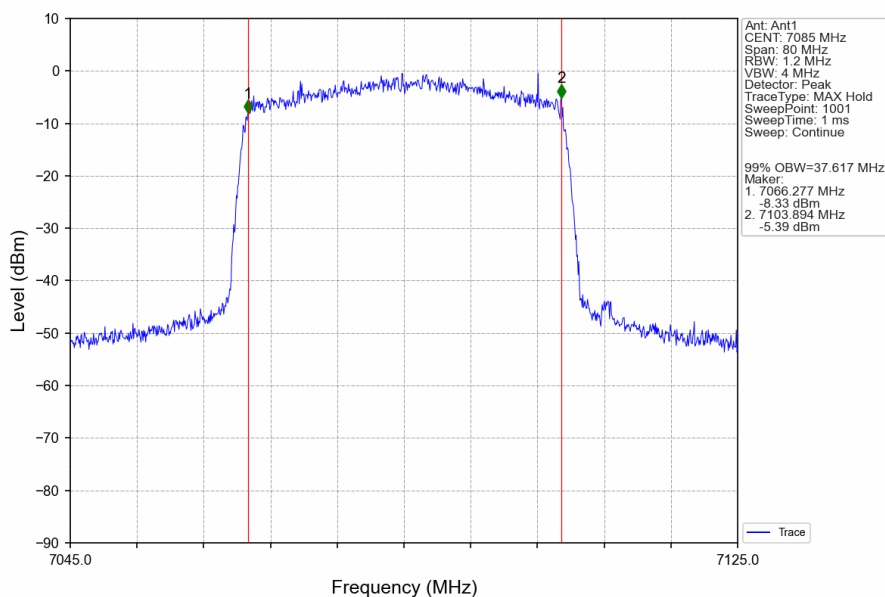
802.11ax(HEW40)_LCH_6925MHz_RU484_Left_Ant1_NTNV



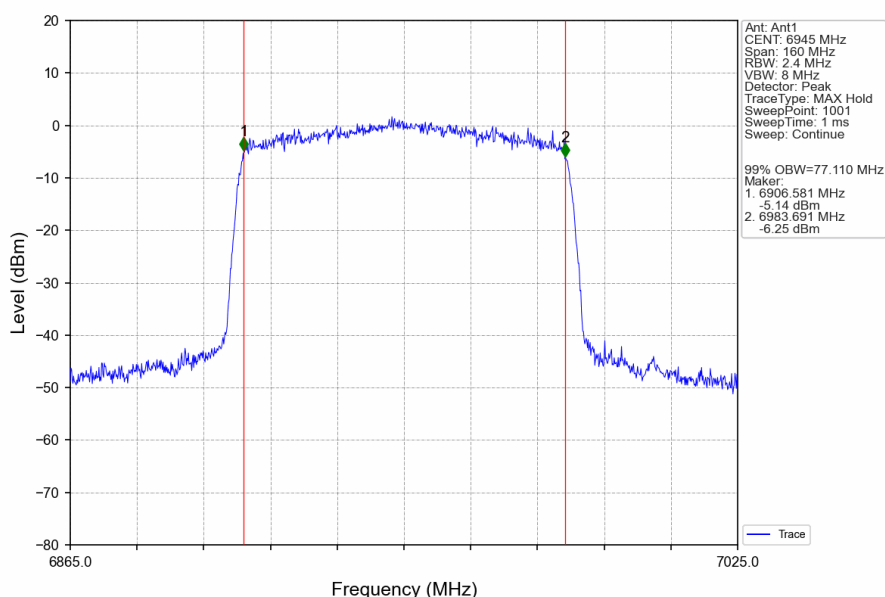
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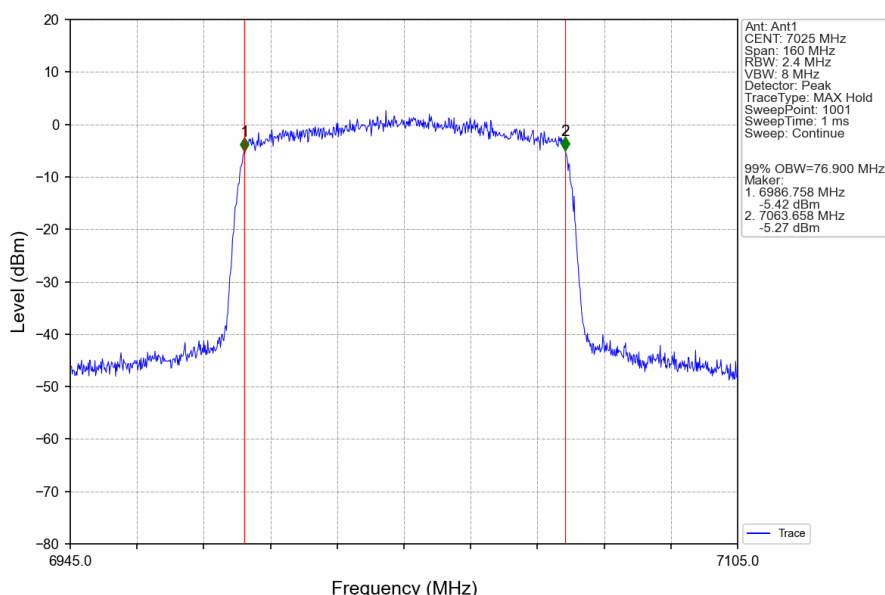
802.11ax(HEW40)_HCH_7085MHz_RU484_Left_Ant1_NTNV



802.11ax(HEW80)_LCH_6945MHz_RU996_Left_Ant1_NTNV



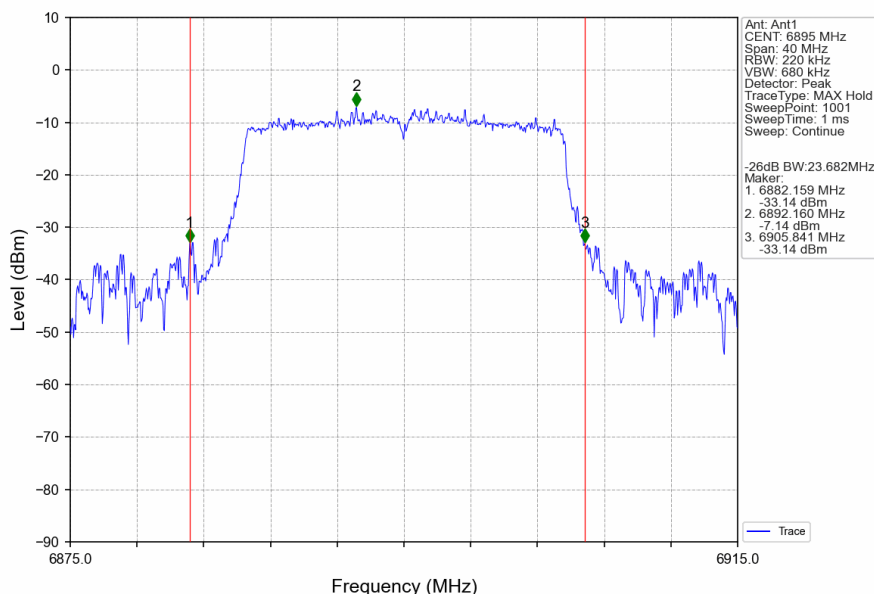
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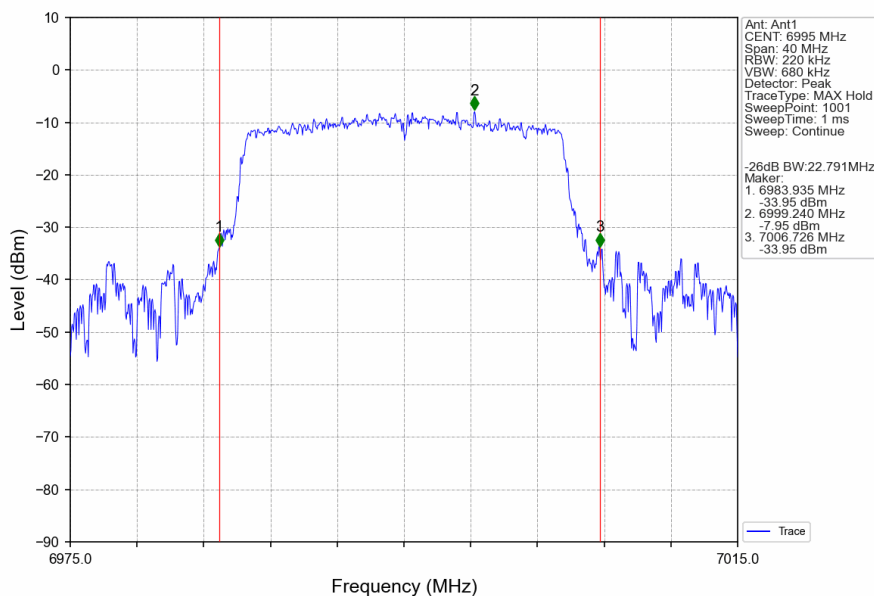
2.2.8 26dB BW



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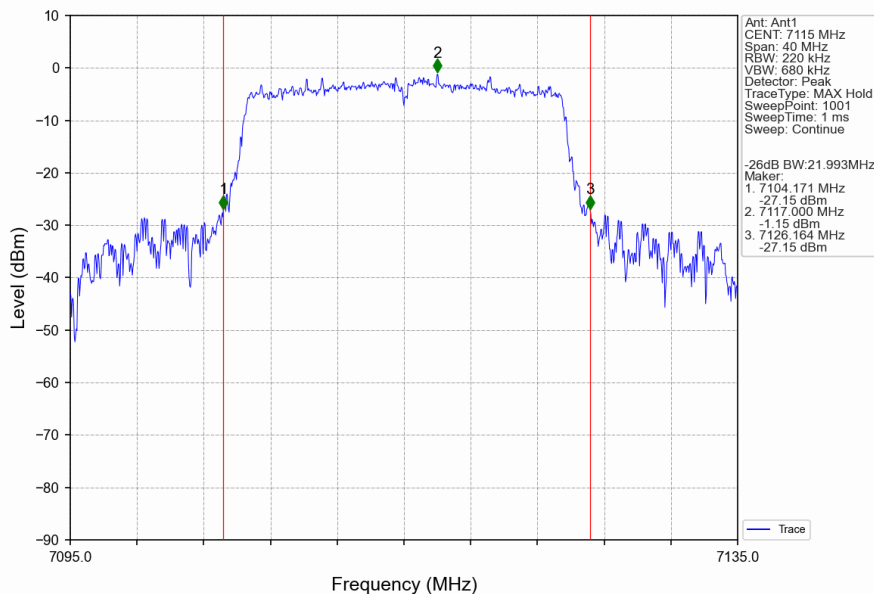


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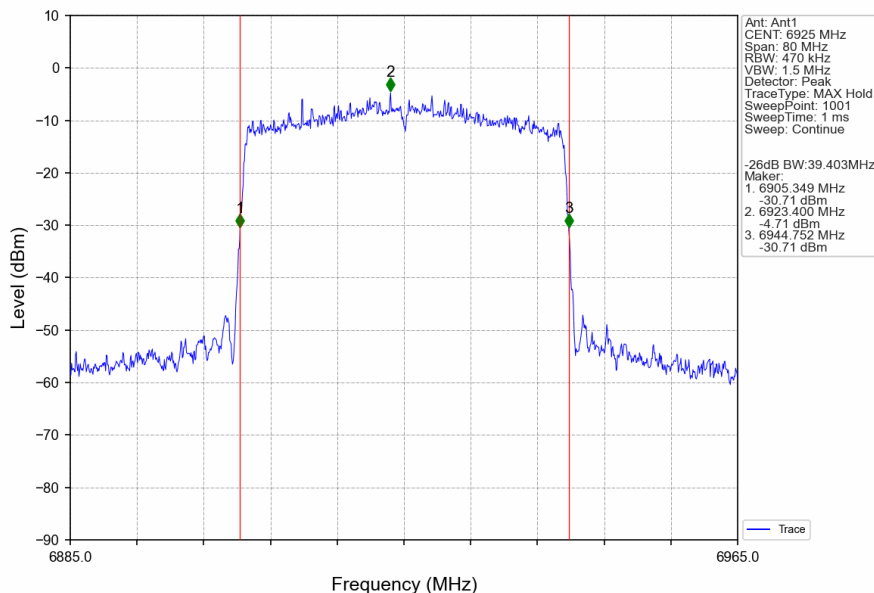


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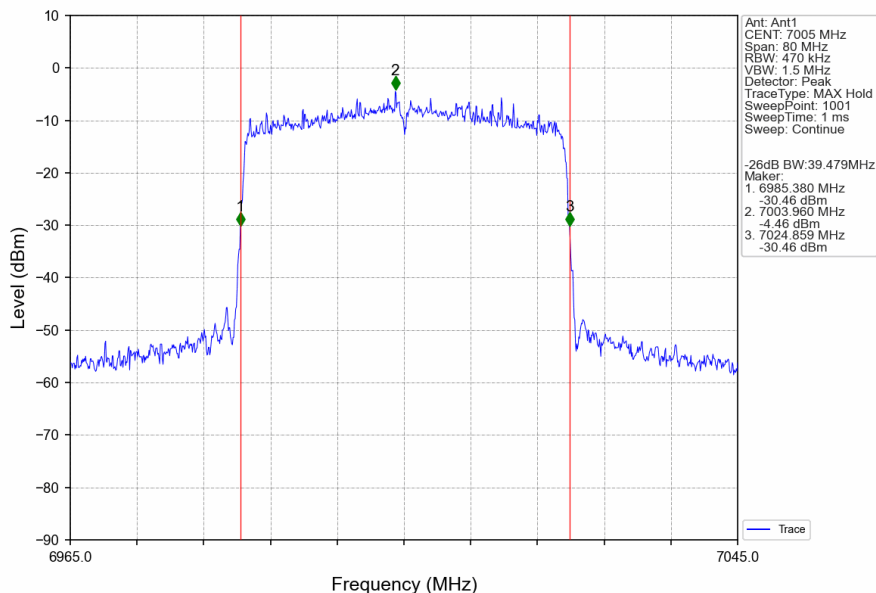




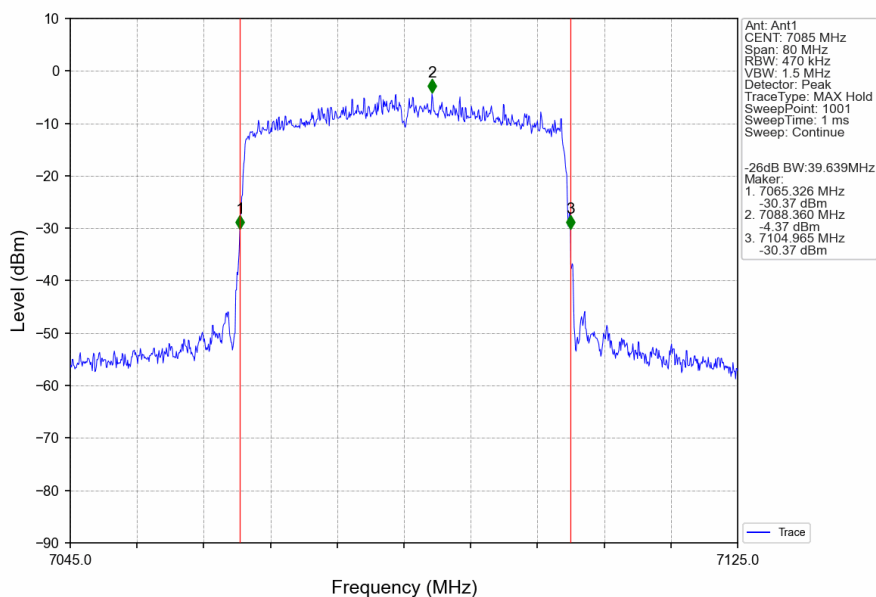
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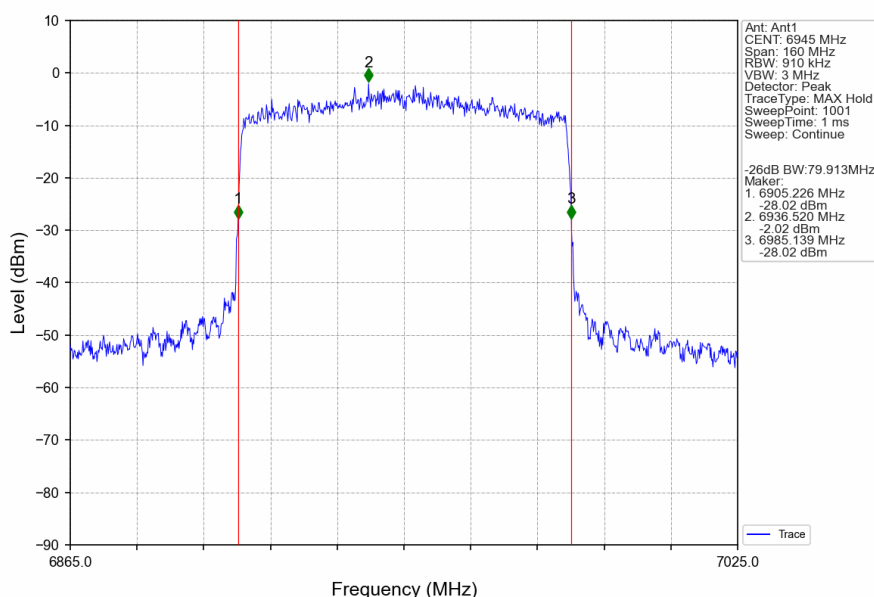
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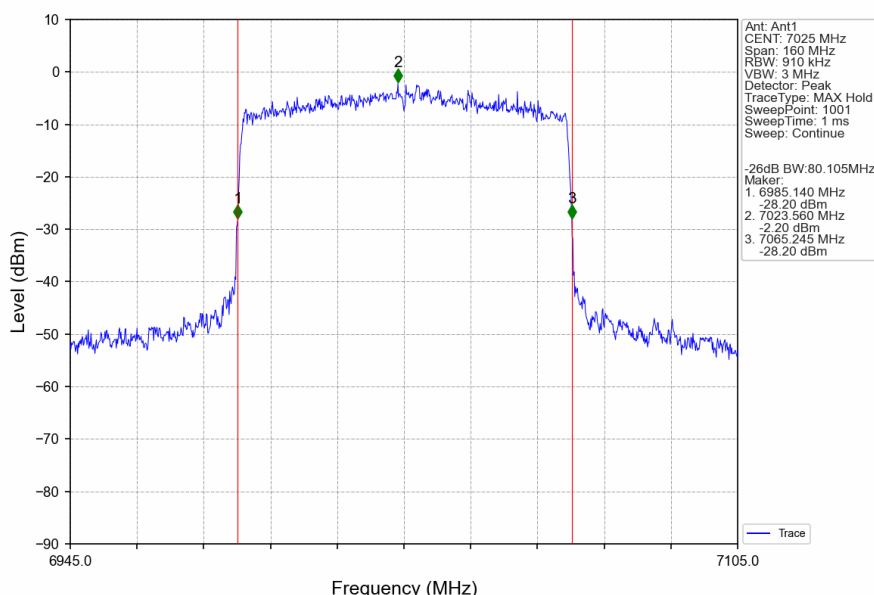
802.11ax(HEW40)_HCH_7085MHz_RU484_Left_Ant1_NTNV



802.11ax(HEW80)_LCH_6945MHz_RU996_Left_Ant1_NTNV



802.11ax(HEW80)_HCH_7025MHz_RU996_Left_Ant1_NTNV



3. Maximum Conducted Output Power



SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZEMC-TRF-01 Rev. A/1

Report No.: SZCR241200470505

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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 | MIMO | Limit | |
| NTNV | 802.11ax (HEW20) | MIMO | 5955 | RU242 | Left | 0.66 | 0.57 | 3.63 | / | Pass |
| | | | 6175 | RU242 | Left | 0.70 | 0.72 | 3.72 | / | Pass |
| | | | 6415 | RU242 | Left | 1.64 | 1.32 | 4.49 | / | Pass |
| | 802.11ax (HEW40) | MIMO | 5965 | RU484 | Left | 3.20 | 3.88 | 6.56 | / | Pass |
| | | | 6165 | RU484 | Left | 4.11 | 4.16 | 7.15 | / | Pass |
| | | | 6405 | RU484 | Left | 3.36 | 3.68 | 6.53 | / | Pass |
| | 802.11ax (HEW80) | MIMO | 5985 | RU996 | Left | 4.89 | 4.92 | 7.92 | / | Pass |
| | | | 6145 | RU996 | Left | 5.54 | 5.97 | 8.77 | / | Pass |
| | | | 6385 | RU996 | Left | 5.97 | 5.80 | 8.90 | / | Pass |

Note1: Antenna Gain: Ant1: 5.22dBi; Ant2: 5.12dBi;

3.1.2 EIRP

| ENV | Mode | TX Type | Frequency (MHz) | RU | RU Pos | E.I.R.P (dBm) | | | | Verdict |
|------|------------------|---------|-----------------|-------|--------|---------------|-------|-------|-------|---------|
| | | | | | | ANT1 | ANT2 | MIMO | Limit | |
| NTNV | 802.11ax (HEW20) | MIMO | 5955 | RU242 | Left | 5.88 | 5.69 | 8.80 | <=24 | Pass |
| | | | 6175 | RU242 | Left | 5.92 | 5.84 | 8.89 | <=24 | Pass |
| | | | 6415 | RU242 | Left | 6.86 | 6.44 | 9.67 | <=24 | Pass |
| | 802.11ax (HEW40) | MIMO | 5965 | RU484 | Left | 8.42 | 9.00 | 11.73 | <=24 | Pass |
| | | | 6165 | RU484 | Left | 9.33 | 9.28 | 12.32 | <=24 | Pass |
| | | | 6405 | RU484 | Left | 8.58 | 8.80 | 11.70 | <=24 | Pass |
| | 802.11ax (HEW80) | MIMO | 5985 | RU996 | Left | 10.11 | 10.04 | 13.09 | <=24 | Pass |
| | | | 6145 | RU996 | Left | 10.76 | 11.09 | 13.94 | <=24 | Pass |
| | | | 6385 | RU996 | Left | 11.19 | 10.92 | 14.07 | <=24 | Pass |

Note1: Antenna Gain: Ant1: 5.22dBi; Ant2: 5.12dBi;
Note2: E.I.R.P = Measured Power + Antenna Gain

3.1.3 Power

| ENV | Mode | TX Type | Frequency (MHz) | RU | RU Pos | Maximum Average Conducted Output Power (dBm) | | | | Verdict |
|------|------------------|---------|-----------------|-------|--------|--|------|------|-------|---------|
| | | | | | | ANT1 | ANT2 | MIMO | Limit | |
| NTNV | 802.11ax (HEW20) | MIMO | 6435 | RU242 | Left | 1.59 | 1.99 | 4.80 | / | Pass |
| | | | 6475 | RU242 | Left | 1.31 | 1.40 | 4.37 | / | Pass |
| | | | 6515 | RU242 | Left | 1.57 | 1.42 | 4.51 | / | Pass |



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SZEMC-TRF-01 Rev. A/1

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| | | | | | | | | | | |
|--|---------------------|------|------|-------|------|------|------|------|---|------|
| | 802.11ax (HEW40) | MIMO | 6445 | RU484 | Left | 3.10 | 2.75 | 5.94 | / | Pass |
| | | | 6485 | RU484 | Left | 1.46 | 3.22 | 5.44 | / | Pass |
| | 802.11ax (HEW80) | MIMO | 6465 | RU996 | Left | 5.63 | 5.97 | 8.81 | / | Pass |

Note1: Antenna Gain: Ant1: 5.22dBi; Ant2: 5.12dBi;

3.1.4 EIRP

| ENV | Mode | TX Type | Frequency (MHz) | RU | RU Pos | E.I.R.P (dBm) | | | | Verdict |
|------|---------------------|---------|-----------------|-------|--------|---------------|-------|-------|-------|---------|
| | | | | | | ANT1 | ANT2 | MIMO | Limit | |
| NTNV | 802.11ax (HEW20) | MIMO | 6435 | RU242 | Left | 6.81 | 7.11 | 9.97 | <=24 | Pass |
| | | | 6475 | RU242 | Left | 6.53 | 6.52 | 9.54 | <=24 | Pass |
| | | | 6515 | RU242 | Left | 6.79 | 6.54 | 9.68 | <=24 | Pass |
| | 802.11ax (HEW40) | MIMO | 6445 | RU484 | Left | 8.32 | 7.87 | 11.11 | <=24 | Pass |
| | | | 6485 | RU484 | Left | 6.68 | 8.34 | 10.60 | <=24 | Pass |
| | 802.11ax (HEW80) | MIMO | 6465 | RU996 | Left | 10.85 | 11.09 | 13.98 | <=24 | Pass |

Note1: Antenna Gain: Ant1: 5.22dBi; Ant2: 5.12dBi;

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

3.1.5 Power

| ENV | Mode | TX Type | Frequency (MHz) | RU | RU Pos | Maximum Average Conducted Output Power (dBm) | | | | Verdict |
|------|---------------------|---------|-----------------|-------|--------|--|------|------|-------|---------|
| | | | | | | ANT1 | ANT2 | MIMO | Limit | |
| NTNV | 802.11ax (HEW20) | MIMO | 6535 | RU242 | Left | 1.57 | 1.37 | 4.48 | / | Pass |
| | | | 6695 | RU242 | Left | 1.95 | 0.94 | 4.48 | / | Pass |
| | | | 6855 | RU242 | Left | 2.09 | 1.16 | 4.66 | / | Pass |
| | 802.11ax (HEW40) | MIMO | 6565 | RU484 | Left | 1.80 | 3.11 | 5.51 | / | Pass |
| | | | 6685 | RU484 | Left | 2.93 | 3.18 | 6.07 | / | Pass |
| | | | 6845 | RU484 | Left | 2.77 | 3.14 | 5.97 | / | Pass |
| | 802.11ax (HEW80) | MIMO | 6625 | RU996 | Left | 6.50 | 5.92 | 9.23 | / | Pass |
| | | | 6705 | RU996 | Left | 6.79 | 6.18 | 9.51 | / | Pass |
| | | | 6785 | RU996 | Left | 5.93 | 5.75 | 8.85 | / | Pass |

Note1: Antenna Gain: Ant1: 5.22dBi; Ant2: 5.12dBi;

3.1.6 EIRP

| ENV | Mode | TX Type | Frequency (MHz) | RU | RU Pos | E.I.R.P (dBm) | | | | Verdict |
|------|---------------------|---------|-----------------|-------|--------|---------------|------|------|-------|---------|
| | | | | | | ANT1 | ANT2 | MIMO | Limit | |
| NTNV | 802.11ax (HEW20) | MIMO | 6535 | RU242 | Left | 6.79 | 6.49 | 9.65 | <=24 | Pass |
| | | | 6695 | RU242 | Left | 7.17 | 6.06 | 9.66 | <=24 | Pass |



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| | | | | | | | | | | |
|--|---------------------|------|------|-------|------|-------|-------|-------|------|------|
| | | | 6855 | RU242 | Left | 7.31 | 6.28 | 9.84 | <=24 | Pass |
| | 802.11ax (HEW40) | MIMO | 6565 | RU484 | Left | 7.02 | 8.23 | 10.68 | <=24 | Pass |
| | | | 6685 | RU484 | Left | 8.15 | 8.30 | 11.24 | <=24 | Pass |
| | | | 6845 | RU484 | Left | 7.99 | 8.26 | 11.14 | <=24 | Pass |
| | 802.11ax (HEW80) | MIMO | 6625 | RU996 | Left | 11.72 | 11.04 | 14.40 | <=24 | Pass |
| | | | 6705 | RU996 | Left | 12.01 | 11.30 | 14.68 | <=24 | Pass |
| | | | 6785 | RU996 | Left | 11.15 | 10.87 | 14.02 | <=24 | Pass |

Note1: Antenna Gain: Ant1: 5.22dBi; Ant2: 5.12dBi;

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

3.1.7 Power

| ENV | Mode | TX Type | Frequency (MHz) | RU | RU Pos | Maximum Average Conducted Output Power (dBm) | | | | Verdict |
|------|---------------------|---------|-----------------|-------|--------|--|--------|-------|-------|---------|
| | | | | | | ANT1 | ANT2 | MIMO | Limit | |
| NTNV | 802.11ax (HEW20) | MIMO | 6895 | RU242 | Left | 1.48 | 0.43 | 4.00 | / | Pass |
| | | | 6995 | RU242 | Left | 2.36 | 1.59 | 5.00 | / | Pass |
| | | | 7115 | RU242 | Left | -8.25 | -12.32 | -6.81 | / | Pass |
| | 802.11ax (HEW40) | MIMO | 6925 | RU484 | Left | 4.04 | 2.63 | 6.40 | / | Pass |
| | | | 7005 | RU484 | Left | 4.09 | 3.48 | 6.81 | / | Pass |
| | | | 7085 | RU484 | Left | 4.56 | 3.51 | 7.08 | / | Pass |
| | 802.11ax (HEW80) | MIMO | 6945 | RU996 | Left | 6.70 | 5.81 | 9.29 | / | Pass |
| | | | 7025 | RU996 | Left | 6.26 | 6.23 | 9.26 | / | Pass |

Note1: Antenna Gain: Ant1: 5.22dBi; Ant2: 5.12dBi;

3.1.8 EIRP

| ENV | Mode | TX Type | Frequency (MHz) | RU | RU Pos | E.I.R.P (dBm) | | | | Verdict |
|------|---------------------|---------|-----------------|-------|--------|---------------|-------|-------|-------|---------|
| | | | | | | ANT1 | ANT2 | MIMO | Limit | |
| NTNV | 802.11ax (HEW20) | MIMO | 6895 | RU242 | Left | 6.70 | 5.55 | 9.17 | <=24 | Pass |
| | | | 6995 | RU242 | Left | 7.58 | 6.71 | 10.18 | <=24 | Pass |
| | | | 7115 | RU242 | Left | -3.03 | -7.20 | -1.62 | <=24 | Pass |
| | 802.11ax (HEW40) | MIMO | 6925 | RU484 | Left | 9.26 | 7.75 | 11.58 | <=24 | Pass |
| | | | 7005 | RU484 | Left | 9.31 | 8.60 | 11.98 | <=24 | Pass |
| | | | 7085 | RU484 | Left | 9.78 | 8.63 | 12.25 | <=24 | Pass |
| | 802.11ax (HEW80) | MIMO | 6945 | RU996 | Left | 11.92 | 10.93 | 14.46 | <=24 | Pass |
| | | | 7025 | RU996 | Left | 11.48 | 11.35 | 14.43 | <=24 | Pass |

Note1: Antenna Gain: Ant1: 5.22dBi; Ant2: 5.12dBi;

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



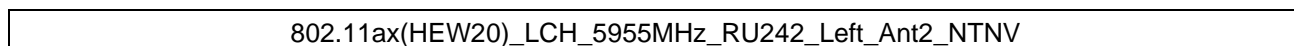
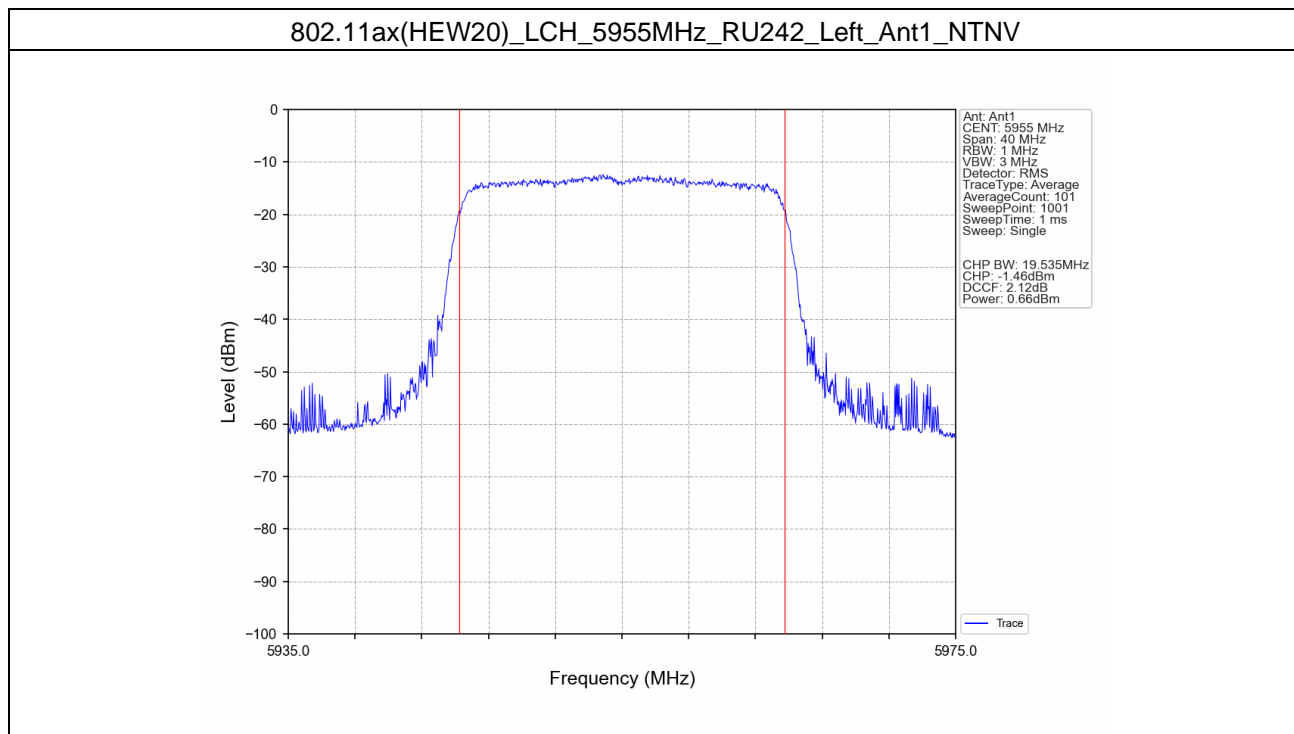
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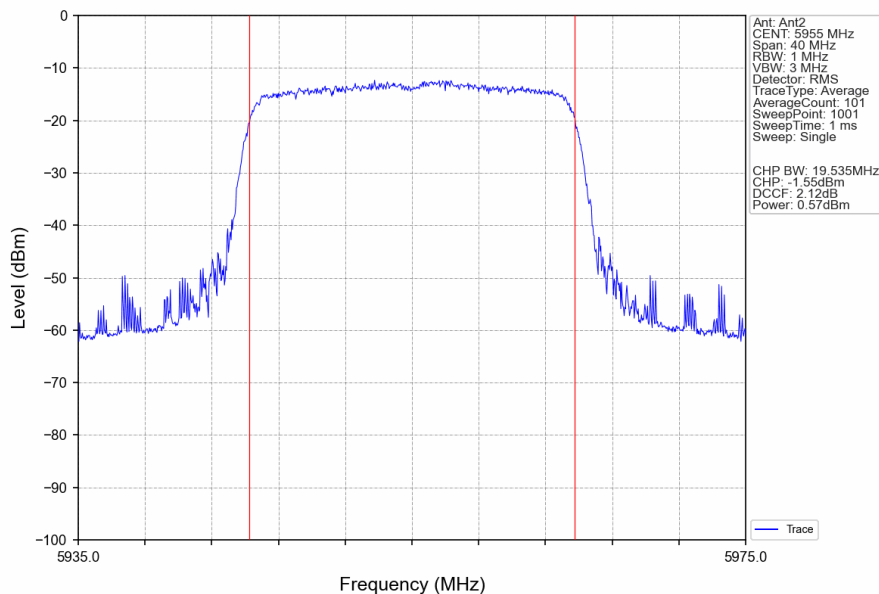
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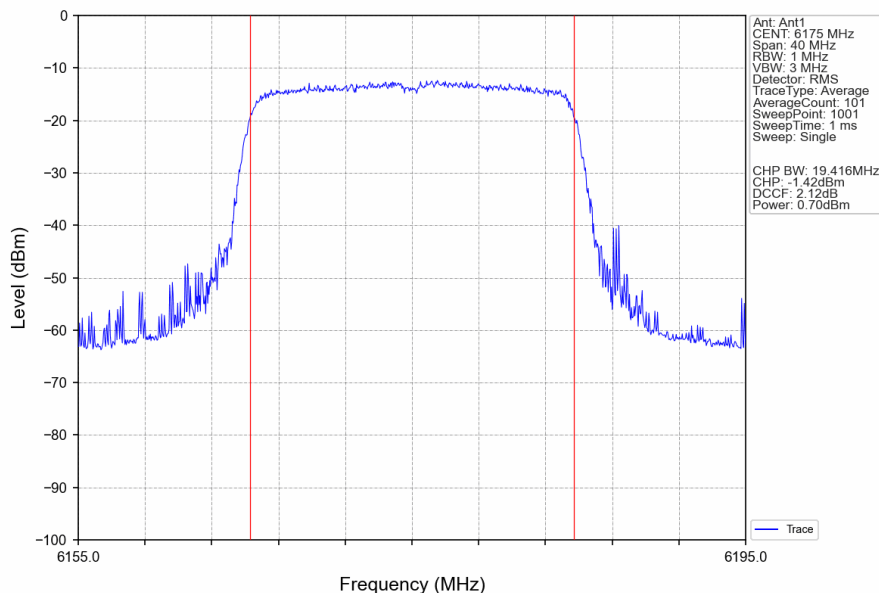
3.2 Test Graph

3.2.1 Power



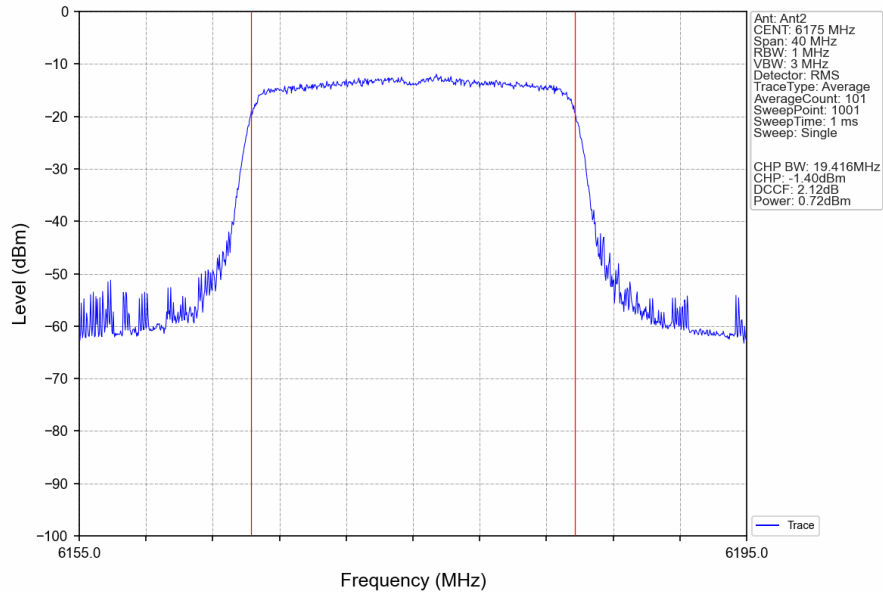


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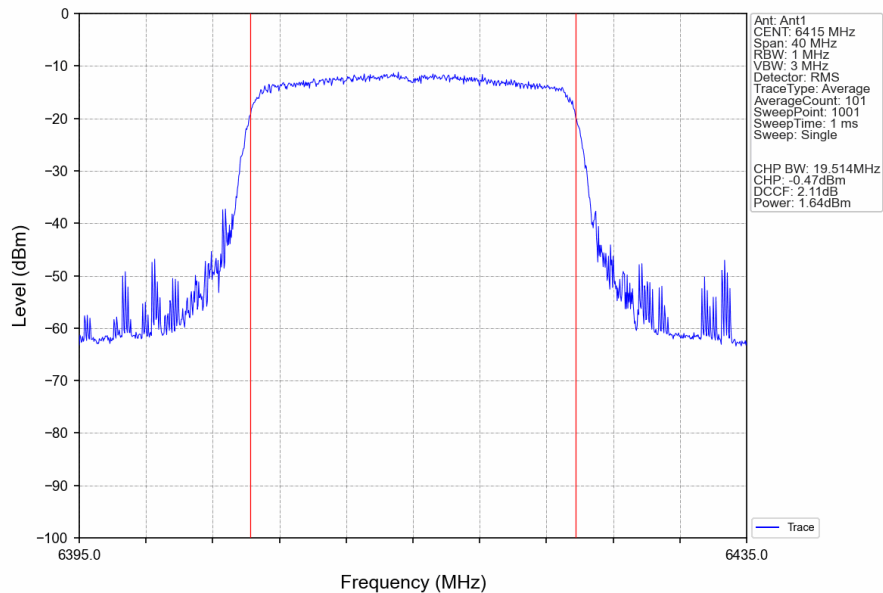


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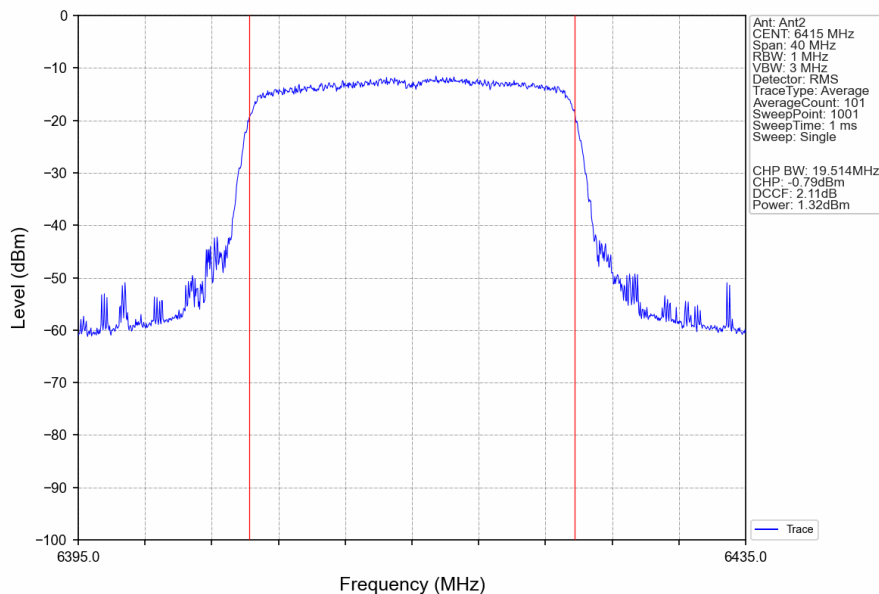


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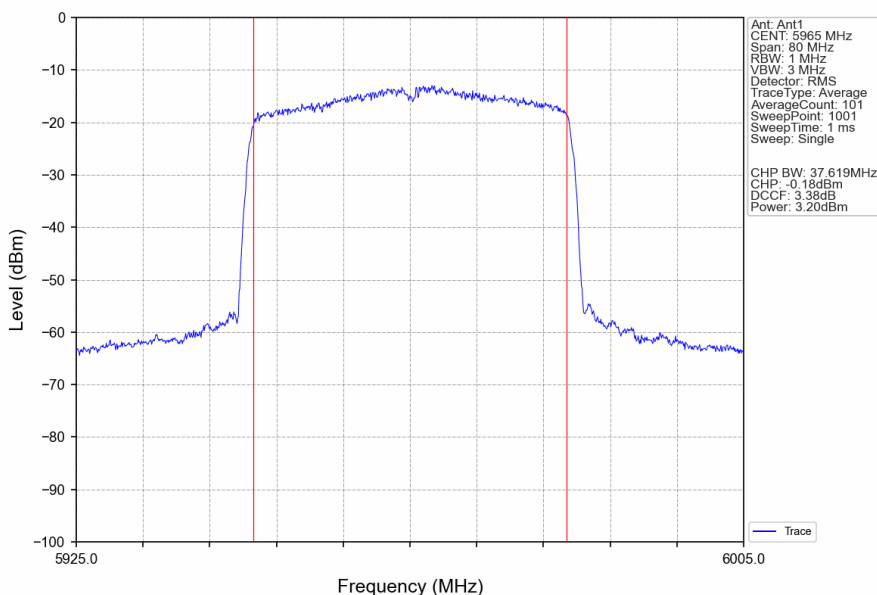




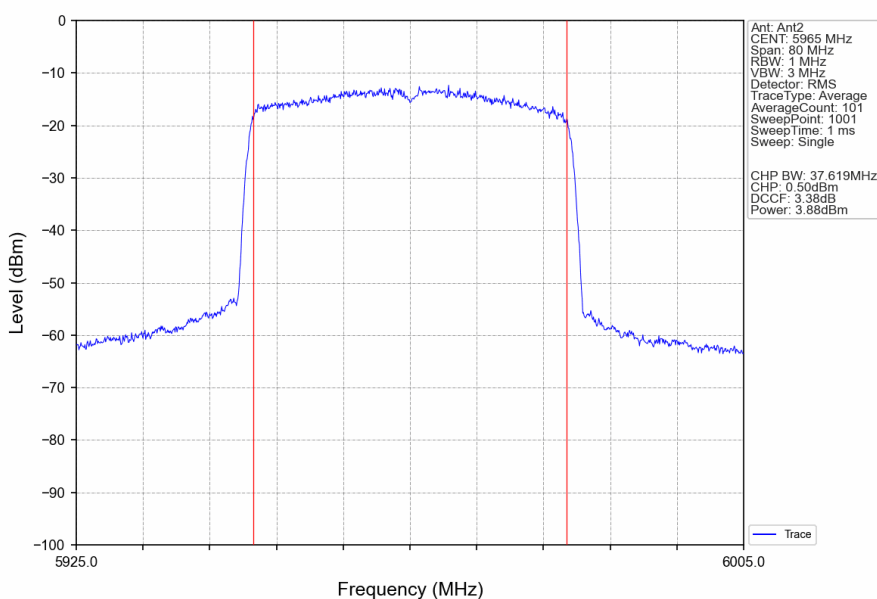
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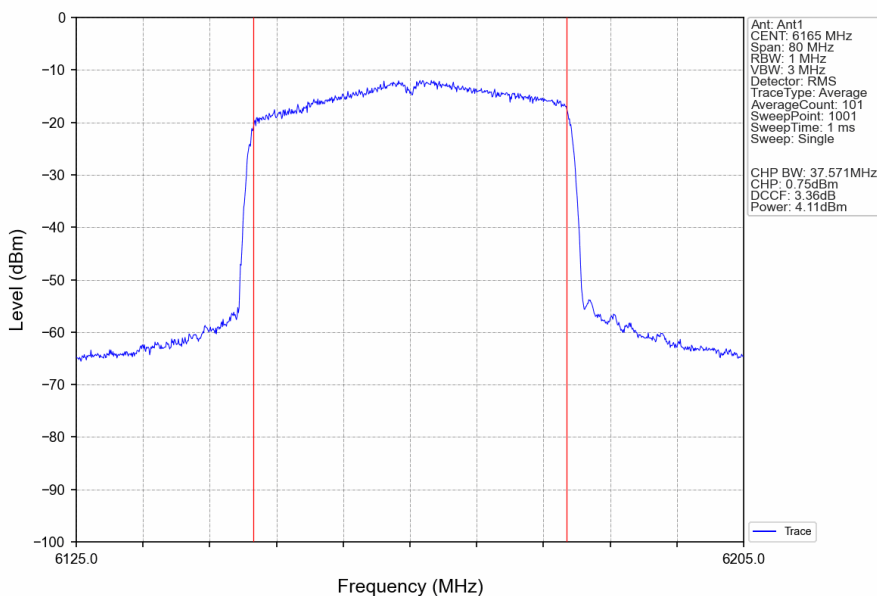
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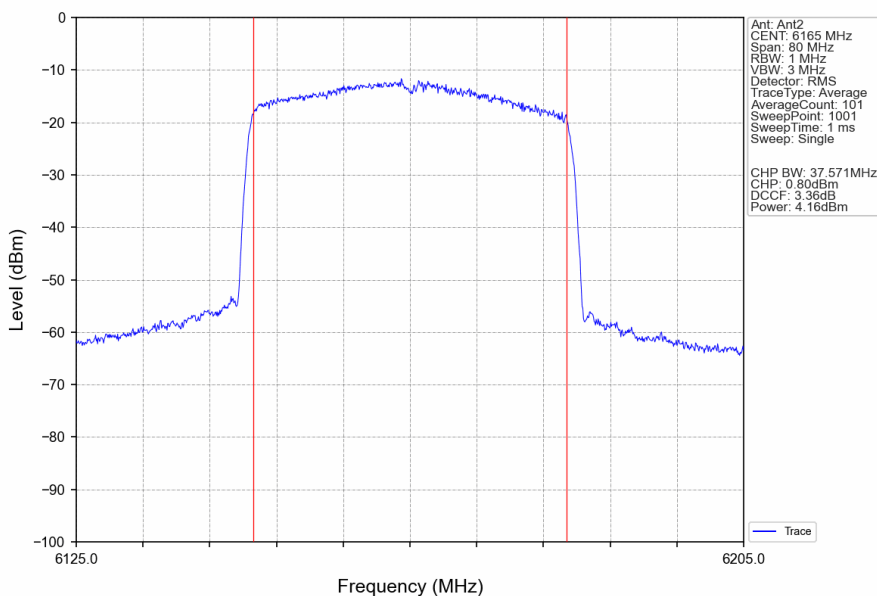
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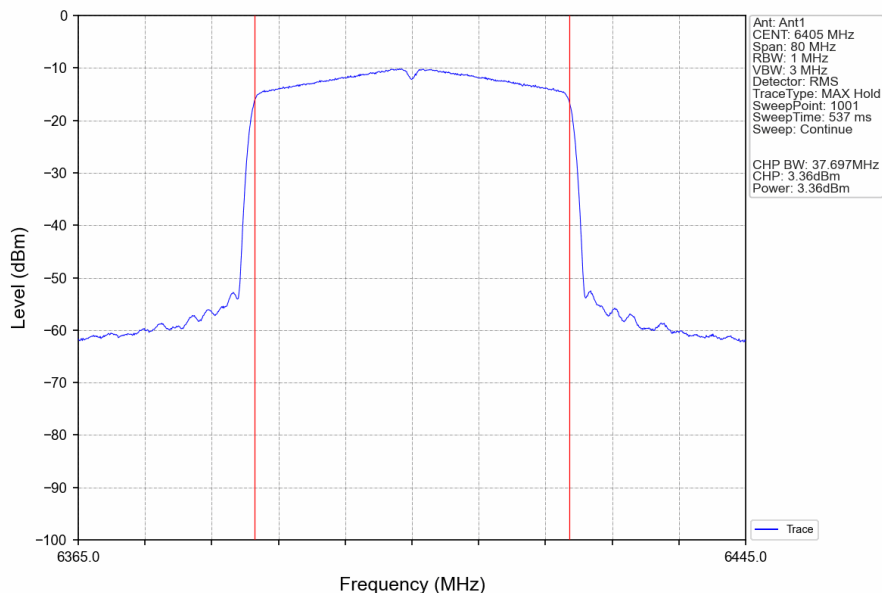
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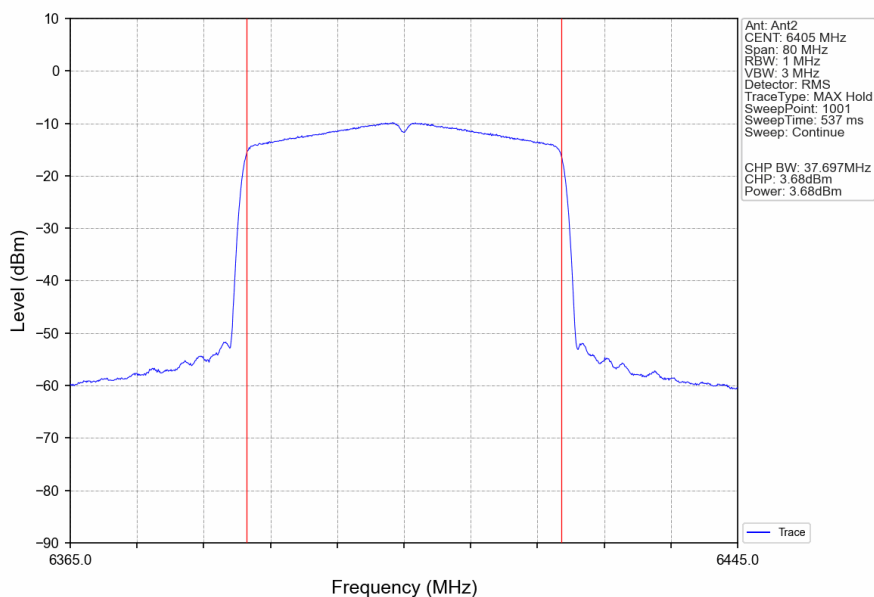
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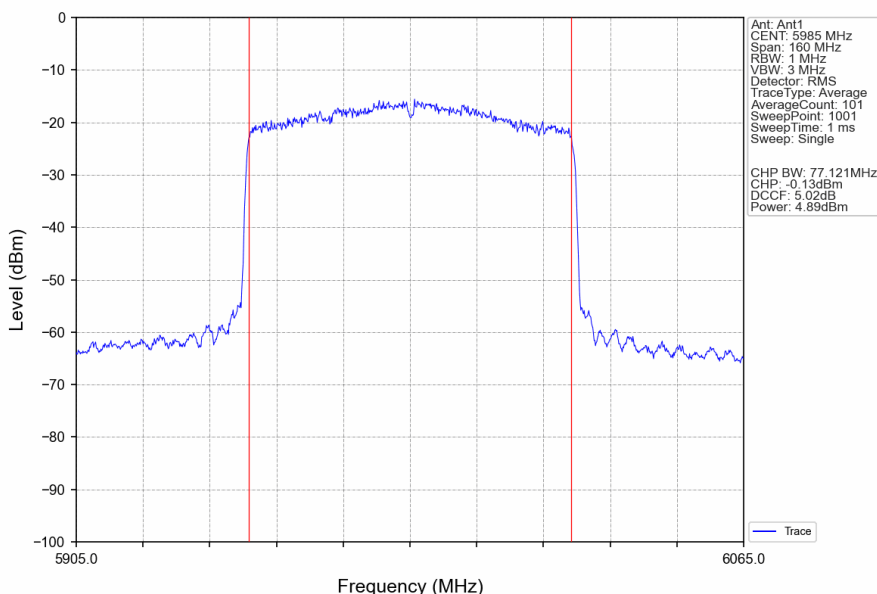
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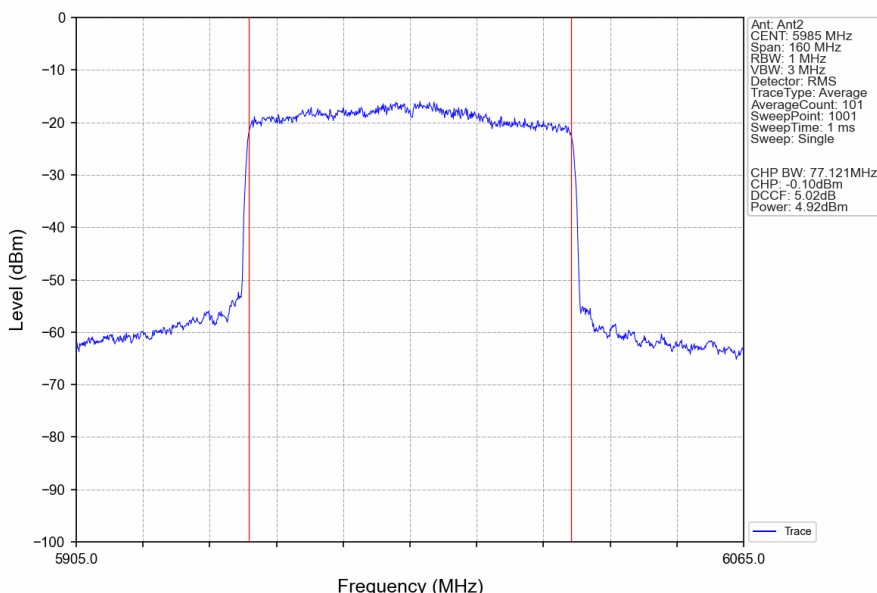
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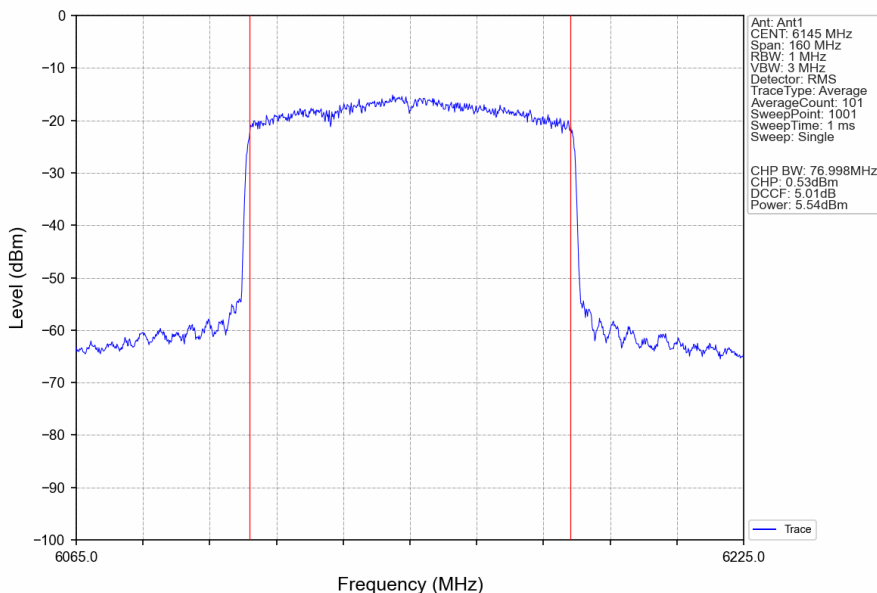
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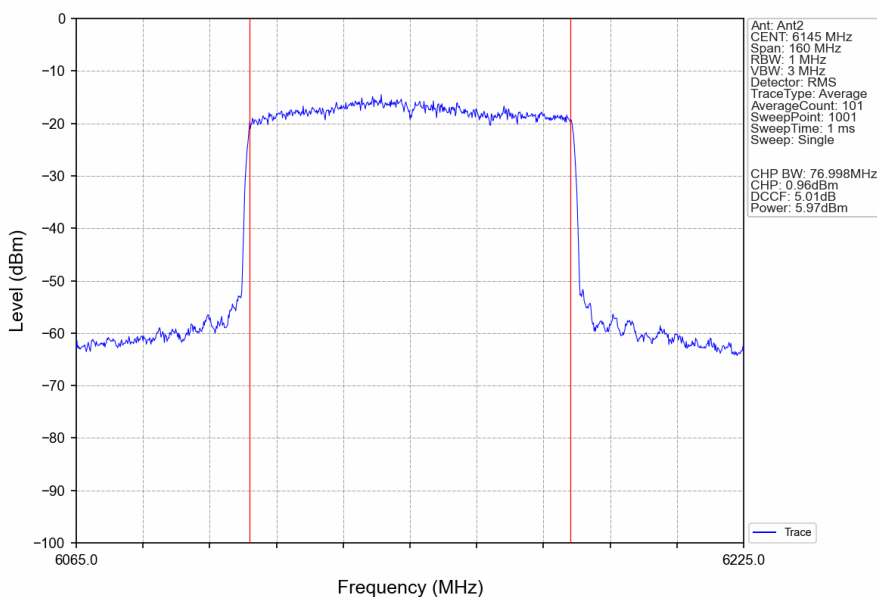
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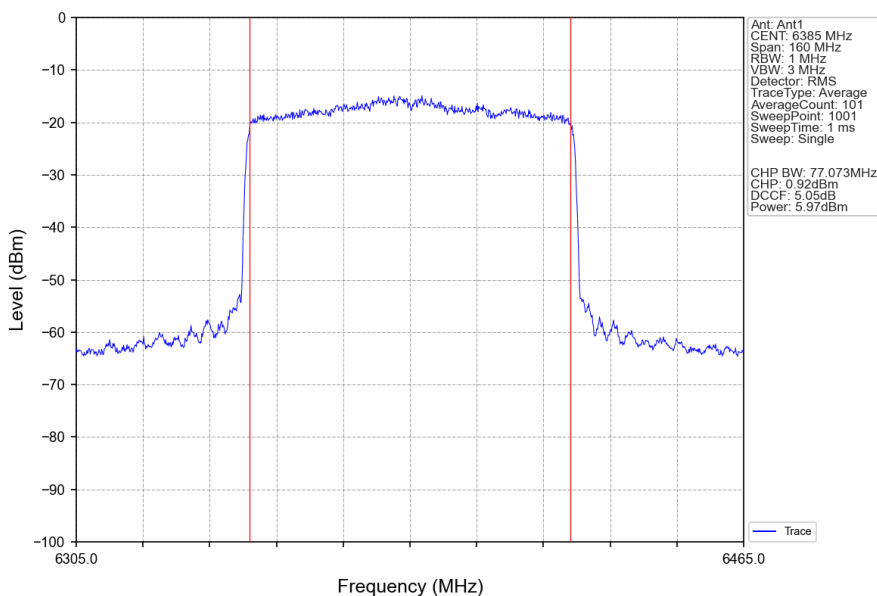
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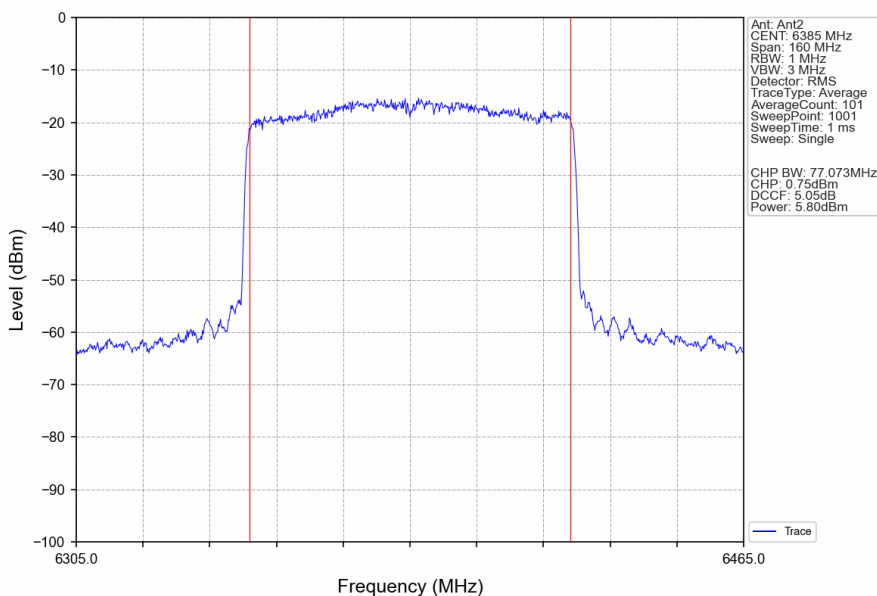
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802.11ax(HEW80)_HCH_6385MHz_RU996_Left_Ant1_NTNV



802.11ax(HEW80)_HCH_6385MHz_RU996_Left_Ant2_NTNV



3.2.2 EIRP



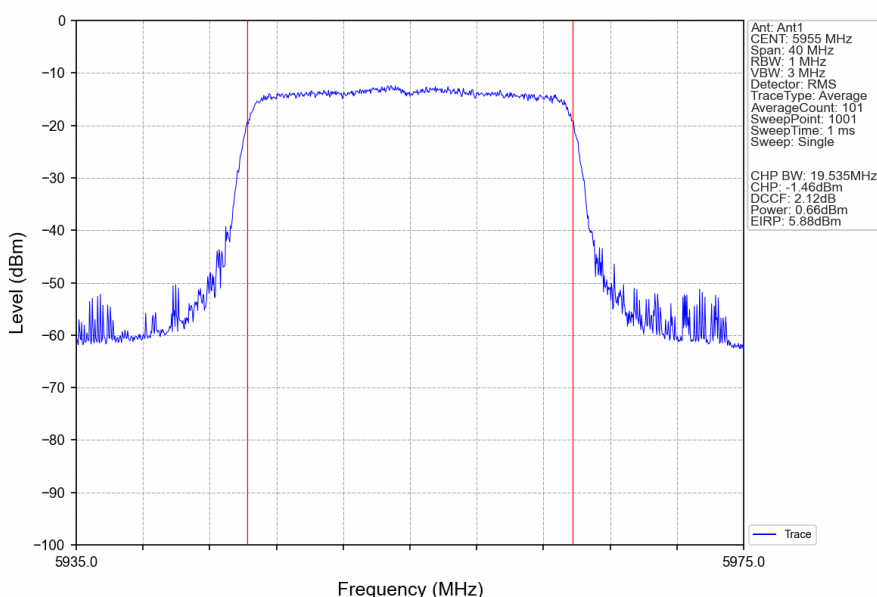
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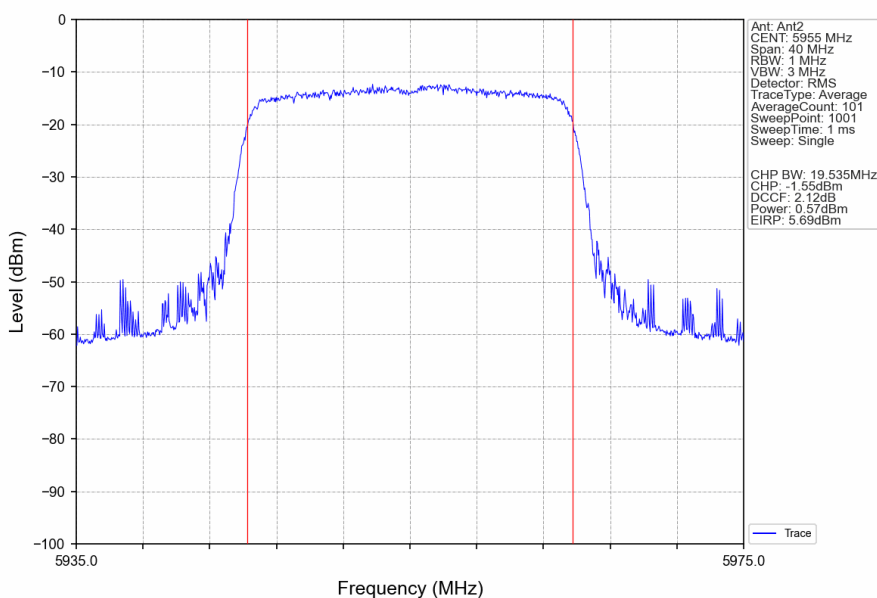
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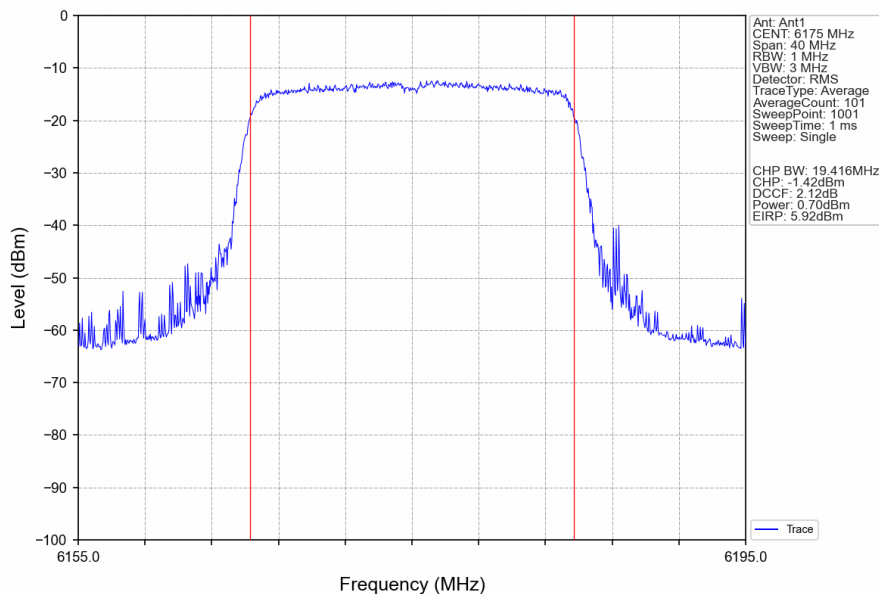


802.11ax(HEW20)_LCH_5955MHz_RU242_Left_Ant2_NTNV

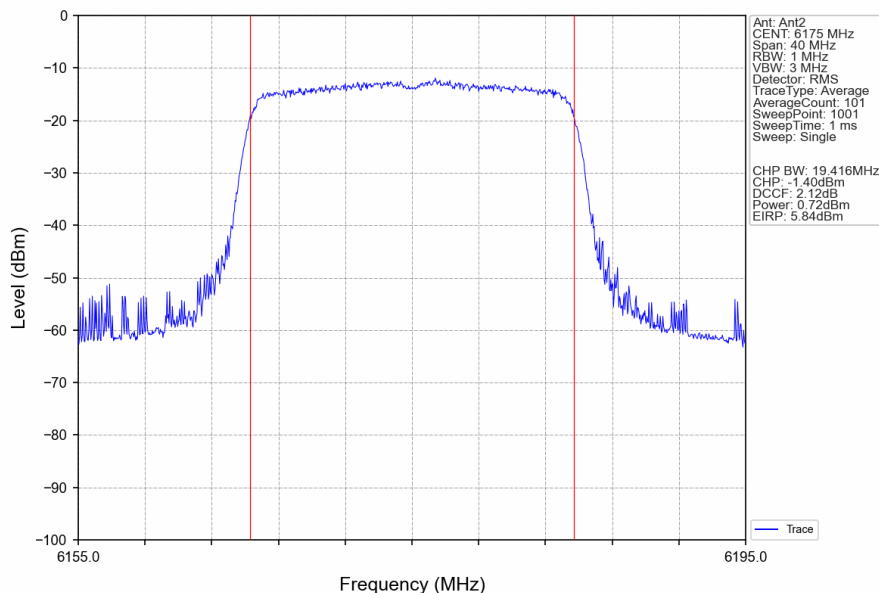


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802.11ax(HEW20)_MCH_6175MHz_RU242_Left_Ant2_NTNV



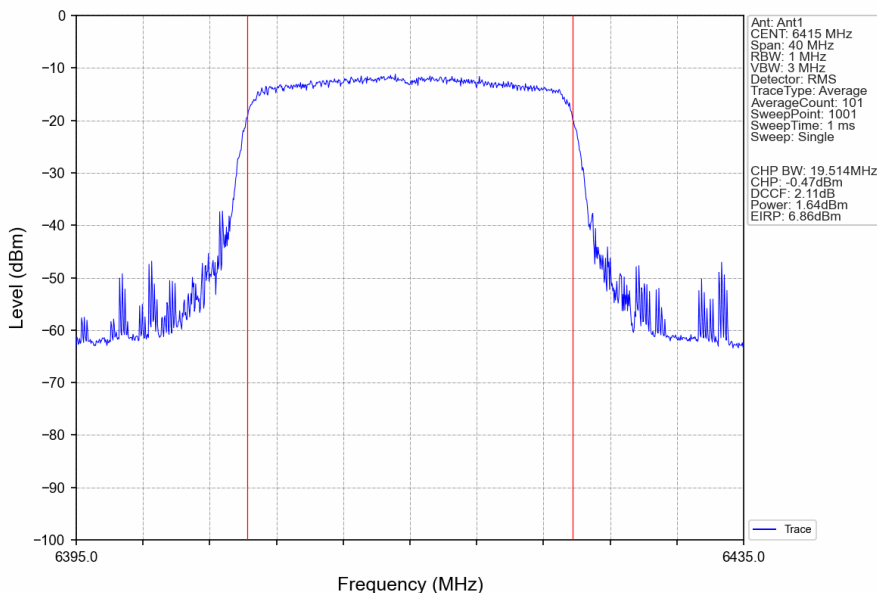
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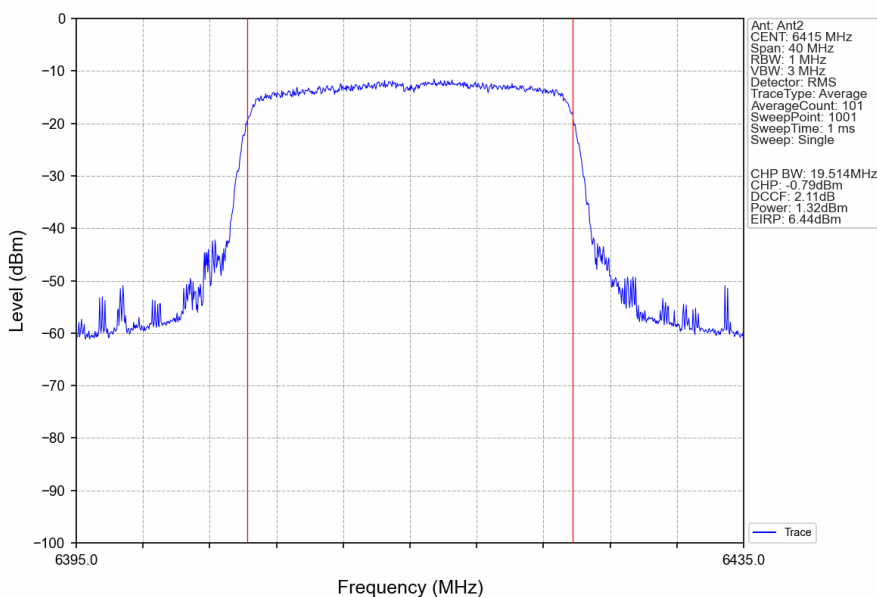
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802.11ax(HEW20)_HCH_6415MHz_RU242_Left_Ant2_NTNV



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