

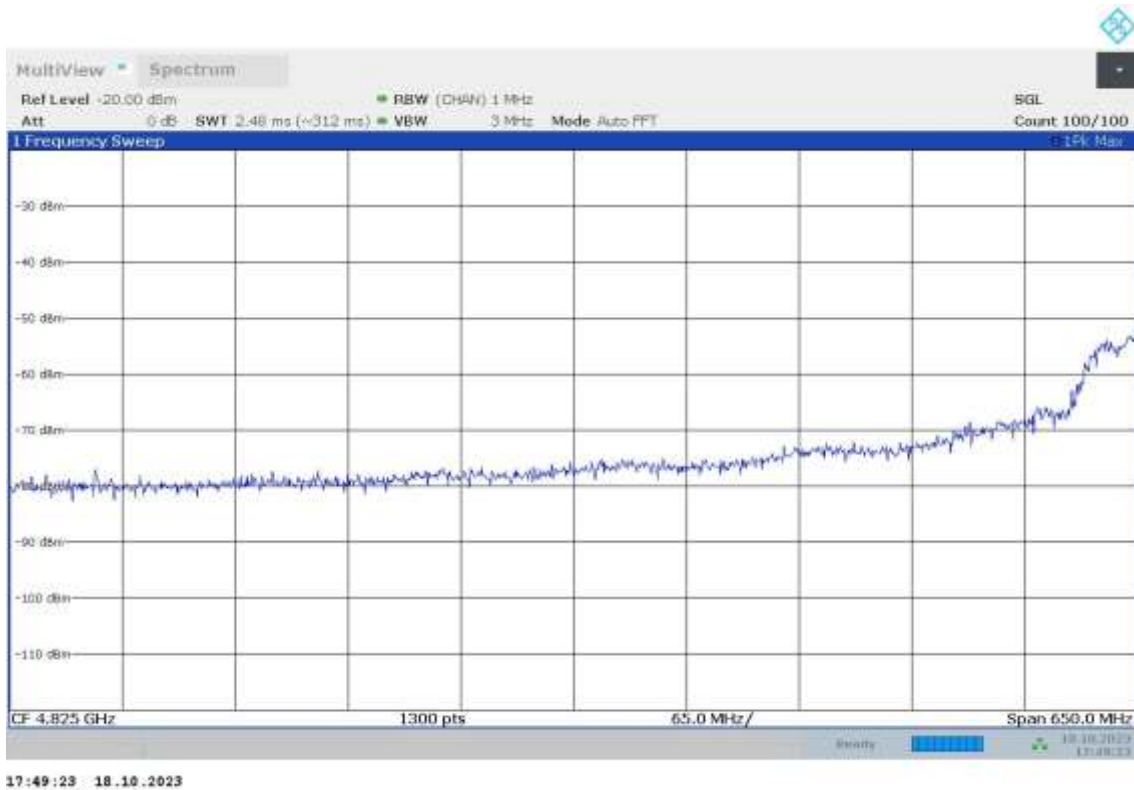
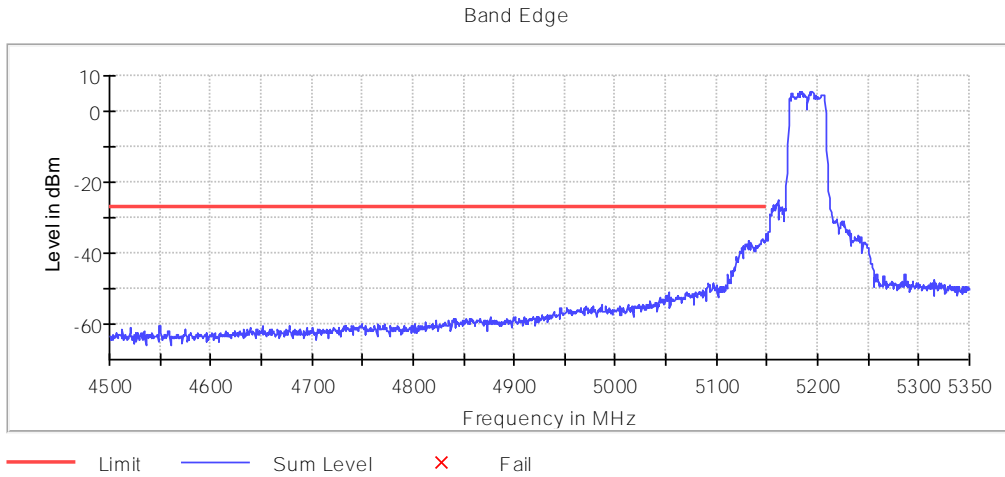
Attachments

Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5190.00000 Modulation = 802.11n HT40 (OFDM MCS0)

MIMO Mode = SISO Measurement Point = 1

Images:



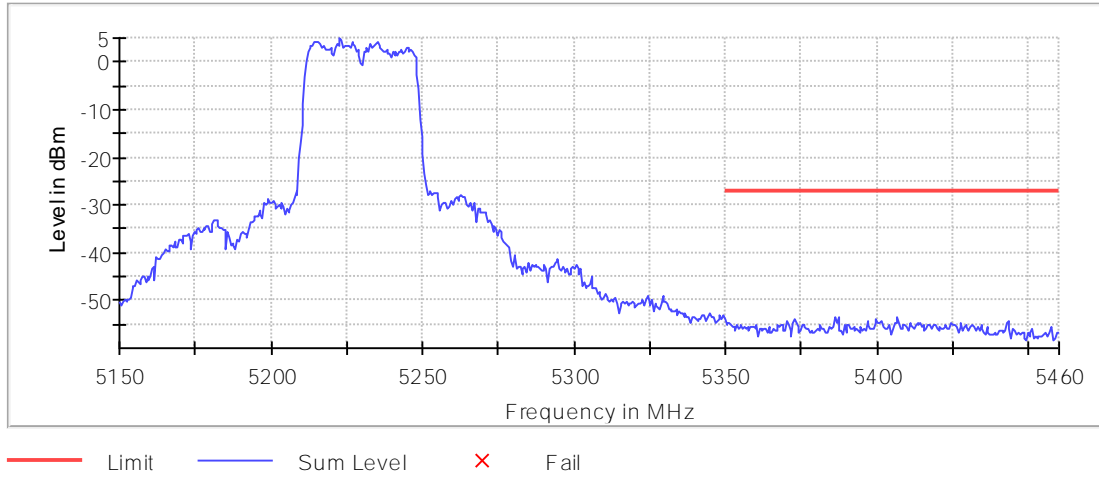


17:57:09 18.10.2023

Operation Band MHz = [5150, 5850] Active Port = 1
Frequency MHz = 5230.00000 Modulation = 802.11n HT40 (OFDM MCS0)
MIMO Mode = SISO Measurement Point = 1

Images:

Band Edge

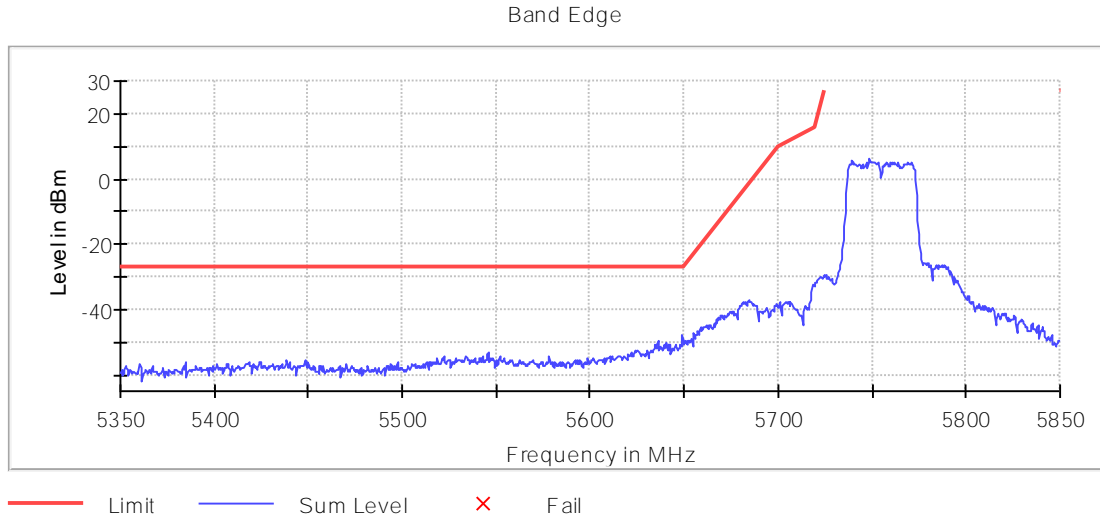


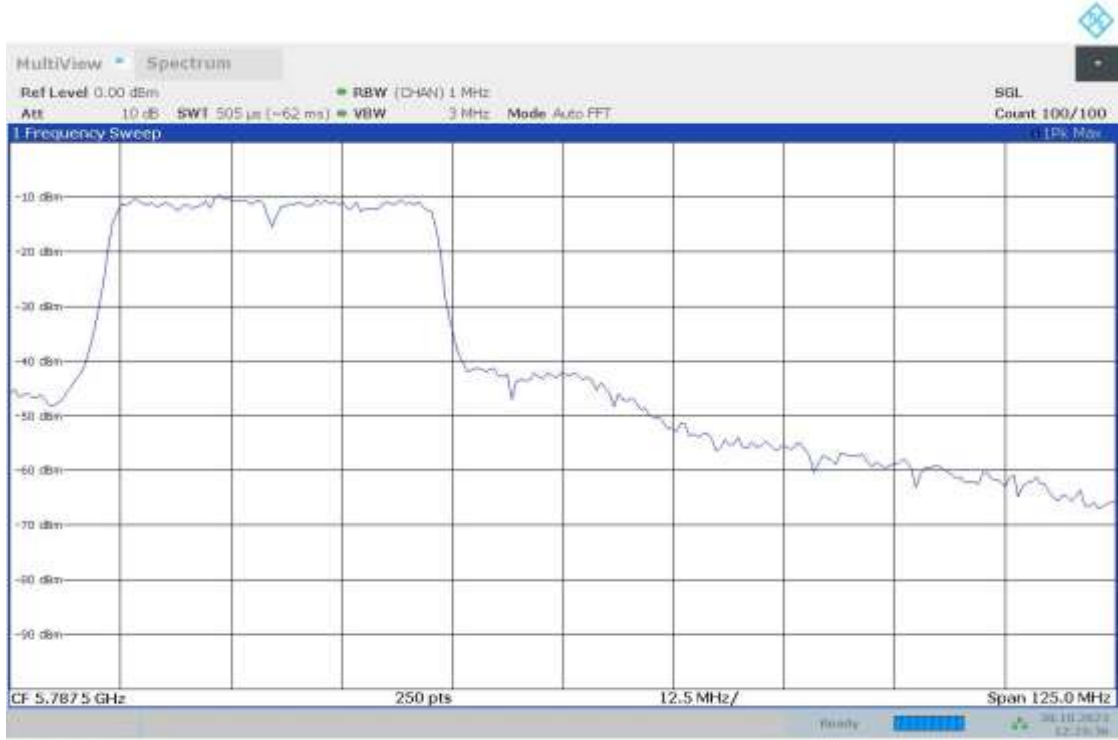


11:55:51 30.10.2023

Operation Band MHz = [5150, 5850] Active Port = 1
Frequency MHz = 5755.00000 Modulation = 802.11n HT40 (OFDM MCS0)
MIMO Mode = SISO Measurement Point = 1

Images:

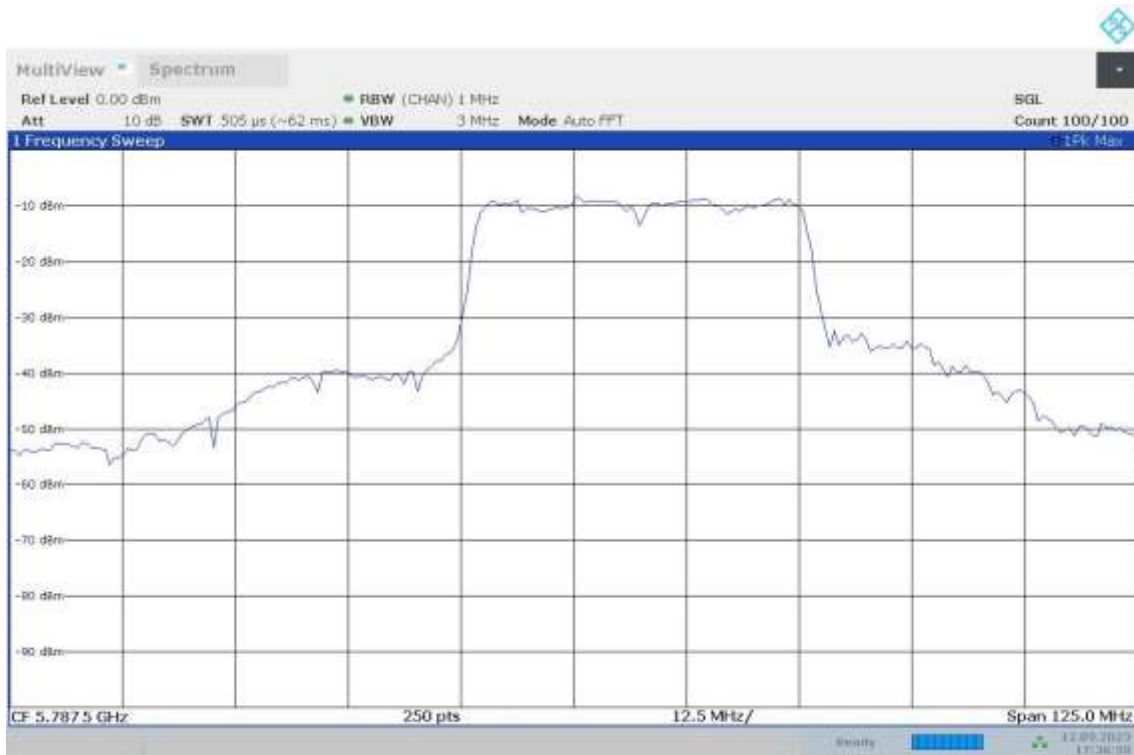
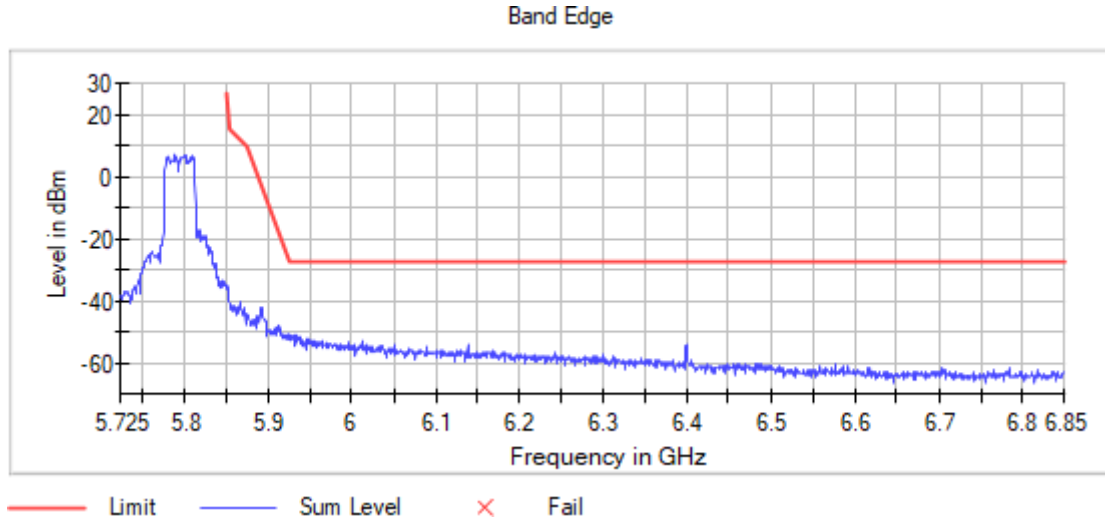




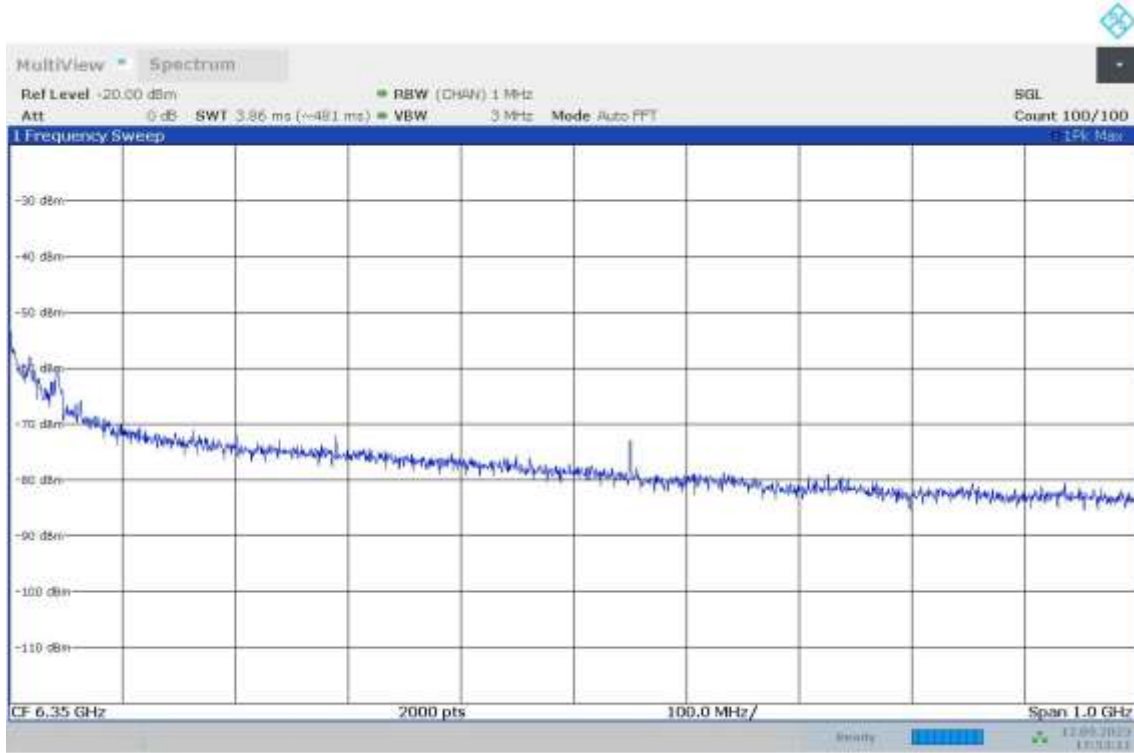
12:25:36 30.10.2023

Operation Band MHz = [5150, 5850] Active Port = 1
Frequency MHz = 5795.00000 Modulation = 802.11n HT40 (OFDM MCS0)
MIMO Mode = SISO Measurement Point = 1

Images:



17:37:00 12.09.2023



17:53:11 12.09.2023

RSS-Gen 6.6 / RSS-247 6.2. [99dBW] Transmitter 99% Occupied Bandwidth

Limits

No Limit has been set to this test case

Modulation: 802.11ac VHT20 SS1 (OFDM MCS0)

MIMO Mode: SISO

Results

| Operation Band (MHz) | Port | Freq (MHz) | Occ Ch BW (MHz) |
|----------------------|------|------------|-----------------|
| [5150, 5850] | 1 | 5180.00000 | 17.700 |
| | | 5200.00000 | 17.700 |
| | | 5240.00000 | 17.600 |
| | | 5745.00000 | 17.700 |
| | | 5785.00000 | 17.600 |
| | | 5825.00000 | 17.700 |

Verdict

Pass

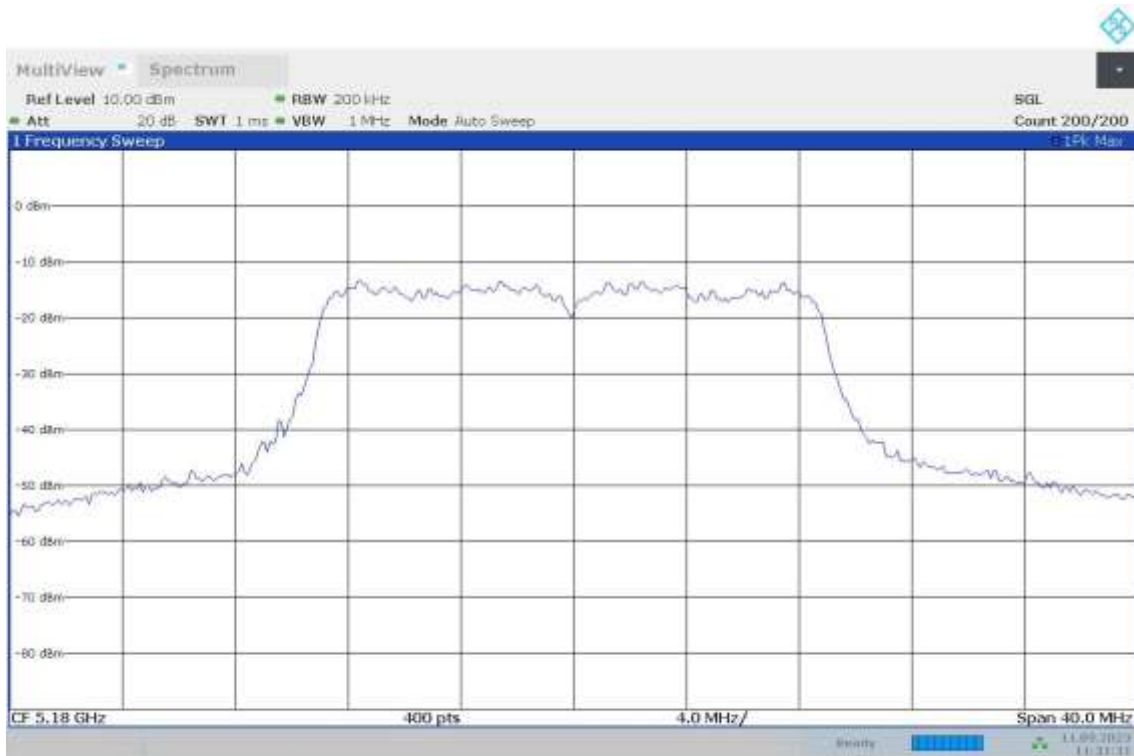
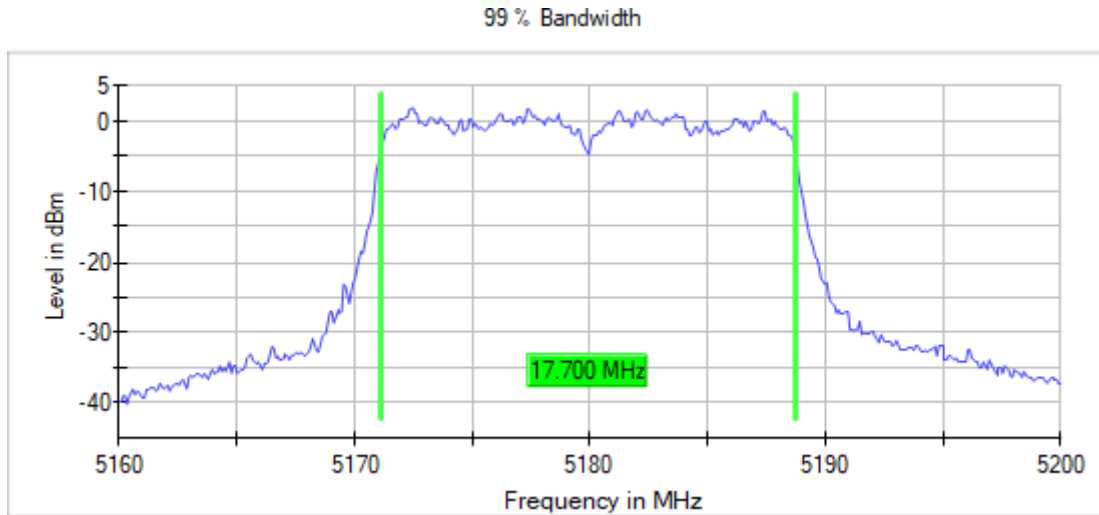
Attachments

Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5180.00000 Modulation = 802.11ac VHT20 SS1 (OFDM MCS0)

MIMO Mode = SISO

Images:

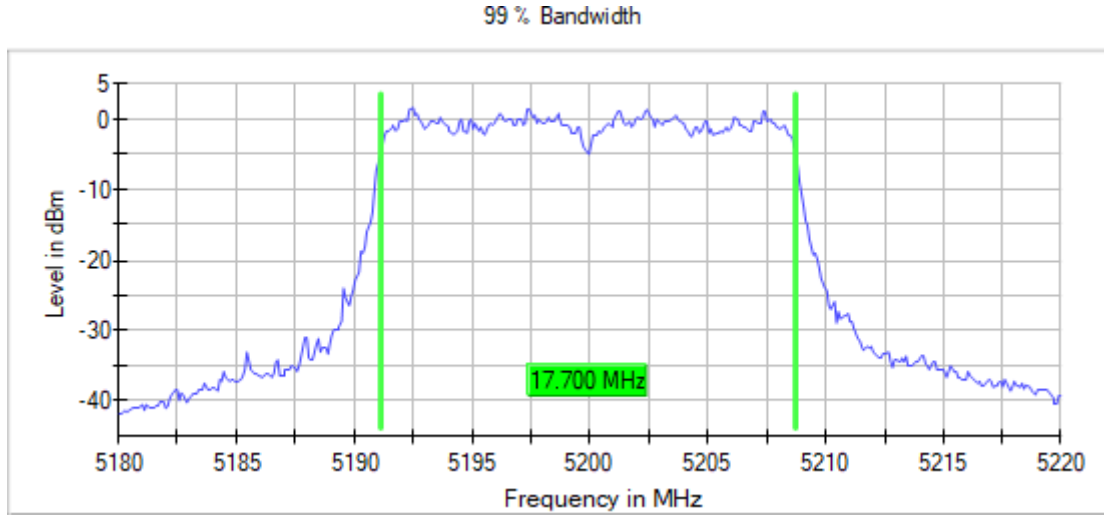


Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5200.00000 Modulation = 802.11ac VHT20 SS1 (OFDM MCS0)

MIMO Mode = SISO

Images:



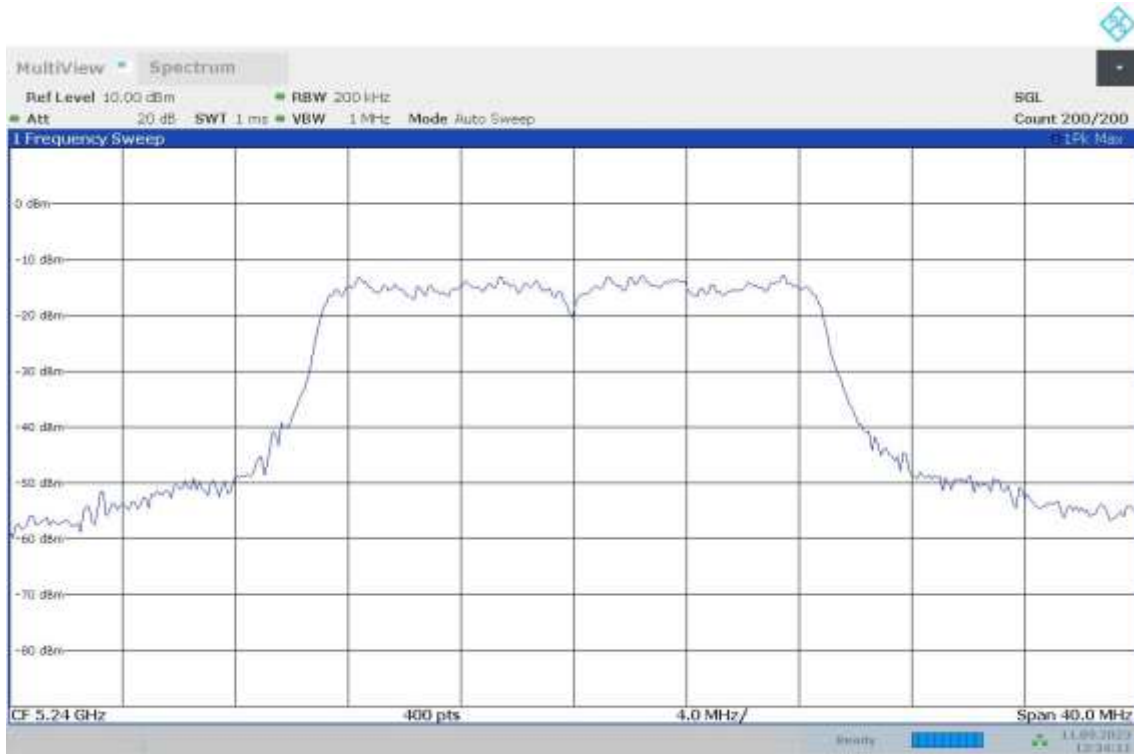
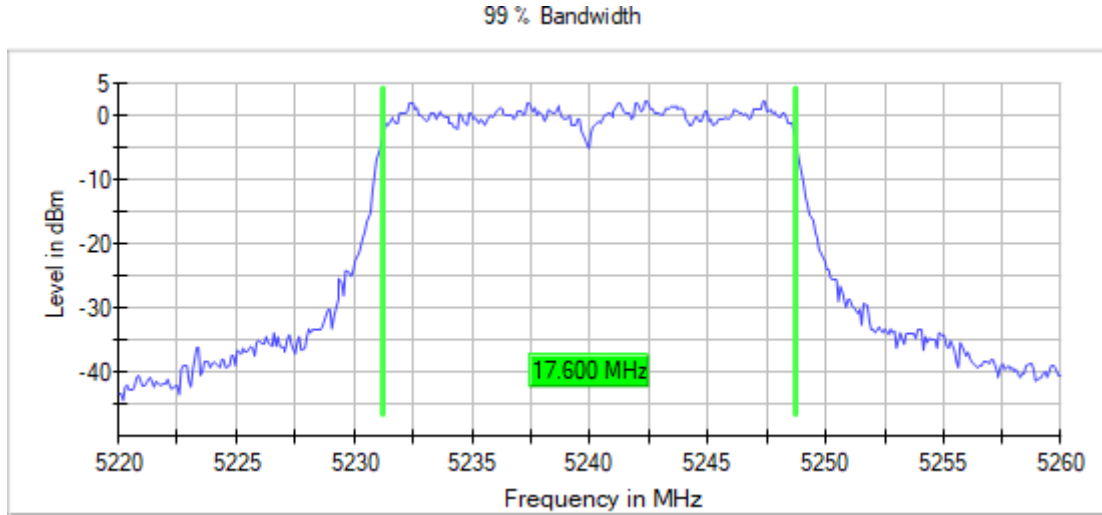
12:07:46 11.09.2023

Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5240.00000 Modulation = 802.11ac VHT20 SS1 (OFDM MCS0)

MIMO Mode = SISO

Images:



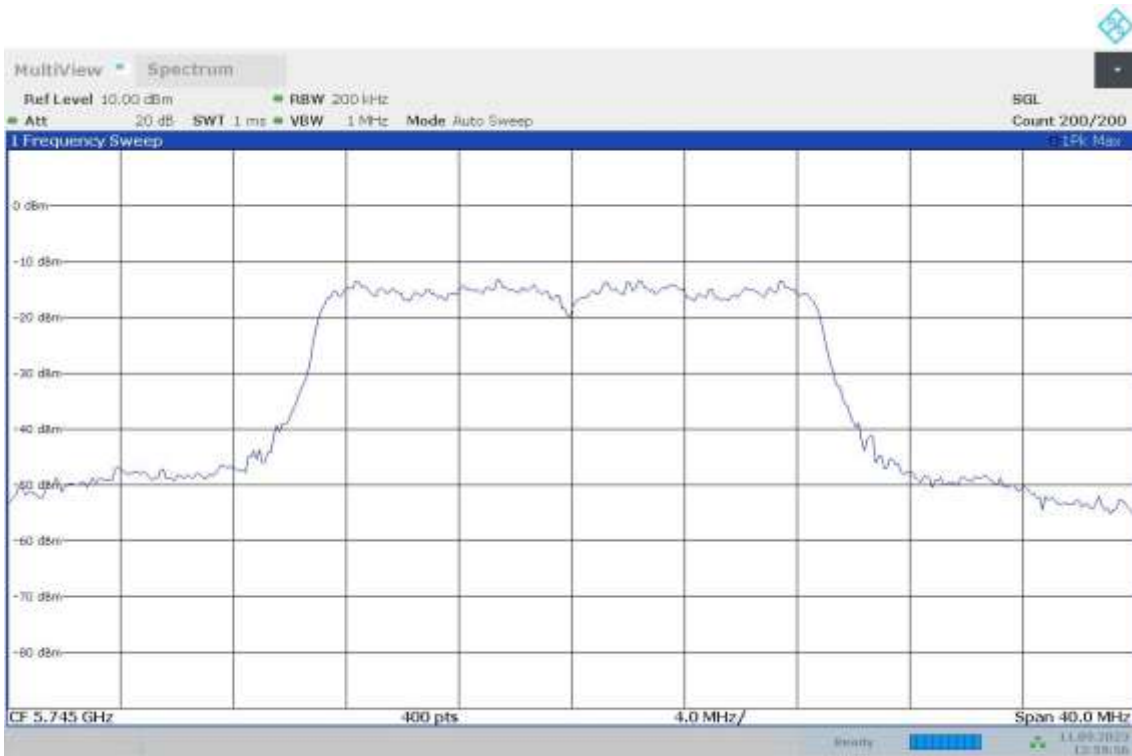
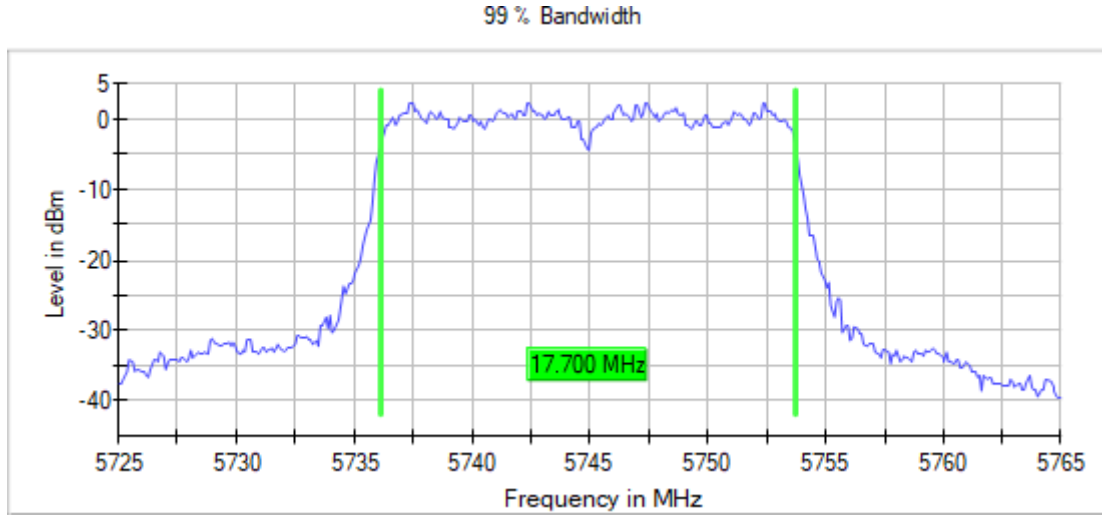
12:34:11 11.09.2023

Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5745.00000 Modulation = 802.11ac VHT20 SS1 (OFDM MCS0)

MIMO Mode = SISO

Images:



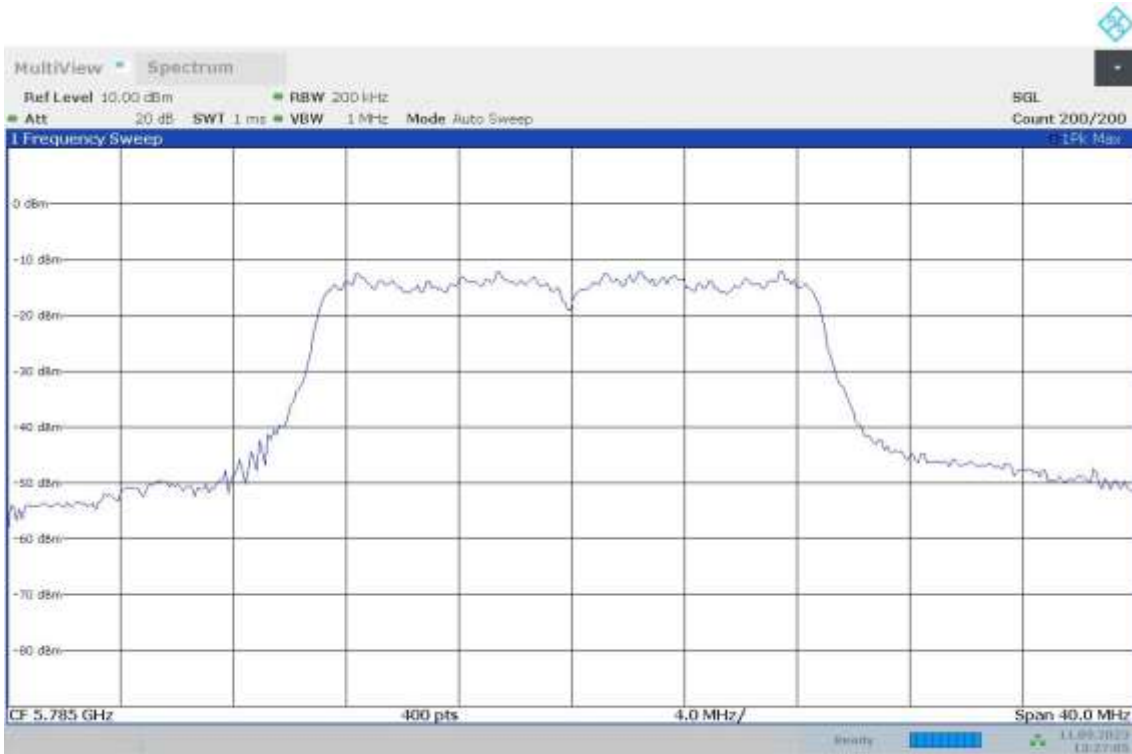
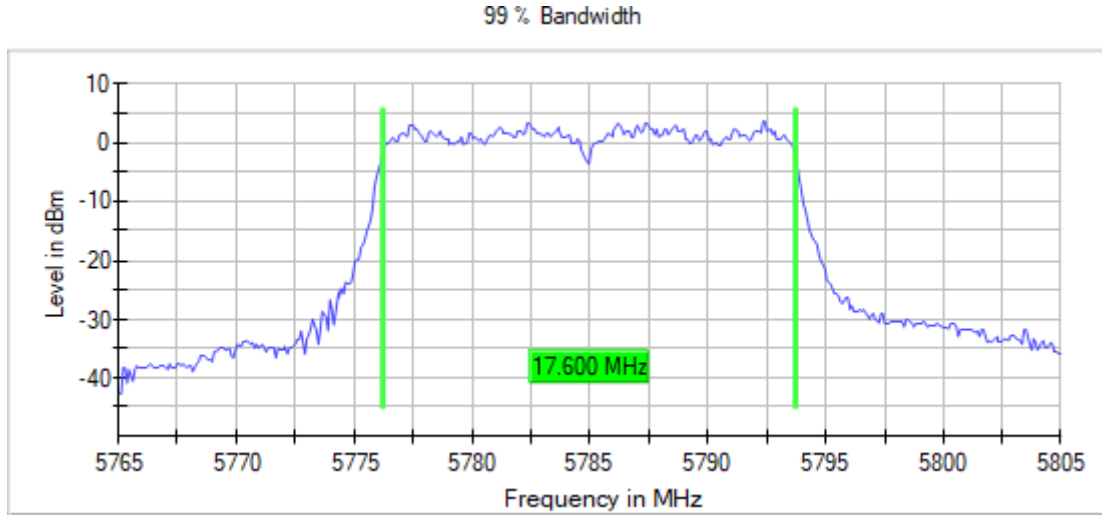
12:59:57 11.09.2023

Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5785.00000 Modulation = 802.11ac VHT20 SS1 (OFDM MCS0)

MIMO Mode = SISO

Images:



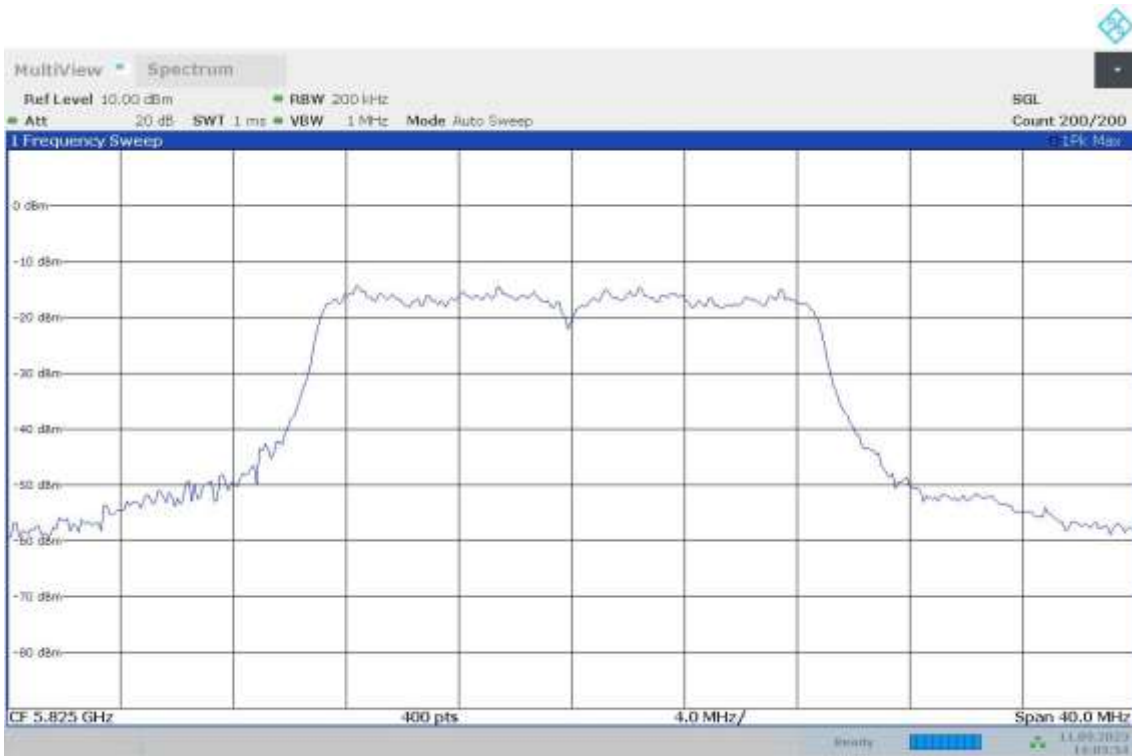
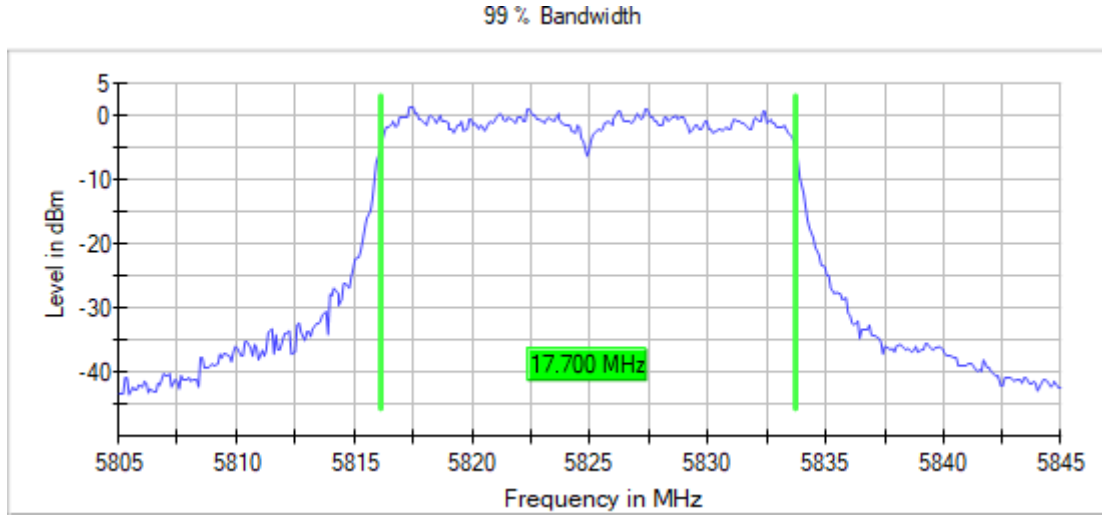
13:27:05 11.09.2023

Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5825.00000 Modulation = 802.11ac VHT20 SS1 (OFDM MCS0)

MIMO Mode = SISO

Images:



14:05:54 11.09.2023

Modulation: 802.11ax HE20 SS1 (OFDMA MCS0)

MIMO Mode: SISO

Results

| Operation Band (MHz) | Port | Freq (MHz) | Occ Ch BW (MHz) |
|----------------------|------|------------|-----------------|
| [5150, 5850] | 1 | 5180.00000 | 18.800 |
| | | 5200.00000 | 18.900 |
| | | 5240.00000 | 18.800 |
| | | 5745.00000 | 18.900 |
| | | 5785.00000 | 18.800 |
| | | 5825.00000 | 18.800 |

Verdict

Pass

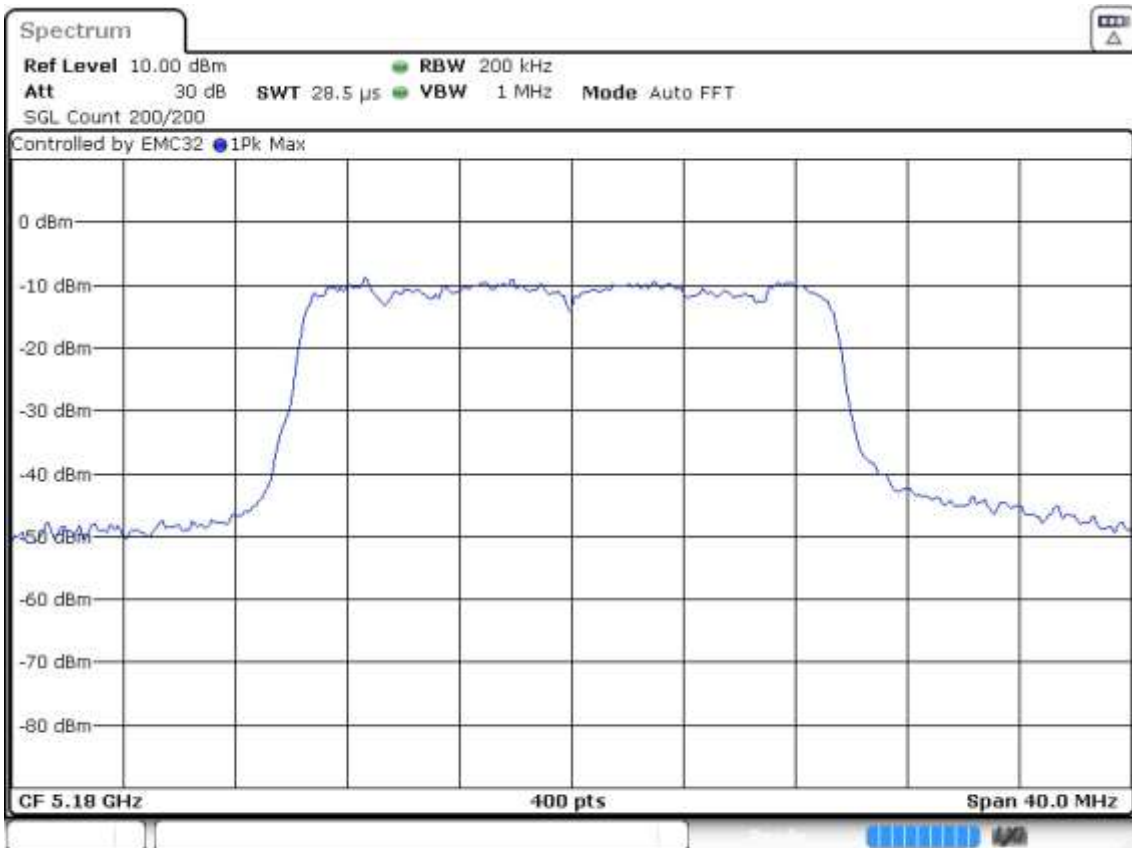
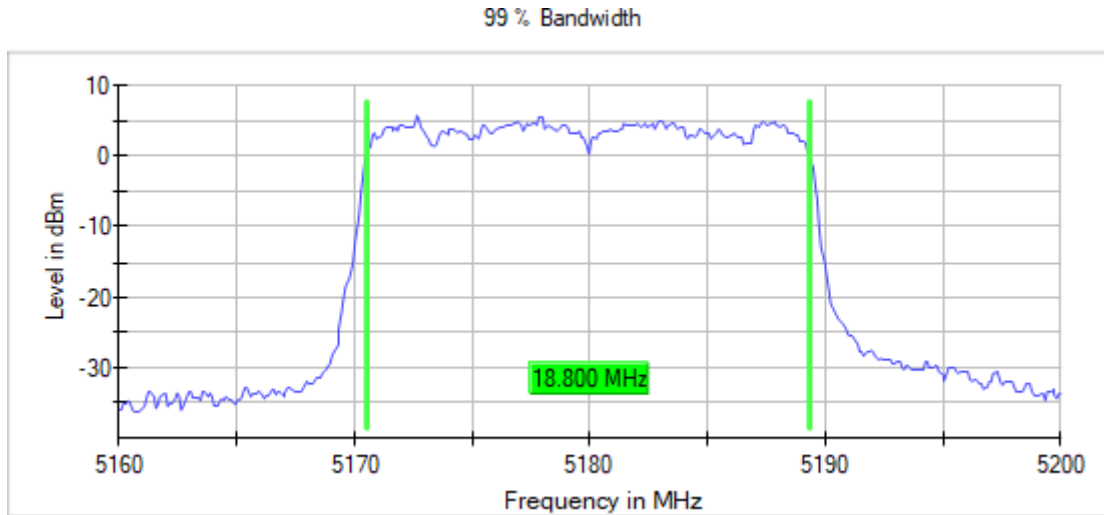
Attachments

Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5180.00000 Modulation = 802.11ax HE20 SS1 (OFDMA MCS0)

MIMO Mode = SISO

Images:



Date: 11.SEP.2023 15:00:22

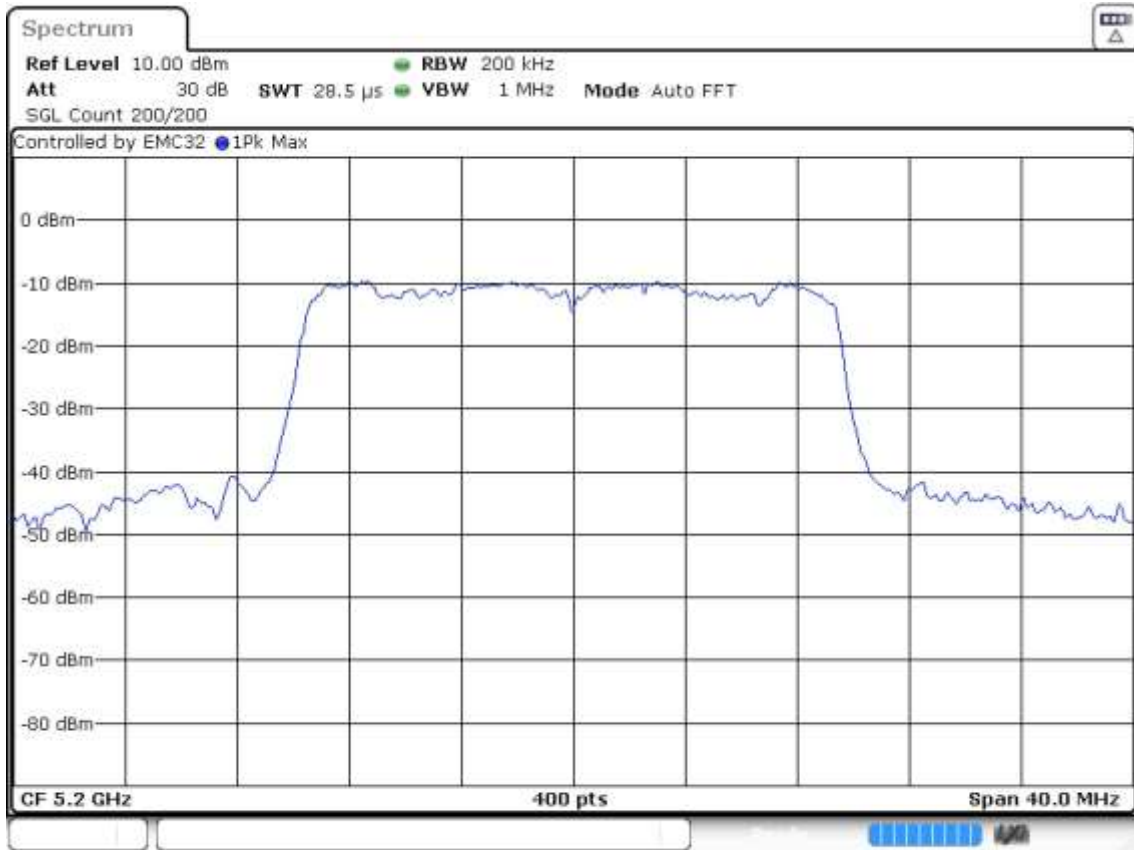
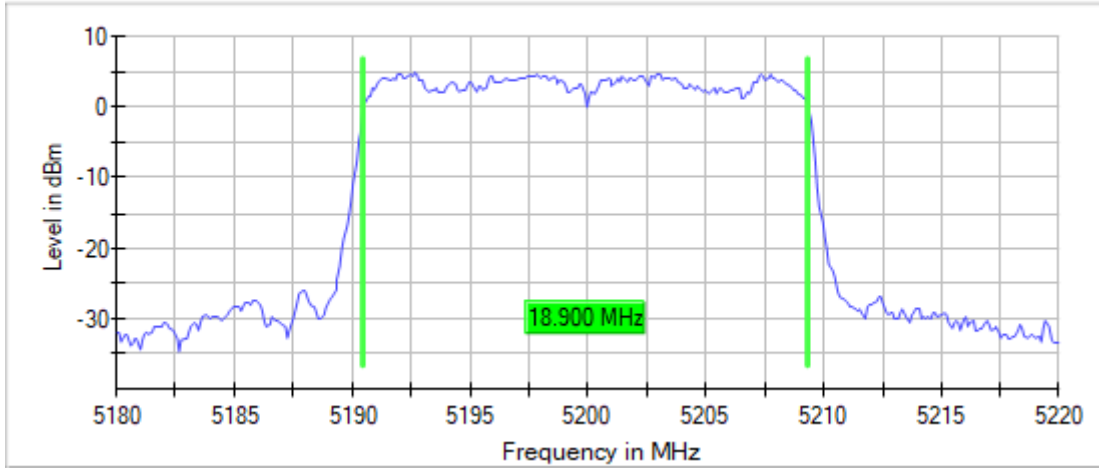
Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5200.00000 Modulation = 802.11ax HE20 SS1 (OFDMA MCS0)

MIMO Mode = SISO

Images:

99 % Bandwidth



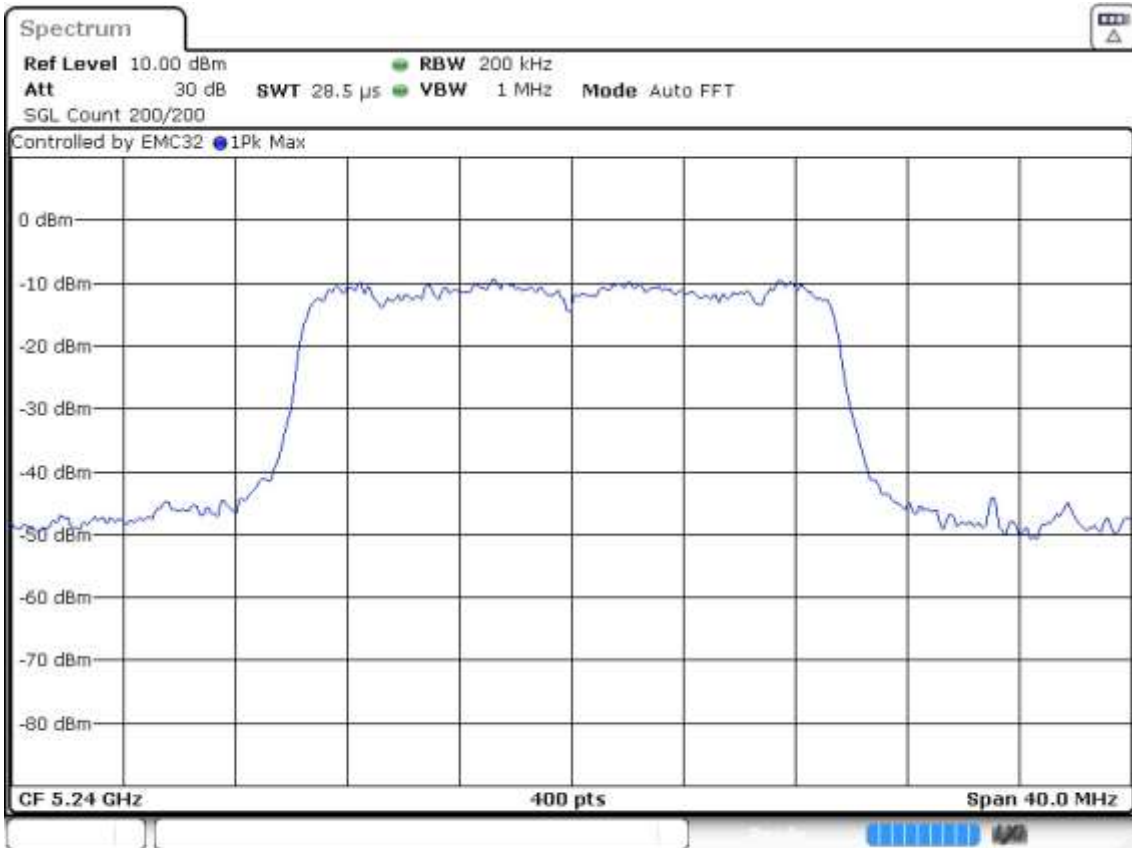
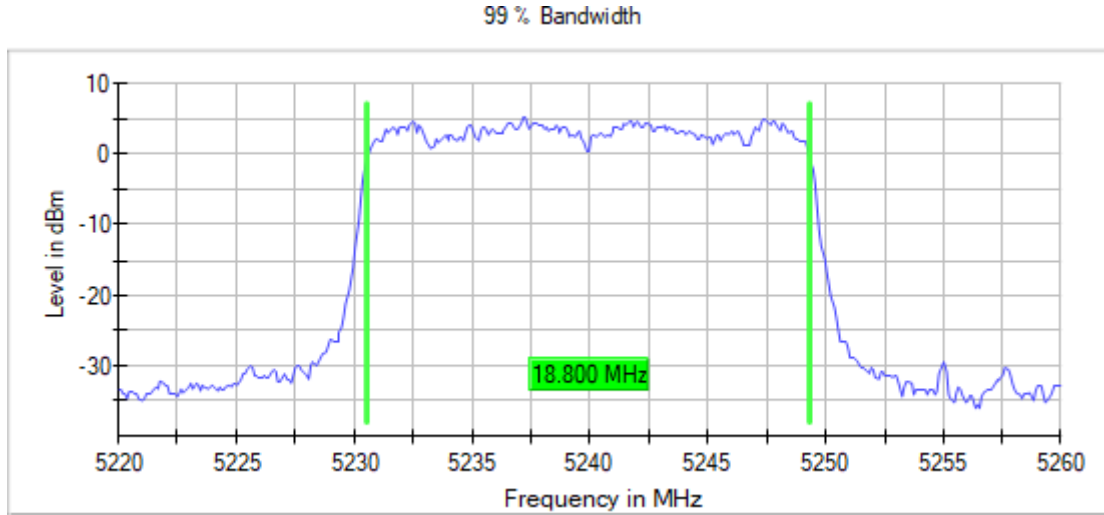
Date: 11.SEP.2023 15:26:52

Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5240.00000 Modulation = 802.11ax HE20 SS1 (OFDMA MCS0)

MIMO Mode = SISO

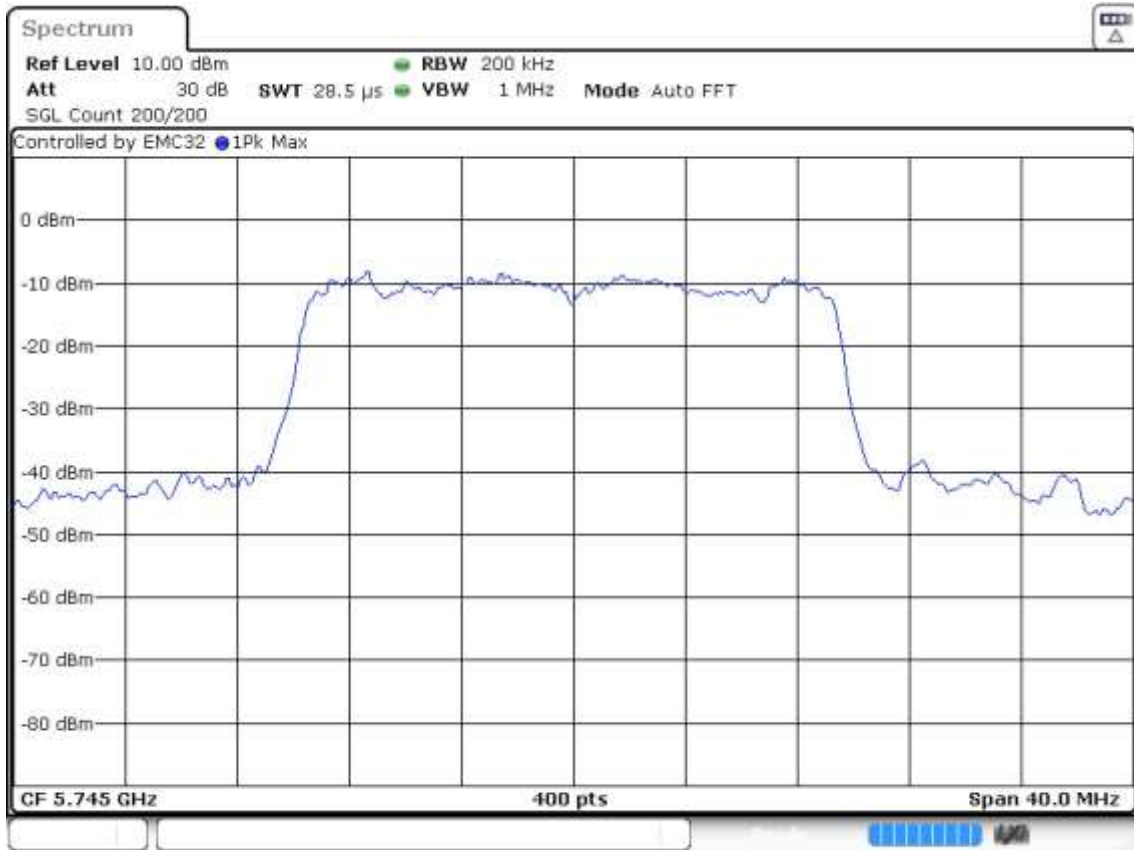
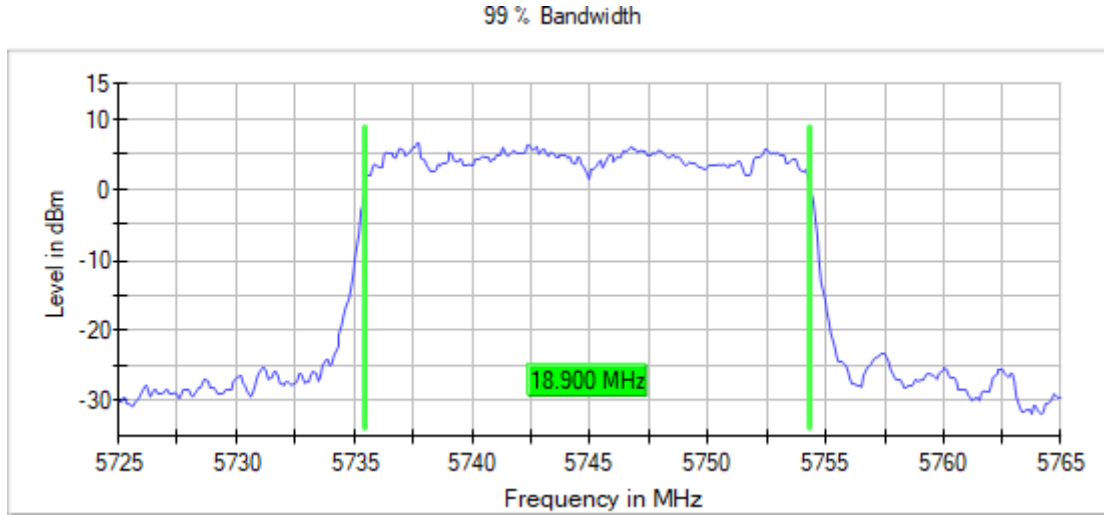
Images:



Date: 11.SEP.2023 15:44:40

Operation Band MHz = [5150, 5850] Active Port = 1
Frequency MHz = 5745.00000 Modulation = 802.11ax HE20 SS1 (OFDMA MCS0)
MIMO Mode = SISO

Images:



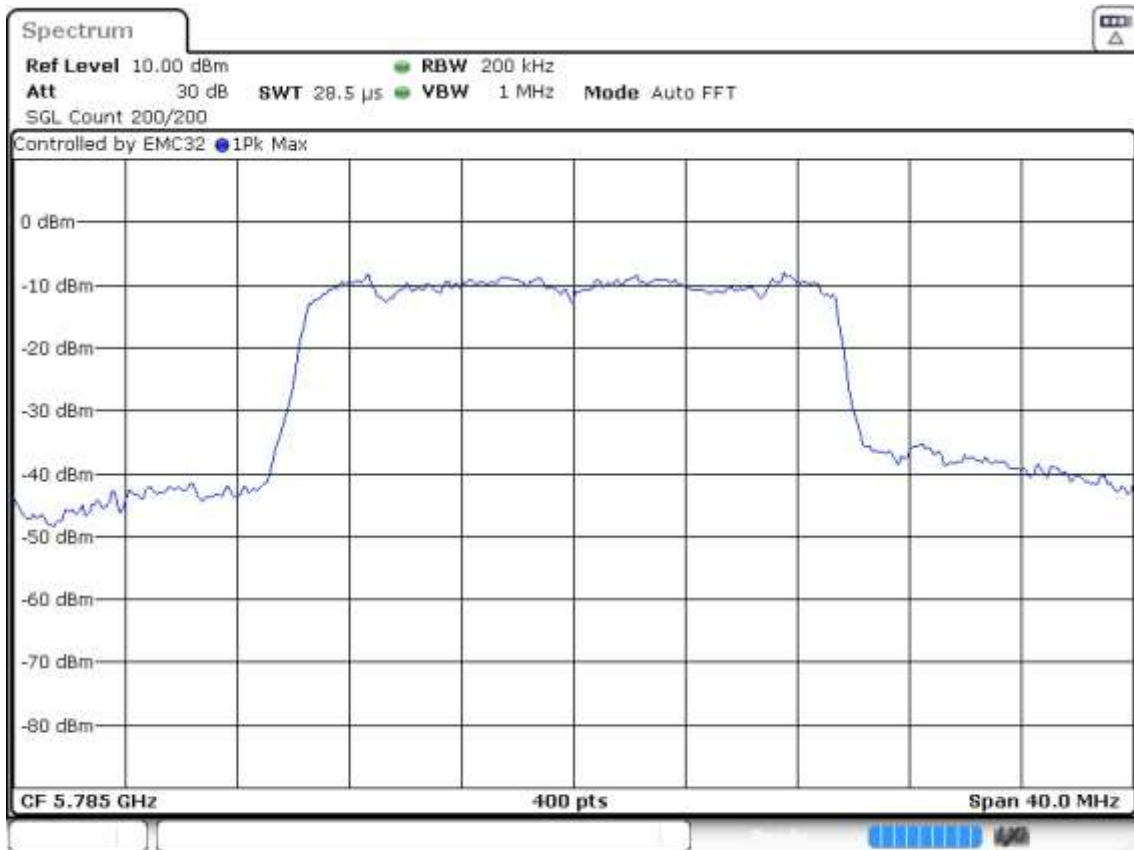
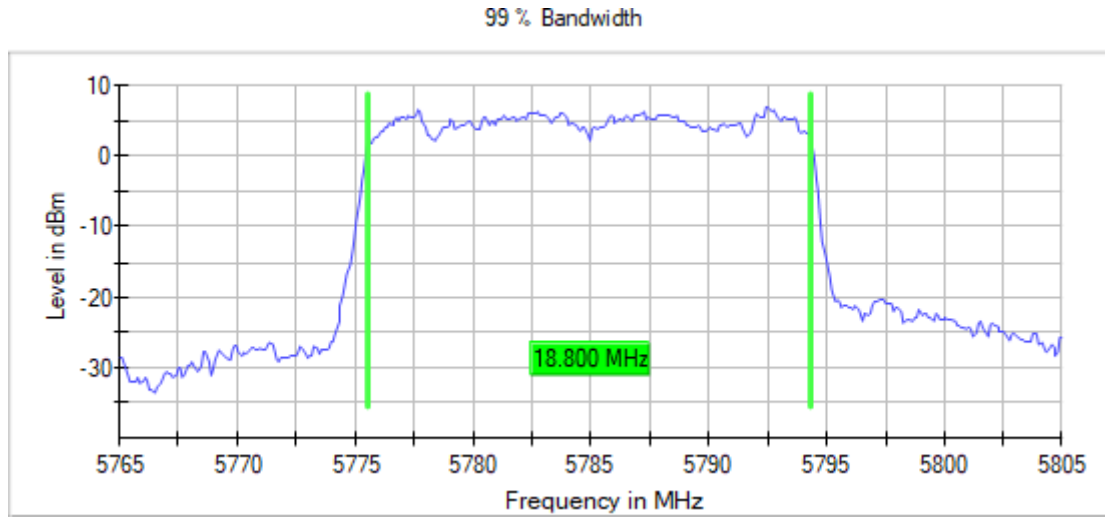
Date: 11.SEP.2023 16:25:27

Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5785.00000 Modulation = 802.11ax HE20 SS1 (OFDMA MCS0)

MIMO Mode = SISO

Images:



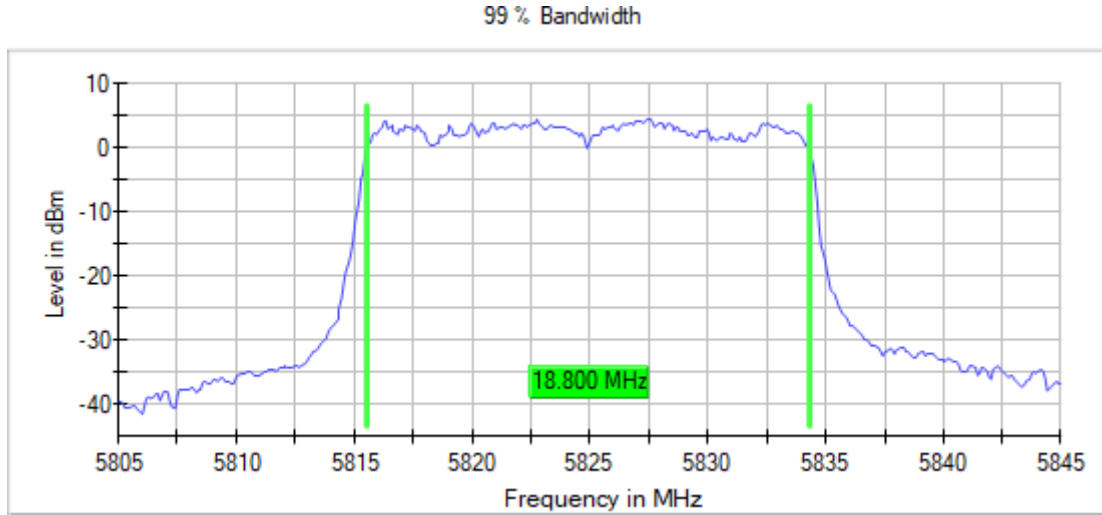
Date: 11.SEP.2023 16:43:53

Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5825.00000 Modulation = 802.11ax HE20 SS1 (OFDMA MCS0)

MIMO Mode = SISO

Images:



Date: 11.SEP.2023 16:58:00

Modulation: 802.11ac VHT40 SS1 (OFDM MCS0)

MIMO Mode: SISO

Results

| Operation Band (MHz) | Port | Freq (MHz) | Occ Ch BW (MHz) |
|----------------------|------|------------|-----------------|
| [5150, 5850] | 1 | 5190.00000 | 36.500 |
| | | 5230.00000 | 36.500 |
| | | 5755.00000 | 36.500 |
| | | 5795.00000 | 36.250 |

Verdict

Pass

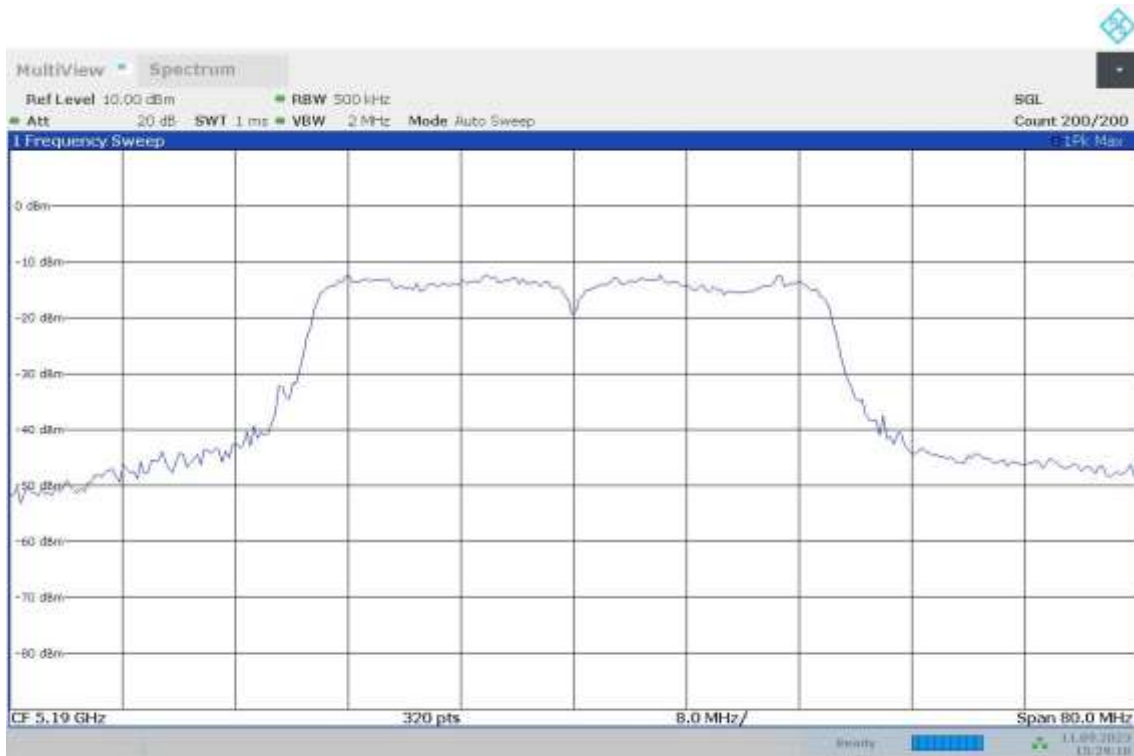
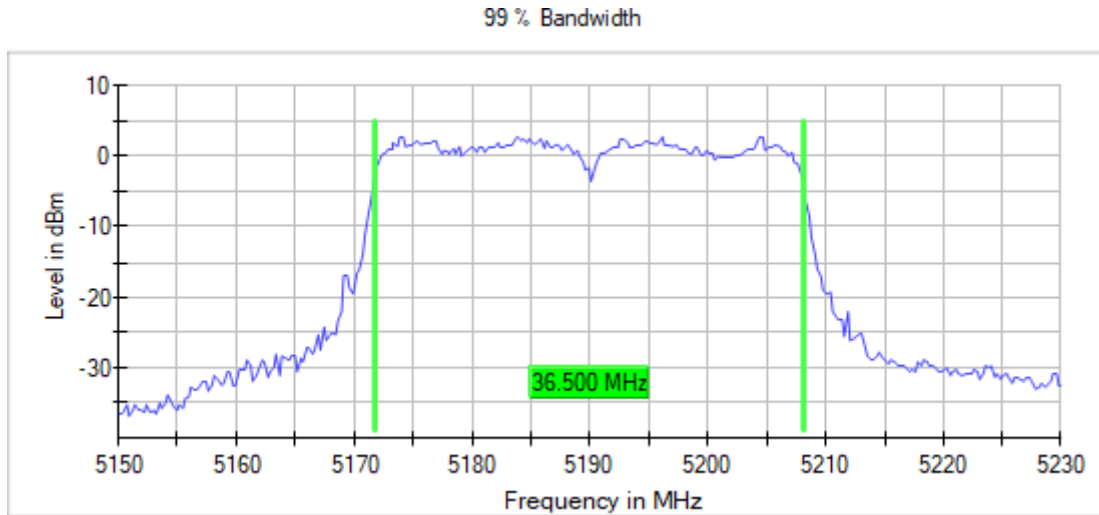
Attachments

Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5190.00000 Modulation = 802.11ac VHT40 SS1 (OFDM MCS0)

MIMO Mode = SISO

Images:



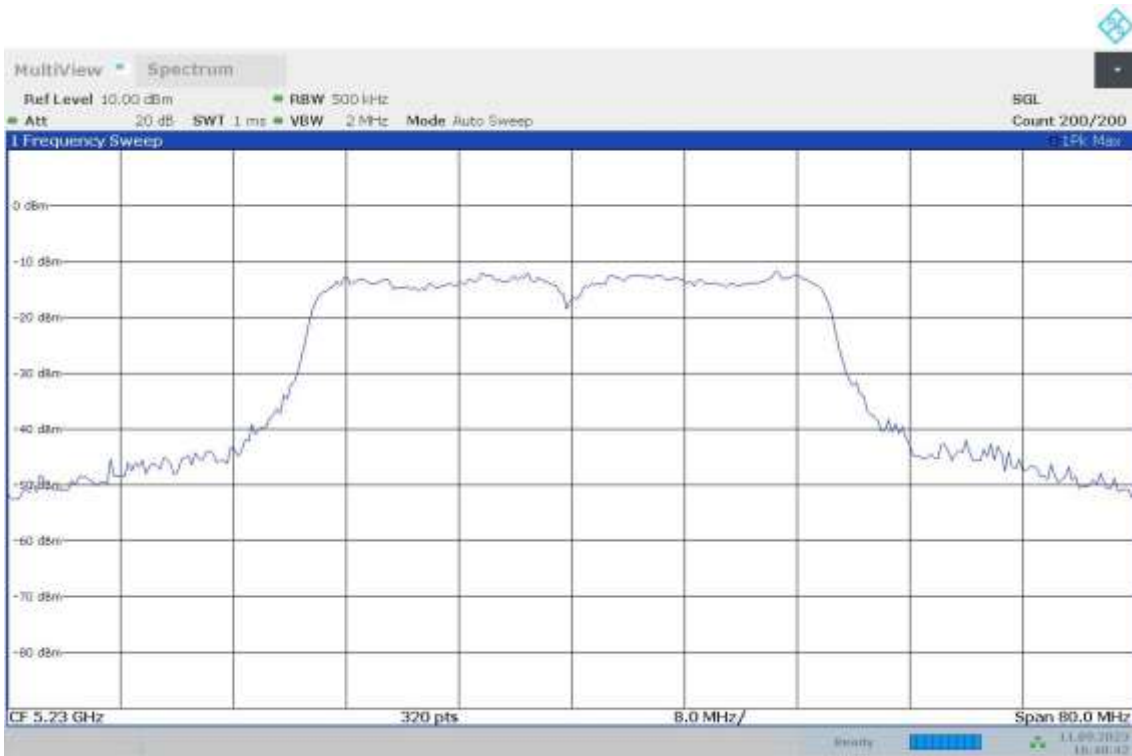
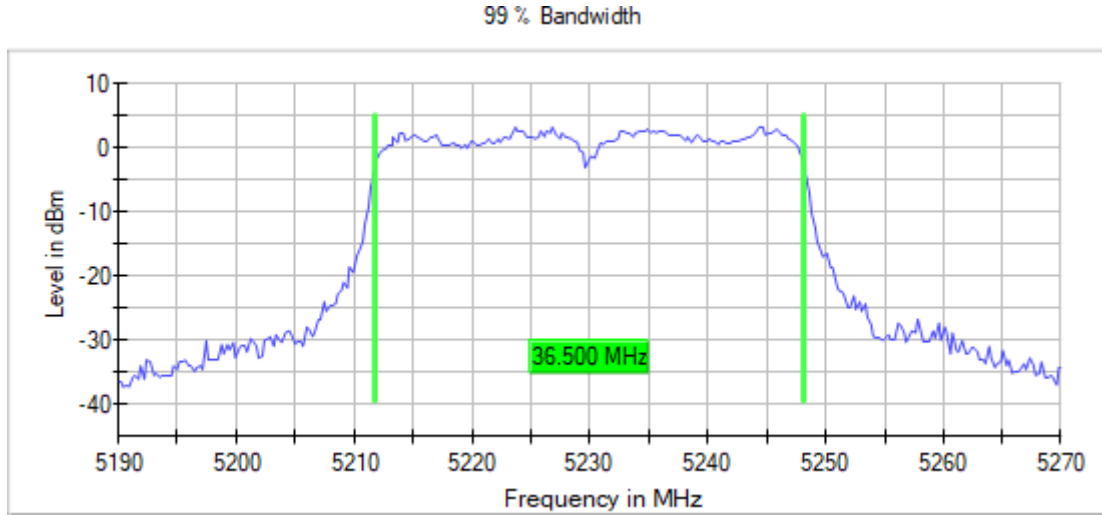
15:29:18 11.09.2023

Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5230.00000 Modulation = 802.11ac VHT40 SS1 (OFDM MCS0)

MIMO Mode = SISO

Images:



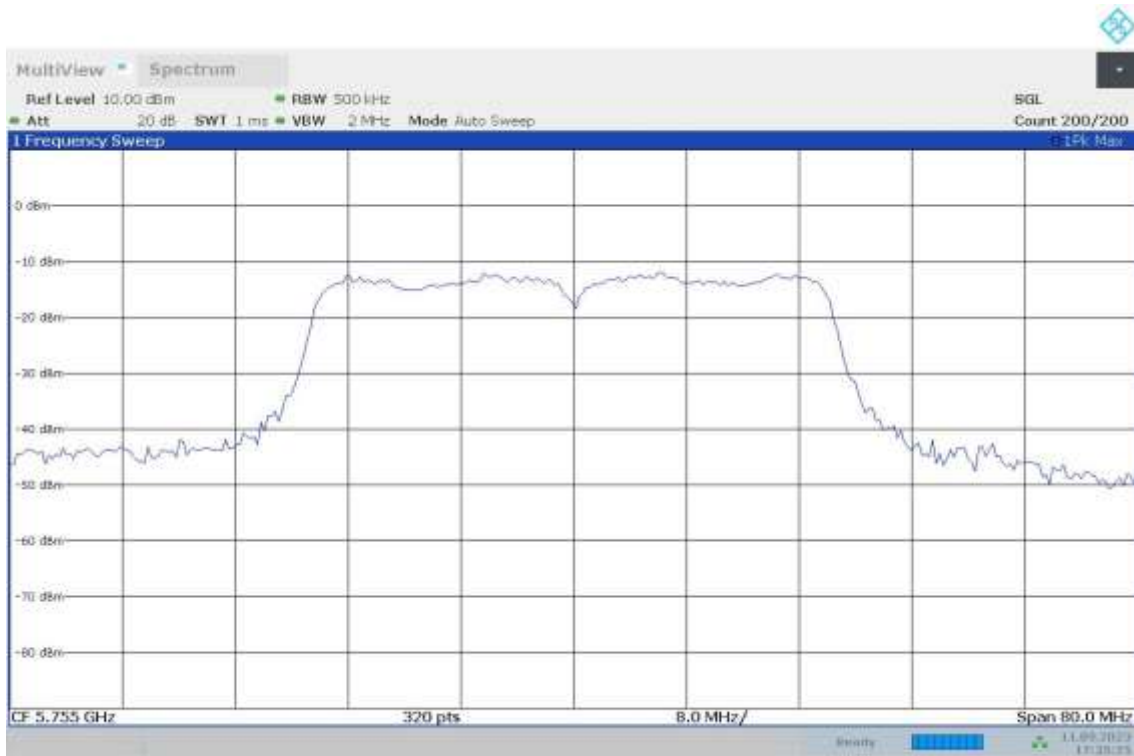
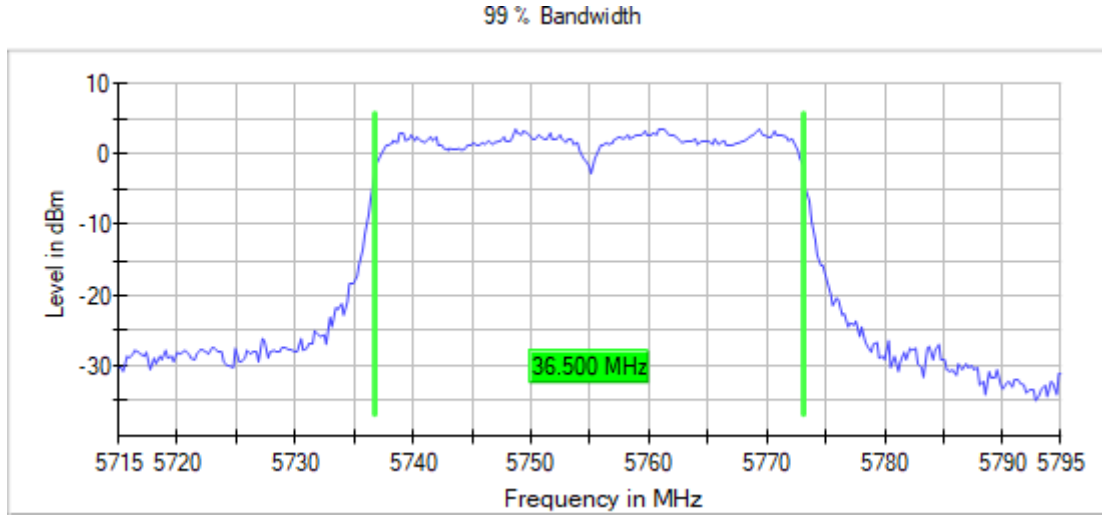
16:40:42 11.09.2023

Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5755.00000 Modulation = 802.11ac VHT40 SS1 (OFDM MCS0)

MIMO Mode = SISO

Images:



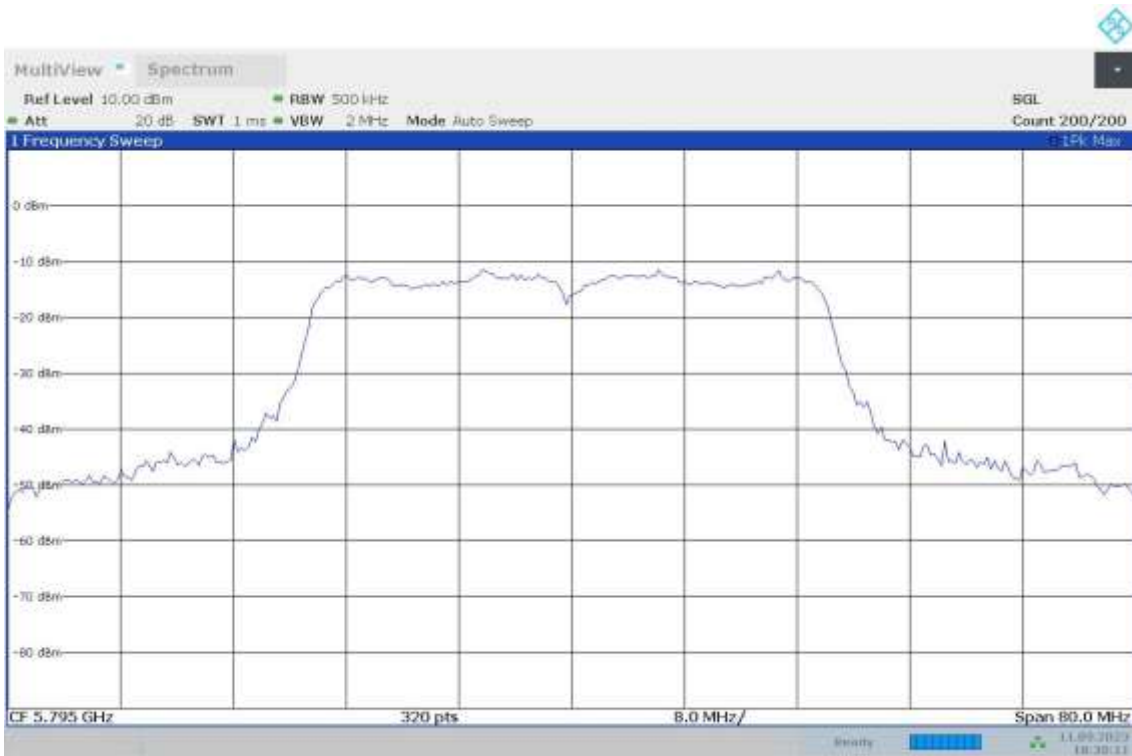
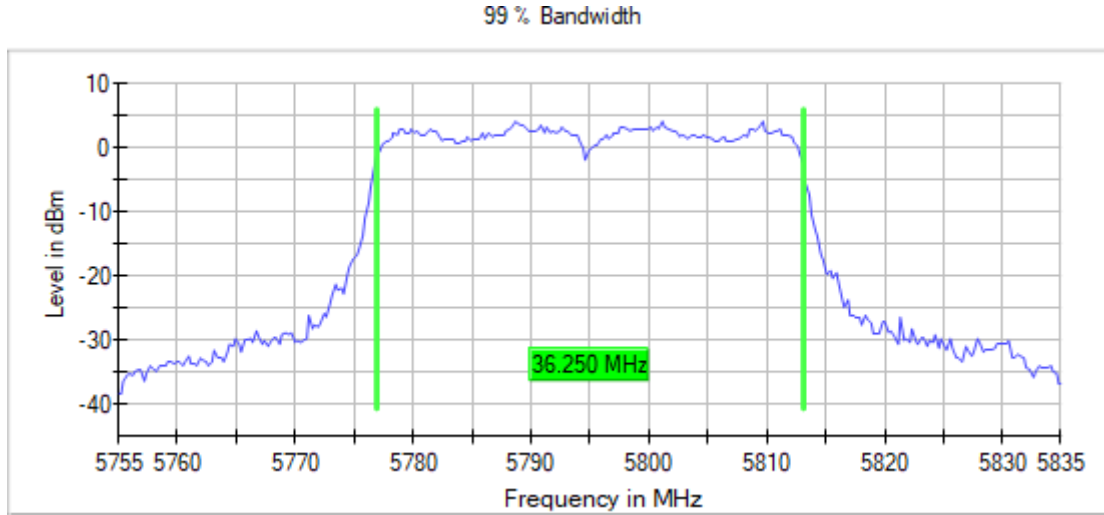
17:35:26 11.09.2023

Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5795.00000 Modulation = 802.11ac VHT40 SS1 (OFDM MCS0)

MIMO Mode = SISO

Images:



18:30:12 11.09.2023

Modulation: 802.11ax HE40 SS1 (OFDMA MCS0)

MIMO Mode: SISO

Results

| Operation Band (MHz) | Port | Freq (MHz) | Occ Ch BW (MHz) |
|----------------------|------|------------|-----------------|
| [5150, 5850] | 1 | 5190.00000 | 37.500 |
| | | 5230.00000 | 37.750 |
| | | 5755.00000 | 37.750 |
| | | 5795.00000 | 37.750 |

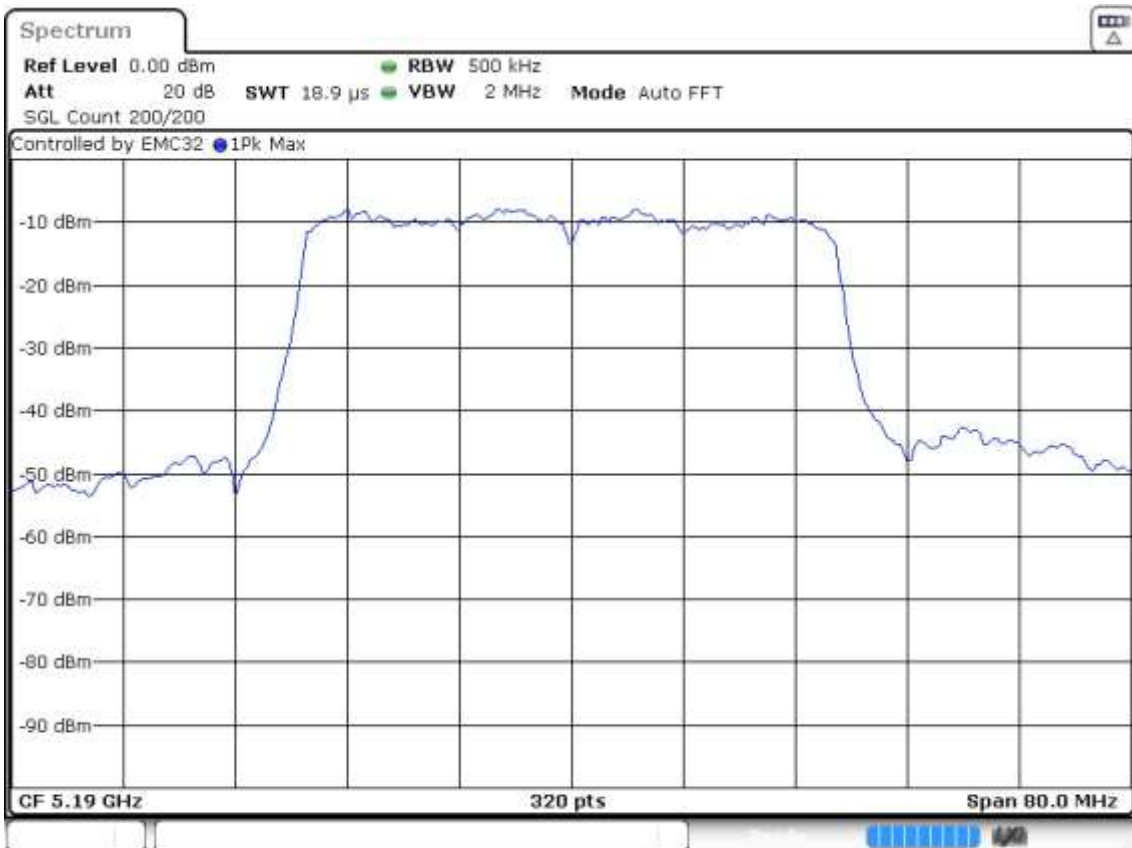
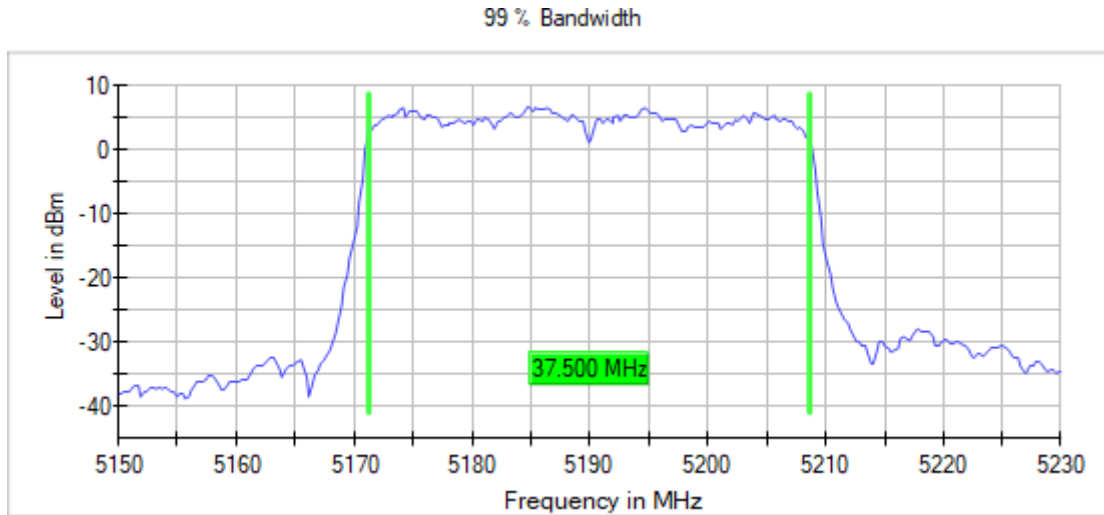
Verdict

Pass

Attachments

Operation Band MHz = [5150, 5850] Active Port = 1
Frequency MHz = 5190.00000 Modulation = 802.11ax HE40 SS1 (OFDMA MCS0)
MIMO Mode = SISO

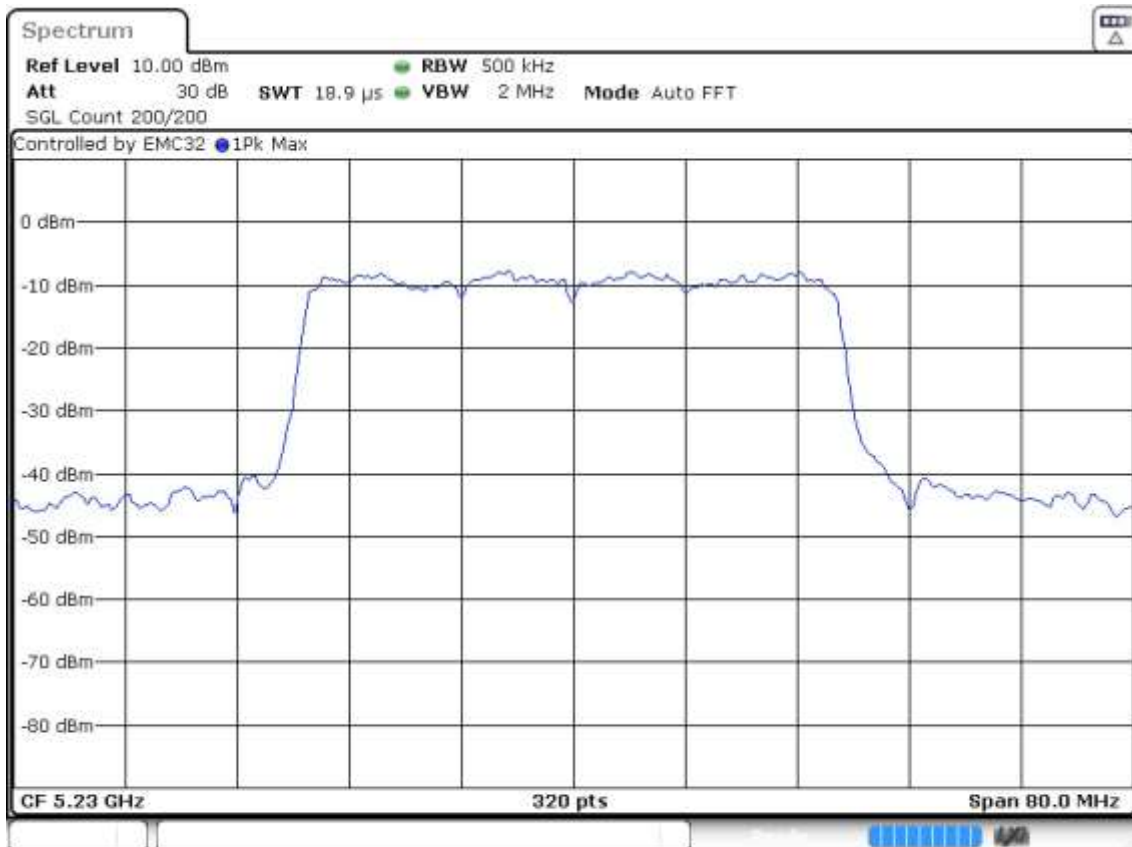
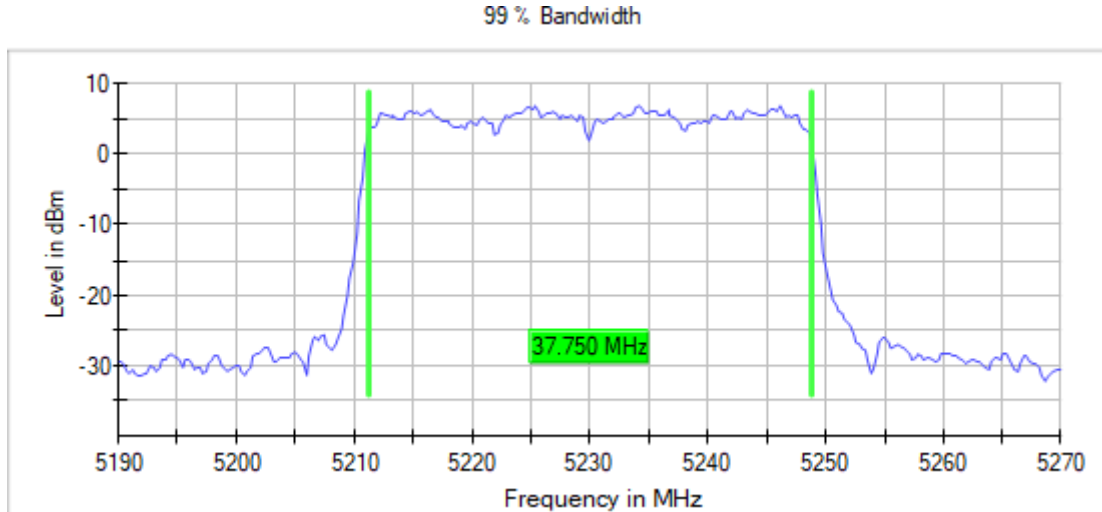
Images:



Date: 11.SEP.2023 18:32:09

Operation Band MHz = [5150, 5850] Active Port = 1
Frequency MHz = 5230.00000 Modulation = 802.11ax HE40 SS1 (OFDMA MCS0)
MIMO Mode = SISO

Images:



Date: 11.SEP.2023 19:17:50

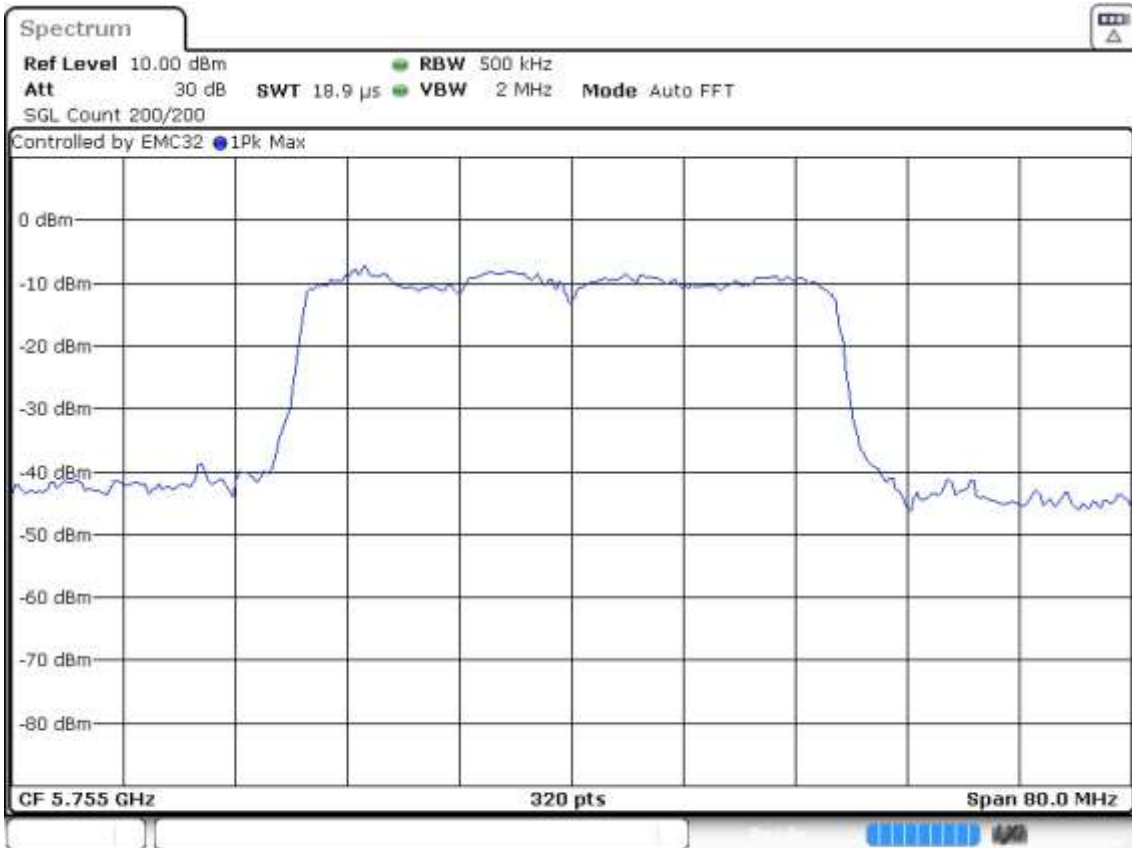
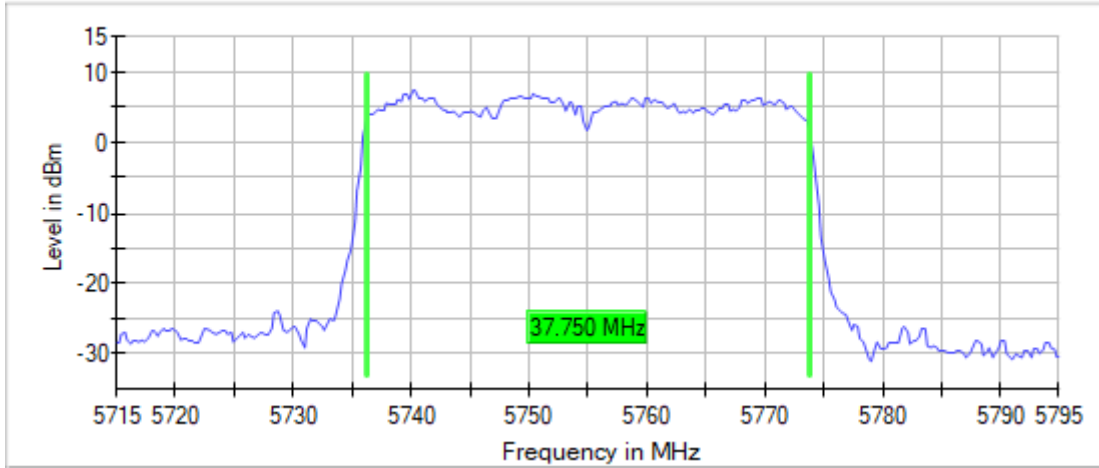
Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5755.00000 Modulation = 802.11ax HE40 SS1 (OFDMA MCS0)

MIMO Mode = SISO

Images:

99 % Bandwidth



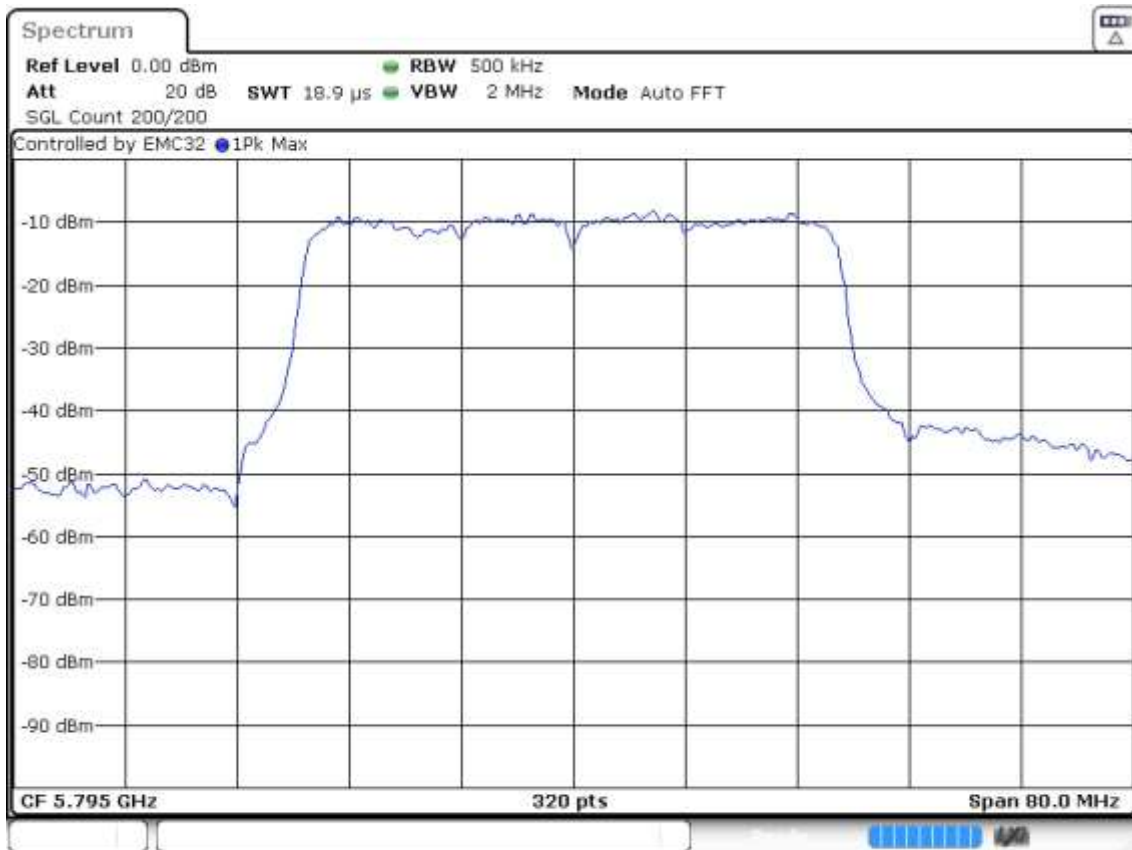
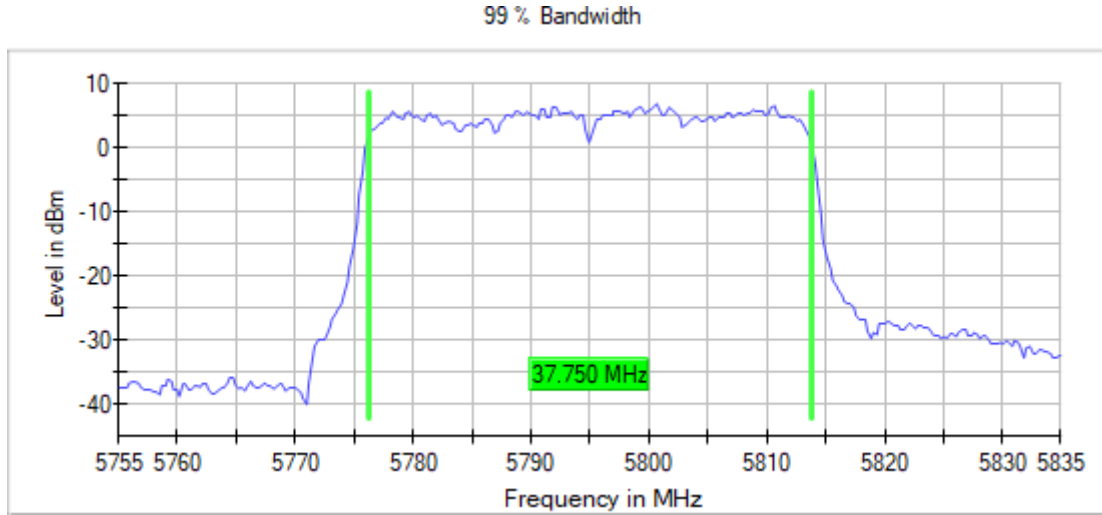
Date: 11.SEP.2023 19:56:49

Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5795.00000 Modulation = 802.11ax HE40 SS1 (OFDMA MCS0)

MIMO Mode = SISO

Images:



Date: 11.SEP.2023 20:35:24

Modulation: 802.11ac VHT80 SS1 (OFDM MCS0)

MIMO Mode: SISO

Results

| Operation Band (MHz) | Port | Freq (MHz) | Occ Ch BW (MHz) |
|----------------------|------|------------|-----------------|
| [5150, 5850] | 1 | 5210.00000 | 77.500 |
| | | 5775.00000 | 77.500 |

Verdict

Pass

Attachments

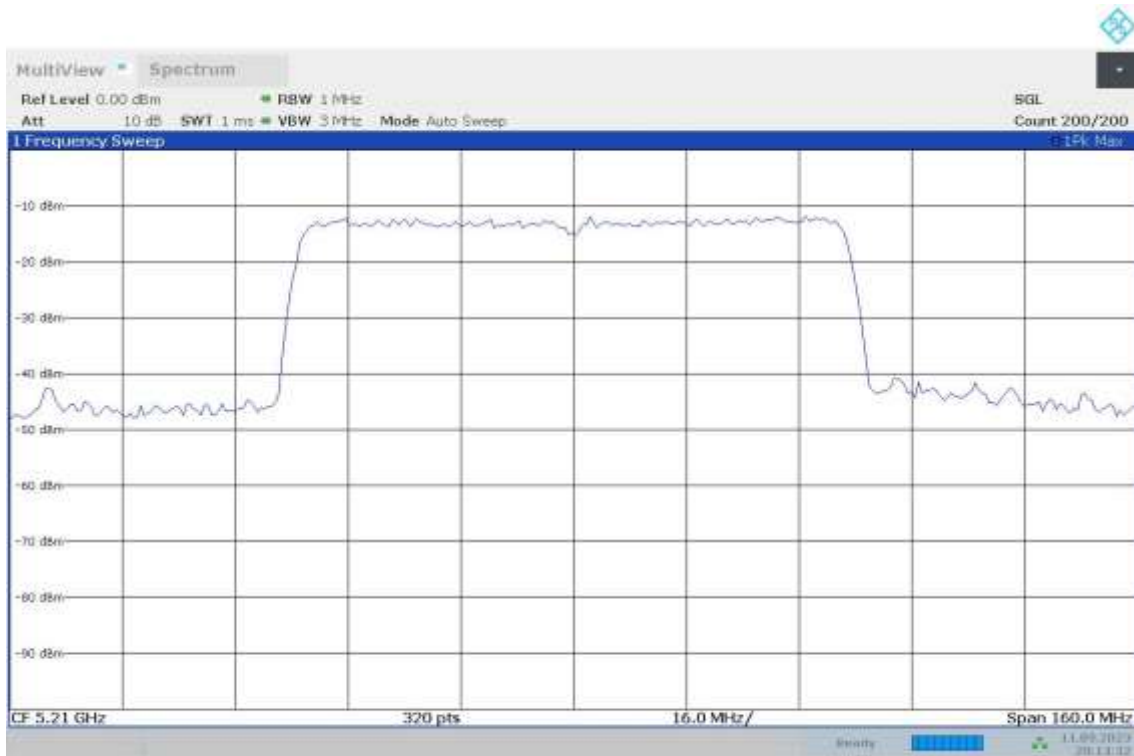
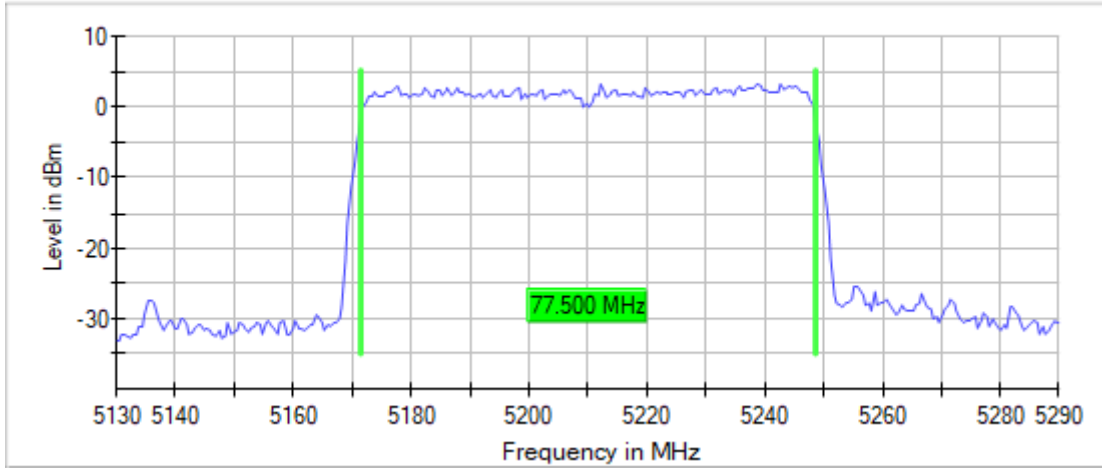
Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5210.00000 Modulation = 802.11ac VHT80 SS1 (OFDM MCS0)

MIMO Mode = SISO

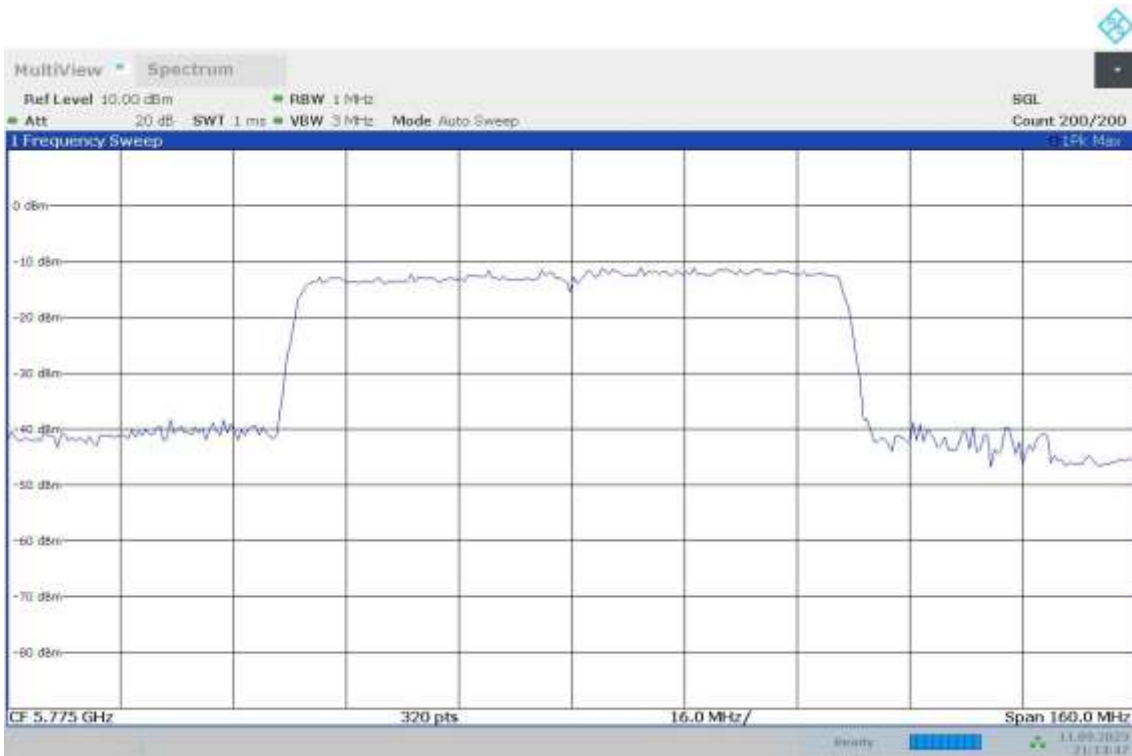
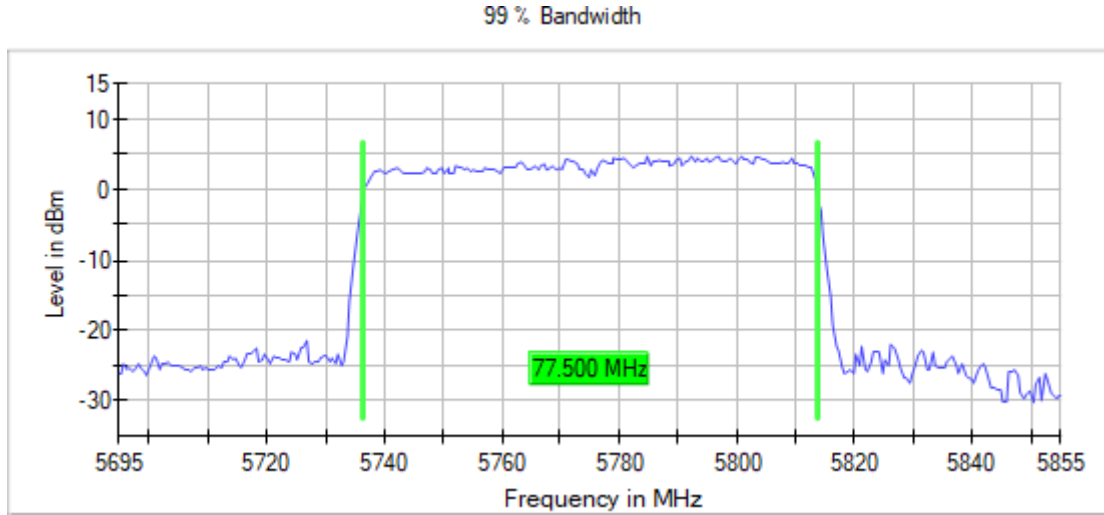
Images:

99 % Bandwidth



Operation Band MHz = [5150, 5850] Active Port = 1
Frequency MHz = 5775.00000 Modulation = 802.11ac VHT80 SS1 (OFDM MCS0)
MIMO Mode = SISO

Images:



21:13:48 11.09.2023

Modulation: 802.11ax HE80 SS1 (OFDMA MCS0)

MIMO Mode: SISO

Results

| Operation Band (MHz) | Port | Freq (MHz) | Occ Ch BW (MHz) |
|----------------------|------|------------|-----------------|
| [5150, 5850] | 1 | 5210.00000 | 78.000 |
| | | 5775.00000 | 78.000 |

Verdict

Pass

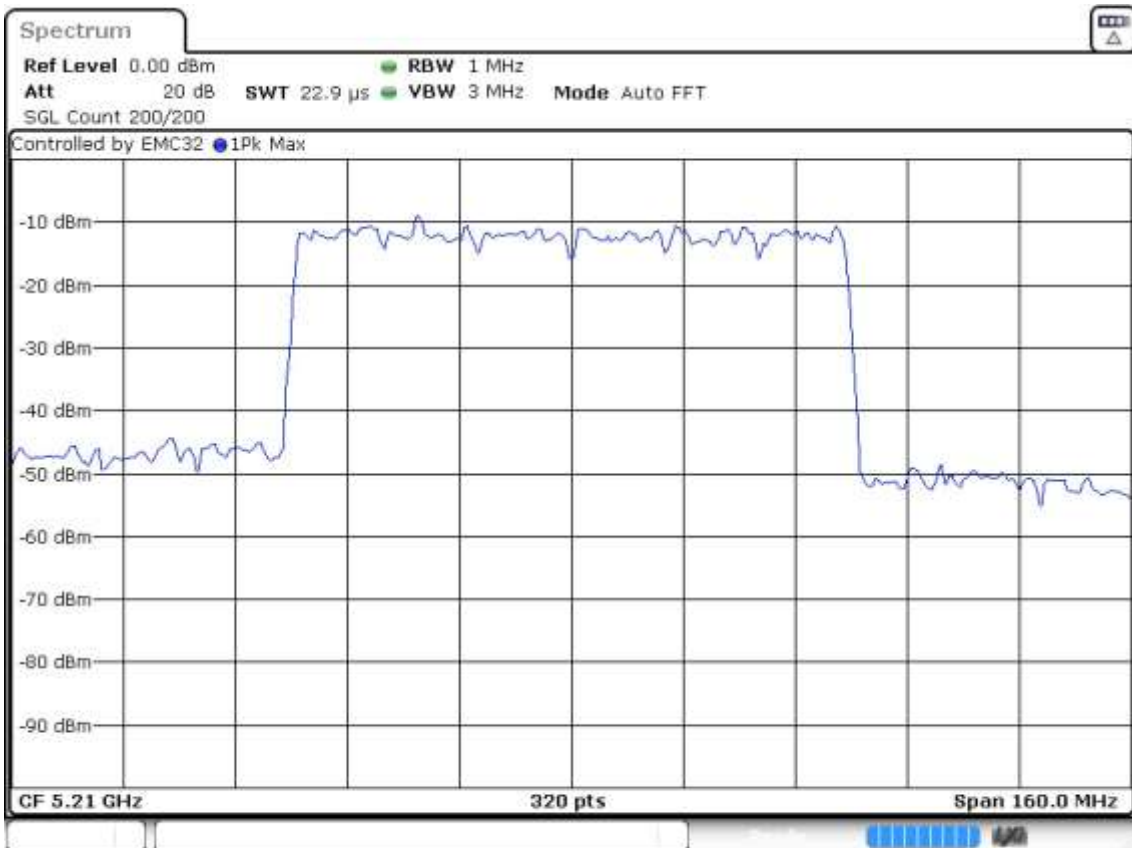
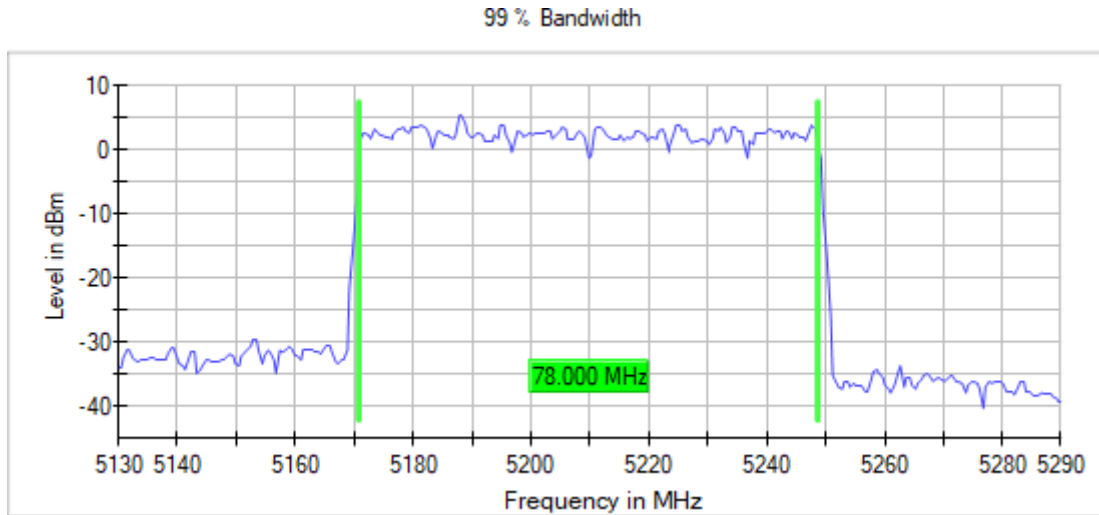
Attachments

Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5210.00000 Modulation = 802.11ax HE80 SS1 (OFDMA MCS0)

MIMO Mode = SISO

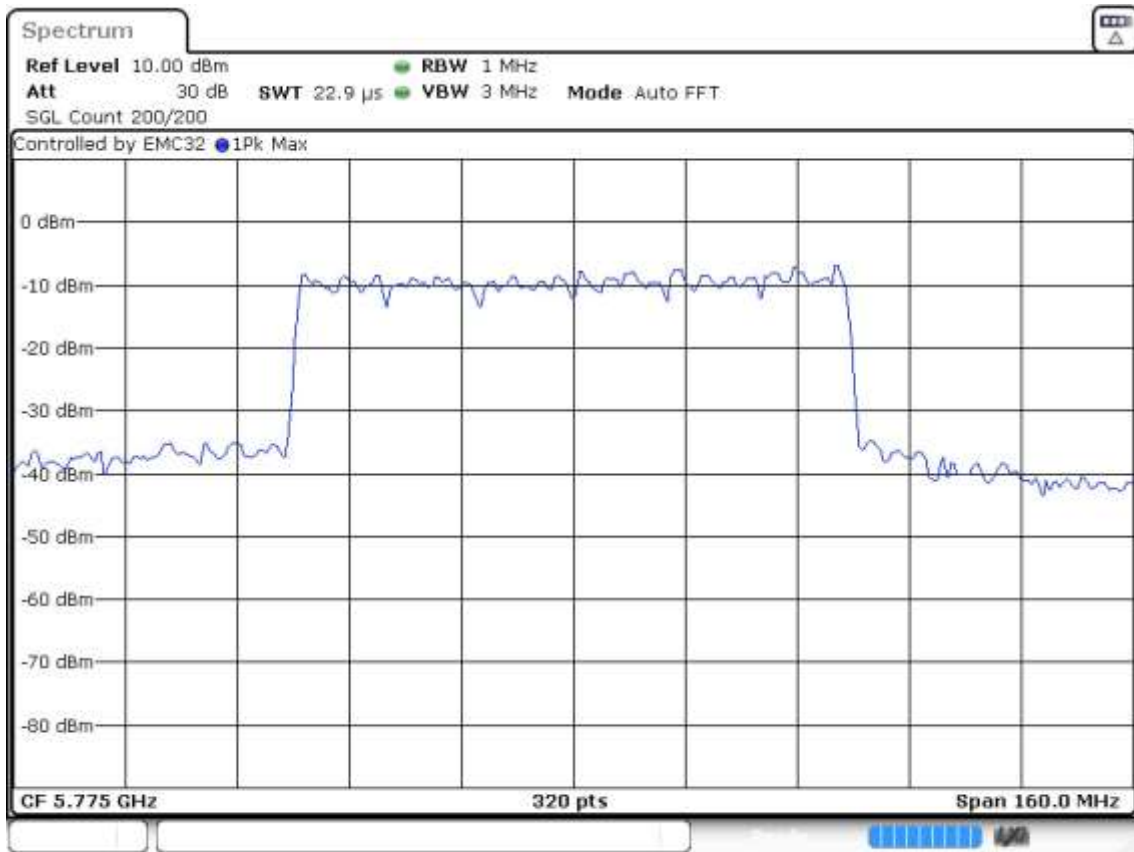
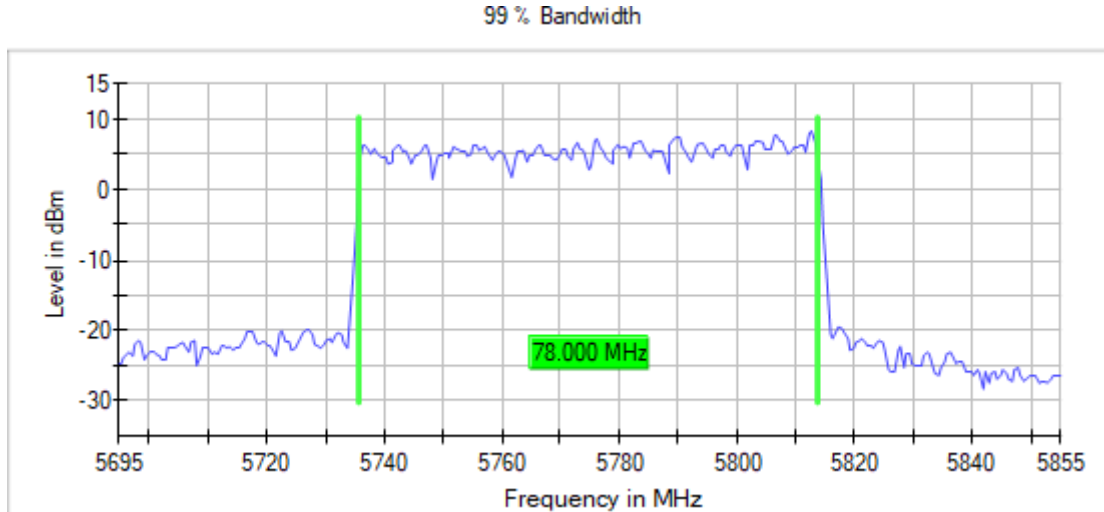
Images:



Date: 12.SEP.2023 11:09:36

Operation Band MHz = [5150, 5850] Active Port = 1
Frequency MHz = 5775.00000 Modulation = 802.11ax HE80 SS1 (OFDMA MCS0)
MIMO Mode = SISO

Images:



Date: 12 SEP.2023 11:56:05

Modulation: 802.11a (OFDM 6 Mbit/s)

MIMO Mode: SISO

Results

| Operation Band (MHz) | Port | Freq (MHz) | Occ Ch BW (MHz) |
|----------------------|------|------------|-----------------|
| [5150, 5850] | 1 | 5180.00000 | 16.700 |
| | | 5200.00000 | 16.700 |
| | | 5240.00000 | 16.600 |
| | | 5745.00000 | 16.700 |
| | | 5785.00000 | 16.600 |
| | | 5825.00000 | 16.700 |

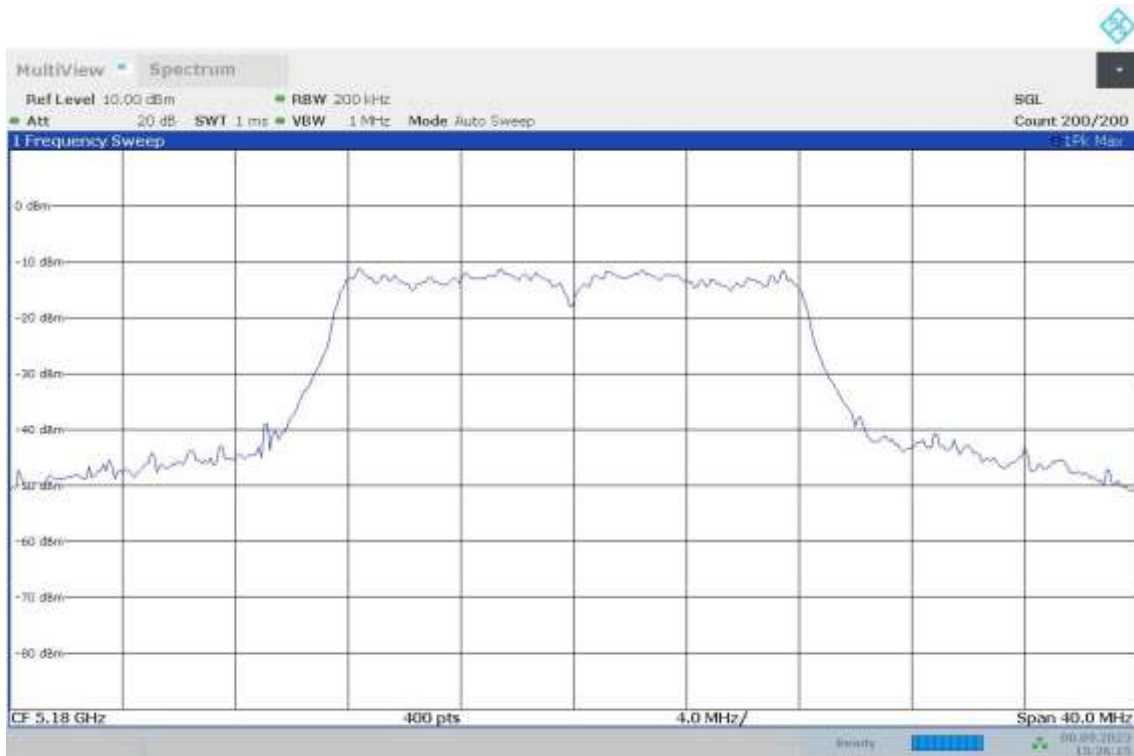
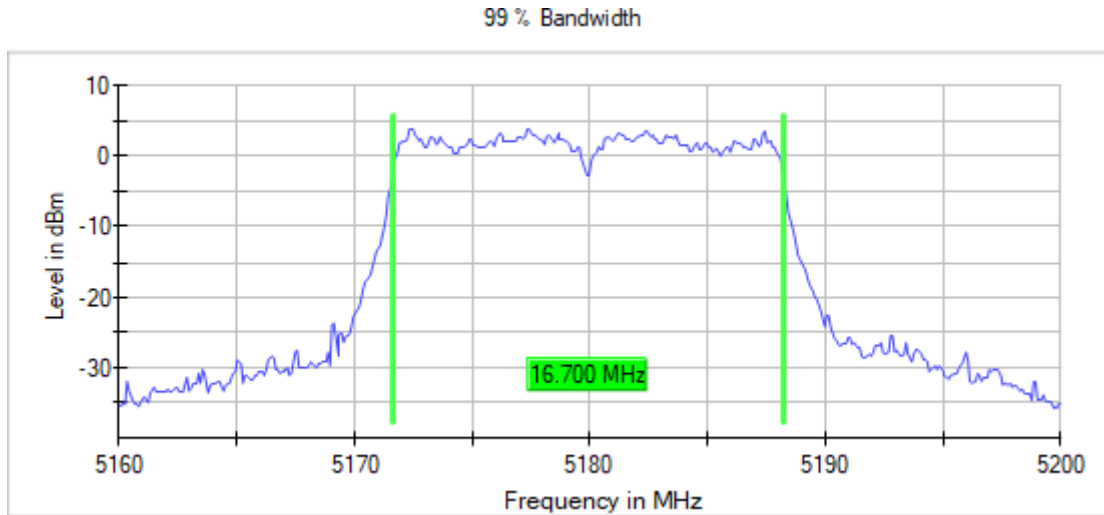
Verdict

Pass

Attachments

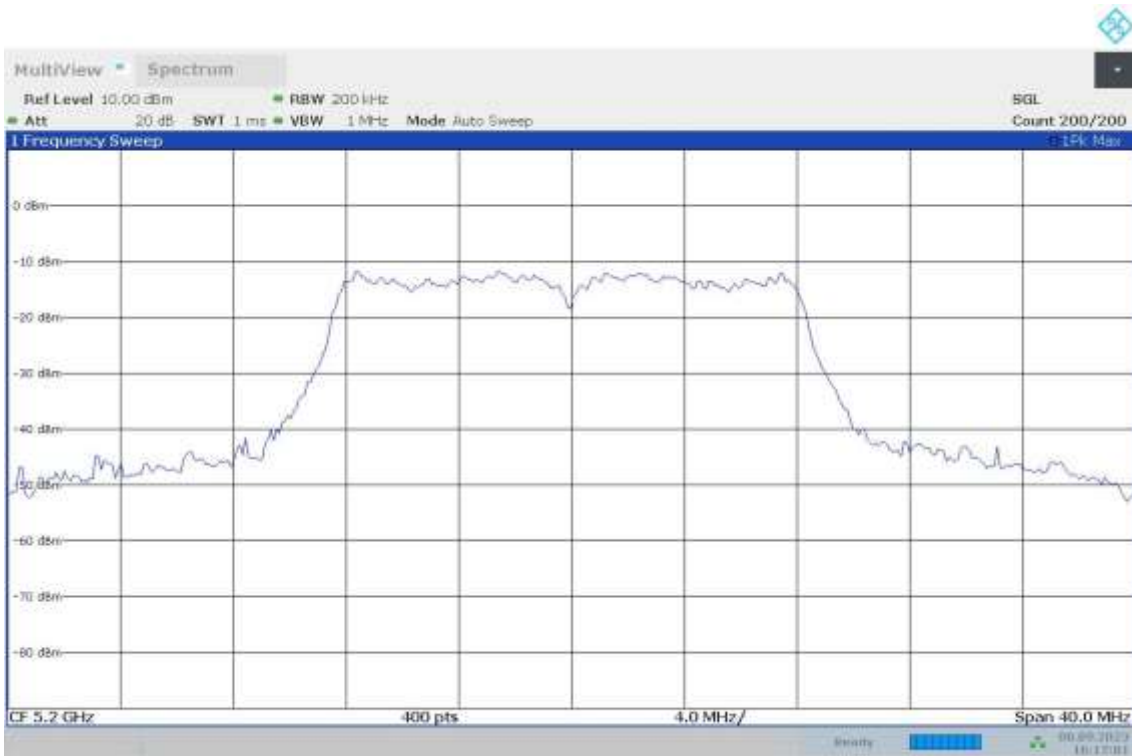
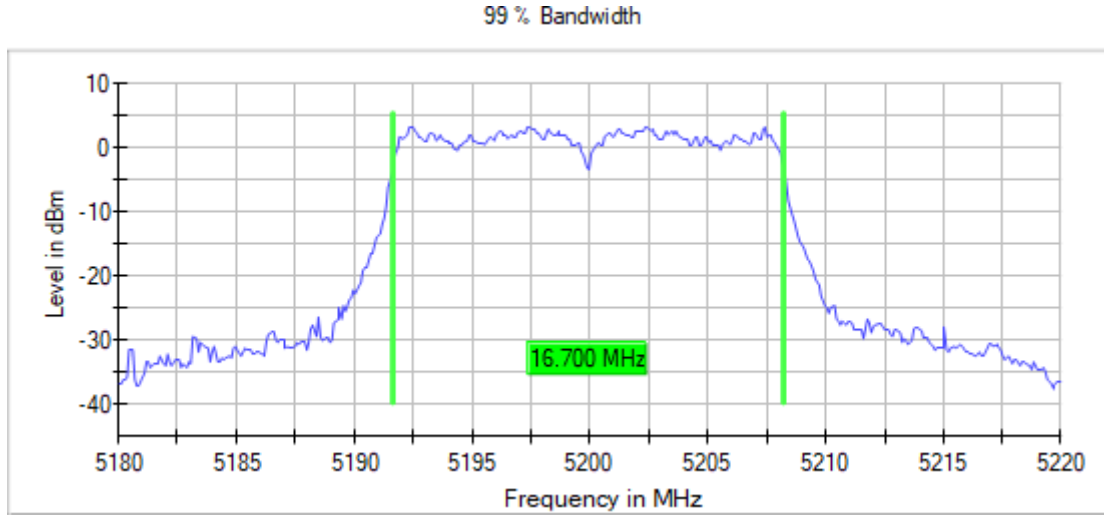
Operation Band MHz = [5150, 5850] Active Port = 1
Frequency MHz = 5180.00000 Modulation = 802.11a (OFDM 6 Mbit/s)
MIMO Mode = SISO

Images:



Operation Band MHz = [5150, 5850] Active Port = 1
Frequency MHz = 5200.00000 Modulation = 802.11a (OFDM 6 Mbit/s)
MIMO Mode = SISO

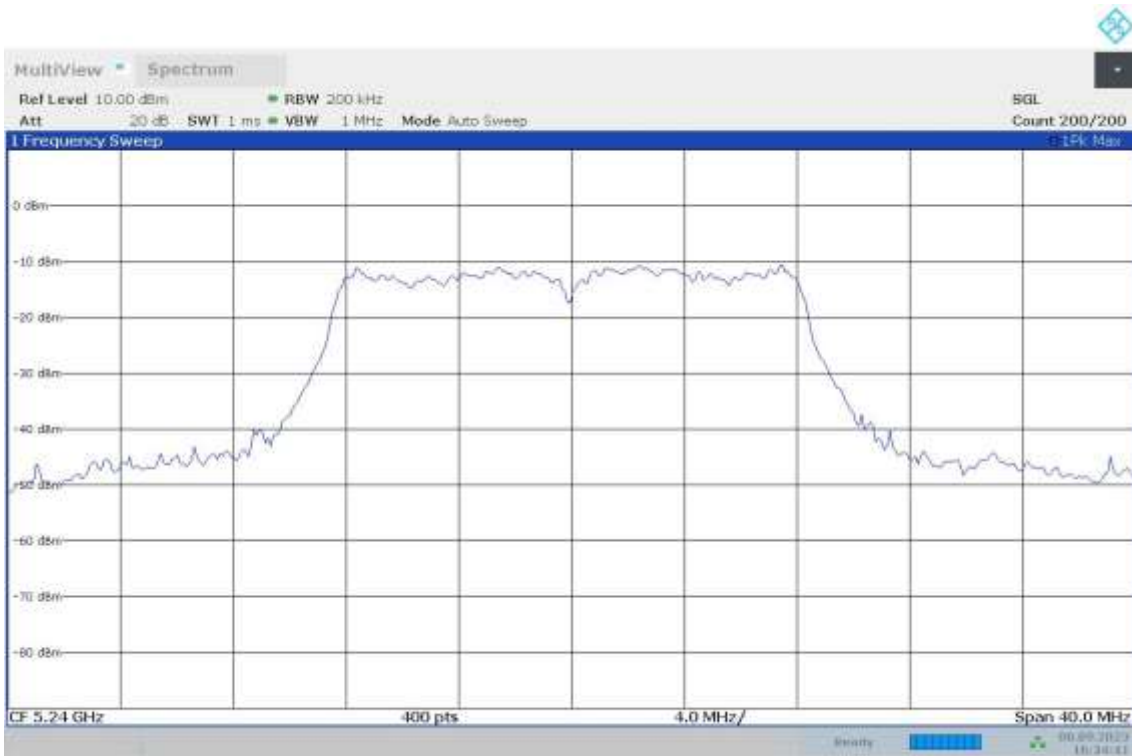
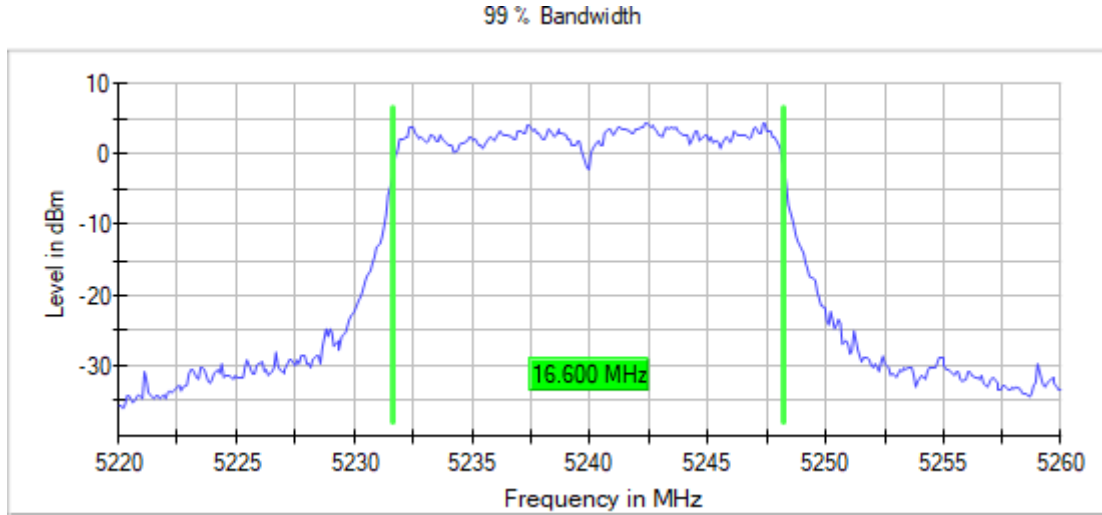
Images:



16:17:01 08.09.2023

Operation Band MHz = [5150, 5850] Active Port = 1
Frequency MHz = 5240.00000 Modulation = 802.11a (OFDM 6 Mbit/s)
MIMO Mode = SISO

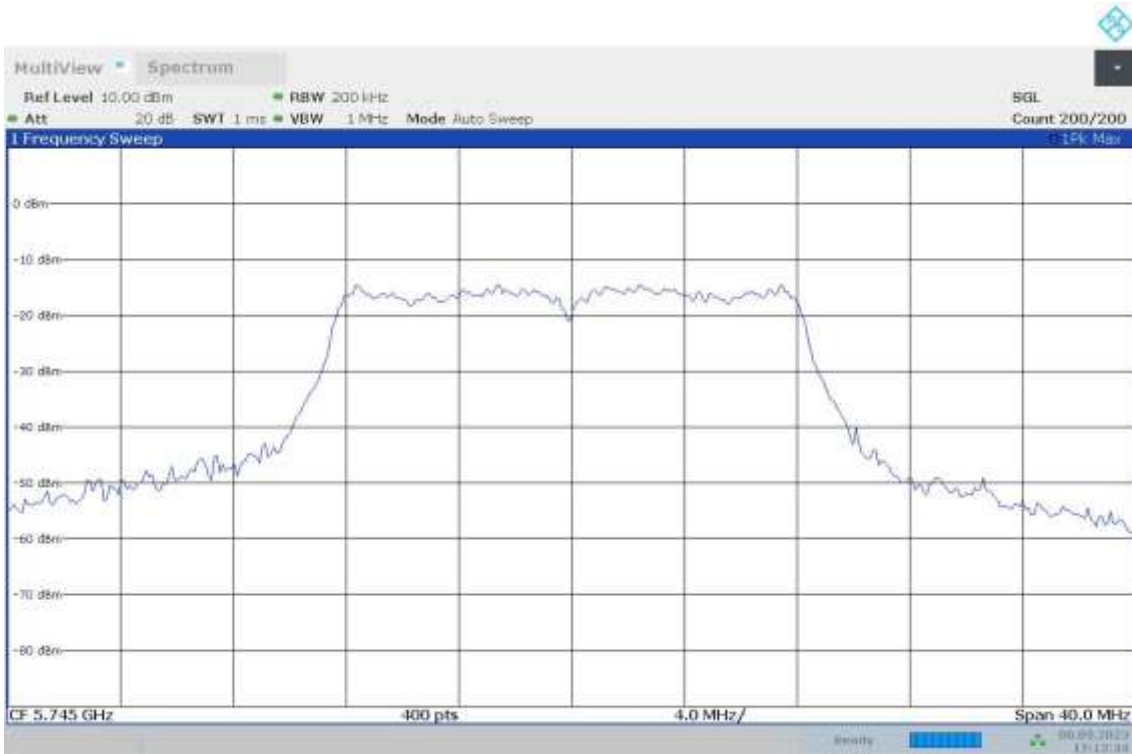
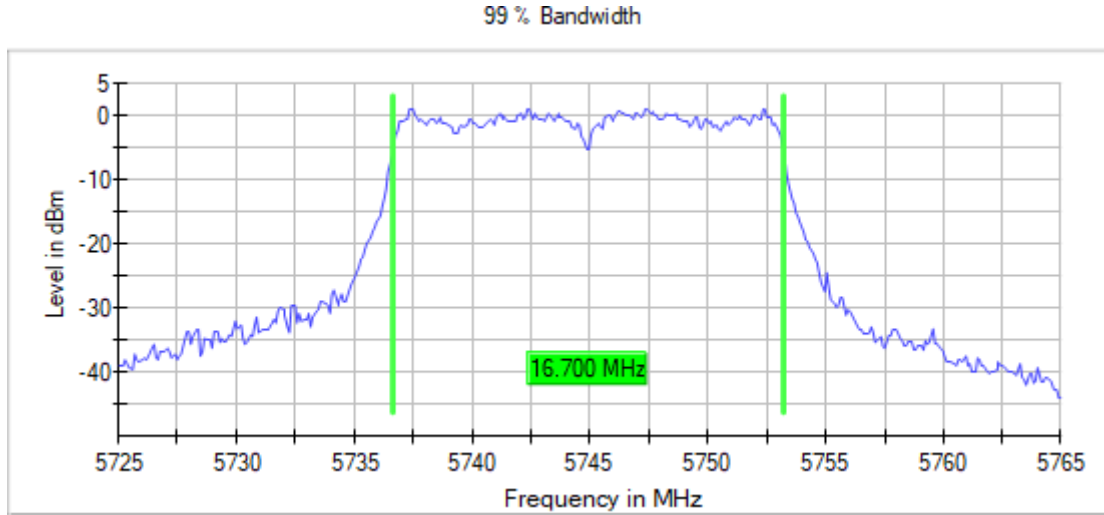
Images:



16:34:41 08.09.2023

Operation Band MHz = [5150, 5850] Active Port = 1
Frequency MHz = 5745.00000 Modulation = 802.11a (OFDM 6 Mbit/s)
MIMO Mode = SISO

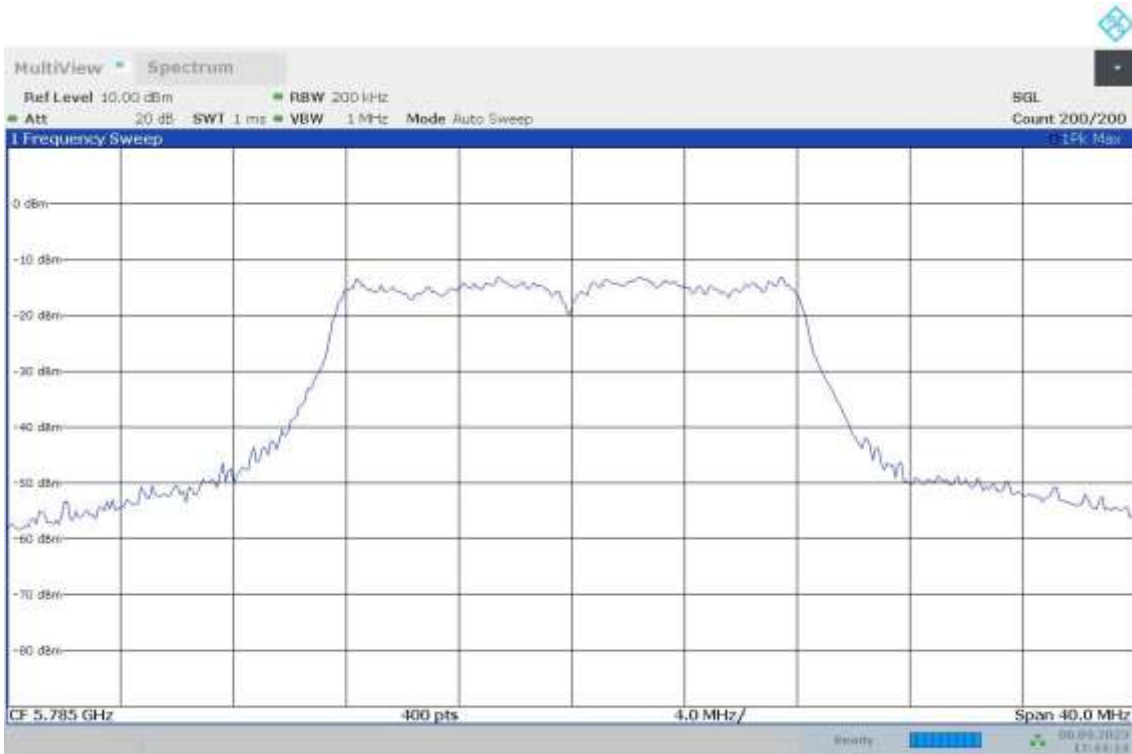
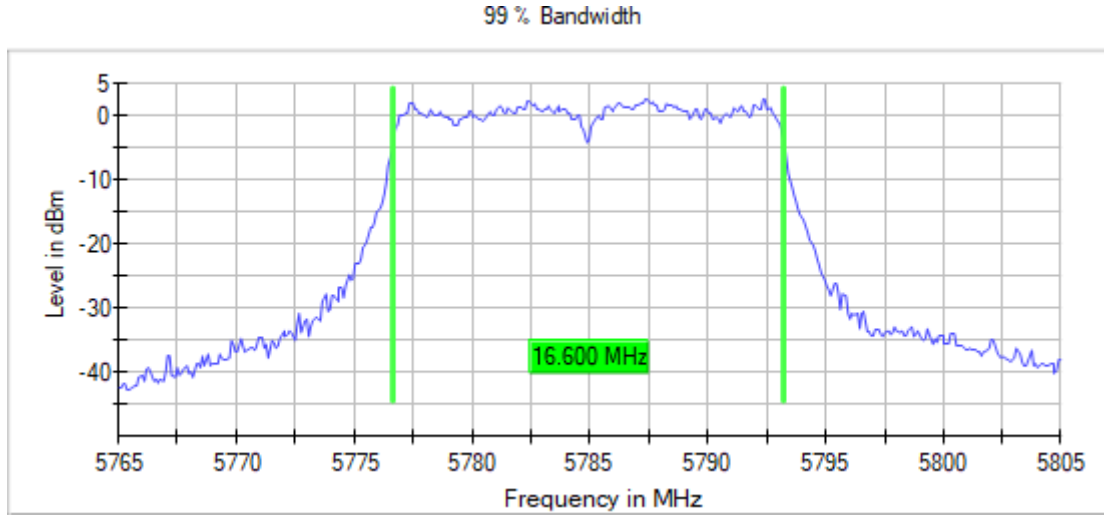
Images:



17:12:34 08.09.2023

Operation Band MHz = [5150, 5850] Active Port = 1
Frequency MHz = 5785.00000 Modulation = 802.11a (OFDM 6 Mbit/s)
MIMO Mode = SISO

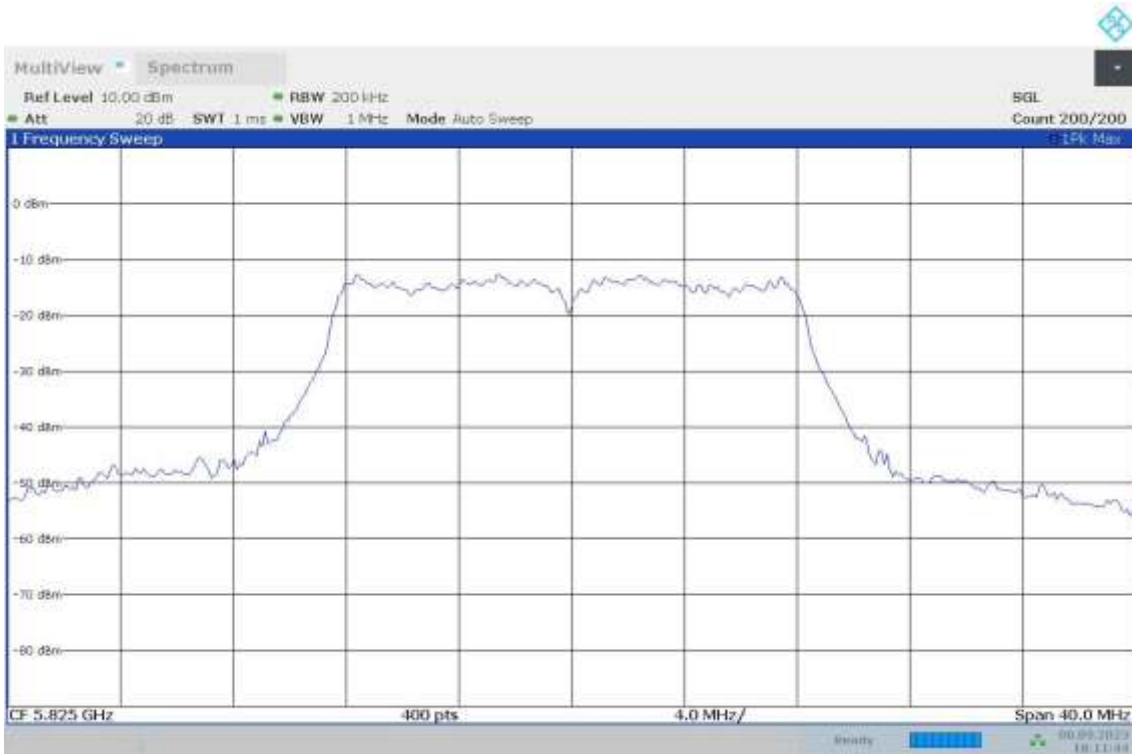
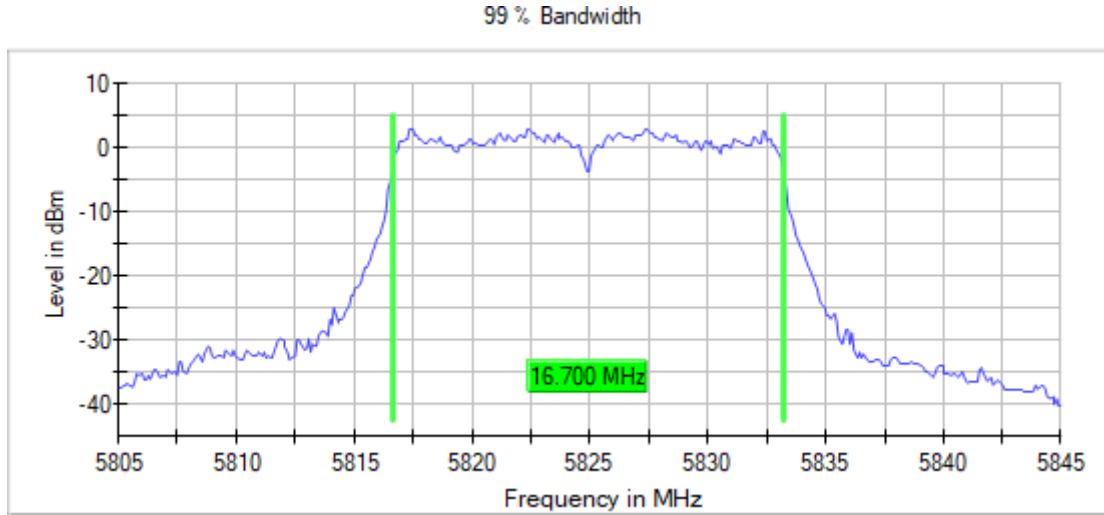
Images:



17:44:14 08.09.2023

Operation Band MHz = [5150, 5850] Active Port = 1
Frequency MHz = 5825.00000 Modulation = 802.11a (OFDM 6 Mbit/s)
MIMO Mode = SISO

Images:



18:11:45 08.09.2023

Modulation: 802.11n HT20 (OFDM MCS0)

MIMO Mode: SISO

Results

| Operation Band (MHz) | Port | Freq (MHz) | Occ Ch BW (MHz) |
|----------------------|------|------------|-----------------|
| [5150, 5850] | 1 | 5180.00000 | 17.700 |
| | | 5200.00000 | 17.700 |
| | | 5240.00000 | 17.600 |
| | | 5745.00000 | 17.700 |
| | | 5785.00000 | 17.600 |
| | | 5825.00000 | 17.700 |

Verdict

Pass

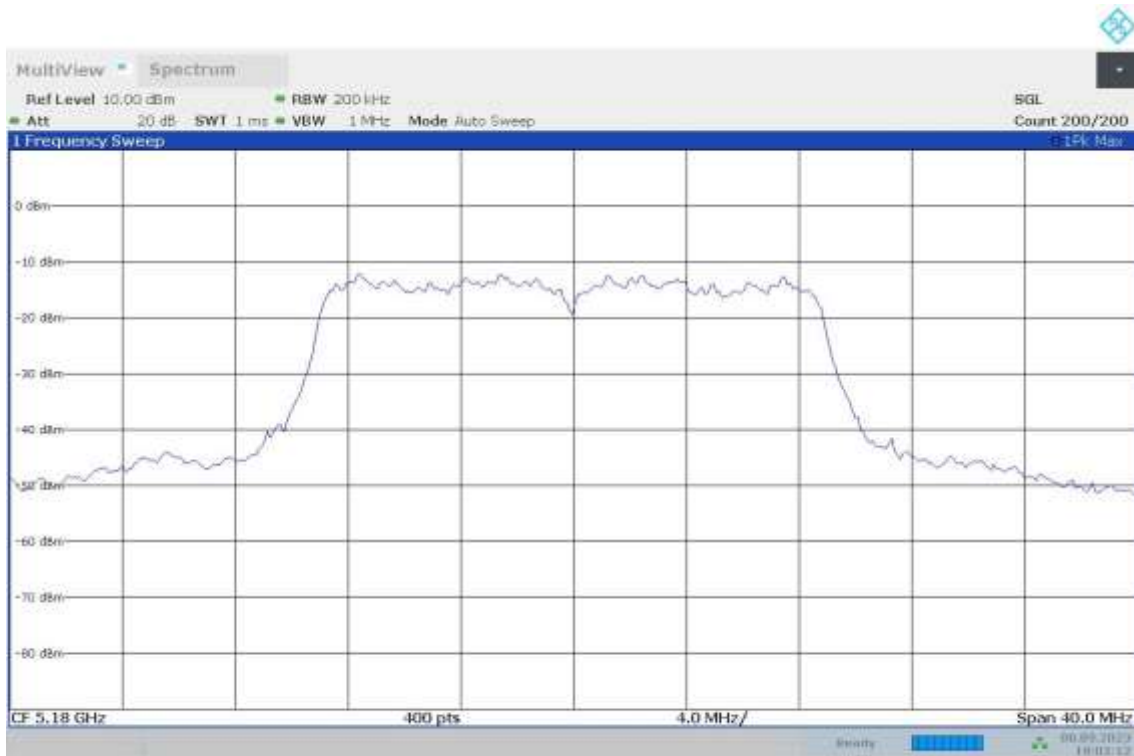
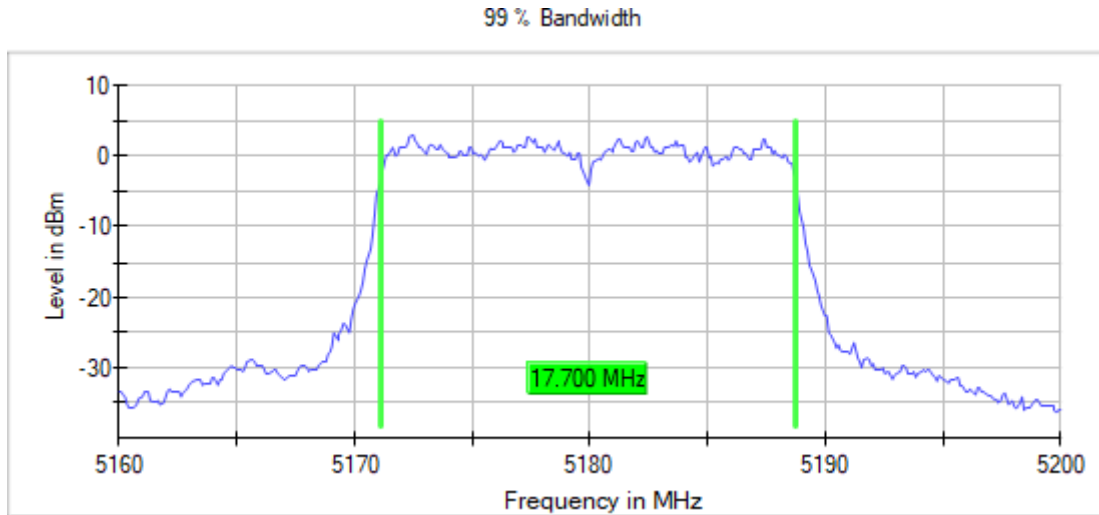
Attachments

Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5180.00000 Modulation = 802.11n HT20 (OFDM MCS0)

MIMO Mode = SISO

Images:

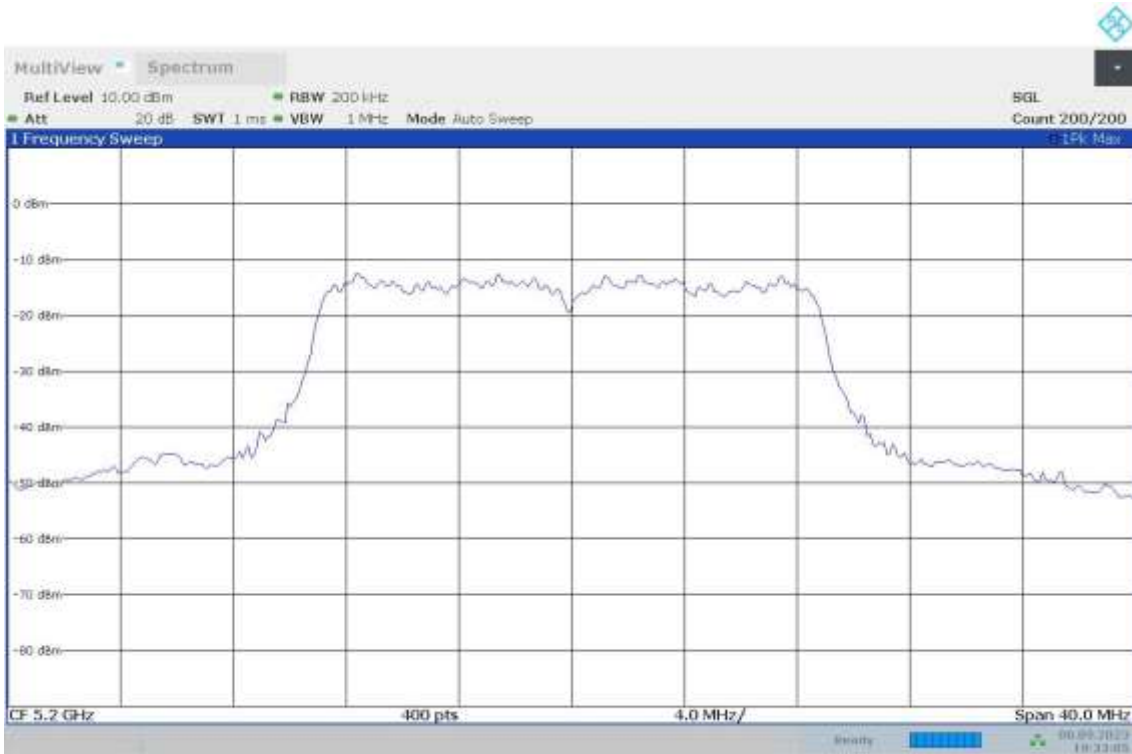
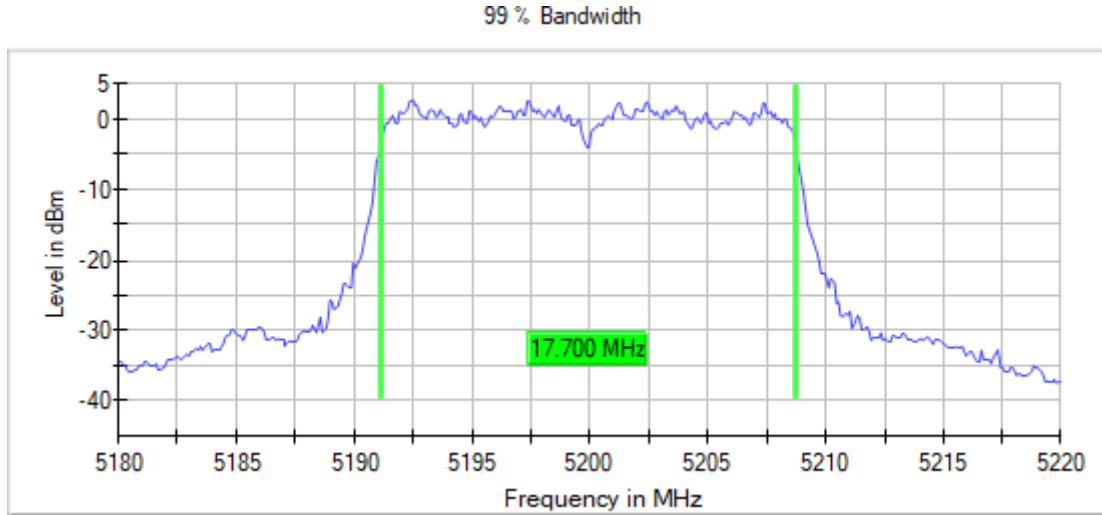


Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5200.00000 Modulation = 802.11n HT20 (OFDM MCS0)

MIMO Mode = SISO

Images:

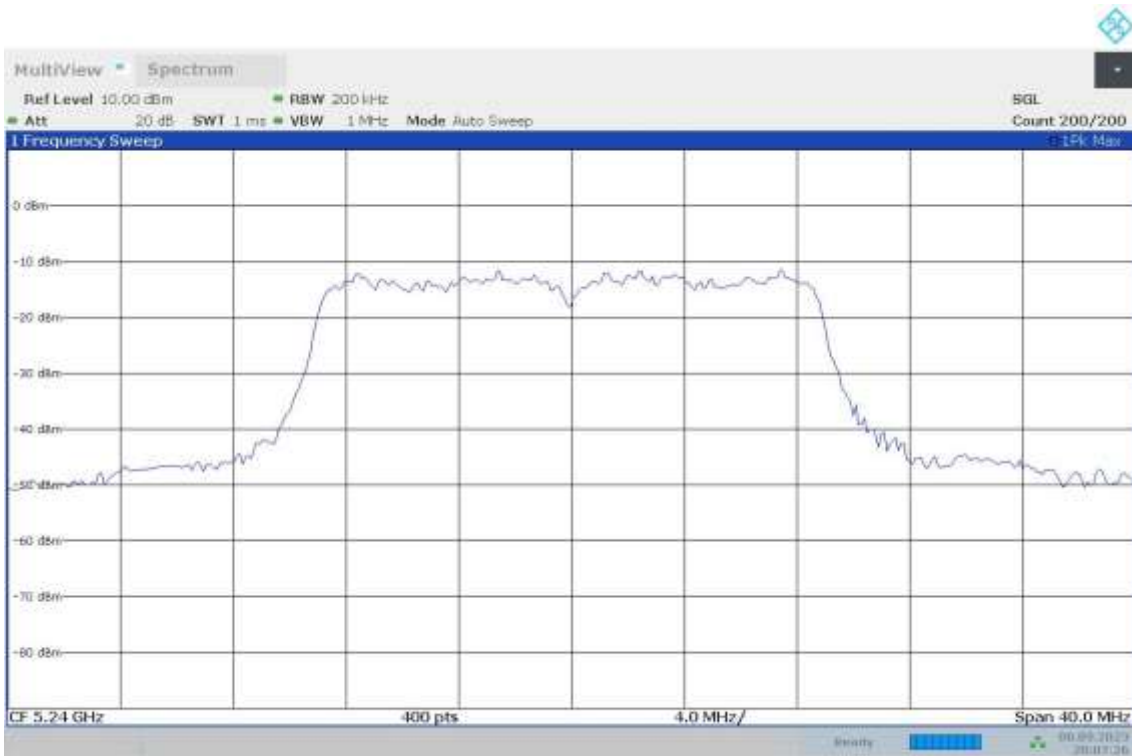
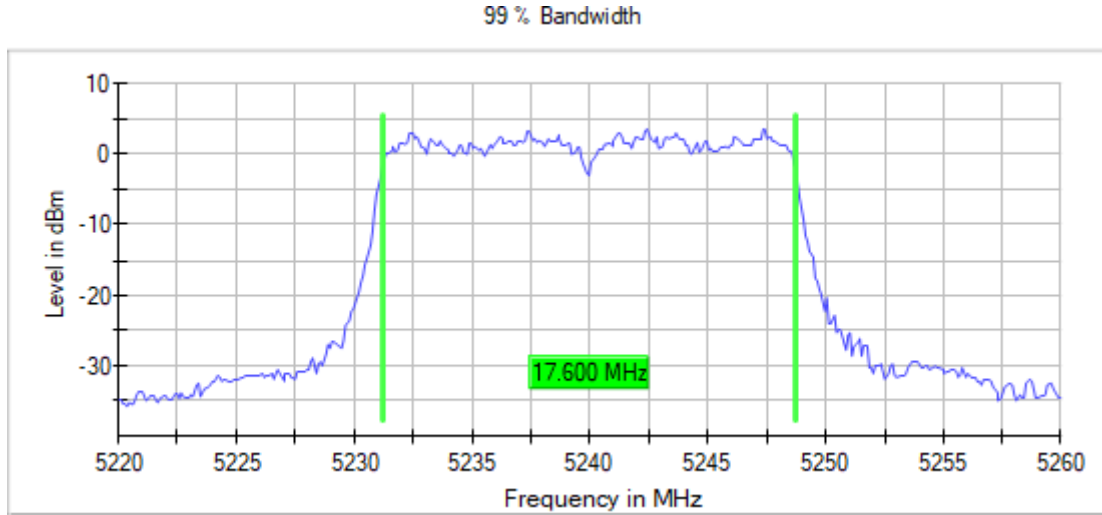


Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5240.00000 Modulation = 802.11n HT20 (OFDM MCS0)

MIMO Mode = SISO

Images:



20:07:26 08.09.2023

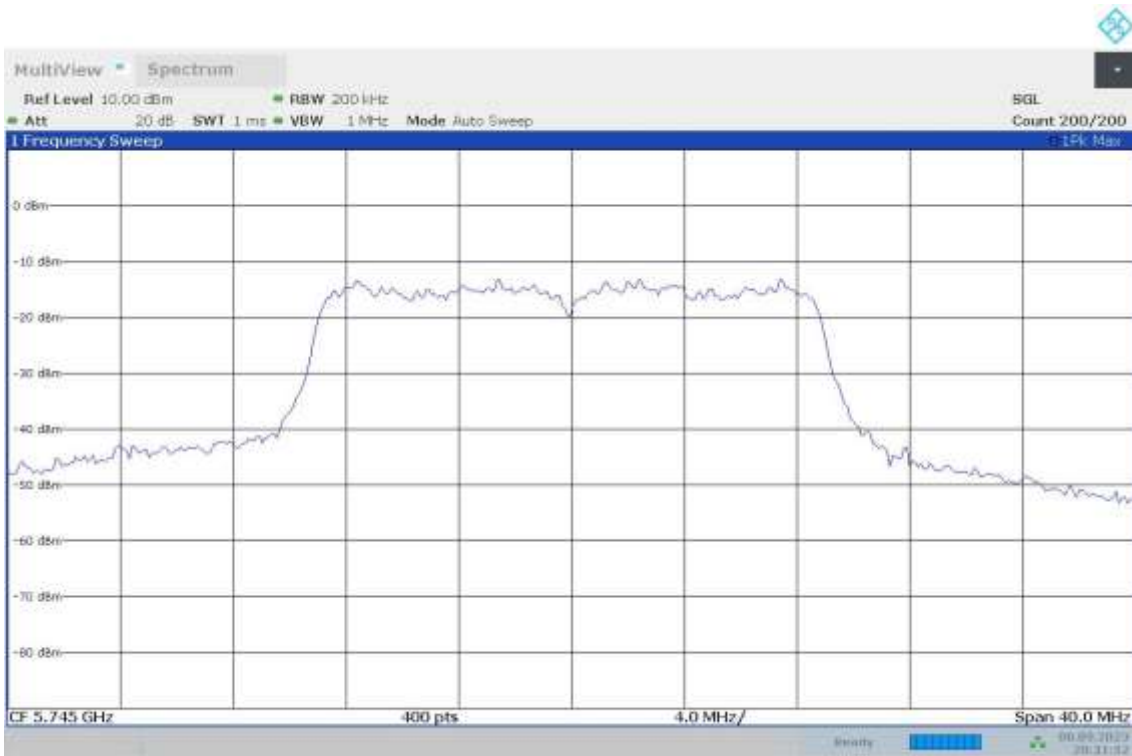
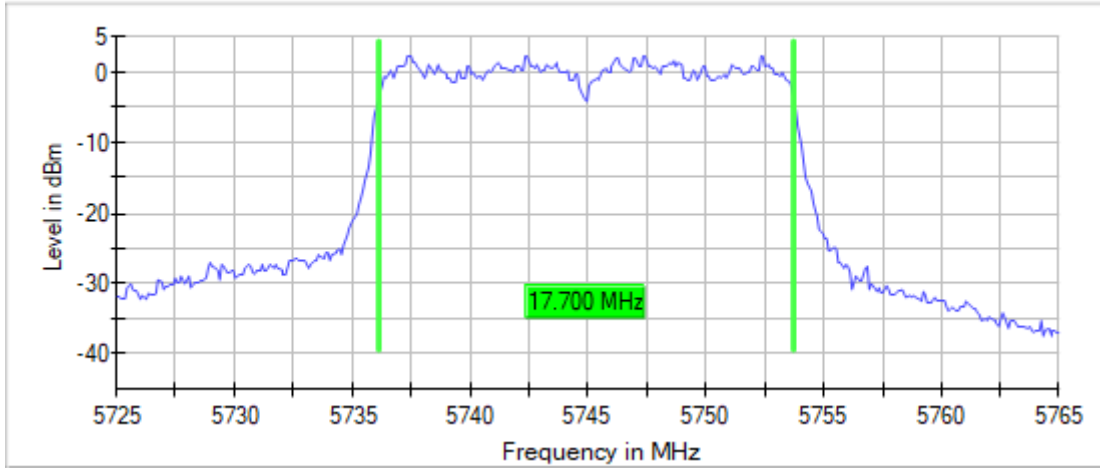
Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5745.00000 Modulation = 802.11n HT20 (OFDM MCS0)

MIMO Mode = SISO

Images:

99 % Bandwidth



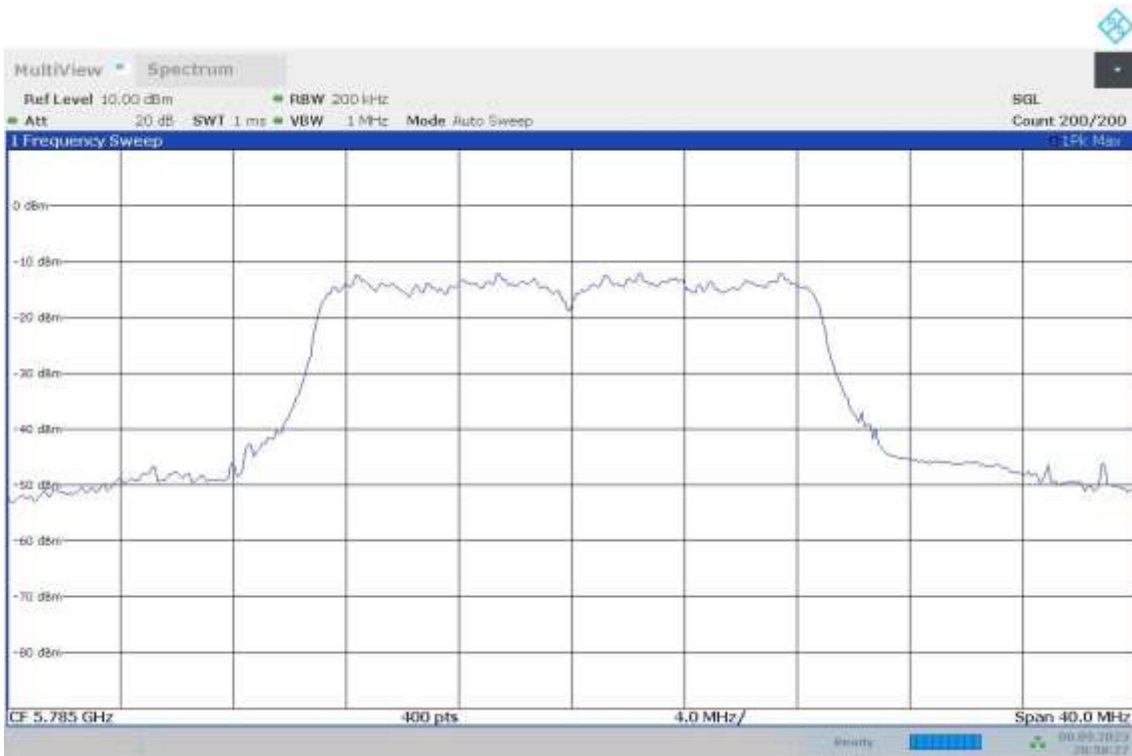
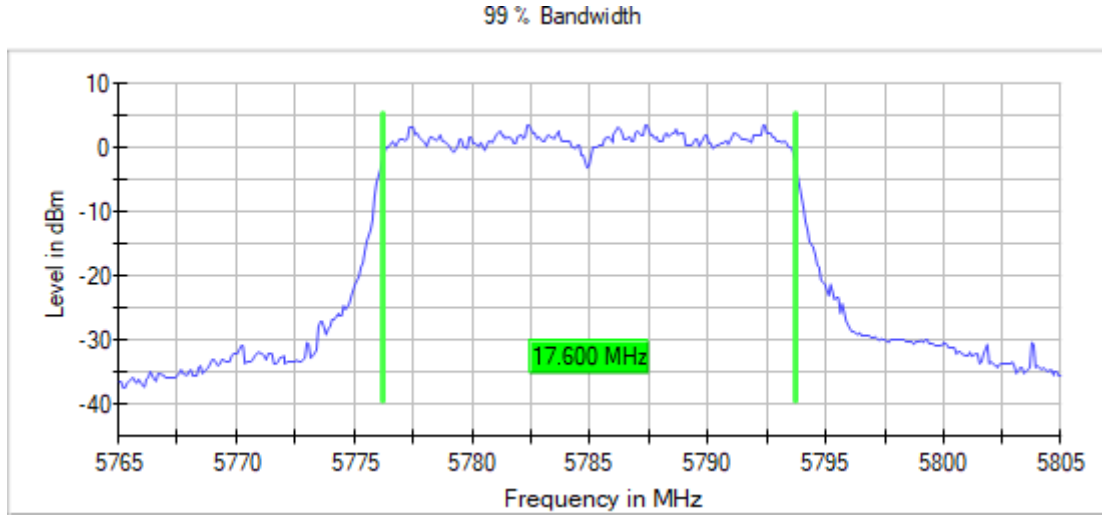
20:31:52 08.09.2023

Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5785.00000 Modulation = 802.11n HT20 (OFDM MCS0)

MIMO Mode = SISO

Images:



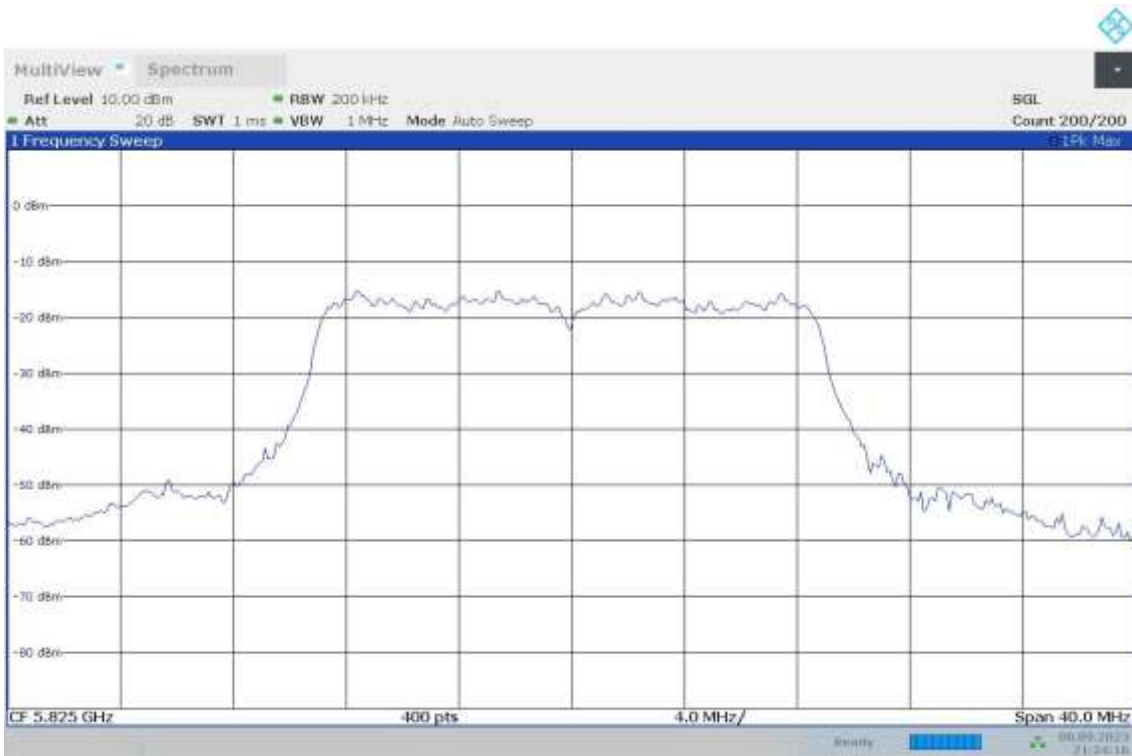
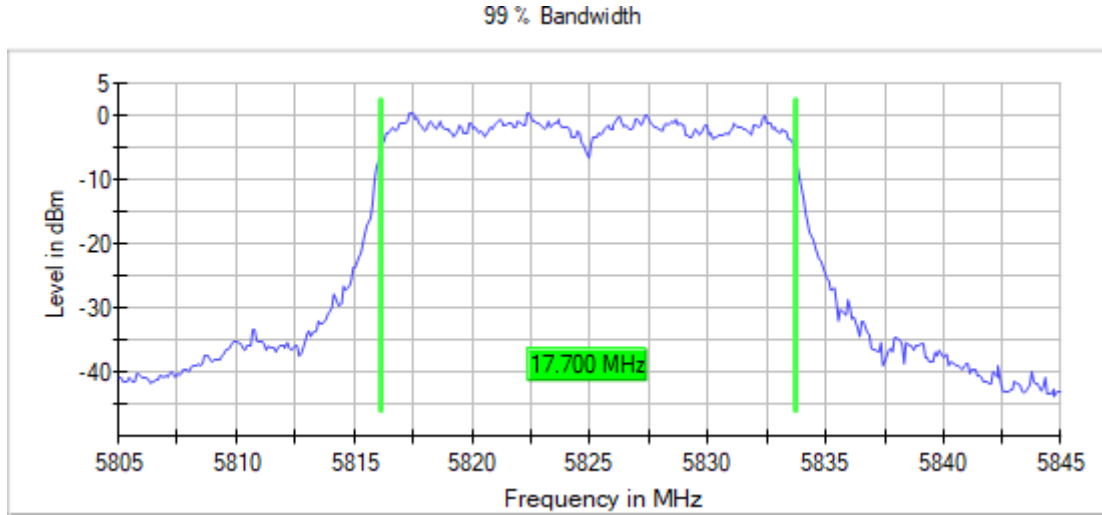
20:58:28 08.09.2023

Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5825.00000 Modulation = 802.11n HT20 (OFDM MCS0)

MIMO Mode = SISO

Images:



21:24:17 08.09.2023

Modulation: 802.11n HT40 (OFDM MCS0)

MIMO Mode: SISO

Results

| Operation Band (MHz) | Port | Freq (MHz) | Occ Ch BW (MHz) |
|----------------------|------|------------|-----------------|
| [5150, 5850] | 1 | 5190.00000 | 36.500 |
| | | 5230.00000 | 36.500 |
| | | 5755.00000 | 36.750 |
| | | 5795.00000 | 36.500 |

Verdict

Pass

Attachments

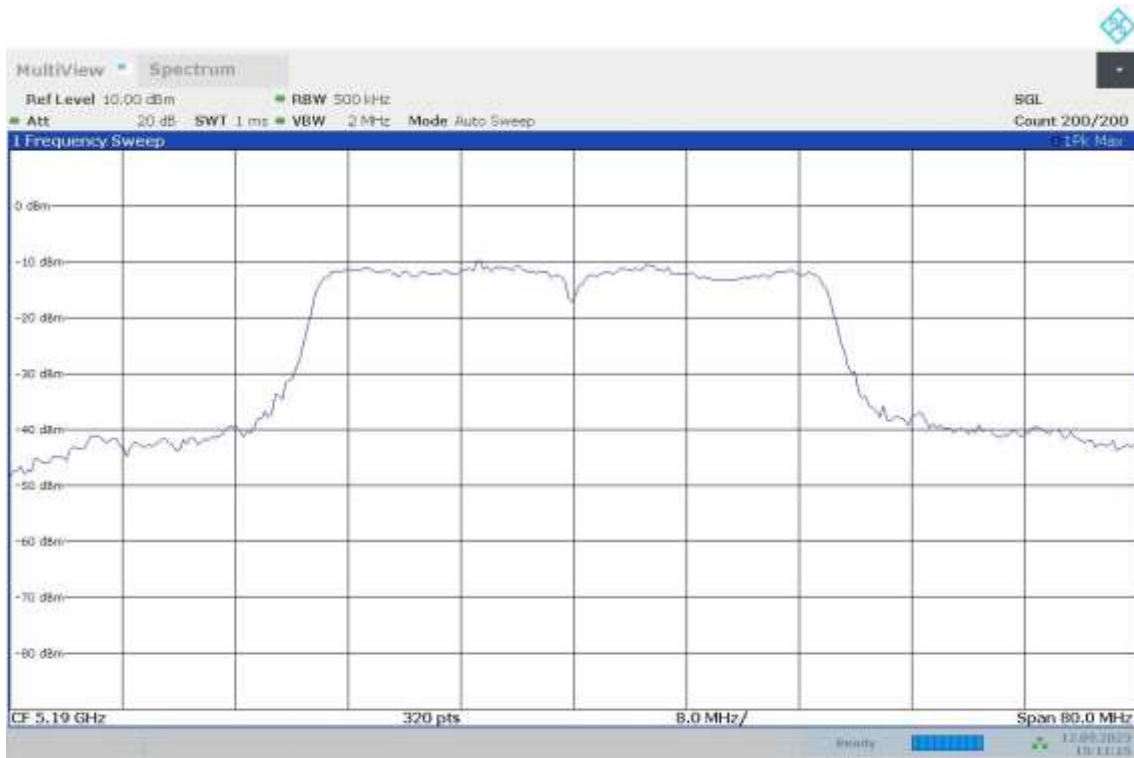
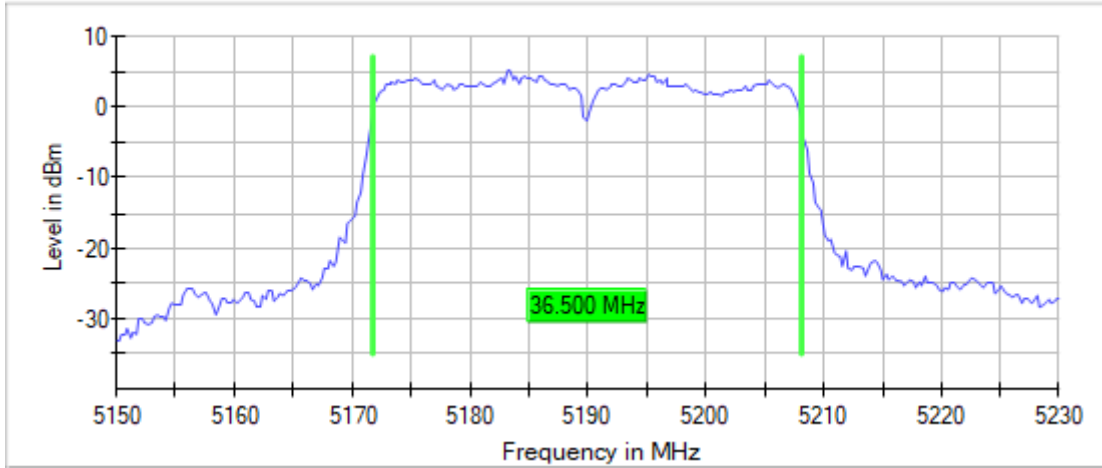
Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5190.00000 Modulation = 802.11n HT40 (OFDM MCS0)

MIMO Mode = SISO

Images:

99 % Bandwidth



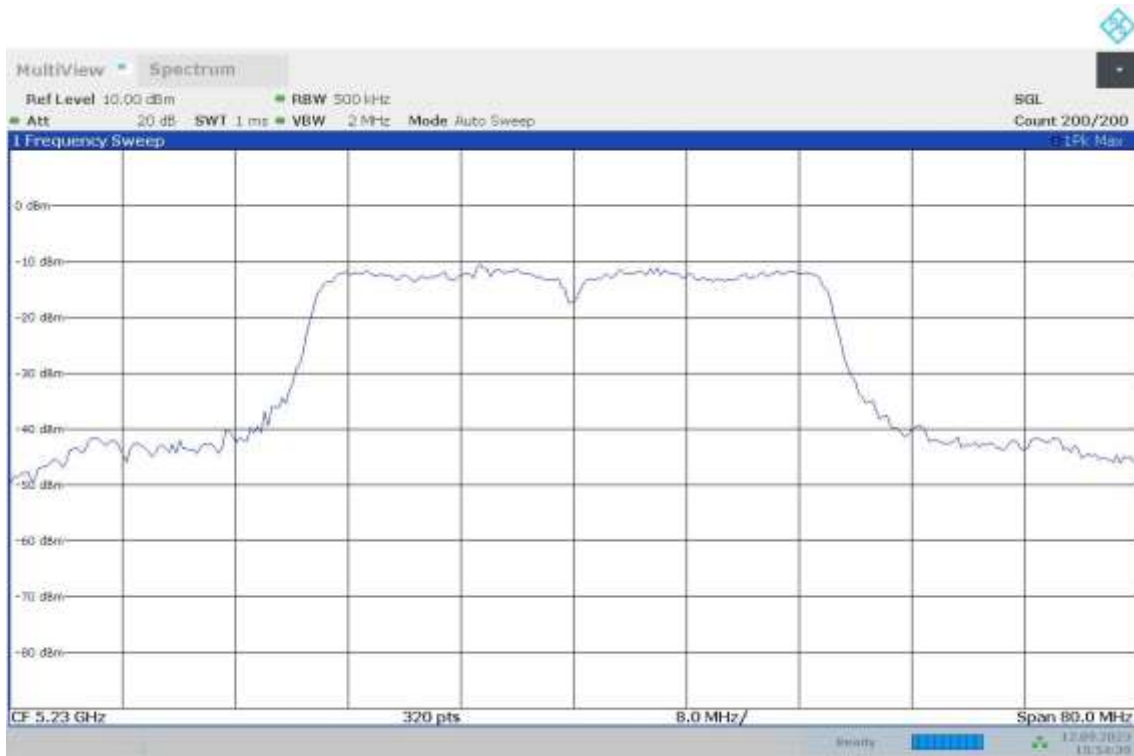
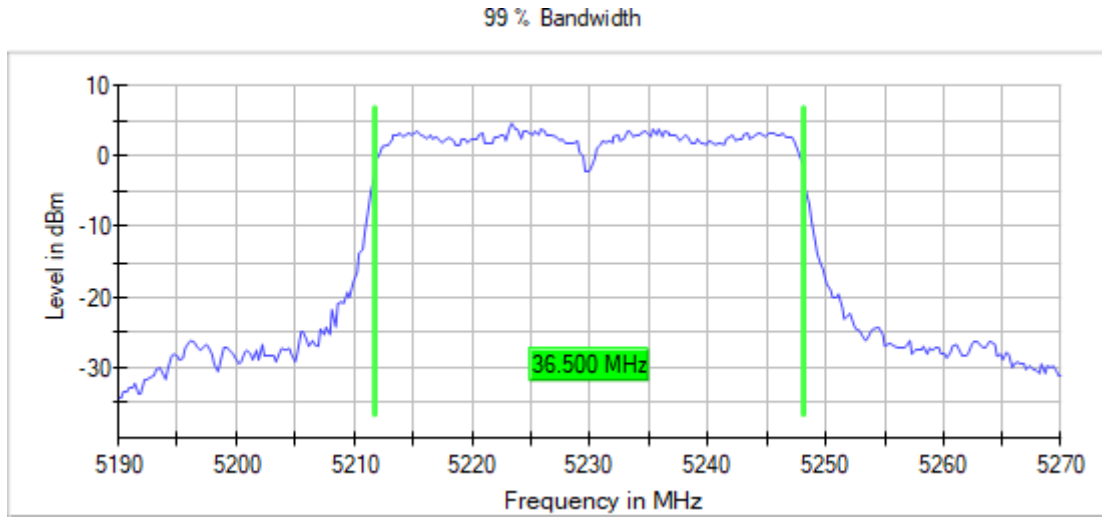
15:11:15 12.09.2023

Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5230.00000 Modulation = 802.11n HT40 (OFDM MCS0)

MIMO Mode = SISO

Images:



15:54:39 12.09.2023

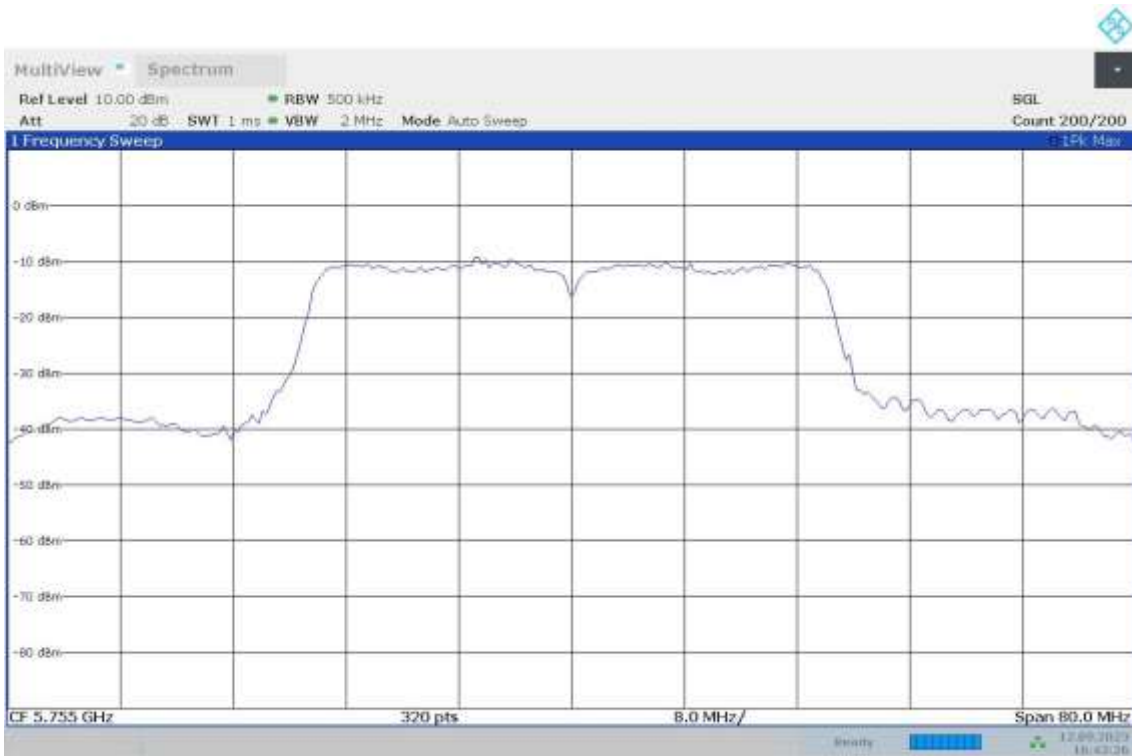
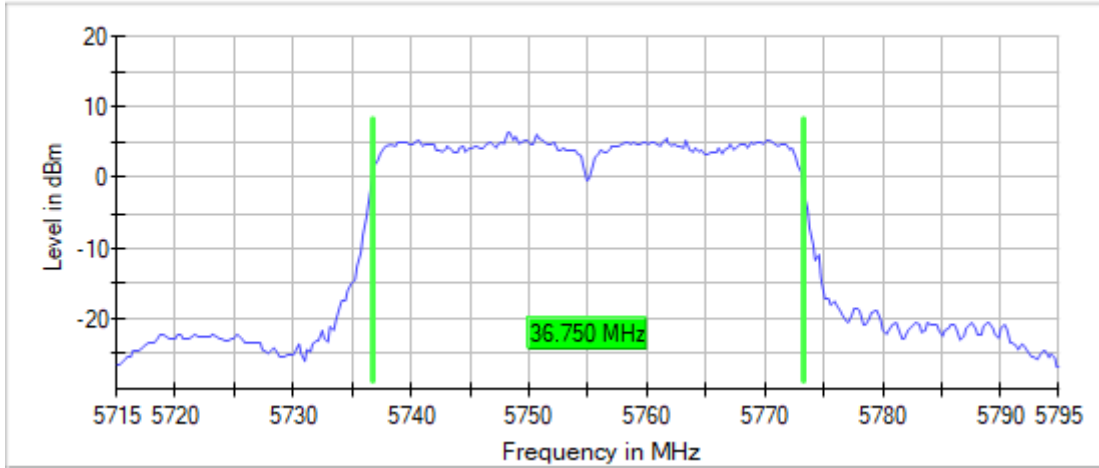
Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5755.00000 Modulation = 802.11n HT40 (OFDM MCS0)

MIMO Mode = SISO

Images:

99 % Bandwidth



16:42:27 12.09.2023

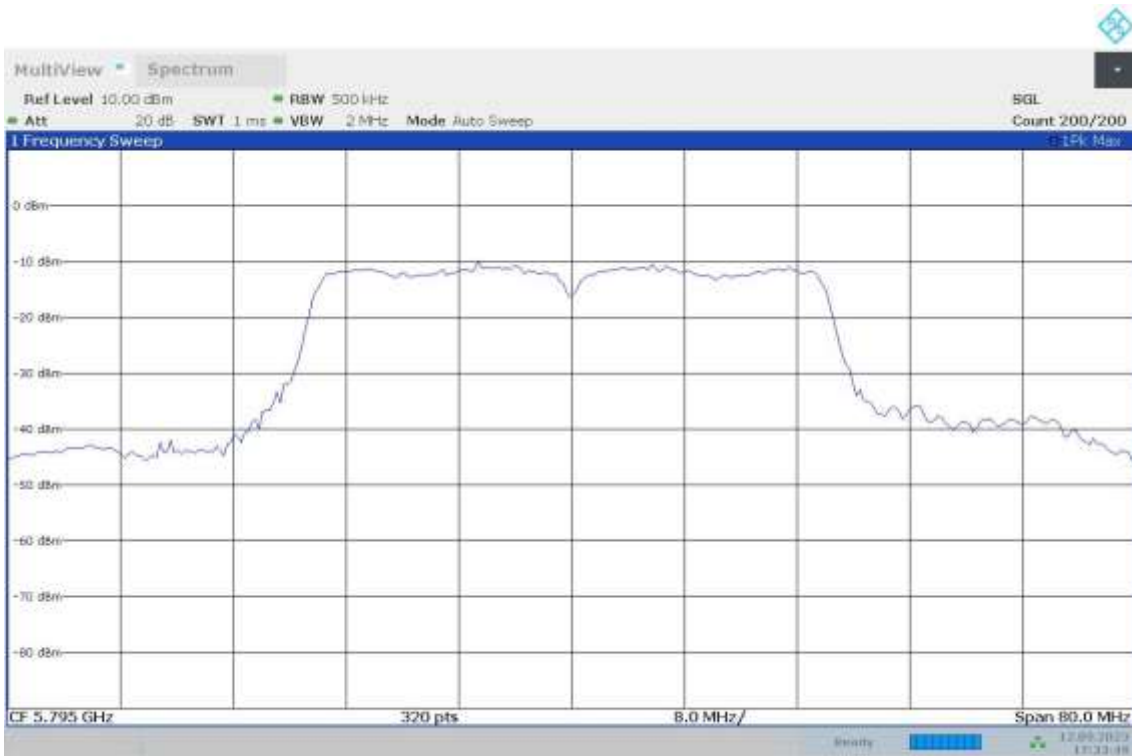
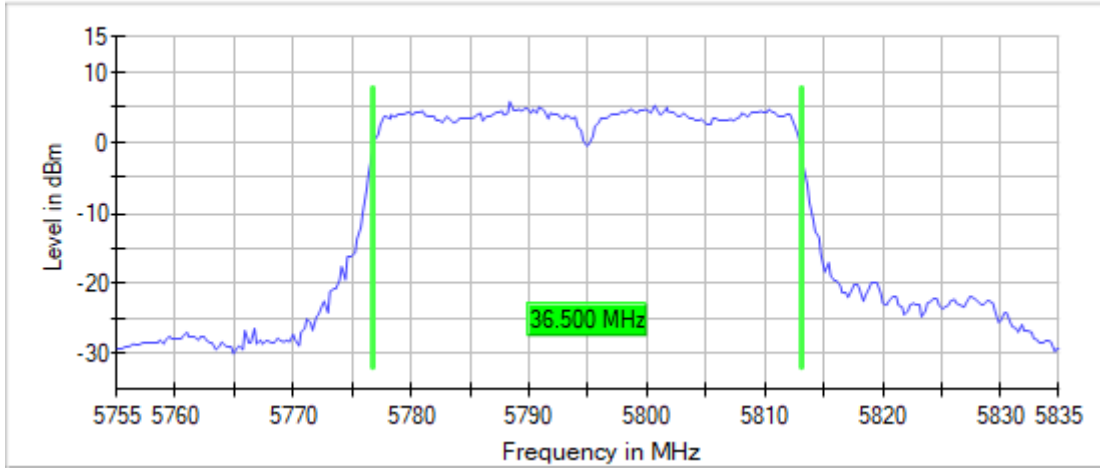
Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5795.00000 Modulation = 802.11n HT40 (OFDM MCS0)

MIMO Mode = SISO

Images:

99 % Bandwidth



17:33:50 12.09.2023

FCC 15.403 / RSS-Gen 6.7 26 dB Emission Bandwidth

Limits

No Limit has been set to this test case

Modulation: 802.11ac VHT20 SS1 (OFDM MCS0)

MIMO Mode: SISO

Results

| Operation Band (MHz) | Port | Freq (MHz) | Ebw (MHz) |
|----------------------|------|------------|-----------|
| [5150, 5850] | 1 | 5180.00000 | 20.300 |
| | | 5200.00000 | 20.200 |
| | | 5240.00000 | 20.500 |
| | | 5745.00000 | 20.400 |
| | | 5785.00000 | 20.400 |
| | | 5825.00000 | 20.200 |

Verdict

Pass

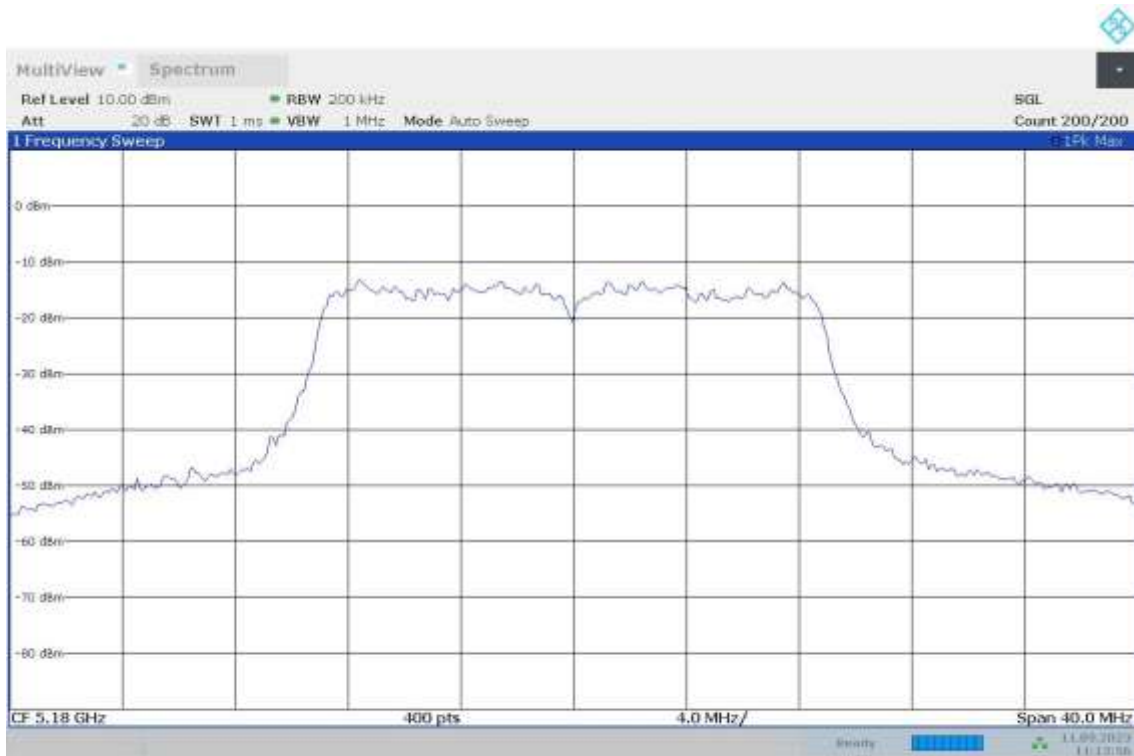
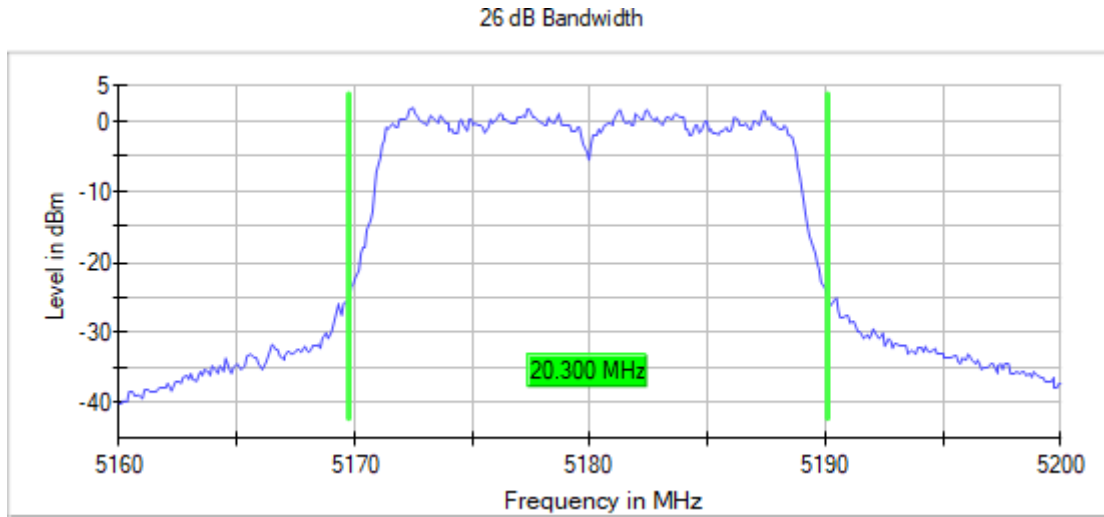
Attachments

Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5180.00000 Modulation = 802.11ac VHT20 SS1 (OFDM MCS0)

MIMO Mode = SISO

Images:

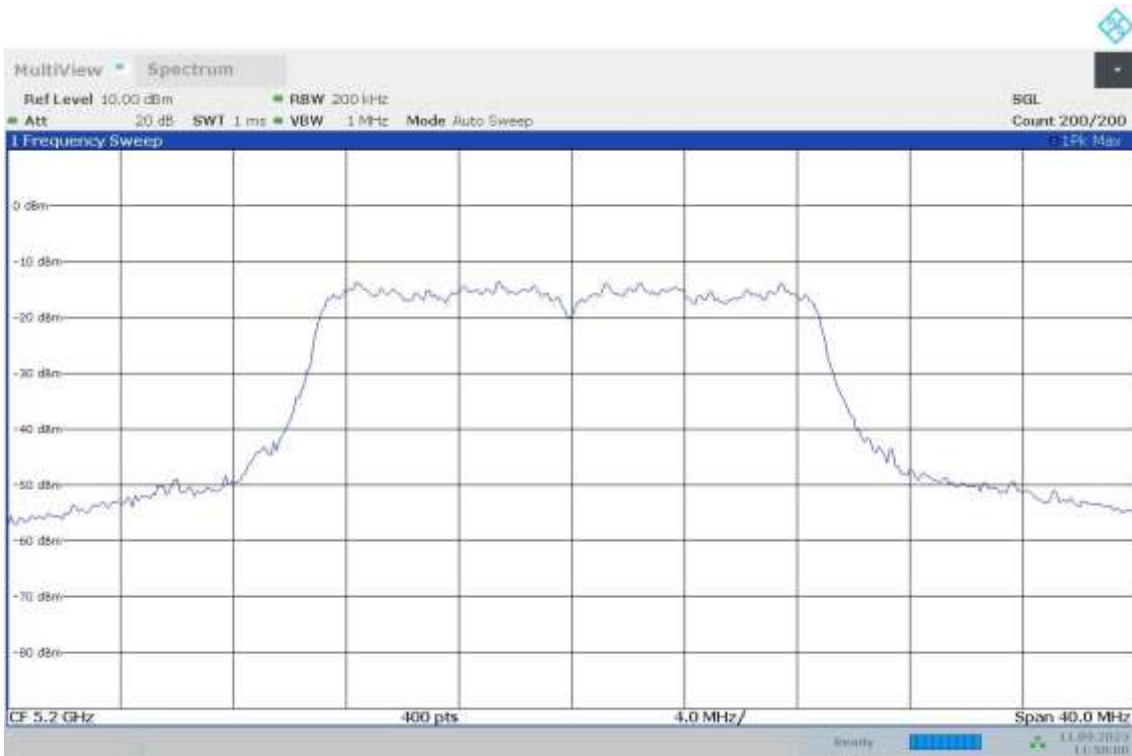
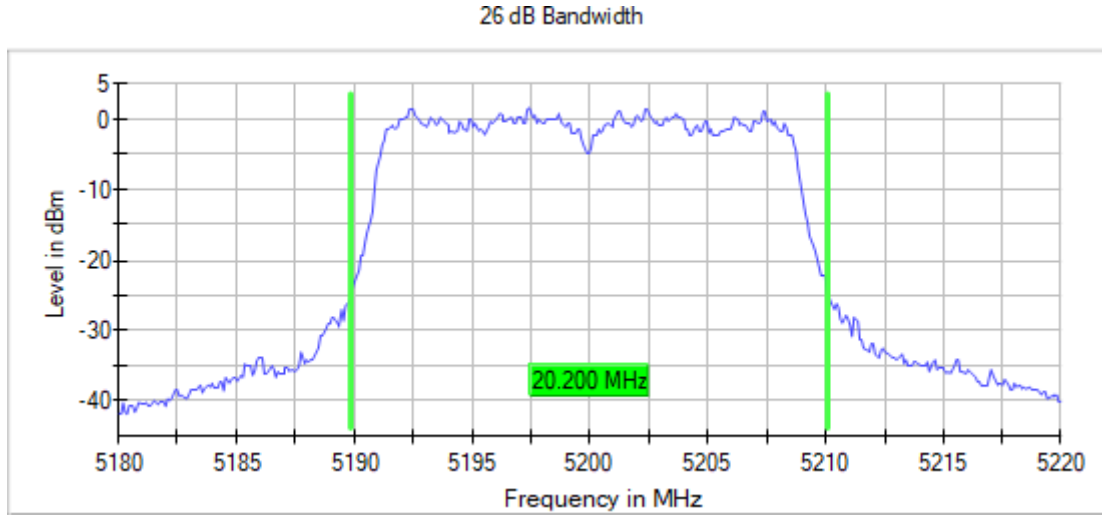


Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5200.00000 Modulation = 802.11ac VHT20 SS1 (OFDM MCS0)

MIMO Mode = SISO

Images:



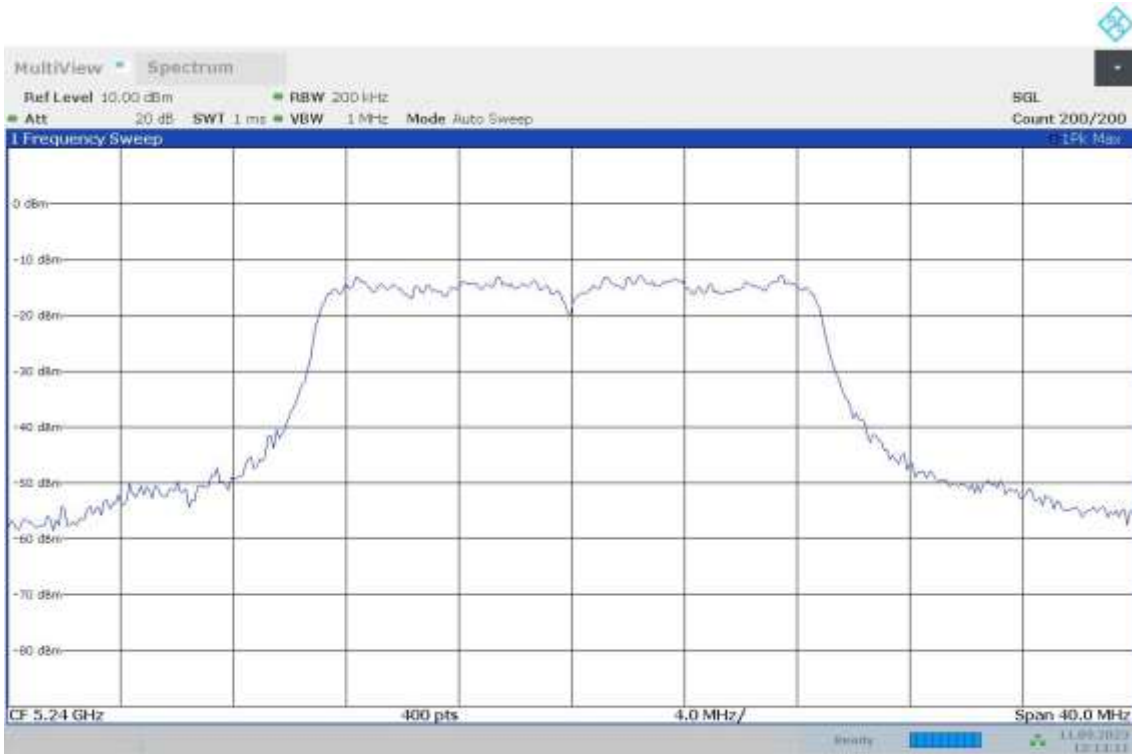
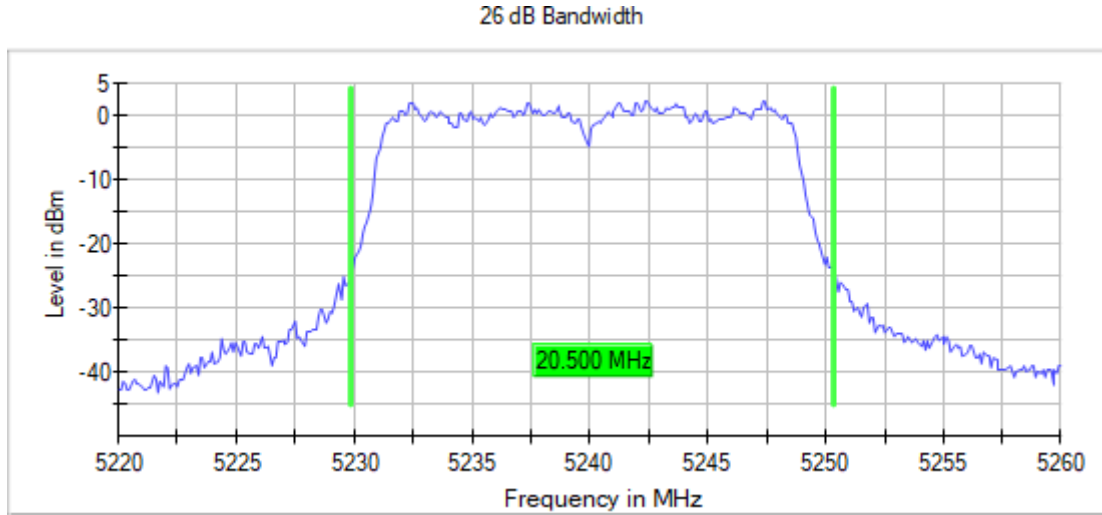
11:50:00 11.09.2023

Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5240.00000 Modulation = 802.11ac VHT20 SS1 (OFDM MCS0)

MIMO Mode = SISO

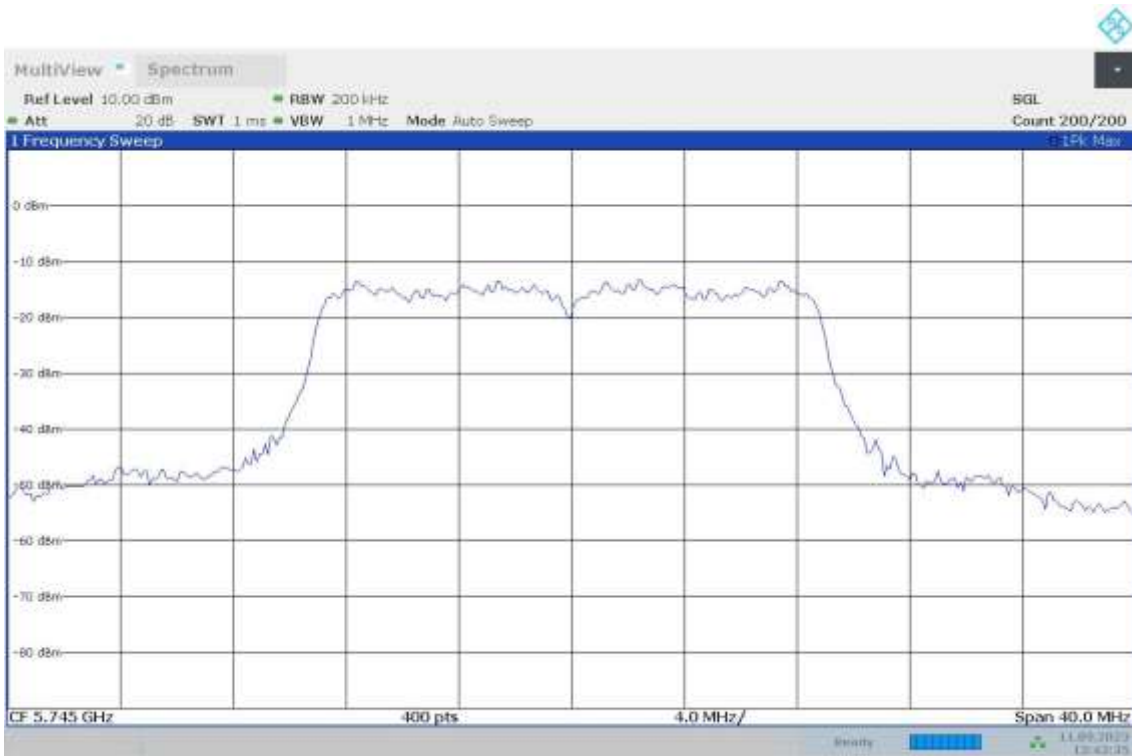
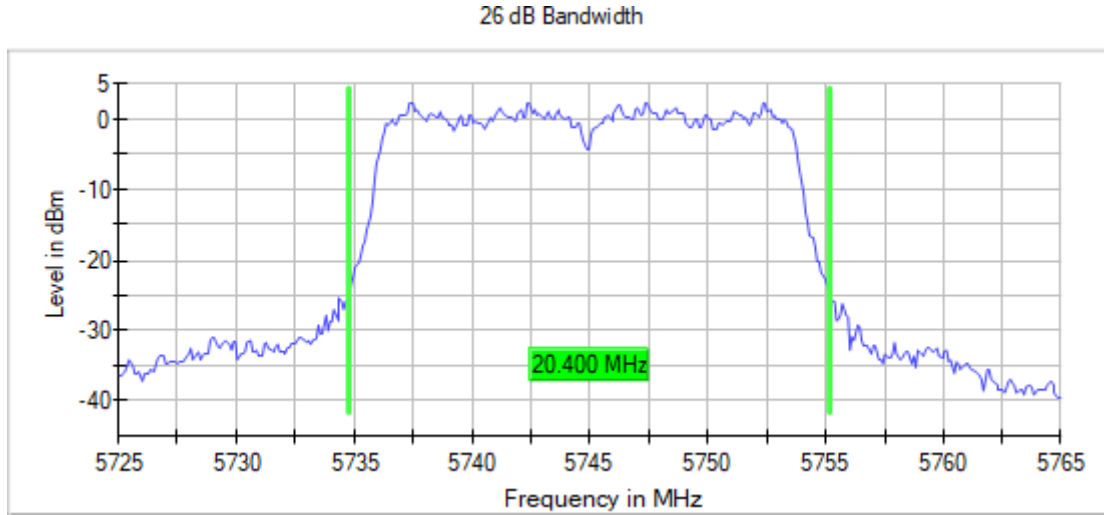
Images:



12:13:12 11.09.2023

Operation Band MHz = [5150, 5850] Active Port = 1
Frequency MHz = 5745.00000 Modulation = 802.11ac VHT20 SS1 (OFDM MCS0)
MIMO Mode = SISO

Images:



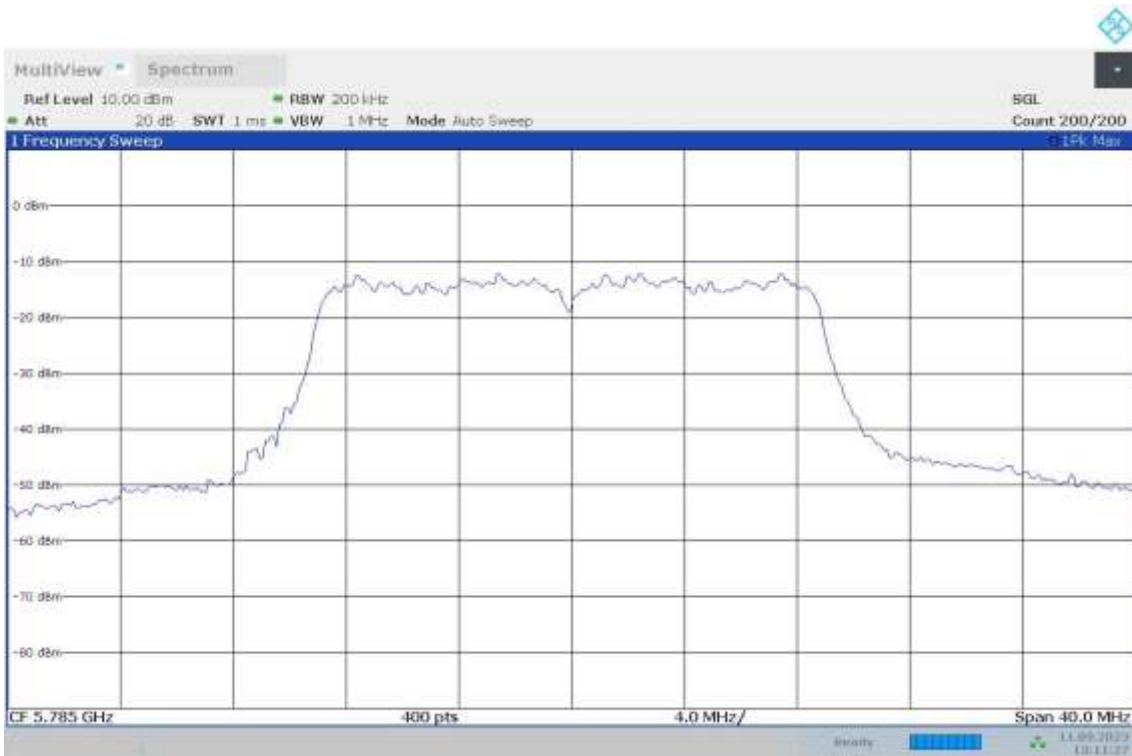
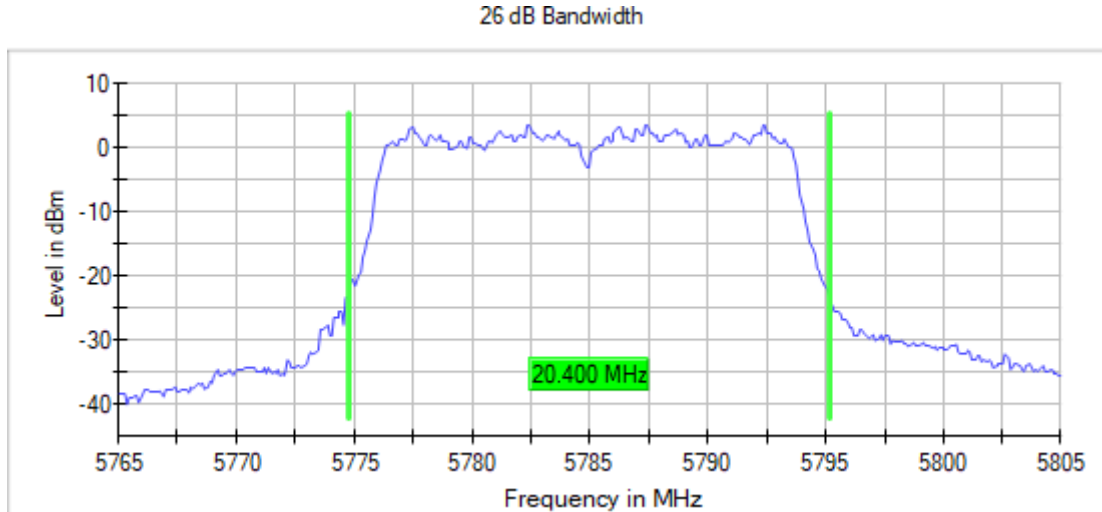
12:42:35 11.09.2023

Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5785.00000 Modulation = 802.11ac VHT20 SS1 (OFDM MCS0)

MIMO Mode = SISO

Images:



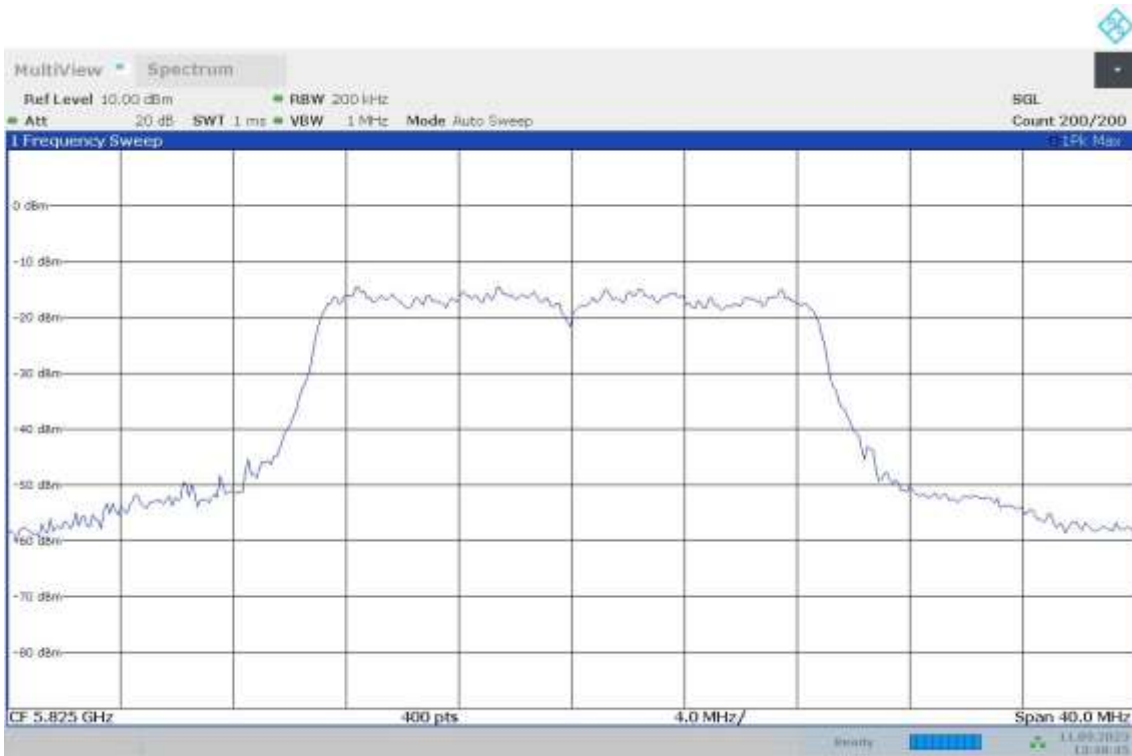
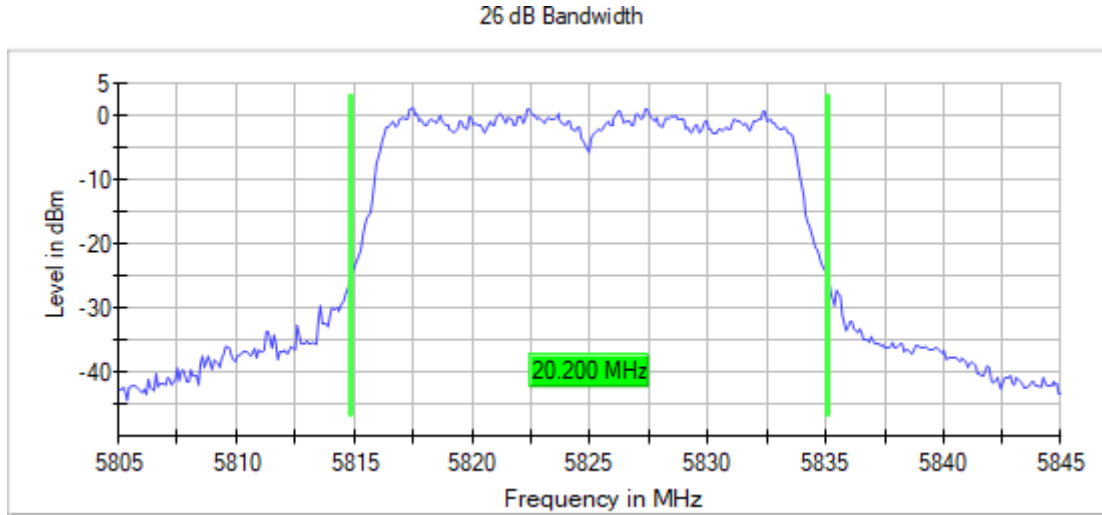
13:11:27 11.09.2023

Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5825.00000 Modulation = 802.11ac VHT20 SS1 (OFDM MCS0)

MIMO Mode = SISO

Images:



13:48:45 11.09.2023

Modulation: 802.11ax HE20 SS1 (OFDMA MCS0)

MIMO Mode: SISO

Results

| Operation Band (MHz) | Port | Freq (MHz) | Ebw (MHz) |
|----------------------|------|------------|-----------|
| [5150, 5850] | 1 | 5180.00000 | 20.900 |
| | | 5200.00000 | 20.800 |
| | | 5240.00000 | 20.600 |
| | | 5745.00000 | 20.800 |
| | | 5785.00000 | 20.800 |
| | | 5825.00000 | 20.700 |

Verdict

Pass

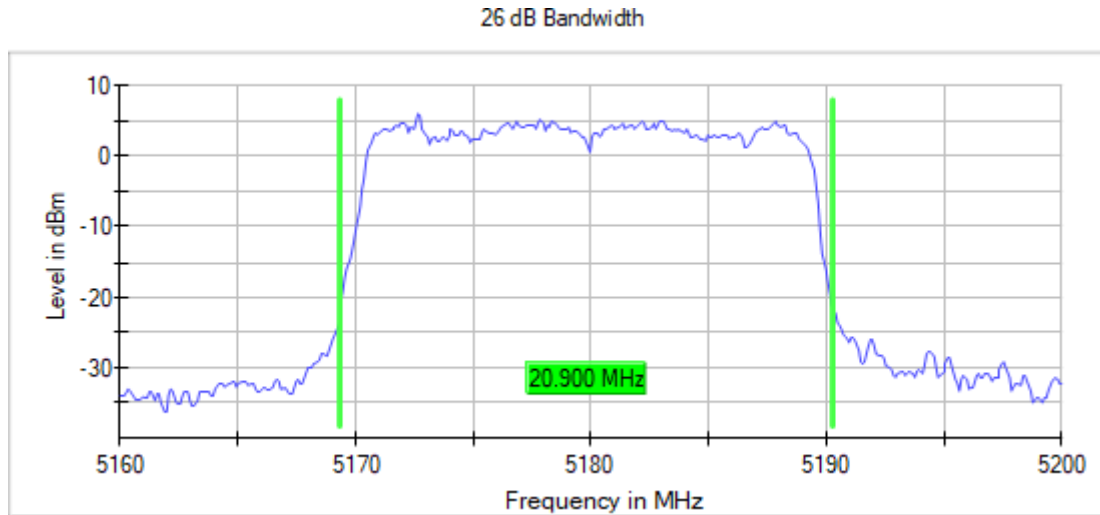
Attachments

Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5180.00000 Modulation = 802.11ax HE20 SS1 (OFDMA MCS0)

MIMO Mode = SISO

Images:



Date: 11.SEP.2023 14:49:25

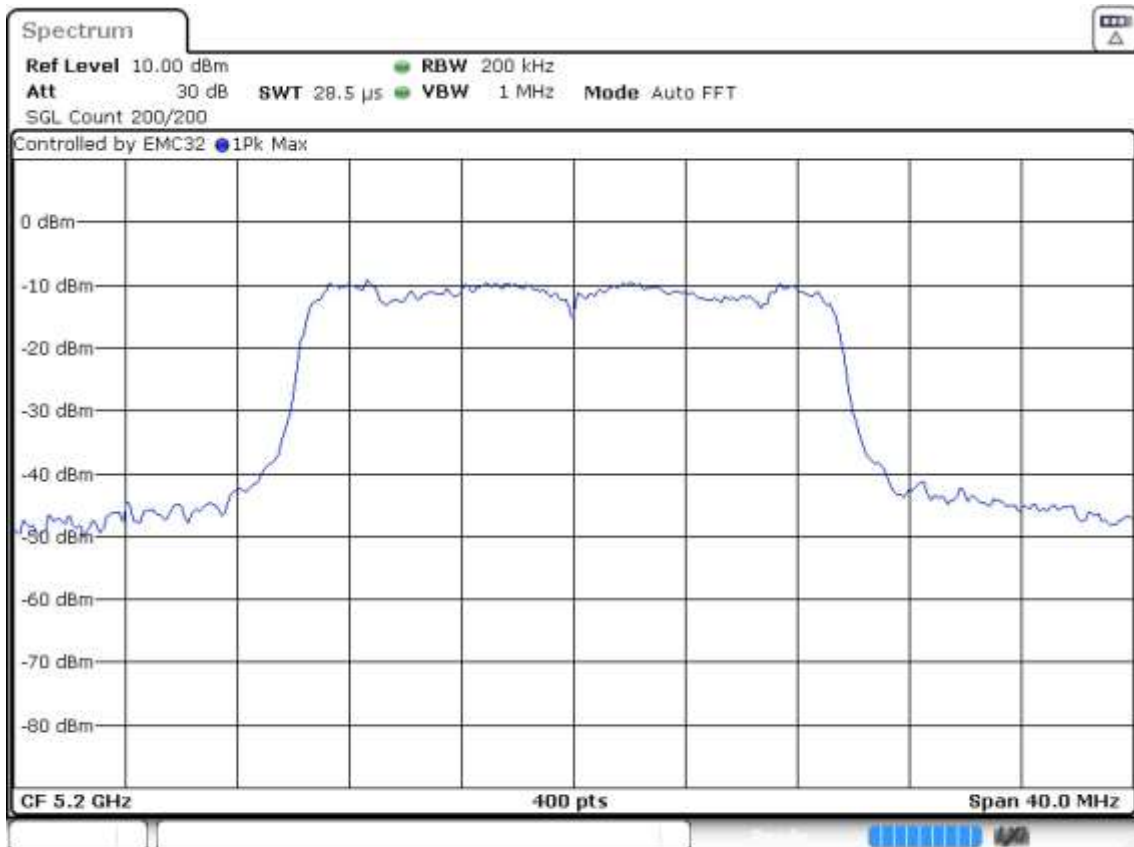
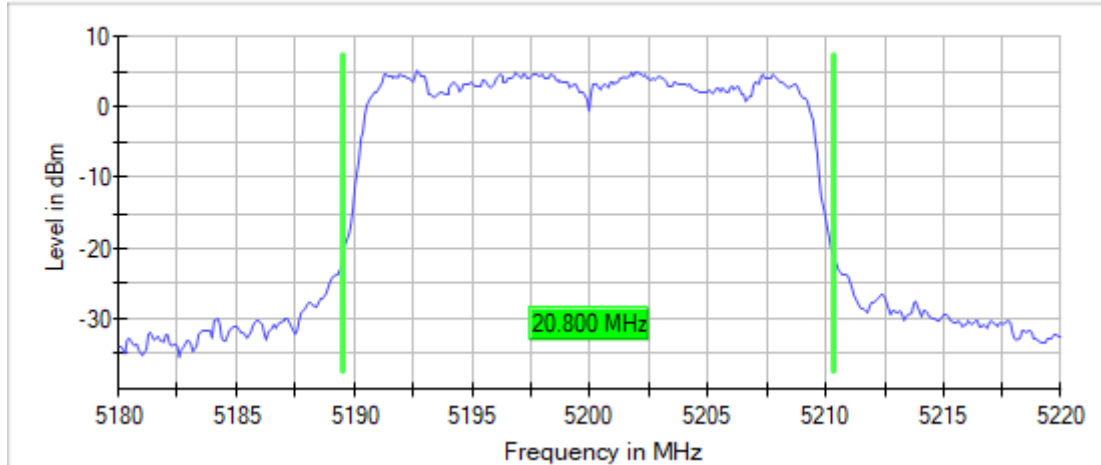
Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5200.00000 Modulation = 802.11ax HE20 SS1 (OFDMA MCS0)

MIMO Mode = SISO

Images:

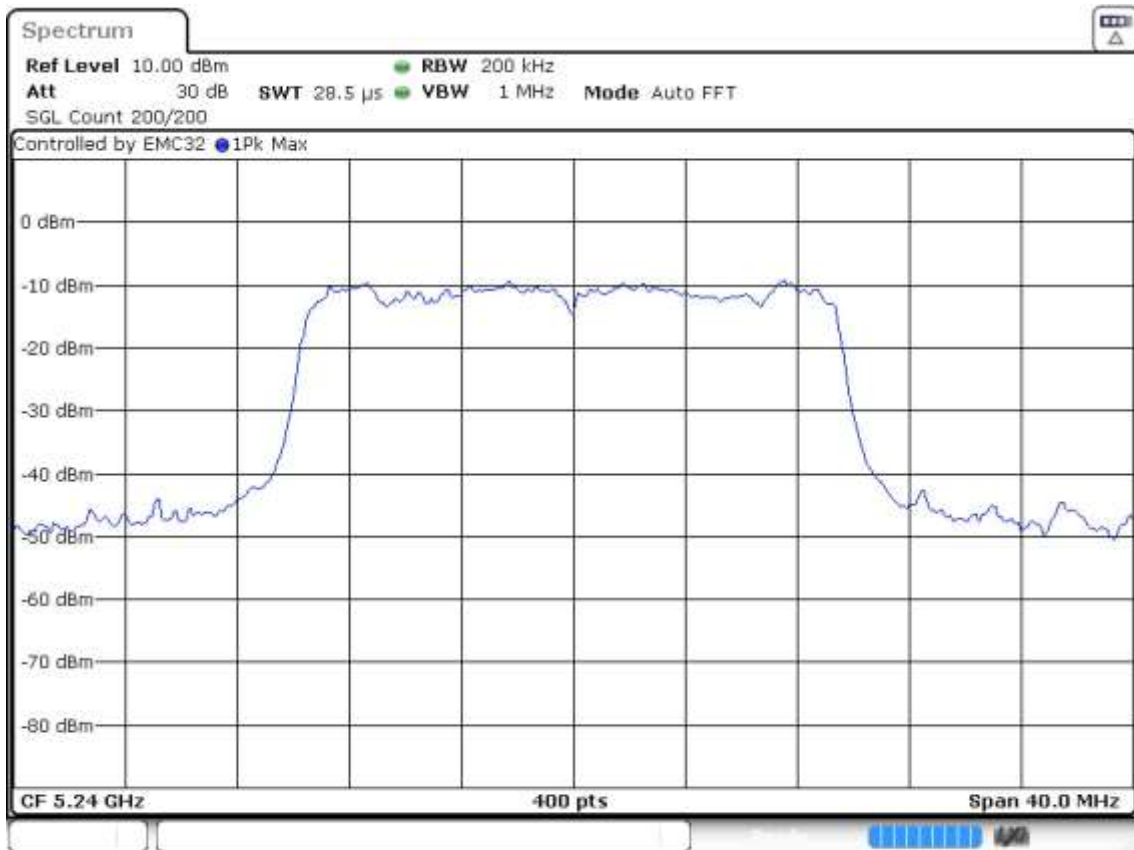
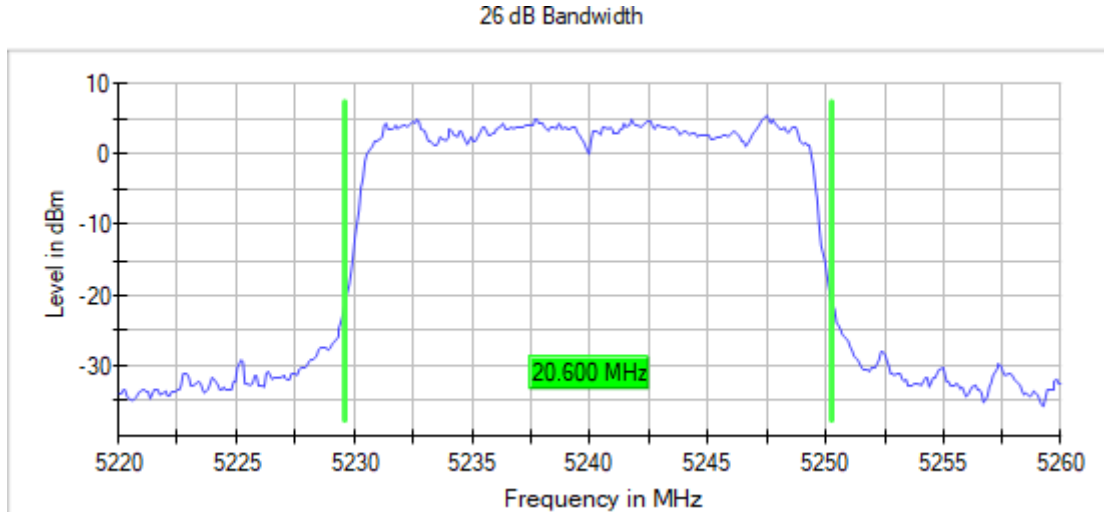
26 dB Bandwidth



Date: 11.SEP.2023 15:18:30

Operation Band MHz = [5150, 5850] Active Port = 1
Frequency MHz = 5240.00000 Modulation = 802.11ax HE20 SS1 (OFDMA MCS0)
MIMO Mode = SISO

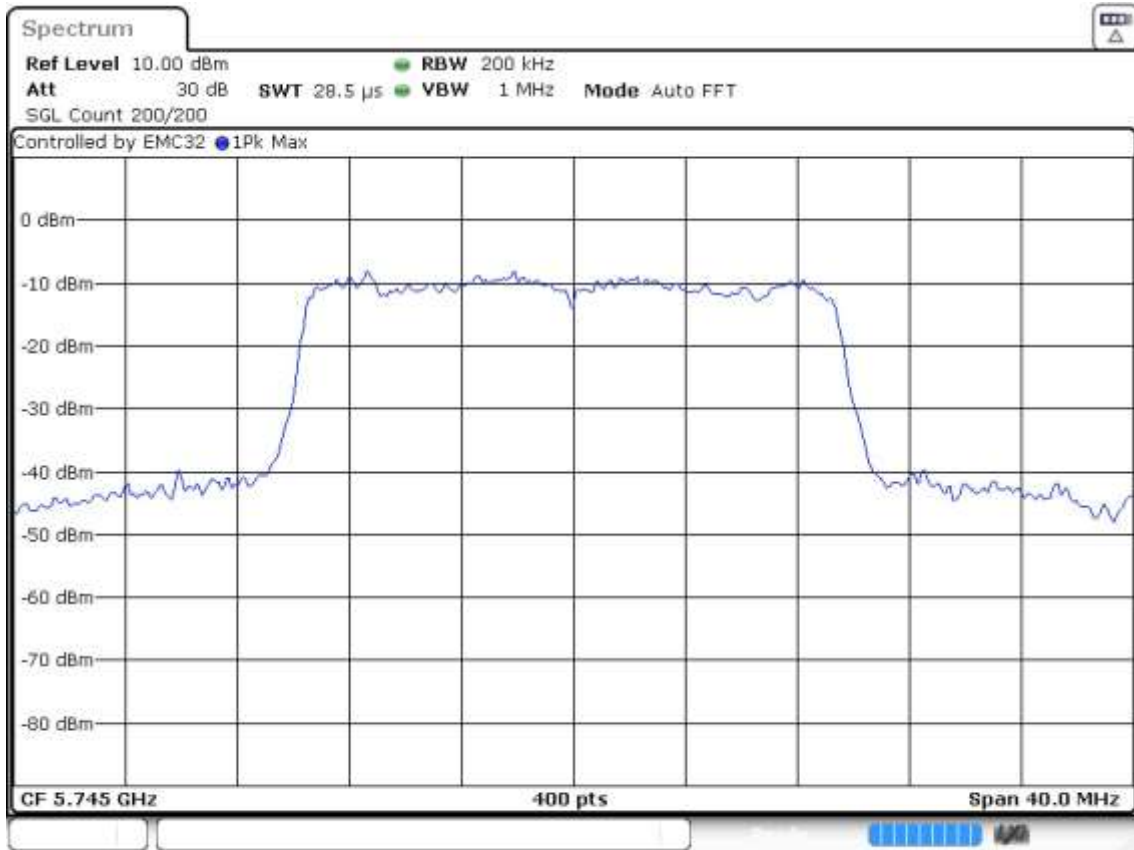
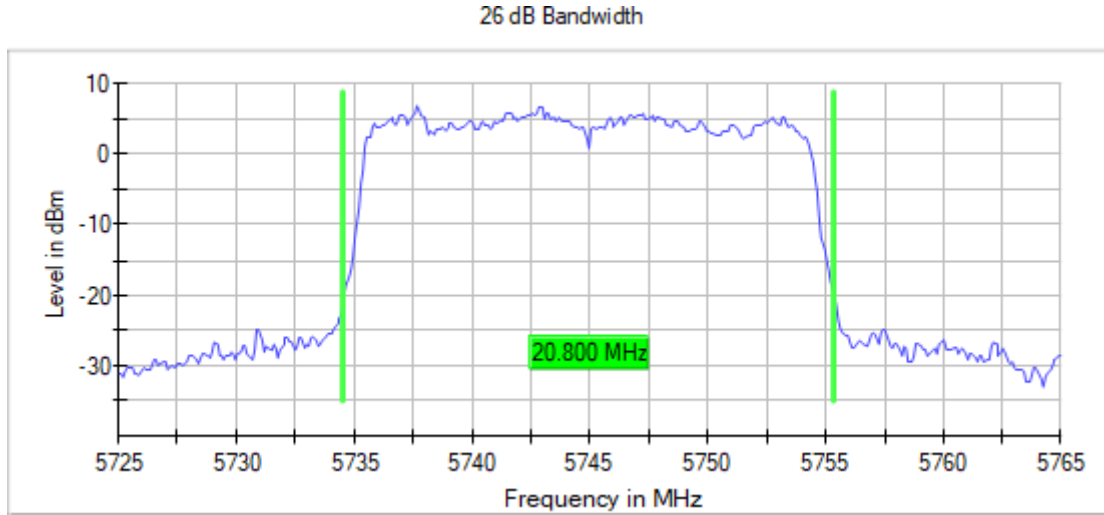
Images:



Date: 11.SEP.2023 15:37:37

Operation Band MHz = [5150, 5850] Active Port = 1
Frequency MHz = 5745.00000 Modulation = 802.11ax HE20 SS1 (OFDMA MCS0)
MIMO Mode = SISO

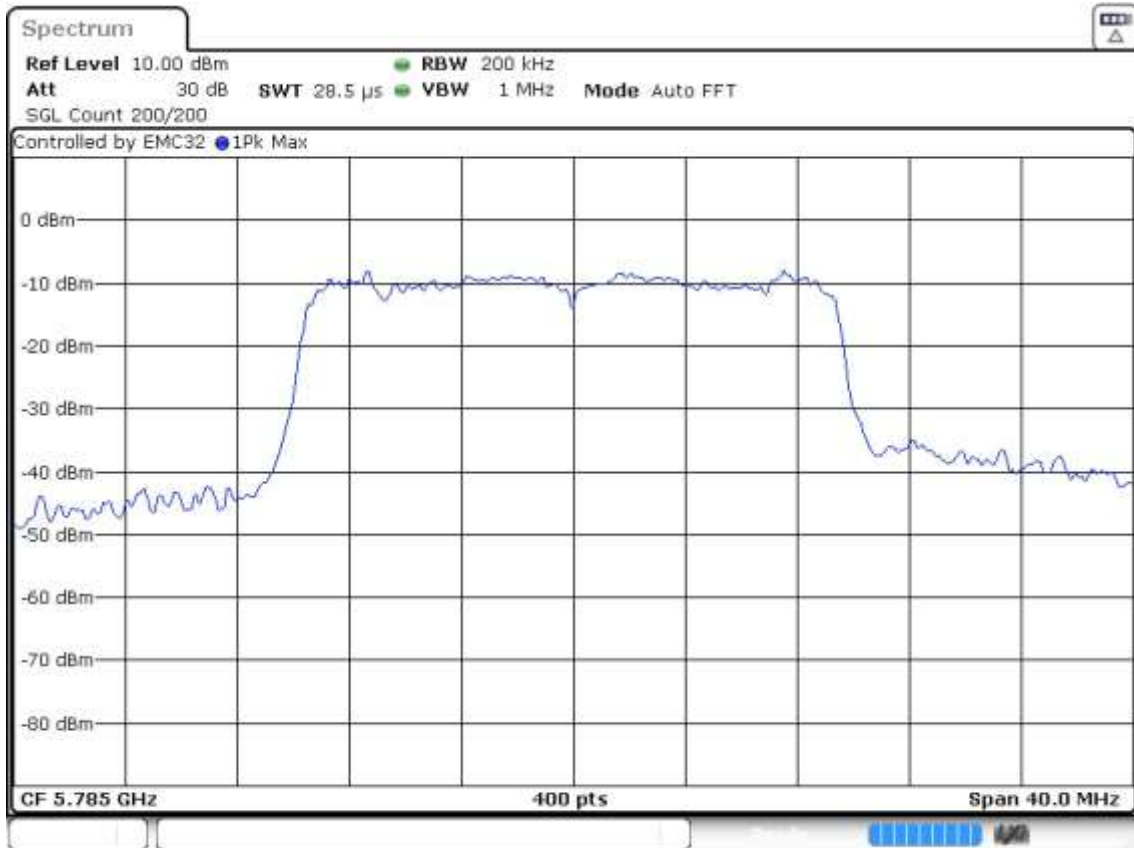
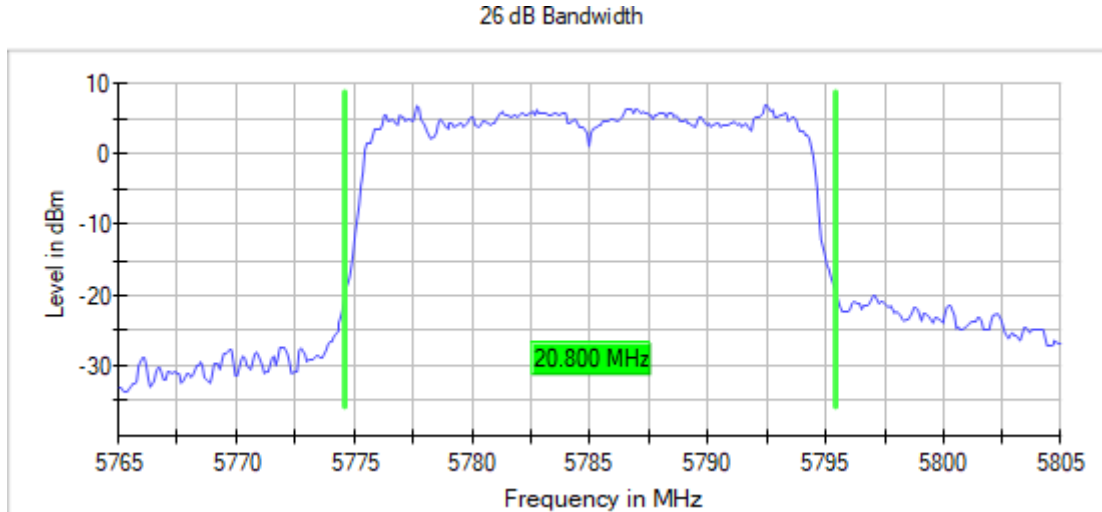
Images:



Date: 11.SEP.2023 16:16:41

Operation Band MHz = [5150, 5850] Active Port = 1
Frequency MHz = 5785.00000 Modulation = 802.11ax HE20 SS1 (OFDMA MCS0)
MIMO Mode = SISO

Images:



Date: 11.SEP.2023 16:32:19

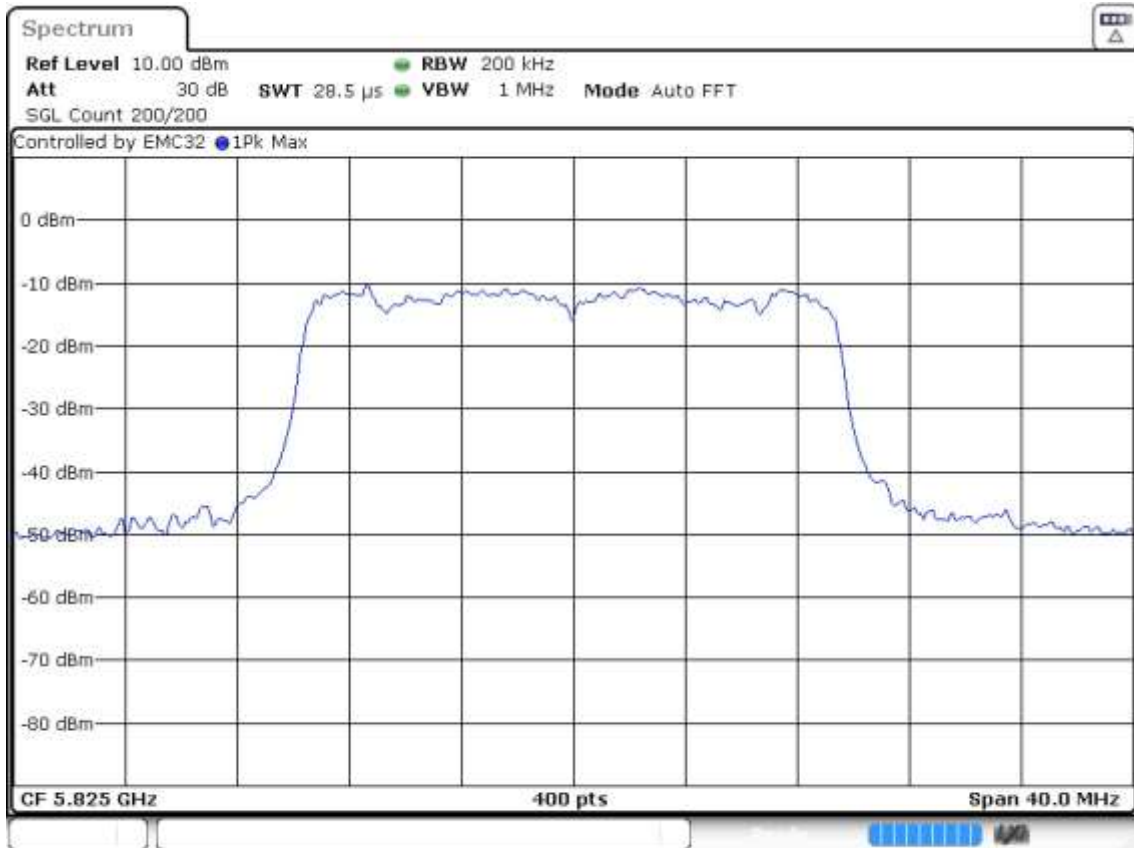
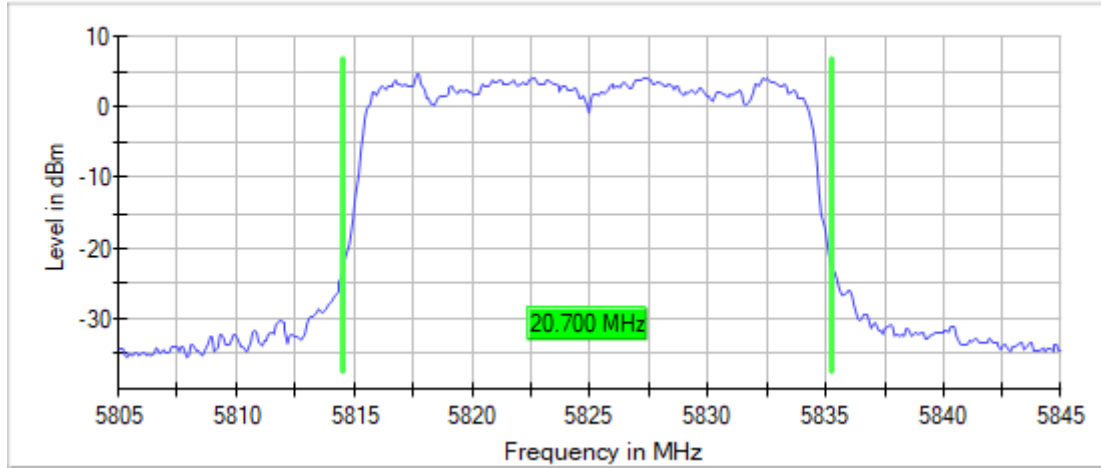
Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5825.00000 Modulation = 802.11ax HE20 SS1 (OFDMA MCS0)

MIMO Mode = SISO

Images:

26 dB Bandwidth



Date: 11.SEP.2023 16:50:21

Modulation: 802.11ac VHT40 SS1 (OFDM MCS0)

MIMO Mode: SISO

Results

| Operation Band (MHz) | Port | Freq (MHz) | Ebw (MHz) |
|----------------------|------|------------|-----------|
| [5150, 5850] | 1 | 5190.00000 | 41.726 |
| | | 5230.00000 | 41.126 |
| | | 5755.00000 | 41.876 |
| | | 5795.00000 | 41.726 |

Verdict

Pass

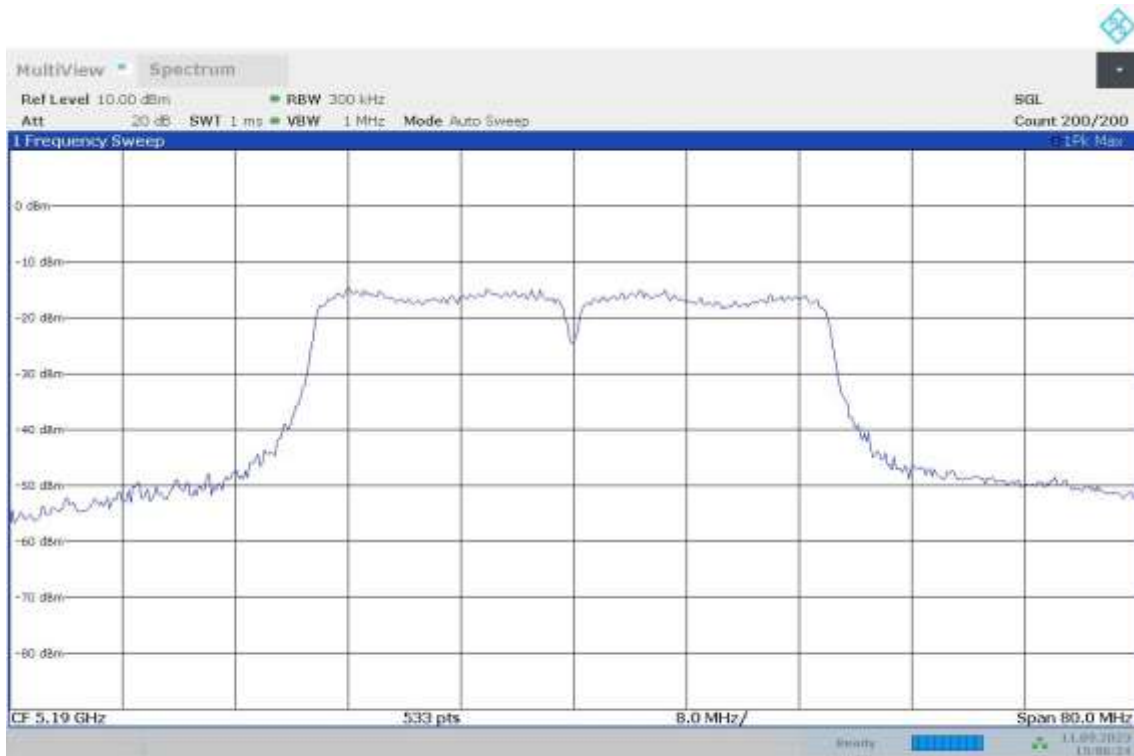
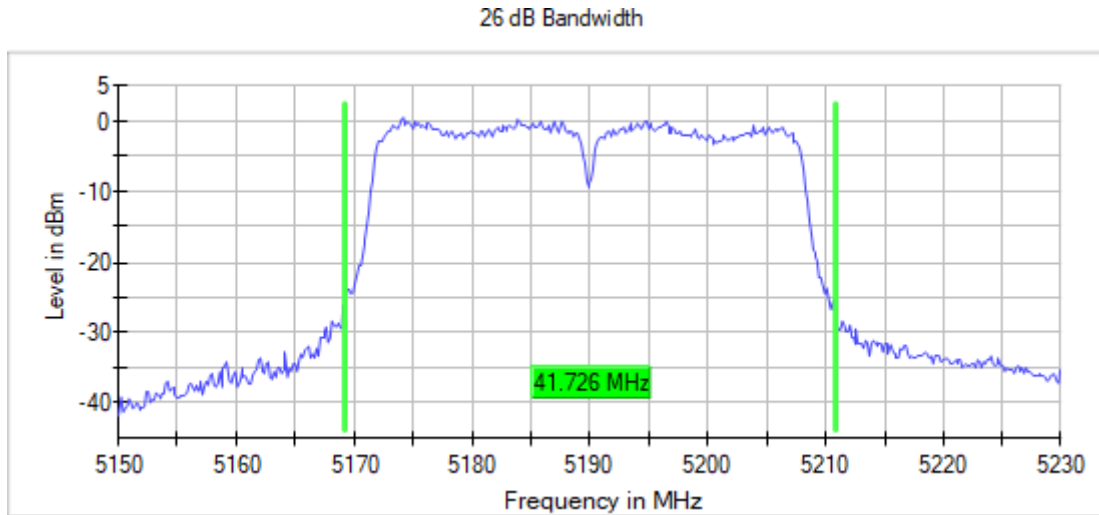
Attachments

Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5190.00000 Modulation = 802.11ac VHT40 SS1 (OFDM MCS0)

MIMO Mode = SISO

Images:

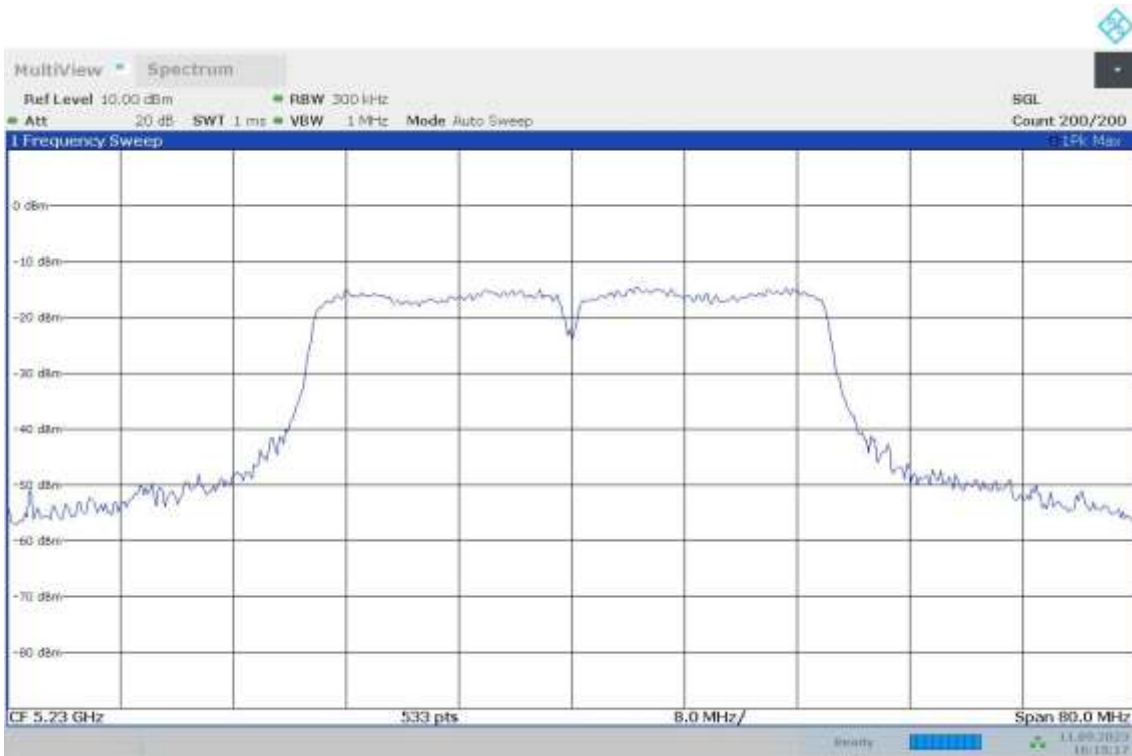
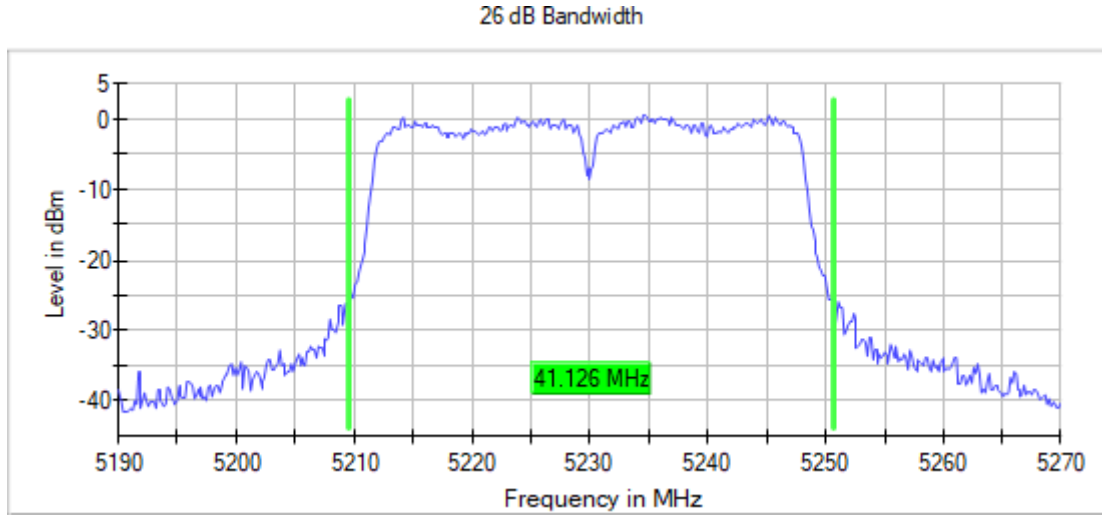


Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5230.00000 Modulation = 802.11ac VHT40 SS1 (OFDM MCS0)

MIMO Mode = SISO

Images:

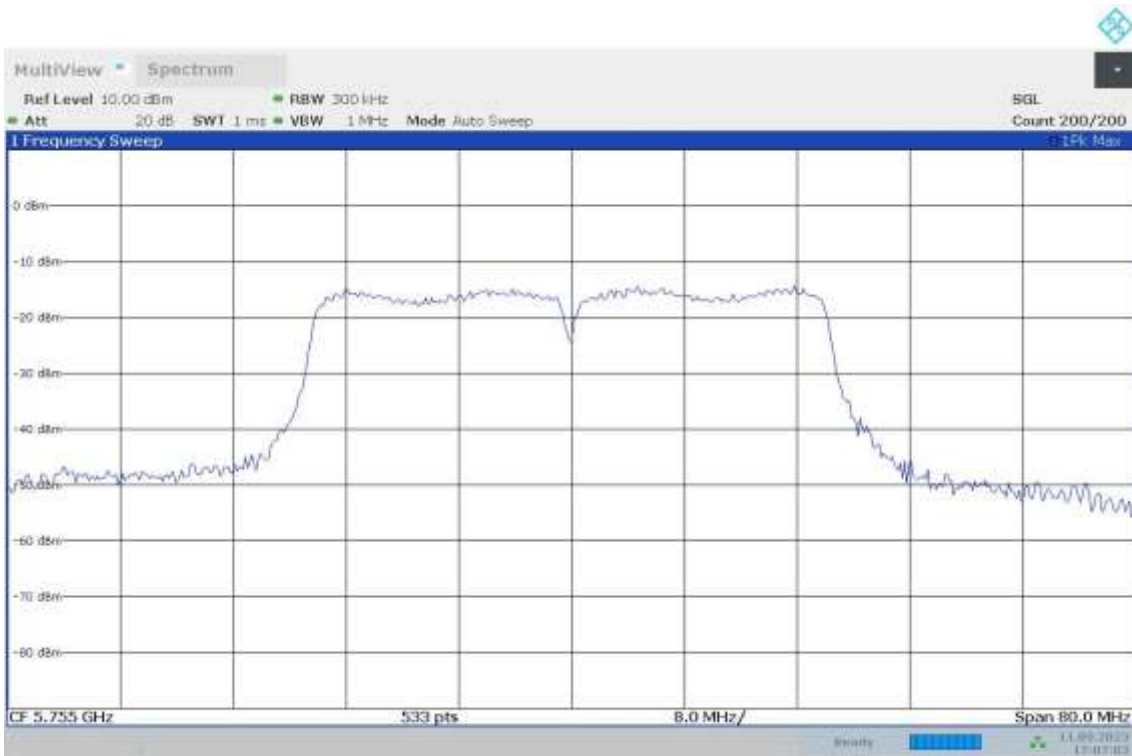
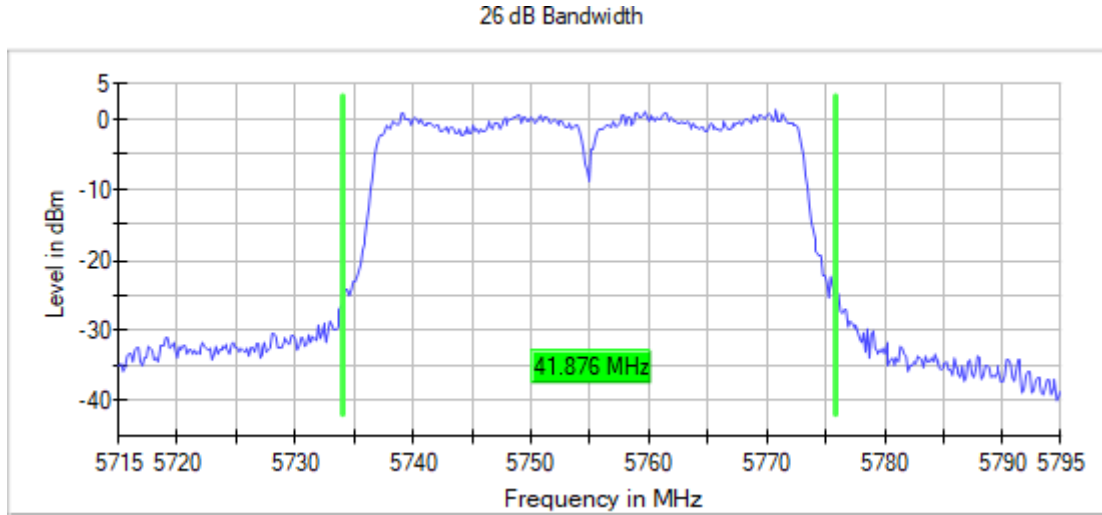


Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5755.00000 Modulation = 802.11ac VHT40 SS1 (OFDM MCS0)

MIMO Mode = SISO

Images:



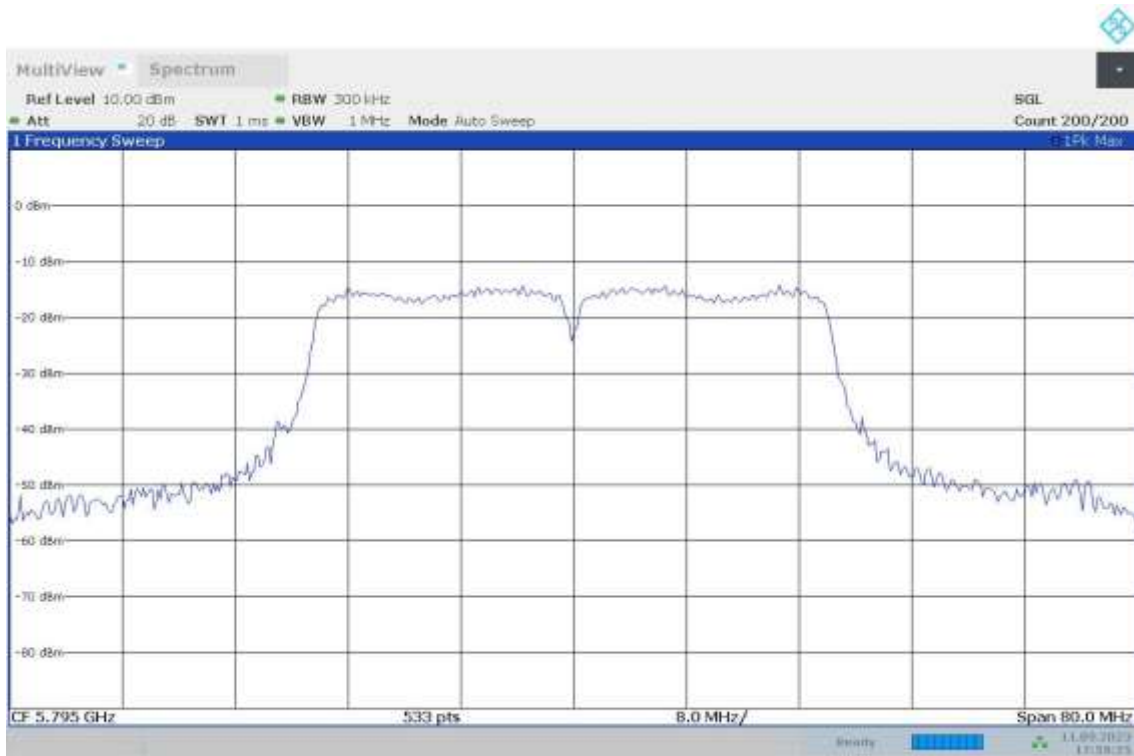
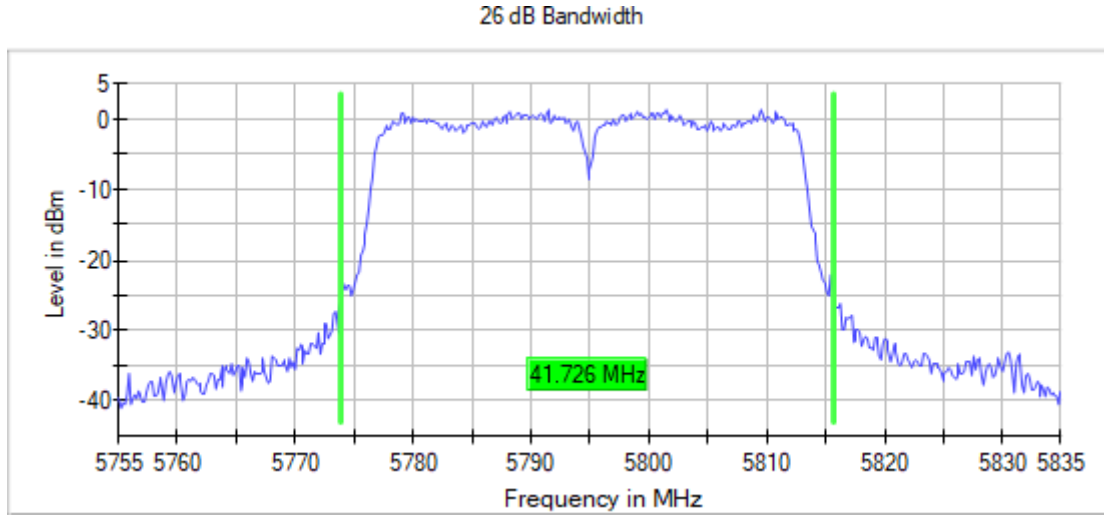
17:07:04 11.09.2023

Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5795.00000 Modulation = 802.11ac VHT40 SS1 (OFDM MCS0)

MIMO Mode = SISO

Images:



17:59:26 11.09.2023

Modulation: 802.11ax HE40 SS1 (OFDMA MCS0)

MIMO Mode: SISO

Results

| Operation Band (MHz) | Port | Freq (MHz) | Ebw (MHz) |
|----------------------|------|------------|-----------|
| [5150, 5850] | 1 | 5190.00000 | 40.525 |
| | | 5230.00000 | 40.525 |
| | | 5755.00000 | 40.675 |
| | | 5795.00000 | 40.375 |

Verdict

Pass

Attachments

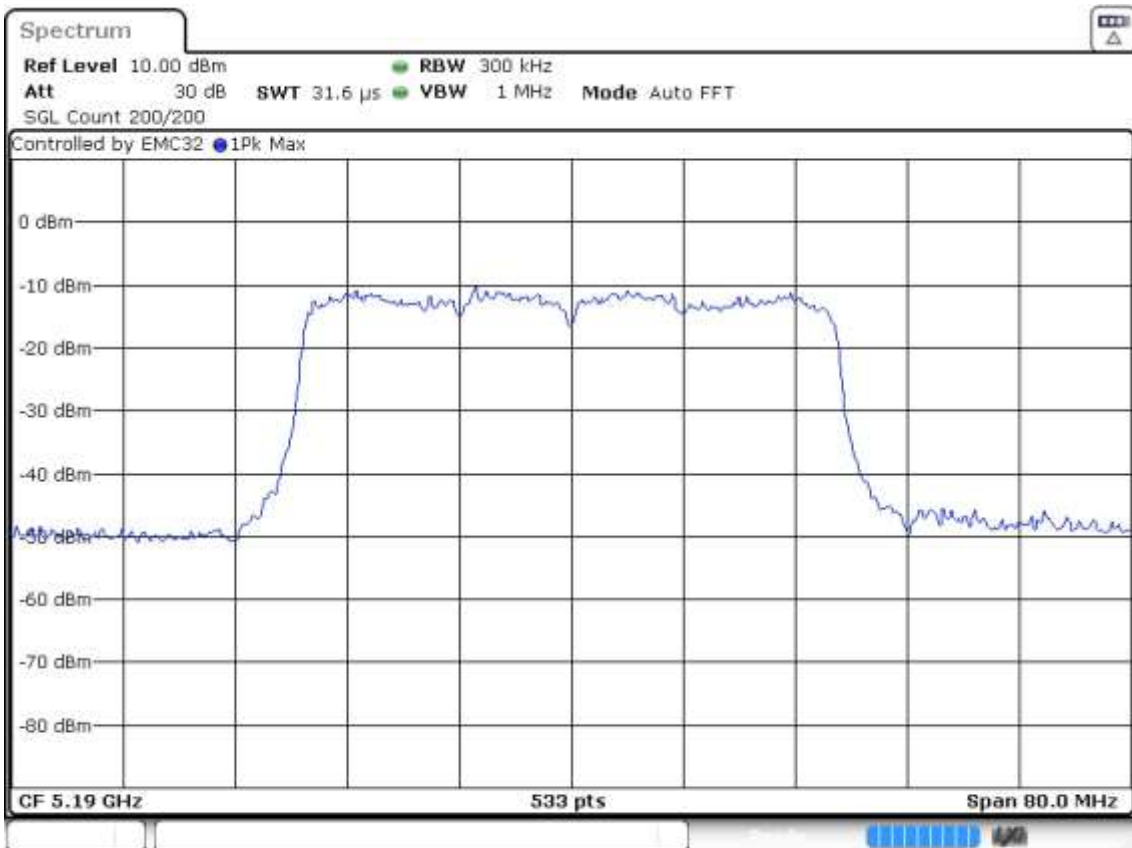
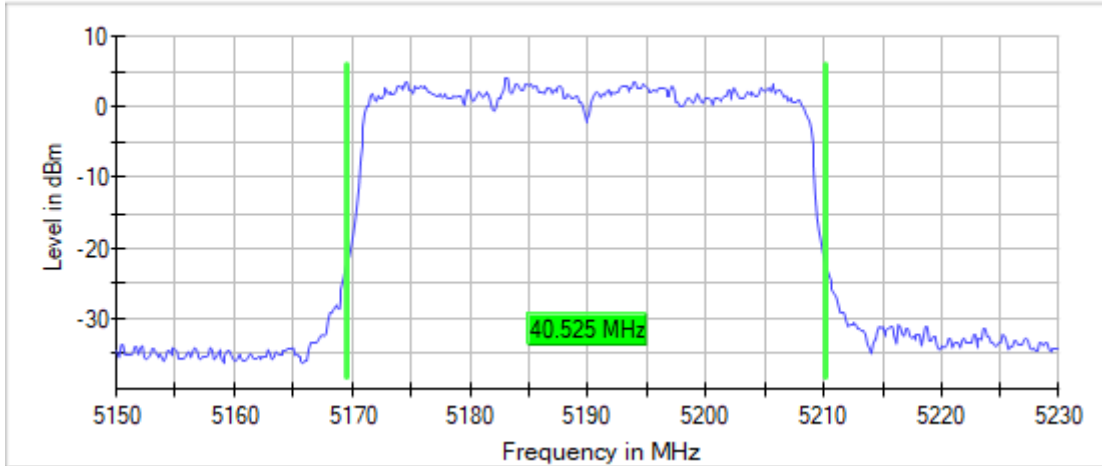
Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5190.00000 Modulation = 802.11ax HE40 SS1 (OFDMA MCS0)

MIMO Mode = SISO

Images:

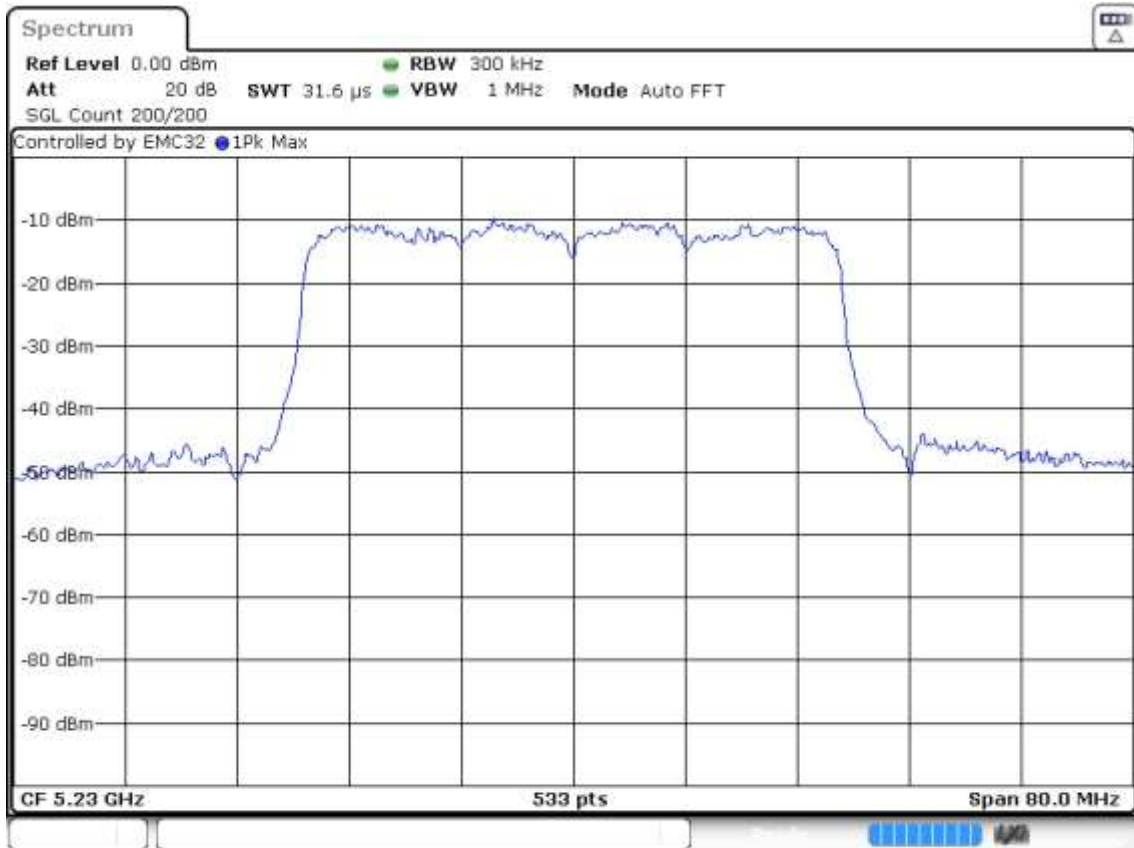
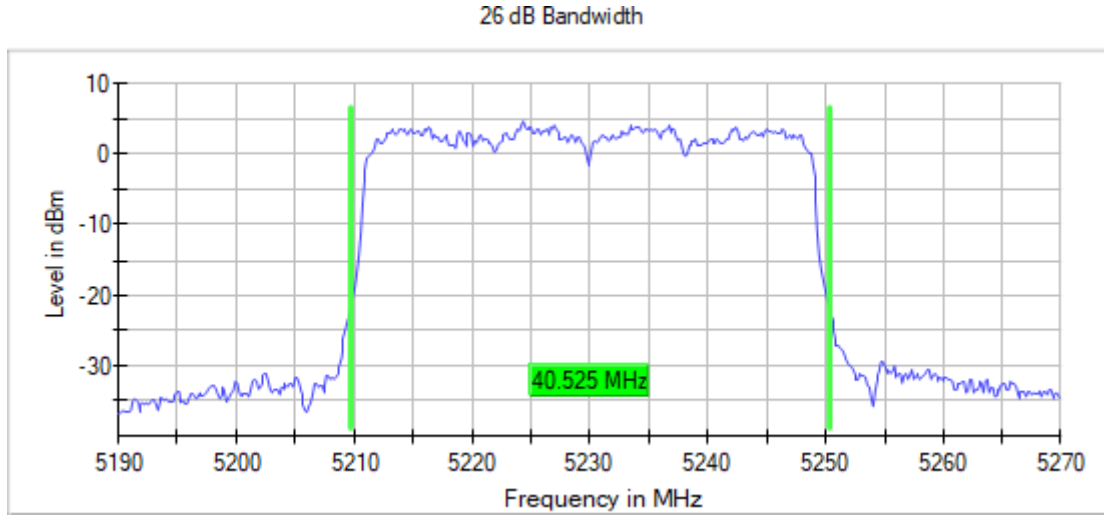
26 dB Bandwidth



Date: 11.SEP.2023 18:18:03

Operation Band MHz = [5150, 5850] Active Port = 1
Frequency MHz = 5230.00000 Modulation = 802.11ax HE40 SS1 (OFDMA MCS0)
MIMO Mode = SISO

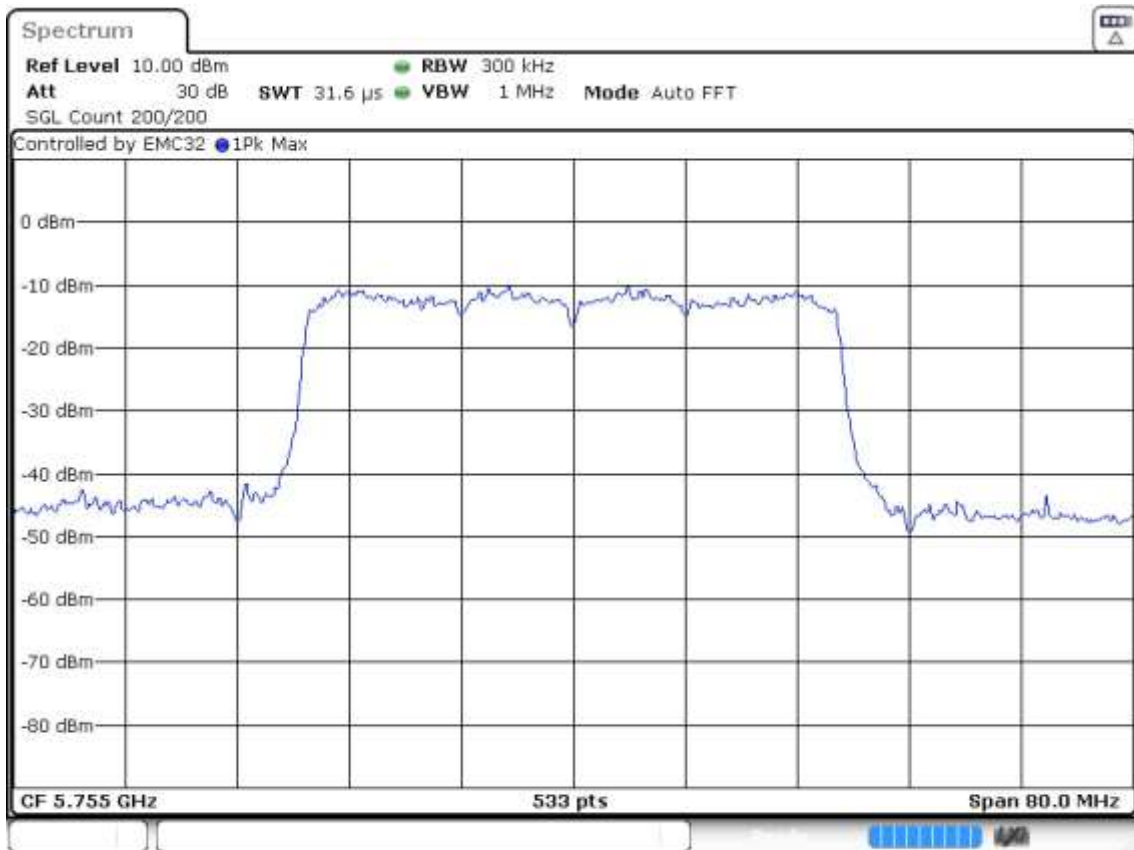
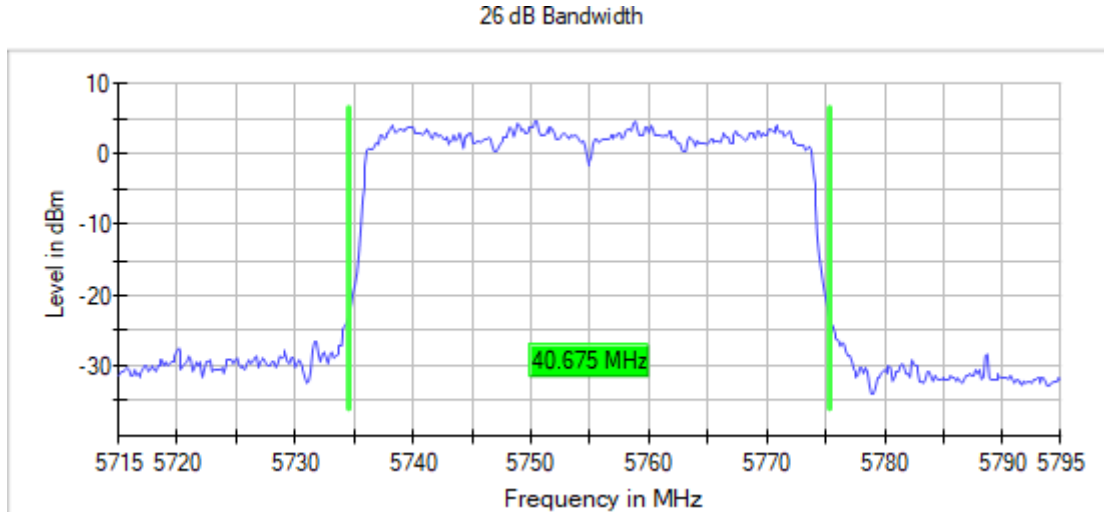
Images:



Date: 11.SEP.2023 19:07:42

Operation Band MHz = [5150, 5850] Active Port = 1
Frequency MHz = 5755.00000 Modulation = 802.11ax HE40 SS1 (OFDMA MCS0)
MIMO Mode = SISO

Images:



Date: 11.SEP.2023 19:42:54

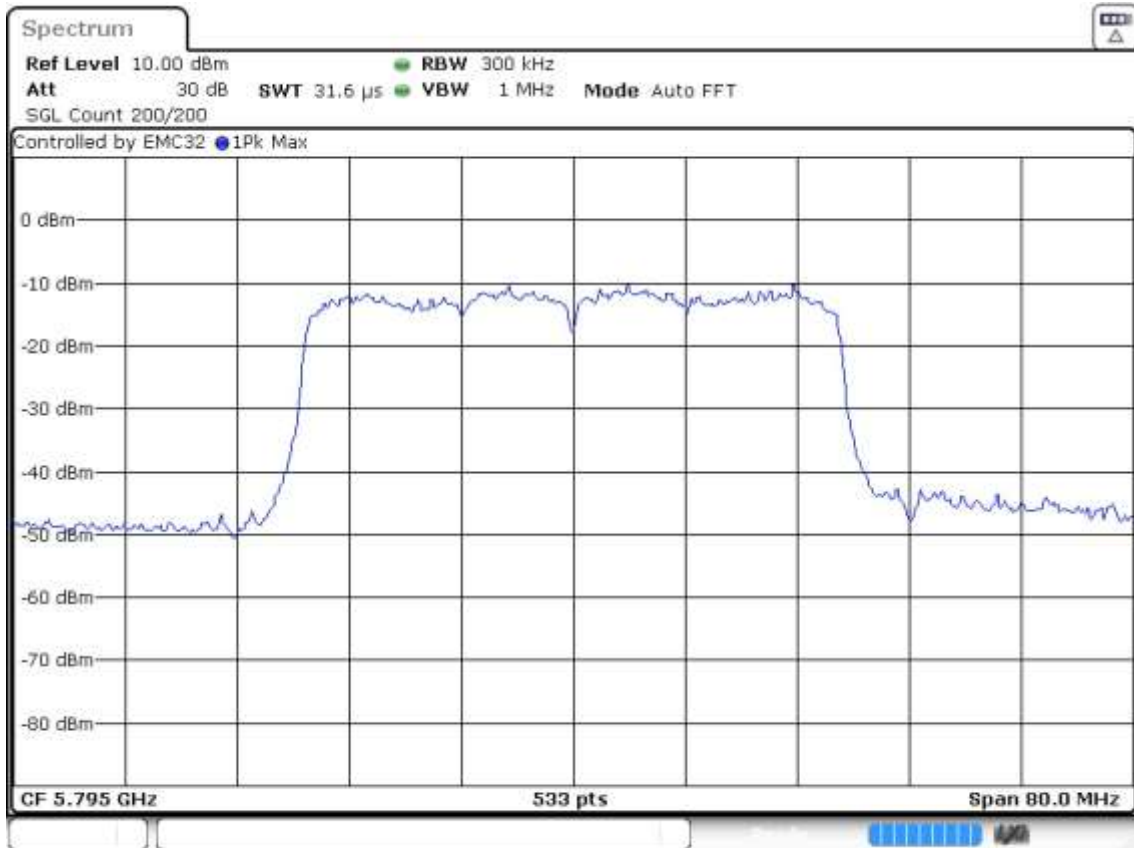
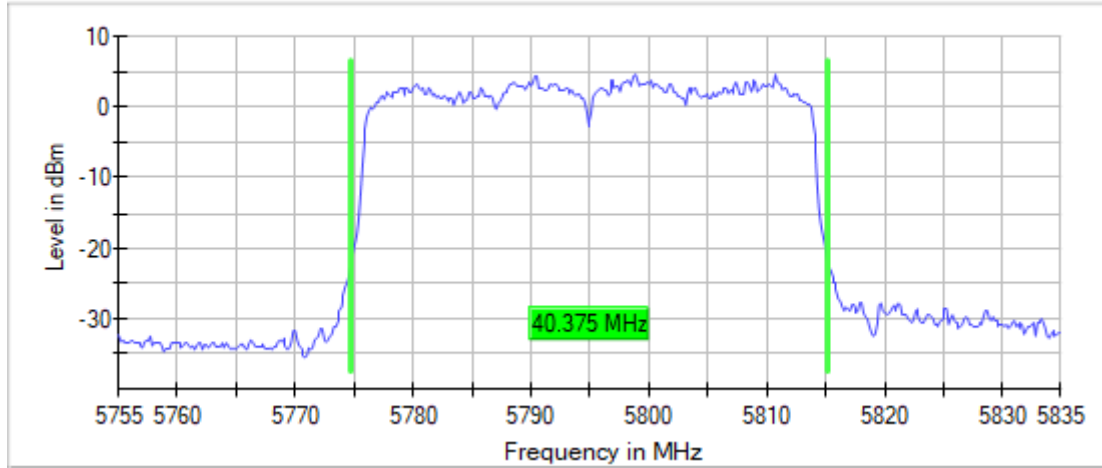
Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5795.00000 Modulation = 802.11ax HE40 SS1 (OFDMA MCS0)

MIMO Mode = SISO

Images:

26 dB Bandwidth



Date: 11.SEP.2023 20:22:59

Modulation: 802.11ac VHT80 SS1 (OFDM MCS0)

MIMO Mode: SISO

Results

| Operation Band (MHz) | Port | Freq (MHz) | Ebw (MHz) |
|----------------------|------|------------|-----------|
| [5150, 5850] | 1 | 5210.00000 | 83.500 |
| | | 5775.00000 | 97.500 |

Verdict

Pass

Attachments

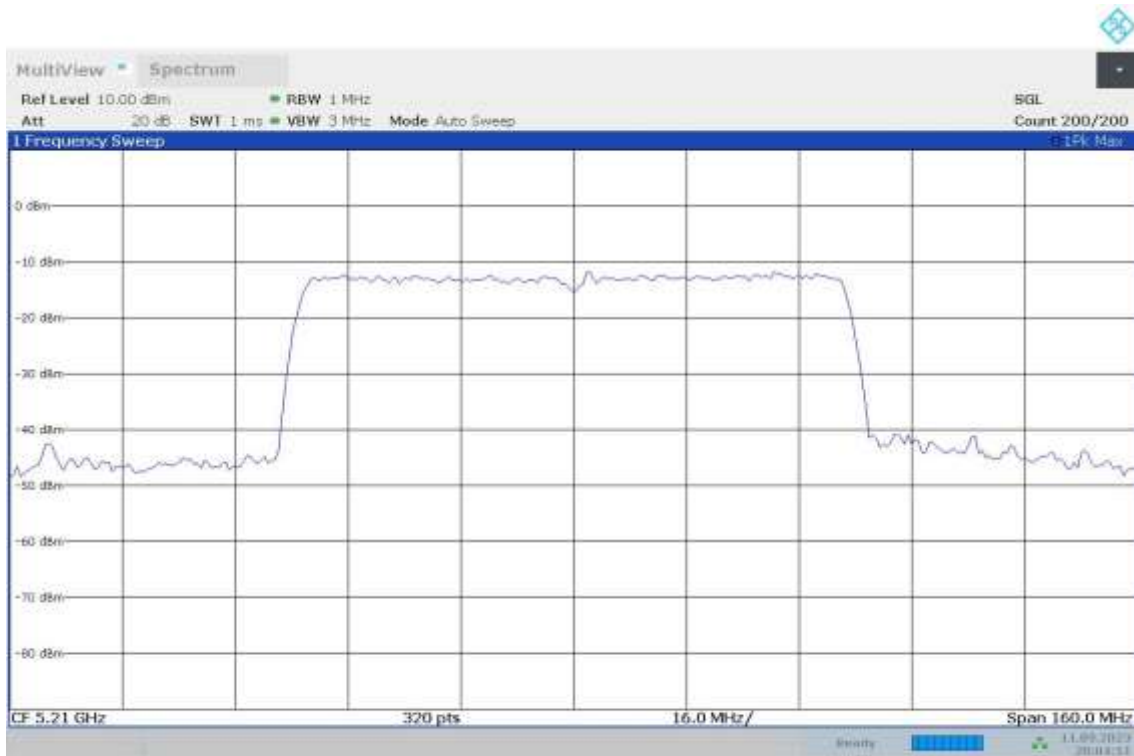
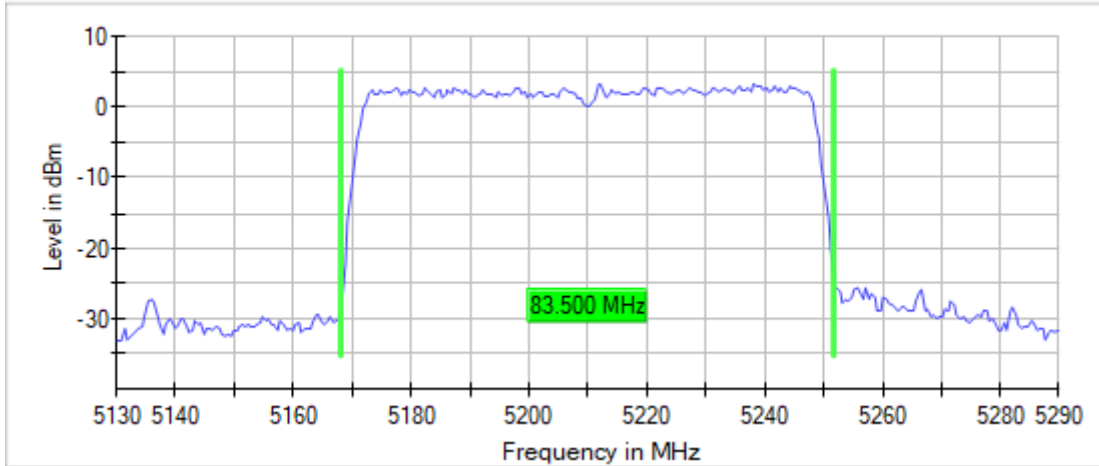
Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5210.00000 Modulation = 802.11ac VHT80 SS1 (OFDM MCS0)

MIMO Mode = SISO

Images:

26 dB Bandwidth

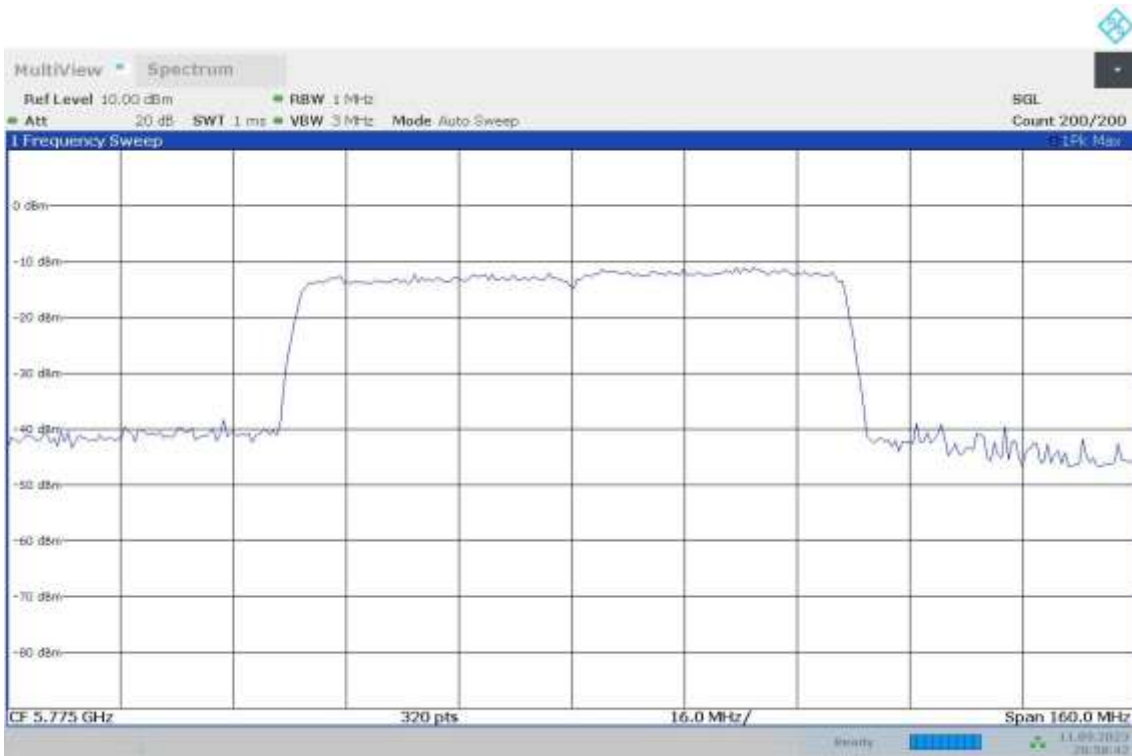
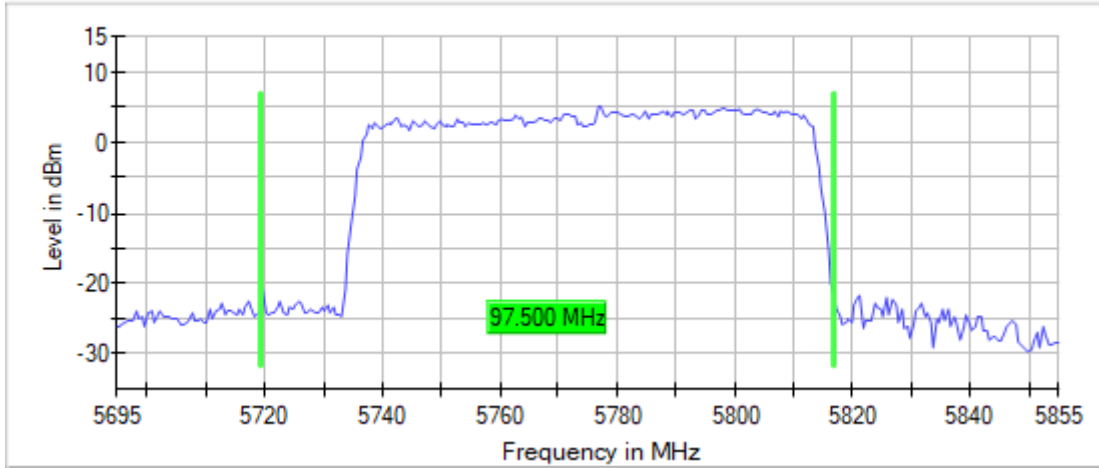


20:04:51 11.09.2023

Operation Band MHz = [5150, 5850] Active Port = 1
Frequency MHz = 5775.00000 Modulation = 802.11ac VHT80 SS1 (OFDM MCS0)
MIMO Mode = SISO

Images:

26 dB Bandwidth



20:58:43 11.09.2023

Modulation: 802.11ax HE80 SS1 (OFDMA MCS0)

MIMO Mode: SISO

Results

| Operation Band (MHz) | Port | Freq (MHz) | Ebw (MHz) |
|----------------------|------|------------|-----------|
| [5150, 5850] | 1 | 5210.00000 | 82.000 |
| | | 5775.00000 | 81.500 |

Verdict

Pass

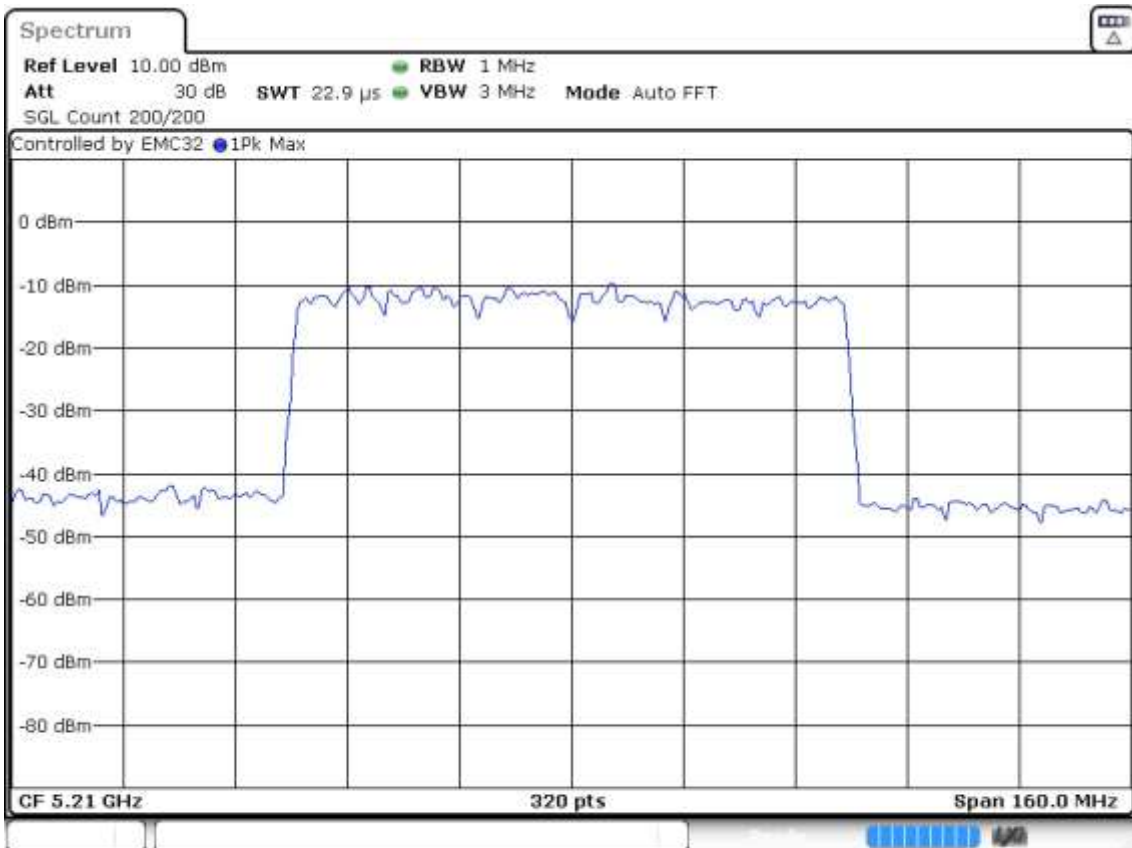
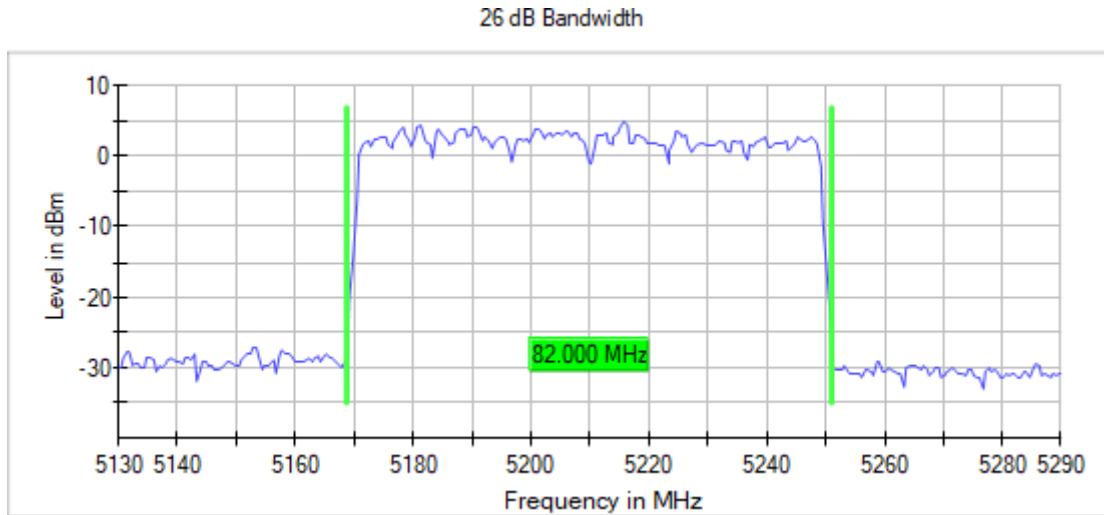
Attachments

Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5210.00000 Modulation = 802.11ax HE80 SS1 (OFDMA MCS0)

MIMO Mode = SISO

Images:



Date: 12 SEP. 2023 10:49:11

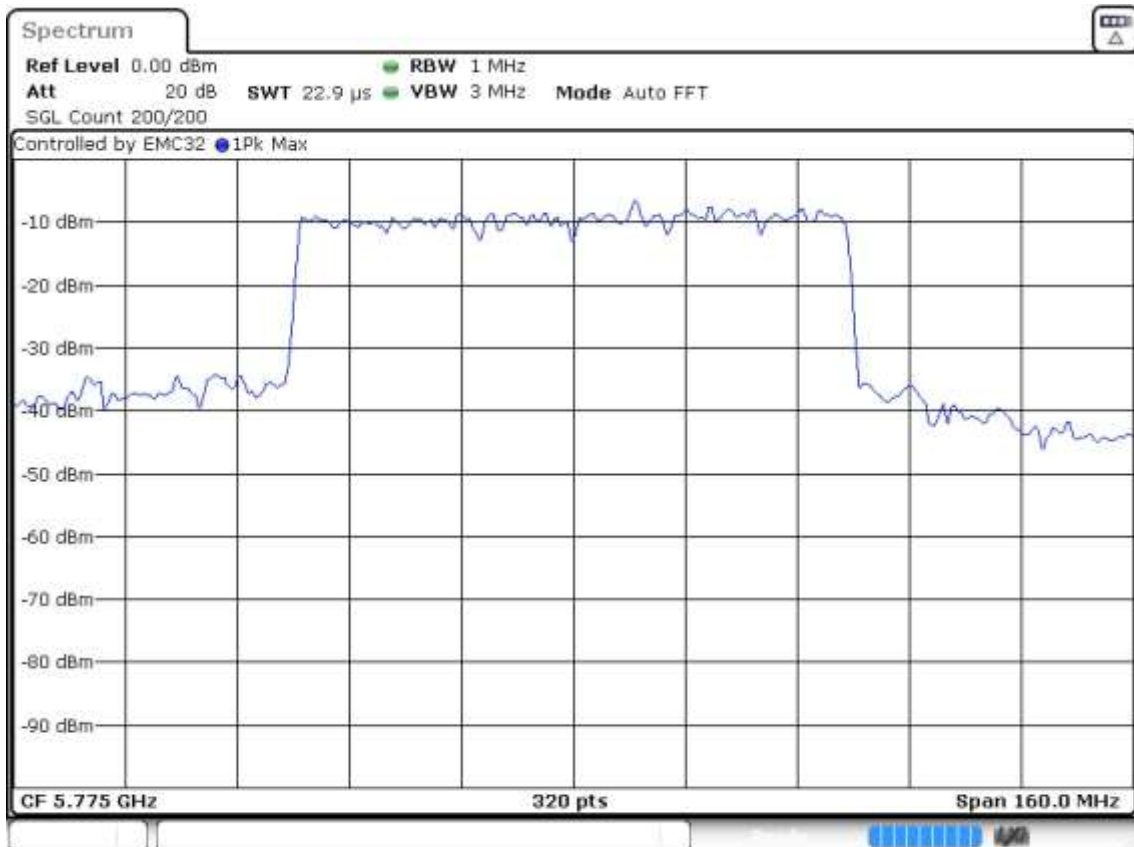
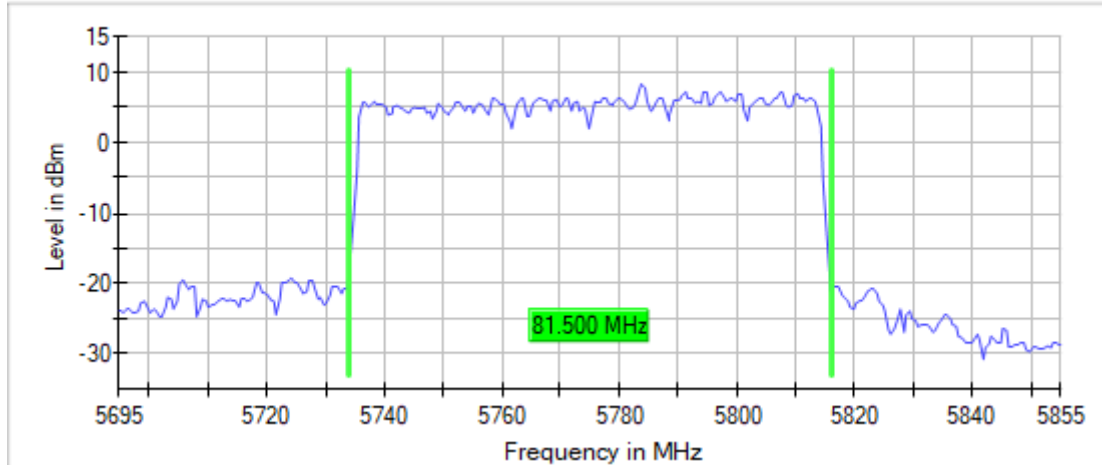
Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5775.00000 Modulation = 802.11ax HE80 SS1 (OFDMA MCS0)

MIMO Mode = SISO

Images:

26 dB Bandwidth



Date: 12 SEP.2023 11:34:58

Modulation: 802.11a (OFDM 6 Mbit/s)

MIMO Mode: SISO

Results

| Operation Band (MHz) | Port | Freq (MHz) | Ebw (MHz) |
|----------------------|------|------------|-----------|
| [5150, 5850] | 1 | 5180.00000 | 20.300 |
| | | 5200.00000 | 19.700 |
| | | 5240.00000 | 19.700 |
| | | 5745.00000 | 20.400 |
| | | 5785.00000 | 19.700 |
| | | 5825.00000 | 19.900 |

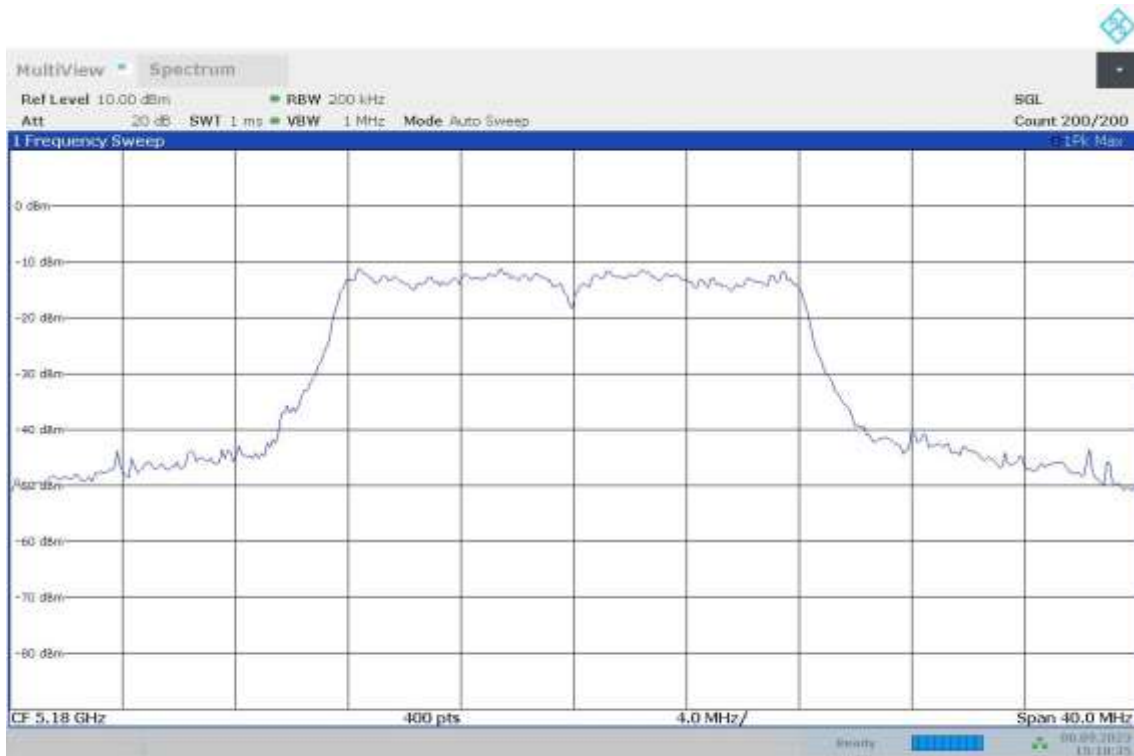
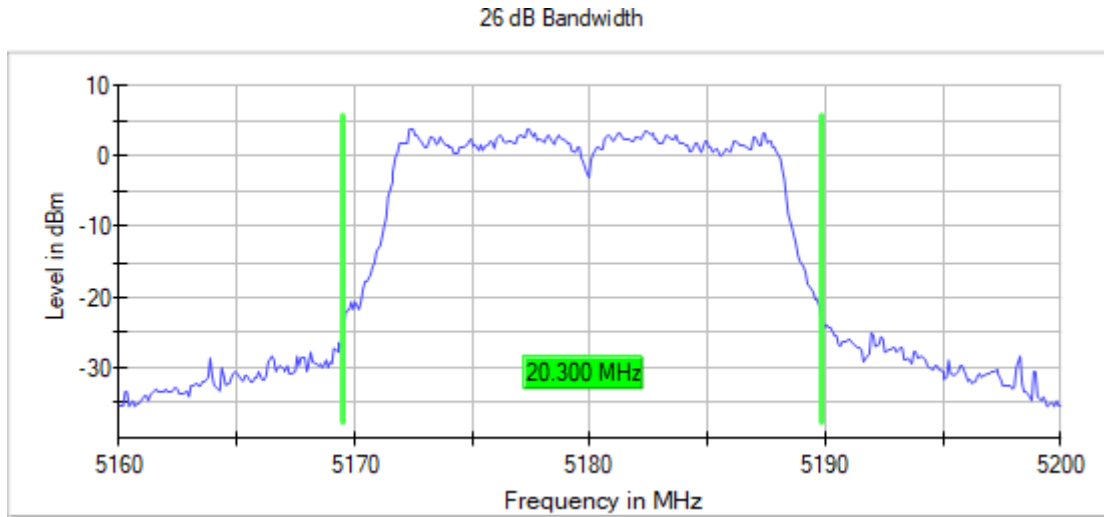
Verdict

Pass

Attachments

Operation Band MHz = [5150, 5850] Active Port = 1
Frequency MHz = 5180.00000 Modulation = 802.11a (OFDM 6 Mbit/s)
MIMO Mode = SISO

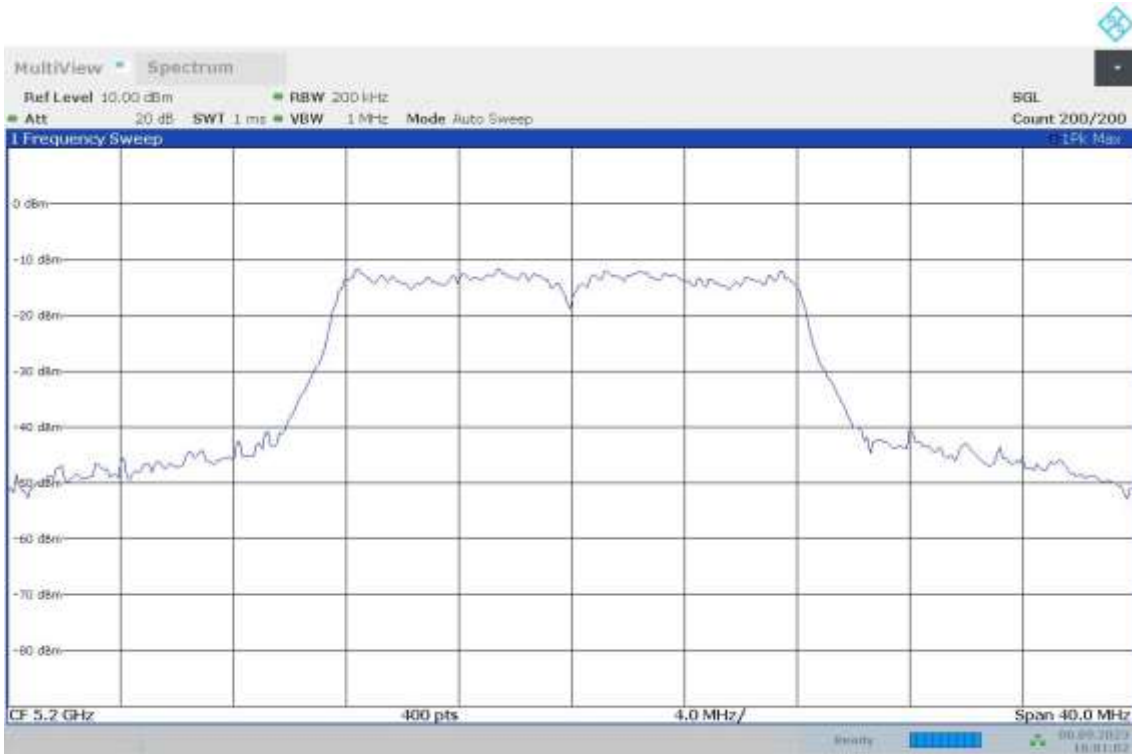
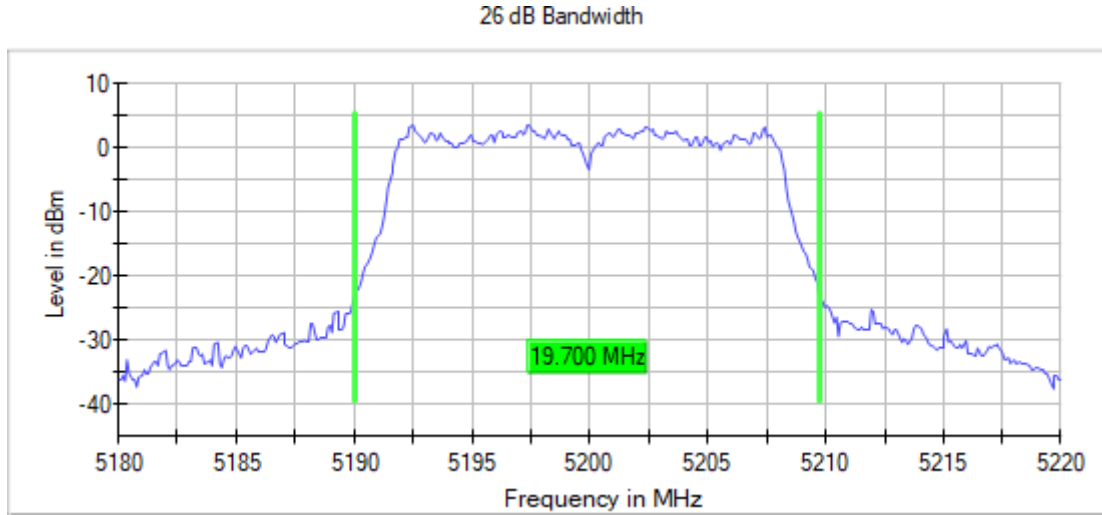
Images:



15:10:35 08.09.2023

Operation Band MHz = [5150, 5850] Active Port = 1
Frequency MHz = 5200.00000 Modulation = 802.11a (OFDM 6 Mbit/s)
MIMO Mode = SISO

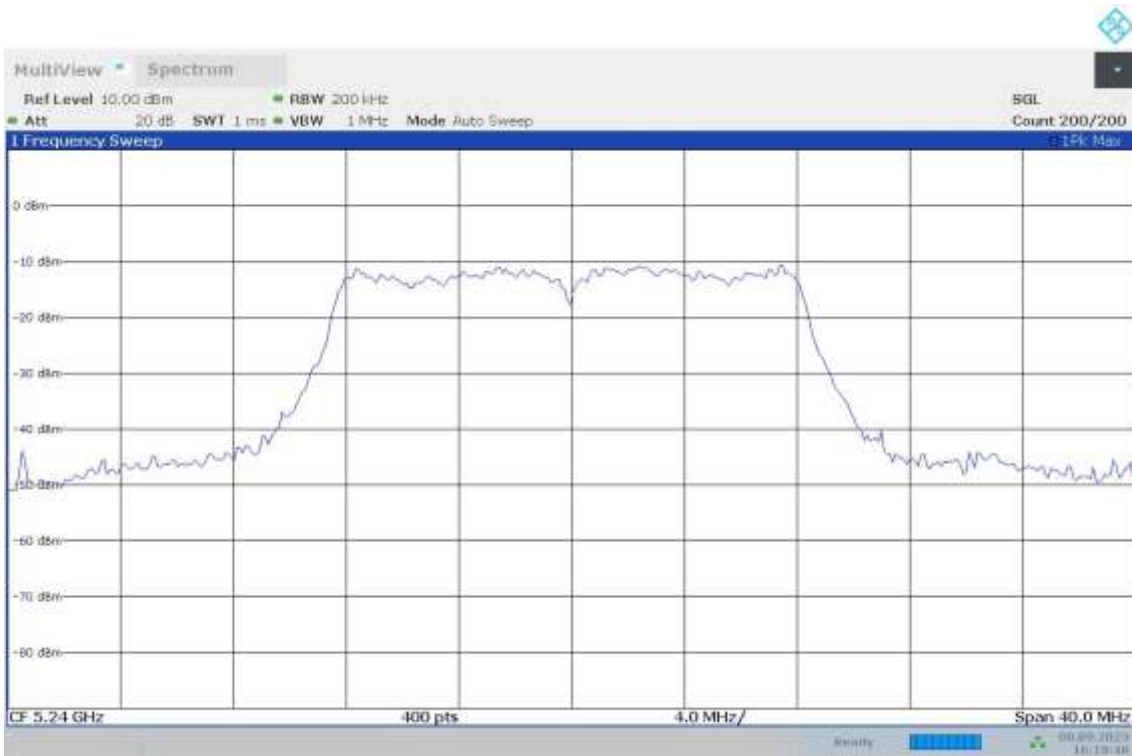
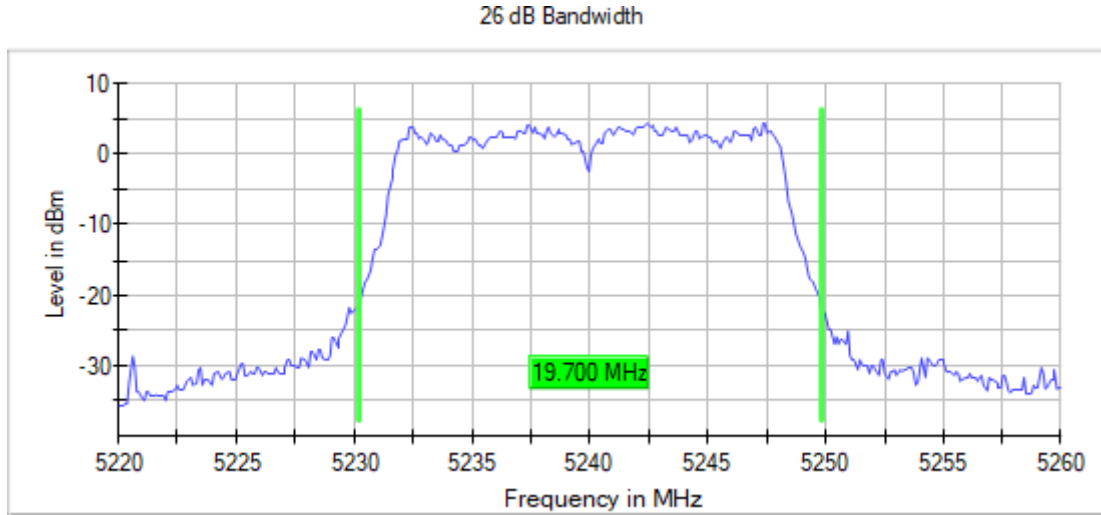
Images:



16:01:03 08.09.2023

Operation Band MHz = [5150, 5850] Active Port = 1
Frequency MHz = 5240.00000 Modulation = 802.11a (OFDM 6 Mbit/s)
MIMO Mode = SISO

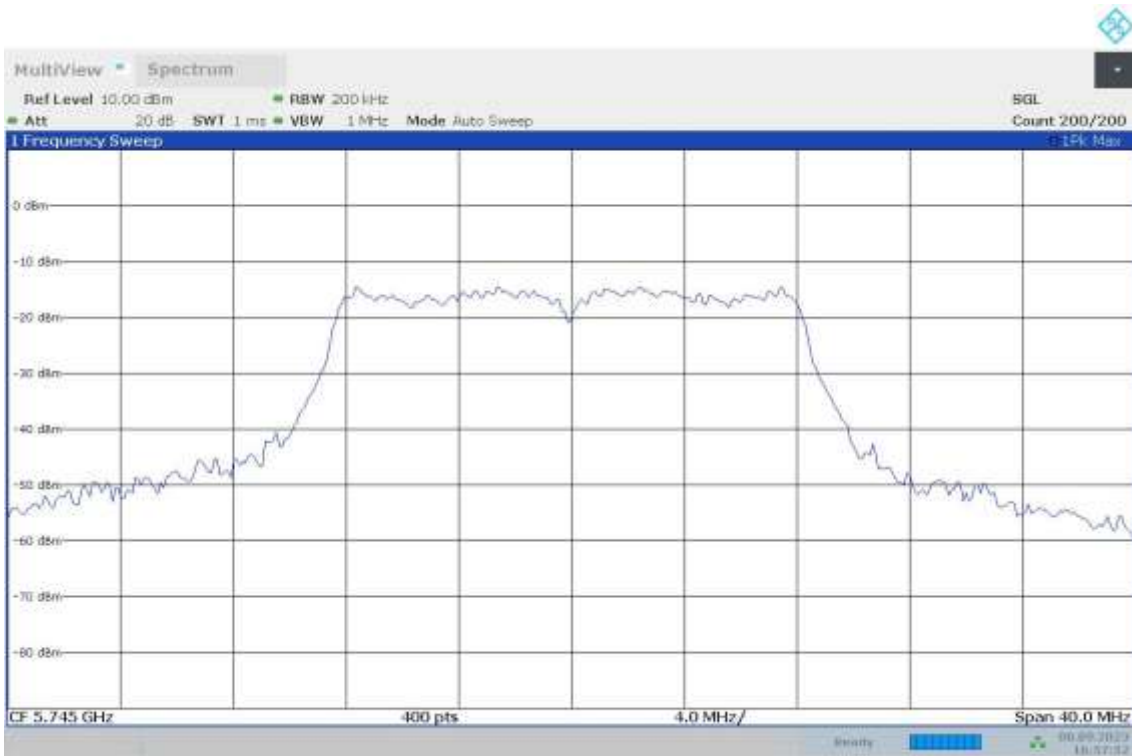
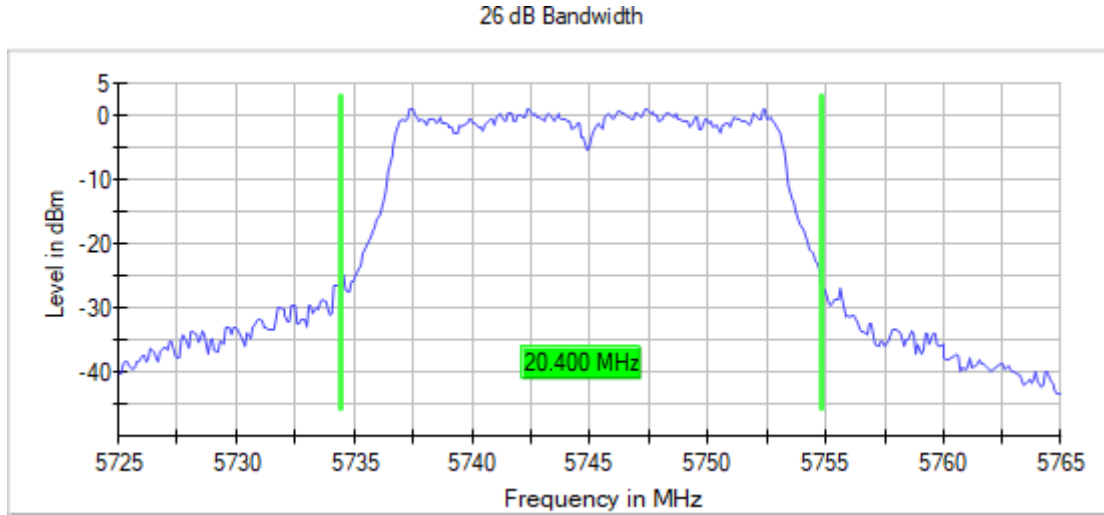
Images:



16:19:48 08.09.2023

Operation Band MHz = [5150, 5850] Active Port = 1
Frequency MHz = 5745.00000 Modulation = 802.11a (OFDM 6 Mbit/s)
MIMO Mode = SISO

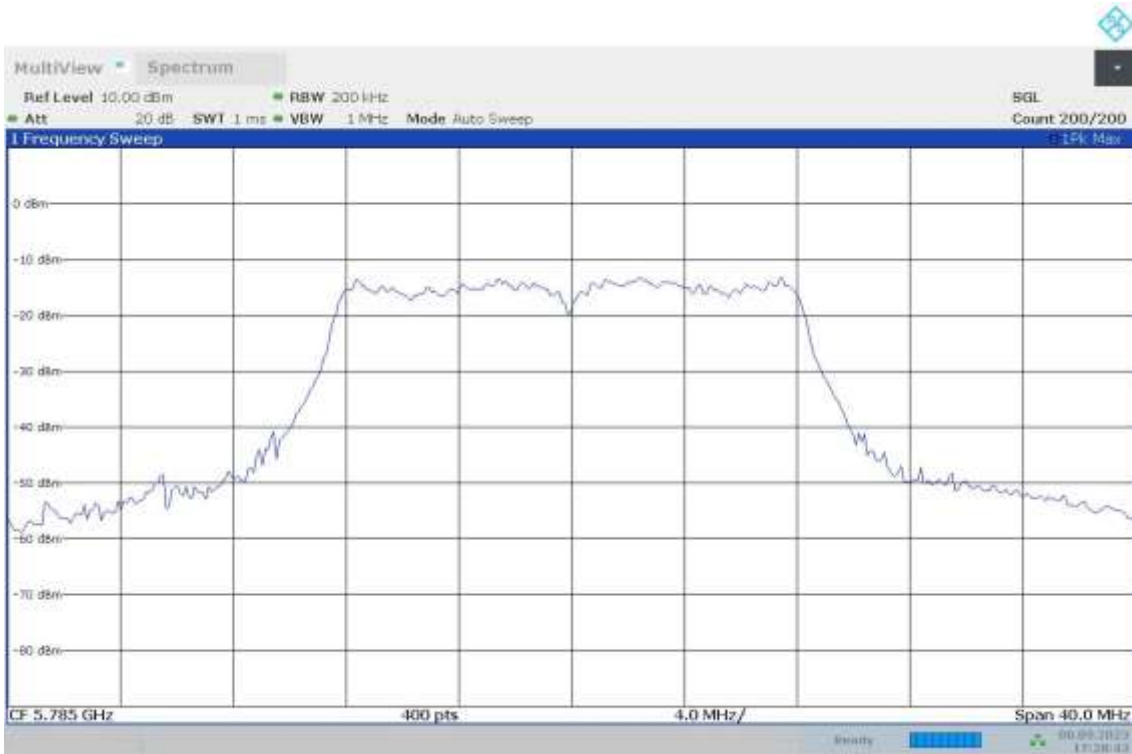
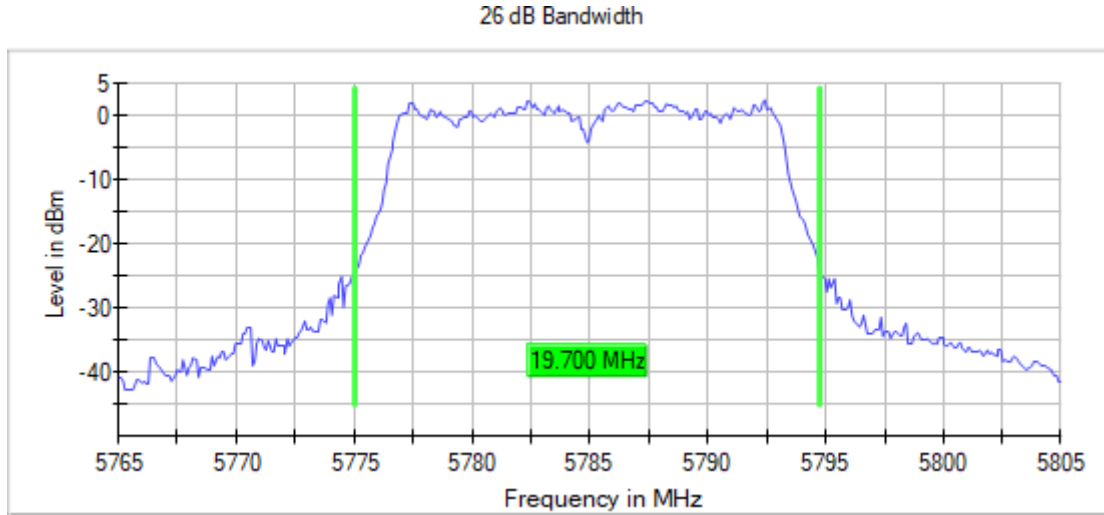
Images:



16:57:52 08.09.2023

Operation Band MHz = [5150, 5850] Active Port = 1
Frequency MHz = 5785.00000 Modulation = 802.11a (OFDM 6 Mbit/s)
MIMO Mode = SISO

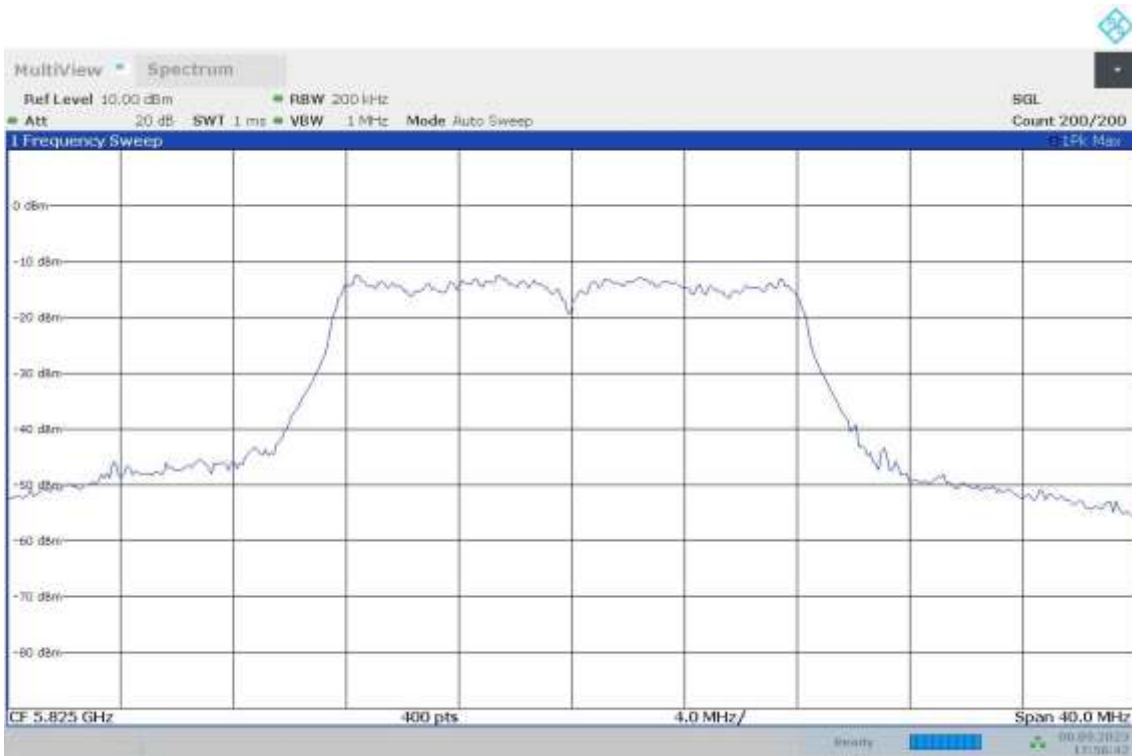
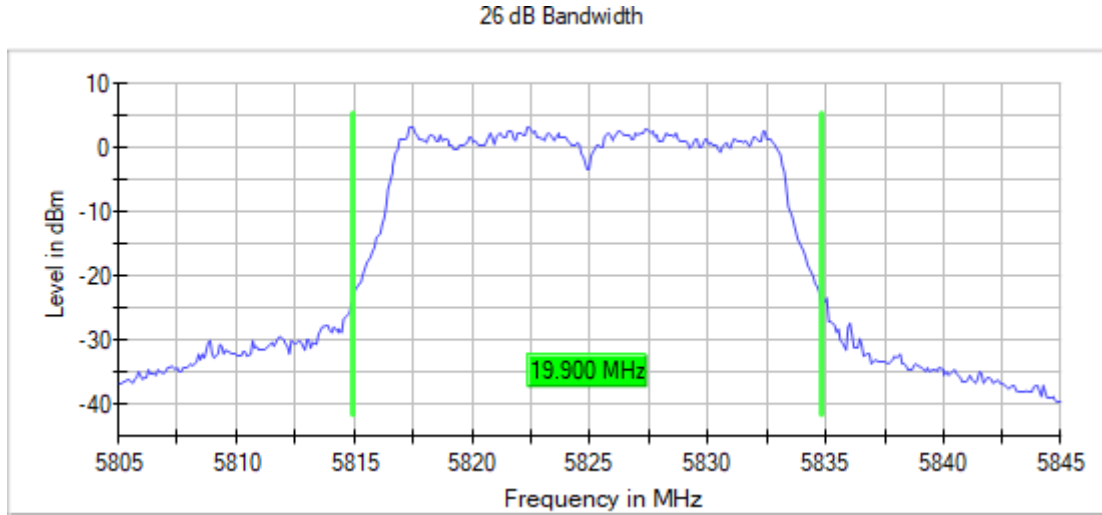
Images:



17:28:44 08.09.2023

Operation Band MHz = [5150, 5850] Active Port = 1
Frequency MHz = 5825.00000 Modulation = 802.11a (OFDM 6 Mbit/s)
MIMO Mode = SISO

Images:



17:56:43 08.09.2023

Modulation: 802.11n HT20 (OFDM MCS0)

MIMO Mode: SISO

Results

| Operation Band (MHz) | Port | Freq (MHz) | Ebw (MHz) |
|----------------------|------|------------|-----------|
| [5150, 5850] | 1 | 5180.00000 | 20.100 |
| | | 5200.00000 | 20.200 |
| | | 5240.00000 | 20.300 |
| | | 5745.00000 | 20.700 |
| | | 5785.00000 | 20.200 |
| | | 5825.00000 | 20.500 |

Verdict

Pass

Attachments

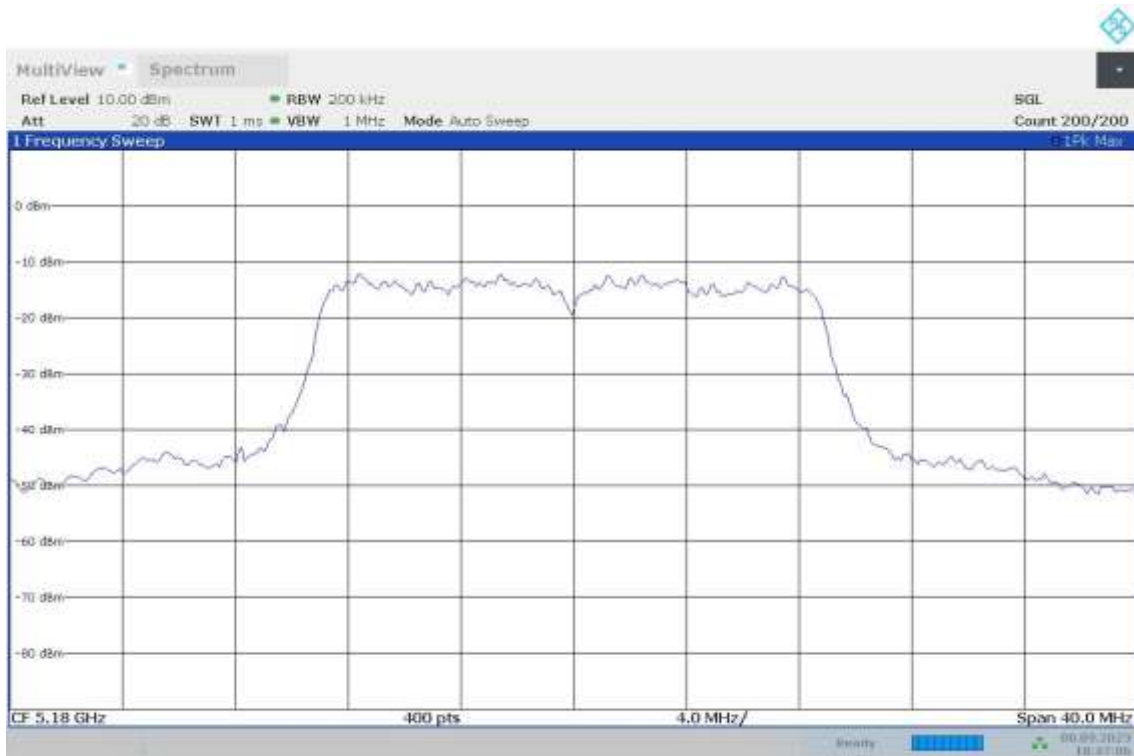
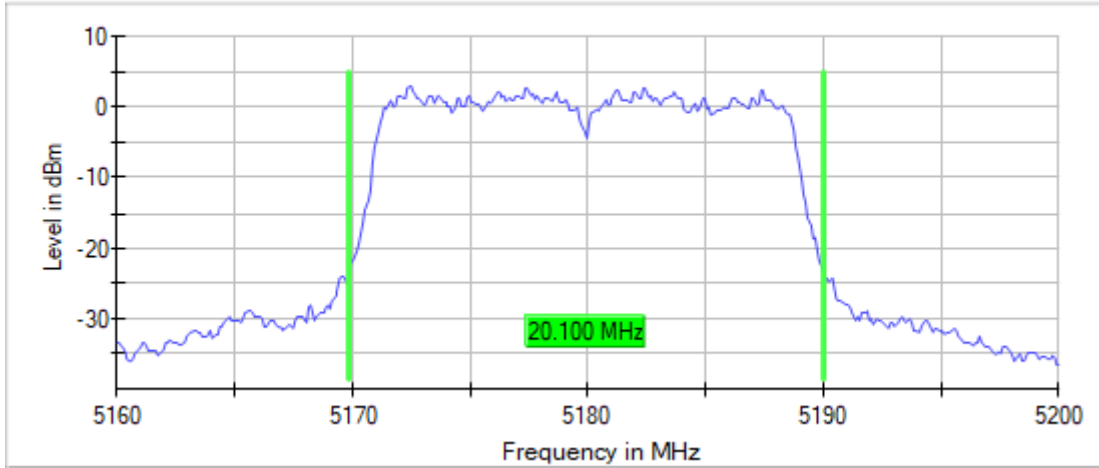
Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5180.00000 Modulation = 802.11n HT20 (OFDM MCS0)

MIMO Mode = SISO

Images:

26 dB Bandwidth



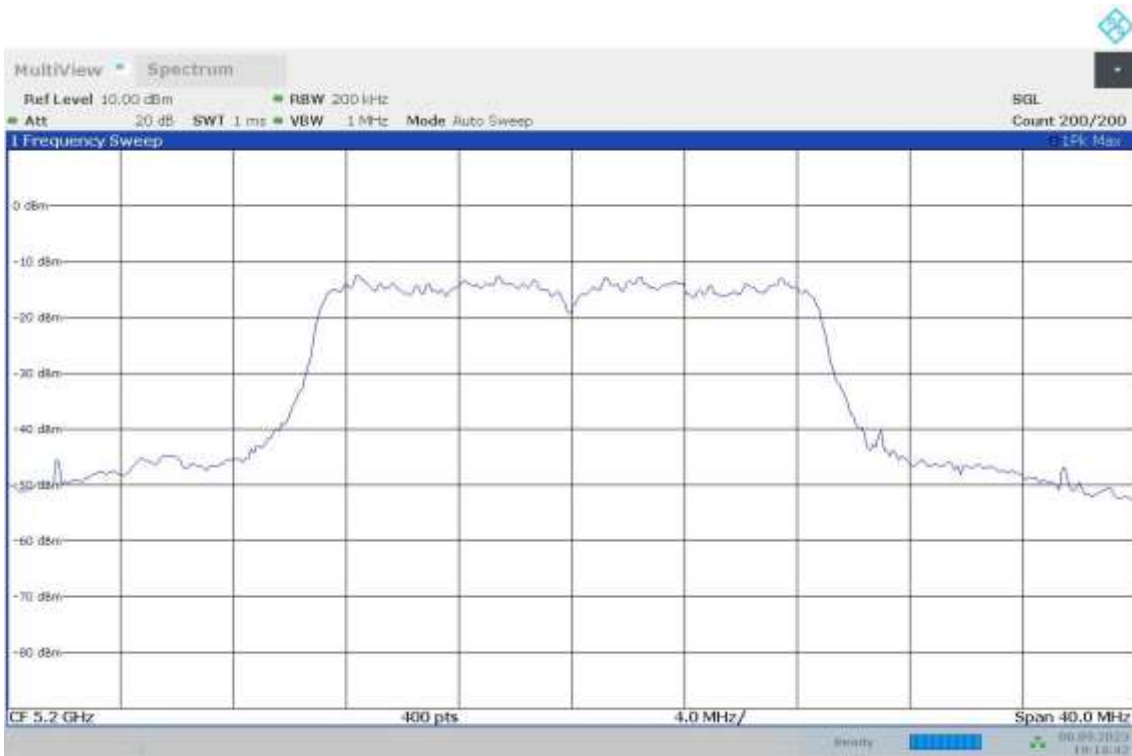
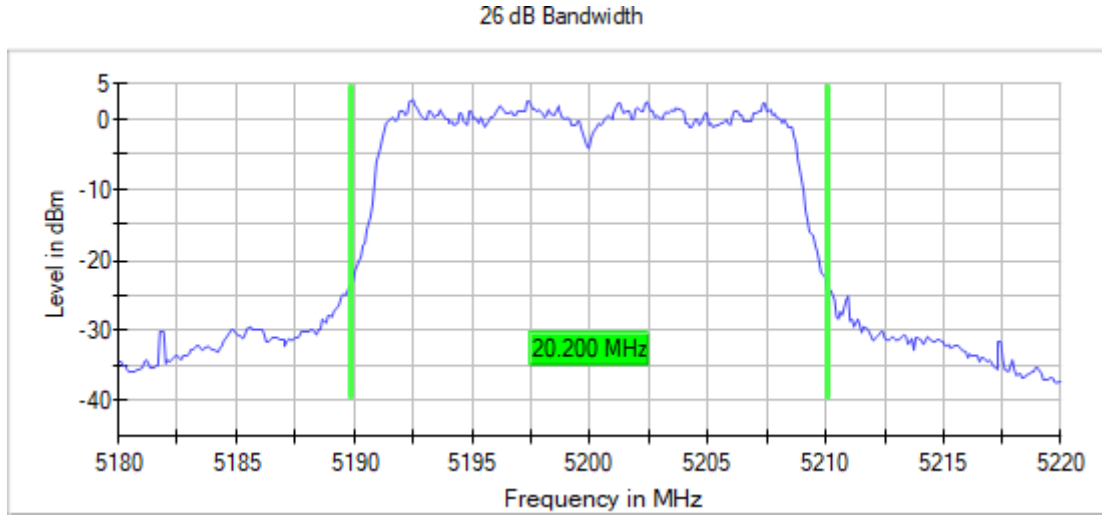
18:47:06 08.09.2023

Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5200.00000 Modulation = 802.11n HT20 (OFDM MCS0)

MIMO Mode = SISO

Images:



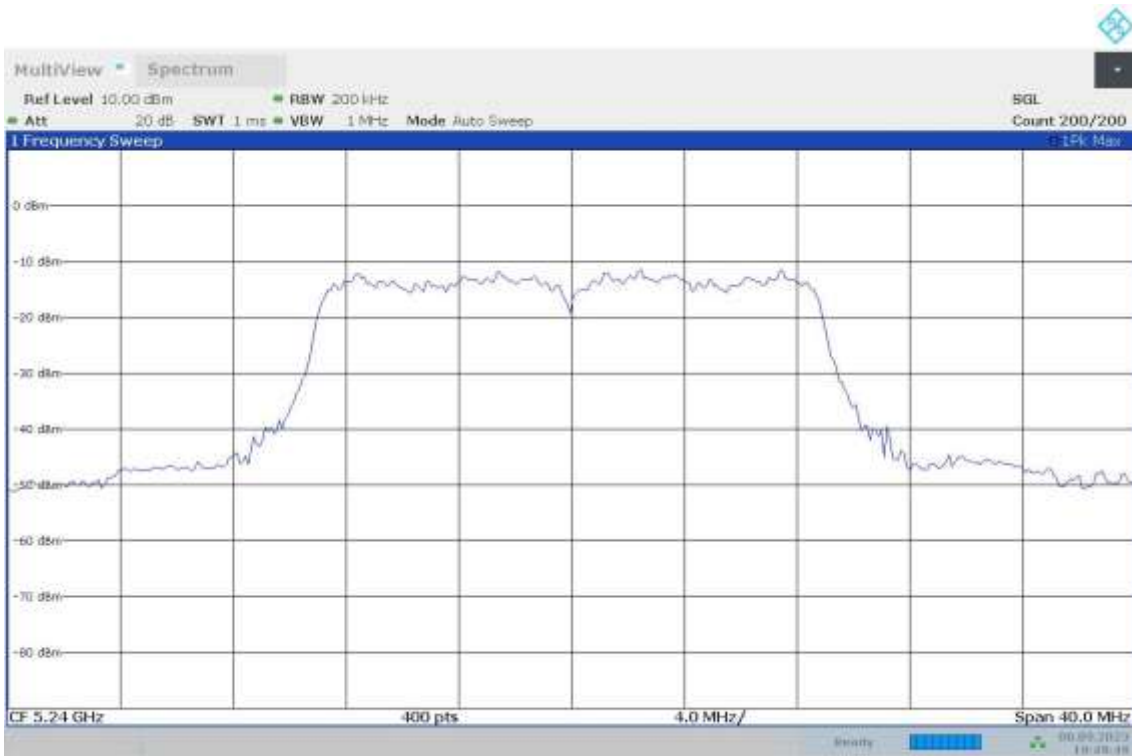
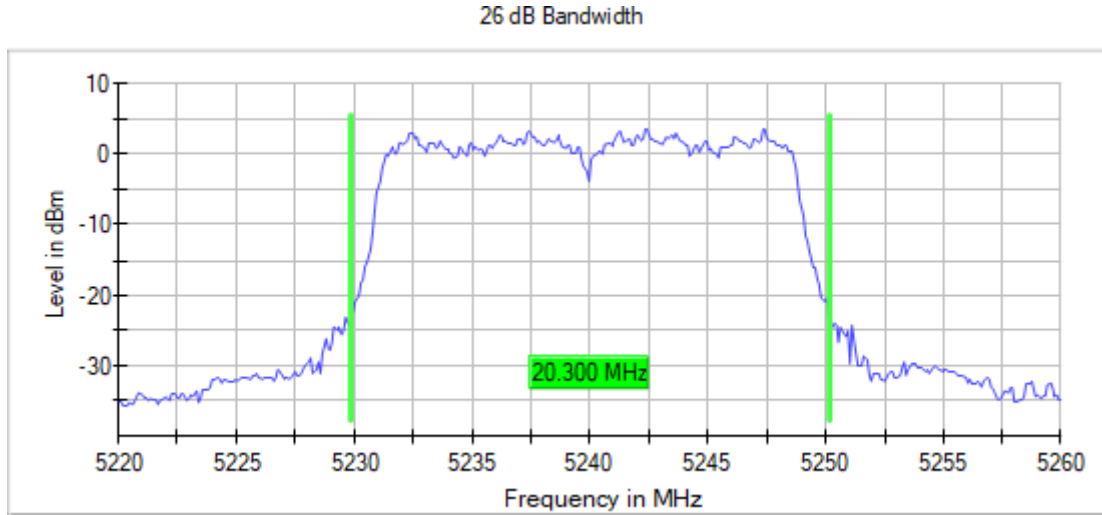
19:14:42 08.09.2023

Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5240.00000 Modulation = 802.11n HT20 (OFDM MCS0)

MIMO Mode = SISO

Images:



19:49:50 08.09.2023

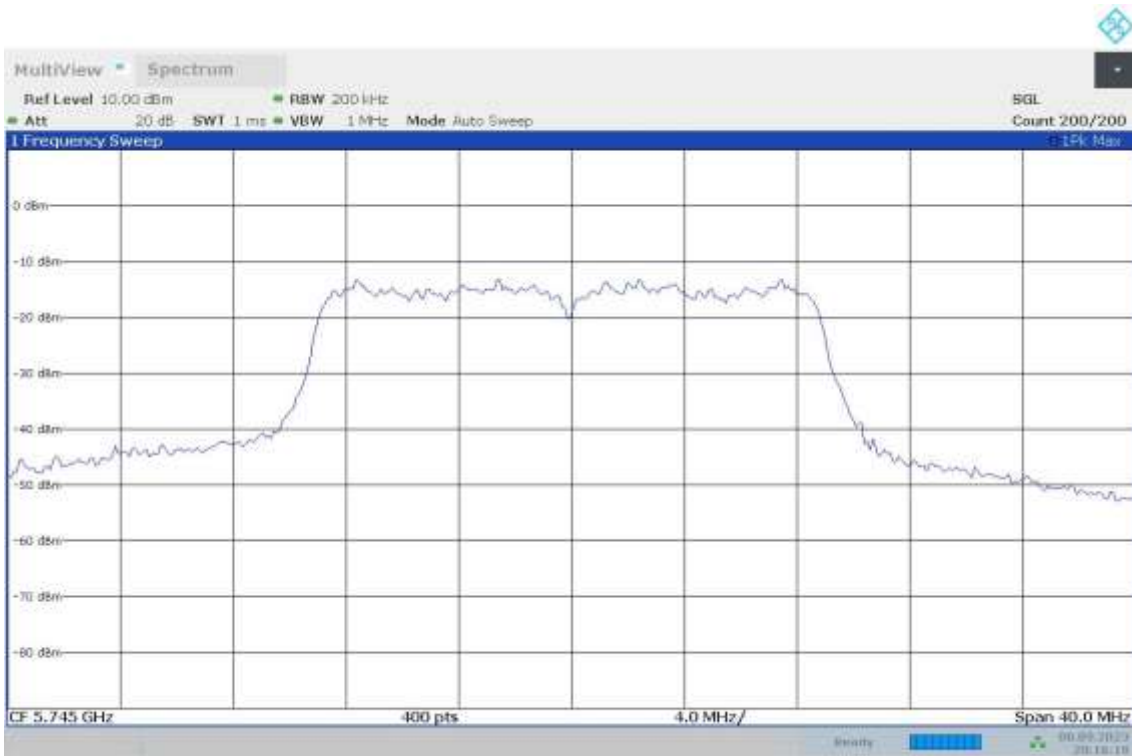
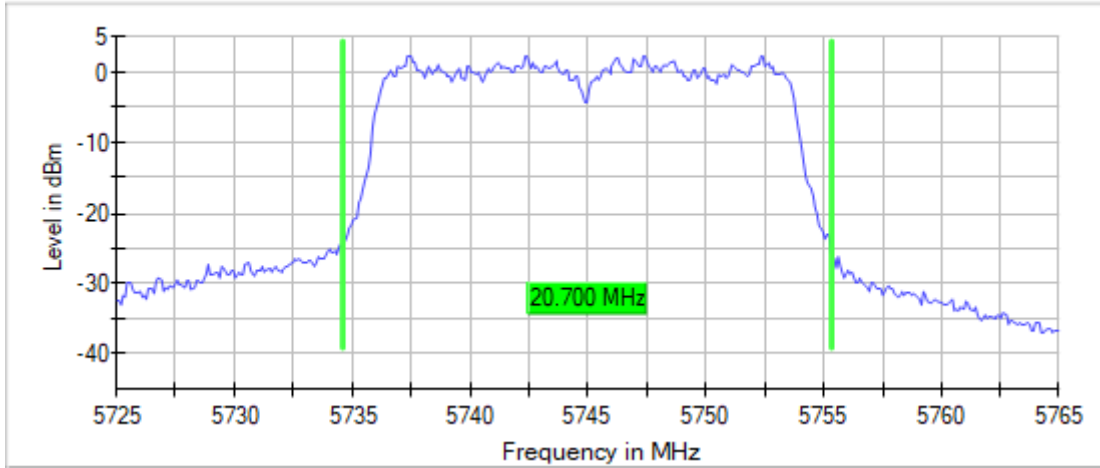
Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5745.00000 Modulation = 802.11n HT20 (OFDM MCS0)

MIMO Mode = SISO

Images:

26 dB Bandwidth



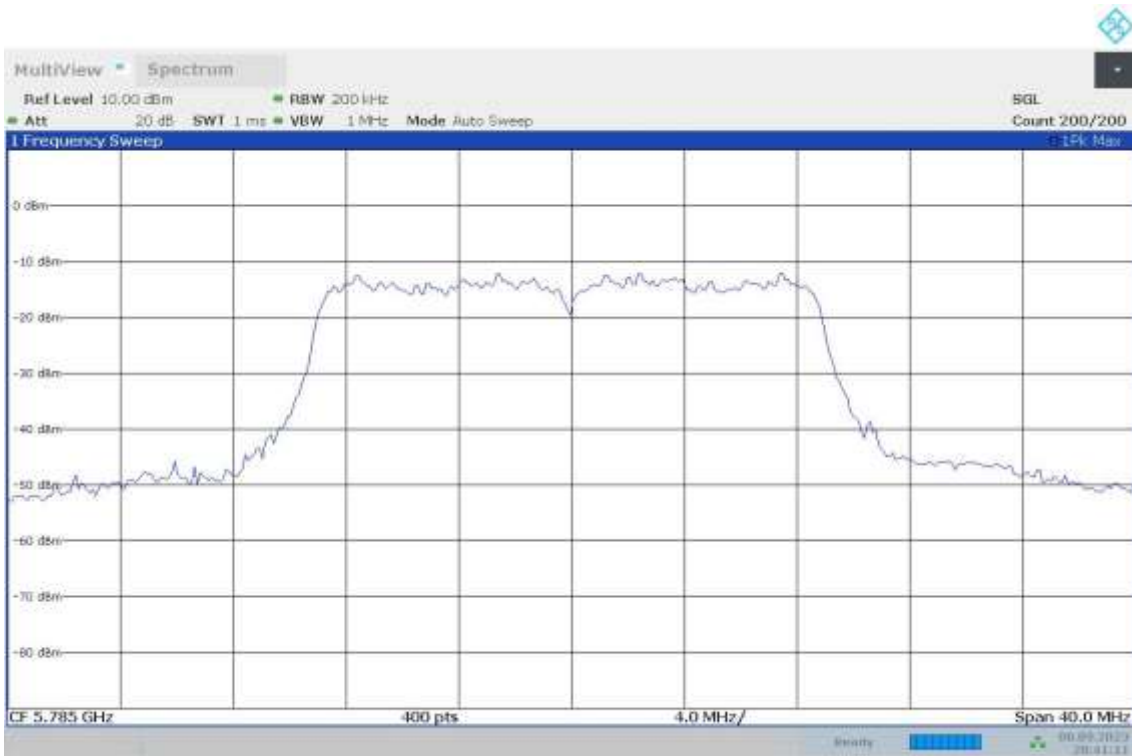
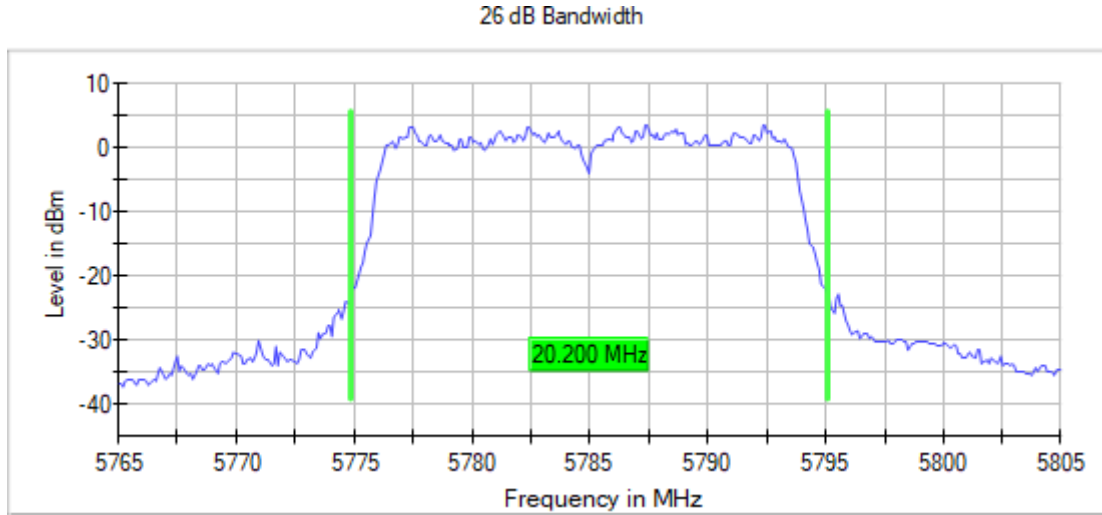
20:16:19 08.09.2023

Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5785.00000 Modulation = 802.11n HT20 (OFDM MCS0)

MIMO Mode = SISO

Images:



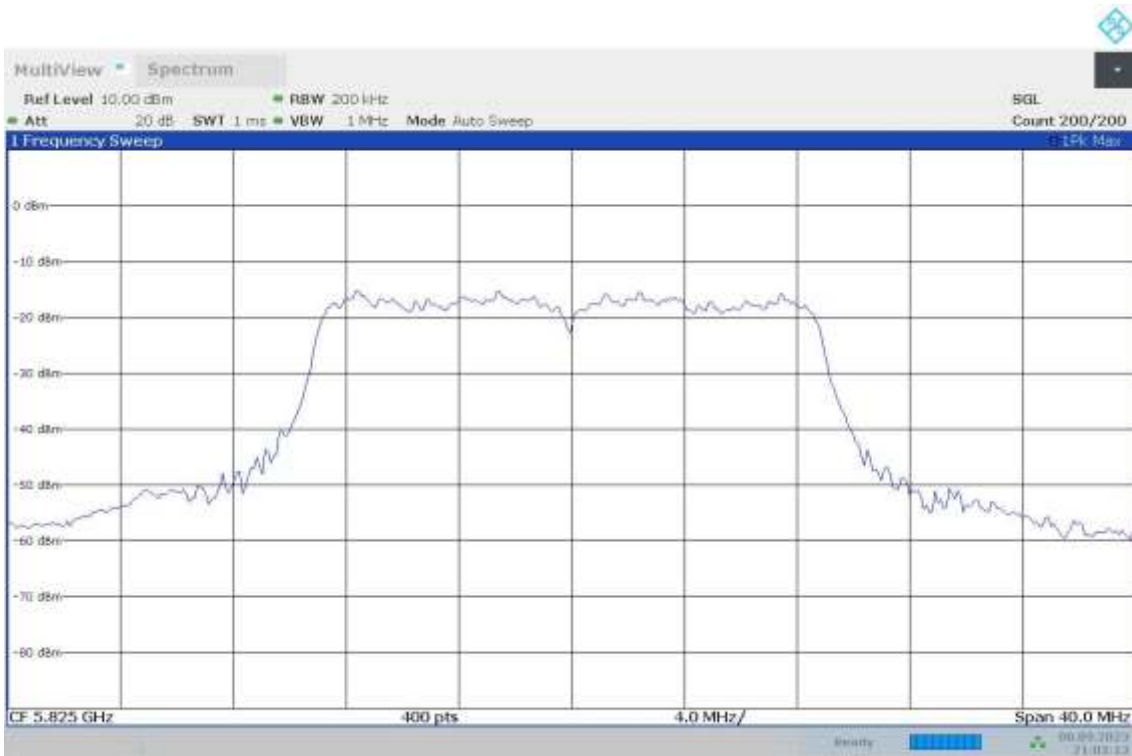
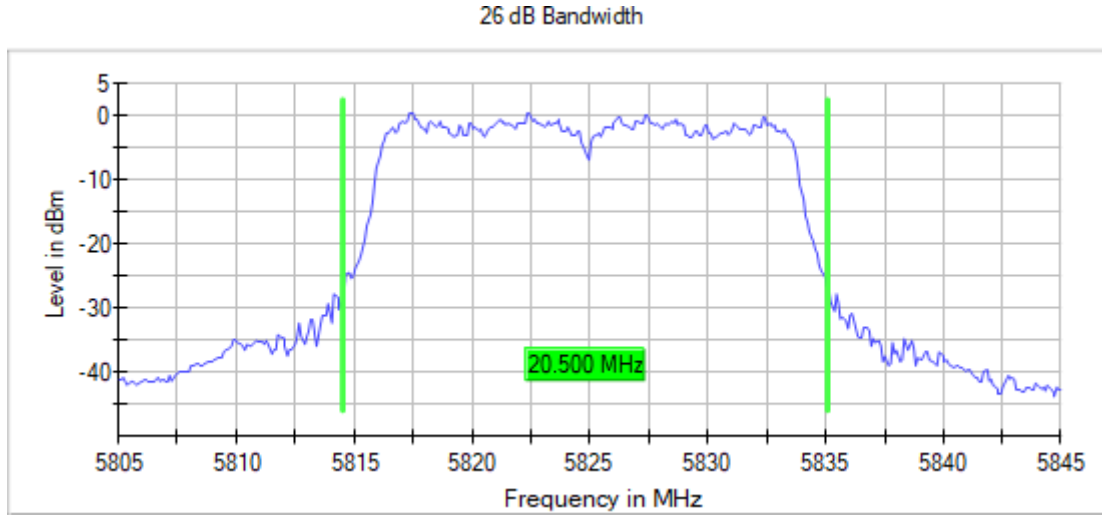
20:41:12 08.09.2023

Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5825.00000 Modulation = 802.11n HT20 (OFDM MCS0)

MIMO Mode = SISO

Images:



21:02:13 08.09.2023

Modulation: 802.11n HT40 (OFDM MCS0)

MIMO Mode: SISO

Results

| Operation Band (MHz) | Port | Freq (MHz) | Ebw (MHz) |
|----------------------|------|------------|-----------|
| [5150, 5850] | 1 | 5190.00000 | 42.477 |
| | | 5230.00000 | 41.426 |
| | | 5755.00000 | 52.983 |
| | | 5795.00000 | 41.576 |

Verdict

Pass

Attachments

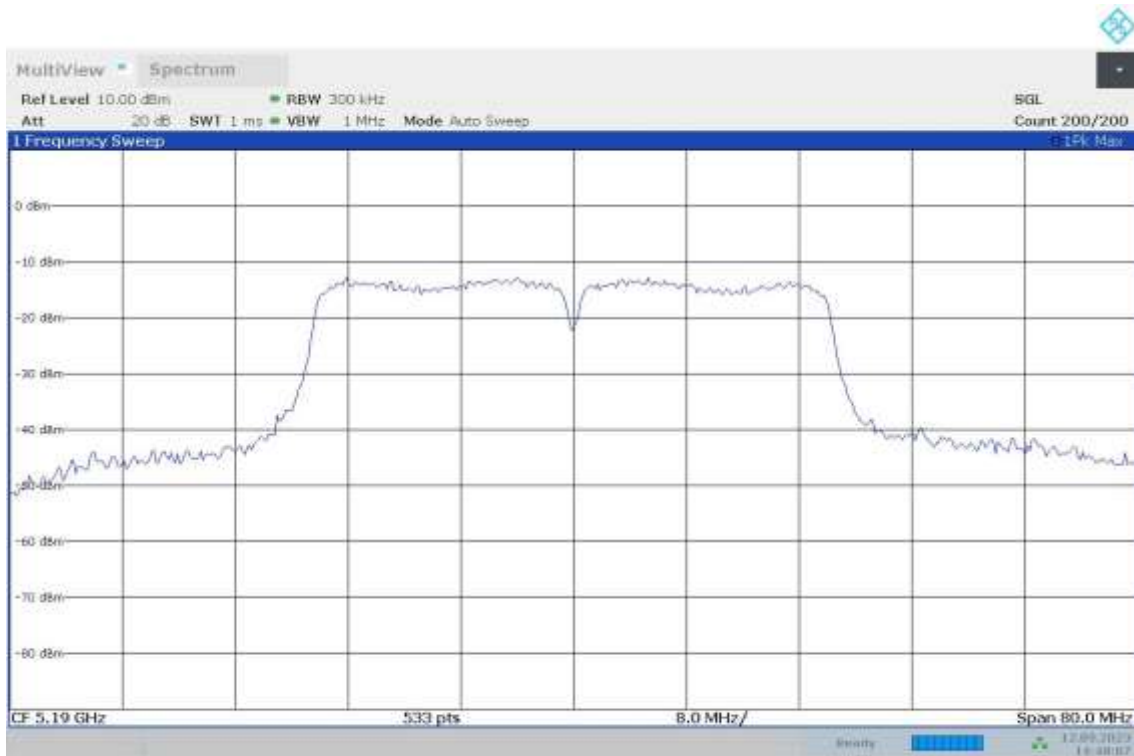
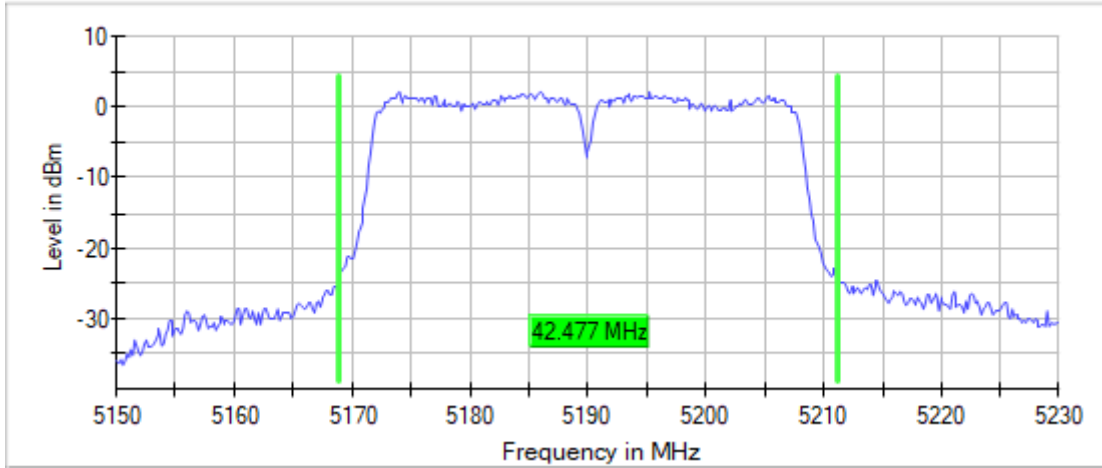
Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5190.00000 Modulation = 802.11n HT40 (OFDM MCS0)

MIMO Mode = SISO

Images:

26 dB Bandwidth



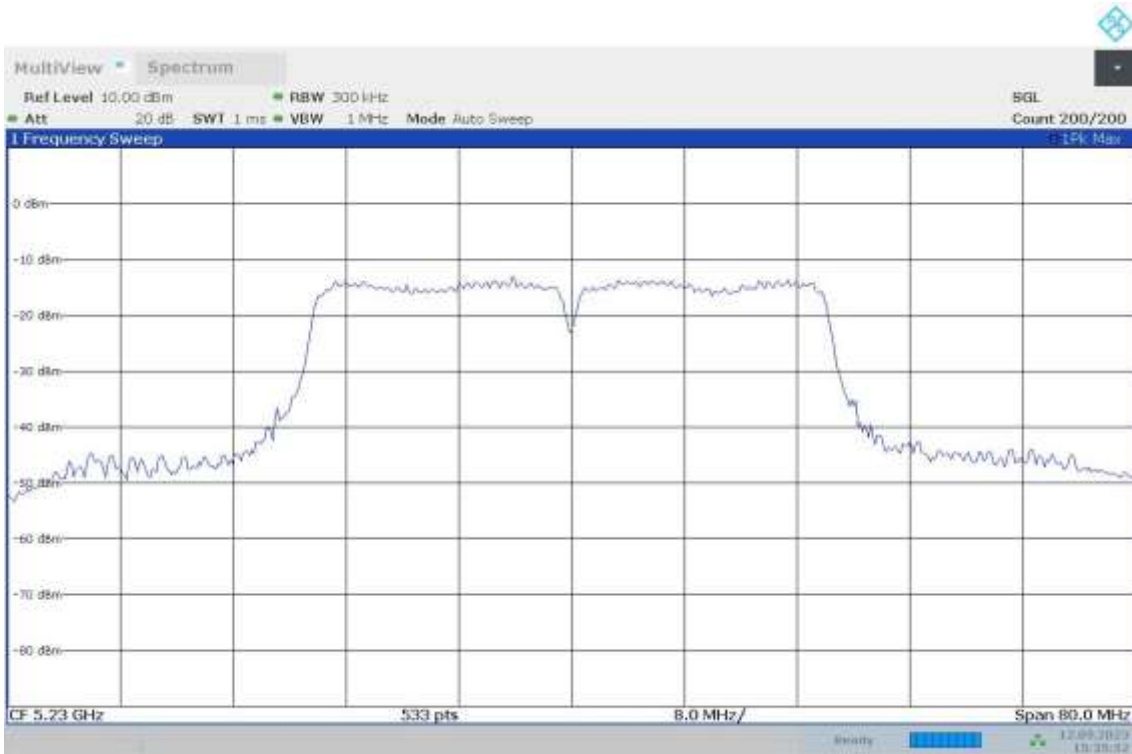
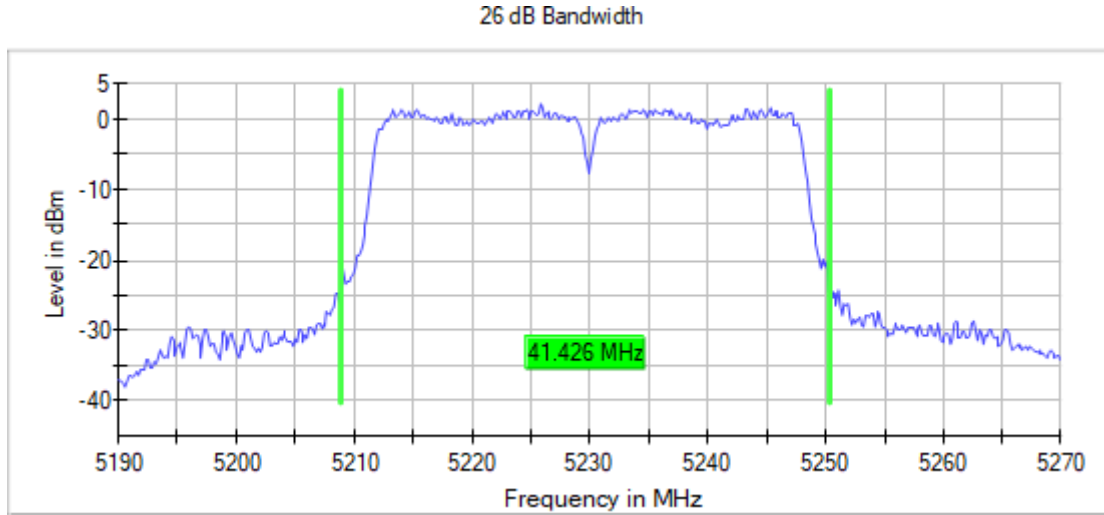
14:48:08 12.09.2023

Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5230.00000 Modulation = 802.11n HT40 (OFDM MCS0)

MIMO Mode = SISO

Images:

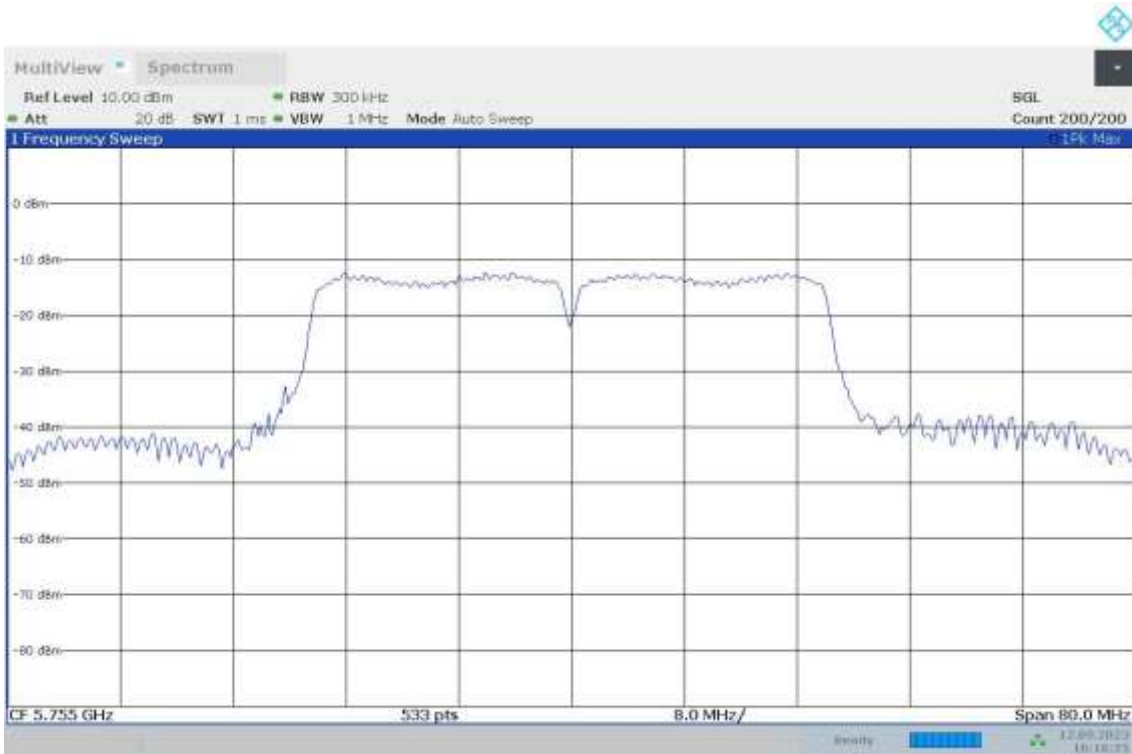
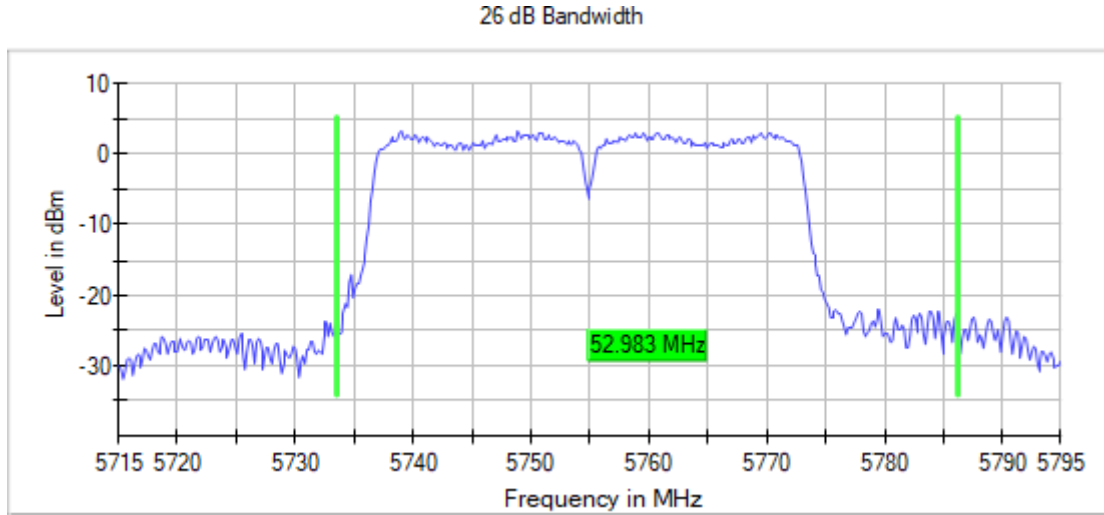


Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5755.00000 Modulation = 802.11n HT40 (OFDM MCS0)

MIMO Mode = SISO

Images:



16:16:25 12.09.2023

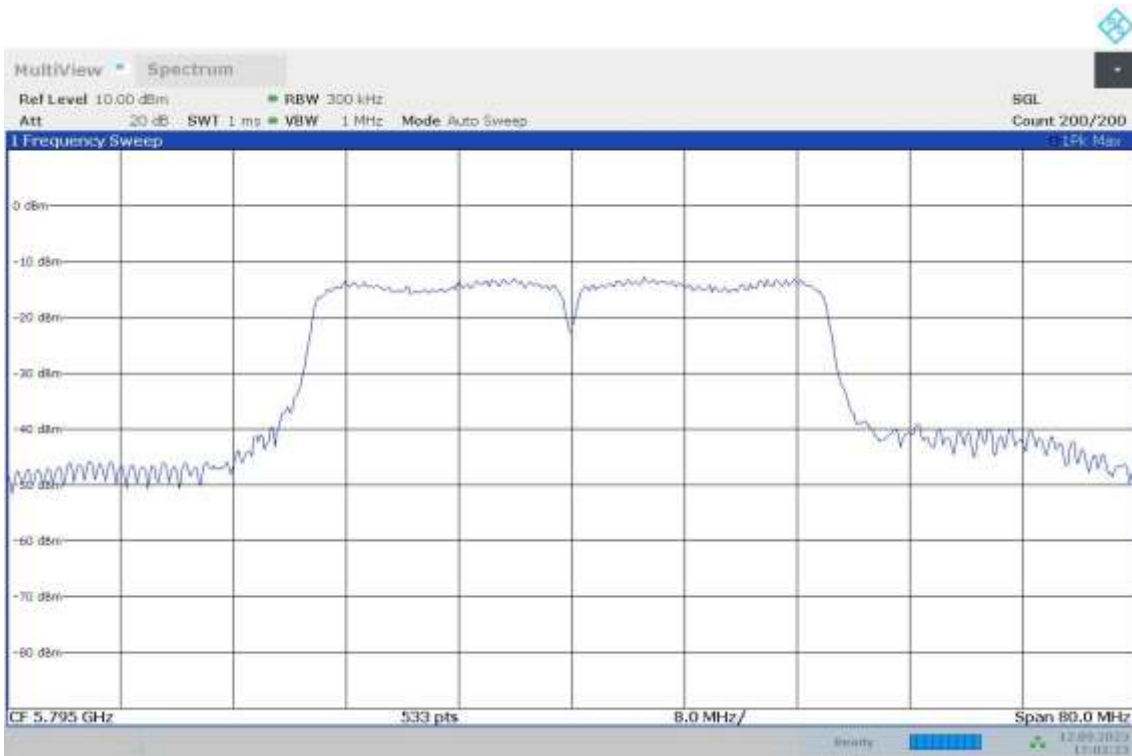
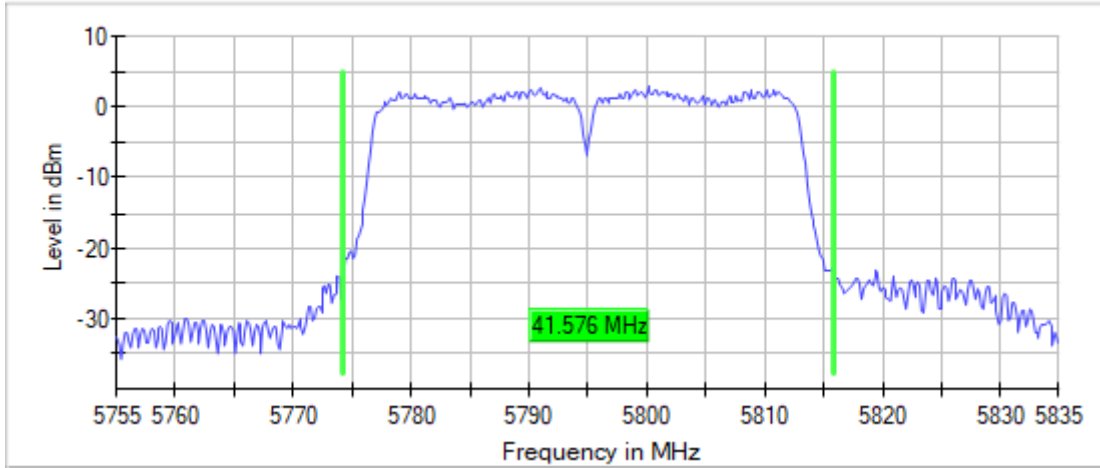
Operation Band MHz = [5150, 5850] Active Port = 1

Frequency MHz = 5795.00000 Modulation = 802.11n HT40 (OFDM MCS0)

MIMO Mode = SISO

Images:

26 dB Bandwidth



17:02:24 12.09.2023

FCC 15.407 (b), 15.205 & 15.209 / RSS-Gen 8.9 & 8.10 Undesirable radiated emissions

Limits

For transmitters operating in the 5.725–5.85 GHz band:

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

Radiated emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the radiated emission limits specified in §15.209(a) (see §15.205(c)):

| Frequency Range (MHz) | Field strength (µV/m) | Field strength (dBµV/m) | Measurement distance (m) |
|-----------------------|-----------------------|-------------------------|--------------------------|
| 0.009-0.490 | 2400/F(kHz) | - | 300 |
| 0.490-1.705 | 24000/F(kHz) | - | 30 |
| 1.705 - 30.0 | 30 | - | 30 |
| 30 - 88 | 100 | 40 | 3 |
| 88 - 216 | 150 | 43.5 | 3 |
| 216 - 960 | 200 | 46 | 3 |
| 960 - 25000 | 500 | 54 | 3 |

The emission limits shown in the above table are based on measurements employing CISPR quasi-peak detector except for the frequency bands 9-90 kHz, 110-490 kHz and above 1000 MHz. Radiated emission limits in these three bands are based on measurements employing an average detector.

For average radiated emission measurements above 1000 MHz, there is also a limit corresponding to 20 dB above the indicated values in the table is specified when measuring with peak detector function.

Verdict

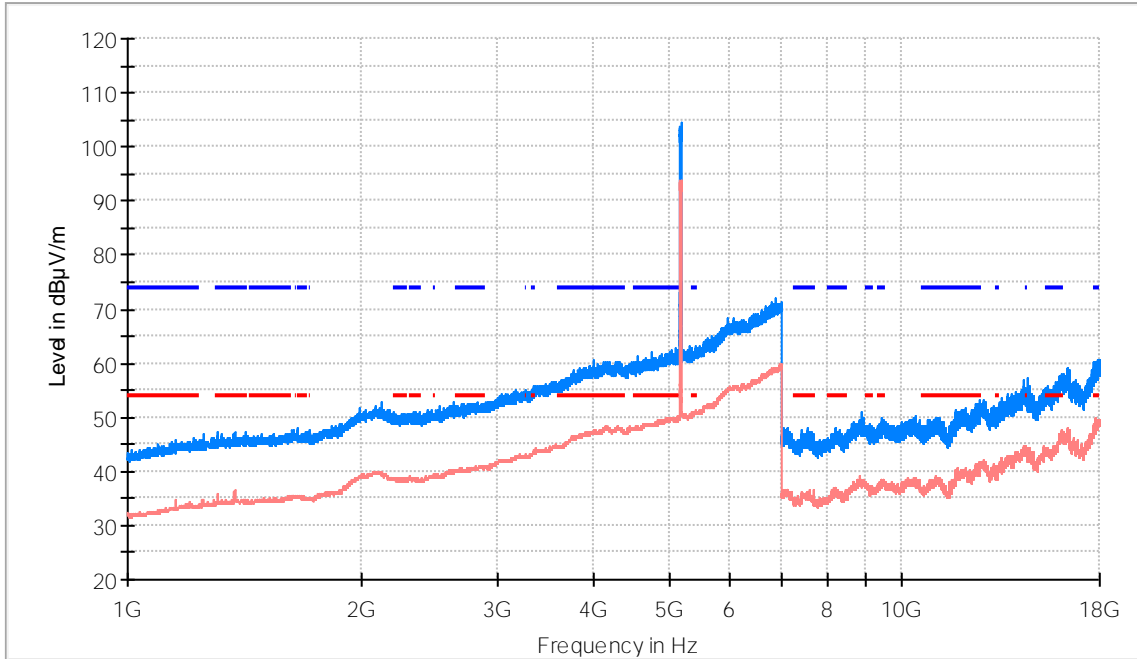
Pass

The following tables and plots show the results for the worst case with the use of the BTWLAN Antenna.

UNII-1:
Frequency range 1 - 18 GHz

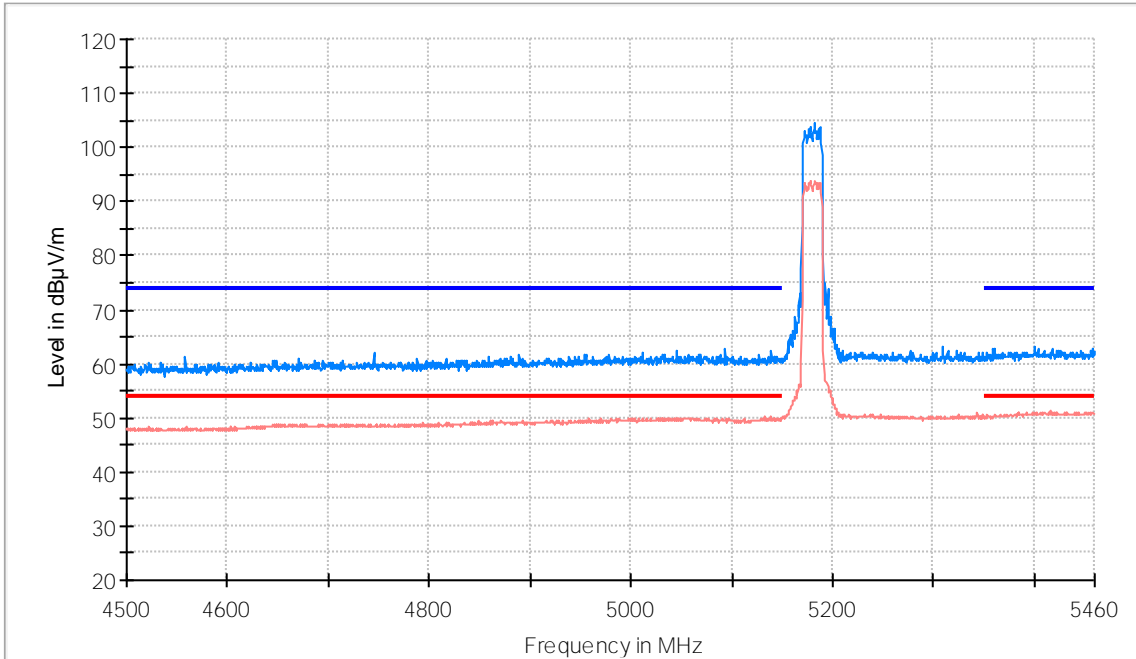
Frequency Range GHz = [1, 18], Frequency MHz = 5180.00000, Modulation = 802. 11ax VHT20 (OFDM MCS8), Mode = SISO, Measurement Point = 1

Images:



- PK+_MAXH
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands PK Limit
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands AVG Limit
- AVG_MAXH

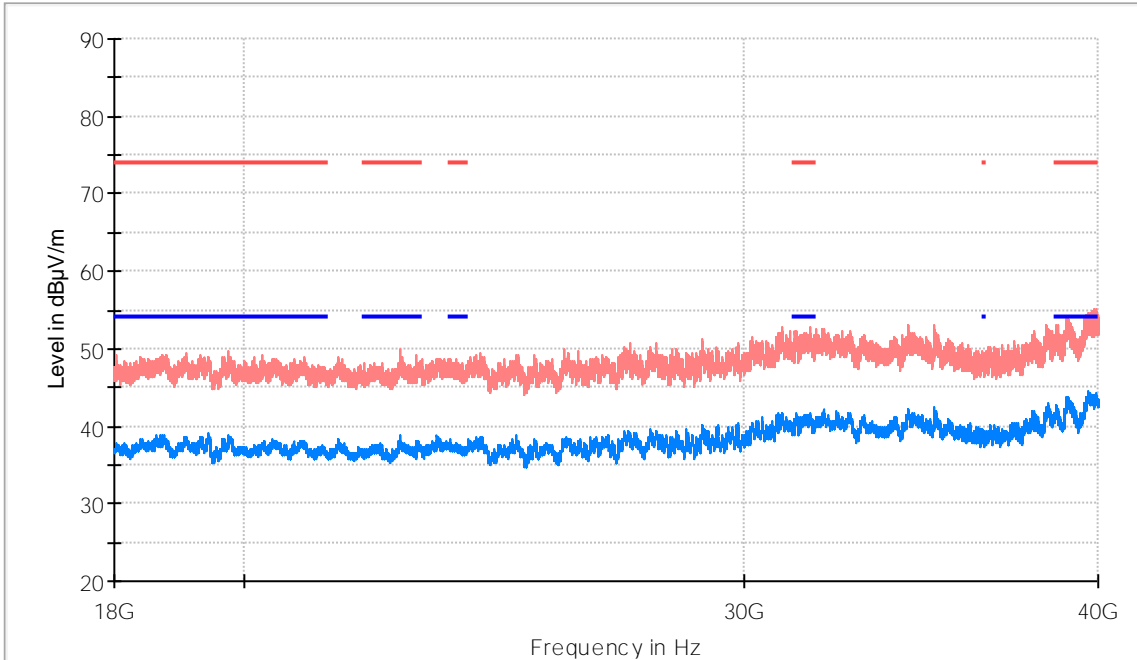
| Frequency (MHz) | PK+_MAXH (dBµV/m) | AVG_MAXH (dBµV/m) | Pol | Margin - AVG (dB) | Limit - AVG (dBµV/m) | Comment |
|-----------------|-------------------|-------------------|-----|-------------------|----------------------|-------------|
| 1375.000000 | 47.1 | 36.5 | H | 17.5 | 54.0 | |
| 5178.000000 | 103.7 | 93.7 | H | --- | --- | Fundamental |
| 11769.000000 | 49.6 | 40.7 | H | 13.3 | 54.0 | |



- PK+_MAXH
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands PK Limit
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands AVG Limit
- AVG_MAXH

Frequency Range GHz = [18, 40], Frequency MHz = 5180.00000, Modulation = 802. 11ax VHT20 (OFDM MCS8), Mode = SISO, Measurement Point = 1

Images:

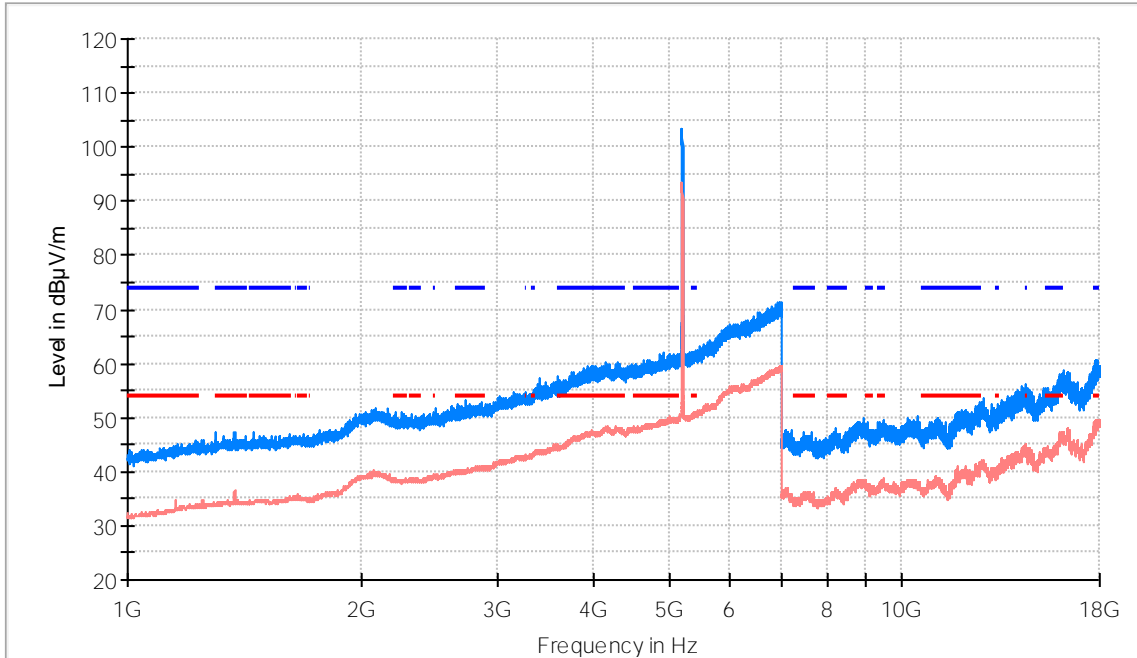


- AVG_MAXH
- PK+_MAXH
- - - TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands PK Limit
- - - TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands AVG Limit

| Frequency (MHz) | PK+_MAXH (dBµV/m) | AVG_MAXH (dBµV/m) | Pol | Margin - AVG (dB) | Limit - AVG (dBµV/m) |
|-----------------|-------------------|-------------------|-----|-------------------|----------------------|
| 22705.250000 | 47.7 | 38.8 | H | 15.2 | 54.0 |
| 31687.437500 | 50.9 | 41.6 | H | 12.4 | 54.0 |
| 39920.250000 | 55.1 | 43.3 | V | 10.7 | 54.0 |

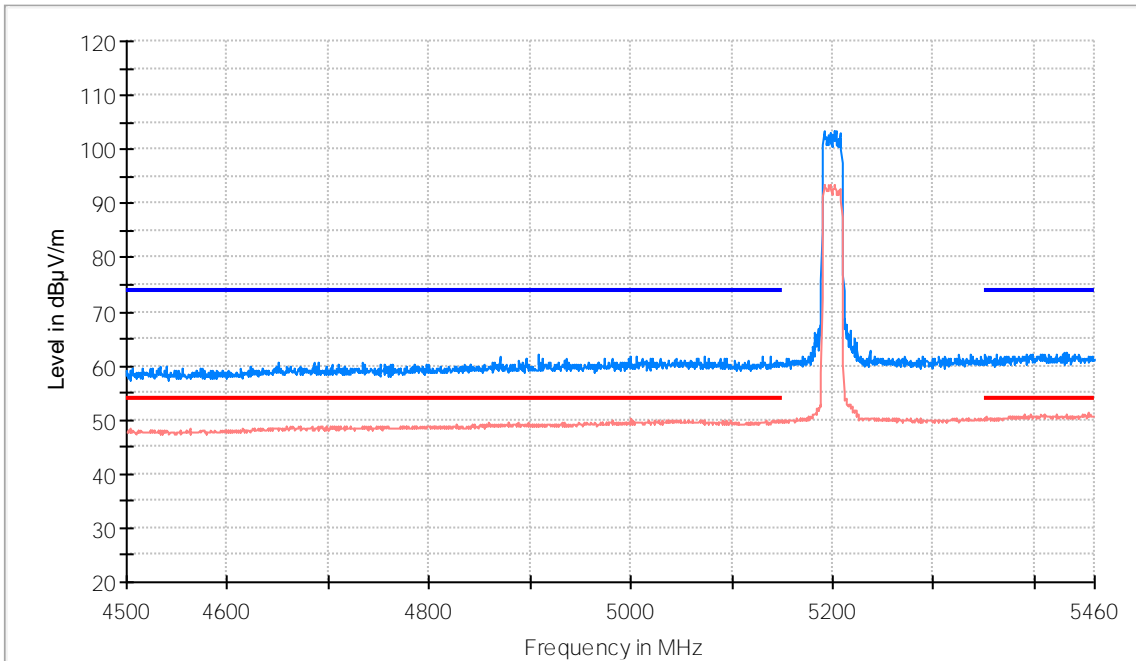
Frequency Range GHz = [1, 18], Frequency MHz = 5200.00000, Modulation = 802. 11ax VHT20 (OFDM MCS8), Mode = SISO, Measurement Point = 1

Images:



- PK+_MAXH
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands PK Limit
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands AVG Limit
- AVG_MAXH

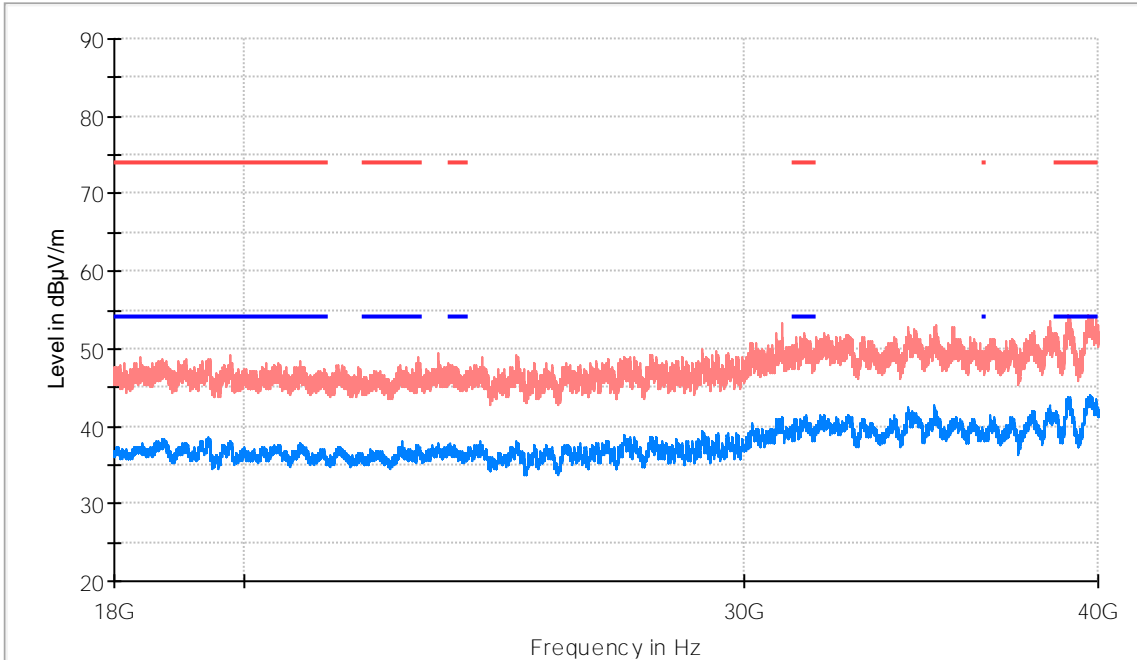
| Frequency (MHz) | PK+_MAXH (dBµV/m) | AVG_MAXH (dBµV/m) | Pol | Margin - AVG (dB) | Limit - AVG (dBµV/m) | Comment |
|-----------------|-------------------|-------------------|-----|-------------------|----------------------|-------------|
| 1375.000000 | 47.2 | 36.5 | V | 17.5 | 54.0 | |
| 5192.500000 | 102.7 | 93.6 | H | --- | --- | Fundamental |
| 8201.500000 | 46.7 | 37.0 | H | 17.0 | 54.0 | |



- PK+_MAXH
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands PK Limit
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands AVG Limit
- AVG_MAXH

Frequency Range GHz = [18, 40], Frequency MHz = 5200.00000, Modulation = 802. 11ax VHT20 (OFDM MCS8), Mode = SISO, Measurement Point = 1

Images:

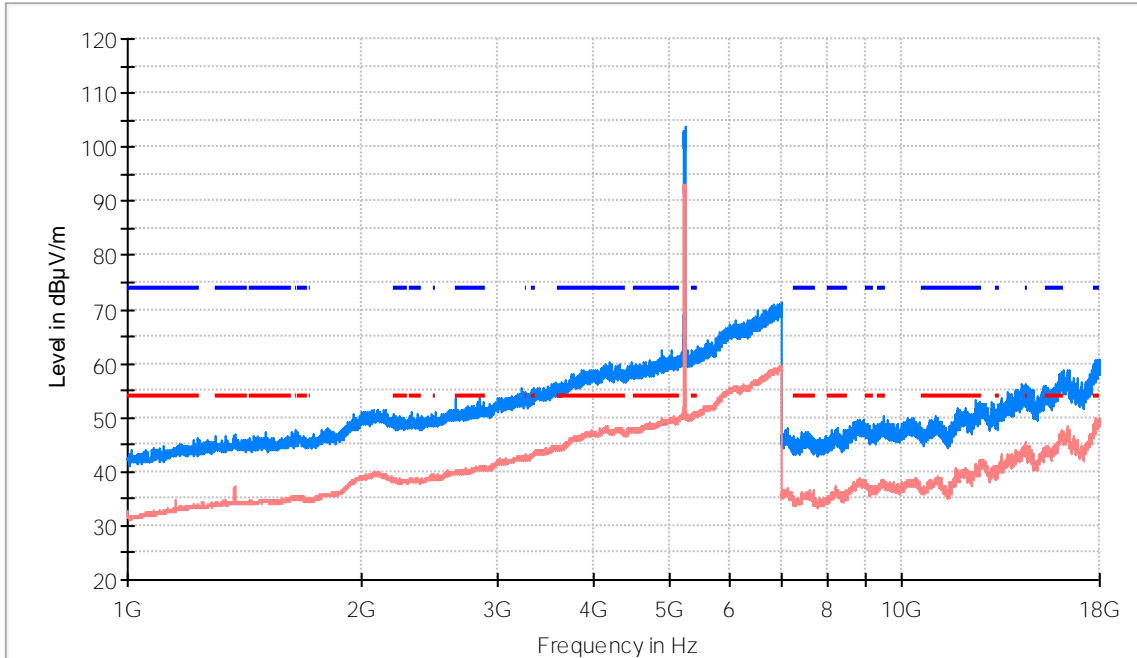


- AVG_MAXH
- PK+_MAXH
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands PK Limit
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands AVG Limit

| Frequency (MHz) | PK+_MAXH (dBµV/m) | AVG_MAXH (dBµV/m) | Pol | Margin - AVG (dB) | Limit - AVG (dBµV/m) |
|-----------------|-------------------|-------------------|-----|-------------------|----------------------|
| 19777.187500 | 49.1 | 37.9 | V | 16.1 | 54.0 |
| 31538.250000 | 50.5 | 41.3 | V | 12.7 | 54.0 |
| 39061.562500 | 54.3 | 42.8 | V | 11.2 | 54.0 |

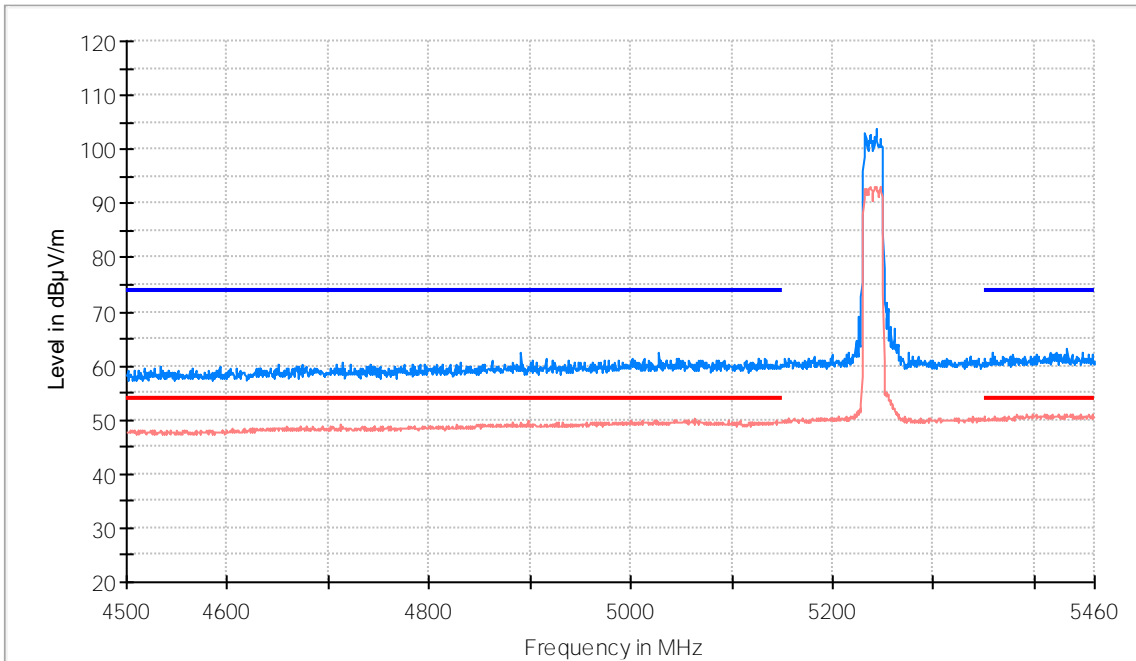
Frequency Range GHz = [1, 18], Frequency MHz = 5240.00000, Modulation = 802. 11ax VHT20 (OFDM MCS8), Mode = SISO, Measurement Point = 1

Images:



- PK+_MAXH
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands PK Limit
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands AVG Limit
- AVG_MAXH

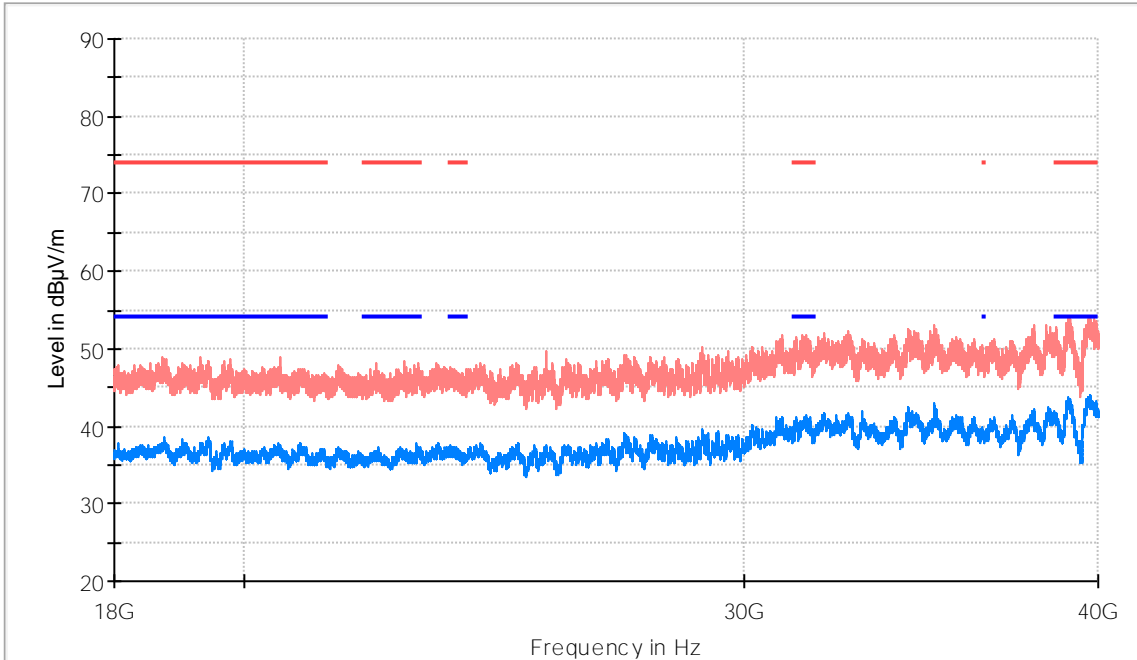
| Frequency (MHz) | PK+_MAXH (dBµV/m) | AVG_MAXH (dBµV/m) | Pol | Margin - AVG (dB) | Limit - AVG (dBµV/m) | Comment |
|-----------------|-------------------|-------------------|-----|-------------------|----------------------|-------------|
| 1375.000000 | 46.8 | 37.2 | V | 16.8 | 54.0 | |
| 5242.500000 | 101.6 | 93.1 | H | --- | --- | Fundamental |
| 12481.500000 | 51.5 | 41.5 | H | 12.5 | 54.0 | |



- PK+_MAXH
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands PK Limit
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands AVG Limit
- AVG_MAXH

Frequency Range GHz = [18, 40], Frequency MHz = 5240.00000, Modulation = 802. 11ax VHT20 (OFDM MCS8), Mode = MIMO, Measurement Point = 1

Images:



- AVG_MAXH
- PK+_MAXH
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands PK Limit
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands AVG Limit

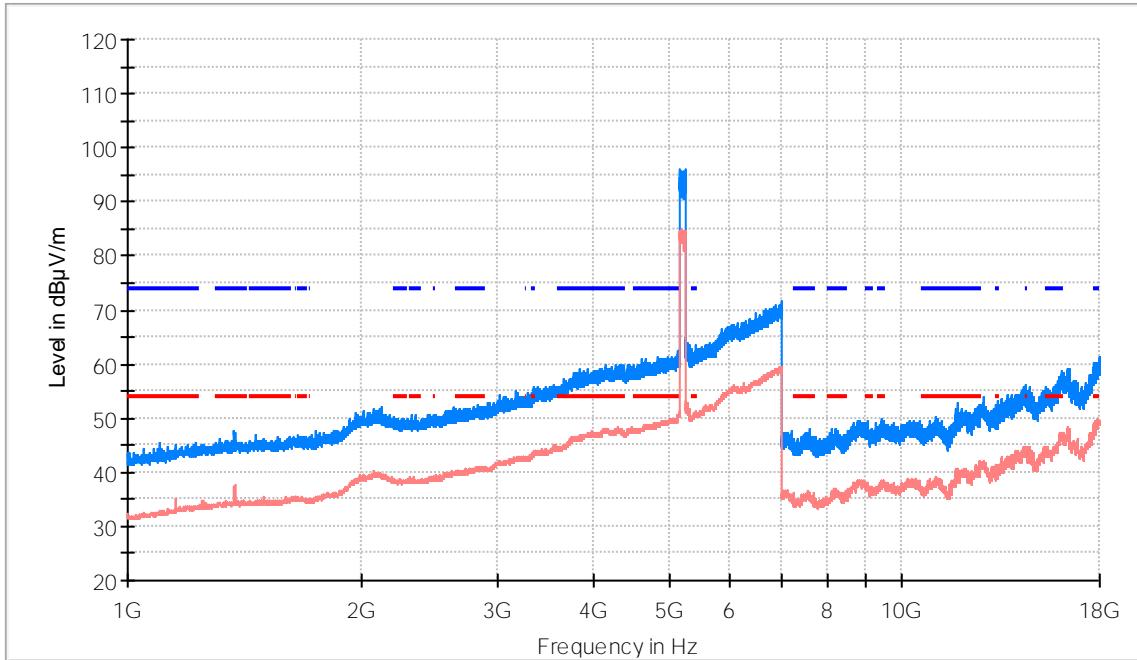
| Frequency (MHz) | PK+_MAXH (dBµV/m) | AVG_MAXH (dBµV/m) | Pol | Margin - AVG (dB) | Limit - AVG (dBµV/m) |
|-----------------|-------------------|-------------------|-----|-------------------|----------------------|
| 19305.562500 | 49.0 | 37.7 | V | 16.3 | 54.0 |
| 31547.875000 | 49.3 | 41.3 | H | 12.7 | 54.0 |
| 39032.000000 | 54.1 | 43.2 | V | 10.8 | 54.0 |

Frequency range 1 - 18 GHz

Lowest Channel

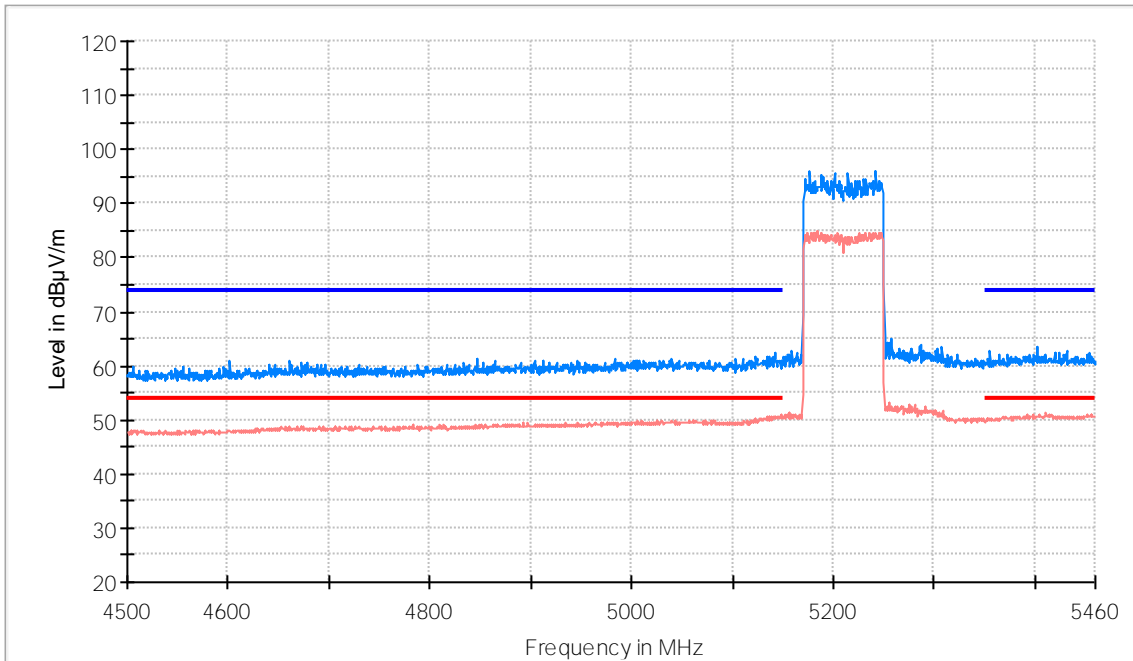
Frequency Range GHz = [1, 18], Frequency MHz = 5210.00000, Modulation = 802.11ax VHT80 SS1 (OFDM MCS9), MODE = SISO, Measurement Point = 3

Images:



- PK+_MAXH
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands PK Limit
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands AVG Limit
- AVG_MAXH

| Frequency (MHz) | PK+_MAXH (dBµV/m) | AVG_MAXH (dBµV/m) | Pol | Margin - AVG (dB) | Limit - AVG (dBµV/m) | Comment |
|-----------------|-------------------|-------------------|-----|-------------------|----------------------|-------------|
| 1375.00000 | 47.4 | 37.7 | V | 16.3 | 54.0 | |
| 5205.00000 | 92.5 | 84.6 | H | --- | --- | Fundamental |
| 11770.5000 | 50.4 | 40.6 | V | 13.4 | 54.0 | |



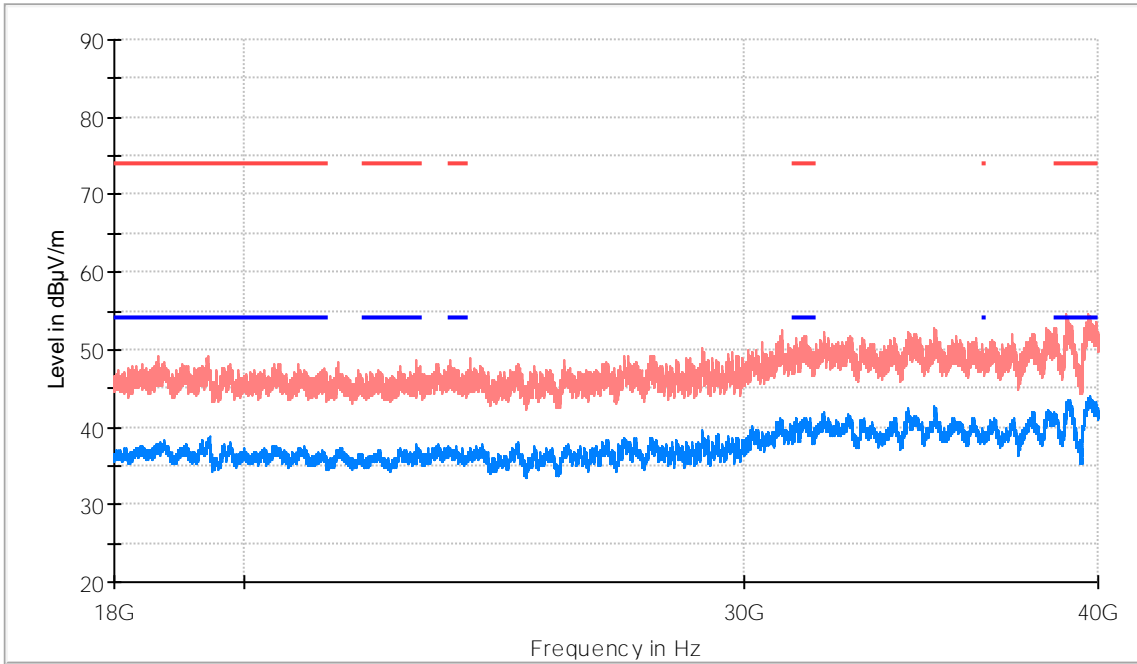
- PK+_MAXH
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands PK Limit
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands AVG Limit
- AVG_MAXH

Frequency range 18 - 40 GHz

Single Channel

Frequency Range GHz = [18, 40], Frequency MHz = 5210.00000, Modulation = 802.11ax VHT80 SS1 (OFDM MCS9), MODE = SISO, Measurement Point = 1

Images:



- AVG_MAXH
- PK+_MAXH
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands PK Limit
- TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands AVG Limit

| Frequency (MHz) | PK+_MAXH (dBµV/m) | AVG_MAXH (dBµV/m) | Pol | Margin - AVG (dB) | Limit - AVG (dBµV/m) |
|-----------------|-------------------|-------------------|-----|-------------------|----------------------|
| 18660.000000 | 49.1 | 37.5 | H | 16.5 | 54.0 |
| 31310.687500 | 49.1 | 41.0 | V | 13.0 | 54.0 |
| 38992.812500 | 54.6 | 42.5 | V | 11.5 | 54.0 |

Appendix A.2: Test results – SISO B

Appendix A.2

| | |
|---|-----|
| APPENDIX A.2: TEST RESULTS – SISO B | 322 |
| TEST CASES DETAILS | 324 |
| FCC 15.407 (a) / RSS-247 6.2 Power Limits. Maximum Output Power | 324 |
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| FCC 15.407 (b) / RSS-247 6.2 Band-edge Conducted Emissions..... | 431 |
| RSS-Gen 6.6 / RSS-247 6.2. [99dBW] Transmitter 99% Occupied Bandwidth | 513 |
| FCC 15.403 / RSS-Gen 6.7 26 dB Emission Bandwidth | 562 |

TEST CASES DETAILS

FCC 15.407 (a) / RSS-247 6.2 Power Limits. Maximum Output Power

Limits

FCC 15.407: For the band 5.725-5.850 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W.

RSS-247: The maximum conducted output power shall not exceed 1 W.

Modulation: 802.11ac VHT20 SS1 (OFDM MCS0)

MIMO Mode: SISO

Results

Maximum declared BTWLAN Antenna gain: 3.8 dBi for UNI-1, 3.5 dBi for UNI-3

| Operation Band (MHz) | Port | Freq (MHz) | Avg Power (dBm) | Max EIRP (dBm) |
|----------------------|------|------------|-----------------|----------------|
| [5150, 5850] | 1 | 5180.00000 | 15.0 | 18.8 |
| | | 5200.00000 | 15.2 | 19.0 |
| | | 5240.00000 | 13.8 | 17.6 |
| | | 5745.00000 | 12.1 | 15.6 |
| | | 5785.00000 | 11.0 | 14.5 |
| | | 5825.00000 | 9.8 | 13.3 |

Maximum declared Mohawk Module Antenna gain: 2.0 dBi for UNI-1, 2.1 dBi for UNI-3

| Operation Band (MHz) | Port | Freq (MHz) | Avg Power (dBm) | Max EIRP (dBm) |
|----------------------|------|------------|-----------------|----------------|
| [5150, 5850] | 1 | 5180.00000 | 15.0 | 17.0 |
| | | 5200.00000 | 15.2 | 17.2 |
| | | 5240.00000 | 13.8 | 15.8 |
| | | 5745.00000 | 12.1 | 14.2 |
| | | 5785.00000 | 11.0 | 13.1 |
| | | 5825.00000 | 9.8 | 11.9 |

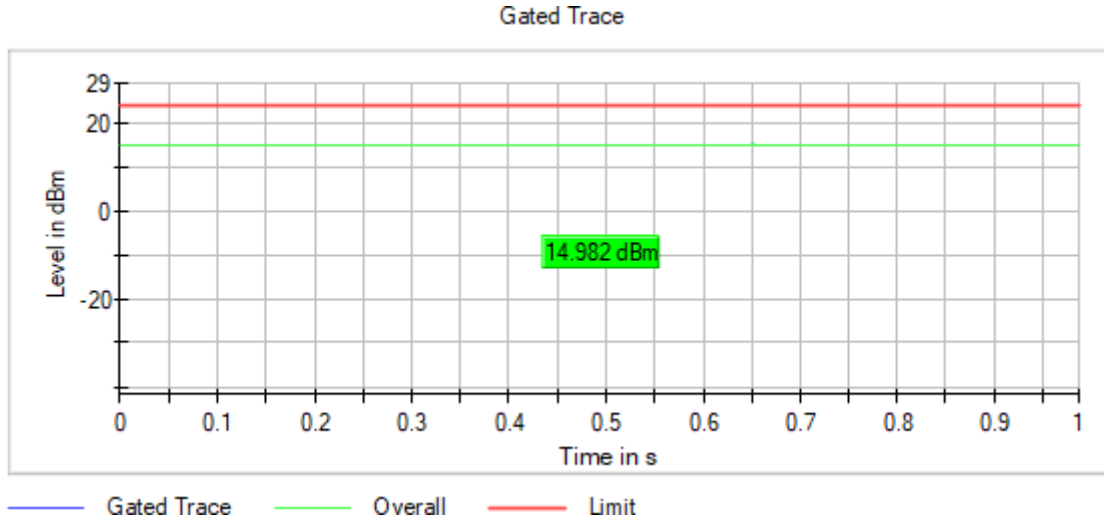
Verdict

Pass

Attachments

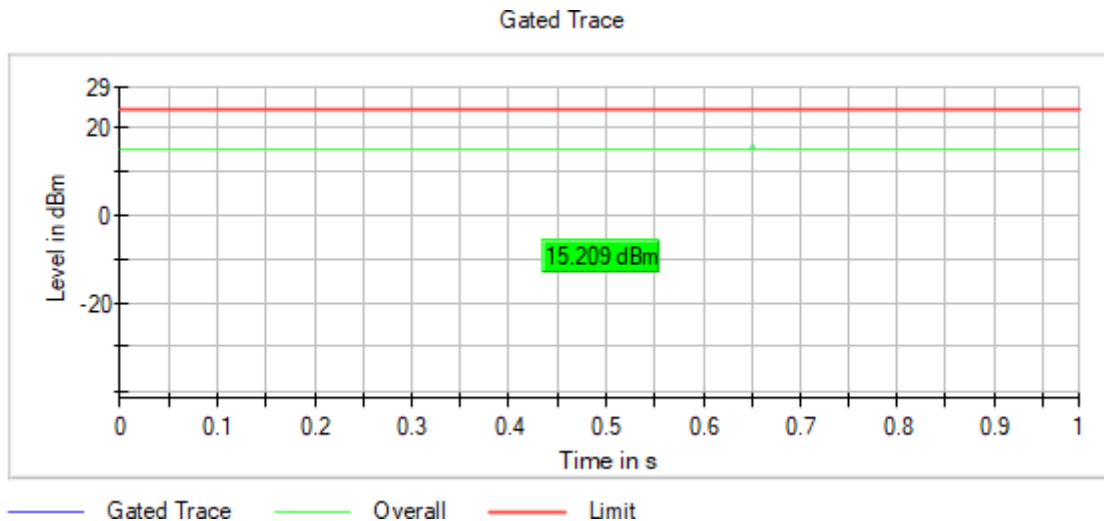
Operation Band MHz = [5150, 5850] Active Port = 1
Frequency MHz = 5180.00000 Modulation = 802.11ac VHT20 SS1 (OFDM MCS0)
TPC = No MIMO Mode = SISO

Images:



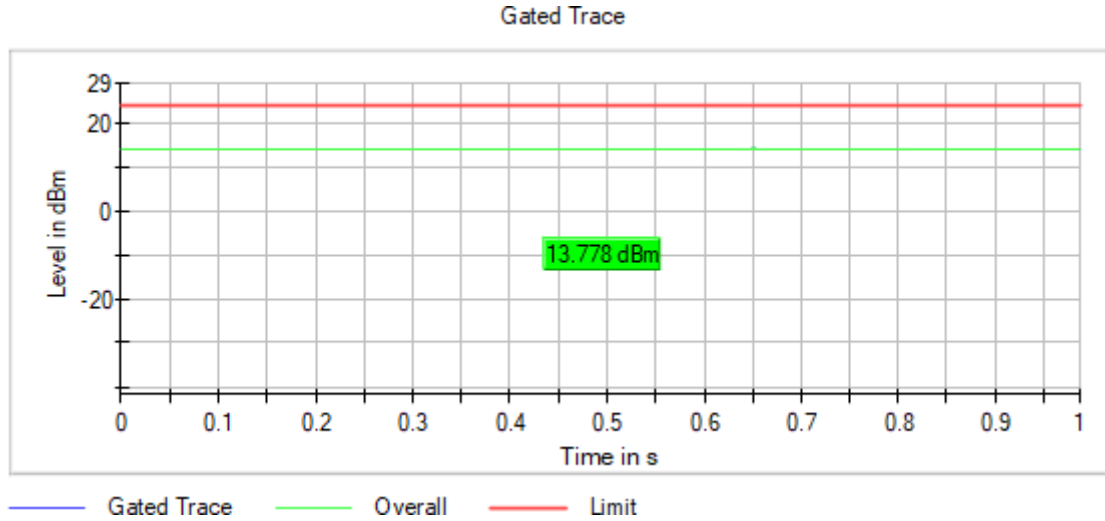
Operation Band MHz = [5150, 5850] Active Port = 1
Frequency MHz = 5200.00000 Modulation = 802.11ac VHT20 SS1 (OFDM MCS0)
TPC = No MIMO Mode = SISO

Images:



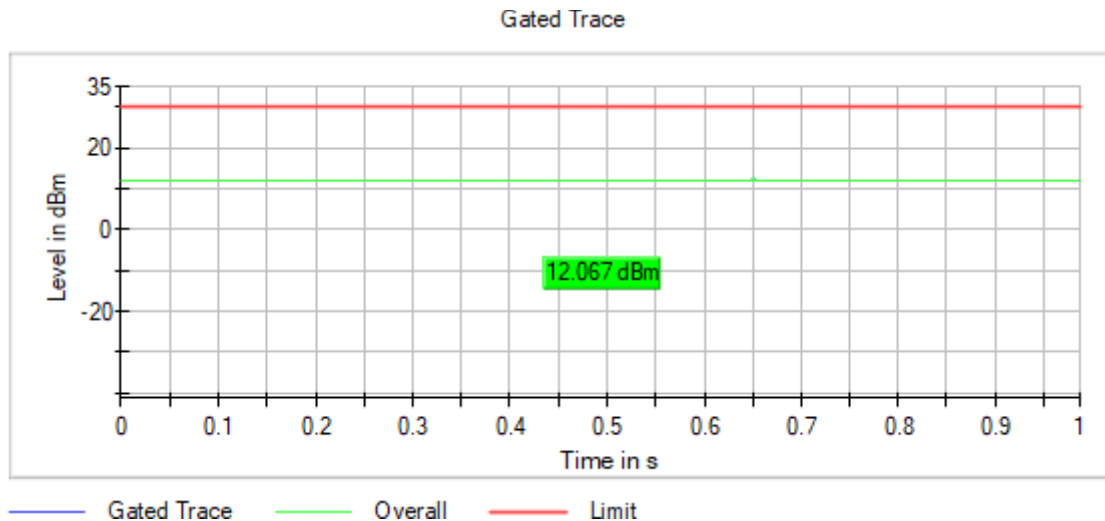
Operation Band MHz = [5150, 5850] Active Port = 1
Frequency MHz = 5240.00000 Modulation = 802.11ac VHT20 SS1 (OFDM MCS0)
TPC = No MIMO Mode = SISO

Images:



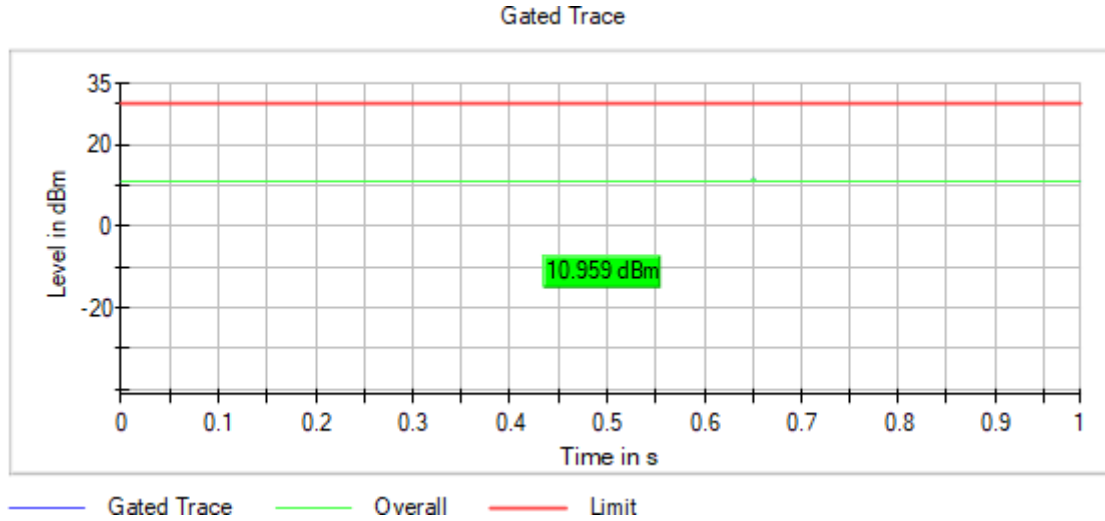
Operation Band MHz = [5150, 5850] Active Port = 1
Frequency MHz = 5745.00000 Modulation = 802.11ac VHT20 SS1 (OFDM MCS0)
TPC = No MIMO Mode = SISO

Images:



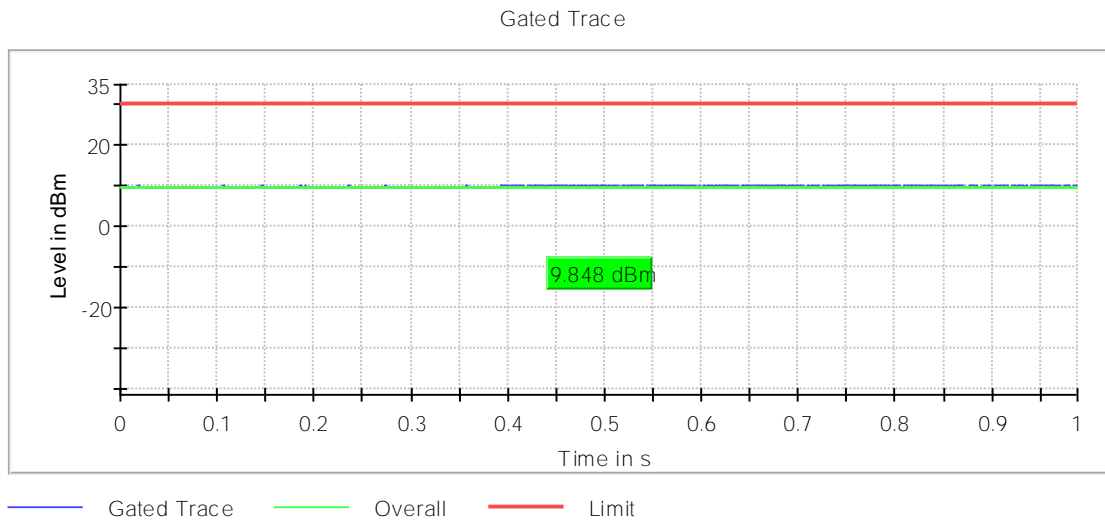
Operation Band MHz = [5150, 5850] Active Port = 1
 Frequency MHz = 5785.00000 Modulation = 802.11ac VHT20 SS1 (OFDM MCS0)
 TPC = No MIMO Mode = SISO

Images:



Operation Band MHz = [5150, 5850] Active Port = 1
 Frequency MHz = 5825.00000 Modulation = 802.11ac VHT20 SS1 (OFDM MCS0)
 TPC = No MIMO Mode = SISO

Images:



Tables:

Power Meter Settings

| Setting | Instrument Value | Target Value |
|------------------|------------------|---------------|
| Measurement Time | 1.000 s | 1.000 s |
| Points | 1000000 | 1000000 |
| Time resolution | 1.000 μ s | 1.000 μ s |

Modulation: 802.11ax HE20 SS1 (OFDMA MCS0)

MIMO Mode: SISO

Results

Maximum declared BTWLAN Antenna gain: 3.8 dBi for UNI-1, 3.5 dBi for UNI-3

| Operation Band (MHz) | Port | Freq (MHz) | Avg Power (dBm) | Max EIRP (dBm) |
|----------------------|------|------------|-----------------|----------------|
| [5150, 5850] | 1 | 5180.00000 | 15.1 | 18.9 |
| | | 5200.00000 | 15.4 | 19.2 |
| | | 5240.00000 | 14.0 | 17.8 |
| | | 5745.00000 | 12.2 | 15.7 |
| | | 5785.00000 | 11.2 | 14.7 |
| | | 5825.00000 | 10.1 | 13.6 |

Maximum declared Mohawk Module Antenna gain: 2.0 dBi for UNI-1, 2.1 dBi for UNI-3

| Operation Band (MHz) | Port | Freq (MHz) | Avg Power (dBm) | Max EIRP (dBm) |
|----------------------|------|------------|-----------------|----------------|
| [5150, 5850] | 1 | 5180.00000 | 15.1 | 17.1 |
| | | 5200.00000 | 15.4 | 17.4 |
| | | 5240.00000 | 14.0 | 16.0 |
| | | 5745.00000 | 12.2 | 14.3 |
| | | 5785.00000 | 11.2 | 13.3 |
| | | 5825.00000 | 10.1 | 12.2 |

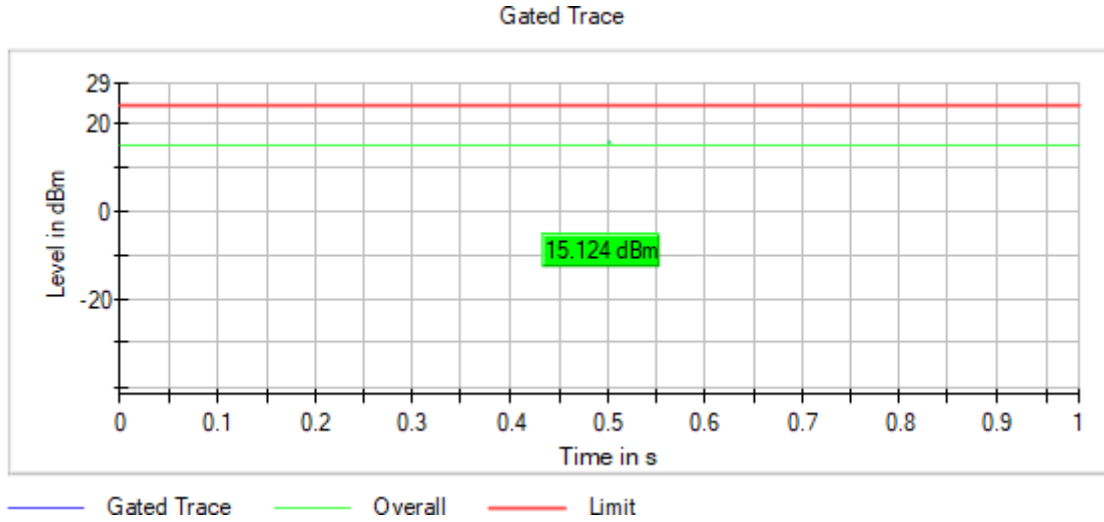
Verdict

Pass

Attachments

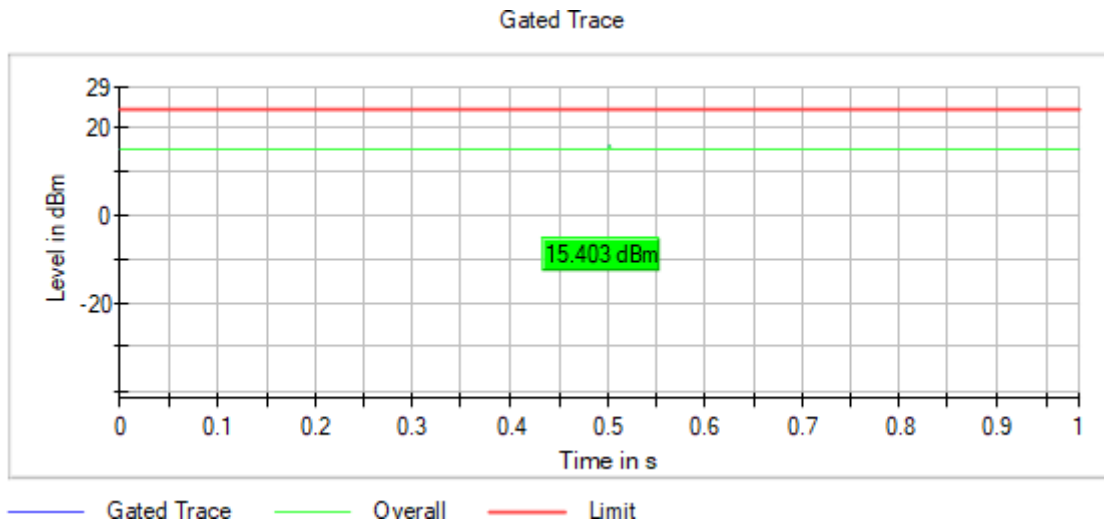
Operation Band MHz = [5150, 5850] Active Port = 1
Frequency MHz = 5180.00000 Modulation = 802.11ax HE20 SS1 (OFDMA MCS0)
TPC = No MIMO Mode = SISO

Images:



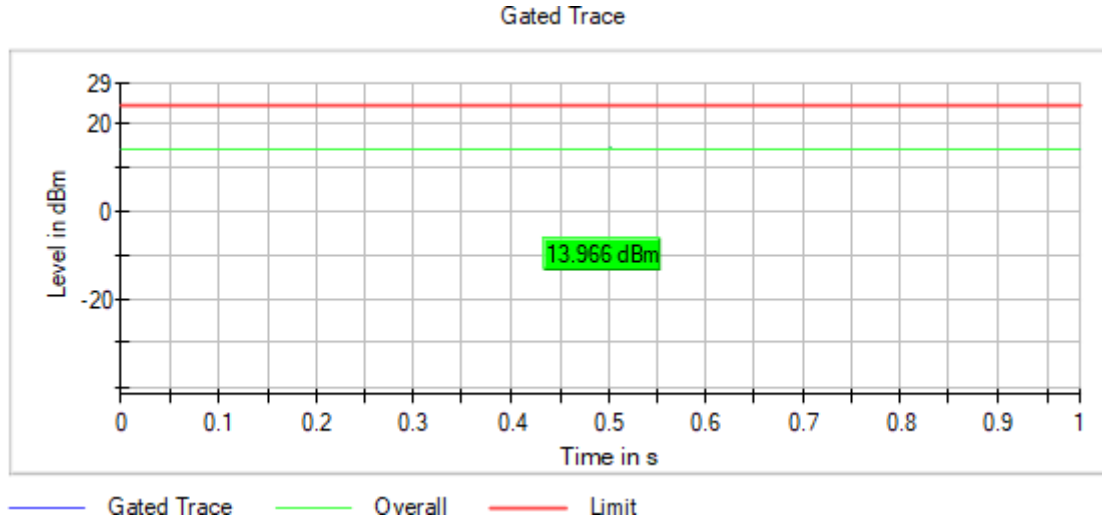
Operation Band MHz = [5150, 5850] Active Port = 1
Frequency MHz = 5200.00000 Modulation = 802.11ax HE20 SS1 (OFDMA MCS0)
TPC = No MIMO Mode = SISO

Images:



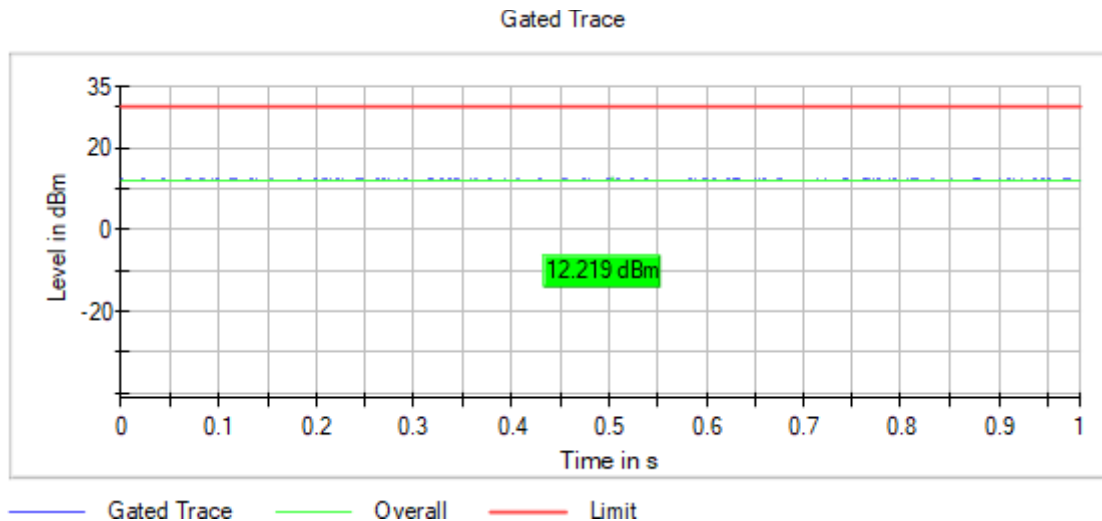
Operation Band MHz = [5150, 5850] Active Port = 1
Frequency MHz = 5240.00000 Modulation = 802.11ax HE20 SS1 (OFDMA MCS0)
TPC = No MIMO Mode = SISO

Images:



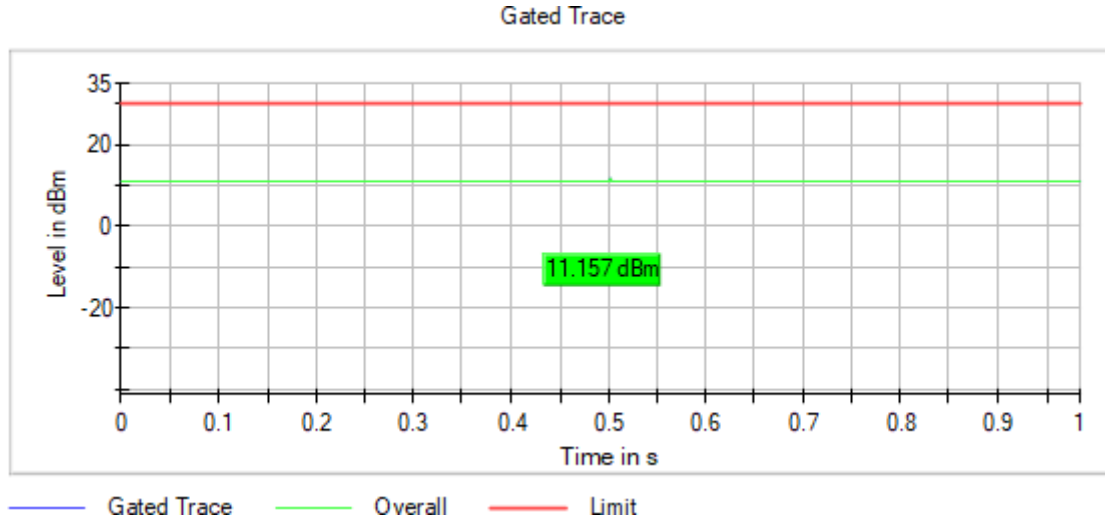
Operation Band MHz = [5150, 5850] Active Port = 1
Frequency MHz = 5745.00000 Modulation = 802.11ax HE20 SS1 (OFDMA MCS0)
TPC = No MIMO Mode = SISO

Images:



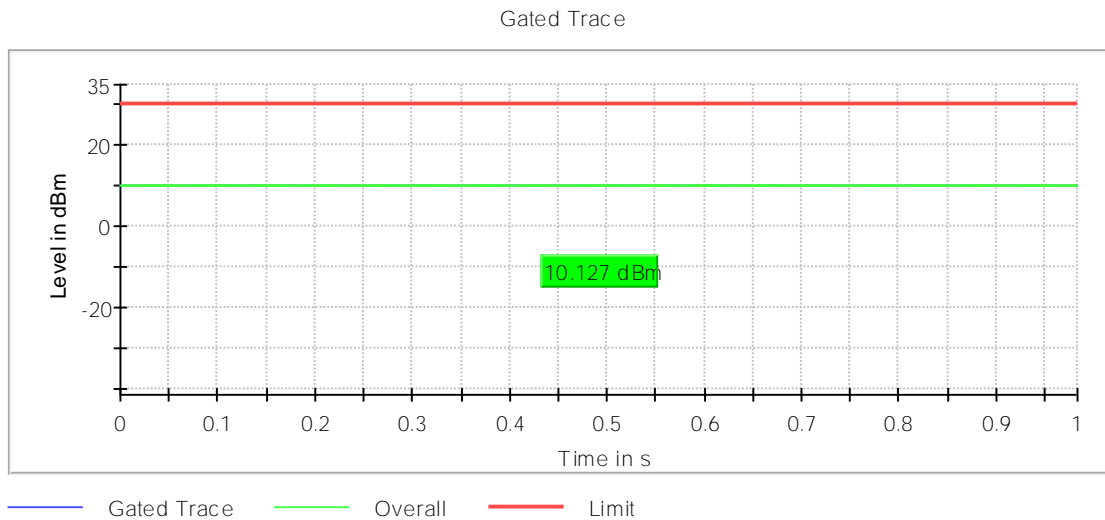
Operation Band MHz = [5150, 5850] Active Port = 1
 Frequency MHz = 5785.00000 Modulation = 802.11ax HE20 SS1 (OFDMA MCS0)
 TPC = No MIMO Mode = SISO

Images:



Operation Band MHz = [5150, 5850] Active Port = 1
 Frequency MHz = 5825.00000 Modulation = 802.11ax HE20 SS1 (OFDMA MCS0)
 TPC = No MIMO Mode = SISO

Images:



Tables:

Power Meter Settings

| Setting | Instrument Value | Target Value |
|------------------|------------------|---------------|
| Measurement Time | 1.000 s | 1.000 s |
| Points | 1000000 | 1000000 |
| Time resolution | 1.000 μ s | 1.000 μ s |

Modulation: 802.11ac VHT40 SS1 (OFDM MCS0)

MIMO Mode: SISO

Results

Maximum declared BTWLAN Antenna gain: 3.8 dBi for UNI-1, 3.5 dBi for UNI-3

| Operation Band (MHz) | Port | Freq (MHz) | Avg Power (dBm) | Max EIRP (dBm) |
|----------------------|------|------------|-----------------|----------------|
| [5150, 5850] | 1 | 5190.00000 | 14.9 | 18.7 |
| | | 5230.00000 | 13.9 | 17.7 |
| | | 5755.00000 | 13.1 | 16.6 |
| | | 5795.00000 | 11.4 | 14.9 |

Maximum declared Mohawk Module Antenna gain: 2.0 dBi for UNI-1, 2.1 dBi for UNI-3

| Operation Band (MHz) | Port | Freq (MHz) | Avg Power (dBm) | Max EIRP (dBm) |
|----------------------|------|------------|-----------------|----------------|
| [5150, 5850] | 1 | 5190.00000 | 14.9 | 16.9 |
| | | 5230.00000 | 13.9 | 15.9 |
| | | 5755.00000 | 13.1 | 15.2 |
| | | 5795.00000 | 11.4 | 13.5 |

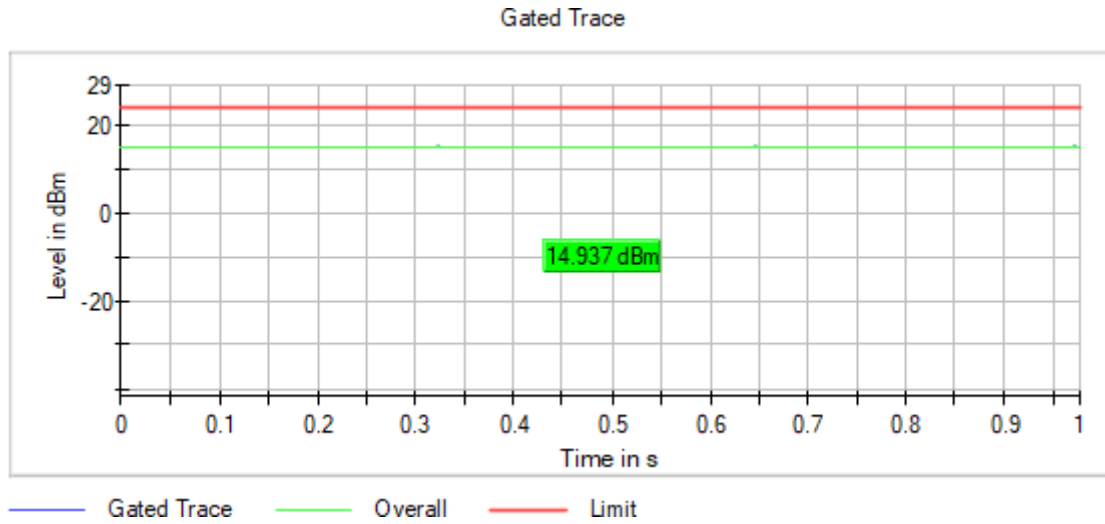
Verdict

Pass

Attachments

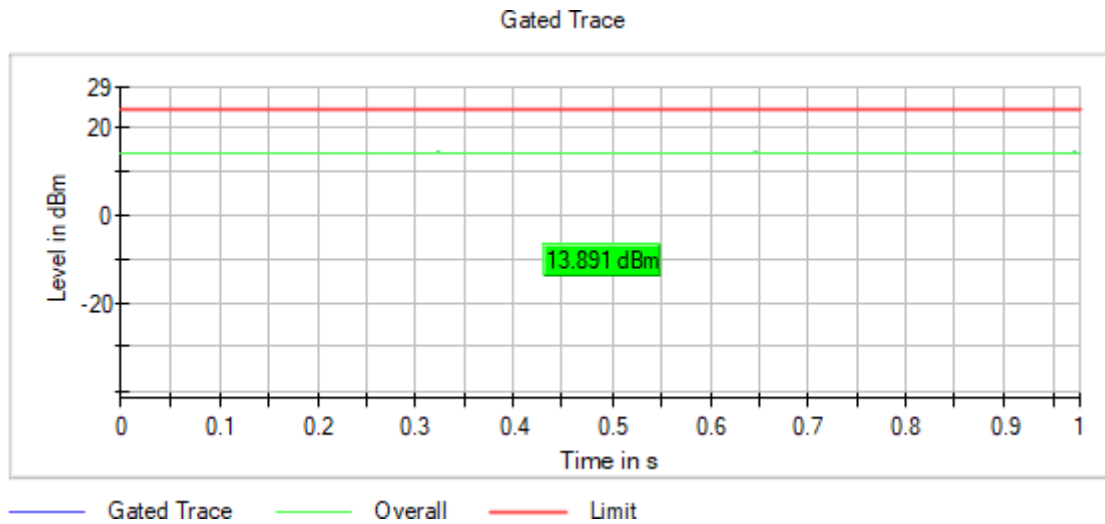
Operation Band MHz = [5150, 5850] Active Port = 1
Frequency MHz = 5190.00000 Modulation = 802.11ac VHT40 SS1 (OFDM MCS0)
TPC = No MIMO Mode = SISO

Images:



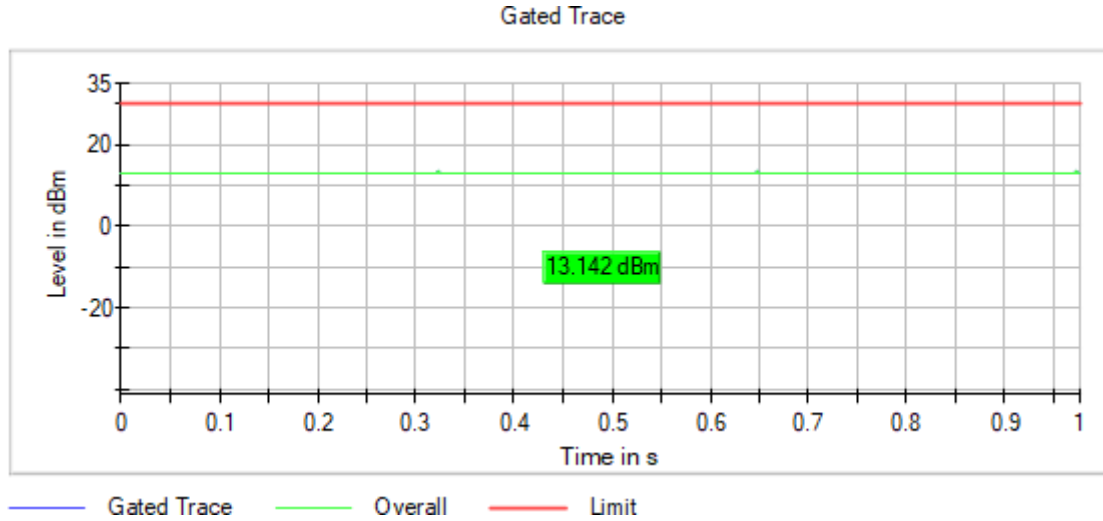
Operation Band MHz = [5150, 5850] Active Port = 1
Frequency MHz = 5230.00000 Modulation = 802.11ac VHT40 SS1 (OFDM MCS0)
TPC = No MIMO Mode = SISO

Images:



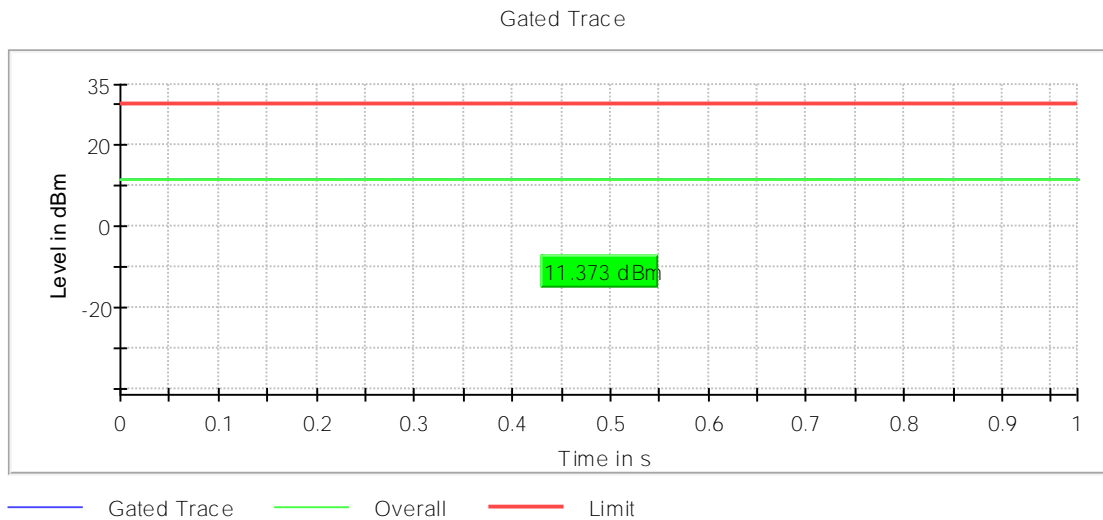
Operation Band MHz = [5150, 5850] Active Port = 1
 Frequency MHz = 5755.00000 Modulation = 802.11ac VHT40 SS1 (OFDM MCS0)
 TPC = No MIMO Mode = SISO

Images:



Operation Band MHz = [5150, 5850] Active Port = 1
 Frequency MHz = 5795.00000 Modulation = 802.11ac VHT40 SS1 (OFDM MCS0)
 TPC = No MIMO Mode = SISO

Images:



Tables:

Power Meter Settings

| Setting | Instrument Value | Target Value |
|------------------|------------------|---------------|
| Measurement Time | 1.000 s | 1.000 s |
| Points | 1000000 | 1000000 |
| Time resolution | 1.000 μ s | 1.000 μ s |

Modulation: 802.11ax HE40 SS1 (OFDMA MCS0)

MIMO Mode: SISO

Results

Maximum declared BTWLAN Antenna gain: 3.8 dBi for UNI-1, 3.5 dBi for UNI-3

| Operation Band (MHz) | Port | Freq (MHz) | Avg Power (dBm) | Max EIRP (dBm) |
|----------------------|------|------------|-----------------|----------------|
| [5150, 5850] | 1 | 5190.00000 | 14.3 | 18.1 |
| | | 5230.00000 | 13.3 | 17.1 |
| | | 5755.00000 | 13.7 | 17.2 |
| | | 5795.00000 | 11.7 | 15.2 |

Maximum declared Mohawk Module Antenna gain: 2.0 dBi for UNI-1, 2.1 dBi for UNI-3

| Operation Band (MHz) | Port | Freq (MHz) | Avg Power (dBm) | Max EIRP (dBm) |
|----------------------|------|------------|-----------------|----------------|
| [5150, 5850] | 1 | 5190.00000 | 14.3 | 16.3 |
| | | 5230.00000 | 13.3 | 15.3 |
| | | 5755.00000 | 13.7 | 15.8 |
| | | 5795.00000 | 11.7 | 13.8 |

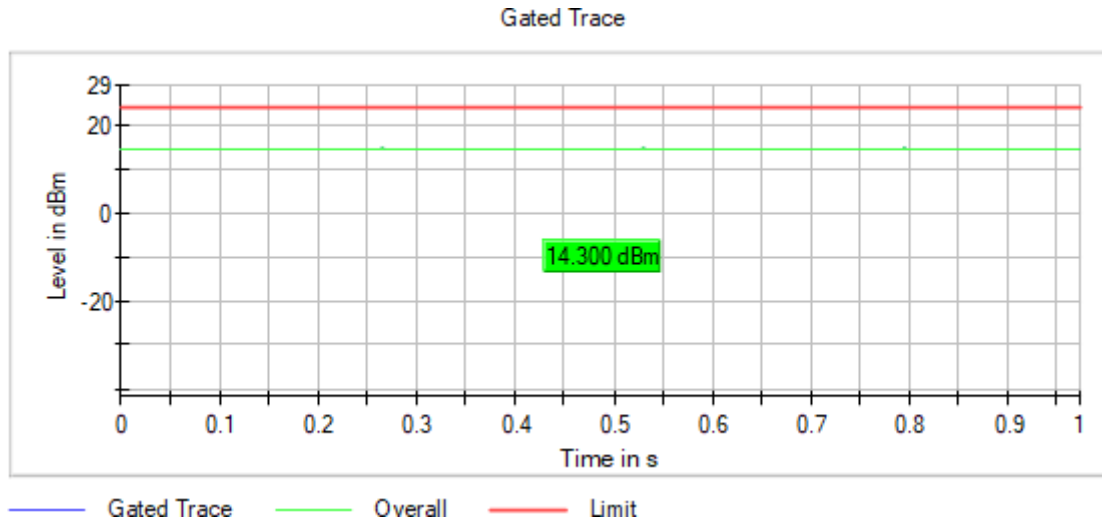
Verdict

Pass

Attachments

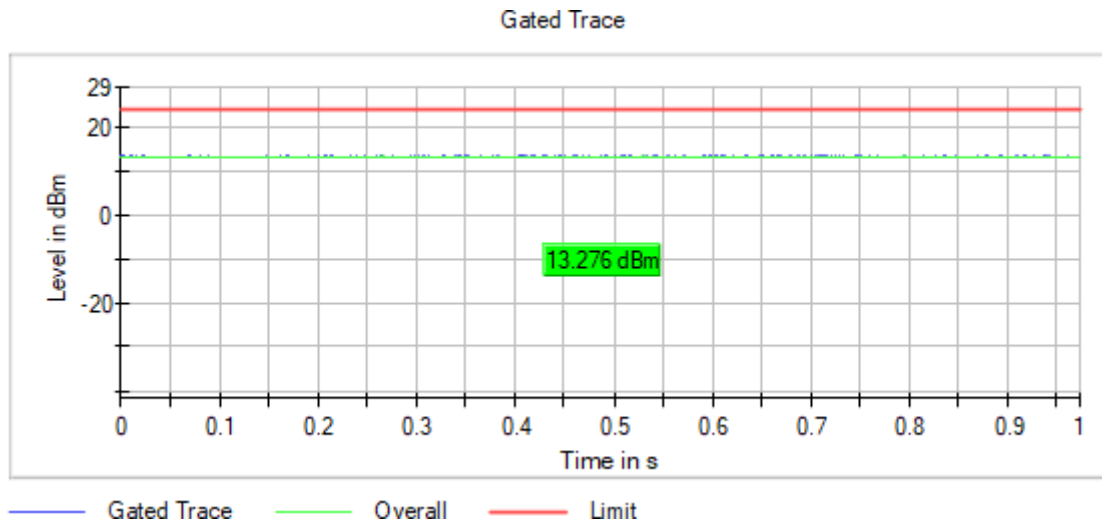
Operation Band MHz = [5150, 5850] Active Port = 1
Frequency MHz = 5190.00000 Modulation = 802.11ax HE40 SS1 (OFDMA MCS0)
TPC = No MIMO Mode = SISO

Images:



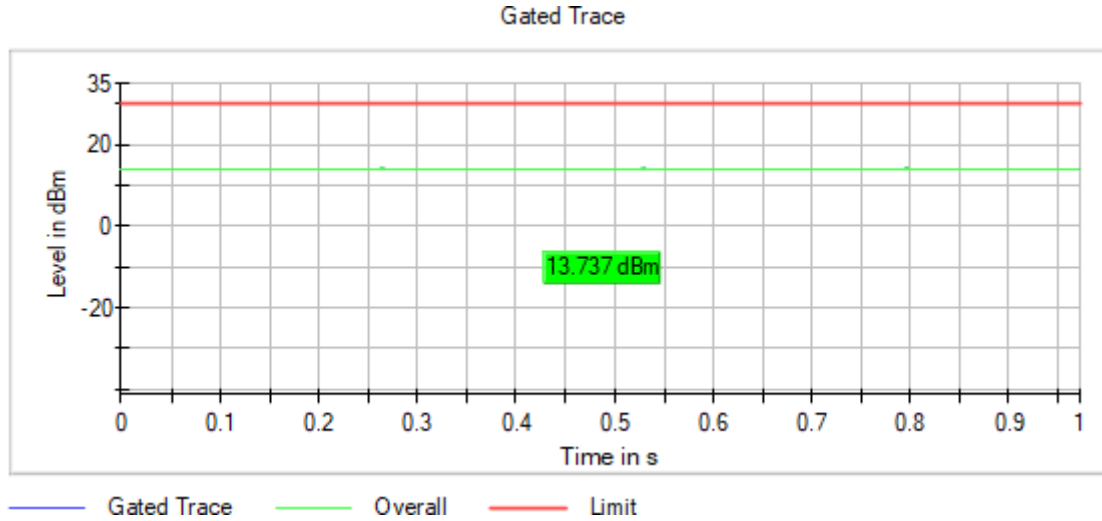
Operation Band MHz = [5150, 5850] Active Port = 1
Frequency MHz = 5230.00000 Modulation = 802.11ax HE40 SS1 (OFDMA MCS0)
TPC = No MIMO Mode = SISO

Images:



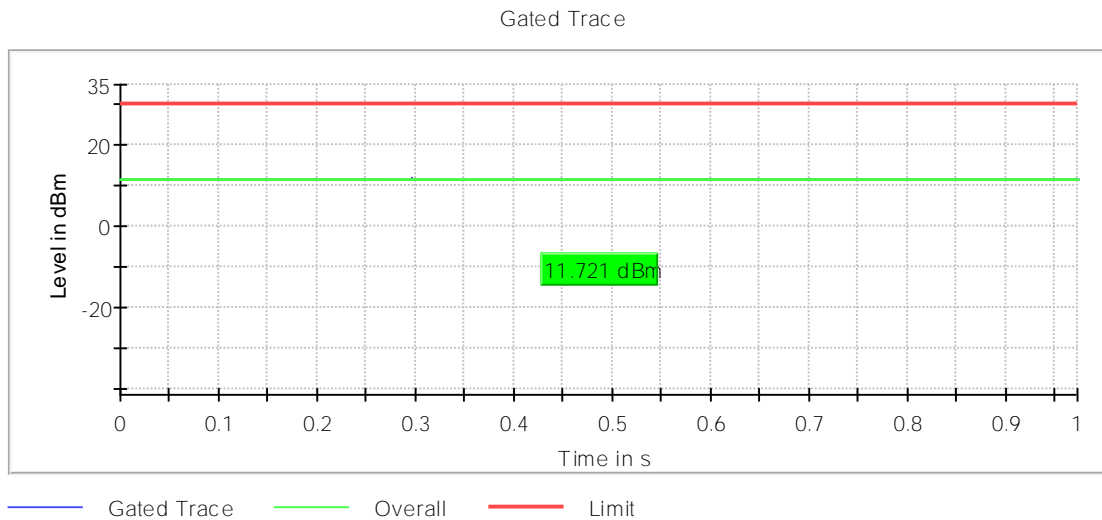
Operation Band MHz = [5150, 5850] Active Port = 1
 Frequency MHz = 5755.00000 Modulation = 802.11ax HE40 SS1 (OFDMA MCS0)
 TPC = No MIMO Mode = SISO

Images:



Operation Band MHz = [5150, 5850] Active Port = 1
 Frequency MHz = 5795.00000 Modulation = 802.11ax HE40 SS1 (OFDMA MCS0)
 TPC = No MIMO Mode = SISO

Images:



Tables:

Power Meter Settings

| Setting | Instrument Value | Target Value |
|------------------|------------------|---------------|
| Measurement Time | 1.000 s | 1.000 s |
| Points | 1000000 | 1000000 |
| Time resolution | 1.000 μ s | 1.000 μ s |

Modulation: 802.11ac VHT80 SS1 (OFDM MCS0)

MIMO Mode: SISO

Results

Maximum declared BTWLAN Antenna gain: 3.8 dBi for UNI-1, 3.5 dBi for UNI-3

| Operation Band (MHz) | Port | Freq (MHz) | Avg Power (dBm) | Max EIRP (dBm) |
|----------------------|------|------------|-----------------|----------------|
| [5150, 5850] | 1 | 5210.00000 | 10.3 | 14.1 |
| | | 5775.00000 | 13.9 | 17.4 |

Maximum declared Mohawk Module Antenna gain: 2.0 dBi for UNI-1, 2.1 dBi for UNI-3

| Operation Band (MHz) | Port | Freq (MHz) | Avg Power (dBm) | Max EIRP (dBm) |
|----------------------|------|------------|-----------------|----------------|
| [5150, 5850] | 1 | 5210.00000 | 10.3 | 12.3 |
| | | 5775.00000 | 13.9 | 16.0 |

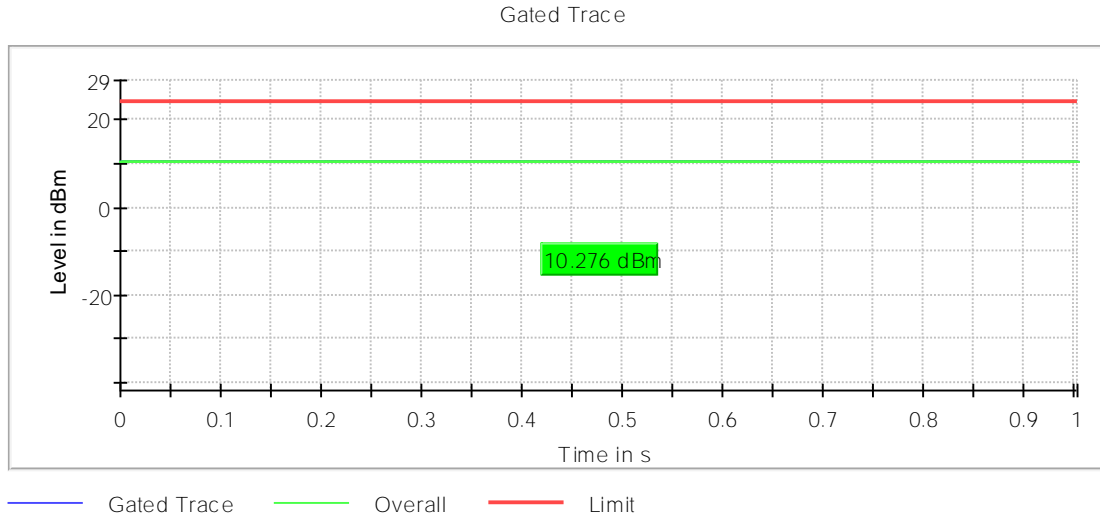
Verdict

Pass

Attachments

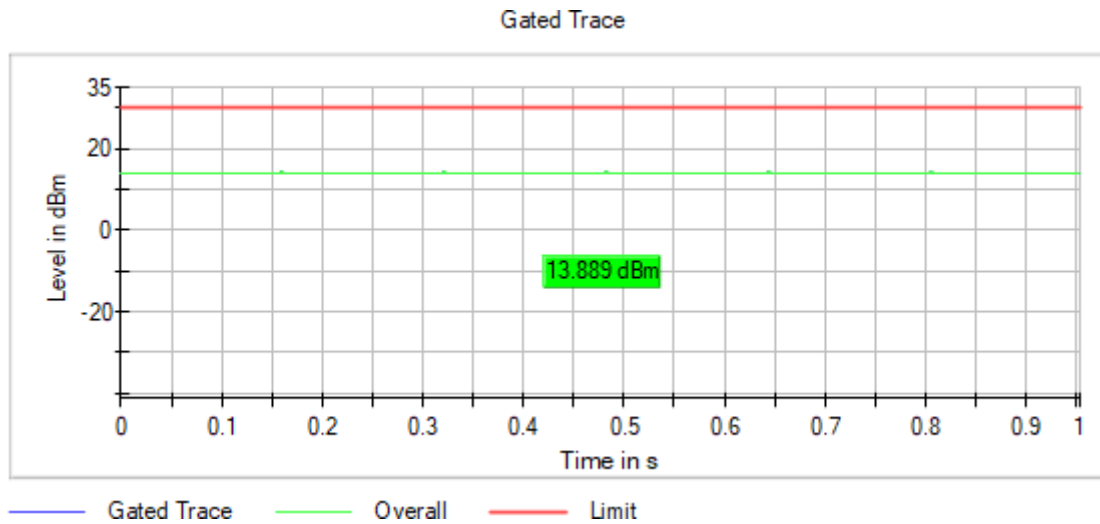
Operation Band MHz = [5150, 5850] Active Port = 1
 Frequency MHz = 5210.00000 Modulation = 802.11ac VHT80 SS1 (OFDM MCS0)
 TPC = No MIMO Mode = SISO

Images:



Operation Band MHz = [5150, 5850] Active Port = 1
 Frequency MHz = 5775.00000 Modulation = 802.11ac VHT80 SS1 (OFDM MCS0)
 TPC = No MIMO Mode = SISO

Images:



Tables:

Power Meter Settings

| Setting | Instrument Value | Target Value |
|------------------|------------------|---------------|
| Measurement Time | 1.000 s | 1.000 s |
| Points | 1000000 | 1000000 |
| Time resolution | 1.000 μ s | 1.000 μ s |

Modulation: 802.11ax HE80 SS1 (OFDMA MCS0)

MIMO Mode: SISO

Results

Maximum declared BTWLAN Antenna gain: 3.8 dBi for UNI-1, 3.5 dBi for UNI-3

| Operation Band (MHz) | Port | Freq (MHz) | Avg Power (dBm) | Max EIRP (dBm) |
|----------------------|------|------------|-----------------|----------------|
| [5150, 5850] | 1 | 5210.00000 | 12.9 | 16.7 |
| | | 5775.00000 | 11.8 | 15.3 |

Maximum declared Mohawk Module Antenna gain: 2.0 dBi for UNI-1, 2.1 dBi for UNI-3

| Operation Band (MHz) | Port | Freq (MHz) | Avg Power (dBm) | Max EIRP (dBm) |
|----------------------|------|------------|-----------------|----------------|
| [5150, 5850] | 1 | 5210.00000 | 12.9 | 14.9 |
| | | 5775.00000 | 11.8 | 13.9 |

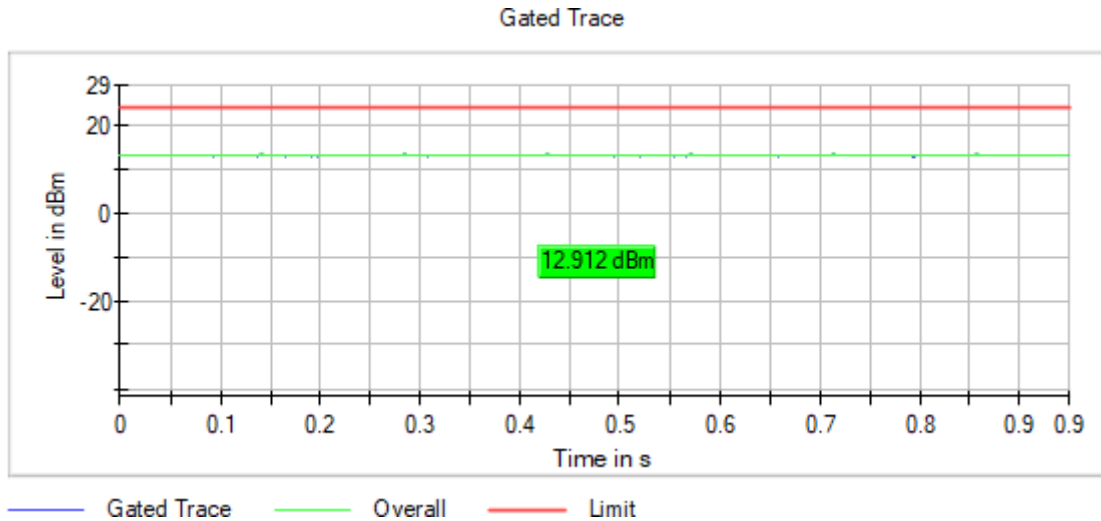
Verdict

Pass

Attachments

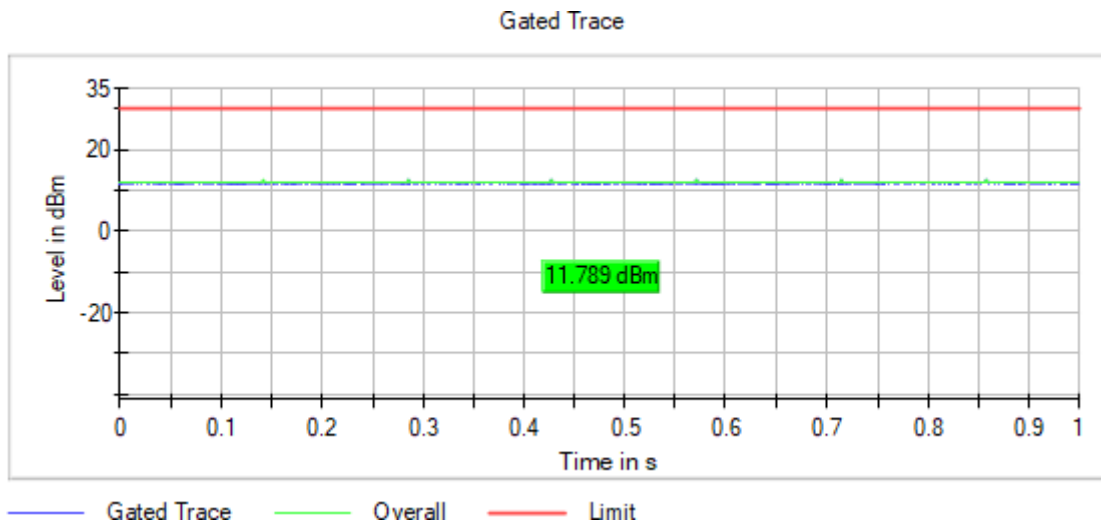
Operation Band MHz = [5150, 5850] Active Port = 1
 Frequency MHz = 5210.00000 Modulation = 802.11ax HE80 SS1 (OFDMA MCS0)
 TPC = No MIMO Mode = SISO

Images:



Operation Band MHz = [5150, 5850] Active Port = 1
 Frequency MHz = 5775.00000 Modulation = 802.11ax HE80 SS1 (OFDMA MCS0)
 TPC = No MIMO Mode = SISO

Images:



Tables:

Power Meter Settings

| Setting | Instrument Value | Target Value |
|------------------|------------------|---------------|
| Measurement Time | 1.000 s | 1.000 s |
| Points | 1000000 | 1000000 |
| Time resolution | 1.000 μ s | 1.000 μ s |

Modulation: 802.11a (OFDM 6 Mbit/s)

MIMO Mode: SISO

Results

Maximum declared BTWLAN Antenna gain: 3.8 dBi for UNI-1, 3.5 dBi for UNI-3

| Operation Band (MHz) | Port | Freq (MHz) | Avg Power (dBm) | Max EIRP (dBm) |
|----------------------|------|------------|-----------------|----------------|
| [5150, 5850] | 1 | 5180.00000 | 15.1 | 18.9 |
| | | 5200.00000 | 15.1 | 18.9 |
| | | 5240.00000 | 13.7 | 17.5 |
| | | 5745.00000 | 11.0 | 14.5 |
| | | 5785.00000 | 10.0 | 13.5 |
| | | 5825.00000 | 8.9 | 12.4 |

Maximum declared Mohawk Module Antenna gain: 2.0 dBi for UNI-1, 2.1 dBi for UNI-3

| Operation Band (MHz) | Port | Freq (MHz) | Avg Power (dBm) | Max EIRP (dBm) |
|----------------------|------|------------|-----------------|----------------|
| [5150, 5850] | 1 | 5180.00000 | 15.1 | 17.1 |
| | | 5200.00000 | 15.1 | 17.1 |
| | | 5240.00000 | 13.7 | 15.7 |
| | | 5745.00000 | 11.0 | 13.1 |
| | | 5785.00000 | 10.0 | 12.1 |
| | | 5825.00000 | 8.9 | 11.0 |

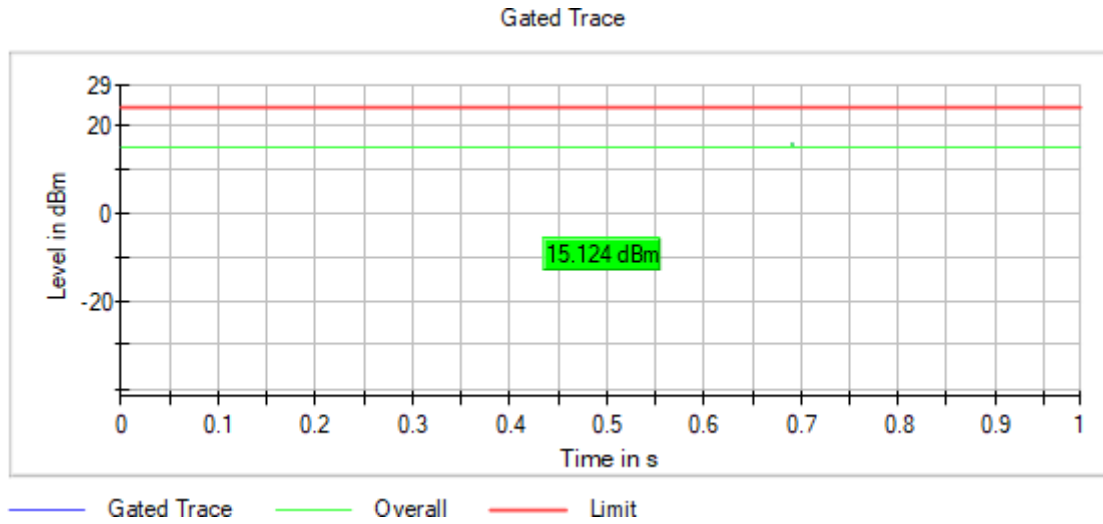
Verdict

Pass

Attachments

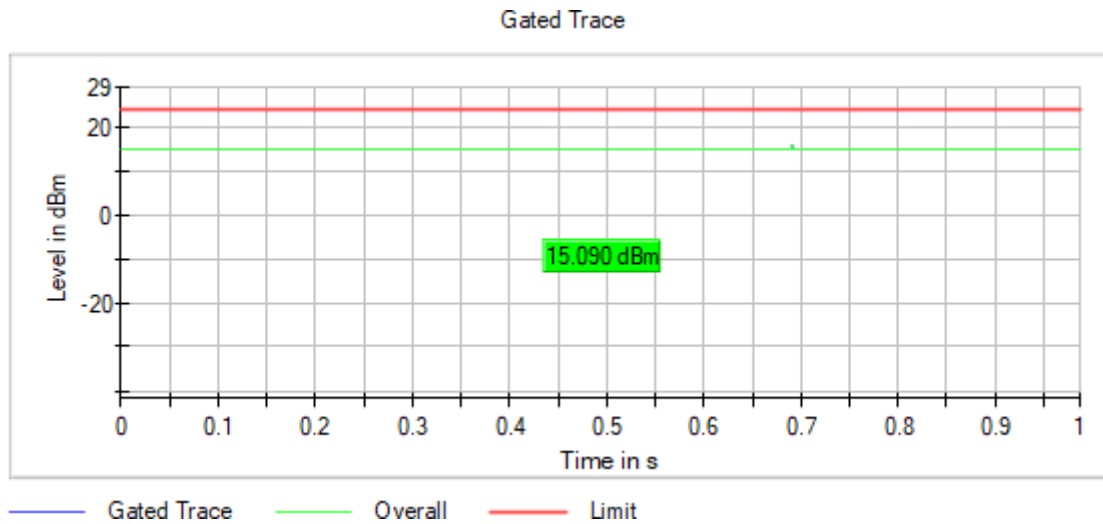
Operation Band MHz = [5150, 5850] Active Port = 1
Frequency MHz = 5180.00000 Modulation = 802.11a (OFDM 6 Mbit/s)
TPC = No MIMO Mode = SISO

Images:



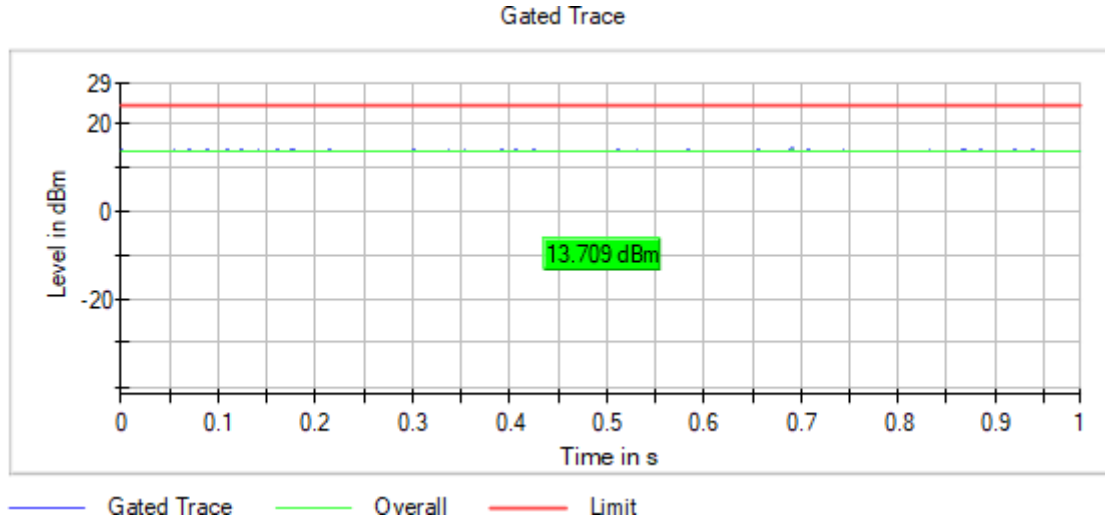
Operation Band MHz = [5150, 5850] Active Port = 1
Frequency MHz = 5200.00000 Modulation = 802.11a (OFDM 6 Mbit/s)
TPC = No MIMO Mode = SISO

Images:



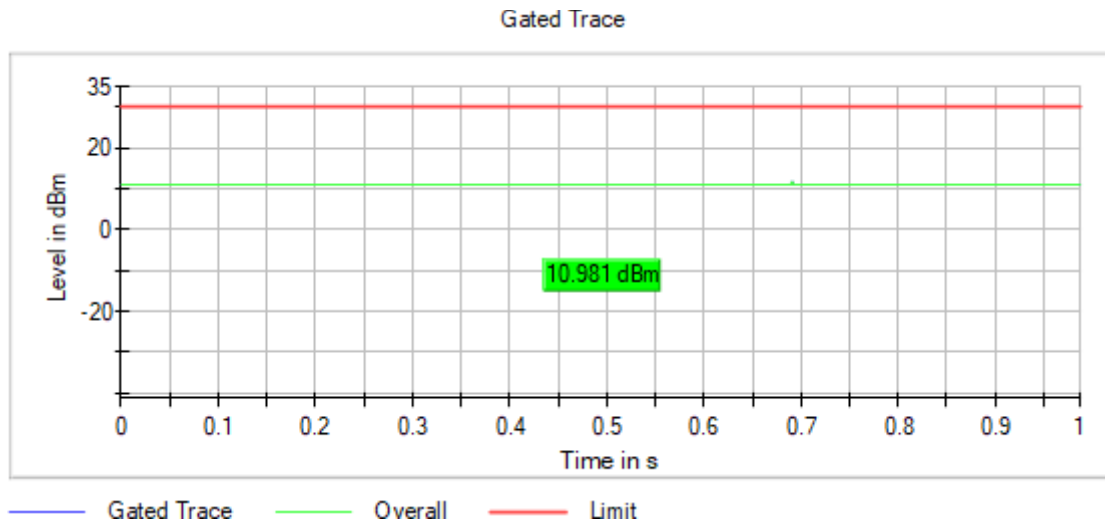
Operation Band MHz = [5150, 5850] Active Port = 1
Frequency MHz = 5240.00000 Modulation = 802.11a (OFDM 6 Mbit/s)
TPC = No MIMO Mode = SISO

Images:



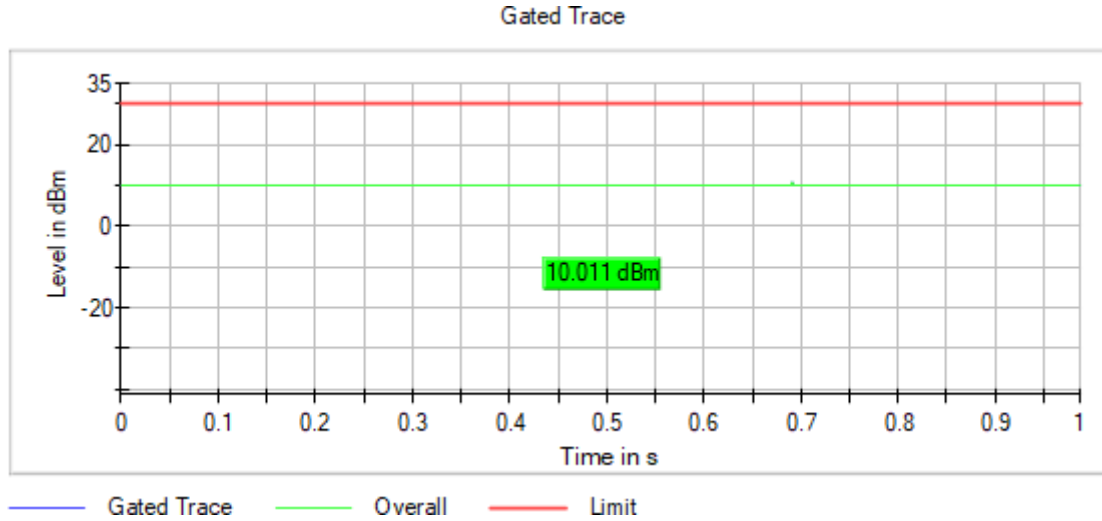
Operation Band MHz = [5150, 5850] Active Port = 1
Frequency MHz = 5745.00000 Modulation = 802.11a (OFDM 6 Mbit/s)
TPC = No MIMO Mode = SISO

Images:



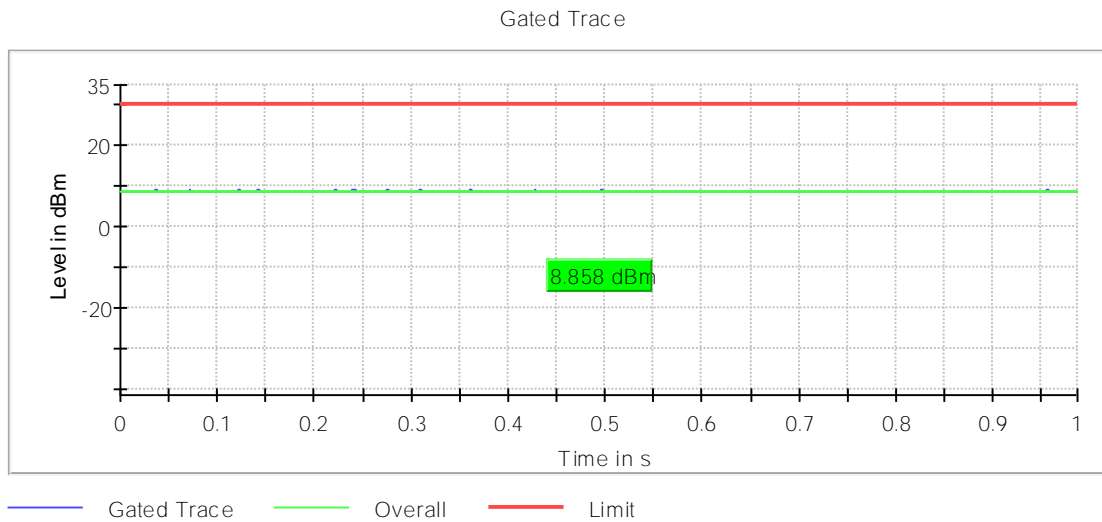
Operation Band MHz = [5150, 5850] Active Port = 1
 Frequency MHz = 5785.00000 Modulation = 802.11a (OFDM 6 Mbit/s)
 TPC = No MIMO Mode = SISO

Images:



Operation Band MHz = [5150, 5850] Active Port = 1
 Frequency MHz = 5825.00000 Modulation = 802.11a (OFDM 6 Mbit/s)
 TPC = No MIMO Mode = SISO

Images:



Tables:

Power Meter Settings

| Setting | Instrument Value | Target Value |
|------------------|------------------|---------------|
| Measurement Time | 1.000 s | 1.000 s |
| Points | 1000000 | 1000000 |
| Time resolution | 1.000 μ s | 1.000 μ s |

Modulation: 802.11n HT20 (OFDM MCS0)

MIMO Mode: SISO

Results

Maximum declared BTWLAN Antenna gain: 3.8 dBi for UNI-1, 3.5 dBi for UNI-3

| Operation Band (MHz) | Port | Freq (MHz) | Avg Power (dBm) | Max EIRP (dBm) |
|----------------------|------|------------|-----------------|----------------|
| [5150, 5850] | 1 | 5180.00000 | 14.8 | 18.6 |
| | | 5200.00000 | 15.2 | 19.0 |
| | | 5240.00000 | 13.8 | 17.6 |
| | | 5745.00000 | 13.6 | 17.1 |
| | | 5785.00000 | 12.6 | 16.1 |
| | | 5825.00000 | 11.3 | 14.8 |

Maximum declared Mohawk Module Antenna gain: 2.0 dBi for UNI-1, 2.1 dBi for UNI-3

| Operation Band (MHz) | Port | Freq (MHz) | Avg Power (dBm) | Max EIRP (dBm) |
|----------------------|------|------------|-----------------|----------------|
| [5150, 5850] | 1 | 5180.00000 | 14.8 | 16.8 |
| | | 5200.00000 | 15.2 | 17.2 |
| | | 5240.00000 | 13.8 | 15.8 |
| | | 5745.00000 | 13.6 | 15.7 |
| | | 5785.00000 | 12.6 | 14.7 |
| | | 5825.00000 | 11.3 | 13.4 |

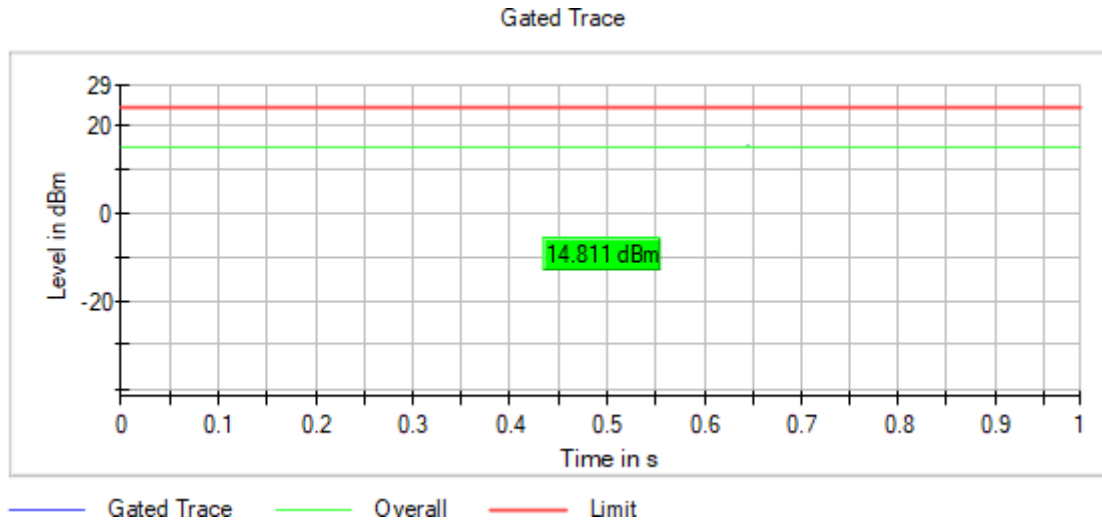
Verdict

Pass

Attachments

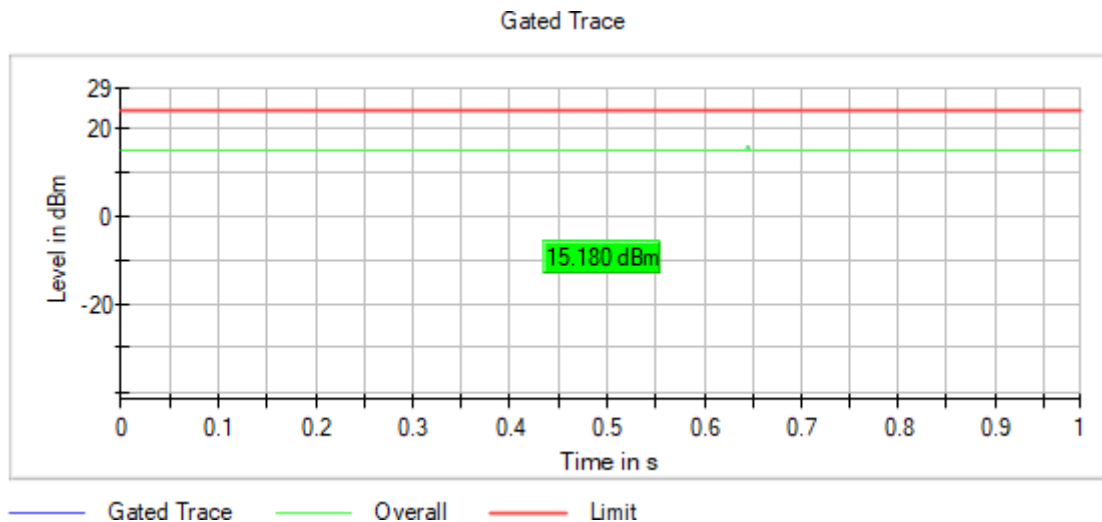
Operation Band MHz = [5150, 5850] Active Port = 1
 Frequency MHz = 5180.00000 Modulation = 802.11n HT20 (OFDM MCS0)
 TPC = No MIMO Mode = SISO

Images:



Operation Band MHz = [5150, 5850] Active Port = 1
 Frequency MHz = 5200.00000 Modulation = 802.11n HT20 (OFDM MCS0)
 TPC = No MIMO Mode = SISO

Images:



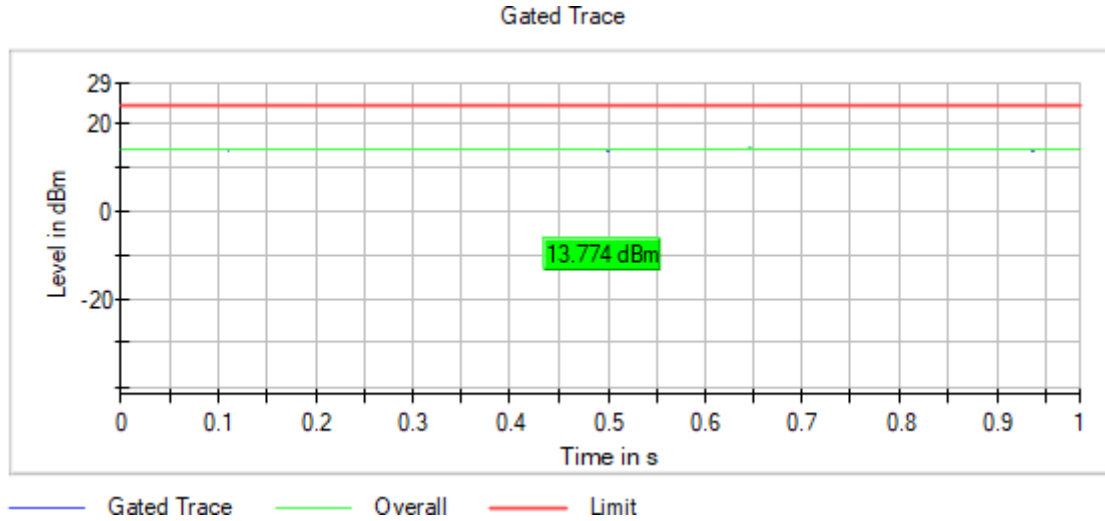
Tables:

Power Meter Settings

| Setting | Instrument Value | Target Value |
|------------------|------------------|---------------|
| Measurement Time | 1.000 s | 1.000 s |
| Points | 1000000 | 1000000 |
| Time resolution | 1.000 μ s | 1.000 μ s |

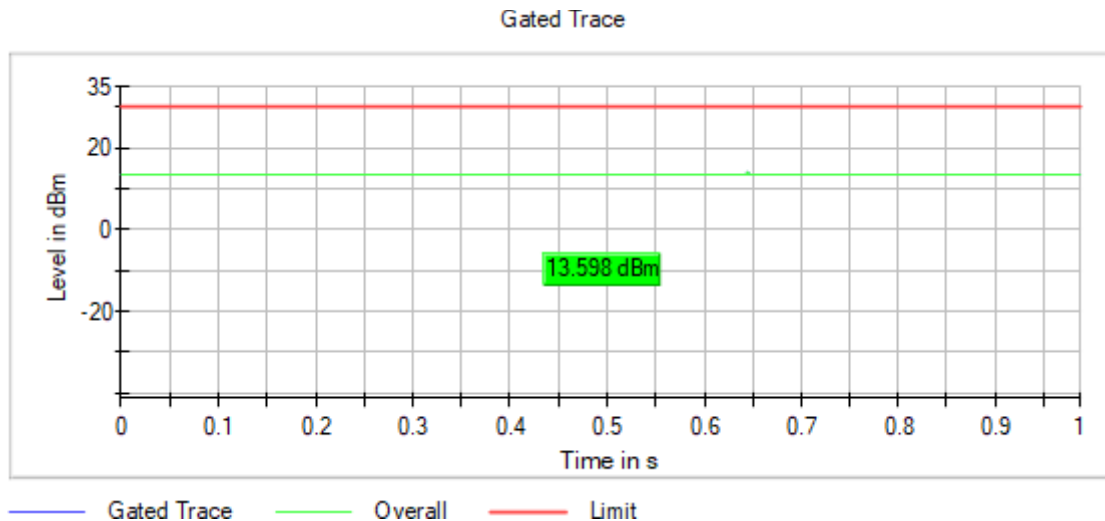
Operation Band MHz = [5150, 5850] Active Port = 1
Frequency MHz = 5240.00000 Modulation = 802.11n HT20 (OFDM MCS0)
TPC = No MIMO Mode = SISO

Images:



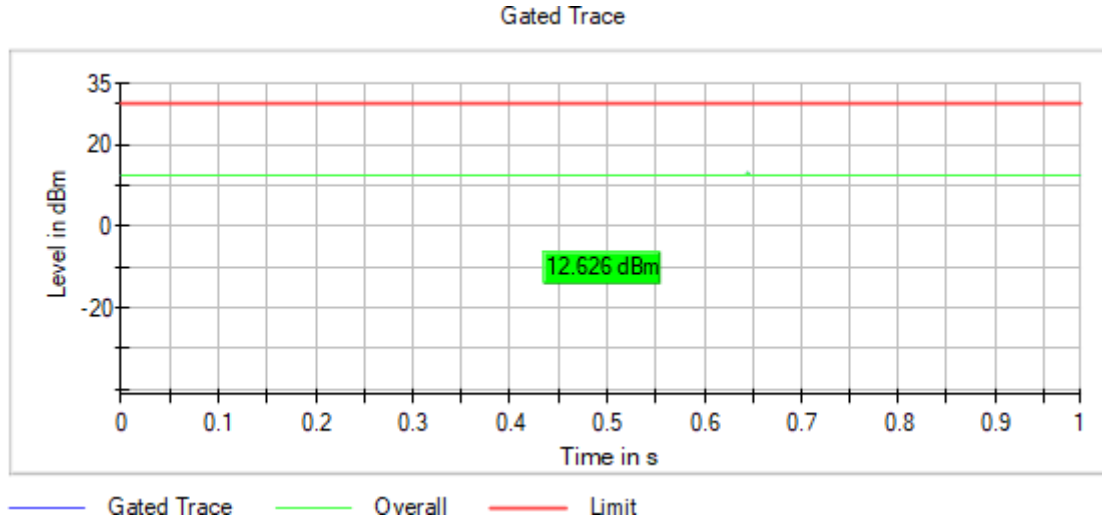
Operation Band MHz = [5150, 5850] Active Port = 1
Frequency MHz = 5745.00000 Modulation = 802.11n HT20 (OFDM MCS0)
TPC = No MIMO Mode = SISO

Images:



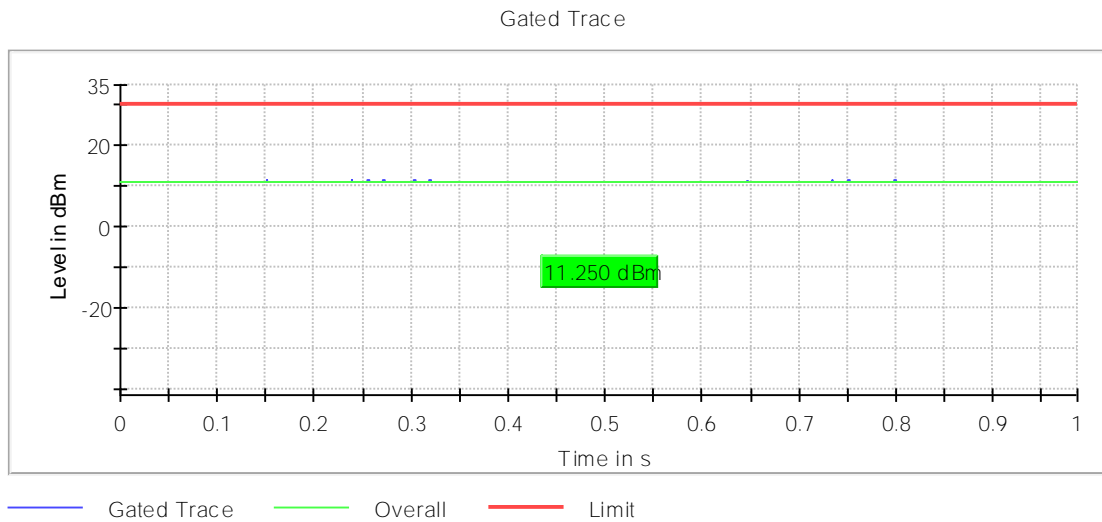
Operation Band MHz = [5150, 5850] Active Port = 1
 Frequency MHz = 5785.00000 Modulation = 802.11n HT20 (OFDM MCS0)
 TPC = No MIMO Mode = SISO

Images:



Operation Band MHz = [5150, 5850] Active Port = 1
 Frequency MHz = 5825.00000 Modulation = 802.11n HT20 (OFDM MCS0)
 TPC = No MIMO Mode = SISO

Images:



Tables:

Power Meter Settings

| Setting | Instrument Value | Target Value |
|------------------|------------------|---------------|
| Measurement Time | 1.000 s | 1.000 s |
| Points | 1000000 | 1000000 |
| Time resolution | 1.000 μ s | 1.000 μ s |

Modulation: 802.11n HT40 (OFDM MCS0)

MIMO Mode: SISO

Results

Maximum declared BTWLAN Antenna gain: 3.8 dBi for UNI-1, 3.5 dBi for UNI-3

| Operation Band (MHz) | Port | Freq (MHz) | Avg Power (dBm) | Max EIRP (dBm) |
|----------------------|------|------------|-----------------|----------------|
| [5150, 5850] | 1 | 5190.00000 | 15.0 | 18.8 |
| | | 5230.00000 | 14.0 | 17.8 |
| | | 5755.00000 | 13.5 | 17.0 |
| | | 5795.00000 | 11.4 | 14.9 |

Maximum declared Mohawk Module Antenna gain: 2.0 dBi for UNI-1, 2.1 dBi for UNI-3

| Operation Band (MHz) | Port | Freq (MHz) | Avg Power (dBm) | Max EIRP (dBm) |
|----------------------|------|------------|-----------------|----------------|
| [5150, 5850] | 1 | 5190.00000 | 15.0 | 17.0 |
| | | 5230.00000 | 14.0 | 16.0 |
| | | 5755.00000 | 13.5 | 15.6 |
| | | 5795.00000 | 11.4 | 13.5 |

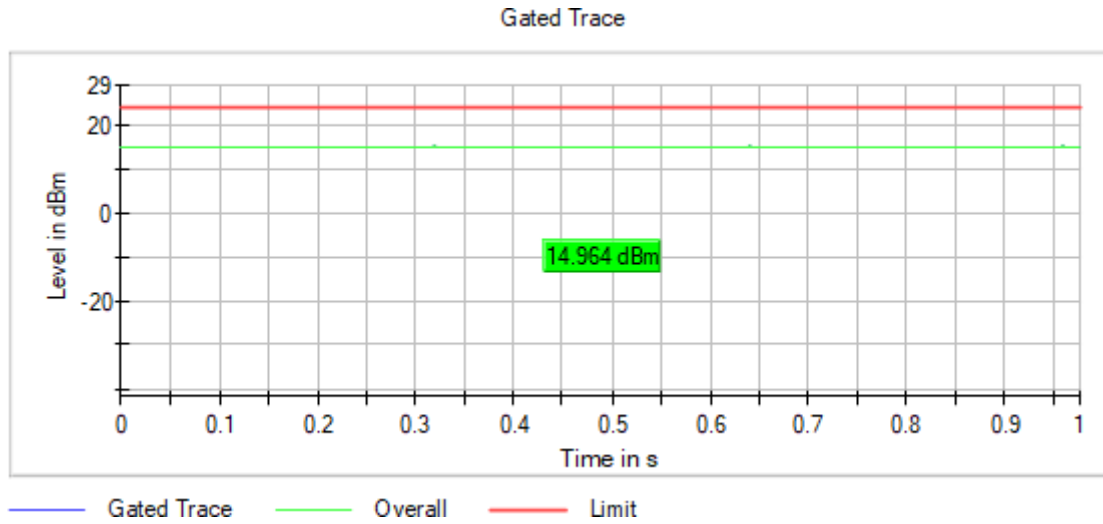
Verdict

Pass

Attachments

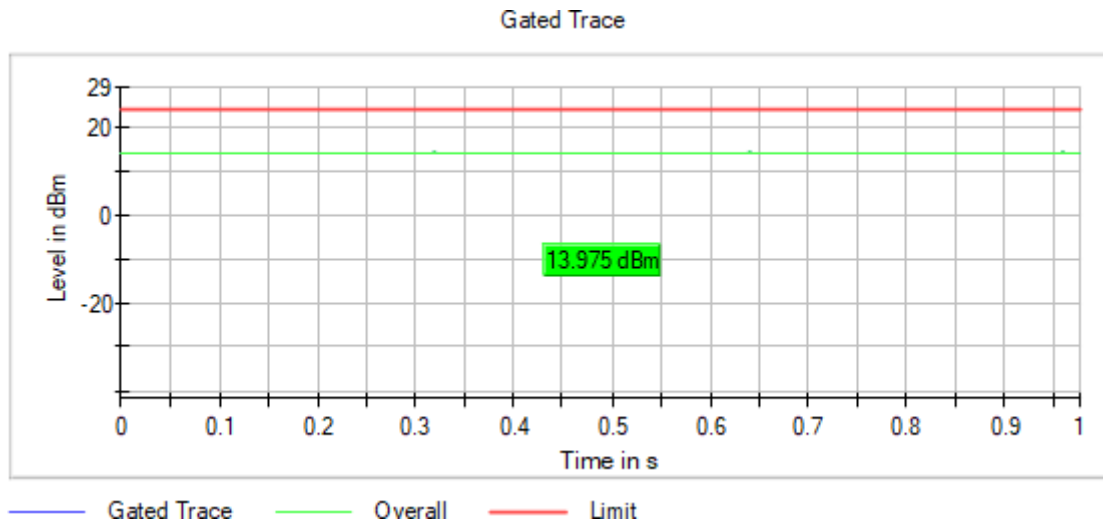
Operation Band MHz = [5150, 5850] Active Port = 1
Frequency MHz = 5190.00000 Modulation = 802.11n HT40 (OFDM MCS0)
TPC = No MIMO Mode = SISO

Images:



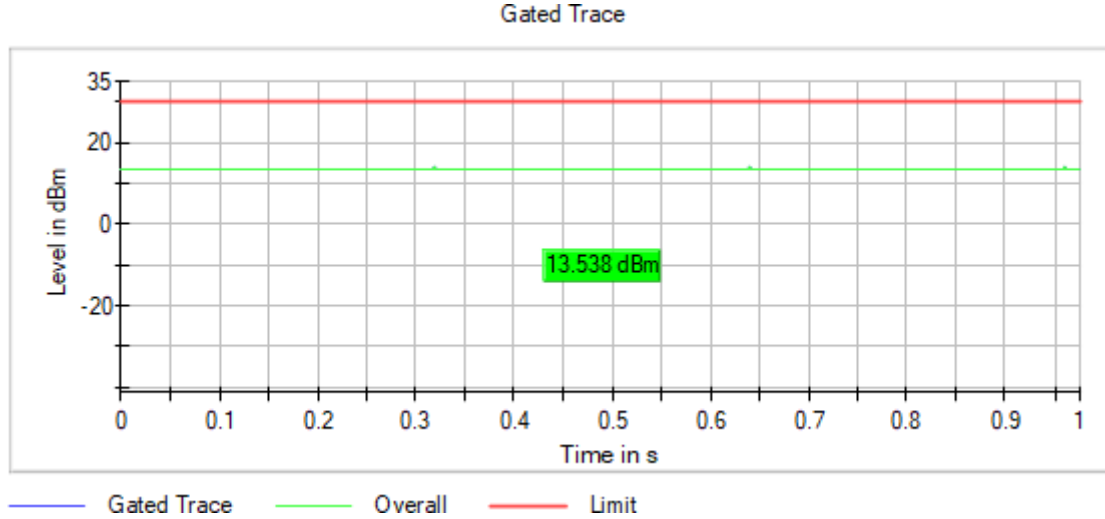
Operation Band MHz = [5150, 5850] Active Port = 1
Frequency MHz = 5230.00000 Modulation = 802.11n HT40 (OFDM MCS0)
TPC = No MIMO Mode = SISO

Images:



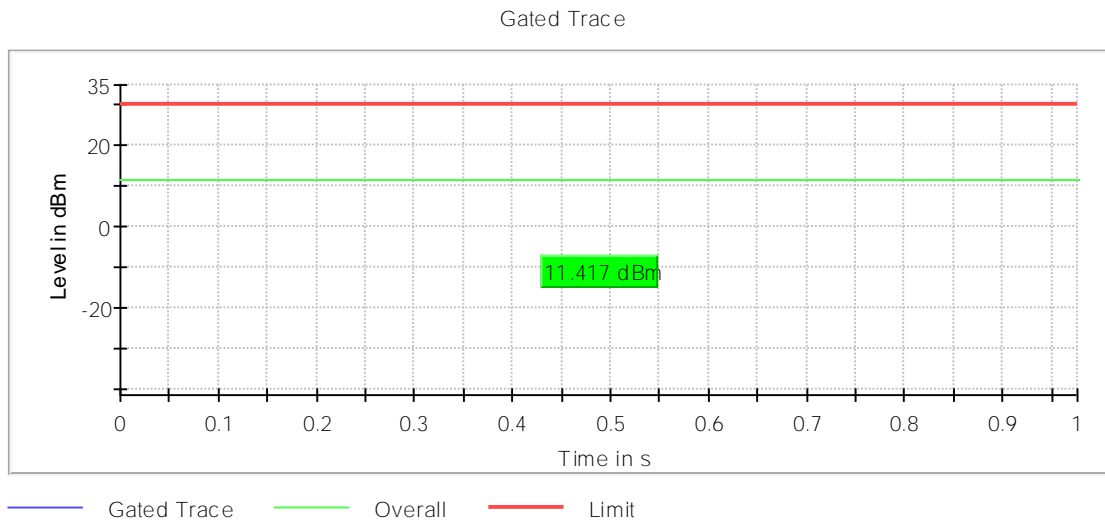
Operation Band MHz = [5150, 5850] Active Port = 1
 Frequency MHz = 5755.00000 Modulation = 802.11n HT40 (OFDM MCS0)
 TPC = No MIMO Mode = SISO

Images:



Operation Band MHz = [5150, 5850] Active Port = 1
 Frequency MHz = 5795.00000 Modulation = 802.11n HT40 (OFDM MCS0)
 TPC = No MIMO Mode = SISO

Images:



Tables:

Power Meter Settings

| Setting | Instrument Value | Target Value |
|------------------|------------------|--------------|
| Measurement Time | 1.000 s | 1.000 s |
| Points | 1000000 | 1000000 |
| Time resolution | 1.000 µs | 1.000 µs |

FCC 15.407 (a) / RSS-247 6.2 Maximum Power Spectral Density

Limits

FCC 15.407: The maximum power spectral density shall not exceed 30 dBm in any 500-kHz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

RSS-247: The output power spectral density shall not exceed 30 dBm in any 500 kHz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the output power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

Modulation: 802.11ac VHT20 SS1 (OFDM MCS0)

MIMO Mode: SISO

Results

| Operation Band (MHz) | Port | Freq (MHz) | Marker Freq (MHz) | PSD (dBm) |
|----------------------|------|------------|-------------------|-----------|
| [5150, 5850] | 1 | 5180.00000 | 5182.178218 | 4.88 |
| | | 5200.00000 | 5197.227723 | 5.14 |
| | | 5240.00000 | 5242.376238 | 3.45 |
| | | 5745.00000 | 5752.524752 | 0.00 |
| | | 5785.00000 | 5777.475248 | -0.98 |
| | | 5825.00000 | 5832.524752 | -2.32 |

Verdict

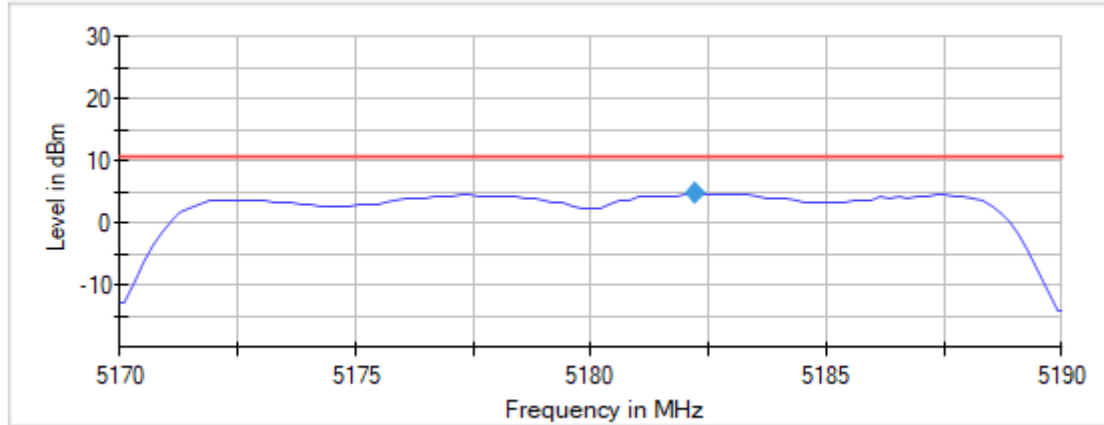
Pass

Attachments

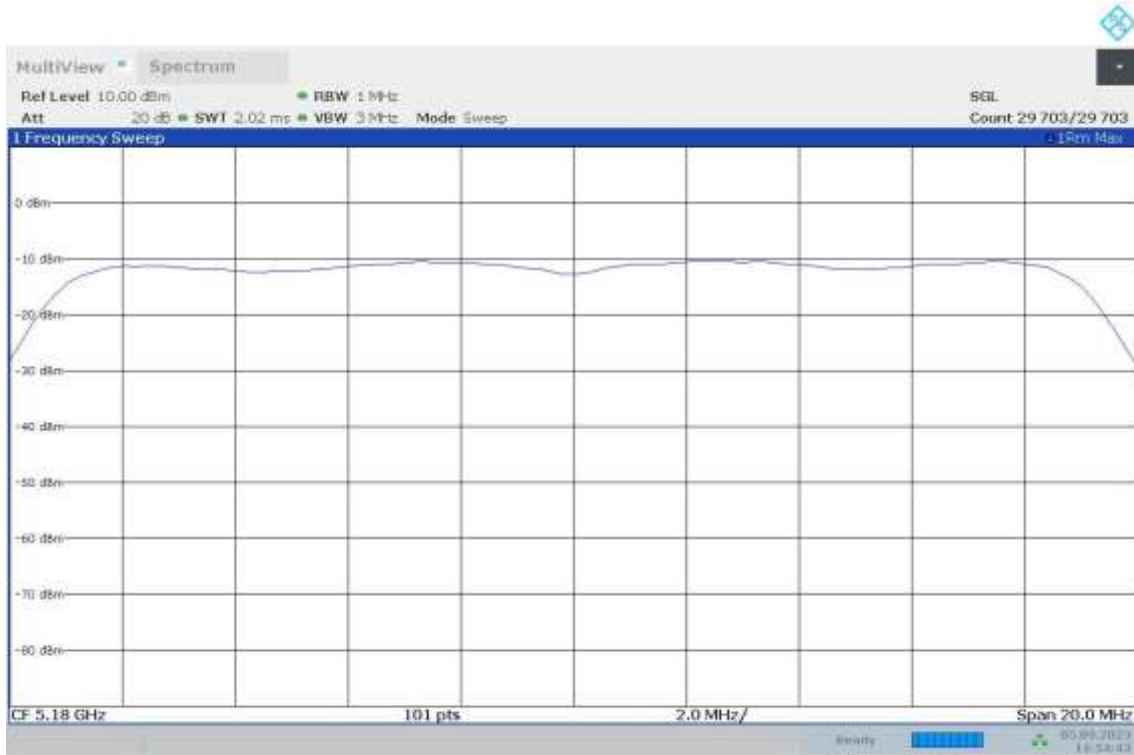
Operation Band MHz = [5150, 5850] Active Port = 1
Frequency MHz = 5180.00000 Modulation = 802.11ac VHT20 SS1 (OFDM MCS0)
TPC = No MIMO Mode = SISO

Images:

Power Spectral Density (SA-3)

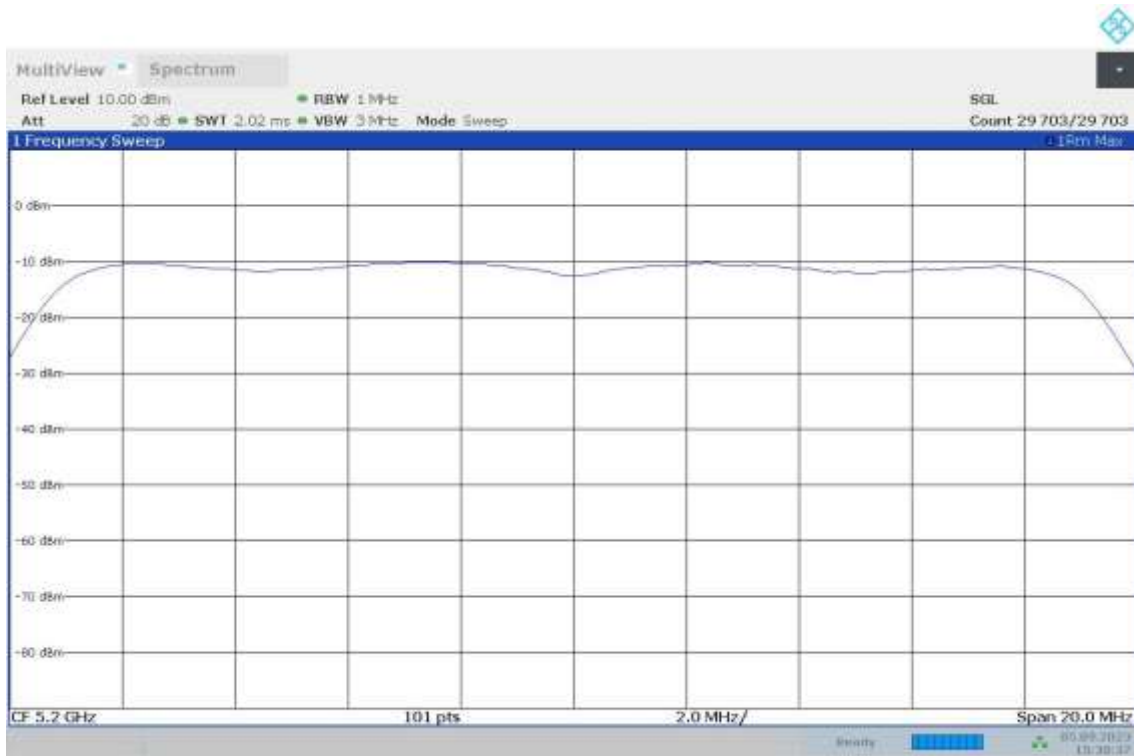
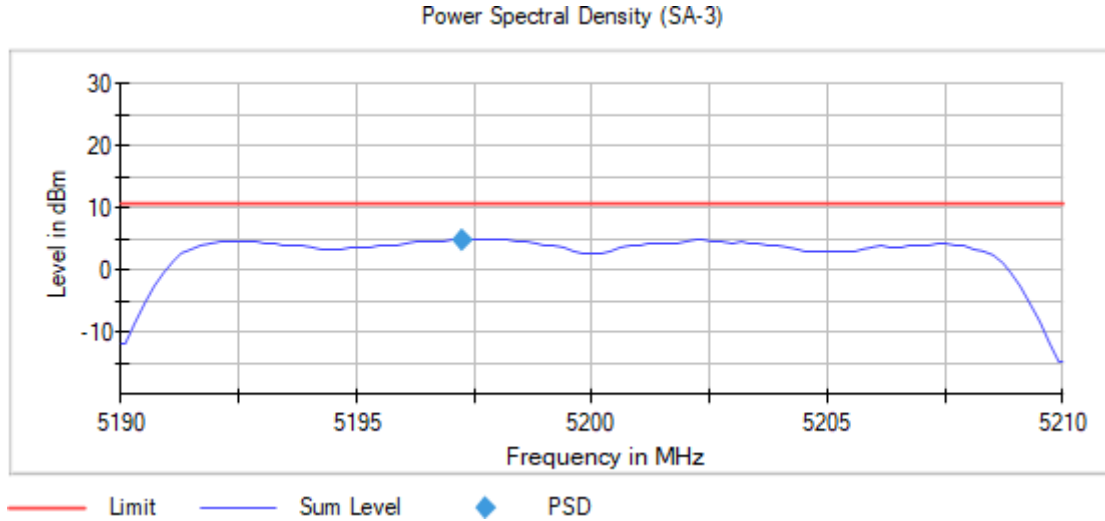


— Limit — Sum Level ◆ PSD



Operation Band MHz = [5150, 5850] Active Port = 1
Frequency MHz = 5200.00000 Modulation = 802.11ac VHT20 SS1 (OFDM MCS0)
TPC = No MIMO Mode = SISO

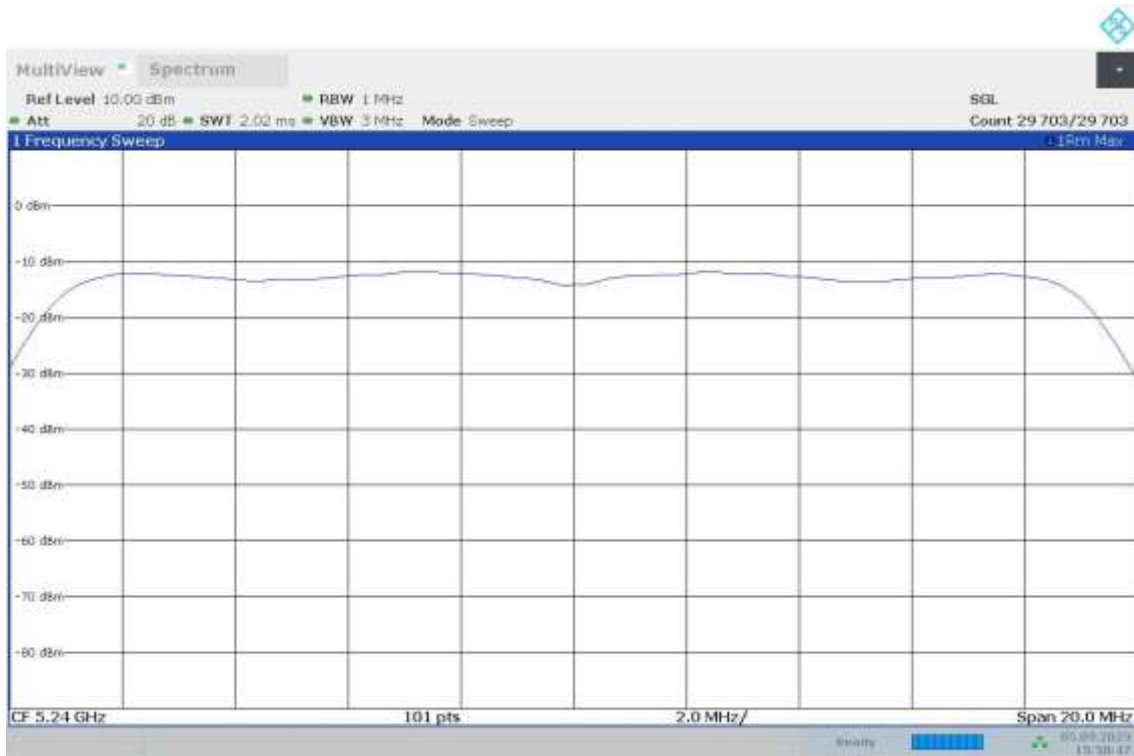
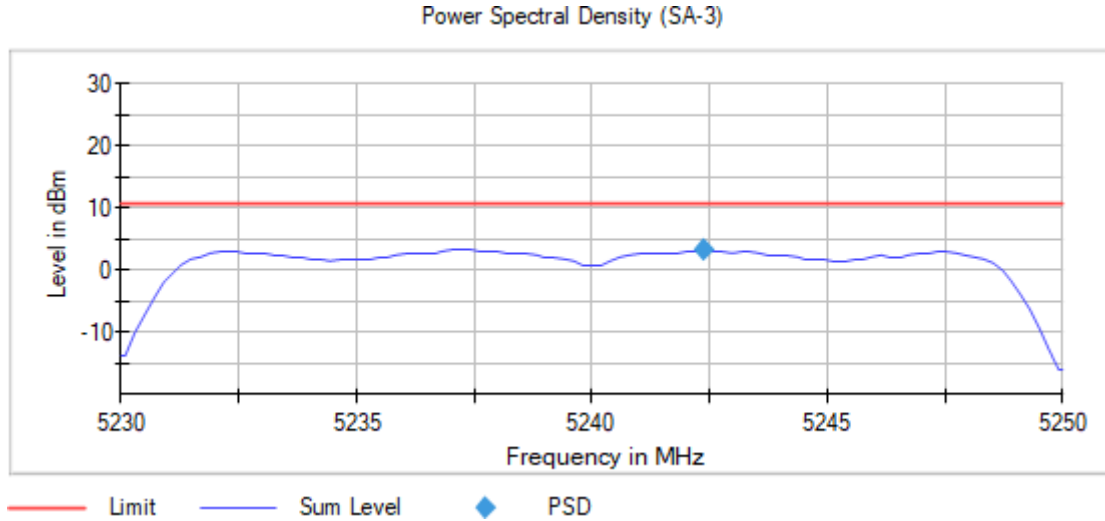
Images:



15:30:38 05.09.2023

Operation Band MHz = [5150, 5850] Active Port = 1
Frequency MHz = 5240.00000 Modulation = 802.11ac VHT20 SS1 (OFDM MCS0)
TPC = No MIMO Mode = SISO

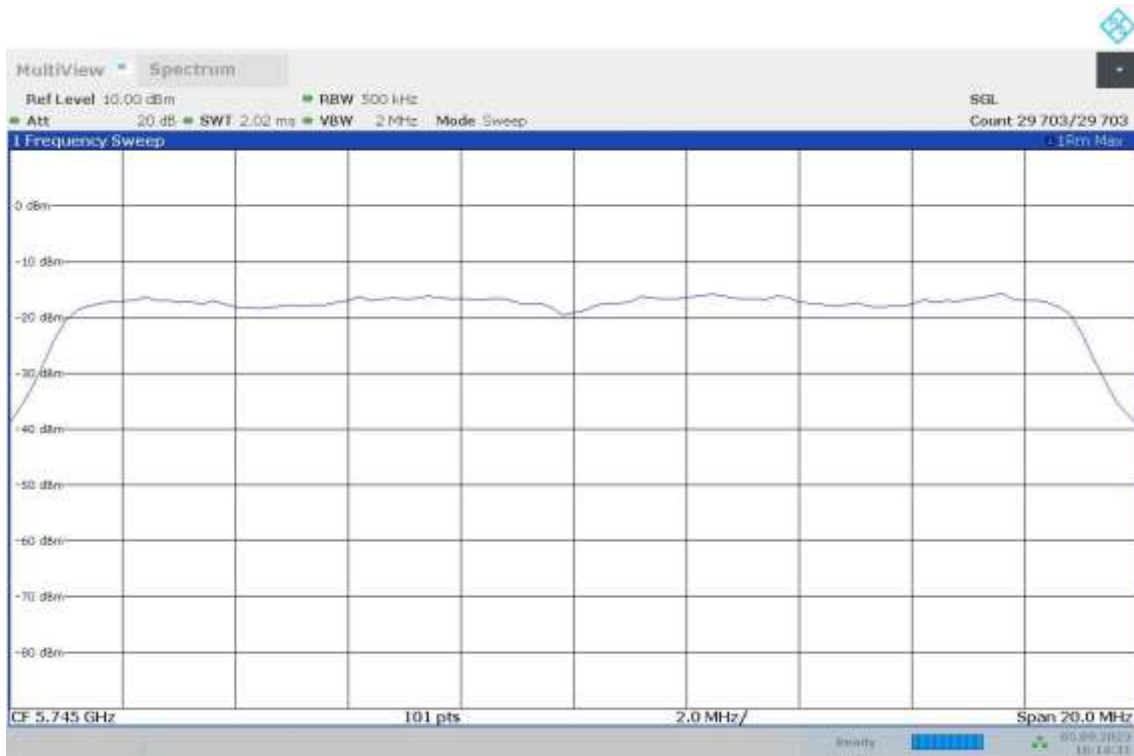
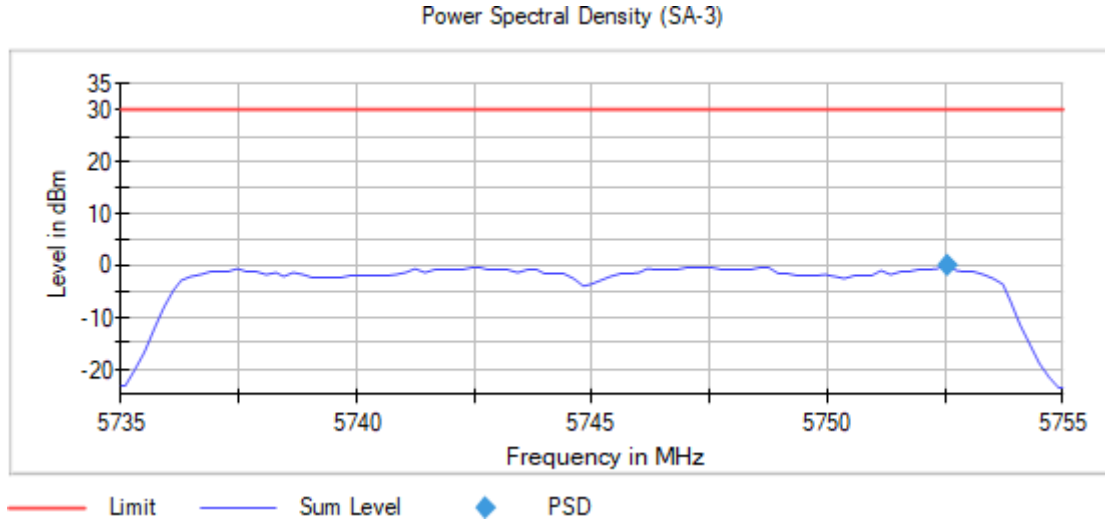
Images:



15:50:48 05.09.2023

Operation Band MHz = [5150, 5850] Active Port = 1
Frequency MHz = 5745.00000 Modulation = 802.11ac VHT20 SS1 (OFDM MCS0)
TPC = No MIMO Mode = SISO

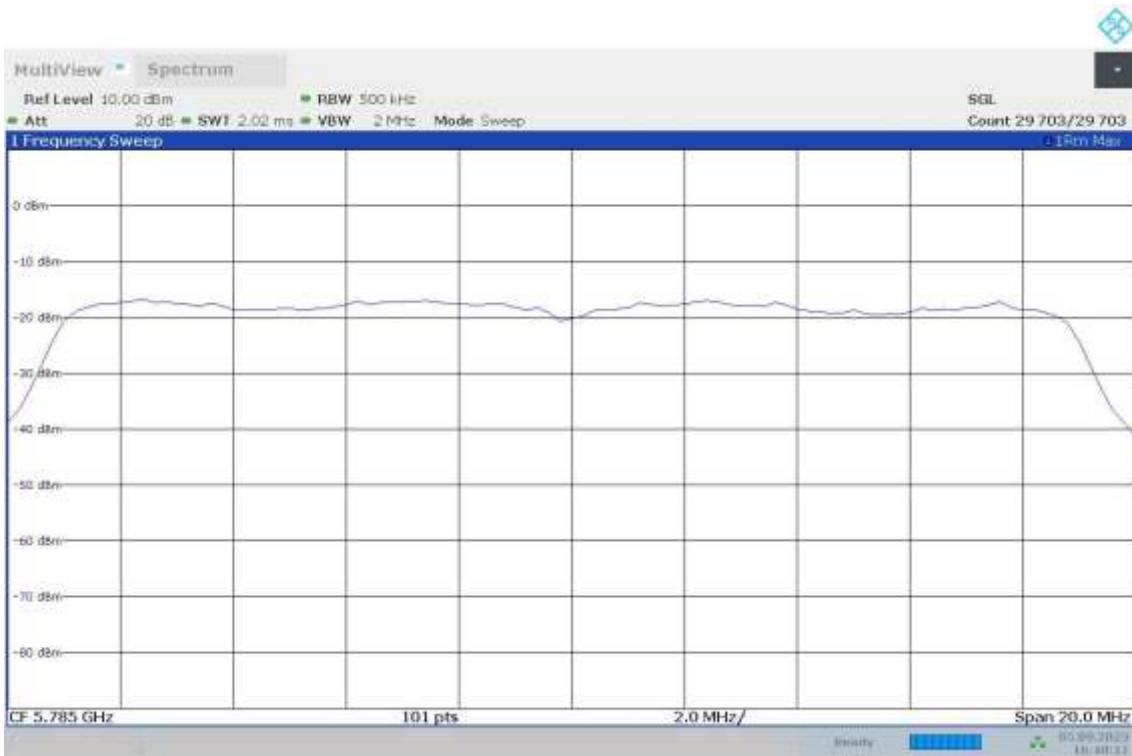
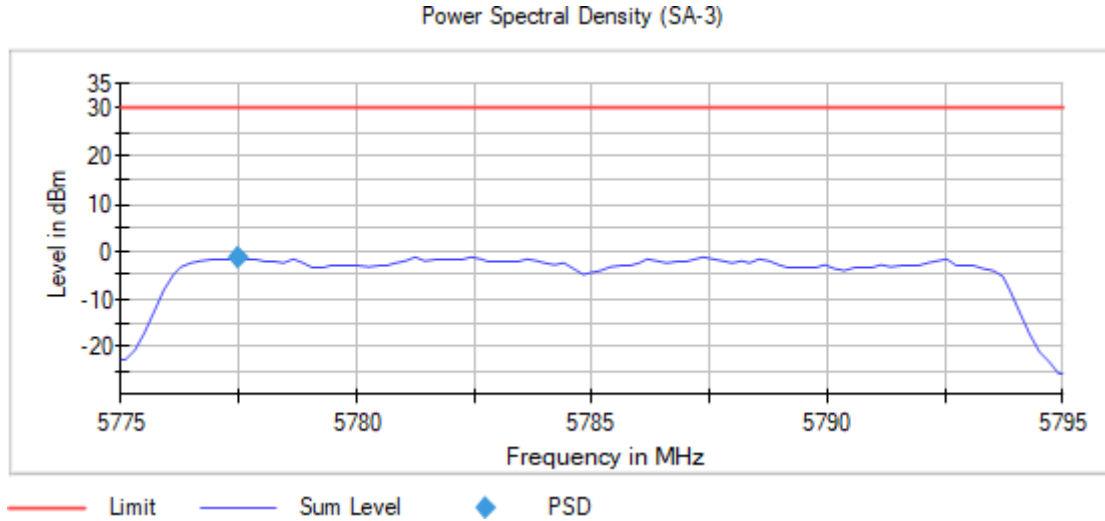
Images:



16:14:32 05.09.2023

Operation Band MHz = [5150, 5850] Active Port = 1
Frequency MHz = 5785.00000 Modulation = 802.11ac VHT20 SS1 (OFDM MCS0)
TPC = No MIMO Mode = SISO

Images:

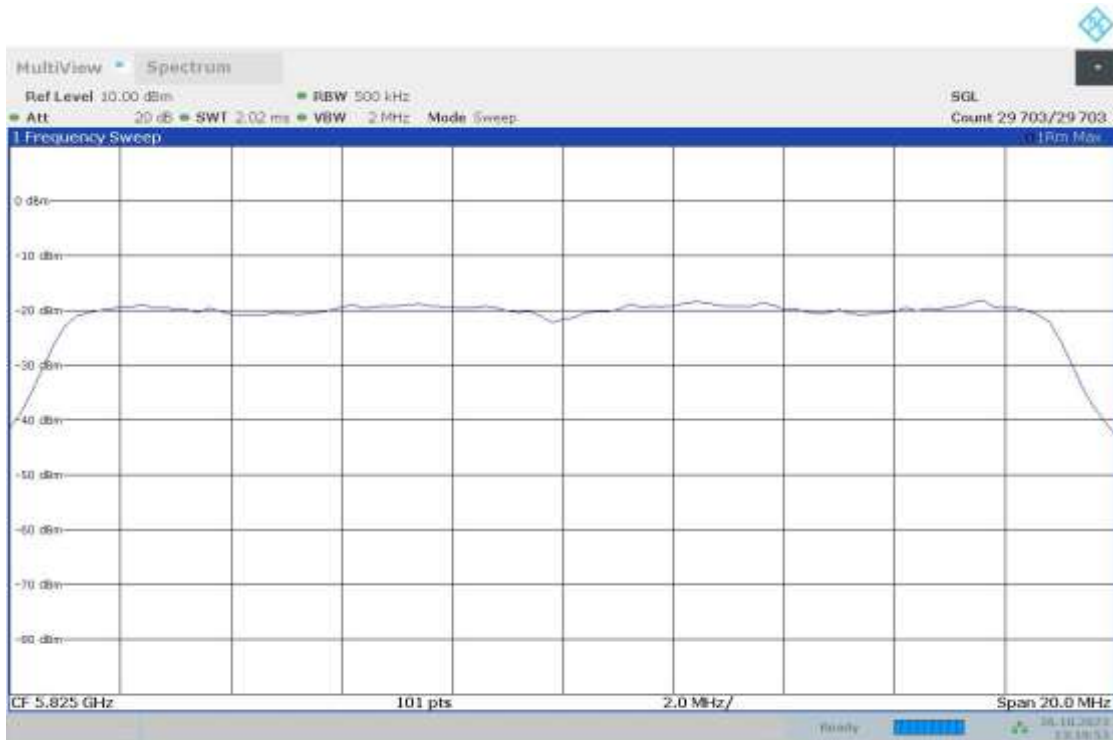
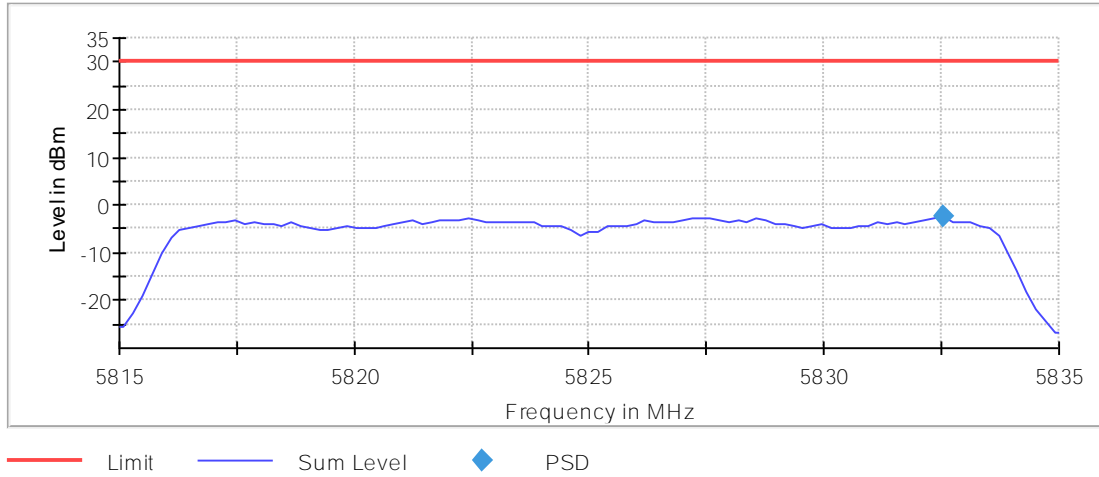


16:40:11 05.09.2023

Operation Band MHz = [5150, 5850] Active Port = 1
Frequency MHz = 5825.00000 Modulation = 802.11ac VHT20 SS1 (OFDM MCS0)
TPC = No MIMO Mode = SISO

Images:

Power Spectral Density (SA-3)



Modulation: 802.11ax HE20 SS1 (OFDMA MCS0)

MIMO Mode: SISO

Results

| Operation Band (MHz) | Port | Freq (MHz) | Marker Freq (MHz) | PSD (dBm) |
|----------------------|------|------------|-------------------|-----------|
| [5150, 5850] | 1 | 5180.00000 | 5182.376238 | 5.62 |
| | | 5200.00000 | 5197.623762 | 5.47 |
| | | 5240.00000 | 5237.623762 | 3.99 |
| | | 5745.00000 | 5747.376238 | 0.34 |
| | | 5785.00000 | 5787.376238 | -0.54 |
| | | 5825.00000 | 5827.376238 | -1.63 |

Verdict

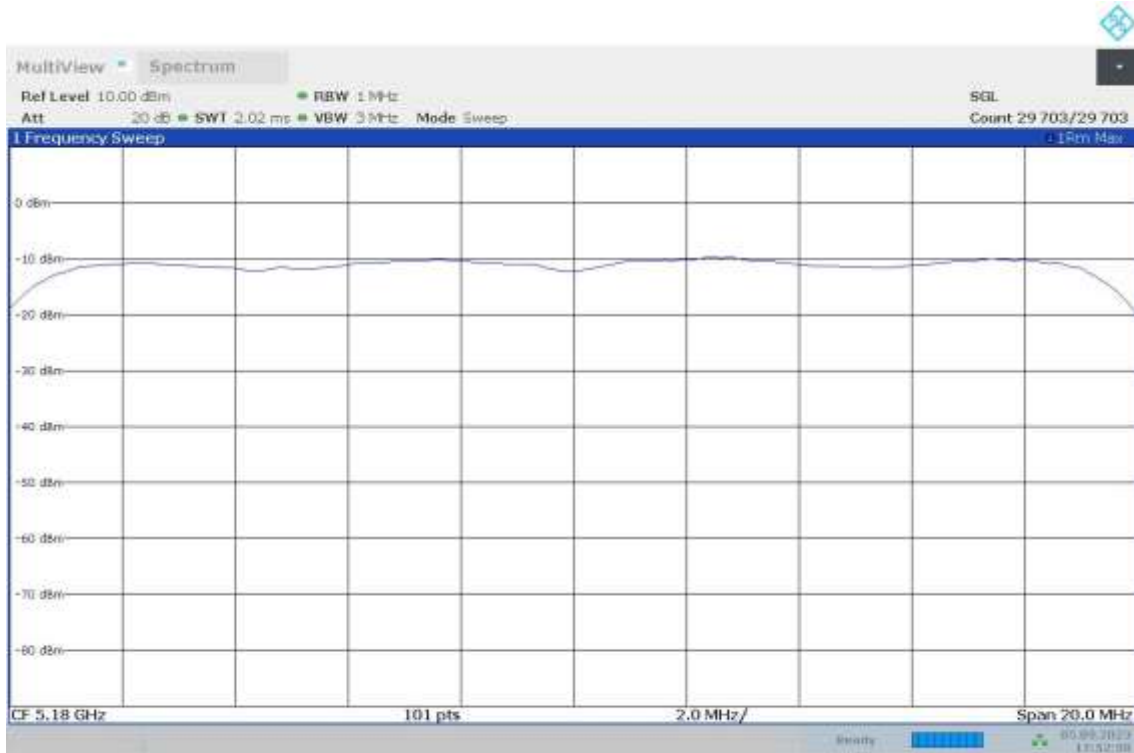
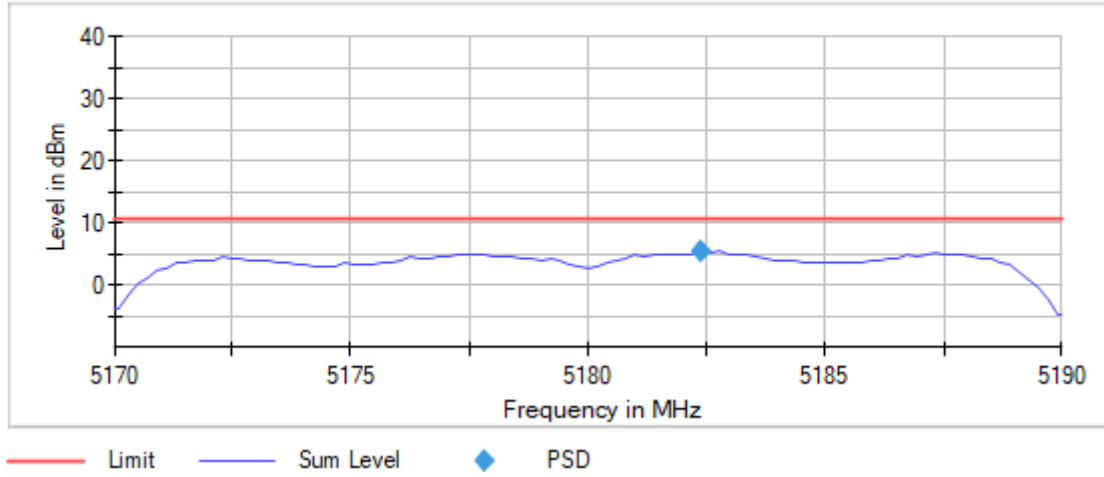
Pass

Attachments

Operation Band MHz = [5150, 5850] Active Port = 1
Frequency MHz = 5180.00000 Modulation = 802.11ax HE20 SS1 (OFDMA MCS0)
TPC = No MIMO Mode = SISO

Images:

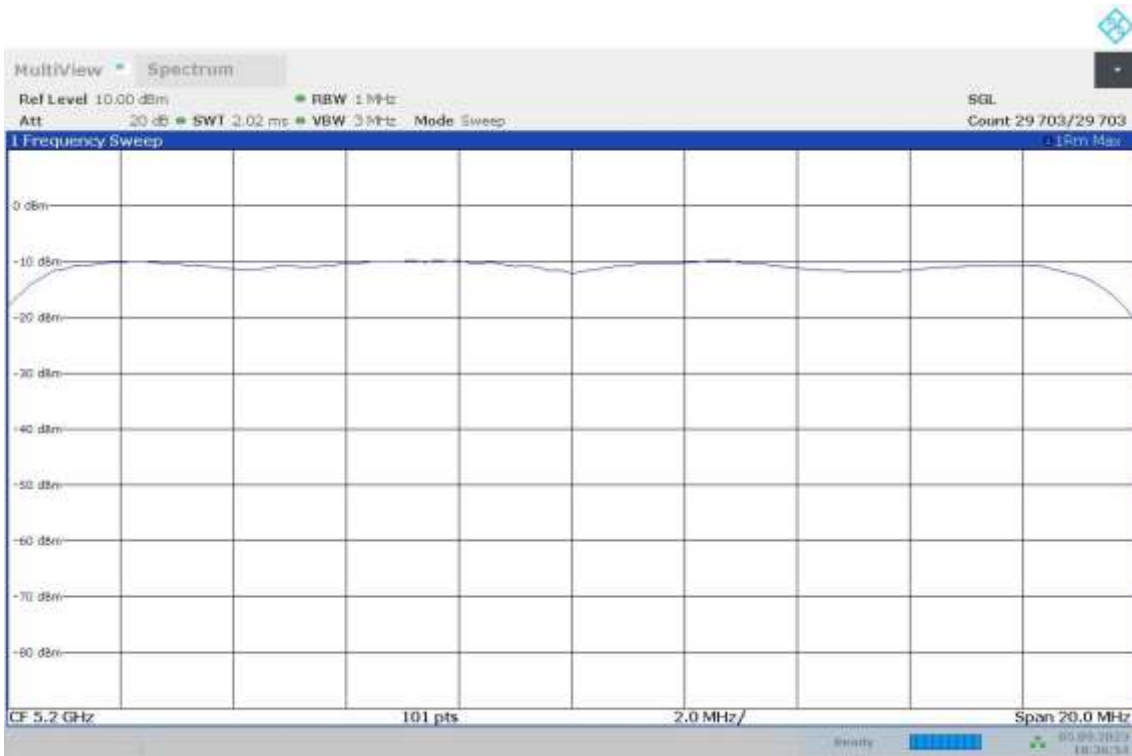
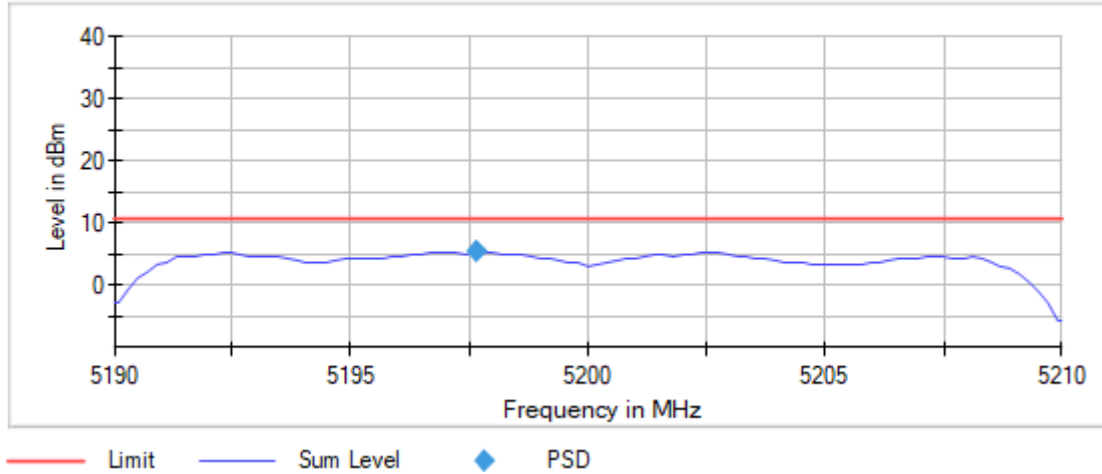
Power Spectral Density (SA-3)



Operation Band MHz = [5150, 5850] Active Port = 1
Frequency MHz = 5200.00000 Modulation = 802.11ax HE20 SS1 (OFDMA MCS0)
TPC = No MIMO Mode = SISO

Images:

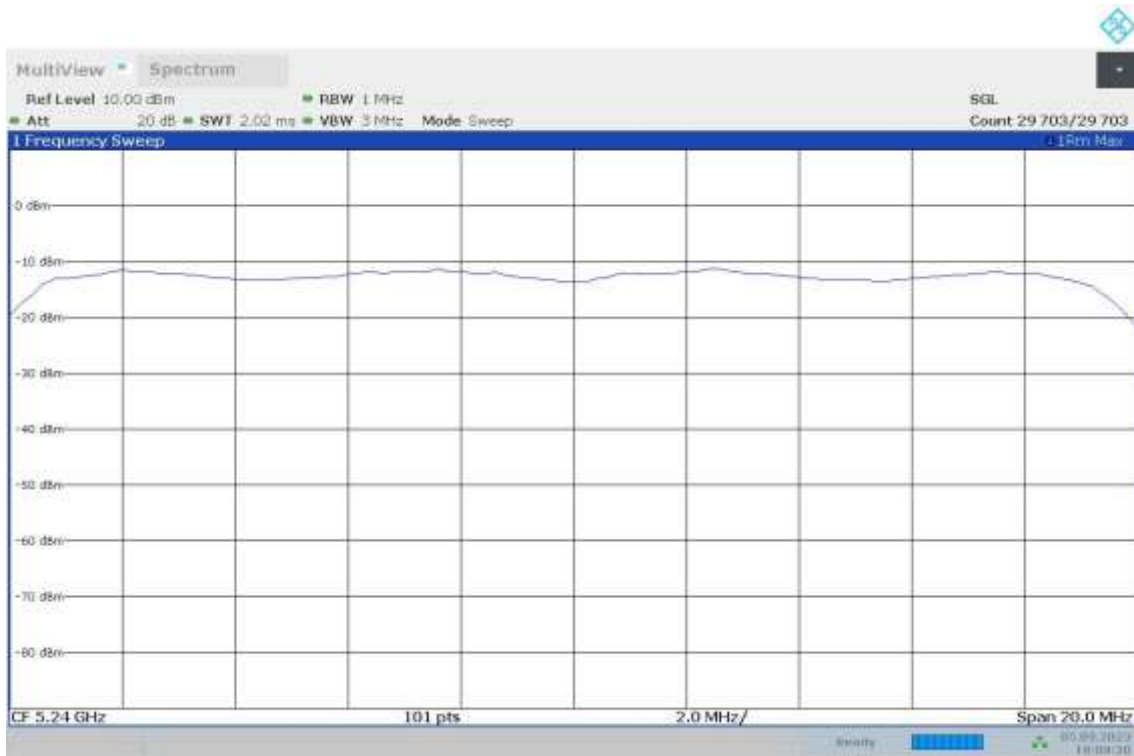
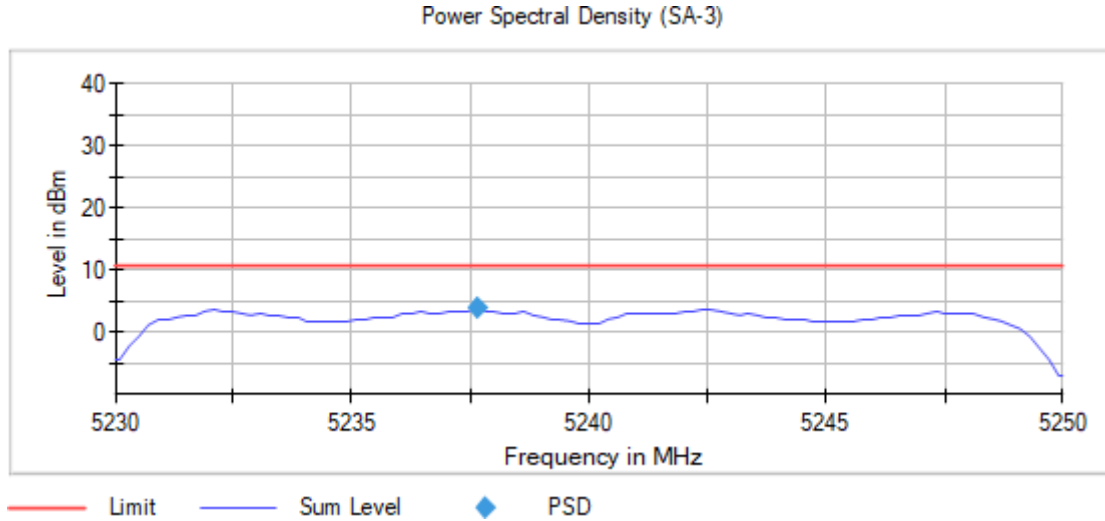
Power Spectral Density (SA-3)



18:36:55 05.09.2023

Operation Band MHz = [5150, 5850] Active Port = 1
Frequency MHz = 5240.00000 Modulation = 802.11ax HE20 SS1 (OFDMA MCS0)
TPC = No MIMO Mode = SISO

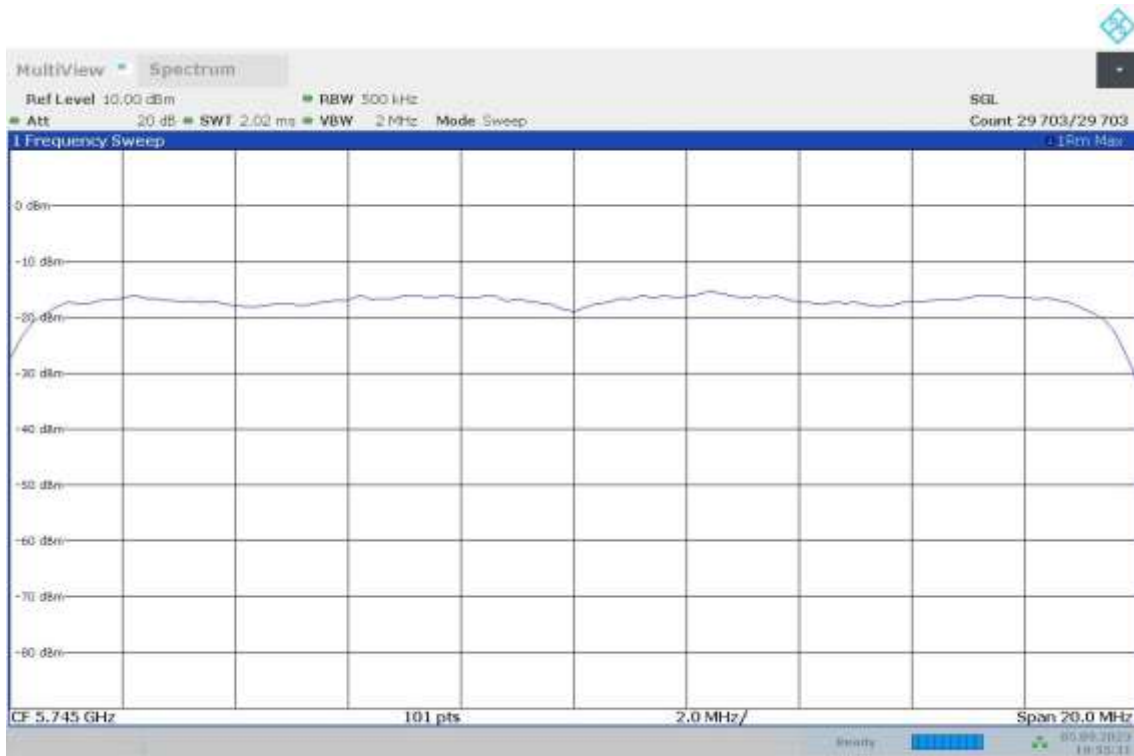
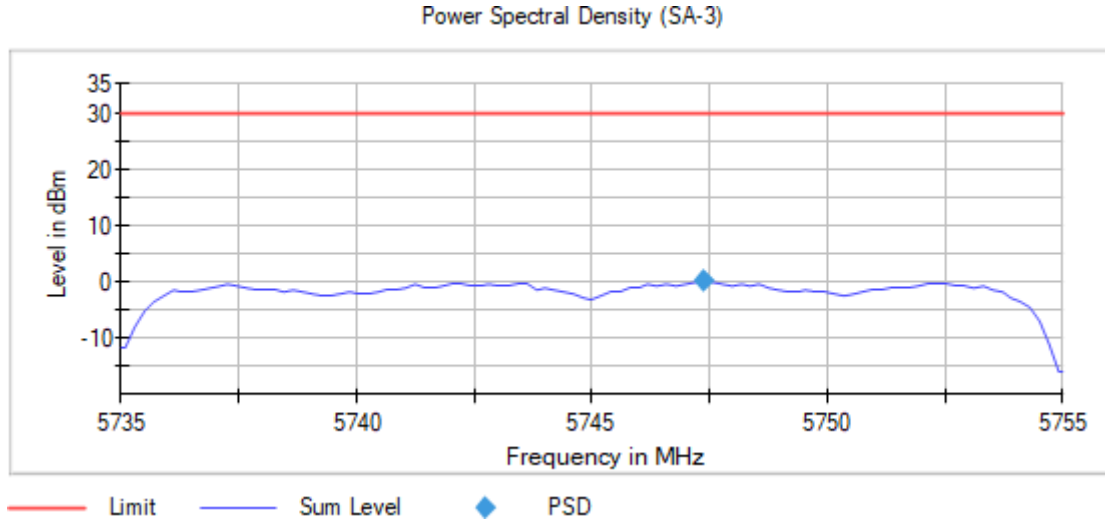
Images:



19:09:20 05.09.2023

Operation Band MHz = [5150, 5850] Active Port = 1
Frequency MHz = 5745.00000 Modulation = 802.11ax HE20 SS1 (OFDMA MCS0)
TPC = No MIMO Mode = SISO

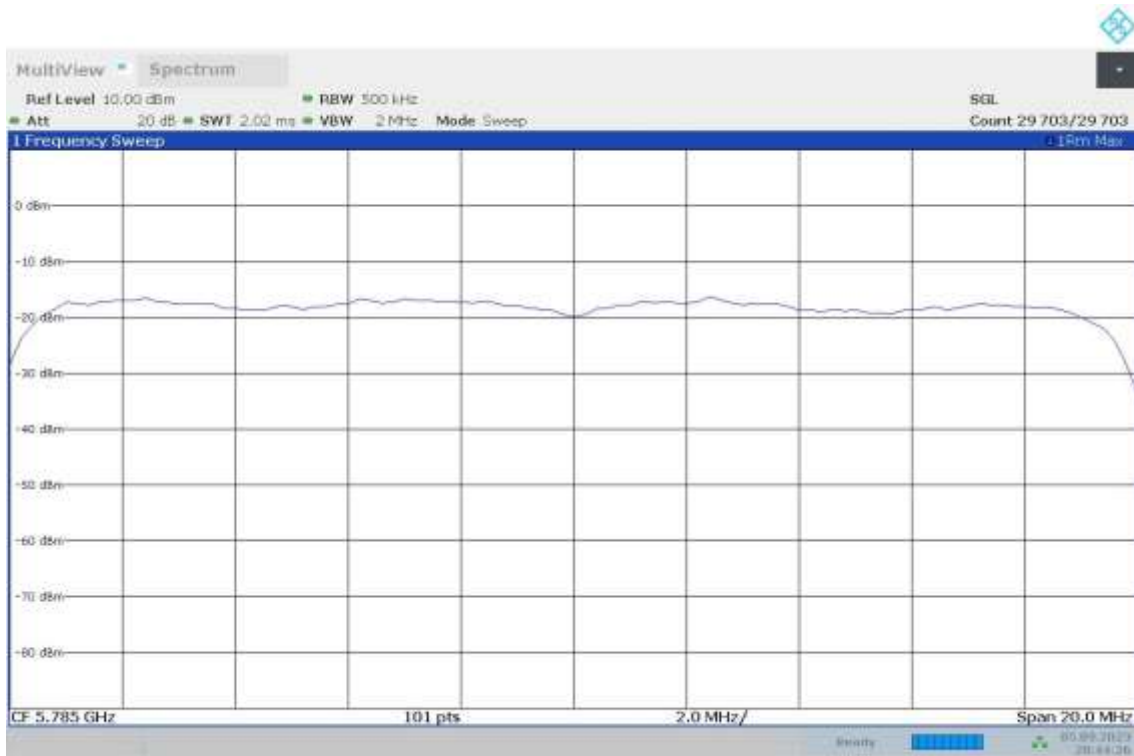
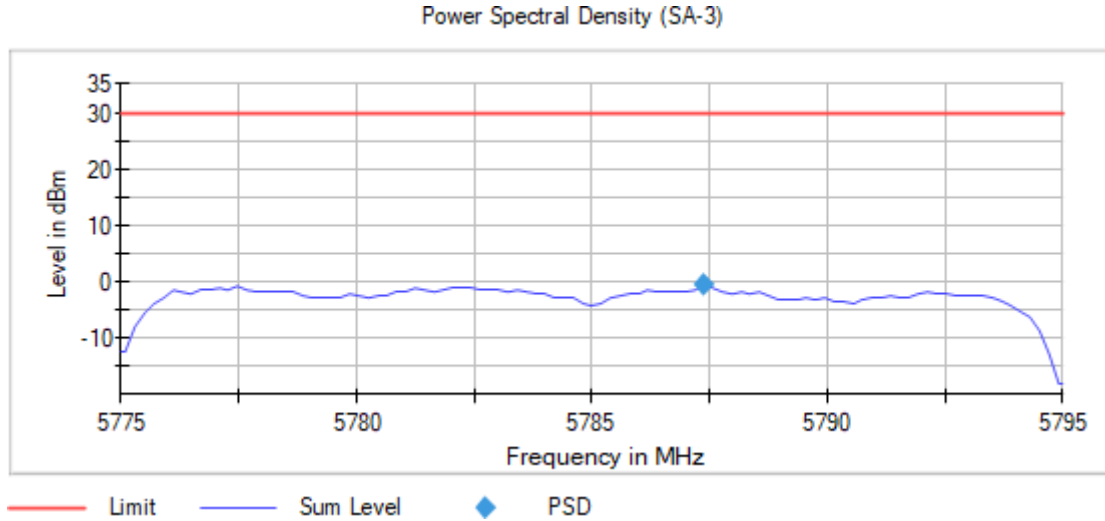
Images:



19:55:32 05.09.2023

Operation Band MHz = [5150, 5850] Active Port = 1
Frequency MHz = 5785.00000 Modulation = 802.11ax HE20 SS1 (OFDMA MCS0)
TPC = No MIMO Mode = SISO

Images:

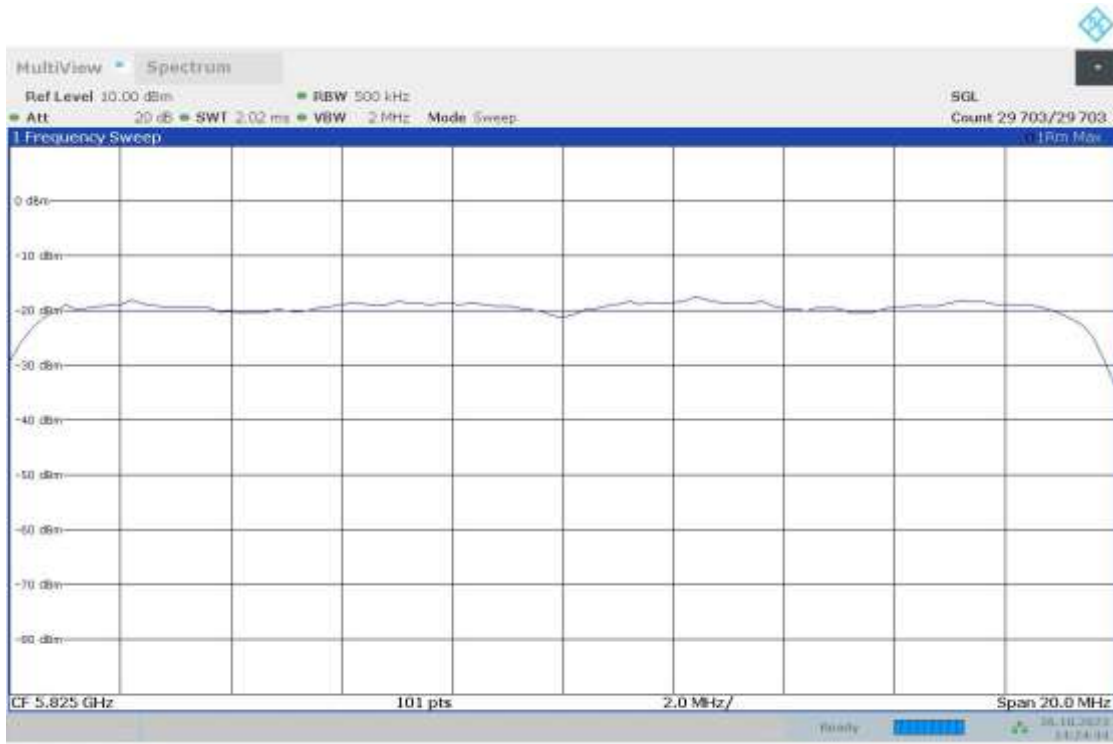
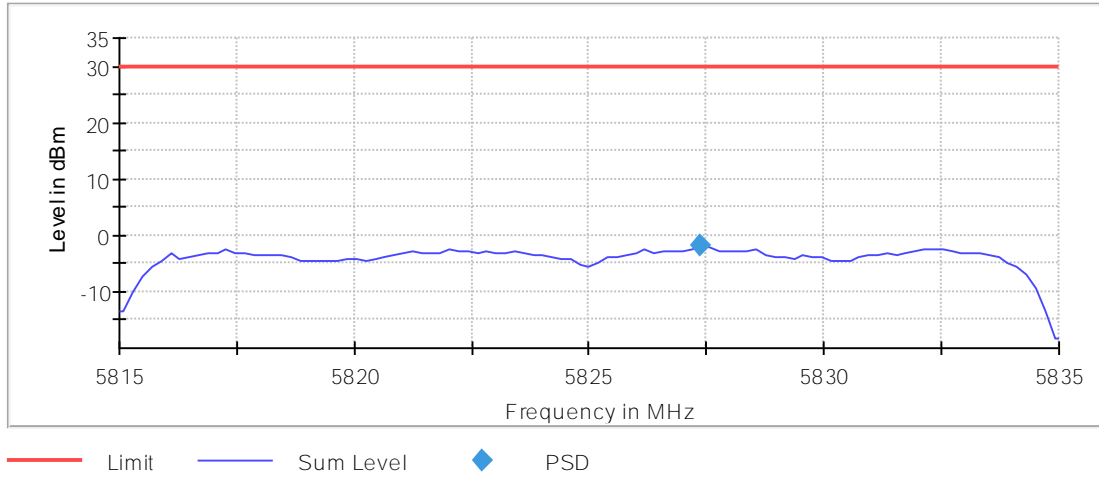


20:44:27 05.09.2023

Operation Band MHz = [5150, 5850] Active Port = 1
Frequency MHz = 5825.00000 Modulation = 802.11ax HE20 SS1 (OFDMA MCS0)
TPC = No MIMO Mode = SISO

Images:

Power Spectral Density (SA-3)



Modulation: 802.11ac VHT40 SS1 (OFDM MCS0)

MIMO Mode: SISO

Results

| Operation Band (MHz) | Port | Freq (MHz) | Marker Freq (MHz) | PSD (dBm) |
|----------------------|------|------------|-------------------|-----------|
| [5150, 5850] | 1 | 5190.00000 | 5185.247525 | 1.96 |
| | | 5230.00000 | 5213.762376 | 1.48 |
| | | 5755.00000 | 5738.875000 | -1.57 |
| | | 5795.00000 | 5778.875000 | -2.82 |

Verdict

Pass