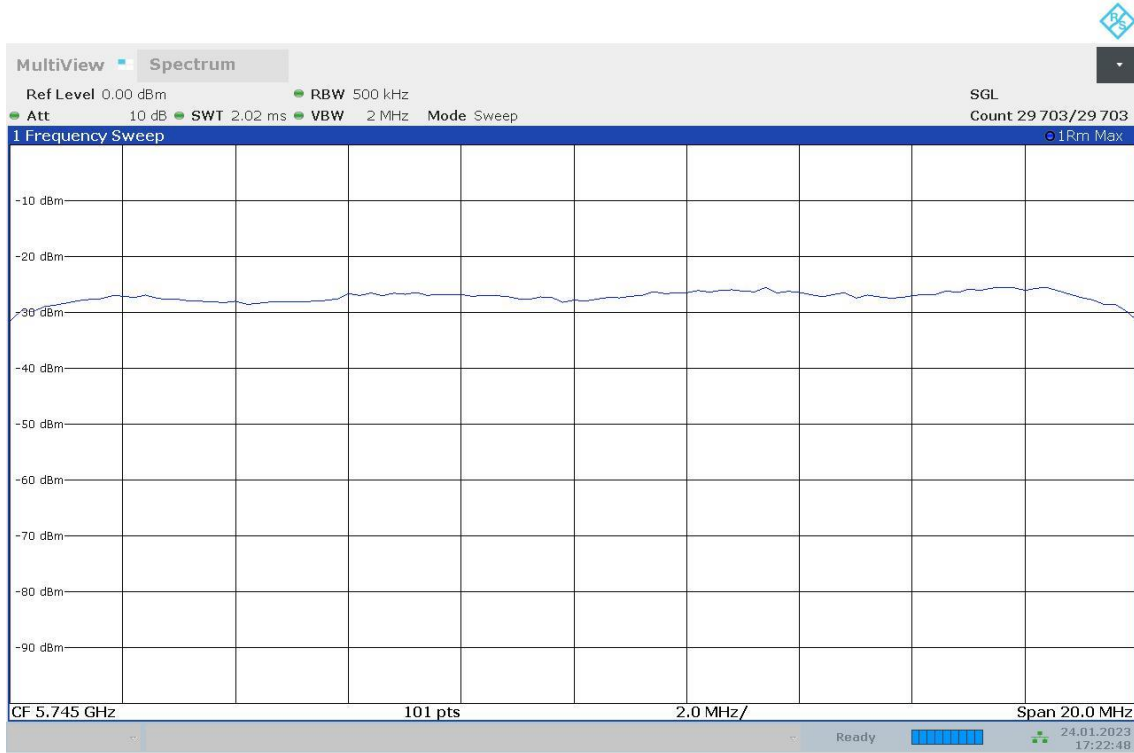


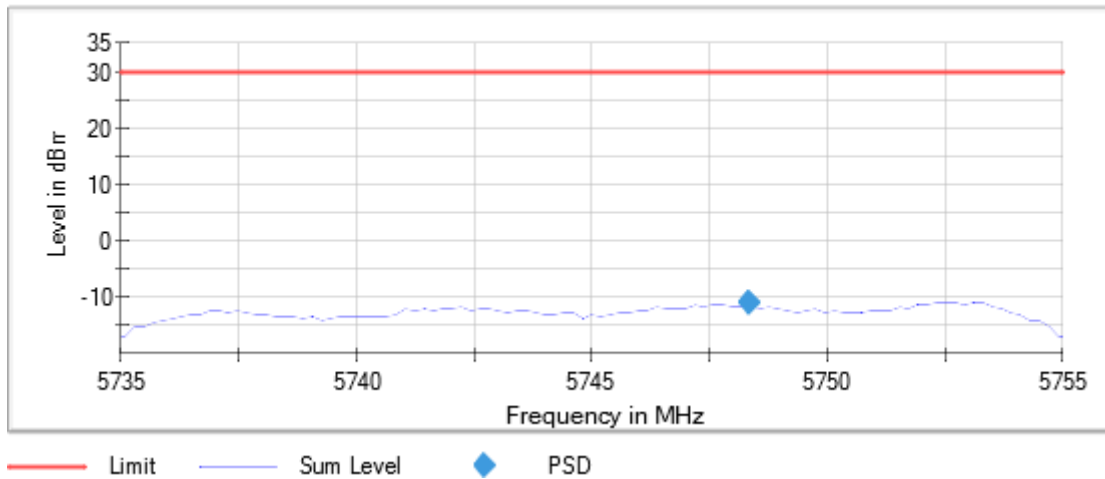
Frequency MHz = 5745.00000 Modulation = 802.11ax HE20 (OFDMA MCS8)
TPC = No Mode = SISO
Number of Transmission Chains = 1

Images:



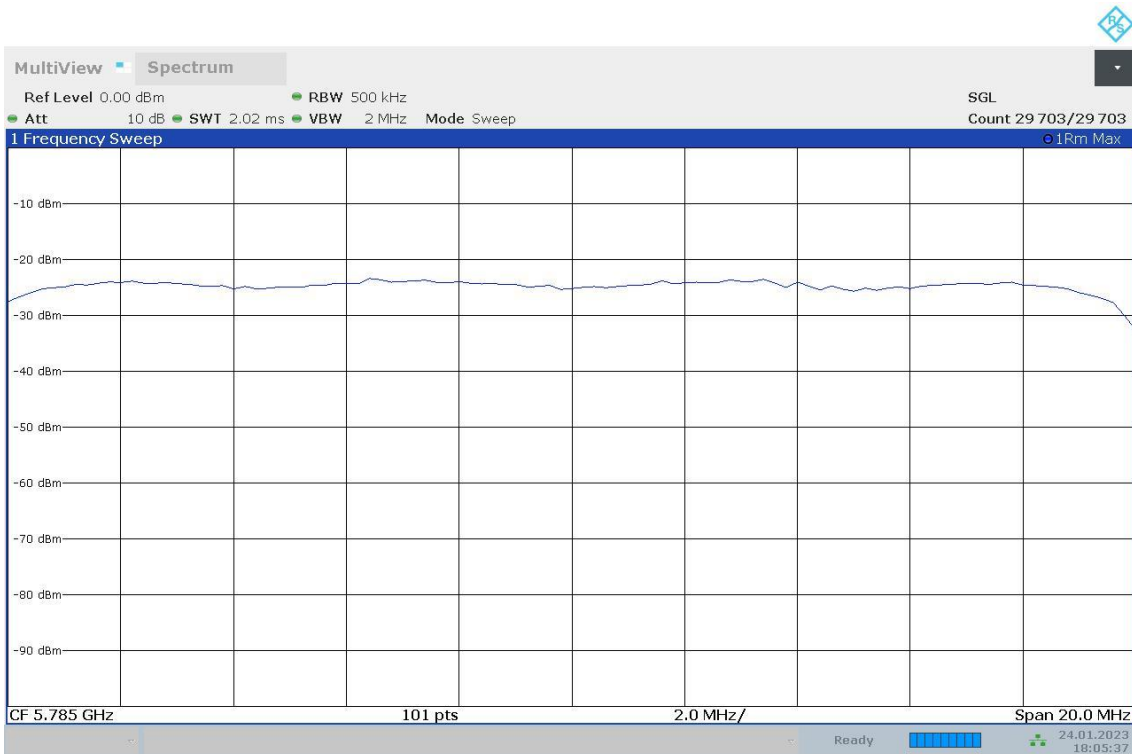
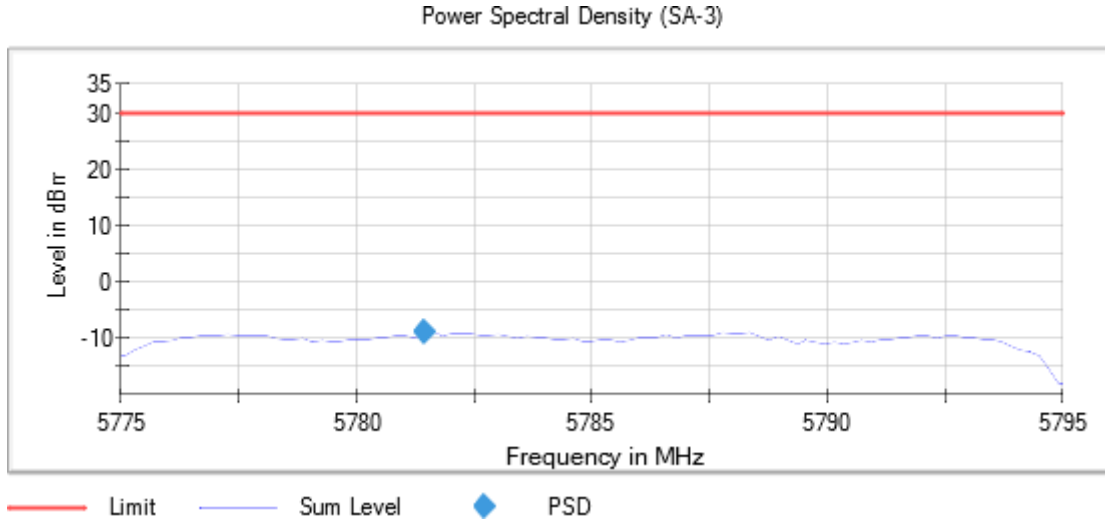
17:22:49 24.01.2023

Power Spectral Density (SA-3)



Frequency MHz = 5785.00000 Modulation = 802.11ax HE20 (OFDMA MCS8)
TPC = No Mode = SISO
Number of Transmission Chains = 1

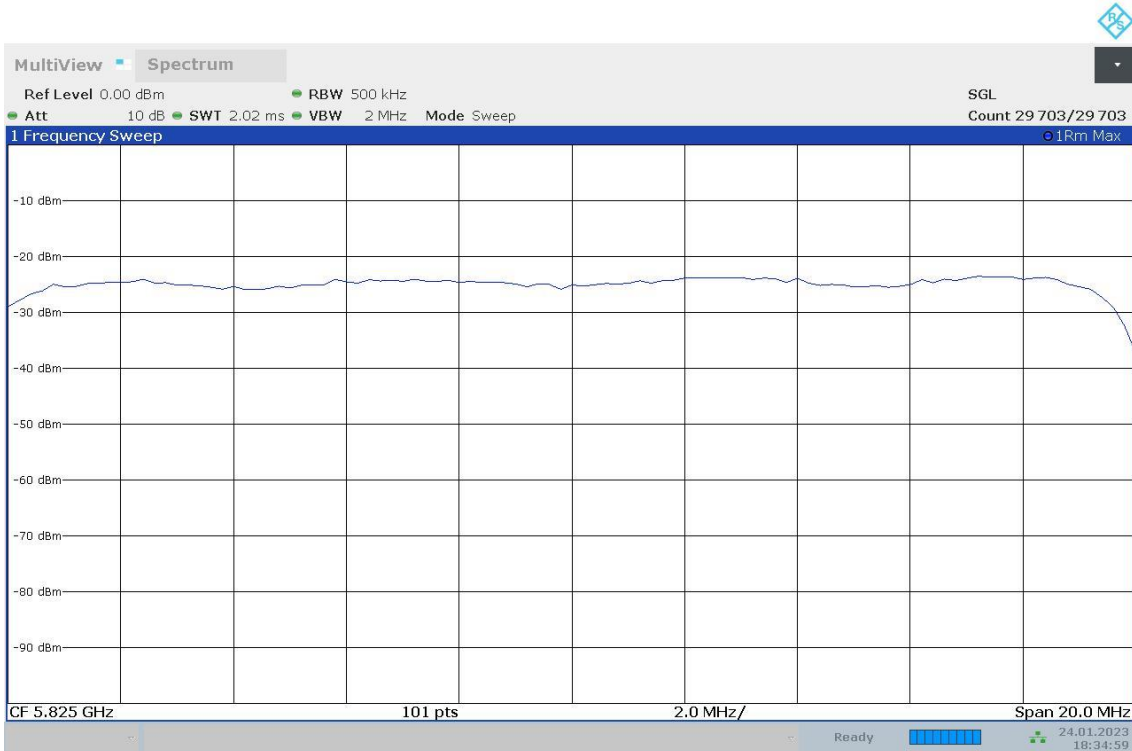
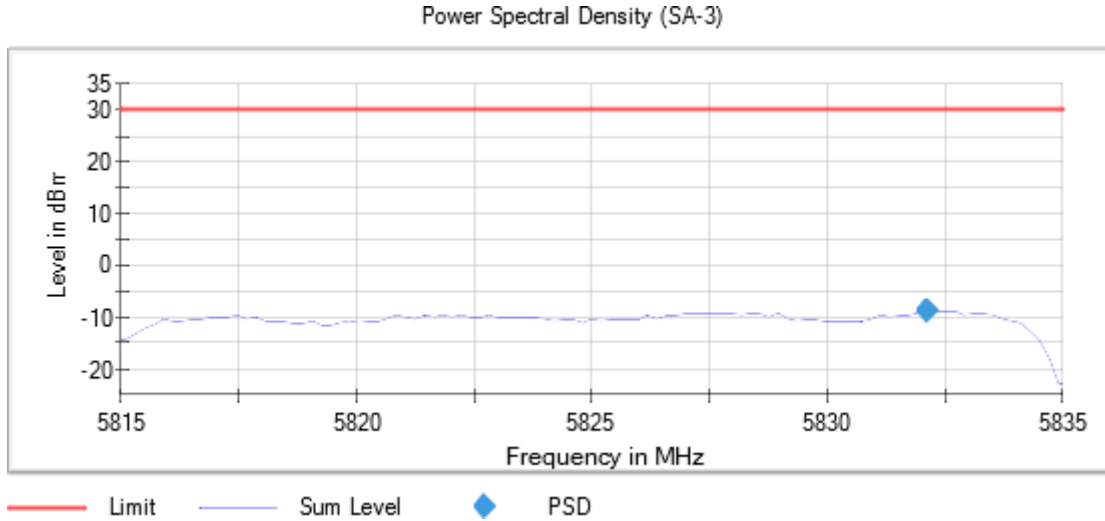
Images:



18:05:38 24.01.2023

Frequency MHz = 5825.00000 Modulation = 802.11ax HE20 (OFDMA MCS8)
TPC = No Mode = SISO
Number of Transmission Chains = 1

Images:



18:35:00 24.01.2023

Mode: SISO

Modulation: 802.11ax HE20 SS1 (OFDMA MCS8) – Partial RU

Results

| Freq (MHz) | Marker Freq (MHz) | PSD (dBm) |
|------------|-------------------|-----------|
| 5180.00000 | 5171.683168 | 1.34 |
| 5200.00000 | 5191.287129 | 2.05 |
| 5240.00000 | 5231.881188 | 1.99 |
| 5260.00000 | 5251.881188 | 0.48 |
| 5280.00000 | 5271.485149 | 0.98 |
| 5320.00000 | 5311.485149 | 0.01 |
| 5500.00000 | 5492.079208 | -0.28 |
| 5580.00000 | 5571.287129 | 0.60 |
| 5700.00000 | 5691.881188 | 1.18 |
| 5745.00000 | 5752.920792 | -3.17 |
| 5785.00000 | 5777.079208 | -0.82 |
| 5825.00000 | 5817.475248 | -1.21 |

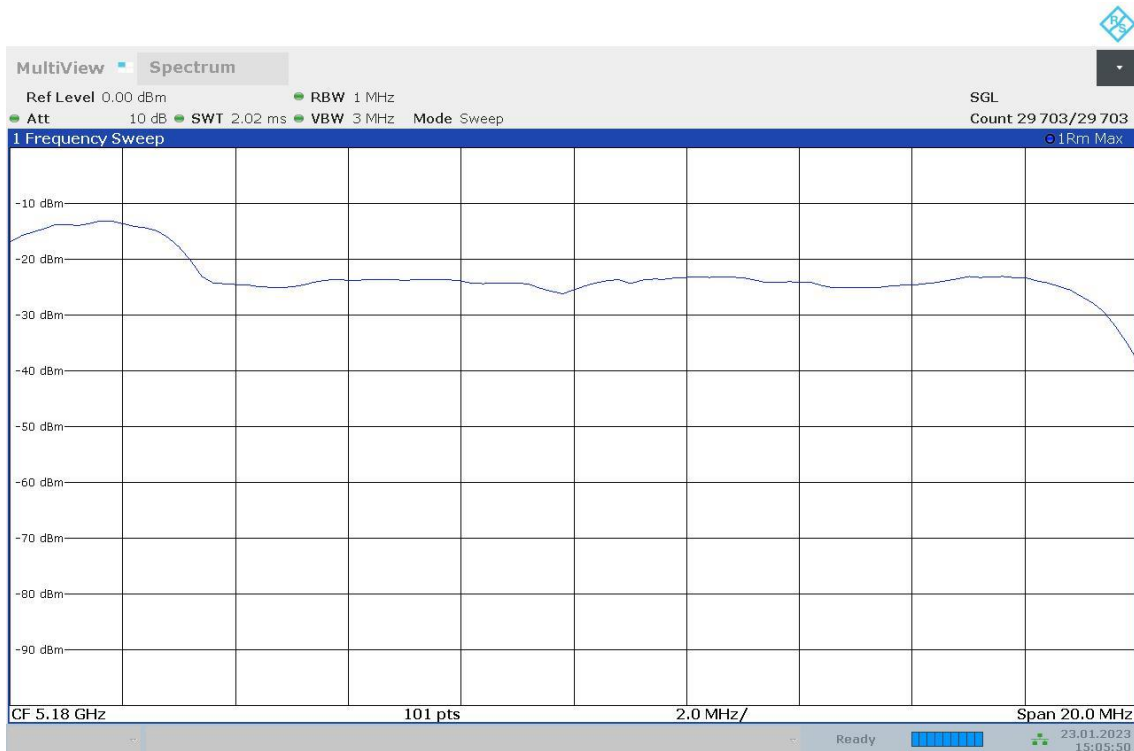
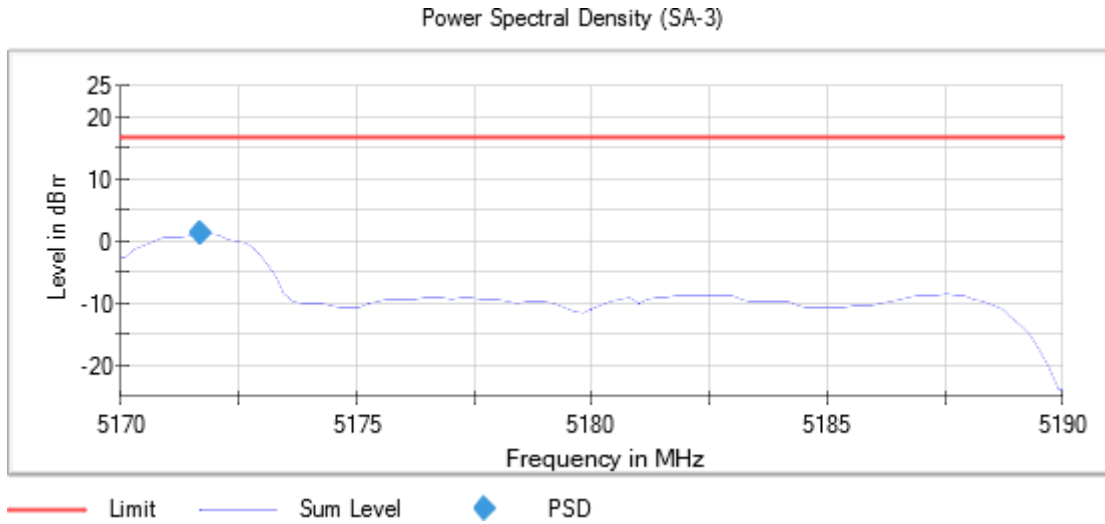
Verdict

Pass

Attachments

Frequency MHz = 5180.00000 Modulation = 802.11ax HE20 SS1 (OFDMA MCS8)
TPC = No Mode = SISO
Number of Transmission Chains = 1

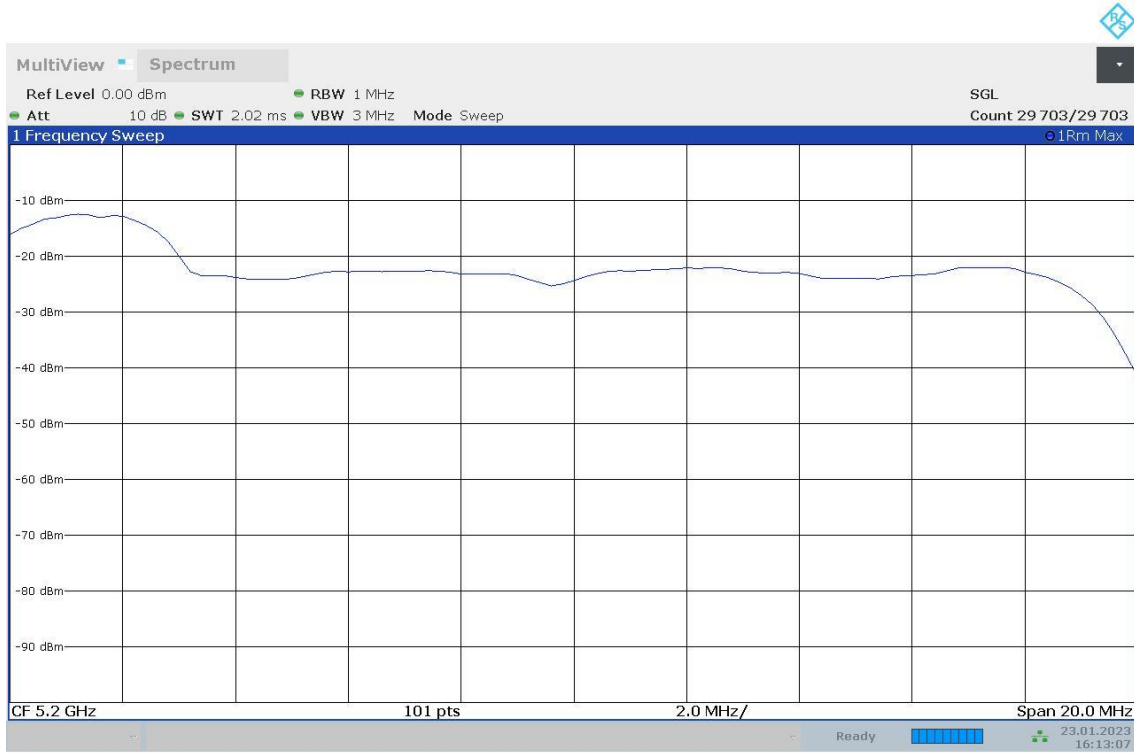
Images:



15:05:51 23.01.2023

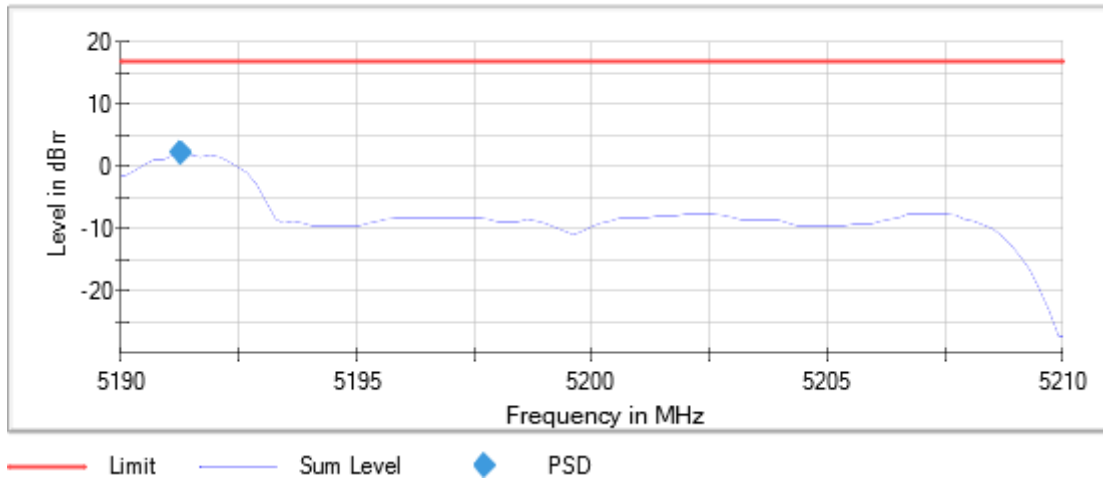
Frequency MHz = 5200.00000 Modulation = 802.11ax HE20 SS1 (OFDMA MCS8)
 TPC = No Mode = SISO
 Number of Transmission Chains = 1

Images:



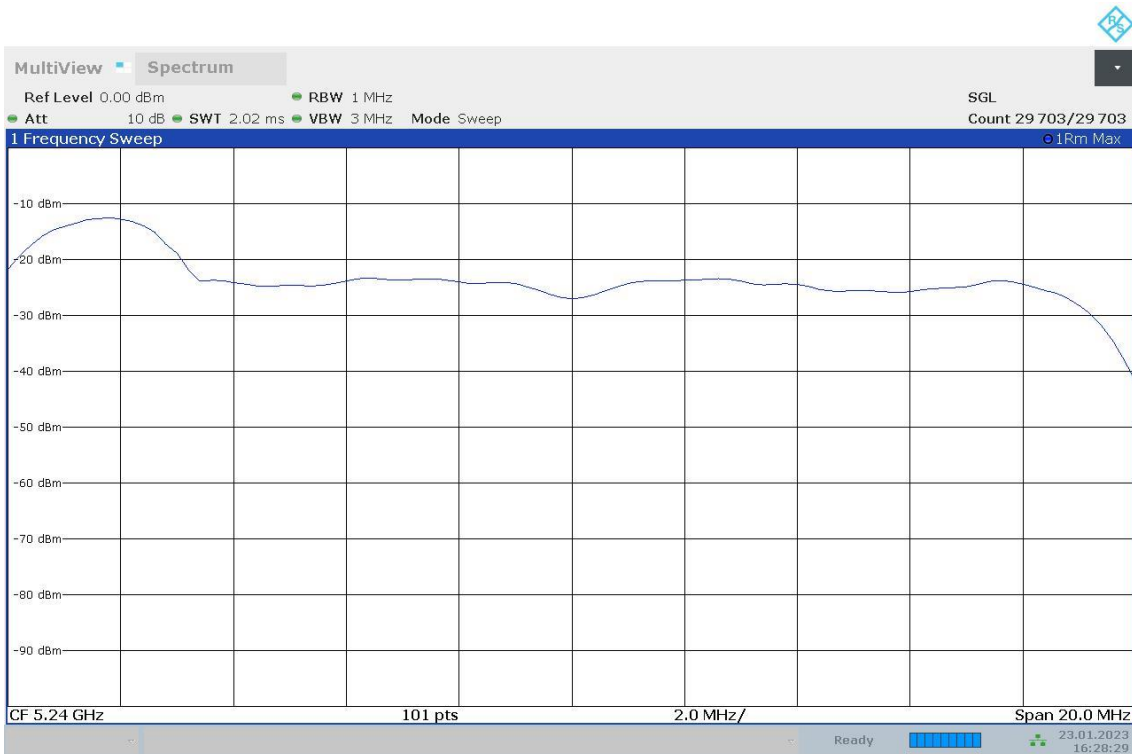
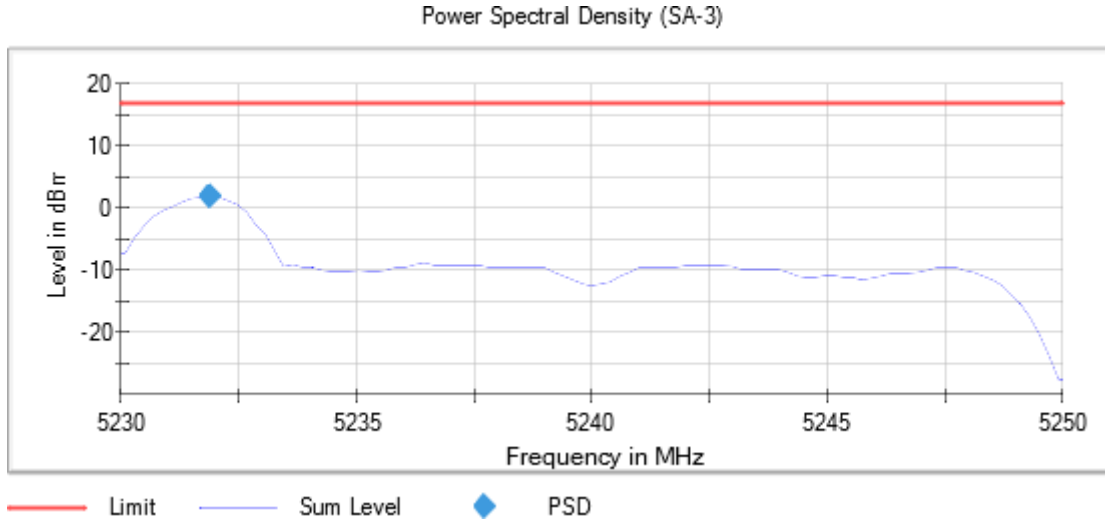
16:13:08 23.01.2023

Power Spectral Density (SA-3)



Frequency MHz = 5240.00000 Modulation = 802.11ax HE20 SS1 (OFDMA MCS8)
TPC = No Mode = SISO
Number of Transmission Chains = 1

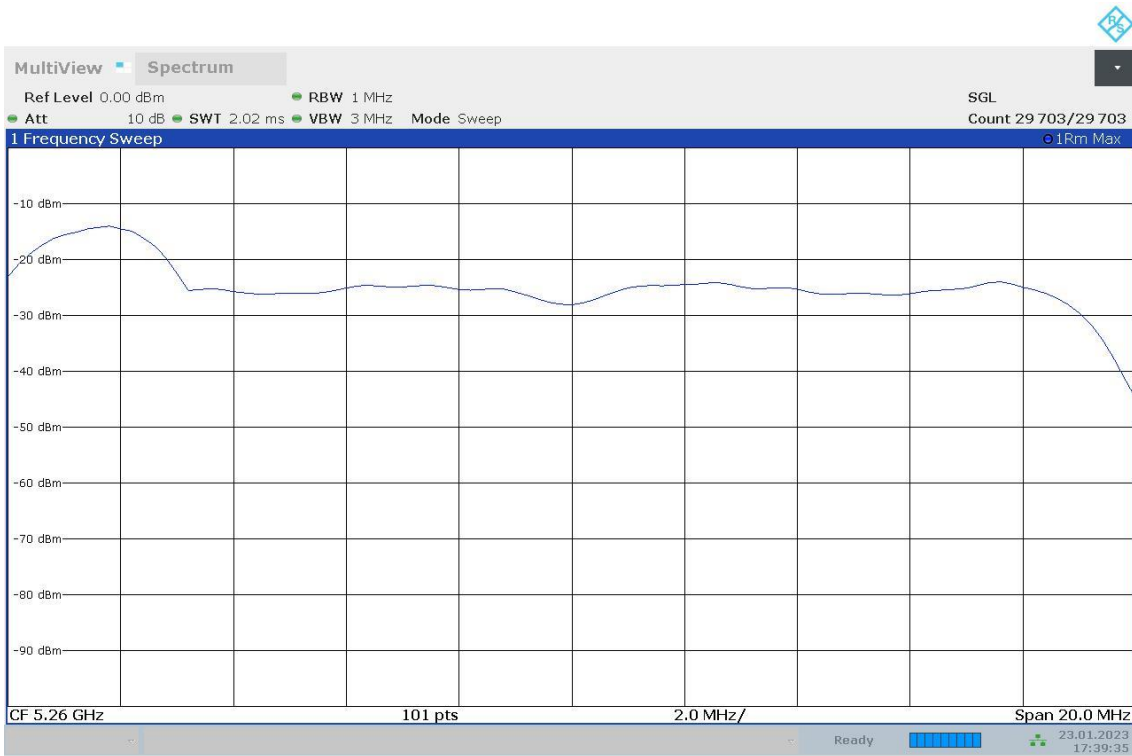
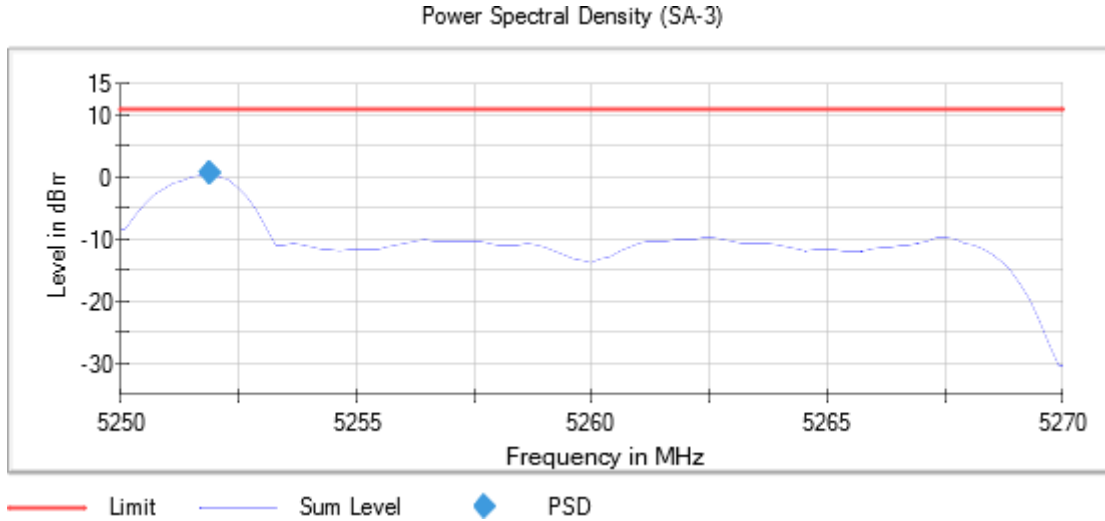
Images:



16:28:29 23.01.2023

Frequency MHz = 5260.00000 Modulation = 802.11ax HE20 SS1 (OFDMA MCS8)
TPC = No Mode = SISO
Number of Transmission Chains = 1

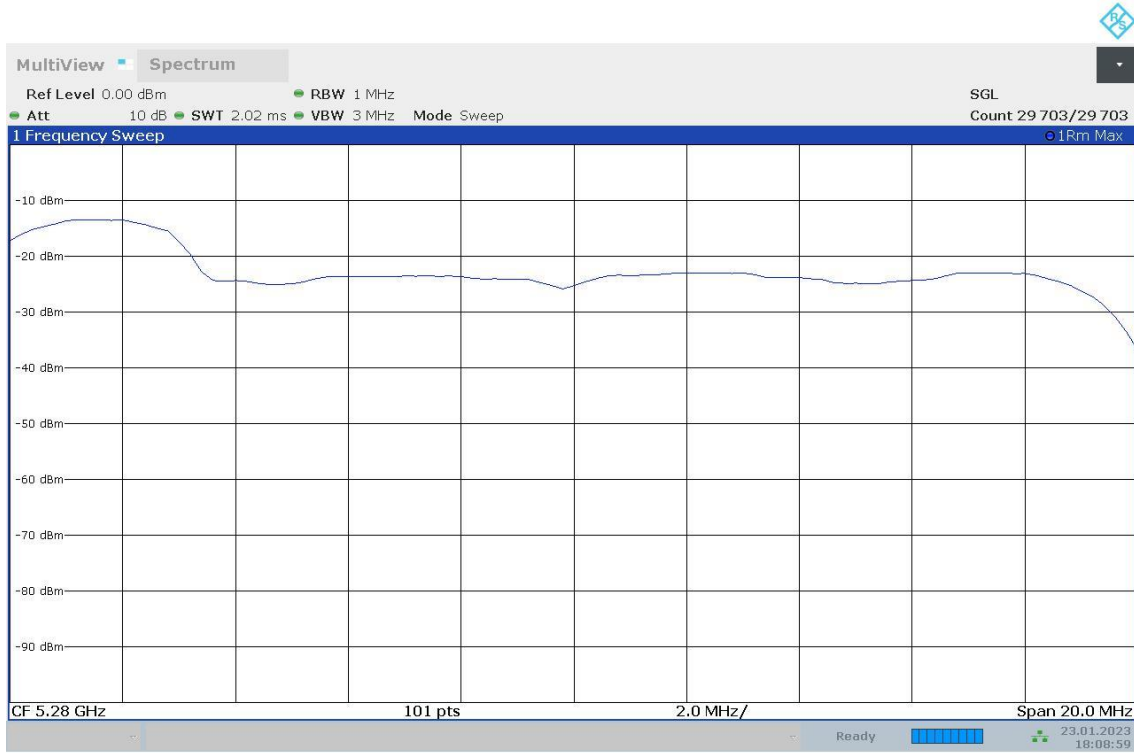
Images:



17:39:36 23.01.2023

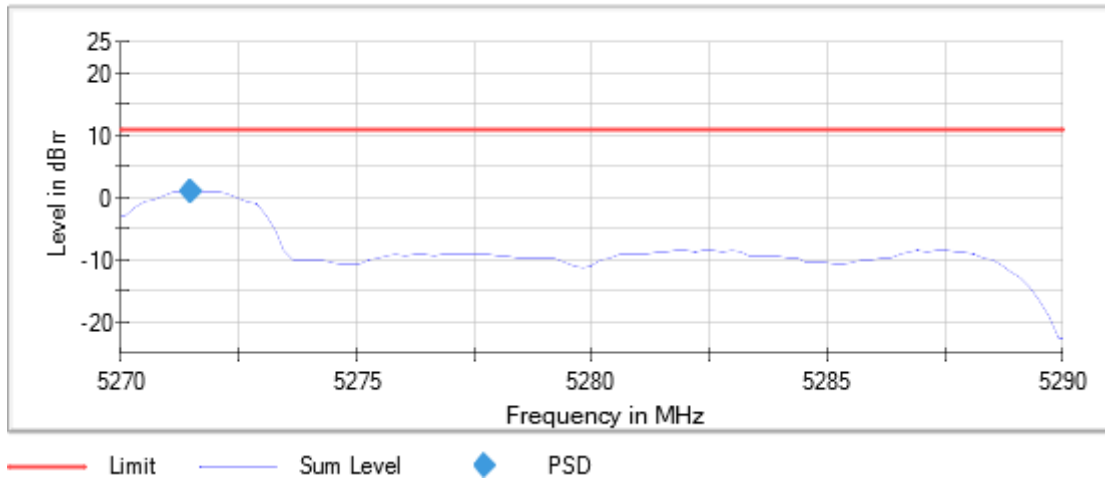
Frequency MHz = 5280.00000 Modulation = 802.11ax HE20 SS1 (OFDMA MCS8)
 TPC = No Mode = SISO
 Number of Transmission Chains = 1

Images:



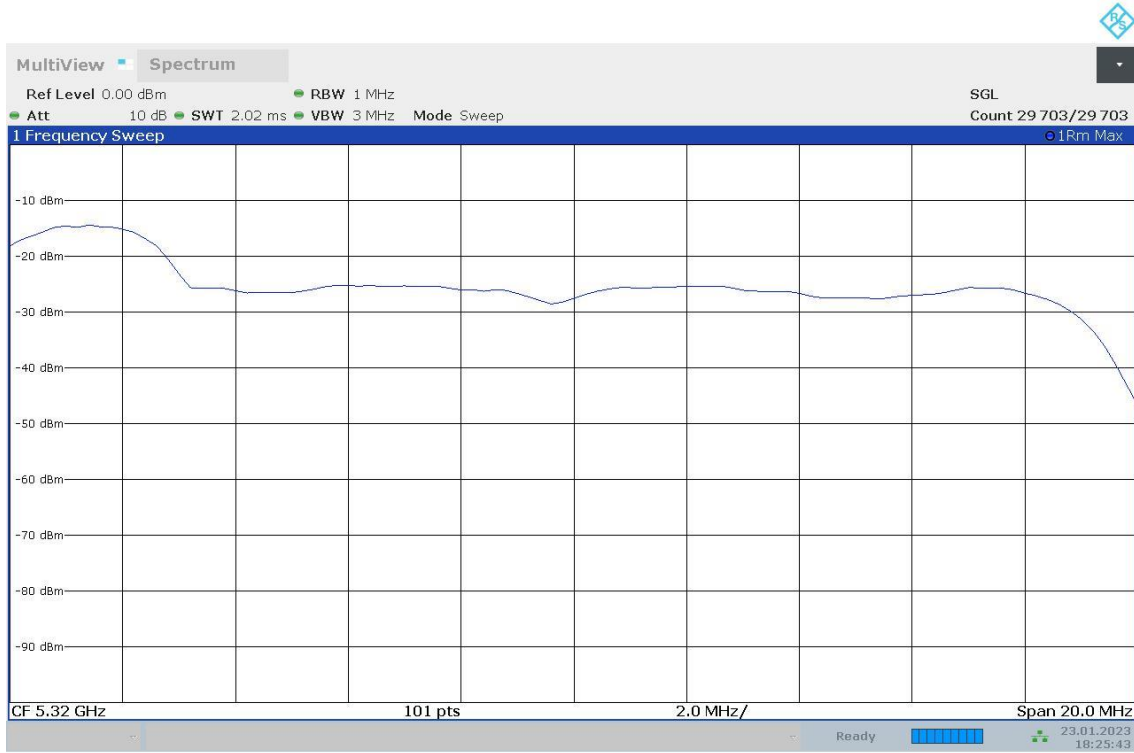
18:09:00 23.01.2023

Power Spectral Density (SA-3)



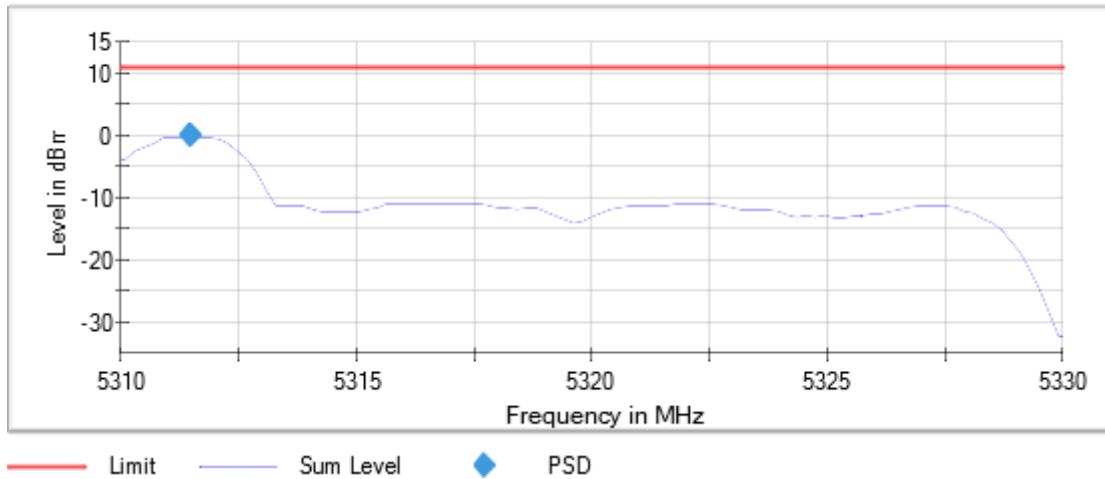
Frequency MHz = 5320.00000 Modulation = 802.11ax HE20 SS1 (OFDMA MCS8)
 TPC = No Mode = SISO
 Number of Transmission Chains = 1

Images:



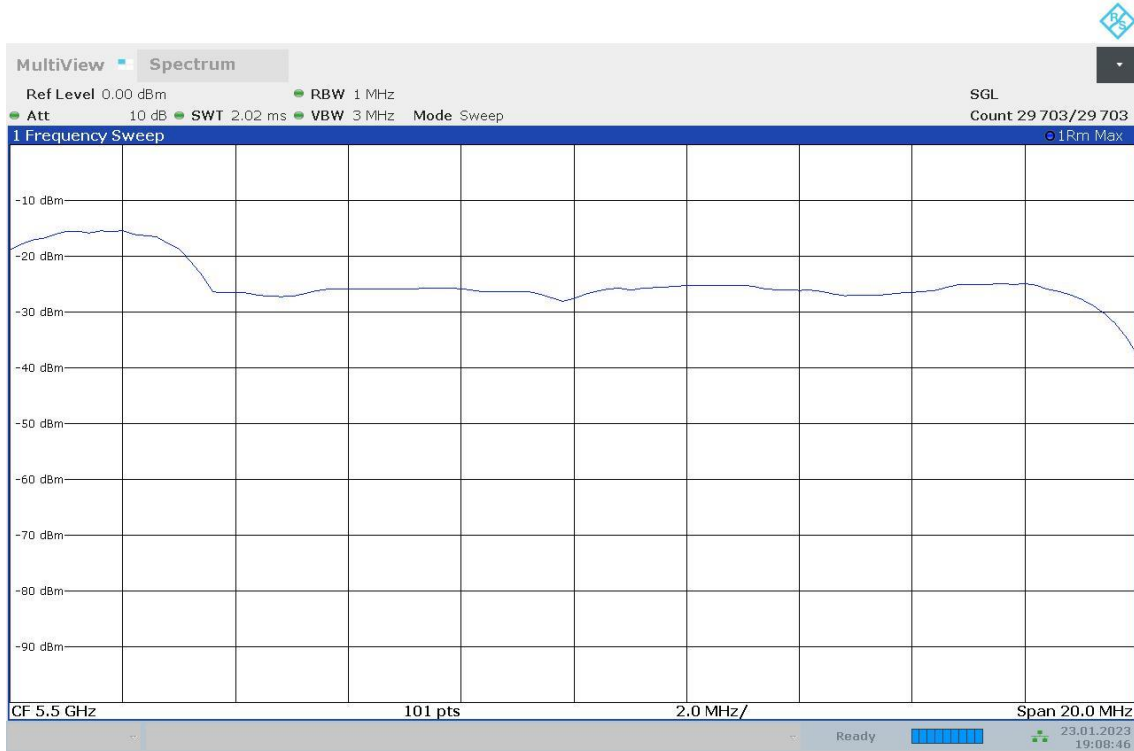
18:25:43 23.01.2023

Power Spectral Density (SA-3)



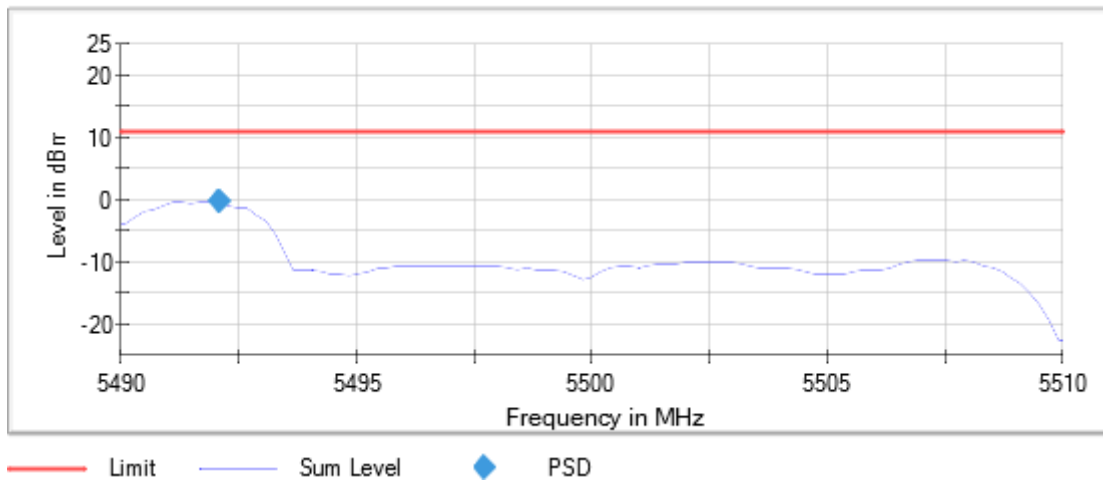
Frequency MHz = 5500.00000 Modulation = 802.11ax HE20 SS1 (OFDMA MCS8)
 TPC = No Mode = SISO
 Number of Transmission Chains = 1

Images:



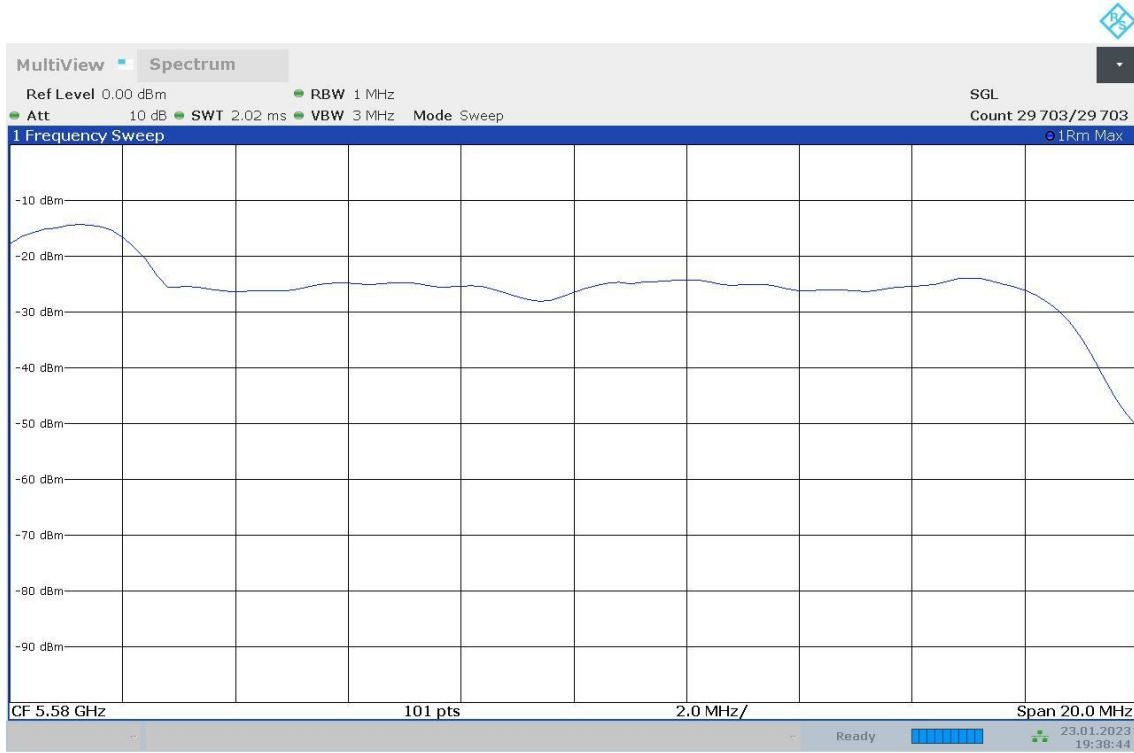
19:08:46 23.01.2023

Power Spectral Density (SA-3)



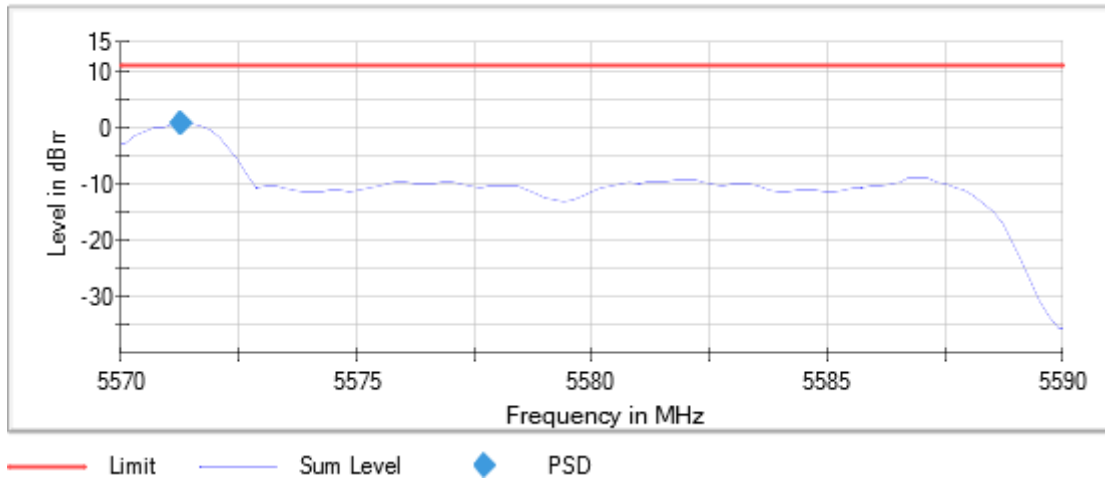
Frequency MHz = 5580.00000 Modulation = 802.11ax HE20 SS1 (OFDMA MCS8)
 TPC = No Mode = SISO
 Number of Transmission Chains = 1

Images:



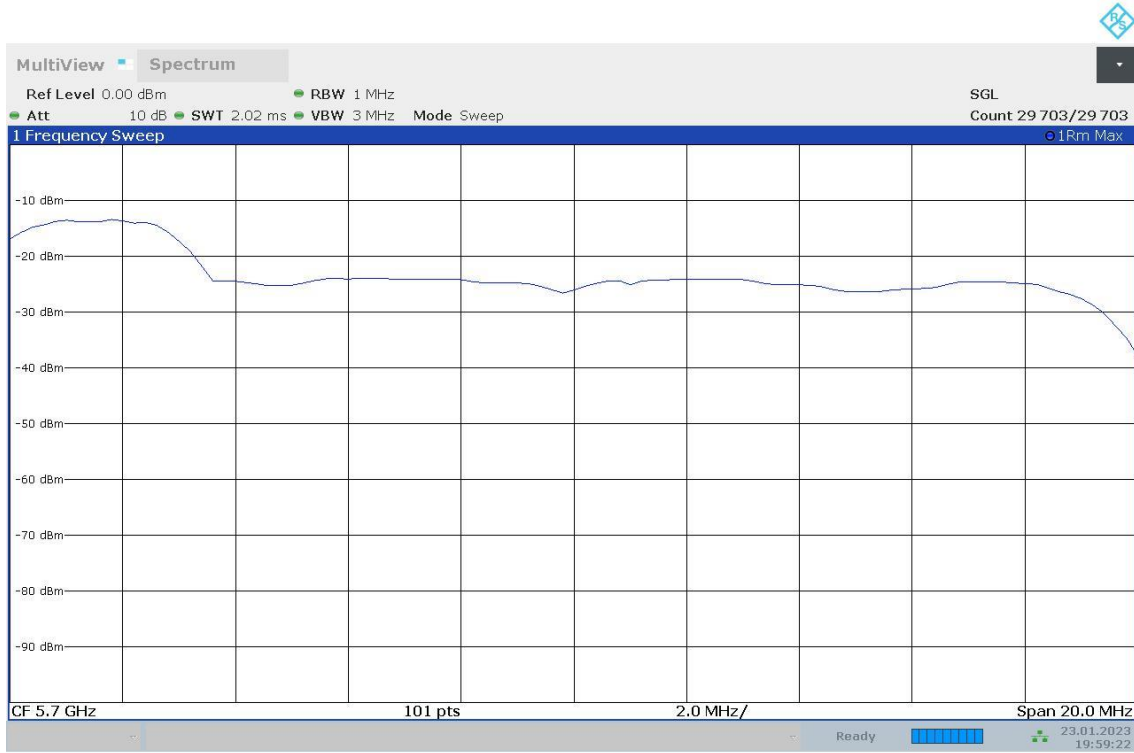
19:38:44 23.01.2023

Power Spectral Density (SA-3)



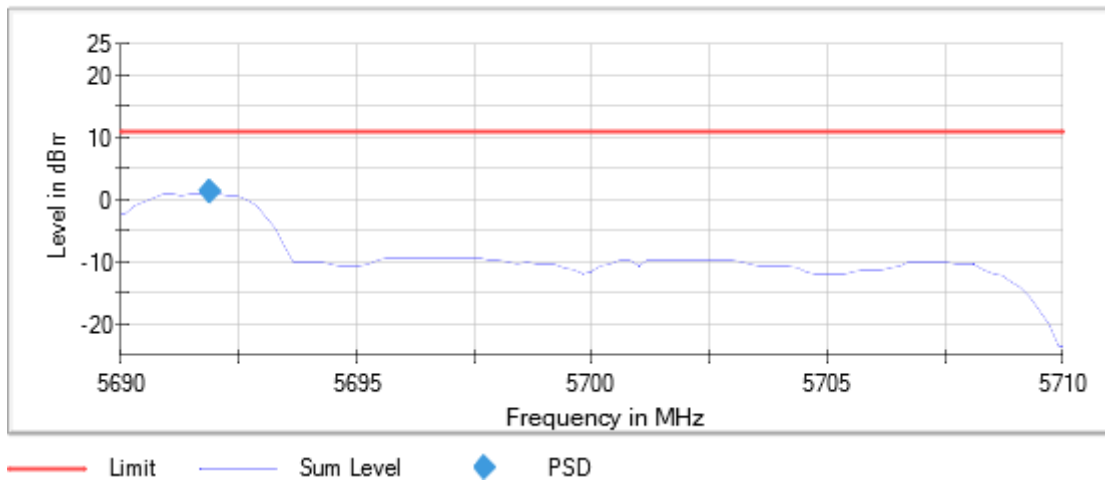
Frequency MHz = 5700.00000 Modulation = 802.11ax HE20 SS1 (OFDMA MCS8)
TPC = No Mode = SISO
Number of Transmission Chains = 1

Images:



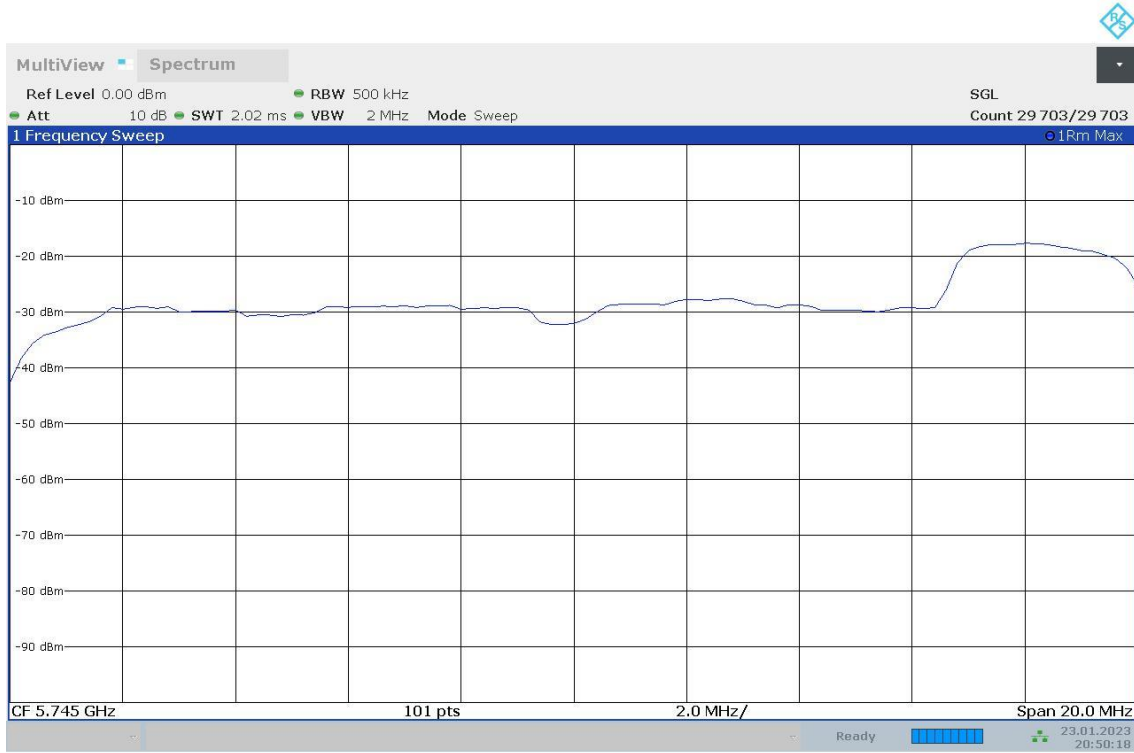
19:59:23 23.01.2023

Power Spectral Density (SA-3)



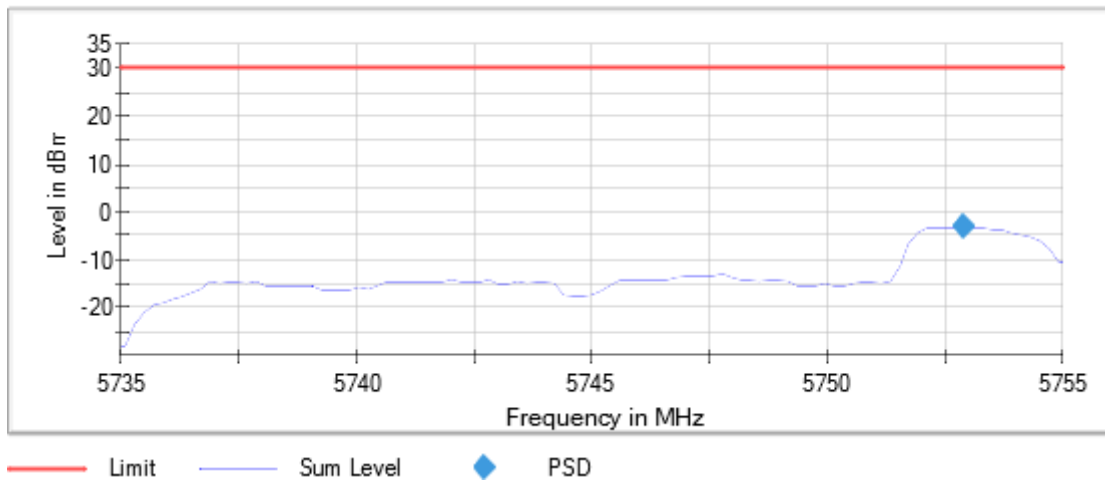
Frequency MHz = 5745.00000 Modulation = 802.11ax HE20 SS1 (OFDMA MCS8)
TPC = No Mode = SISO
Number of Transmission Chains = 1

Images:



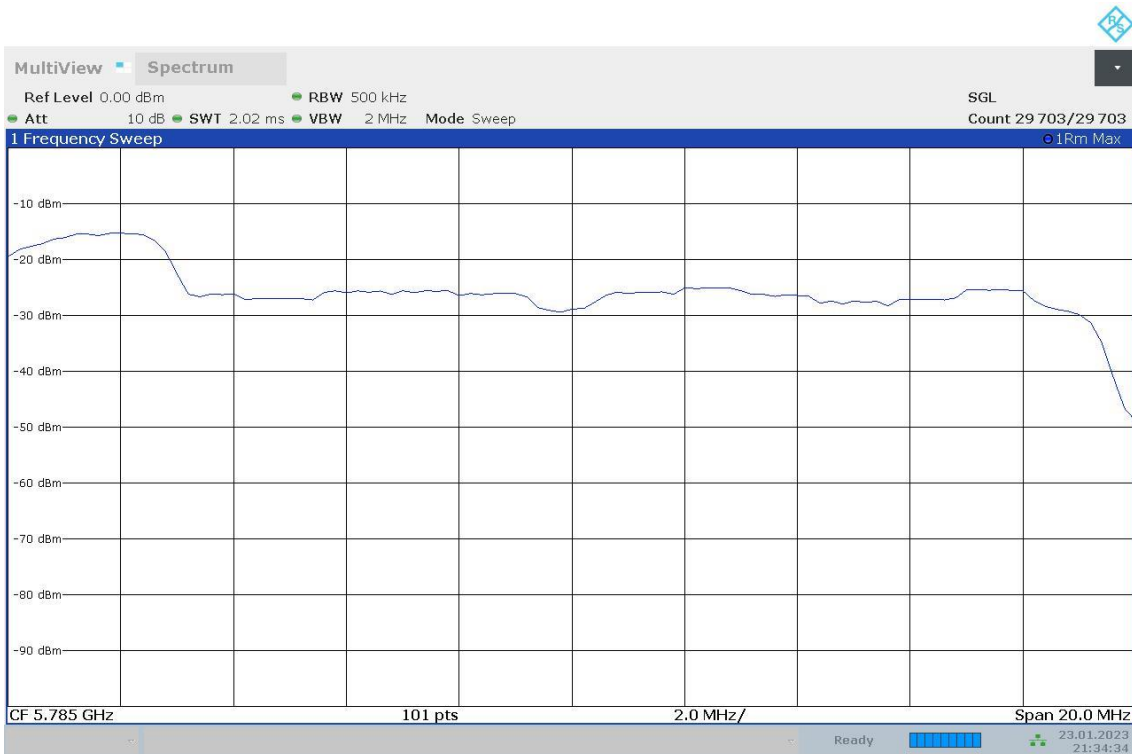
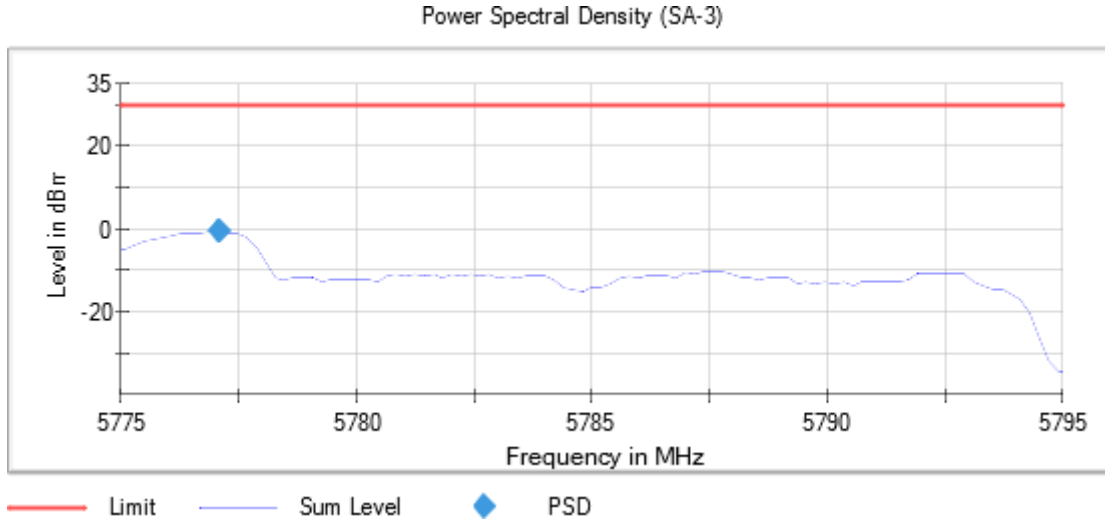
20:50:19 23.01.2023

Power Spectral Density (SA-3)



Frequency MHz = 5785.00000 Modulation = 802.11ax HE20 SS1 (OFDMA MCS8)
TPC = No Mode = SISO
Number of Transmission Chains = 1

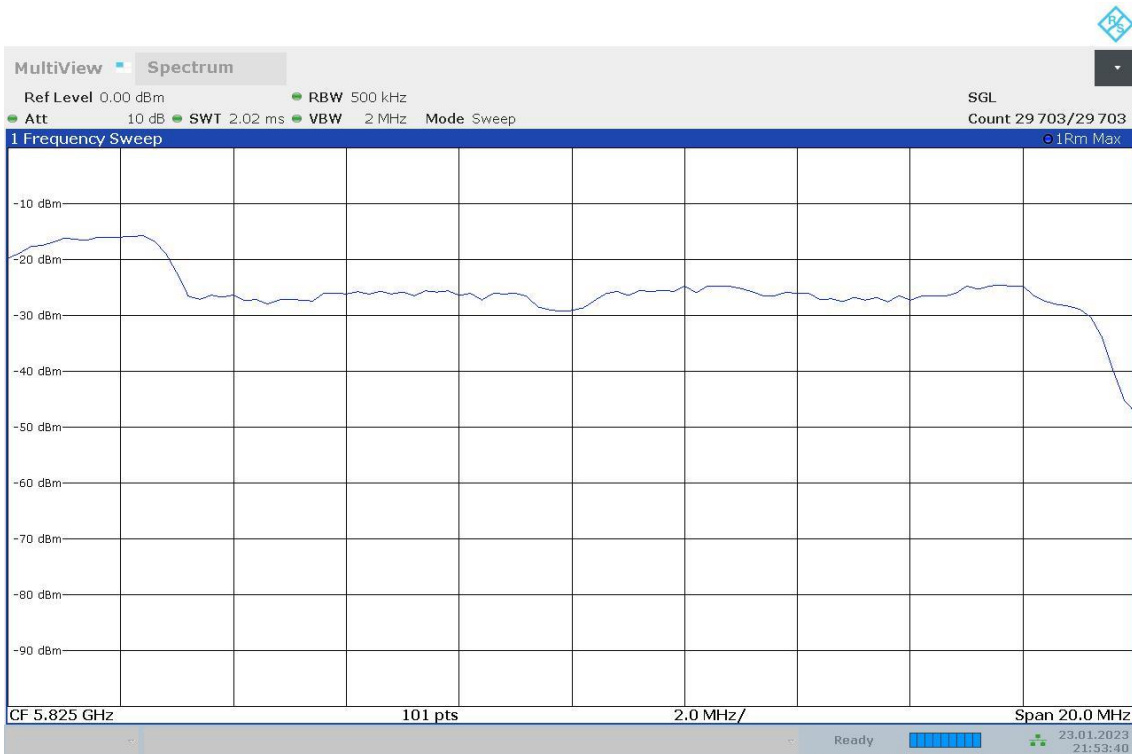
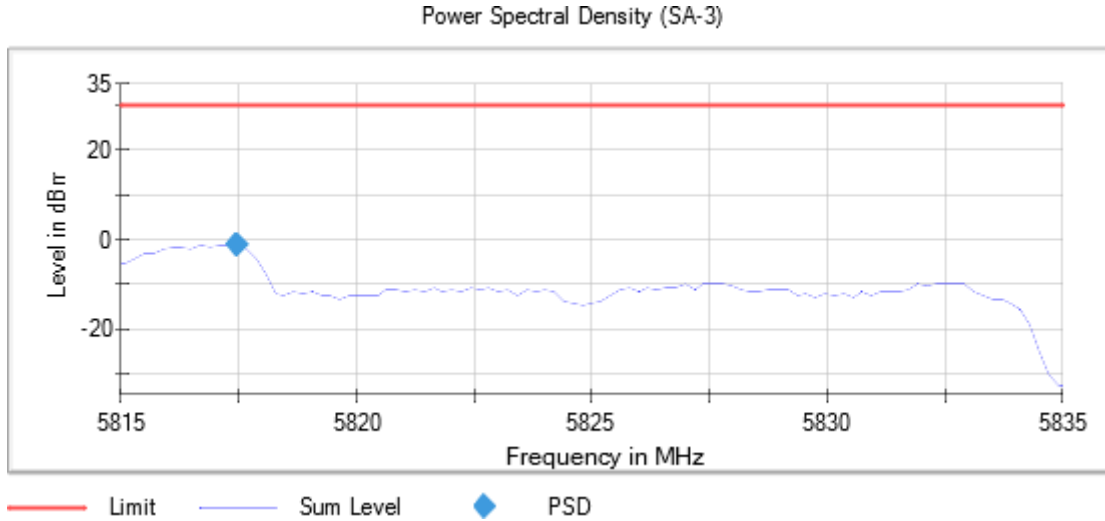
Images:



21:34:35 23.01.2023

Frequency MHz = 5825.00000 Modulation = 802.11ax HE20 SS1 (OFDMA MCS8)
TPC = No Mode = SISO
Number of Transmission Chains = 1

Images:



21:53:40 23.01.2023

Pre-test ax mode RU index

Bandwidth: 40 MHz, Lowest Channel

Maximum declared antenna gain: 3.5 dBi

| RU-Index | PSD (dBm) |
|----------|-----------|
| 0 | 0.33 |
| 8 | 1.72 |
| 17 | 2.05* |
| 65 | -1.04 |
| 67 | -1.48 |

*: Worse case

$$\Delta = \text{PSD}_{\text{par}} - \text{PSD}_{\text{full}} = 1.01$$

Mode: SISO

Modulation: 802.11ax HE40 (OFDMA MCS9) – Full RU

Results

| Freq (MHz) | Marker Freq (MHz) | PSD (dBm) |
|------------|-------------------|-----------|
| 5190.00000 | 5204.257426 | -11.74 |
| 5230.00000 | 5223.267327 | -11.32 |
| 5270.00000 | 5284.653465 | -11.97 |
| 5310.00000 | 5294.950495 | -12.09 |
| 5510.00000 | 5525.841584 | -13.81 |
| 5550.00000 | 5544.059406 | -13.22 |
| 5670.00000 | 5685.445545 | -13.01 |
| 5755.00000 | 5770.625000 | -13.43 |
| 5795.00000 | 5788.875000 | -12.88 |

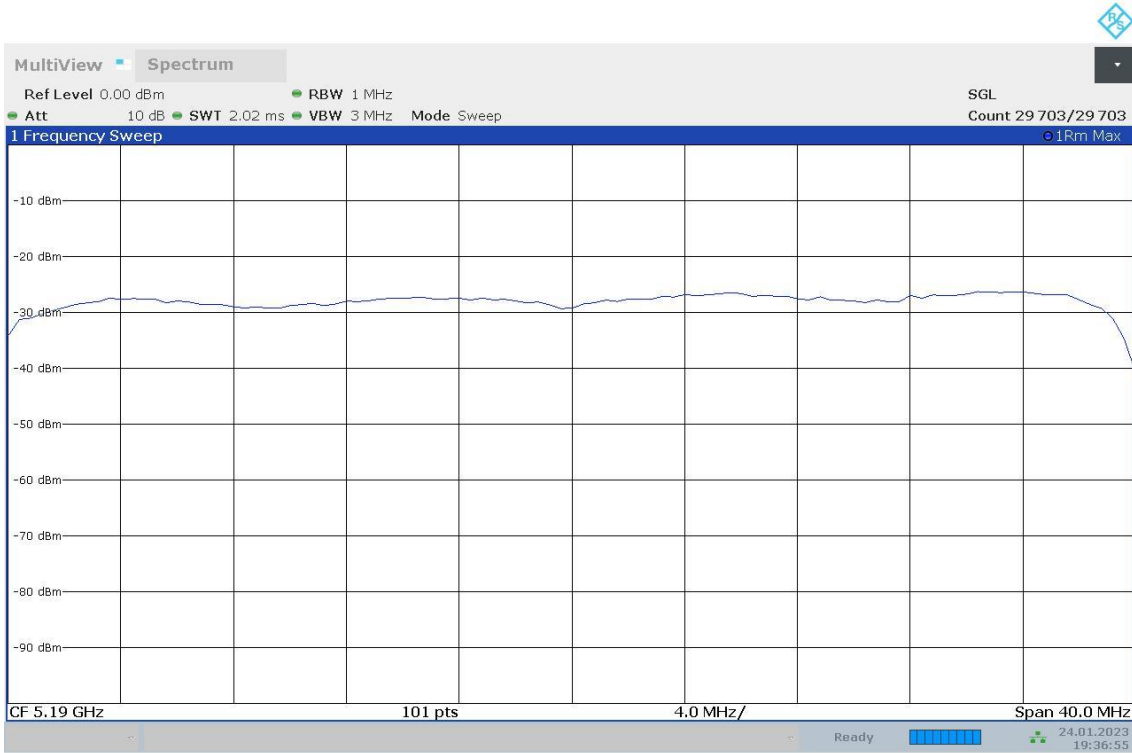
Verdict

Pass

Attachments

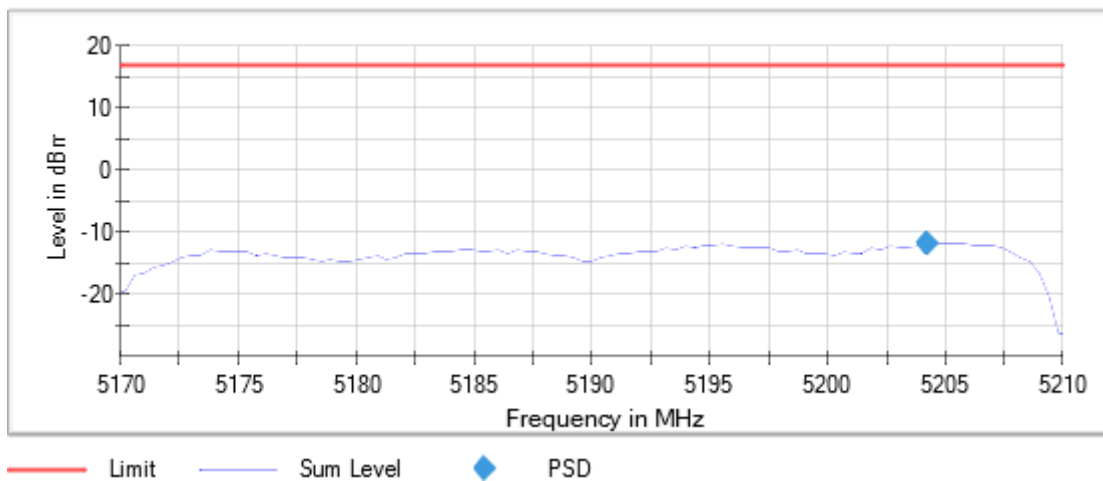
Frequency MHz = 5190.00000 Modulation = 802.11ax HE40 (OFDMA MCS9)
TPC = No Mode = SISO
Number of Transmission Chains = 1

Images:



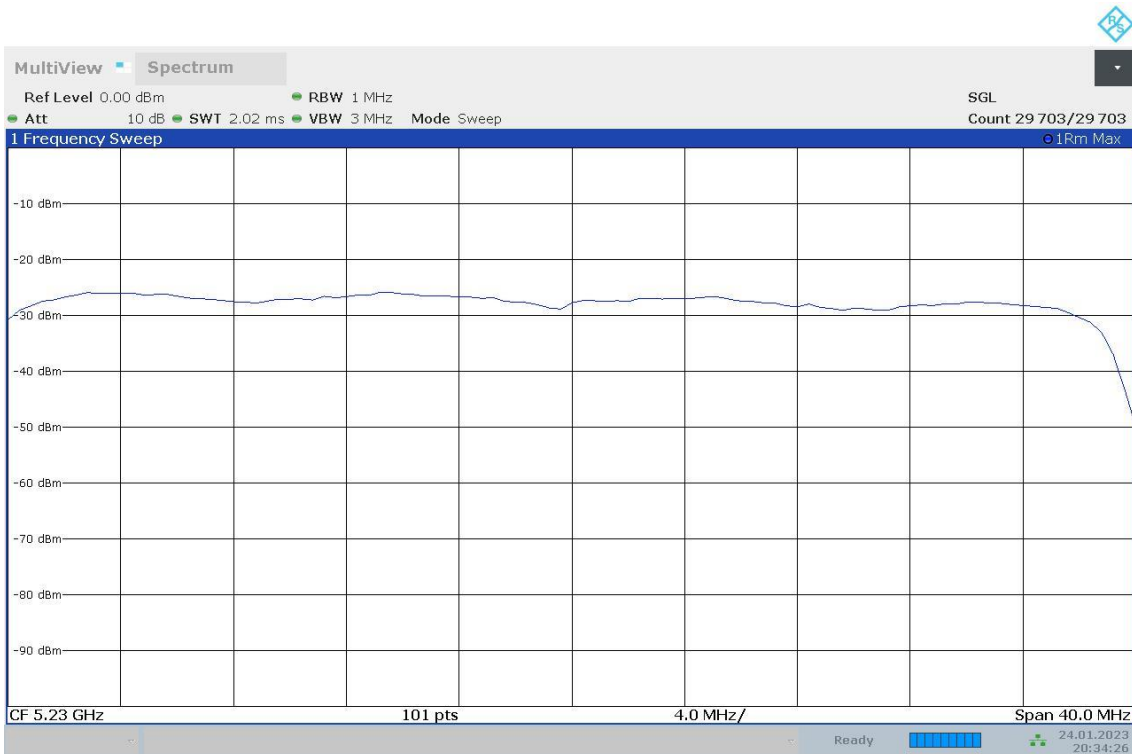
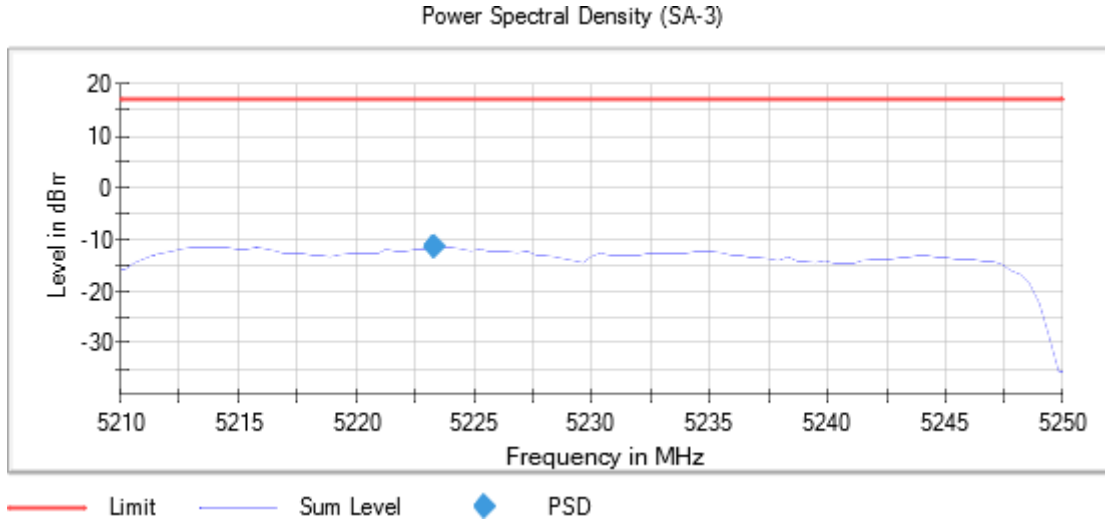
19:36:56 24.01.2023

Power Spectral Density (SA-3)



Frequency MHz = 5230.00000 Modulation = 802.11ax HE40 (OFDMA MCS9)
 TPC = No Mode = SISO
 Number of Transmission Chains = 1

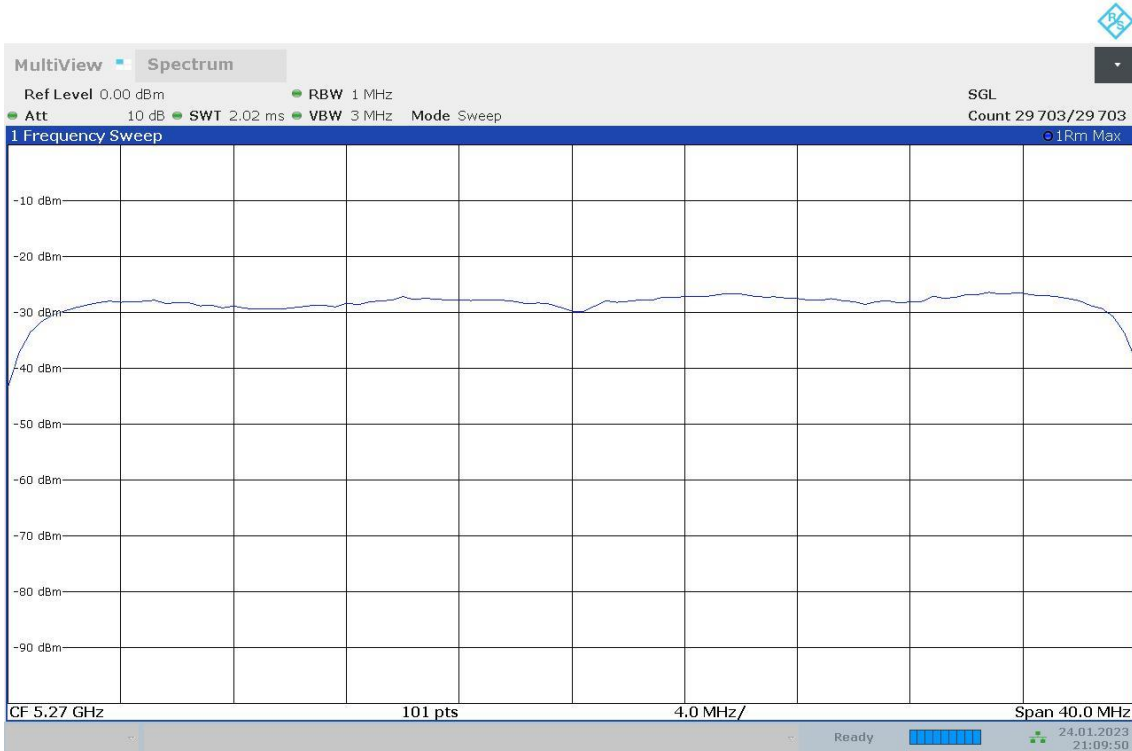
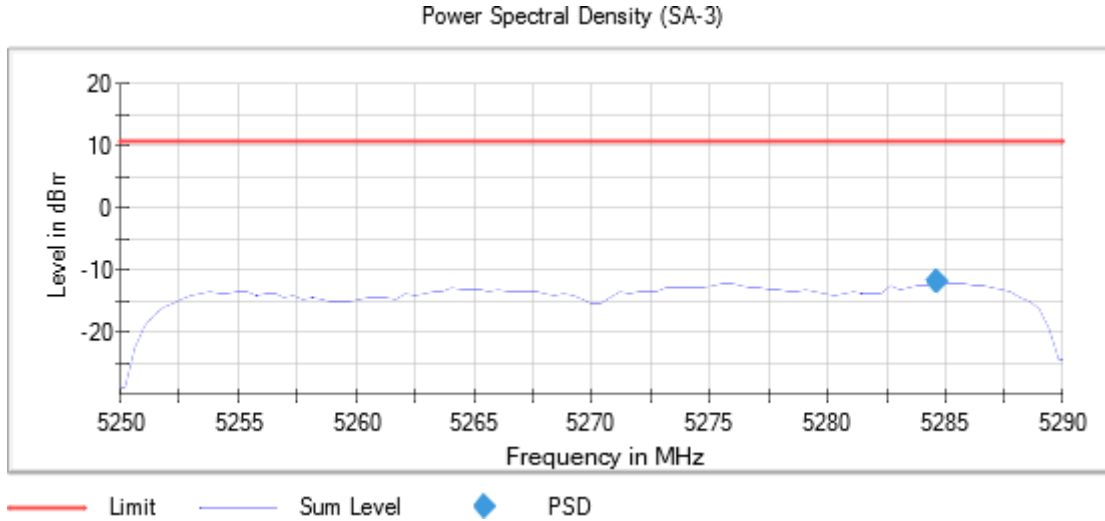
Images:



20:34:27 24.01.2023

Frequency MHz = 5270.00000 Modulation = 802.11ax HE40 (OFDMA MCS9)
TPC = No Mode = SISO
Number of Transmission Chains = 1

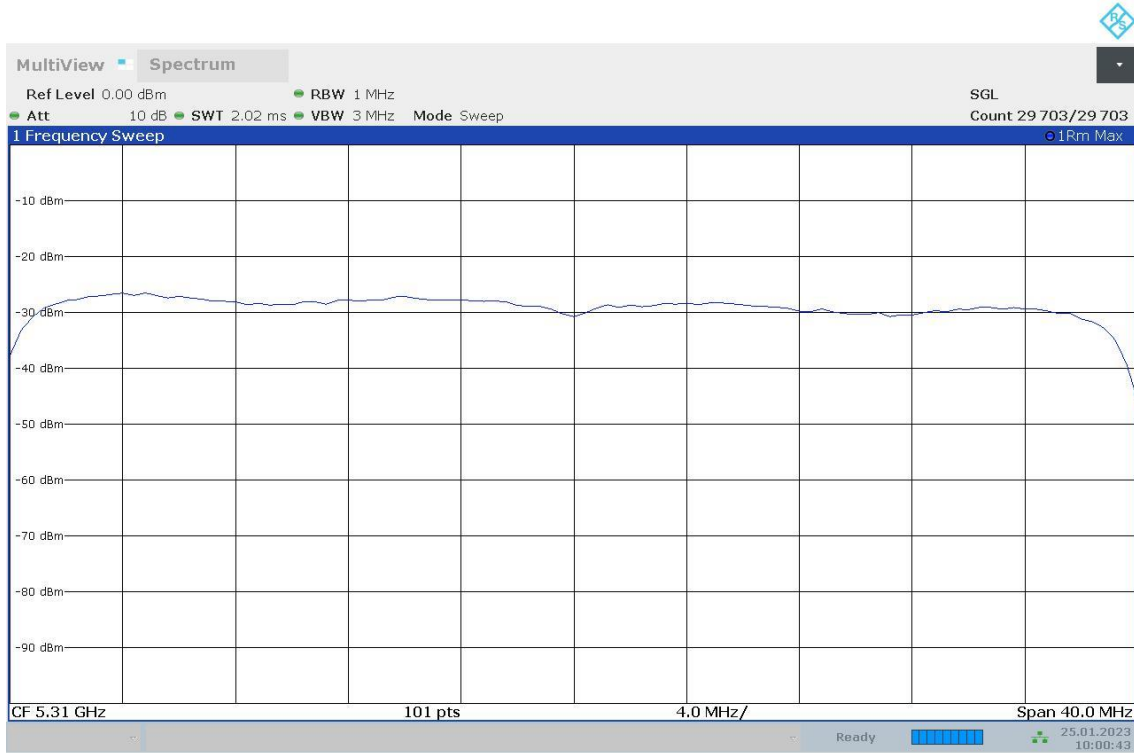
Images:



21:09:50 24.01.2023

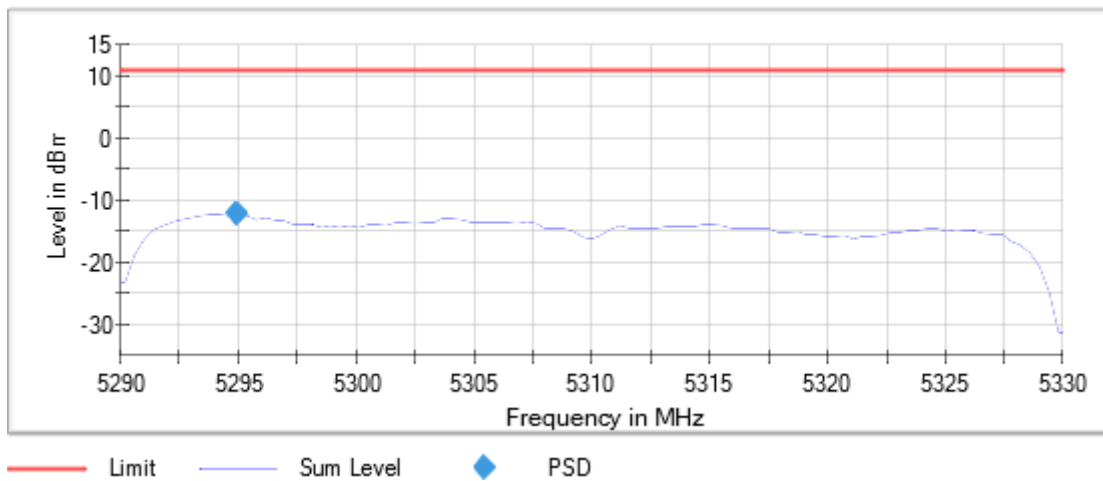
Frequency MHz = 5310.00000 Modulation = 802.11ax HE4 (OFDMA MCS9)
TPC = No Mode = SISO
Number of Transmission Chains = 1

Images:



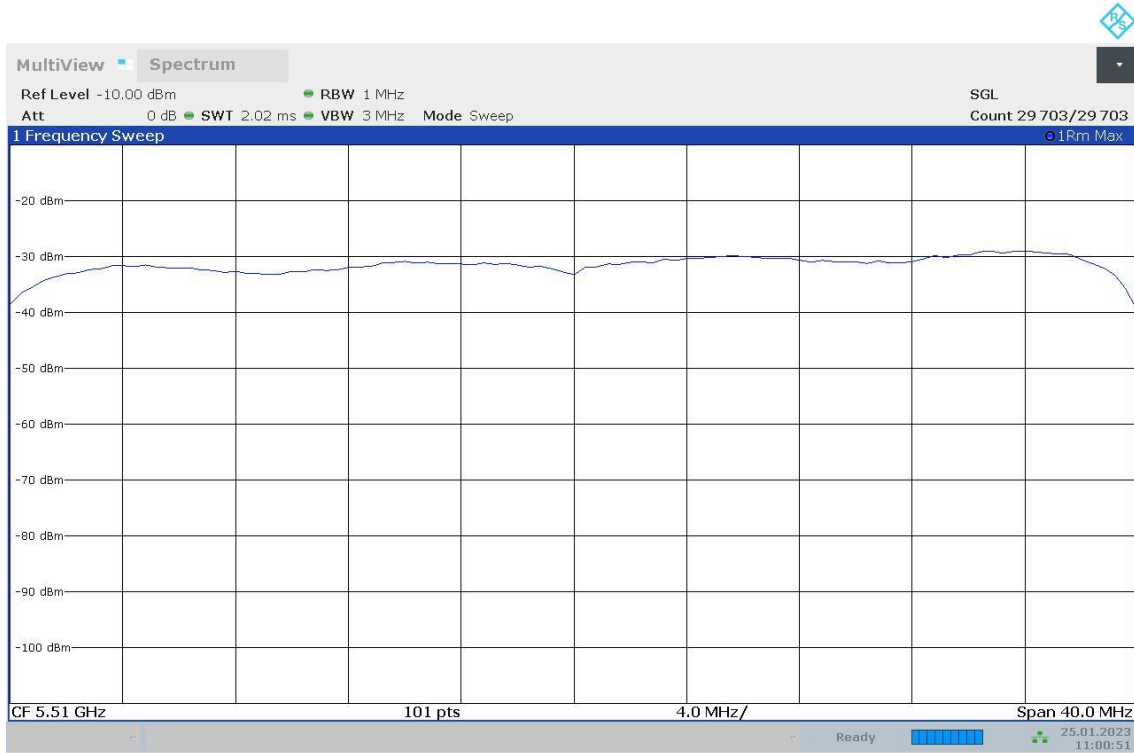
10:00:43 25.01.2023

Power Spectral Density (SA-3)



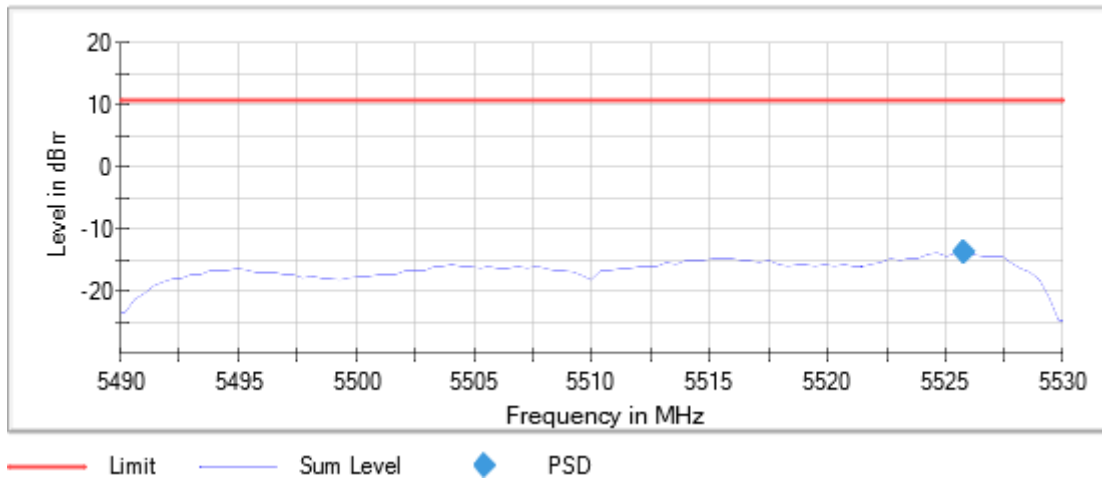
Frequency MHz = 5510.00000 Modulation = 802.11ax HE4 (OFDMA MCS9)
TPC = No Mode = SISO
Number of Transmission Chains = 1

Images:



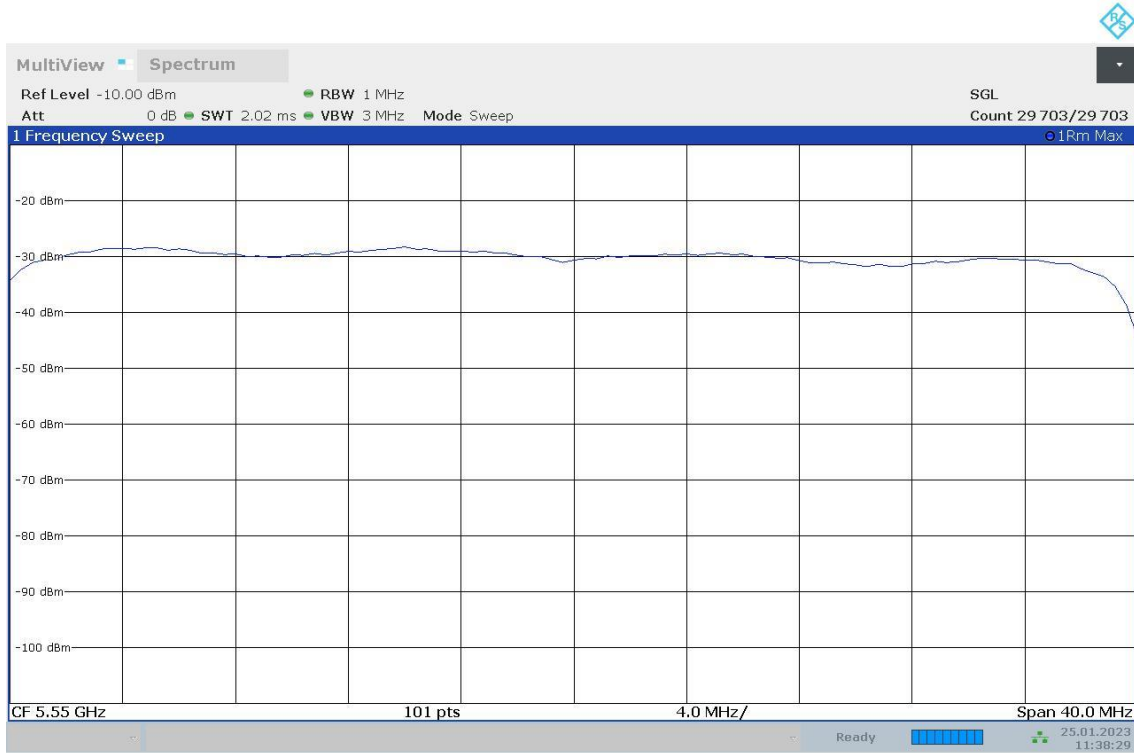
11:00:51 25.01.2023

Power Spectral Density (SA-3)



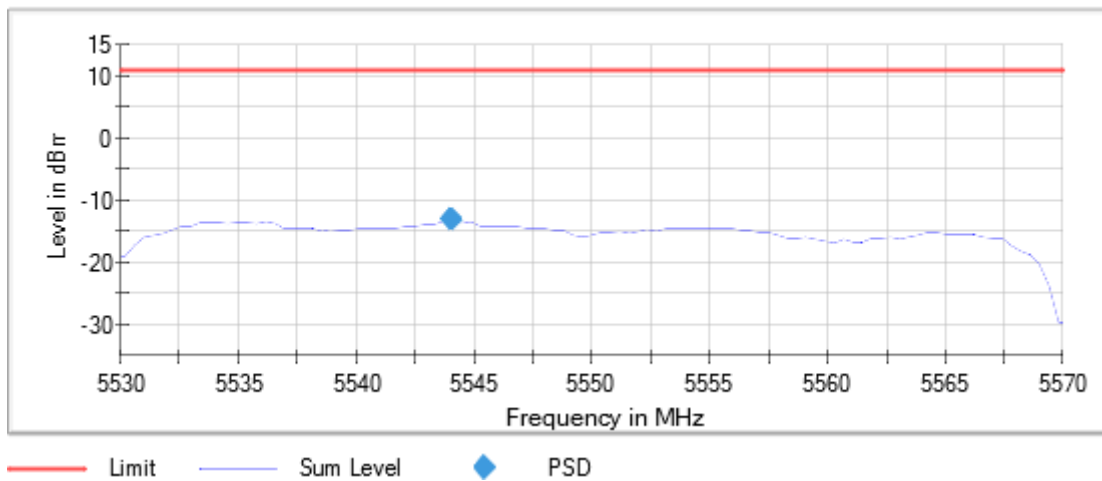
Frequency MHz = 5550.00000 Modulation = 802.11ax HE4 (OFDMA MCS9)
TPC = No Mode = SISO
Number of Transmission Chains = 1

Images:



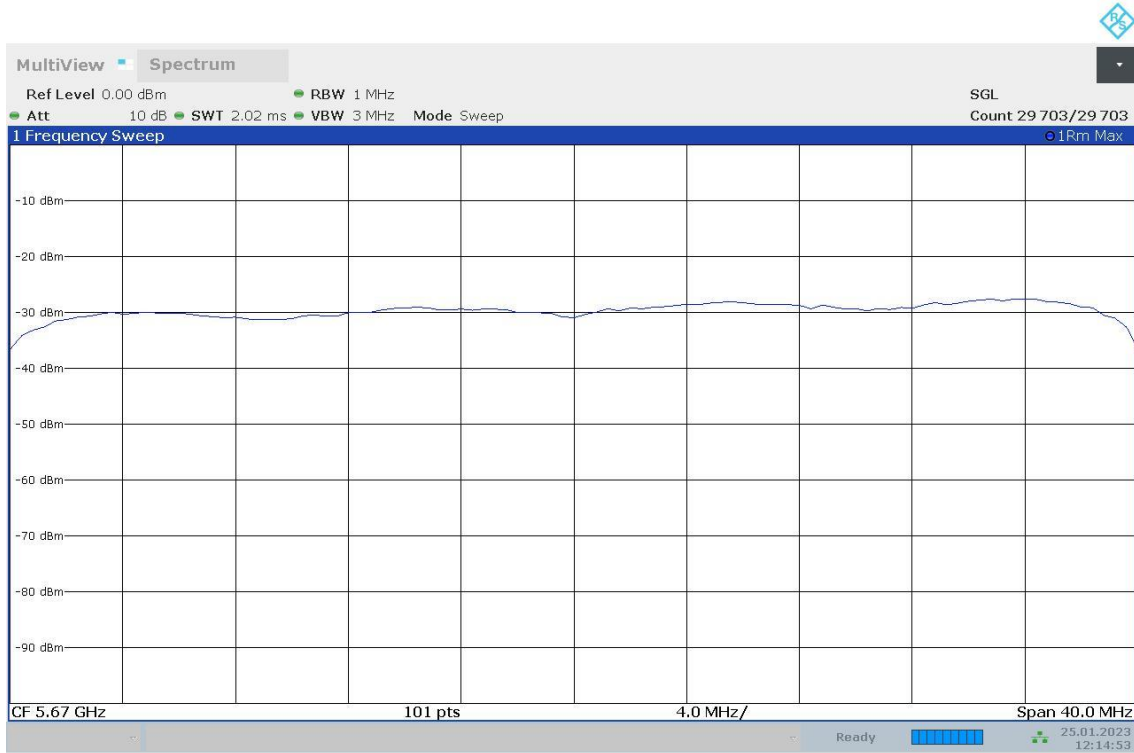
11:38:30 25.01.2023

Power Spectral Density (SA-3)



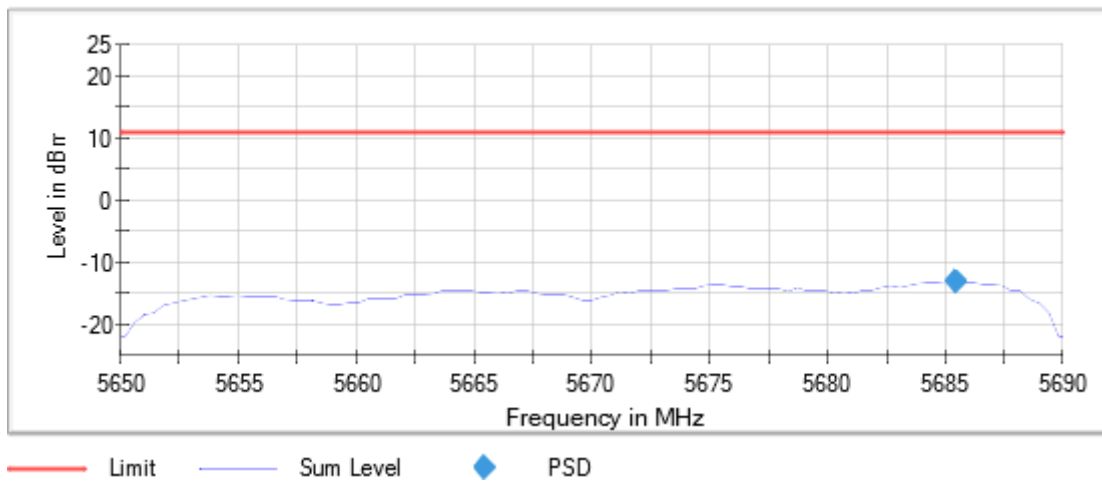
Frequency MHz = 5670.00000 Modulation = 802.11ax HE4 (OFDMA MCS9)
TPC = No Mode = SISO
Number of Transmission Chains = 1

Images:



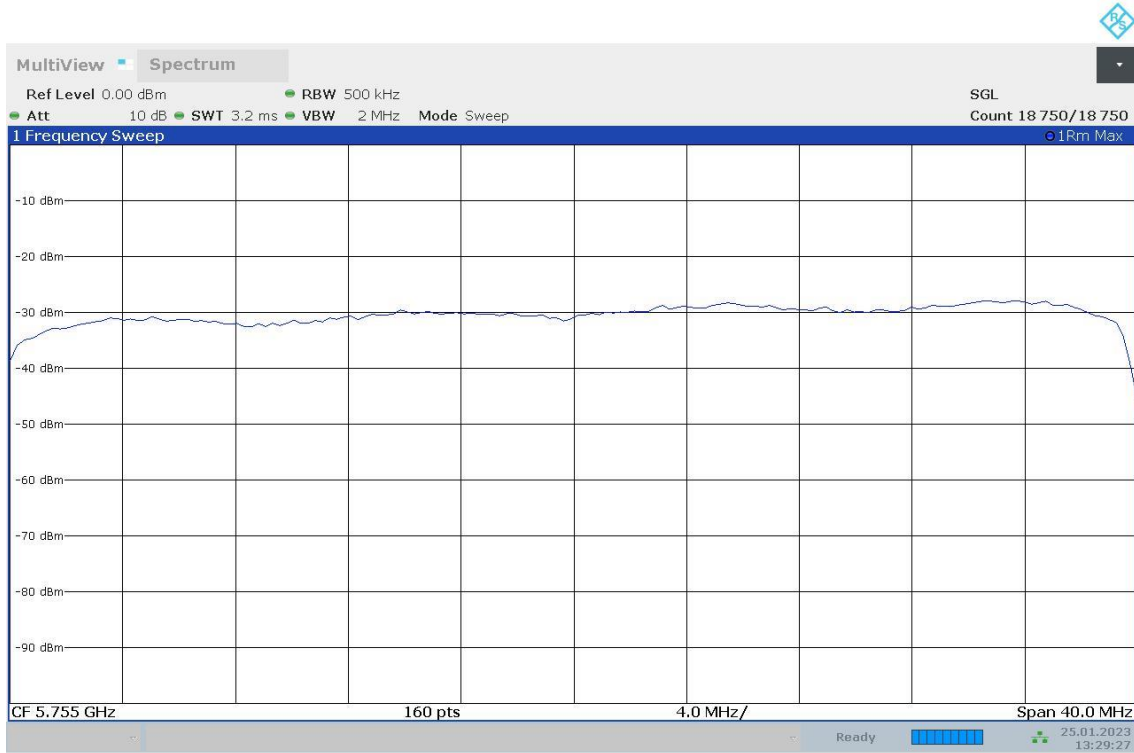
12:14:54 25.01.2023

Power Spectral Density (SA-3)



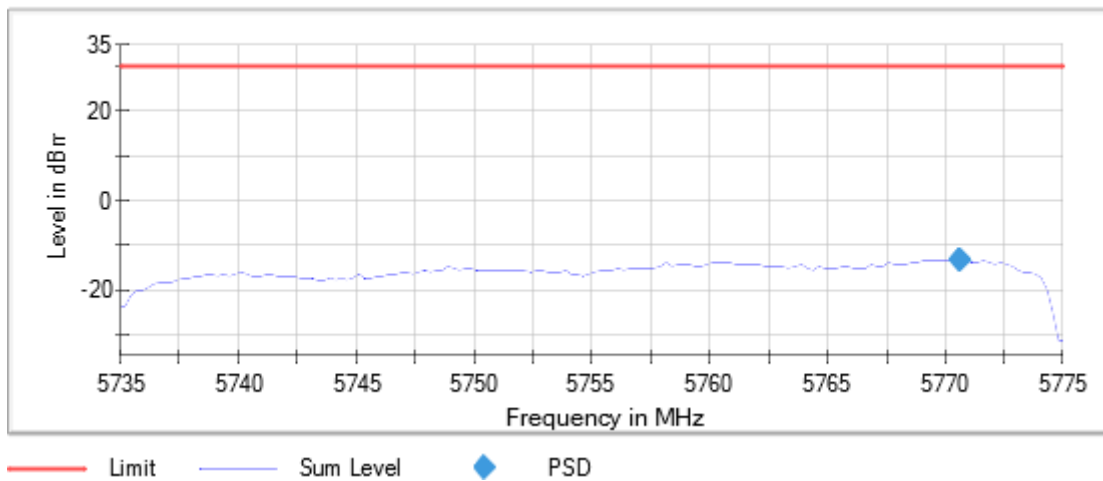
Frequency MHz = 5755.00000 Modulation = 802.11ax HE4 (OFDMA MCS9)
TPC = No Mode = SISO
Number of Transmission Chains = 1

Images:



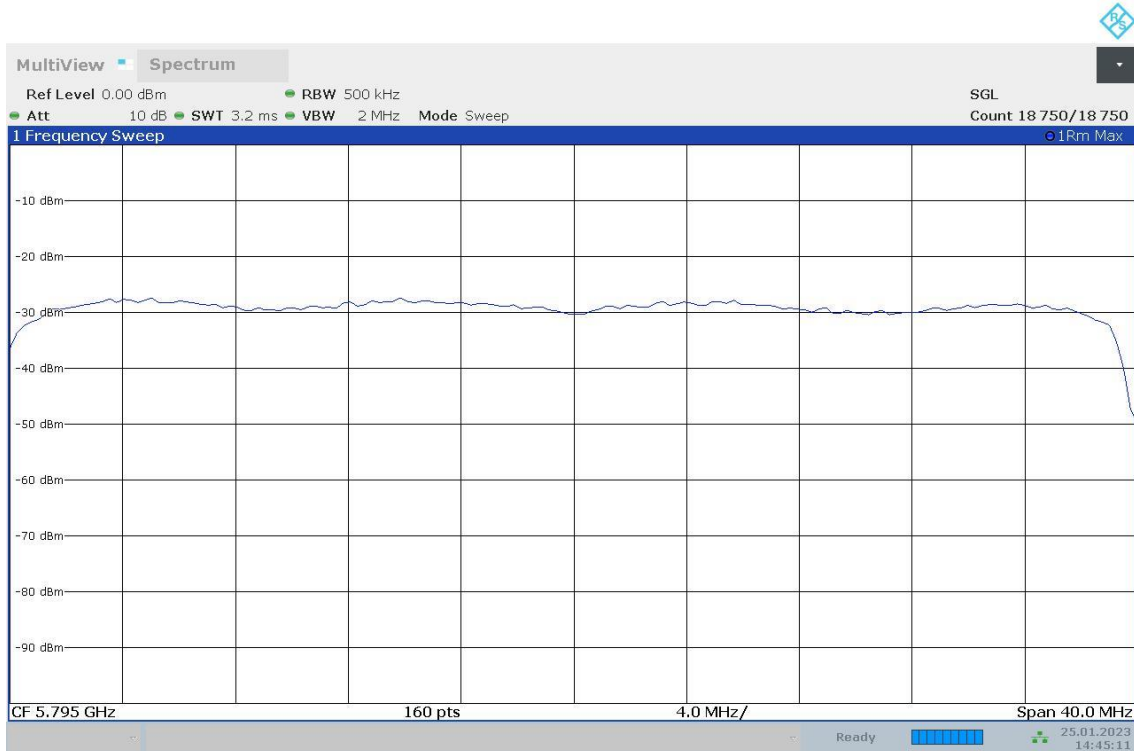
13:29:27 25.01.2023

Power Spectral Density (SA-3)



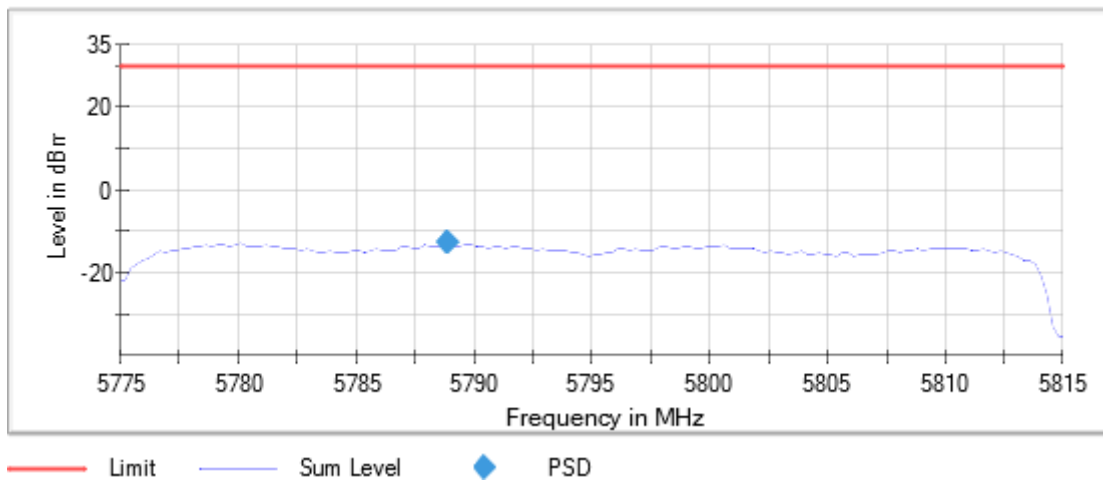
Frequency MHz = 5795.00000 Modulation = 802.11ax HE4 (OFDMA MCS9)
TPC = No Mode = SISO
Number of Transmission Chains = 1

Images:



14:45:11 25.01.2023

Power Spectral Density (SA-3)



Mode: SISO

Modulation: 802.11ax HE40 SS1 (OFDMA MCS9) – Partial RU

Results

| Freq (MHz) | Marker Freq (MHz) | PSD (dBm) |
|------------|-------------------|-----------|
| 5190.00000 | 5207.821782 | 0.86 |
| 5230.00000 | 5247.821782 | -1.43 |
| 5270.00000 | 5287.029703 | 0.36 |
| 5310.00000 | 5327.425743 | -2.31 |
| 5510.00000 | 5527.821782 | -1.30 |
| 5550.00000 | 5567.821782 | -2.94 |
| 5670.00000 | 5687.821782 | -0.56 |
| 5755.00000 | 5772.625000 | -1.06 |
| 5795.00000 | 5812.875000 | -1.85 |

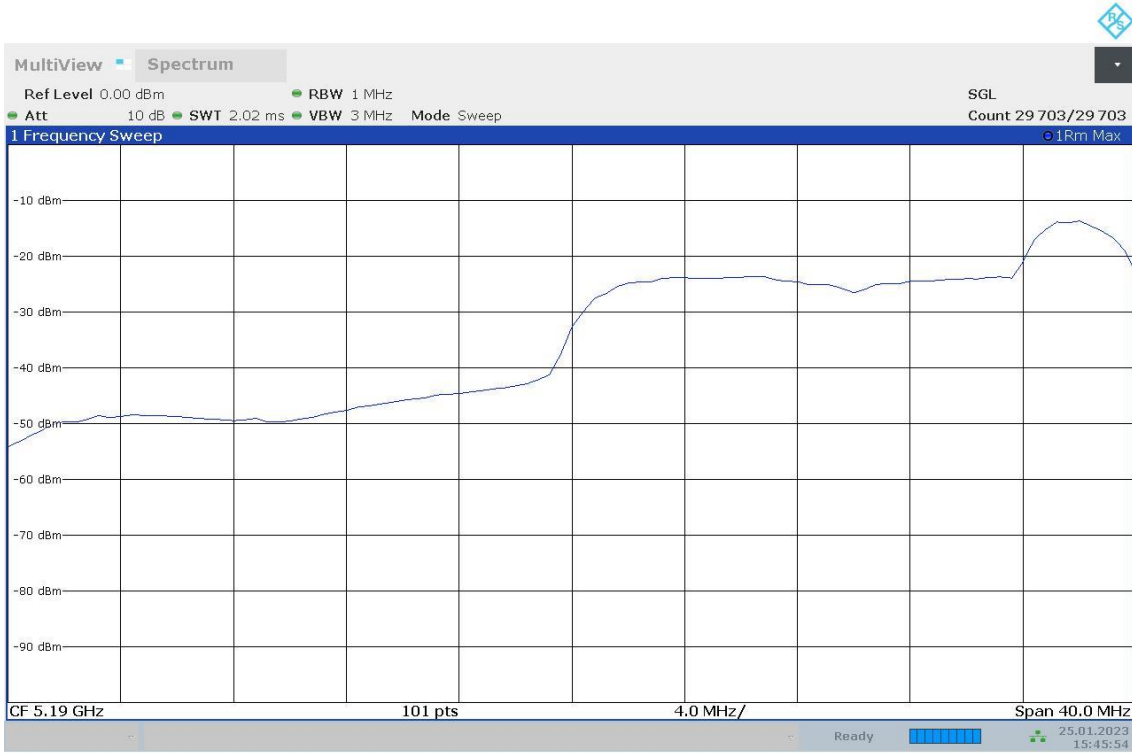
Verdict

Pass

Attachments

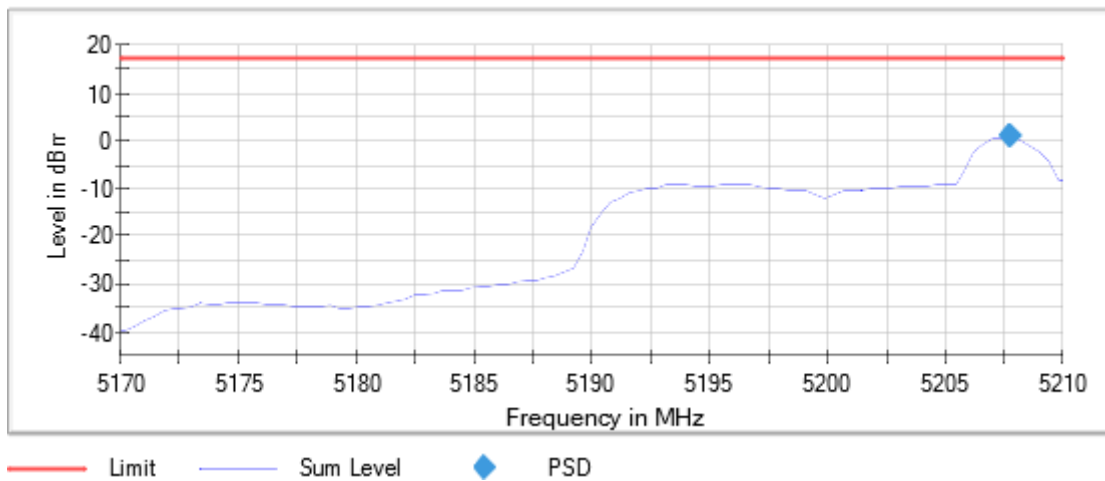
Frequency MHz = 5190.00000 Modulation = 802.11ax HE40 SS1 (OFDMA MCS9)
TPC = No Mode = SISO
Number of Transmission Chains = 1

Images:



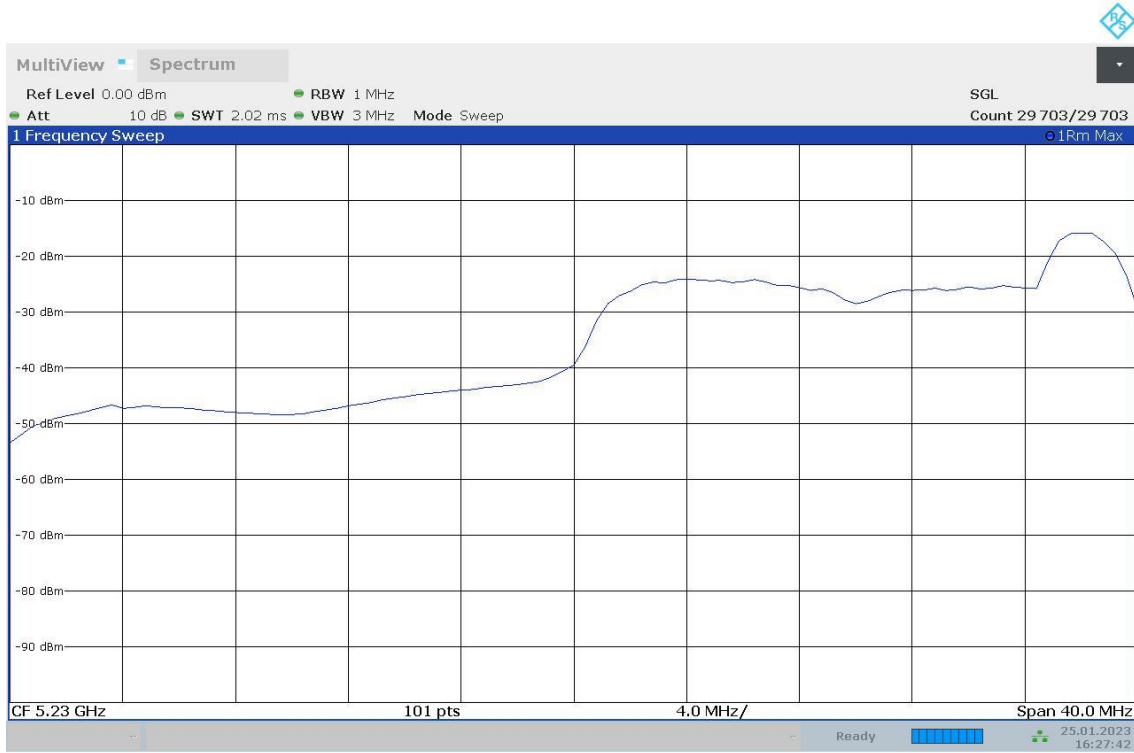
15:45:54 25.01.2023

Power Spectral Density (SA-3)



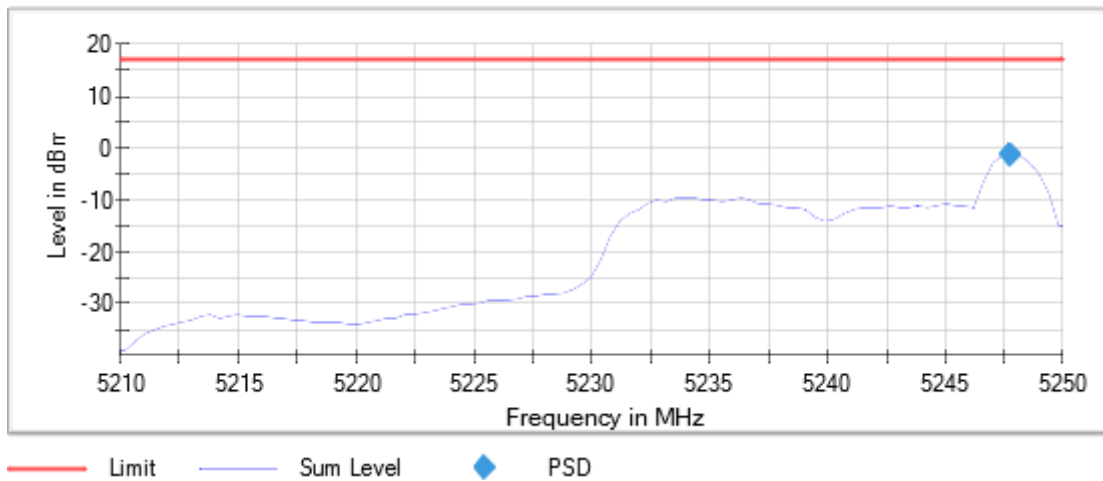
Frequency MHz = 5230.00000 Modulation = 802.11ax HE40 SS1 (OFDMA MCS9)
TPC = No Mode = SISO
Number of Transmission Chains = 1

Images:



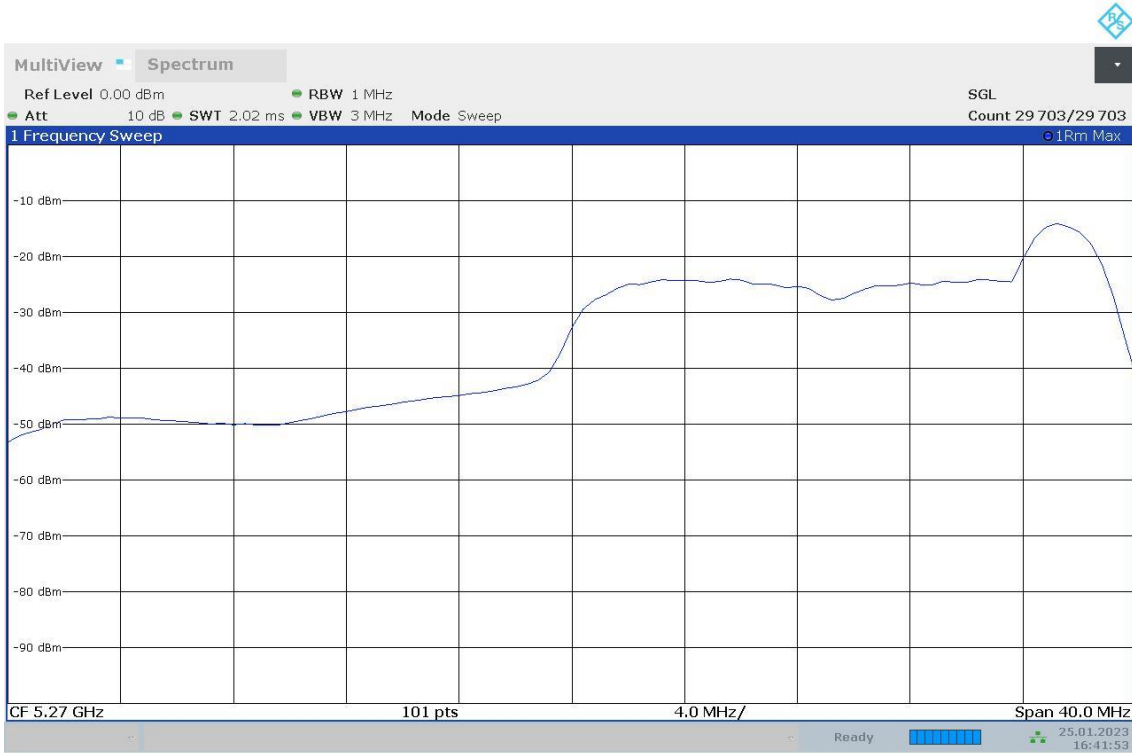
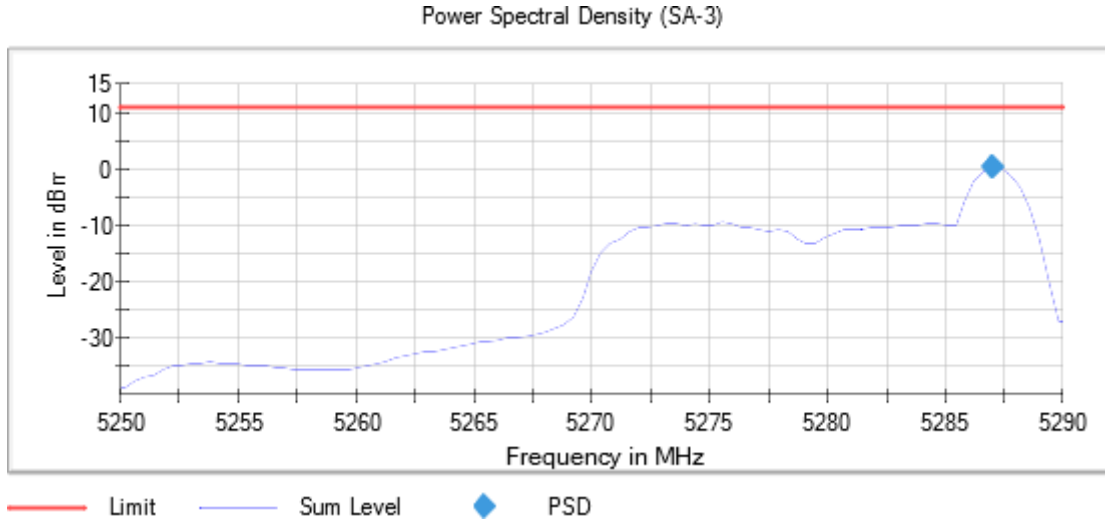
16:27:43 25.01.2023

Power Spectral Density (SA-3)



Frequency MHz = 5270.00000 Modulation = 802.11ax HE40 SS1 (OFDMA MCS9)
TPC = No Mode = SISO
Number of Transmission Chains = 1

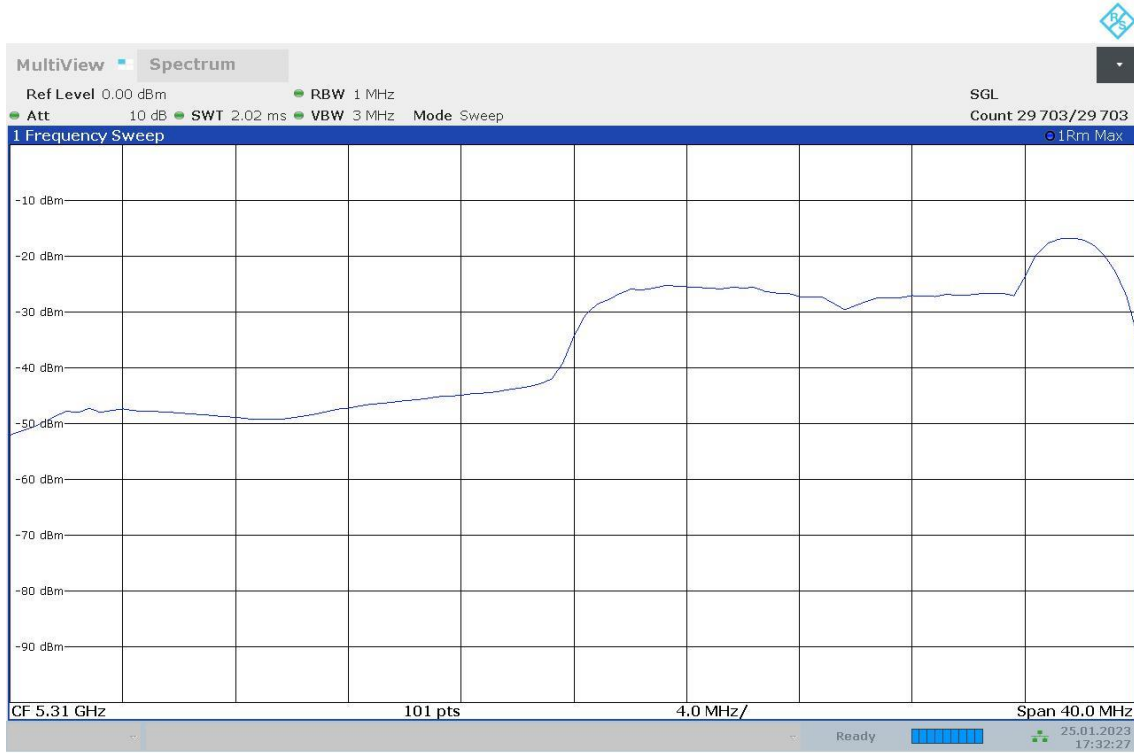
Images:



16:41:53 25.01.2023

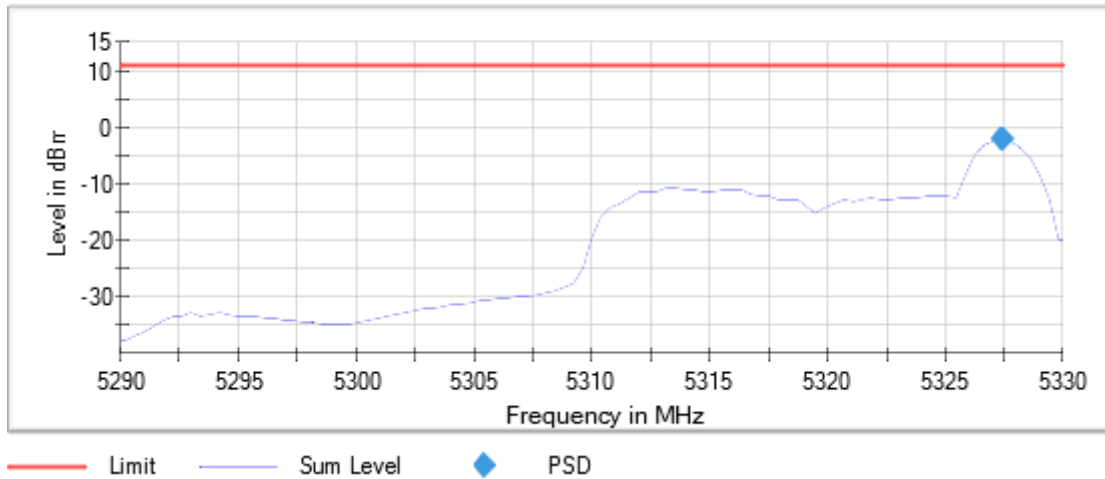
Frequency MHz = 5310.00000 Modulation = 802.11ax HE40 SS1 (OFDMA MCS9)
TPC = No Mode = SISO
Number of Transmission Chains = 1

Images:



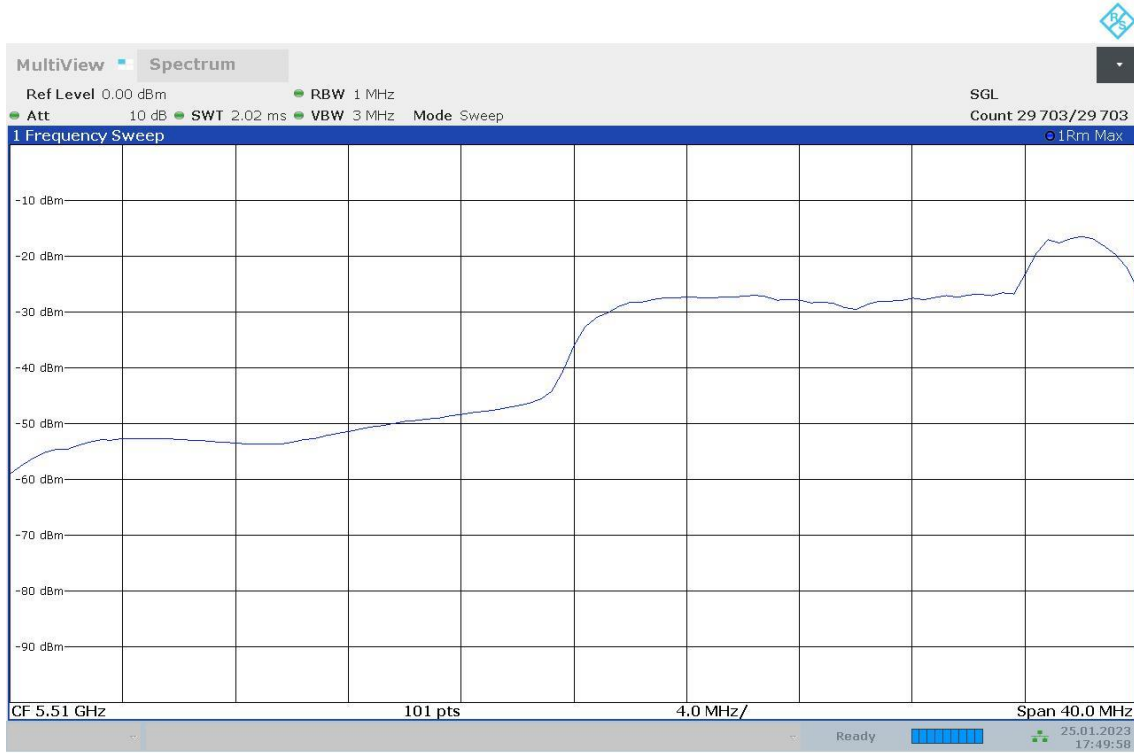
17:32:28 25.01.2023

Power Spectral Density (SA-3)



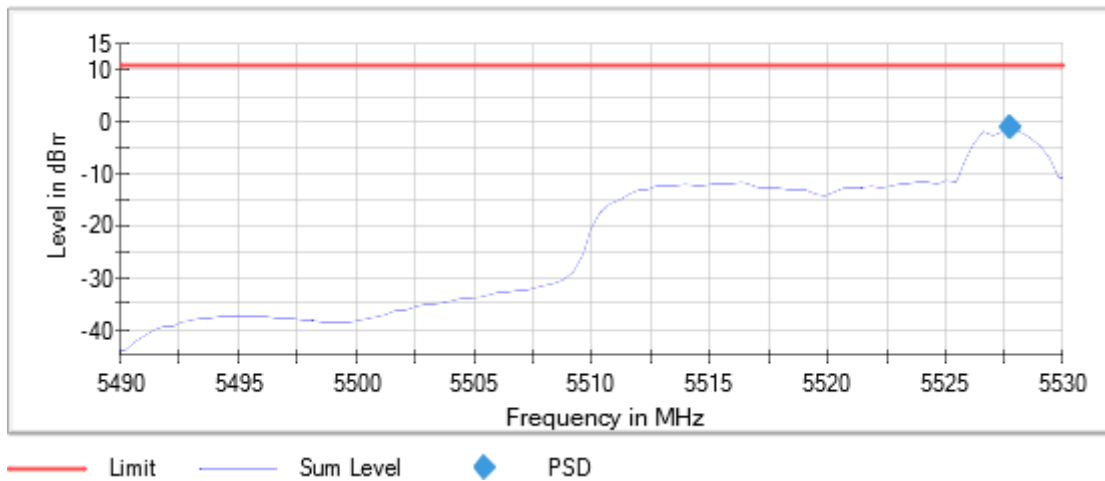
Frequency MHz = 5510.00000 Modulation = 802.11ax HE40 SS1 (OFDMA MCS9)
TPC = No Mode = SISO
Number of Transmission Chains = 1

Images:



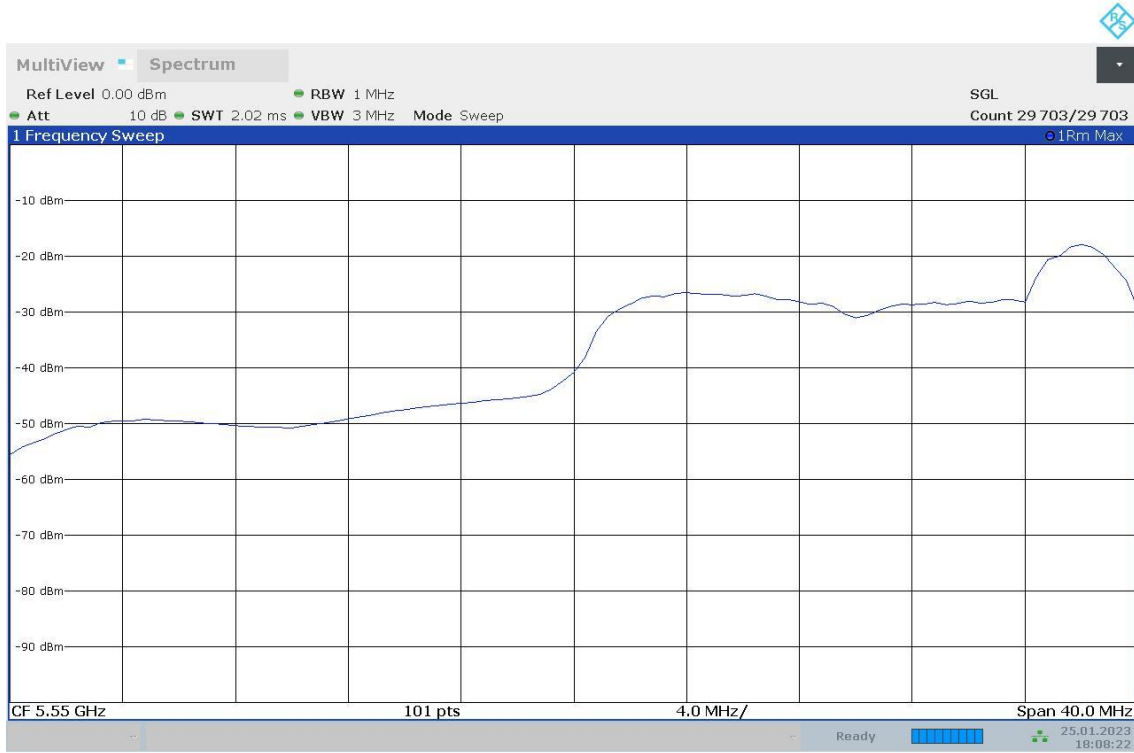
17:49:58 25.01.2023

Power Spectral Density (SA-3)



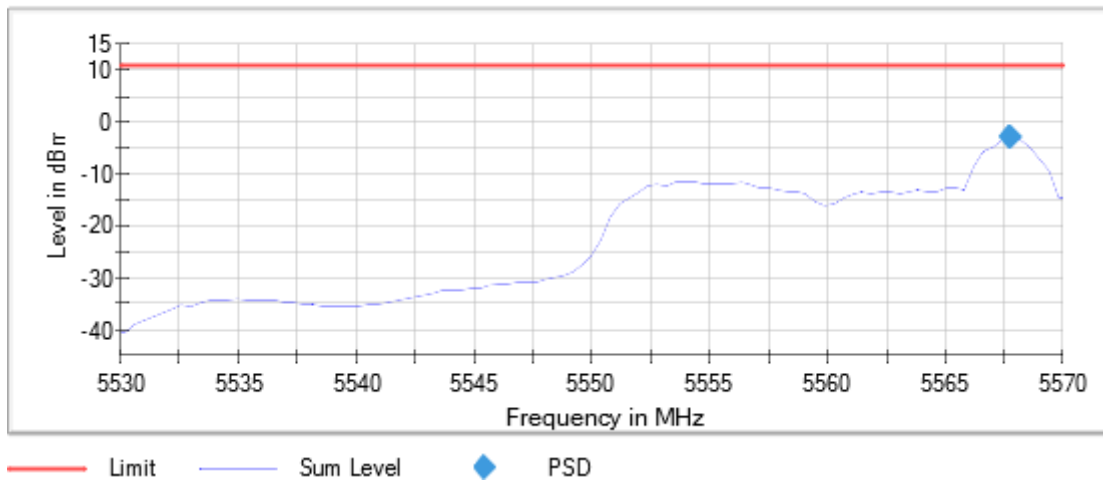
Frequency MHz = 5550.00000 Modulation = 802.11ax HE40 SS1 (OFDMA MCS9)
 TPC = No Mode = SISO
 Number of Transmission Chains = 1

Images:



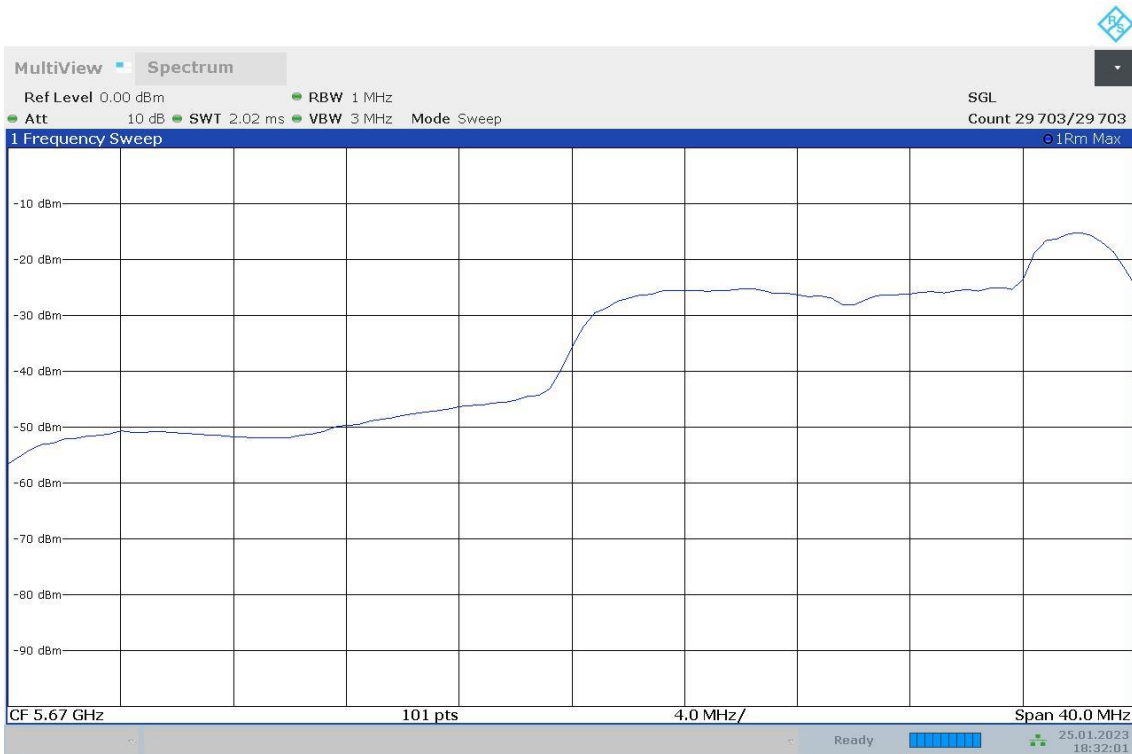
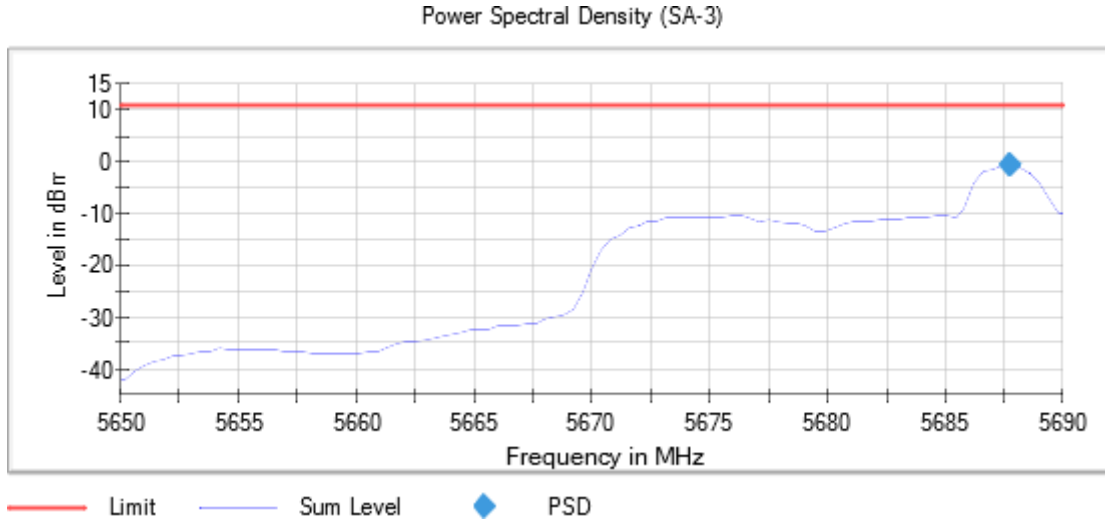
18:08:23 25.01.2023

Power Spectral Density (SA-3)



Frequency MHz = 5670.00000 Modulation = 802.11ax HE40 SS1 (OFDMA MCS9)
TPC = No Mode = SISO
Number of Transmission Chains = 1

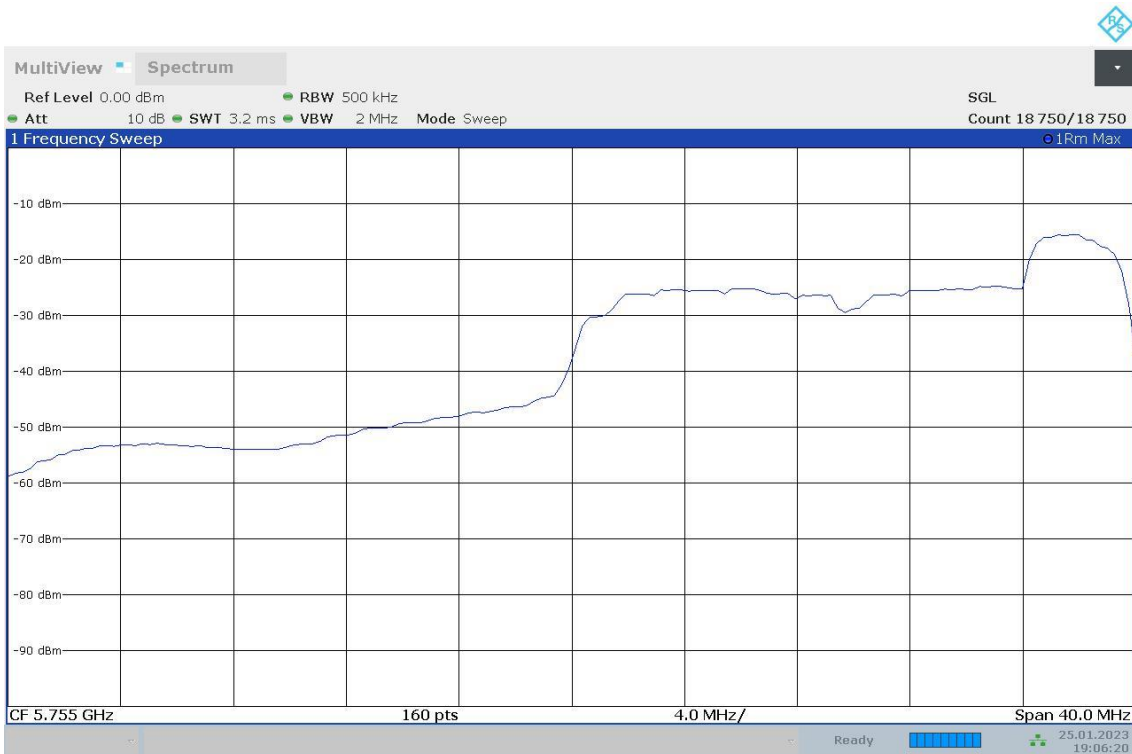
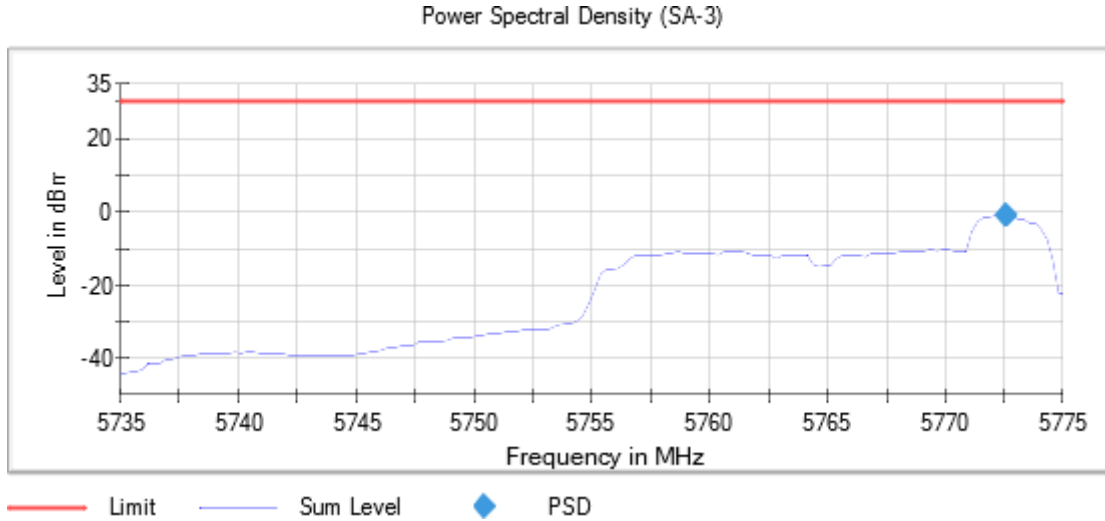
Images:



18:32:01 25.01.2023

Frequency MHz = 5755.00000 Modulation = 802.11ax HE40 SS1 (OFDMA MCS9)
TPC = No Mode = SISO
Number of Transmission Chains = 1

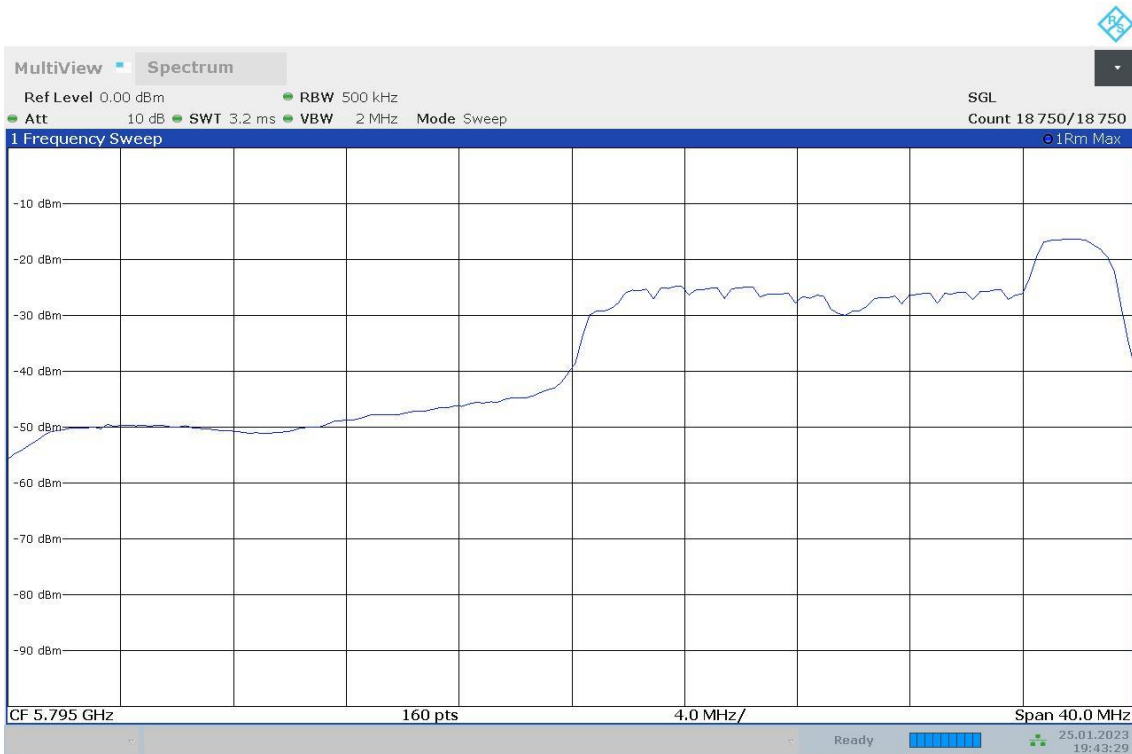
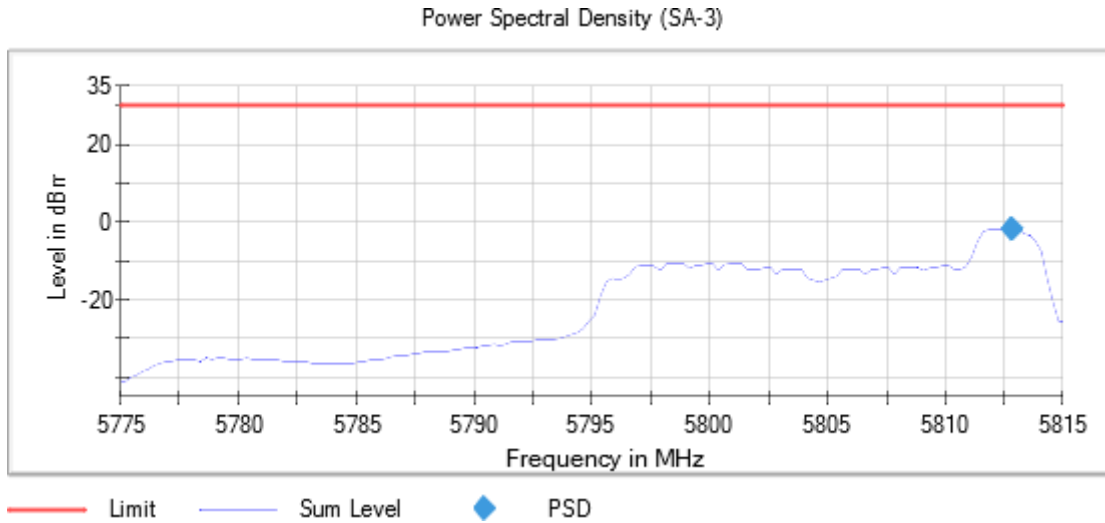
Images:



19:06:20 25.01.2023

Frequency MHz = 5795.00000 Modulation = 802.11ax HE40 SS1 (OFDMA MCS9)
TPC = No Mode = SISO
Number of Transmission Chains = 1

Images:



19:43:29 25.01.2023

Pre-test ax mode RU index

Bandwidth: 80 MHz, Lowest Channel

Maximum declared antenna gain: -2.8 dBi

| RU-Index | PSD (dBm) |
|----------|-----------|
| 0 | 1.39 |
| 18 | 2.96* |
| 36 | 1.02 |
| 67 | -1.48 |

*: Worse case

$$\Delta = \text{PSD}_{\text{par}} - \text{PSD}_{\text{full}} = 1.96$$

Mode: SISO

Modulation: 802.11ax HE80 SS1 (OFDMA MCS11) – Full RU

Results

| Freq (MHz) | Marker Freq (MHz) | PSD (dBm) |
|------------|-------------------|-----------|
| 5210.00000 | 5218.750000 | -16.07 |
| 5290.00000 | 5284.250000 | -16.66 |
| 5530.00000 | 5539.250000 | -17.94 |
| 5610.00000 | 5615.250000 | -18.19 |
| 5775.00000 | 5780.375000 | -17.35 |

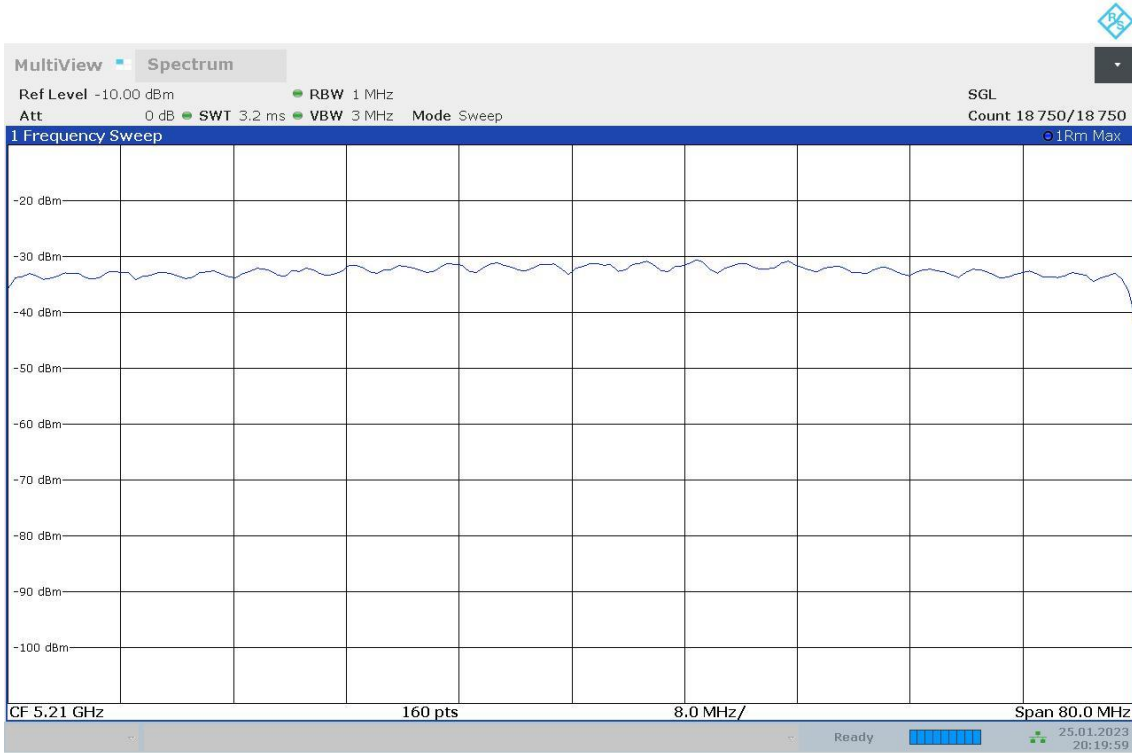
Verdict

Pass

Attachments

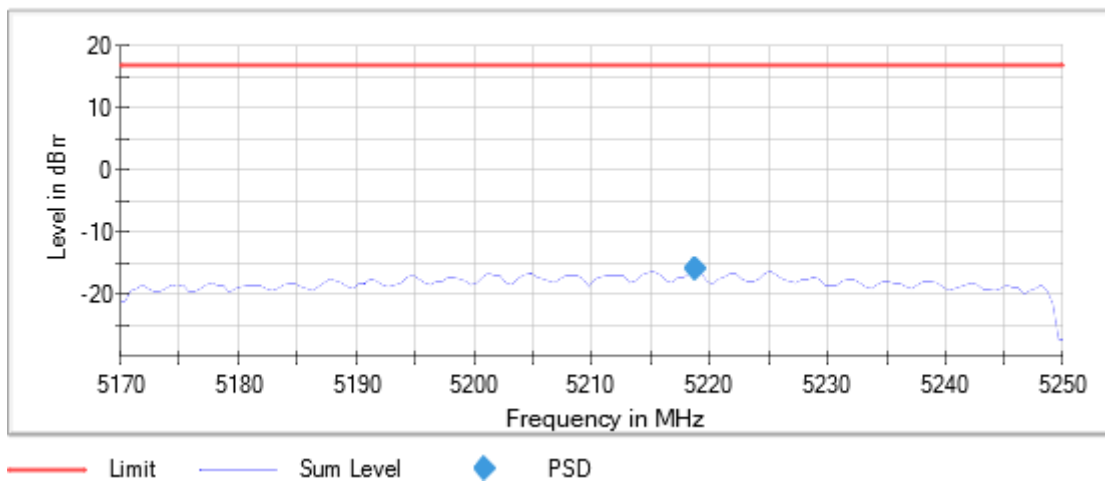
Frequency MHz = 5210.00000 Modulation = 802.11ax HE80 SS1 (OFDMA MCS11)
TPC = No Mode = SISO
Number of Transmission Chains = 1

Images:



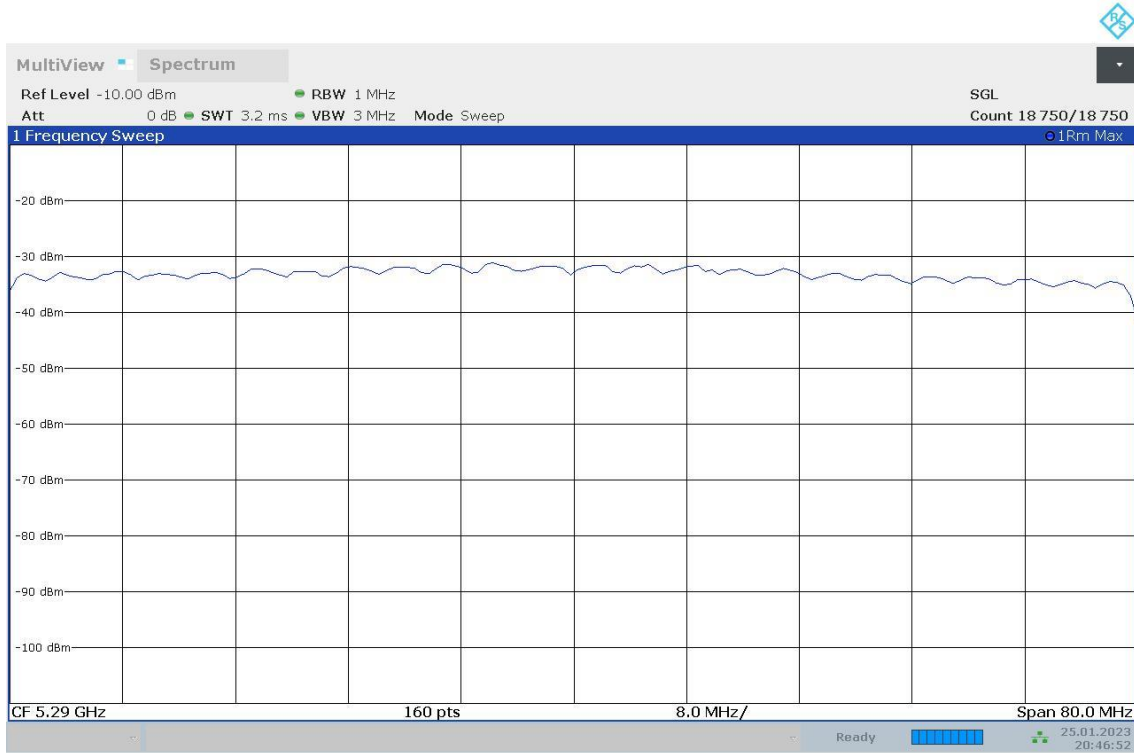
20:20:00 25.01.2023

Power Spectral Density (SA-3)



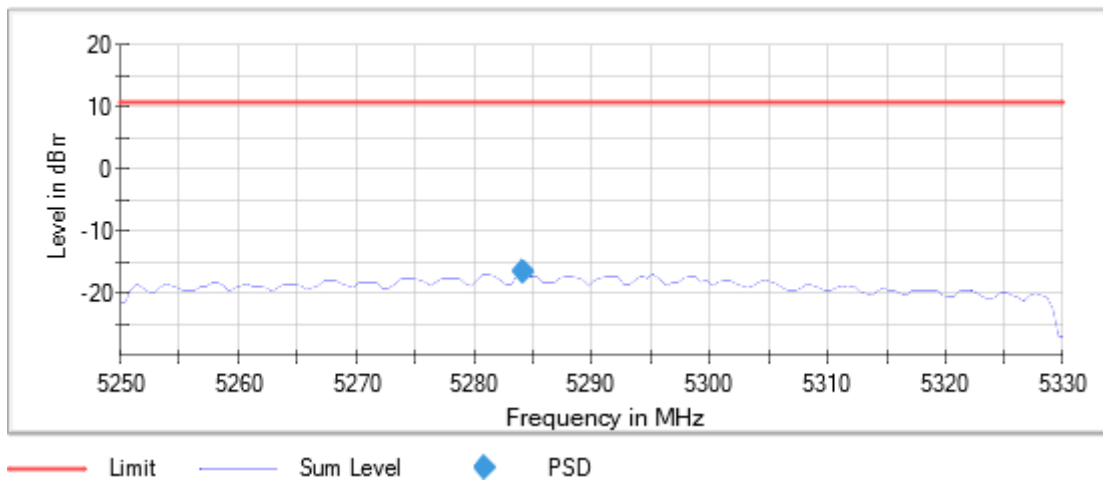
Frequency MHz = 5290.00000 Modulation = 802.11ax HE80 SS1 (OFDMA MCS11)
TPC = No Mode = SISO
Number of Transmission Chains = 1

Images:



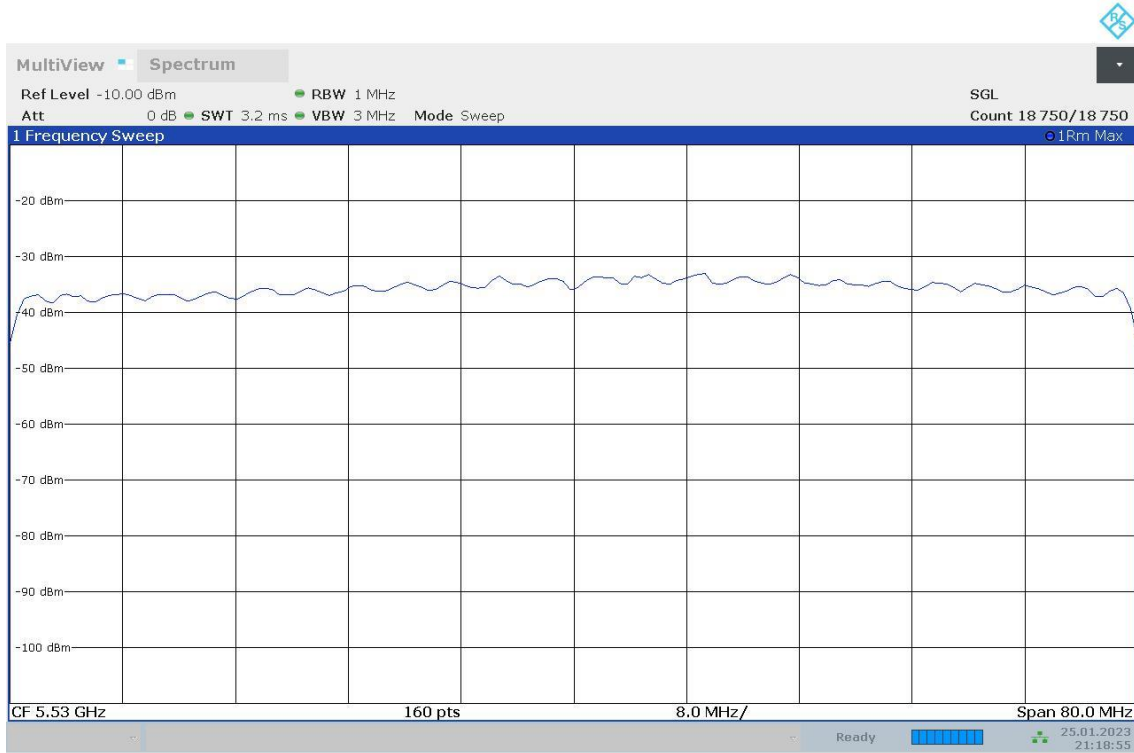
20:46:52 25.01.2023

Power Spectral Density (SA-3)



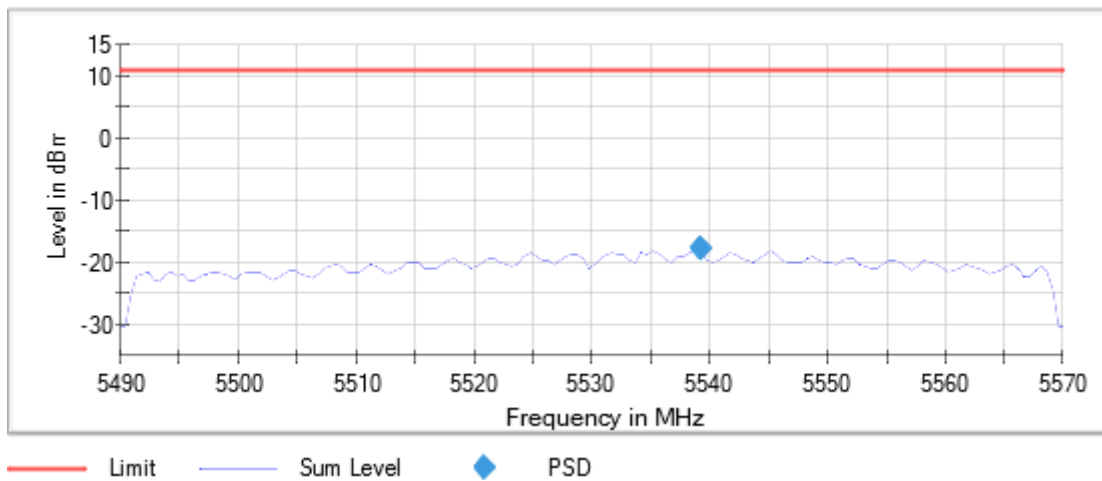
Frequency MHz = 5530.00000 Modulation = 802.11ax HE80 SS1 (OFDMA MCS11)
TPC = No Mode = SISO
Number of Transmission Chains = 1

Images:



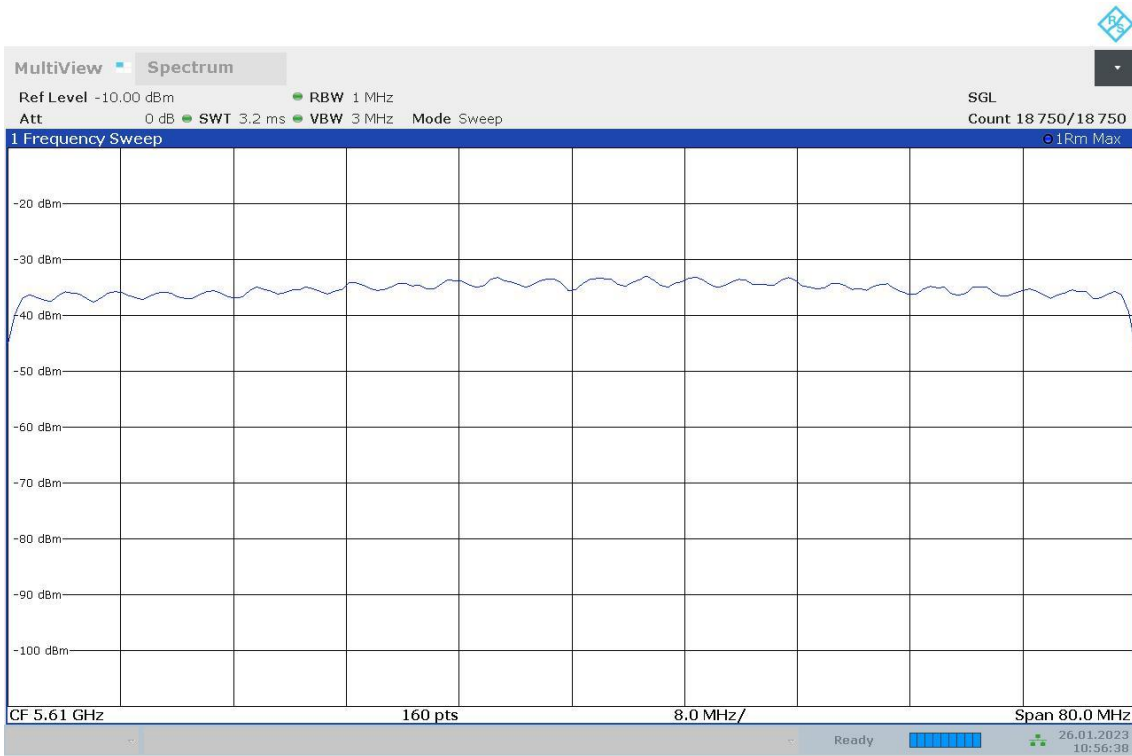
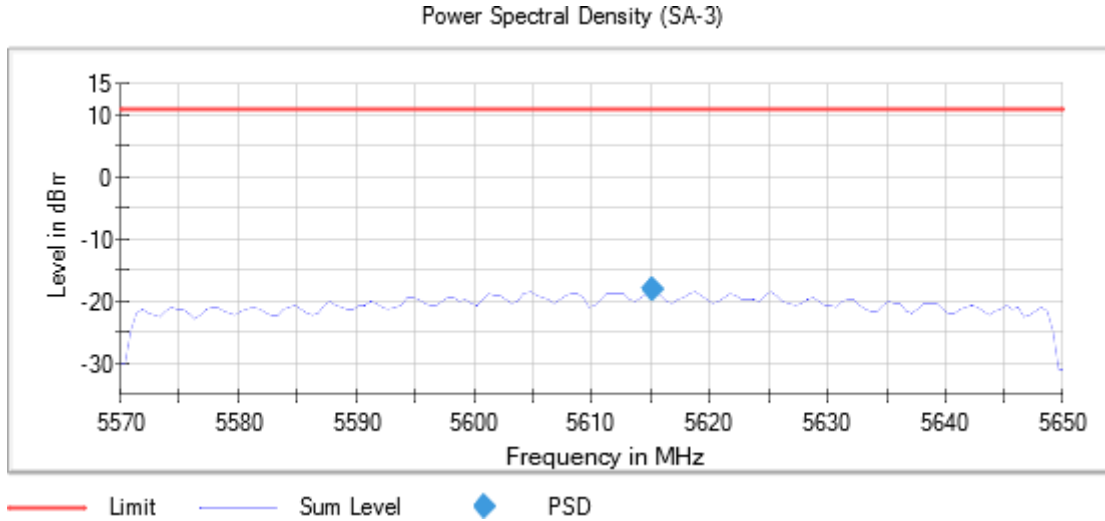
21:18:56 25.01.2023

Power Spectral Density (SA-3)



Frequency MHz = 5610.00000 Modulation = 802.11ax HE80 SS1 (OFDMA MCS11)
TPC = No Mode = SISO
Number of Transmission Chains = 1

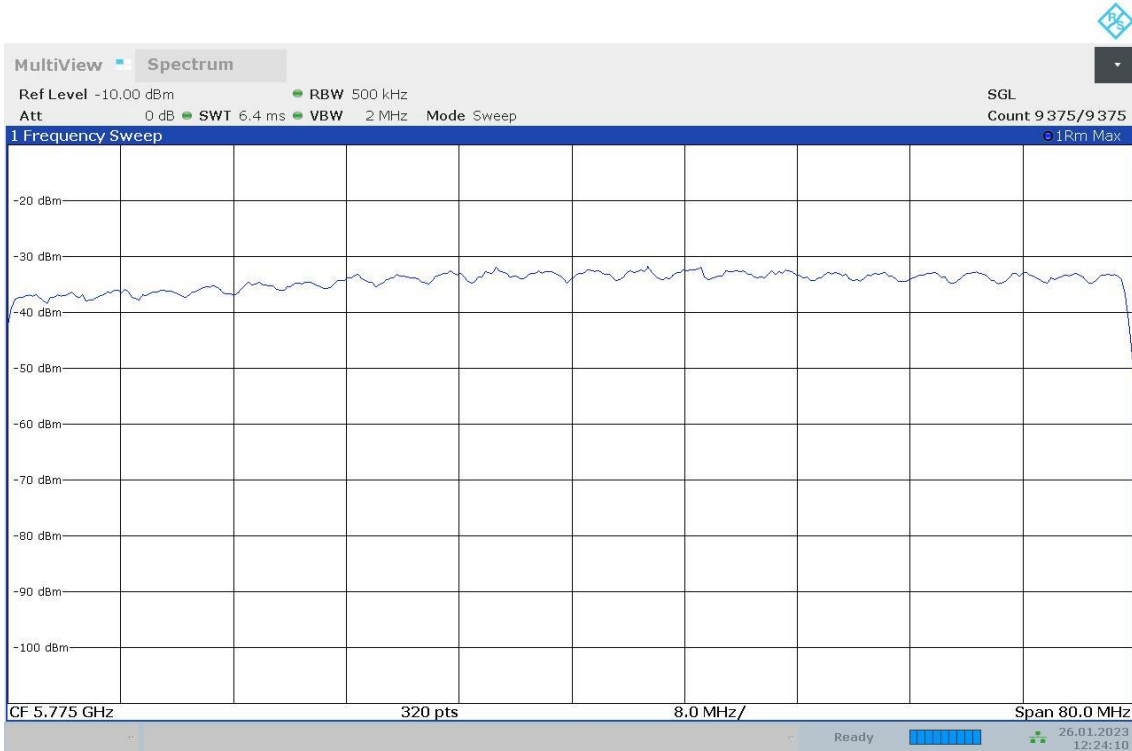
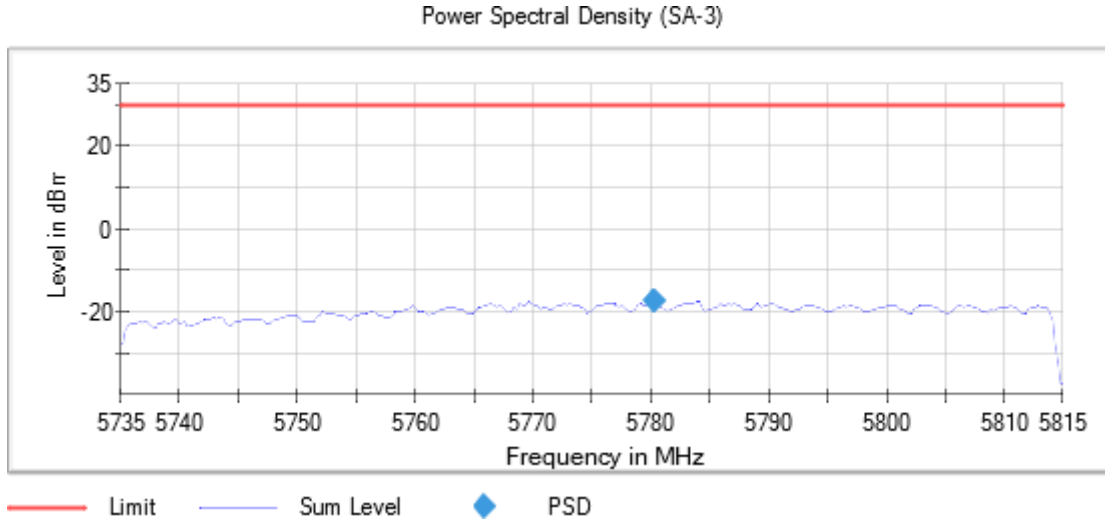
Images:



10:56:39 26.01.2023

Frequency MHz = 5775.00000 Modulation = 802.11ax HE80 SS1 (OFDMA MCS11)
TPC = No Mode = SISO
Number of Transmission Chains = 1

Images:



12:24:10 26.01.2023

Mode: SISO

Modulation: 802.11ax HE80 SS1 (OFDMA MCS11) – Partial RU

Results

| Freq (MHz) | Marker Freq (MHz) | PSD (dBm) |
|------------|-------------------|-----------|
| 5210.00000 | 5171.750000 | -0.14 |
| 5290.00000 | 5251.750000 | -0.34 |
| 5530.00000 | 5491.750000 | -3.39 |
| 5610.00000 | 5571.750000 | -2.54 |
| 5775.00000 | 5736.375000 | -3.79 |

Verdict

Pass