

Frequency MHz = 5745.00000

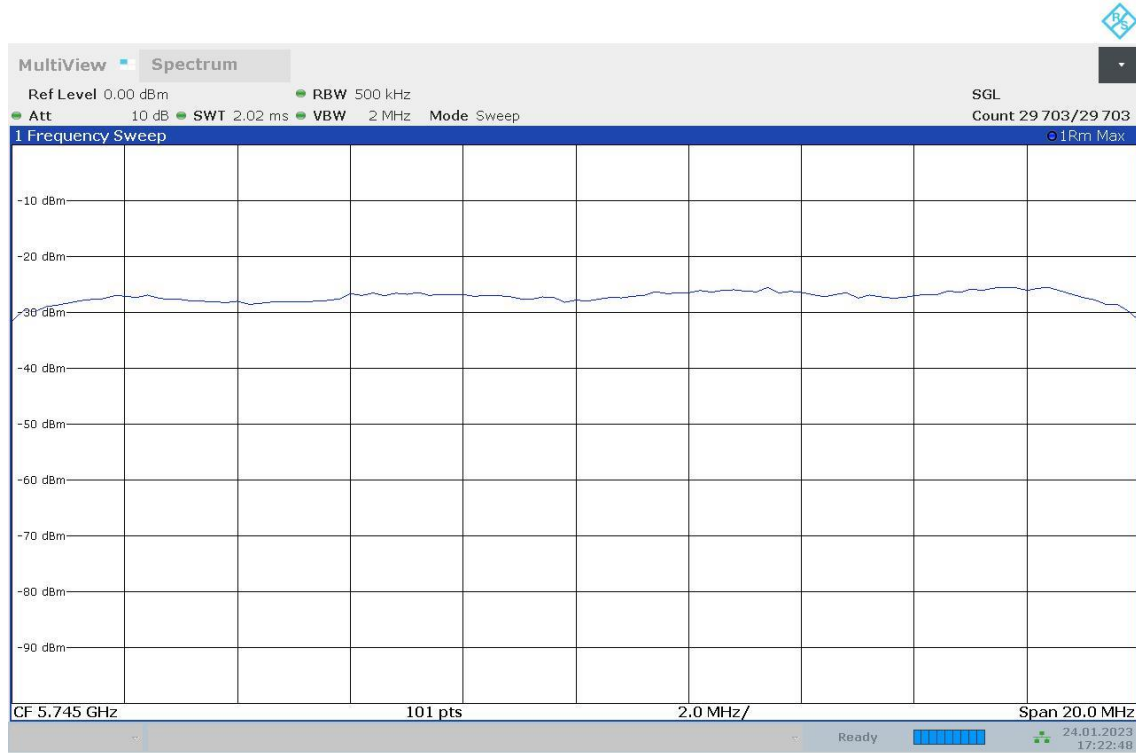
Modulation = 802.11ax HE20 (OFDMA MCS8)

TPC = No

Mode = SISO

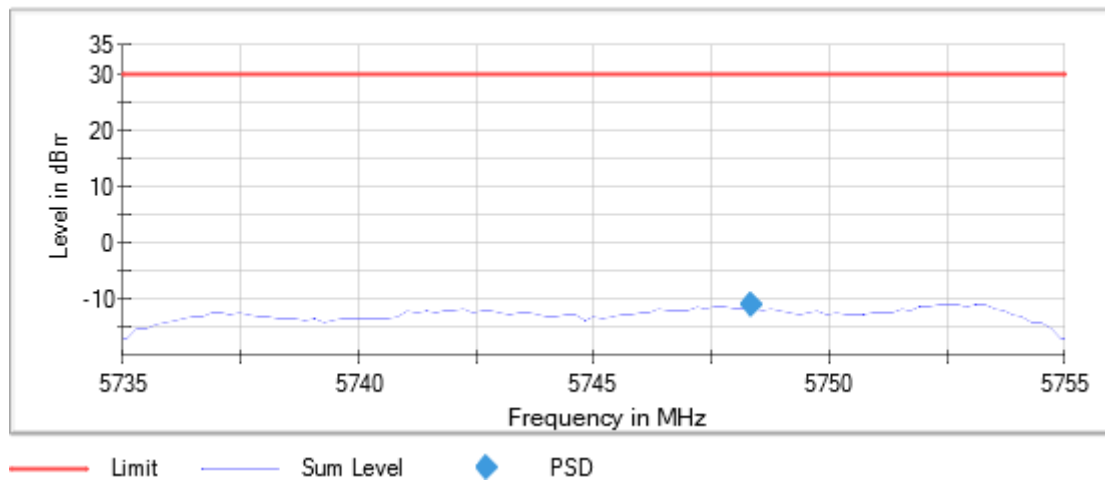
Number of Transmission Chains = 1

Images:



17:22:49 24.01.2023

Power Spectral Density (SA-3)



Frequency MHz = 5785.00000

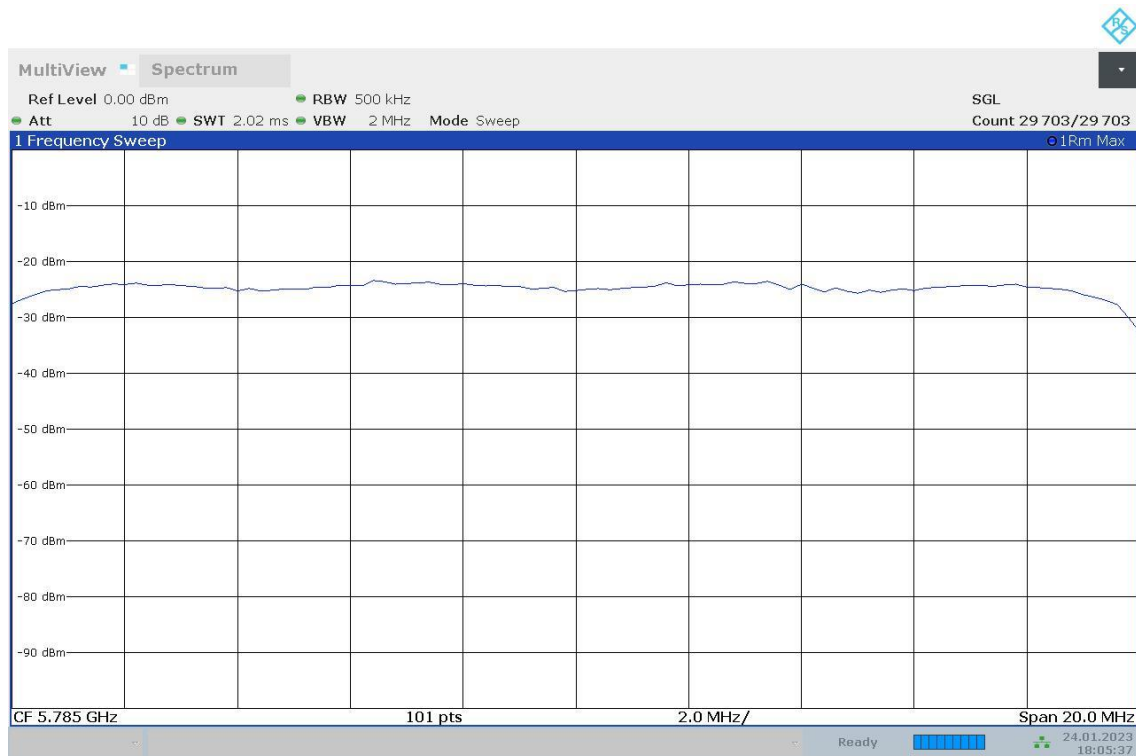
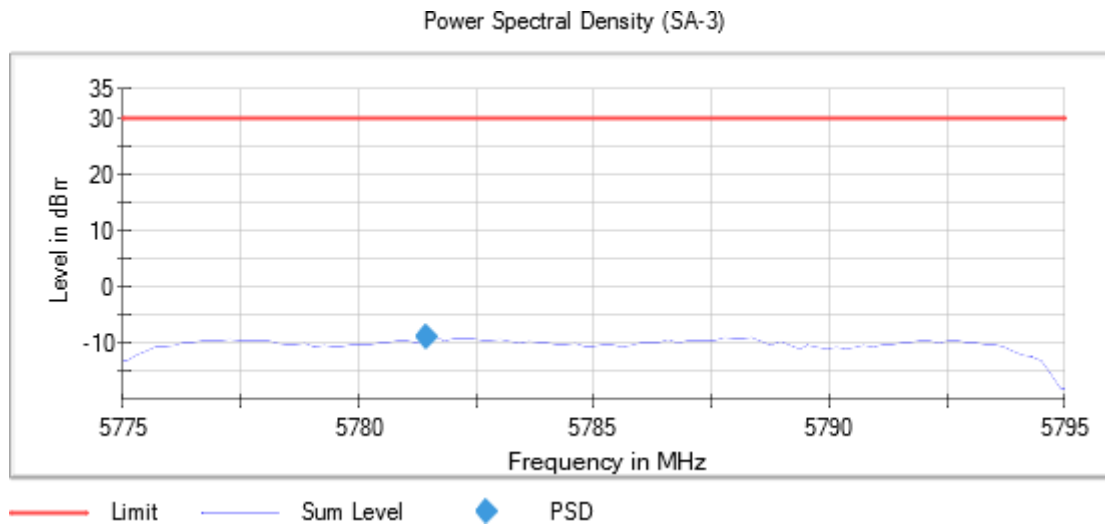
Modulation = 802.11ax HE20 (OFDMA MCS8)

TPC = No

Mode = SISO

Number of Transmission Chains = 1

Images:



18:05:38 24.01.2023

Frequency MHz = 5825.00000

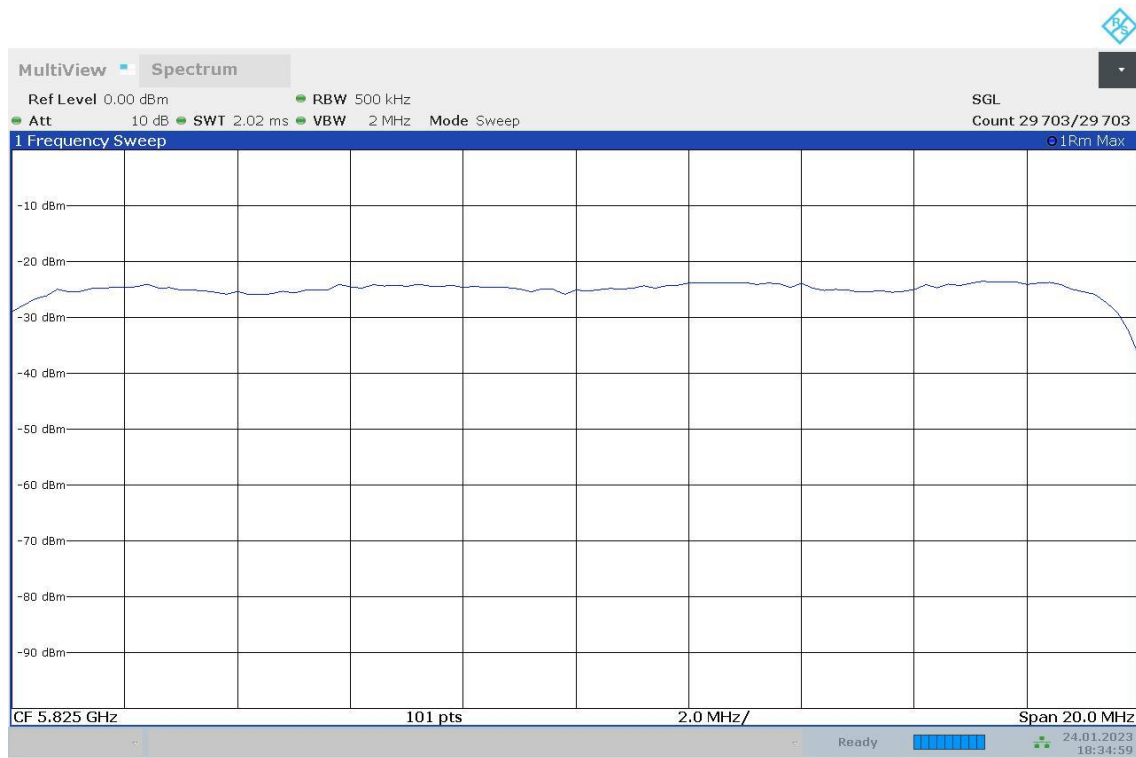
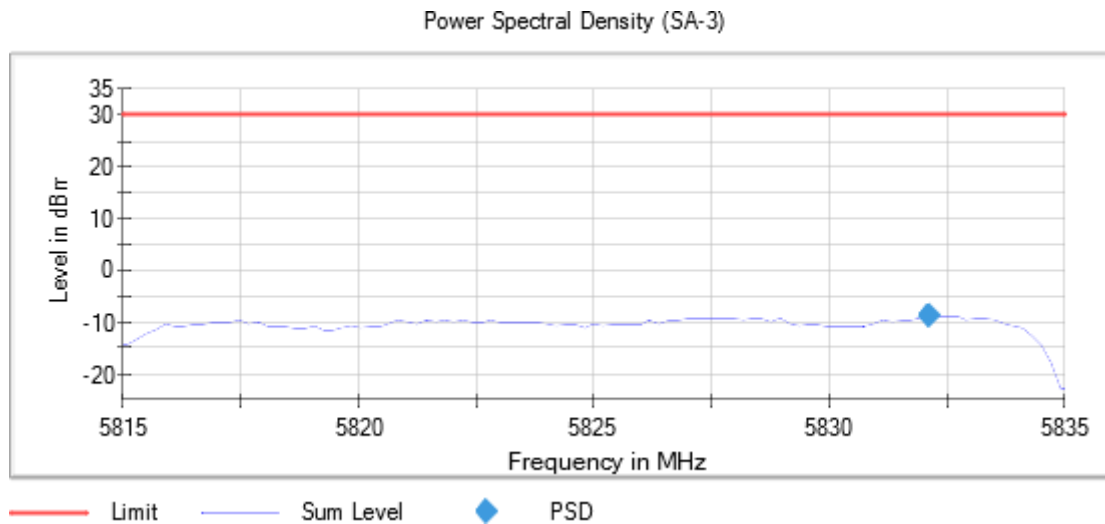
Modulation = 802.11ax HE20 (OFDMA MCS8)

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

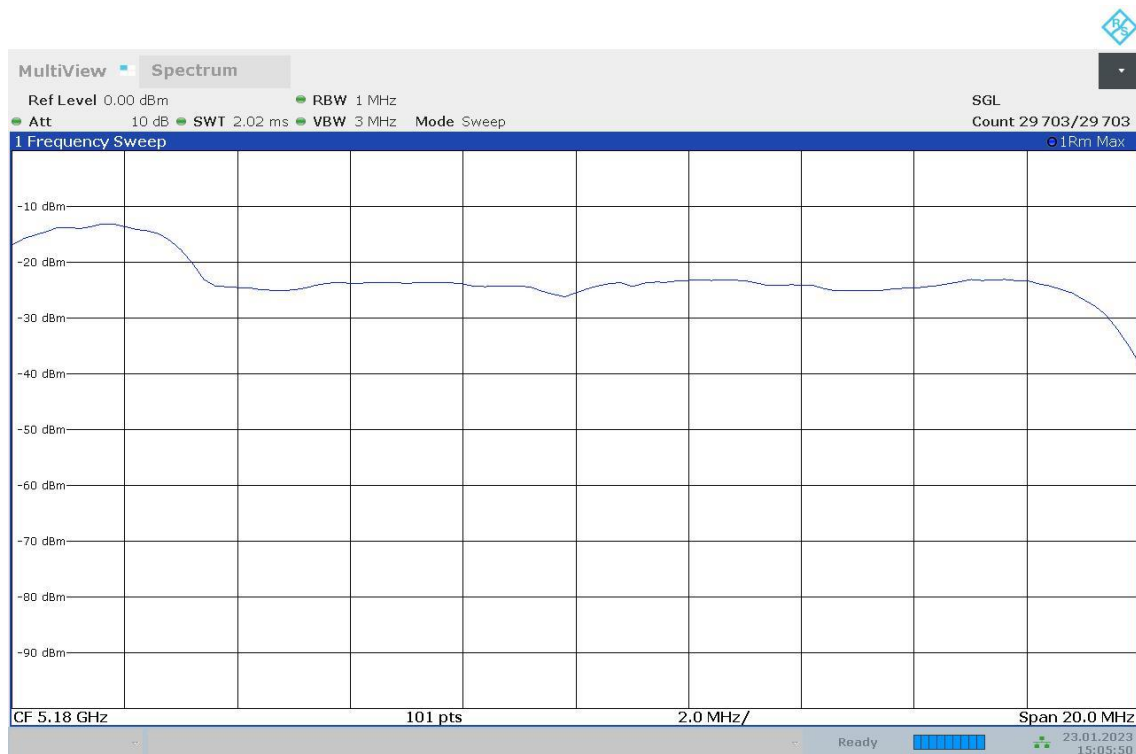
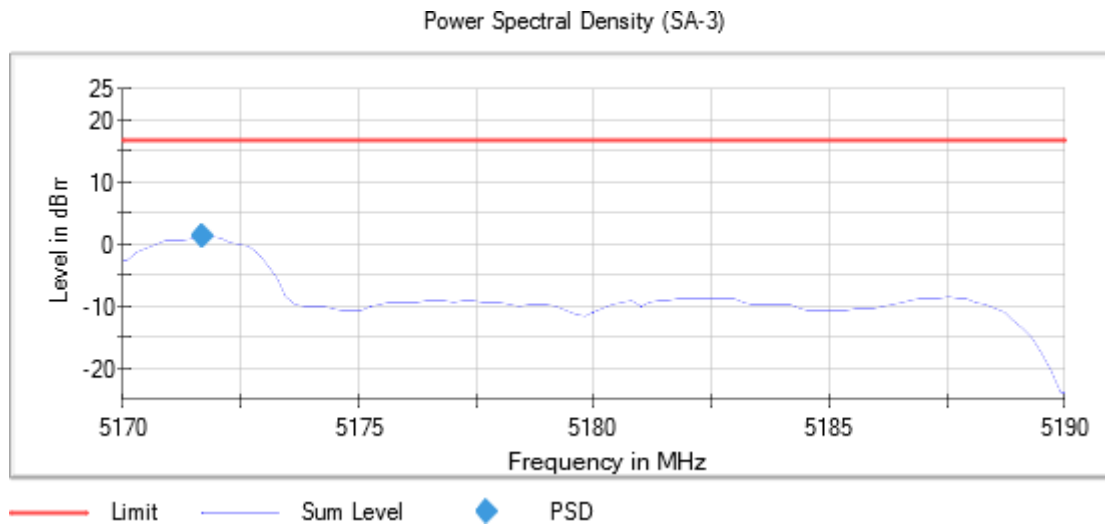
Modulation = 802.11ax HE20 SS1 (OFDMA MCS8)

TPC = No

Mode = SISO

Number of Transmission Chains = 1

Images:



15:05:51 23.01.2023

Frequency MHz = 5200.00000

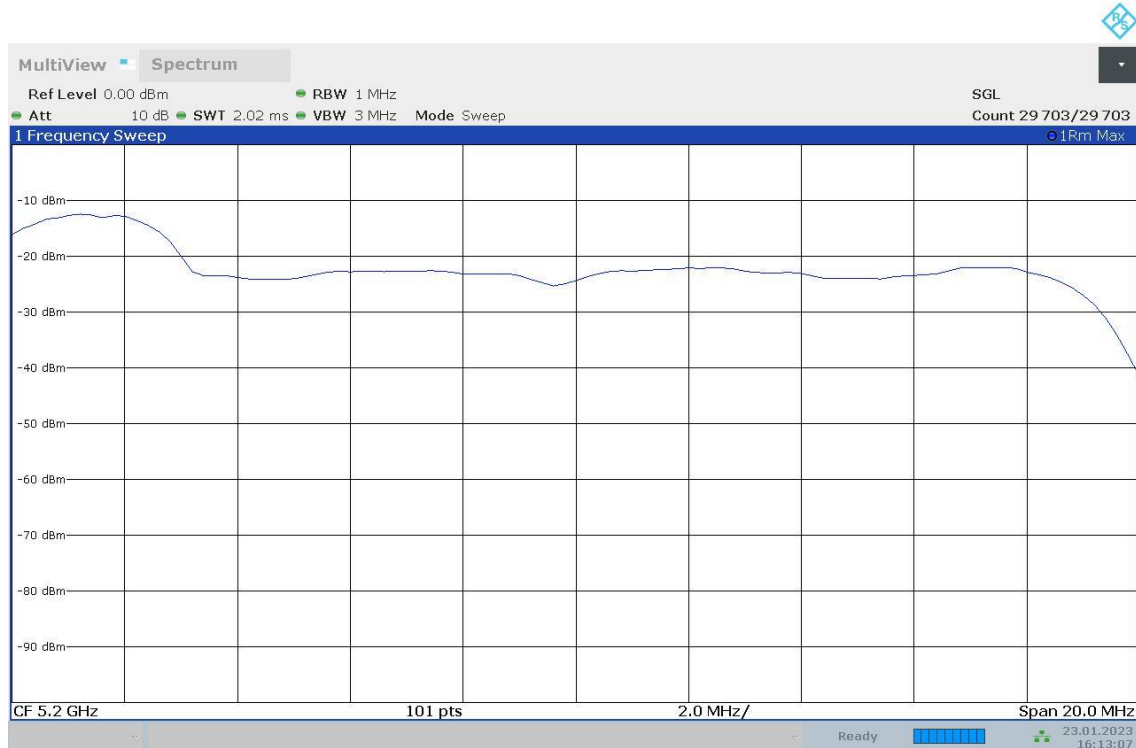
Modulation = 802.11ax HE20 SS1 (OFDMA MCS8)

TPC = No

Mode = SISO

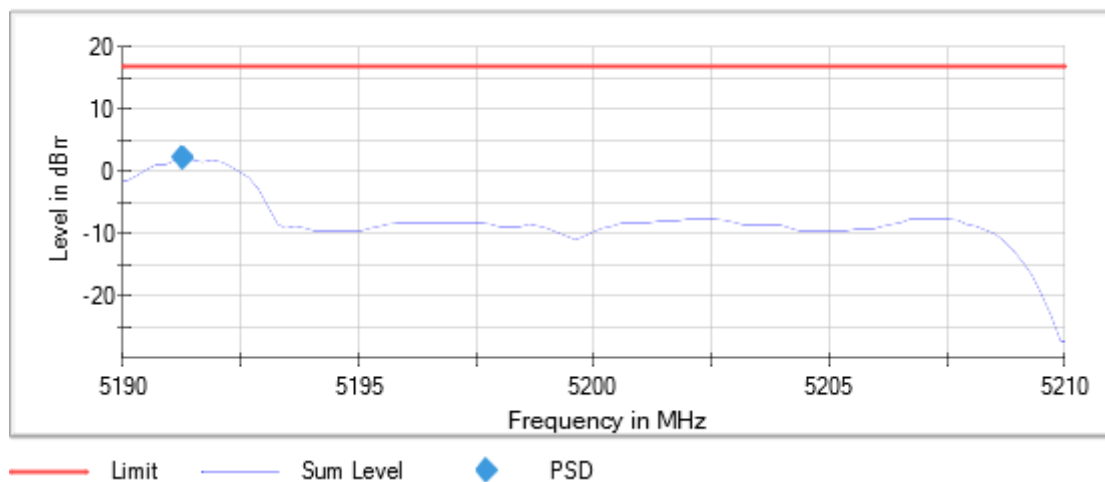
Number of Transmission Chains = 1

Images:



16:13:08 23.01.2023

Power Spectral Density (SA-3)



Frequency MHz = 5240.00000

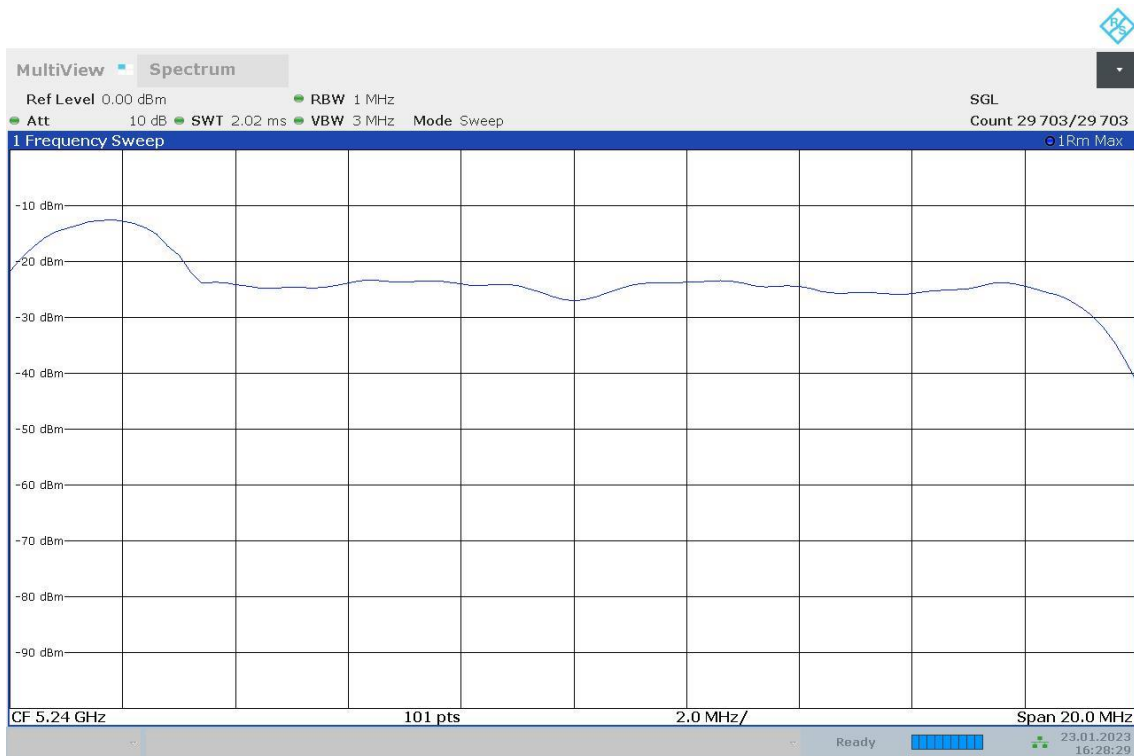
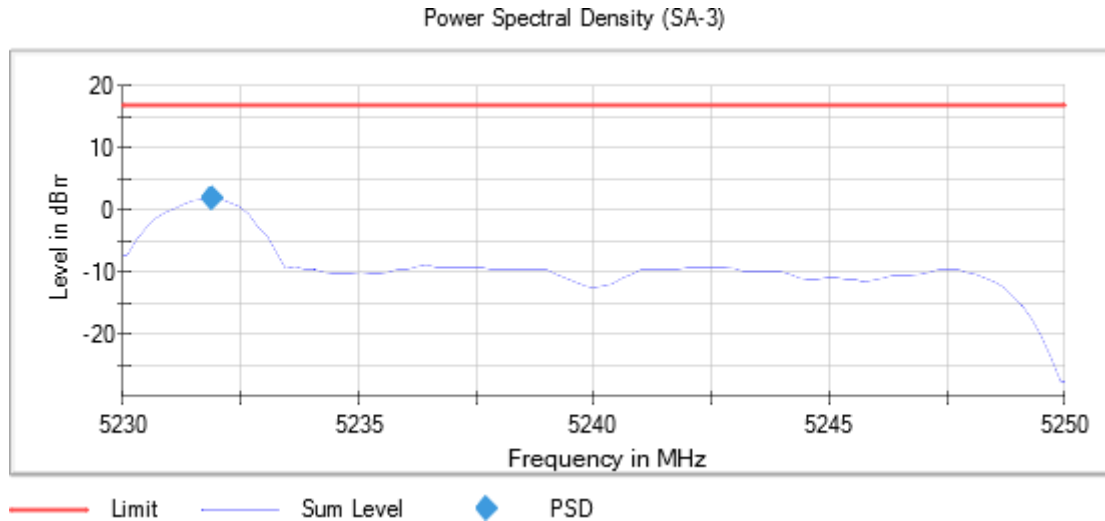
Modulation = 802.11ax HE20 SS1 (OFDMA MCS8)

TPC = No

Mode = SISO

Number of Transmission Chains = 1

Images:



16:28:29 23.01.2023

Frequency MHz = 5260.00000

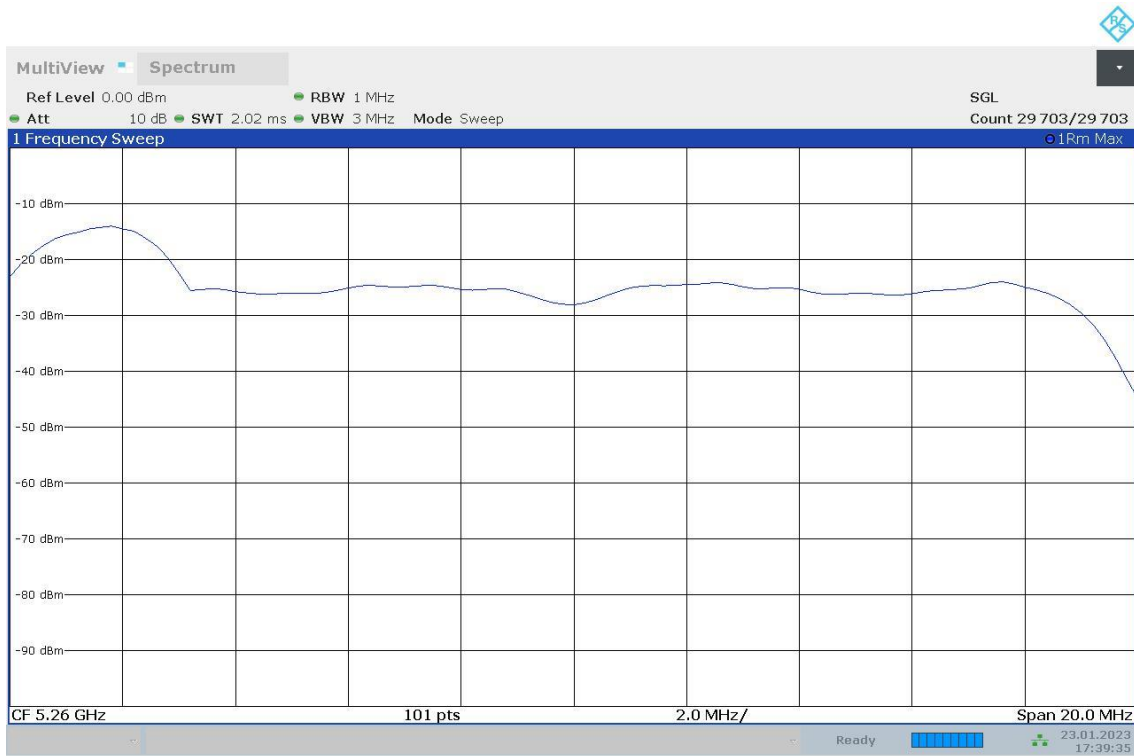
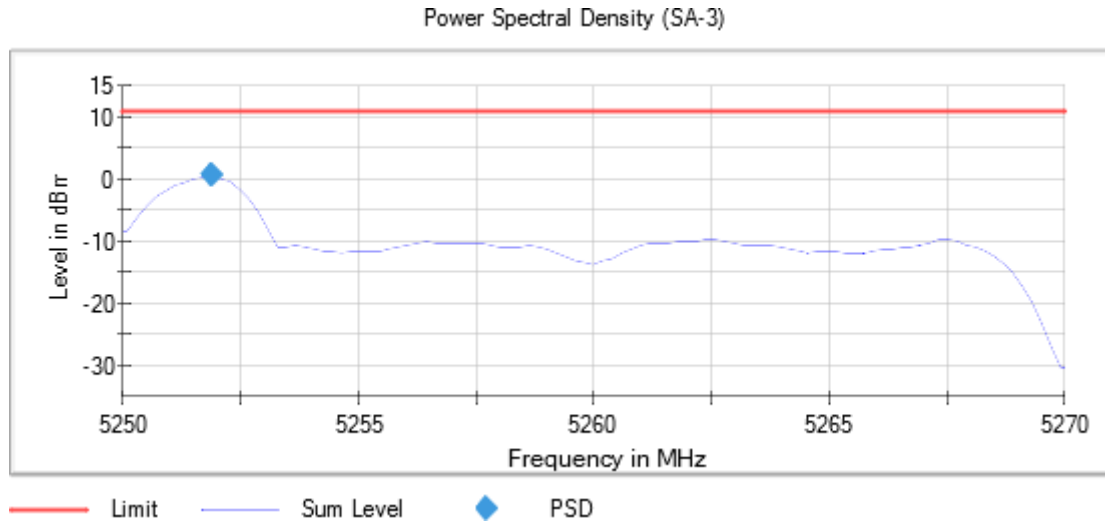
Modulation = 802.11ax HE20 SS1 (OFDMA MCS8)

TPC = No

Mode = SISO

Number of Transmission Chains = 1

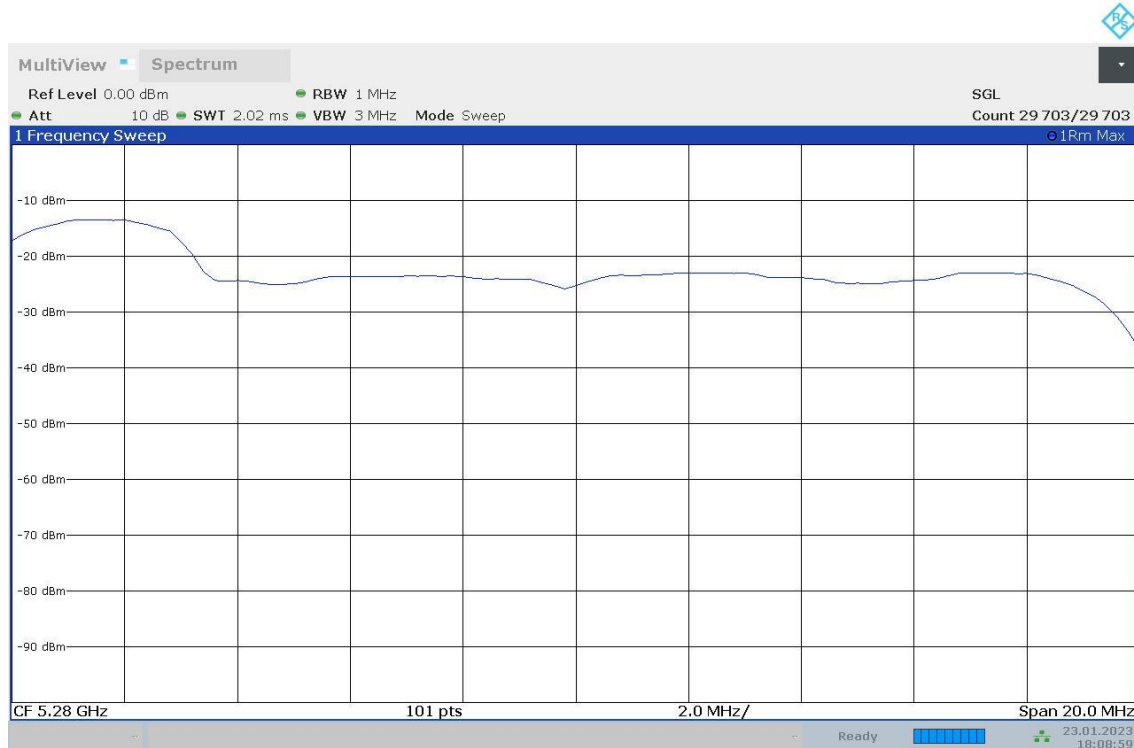
Images:



17:39:36 23.01.2023

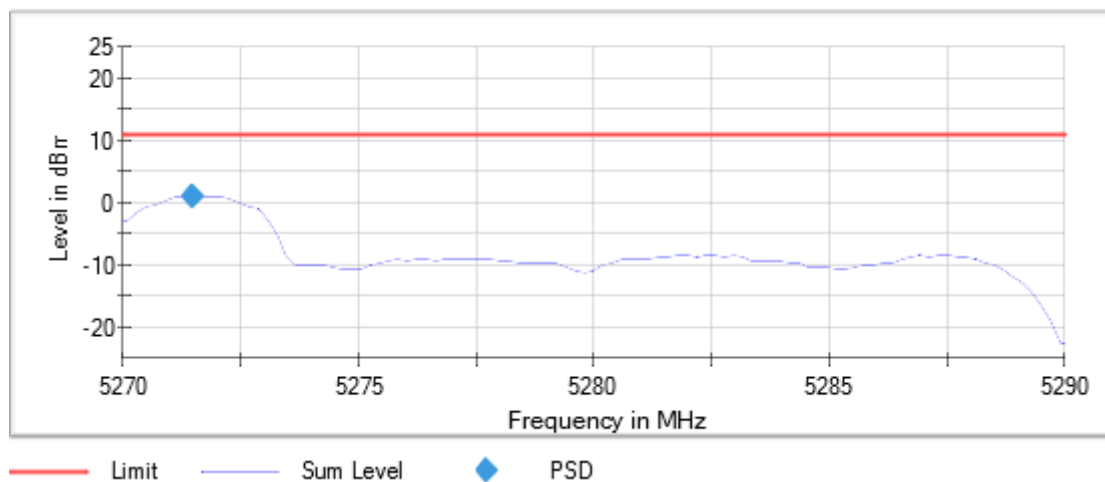
Frequency MHz = 5280.00000 Modulation = 802.11ax HE20 SS1 (OFDMA MCS8)
TPC = No Mode = SISO
Number of Transmission Chains = 1

Images:



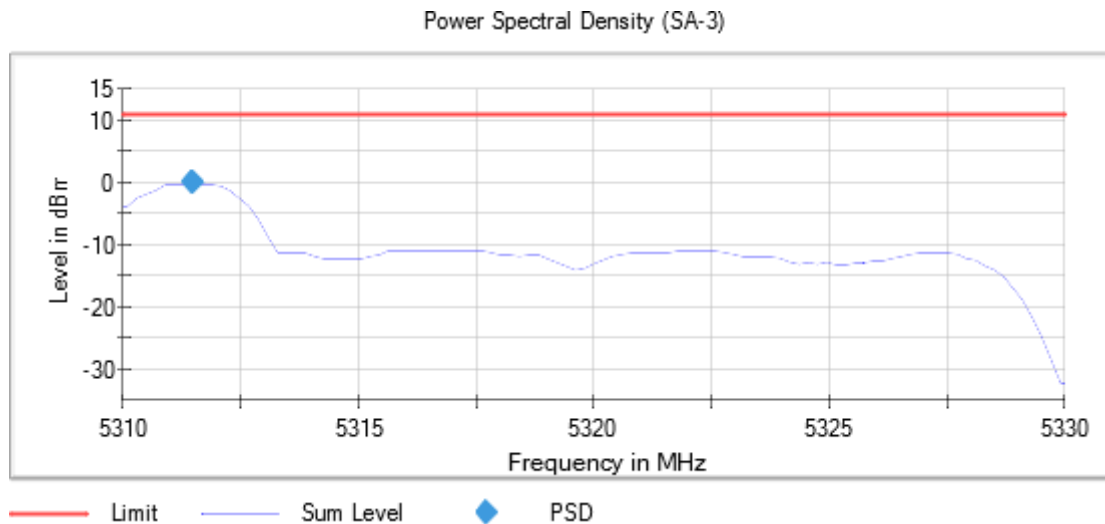
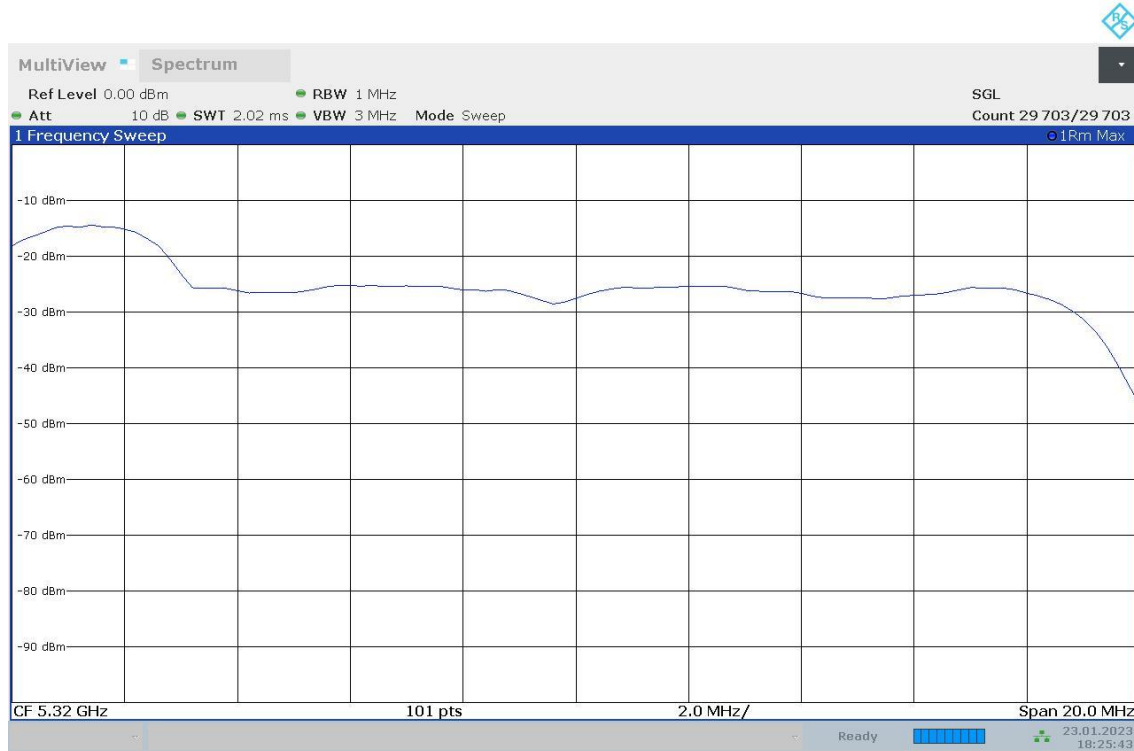
18:09:00 23.01.2023

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:



Frequency MHz = 5500.00000

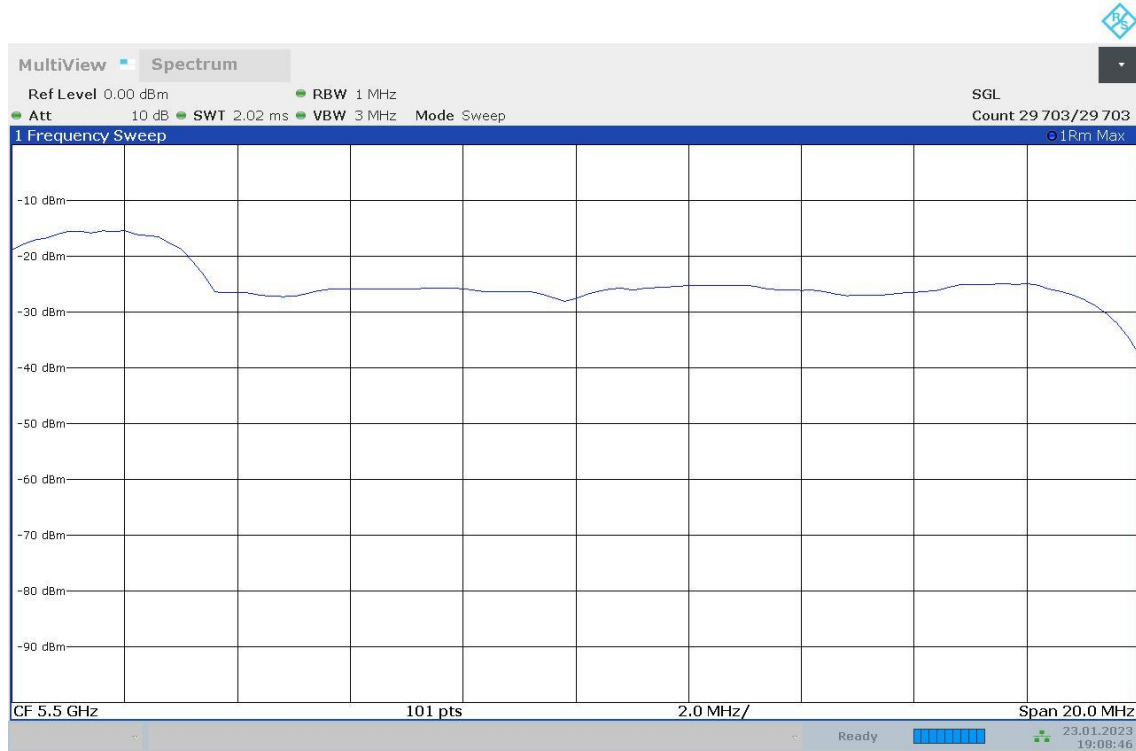
Modulation = 802.11ax HE20 SS1 (OFDMA MCS8)

TPC = No

Mode = SISO

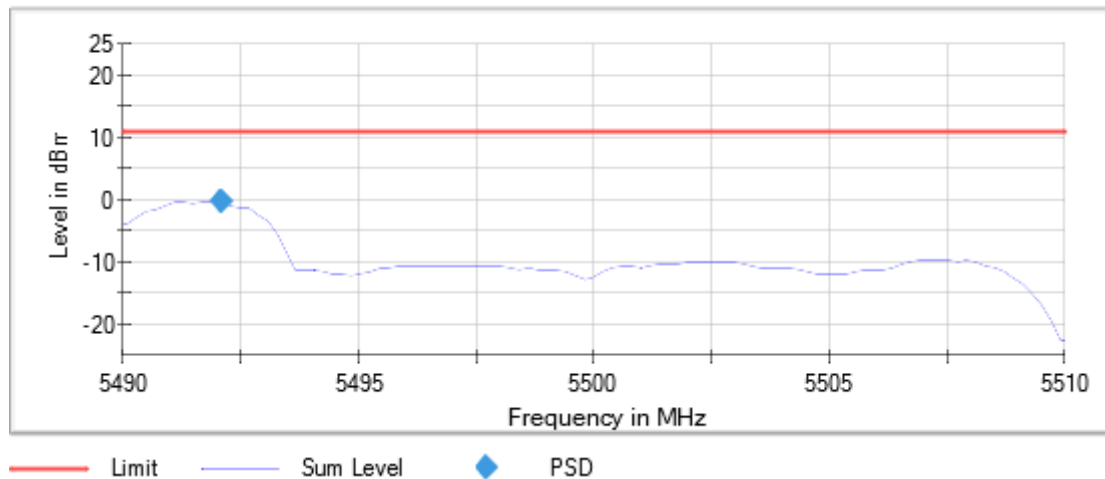
Number of Transmission Chains = 1

Images:



19:08:46 23.01.2023

Power Spectral Density (SA-3)



Frequency MHz = 5580.00000

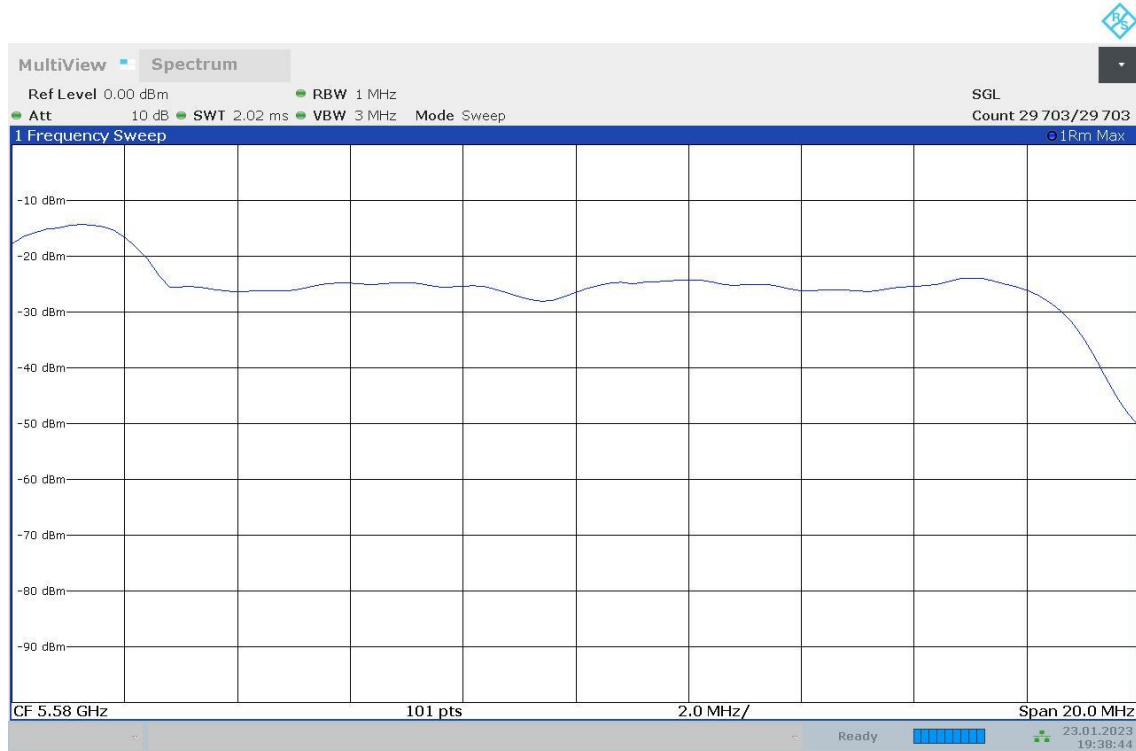
Modulation = 802.11ax HE20 SS1 (OFDMA MCS8)

TPC = No

Mode = SISO

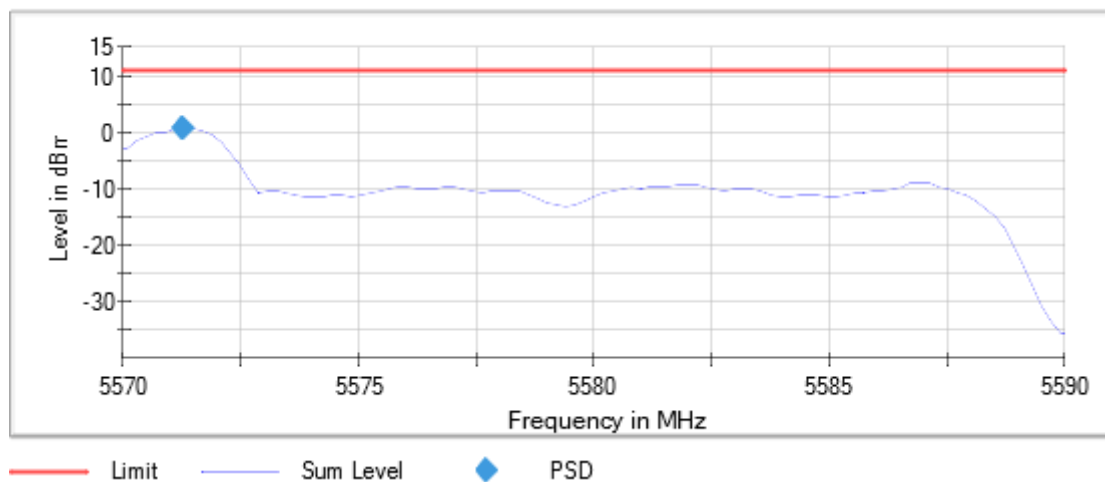
Number of Transmission Chains = 1

Images:



19:38:44 23.01.2023

Power Spectral Density (SA-3)



Frequency MHz = 5700.00000

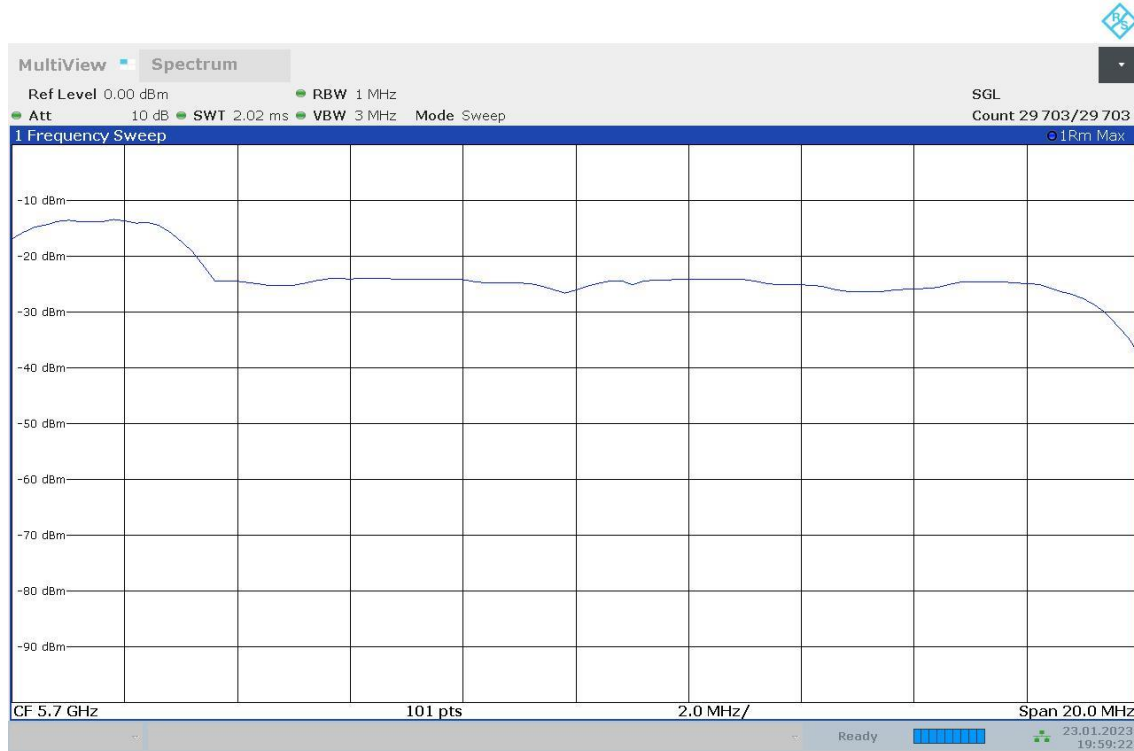
Modulation = 802.11ax HE20 SS1 (OFDMA MCS8)

TPC = No

Mode = SISO

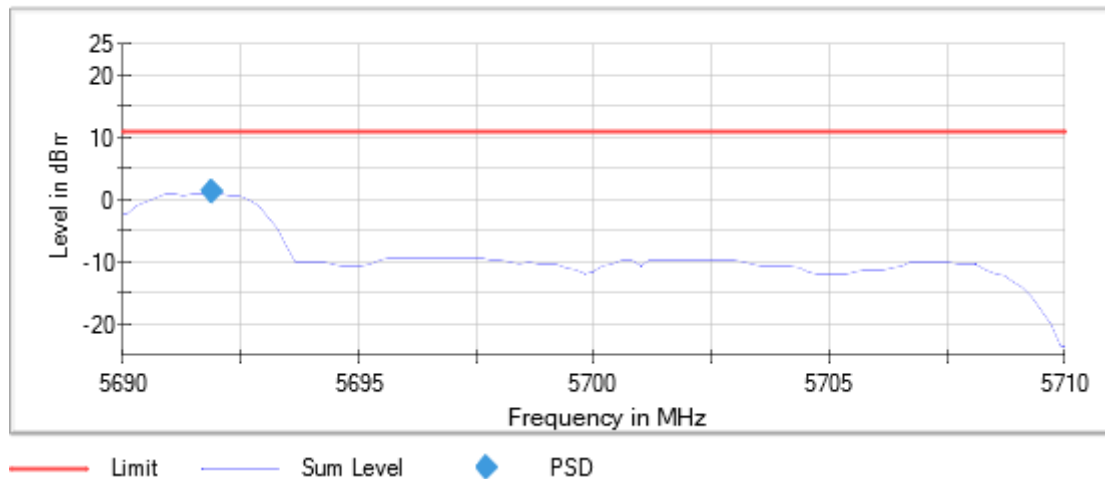
Number of Transmission Chains = 1

Images:



19:59:23 23.01.2023

Power Spectral Density (SA-3)



Frequency MHz = 5745.00000

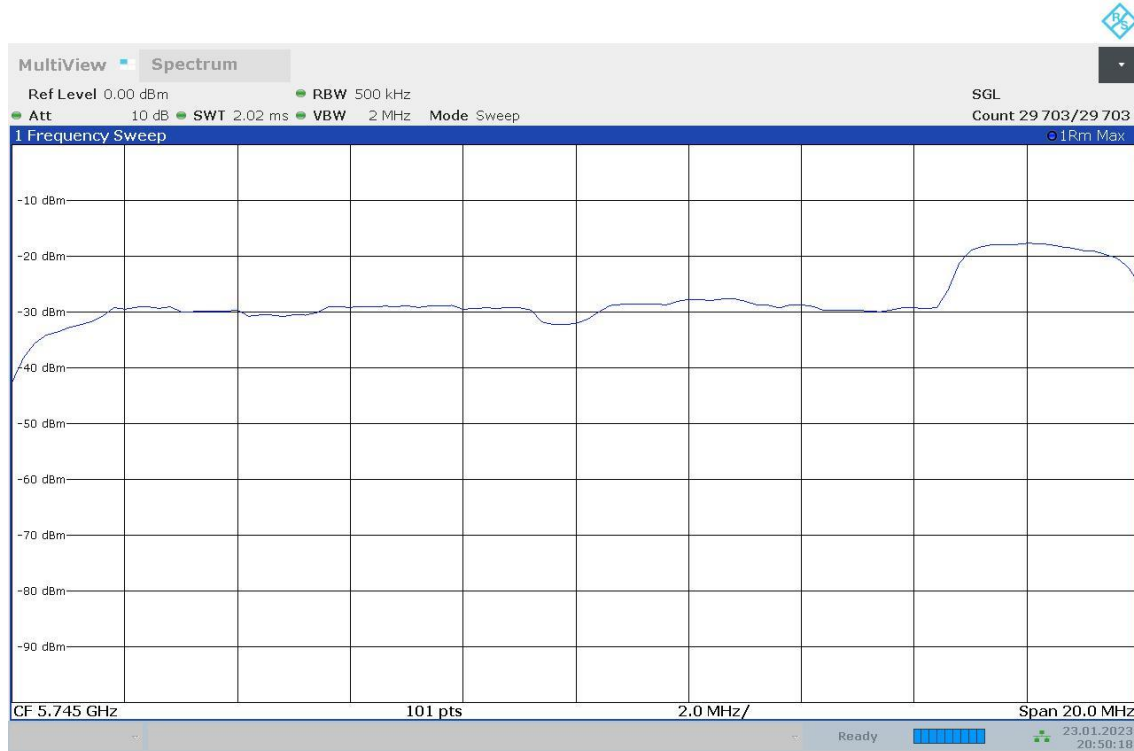
Modulation = 802.11ax HE20 SS1 (OFDMA MCS8)

TPC = No

Mode = SISO

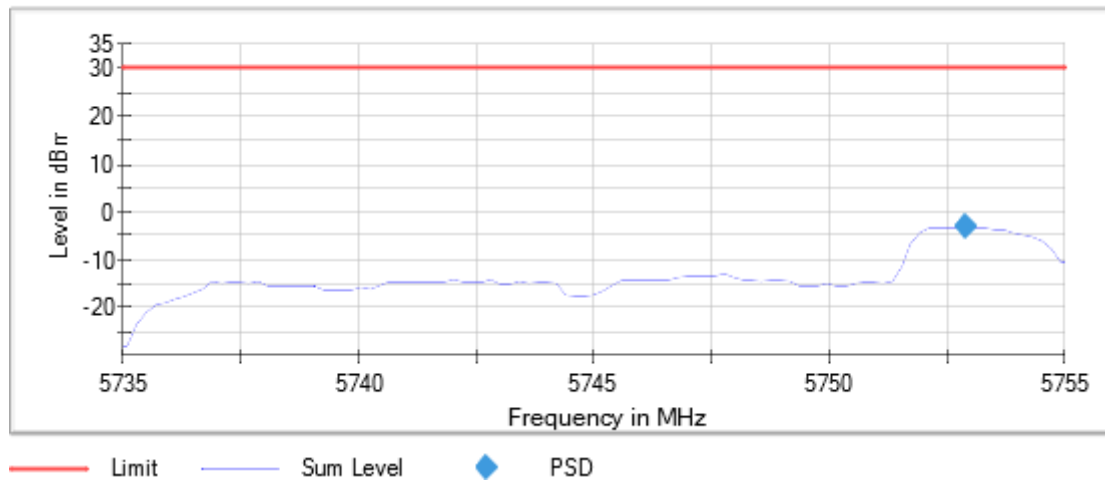
Number of Transmission Chains = 1

Images:



20:50:19 23.01.2023

Power Spectral Density (SA-3)



Frequency MHz = 5785.00000

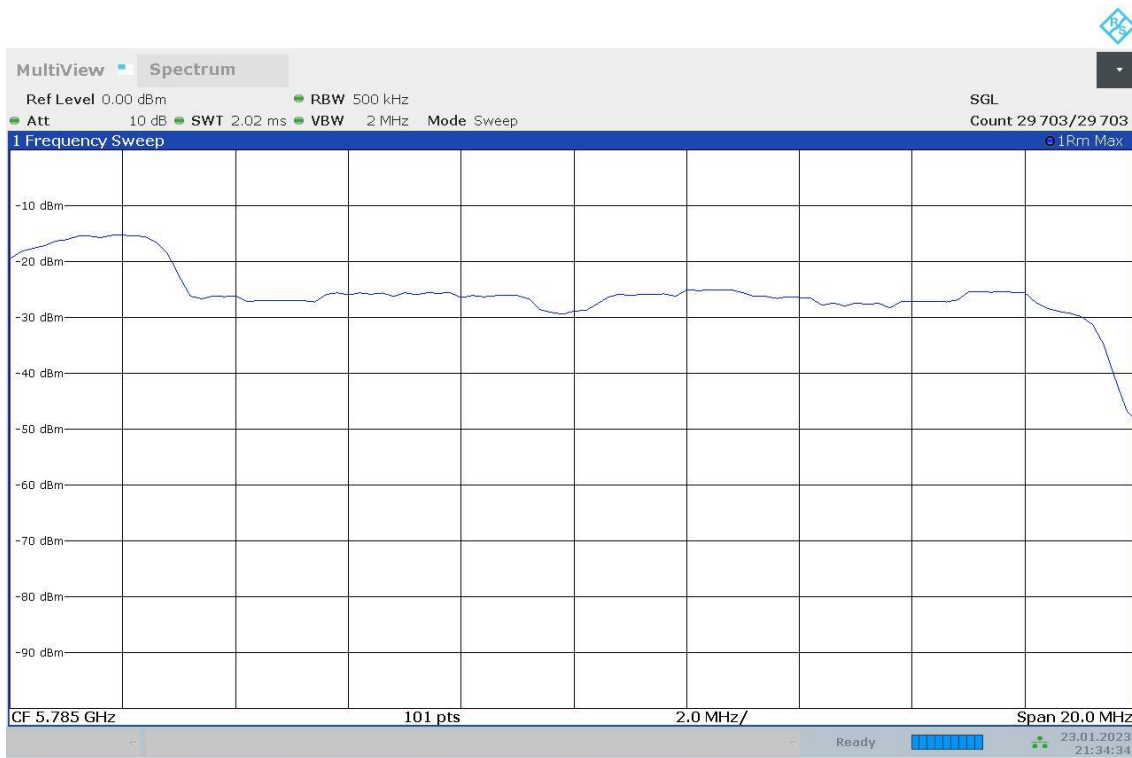
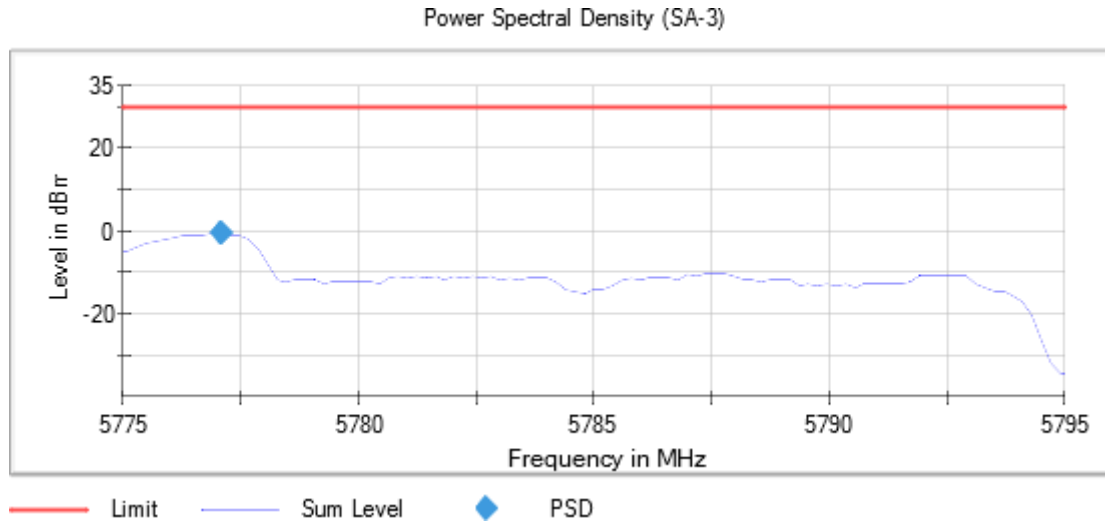
Modulation = 802.11ax HE20 SS1 (OFDMA MCS8)

TPC = No

Mode = SISO

Number of Transmission Chains = 1

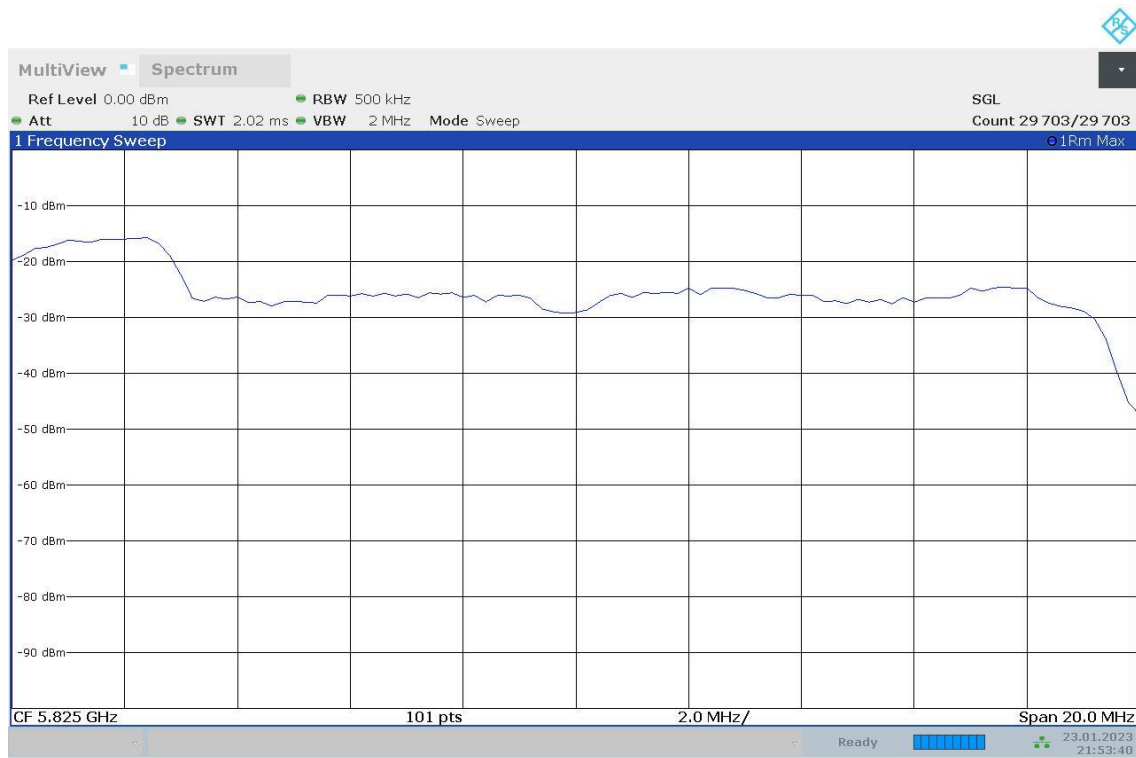
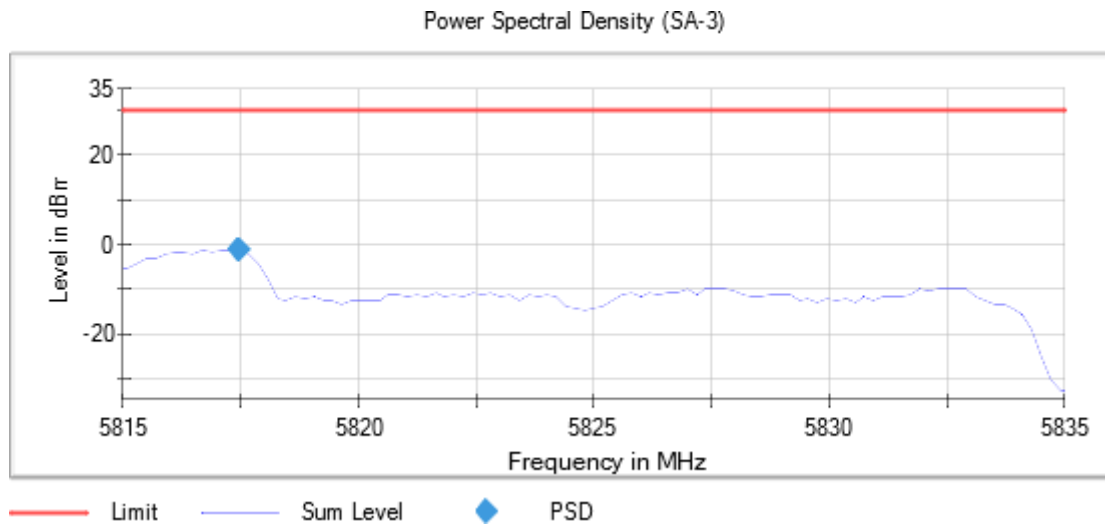
Images:



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:



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

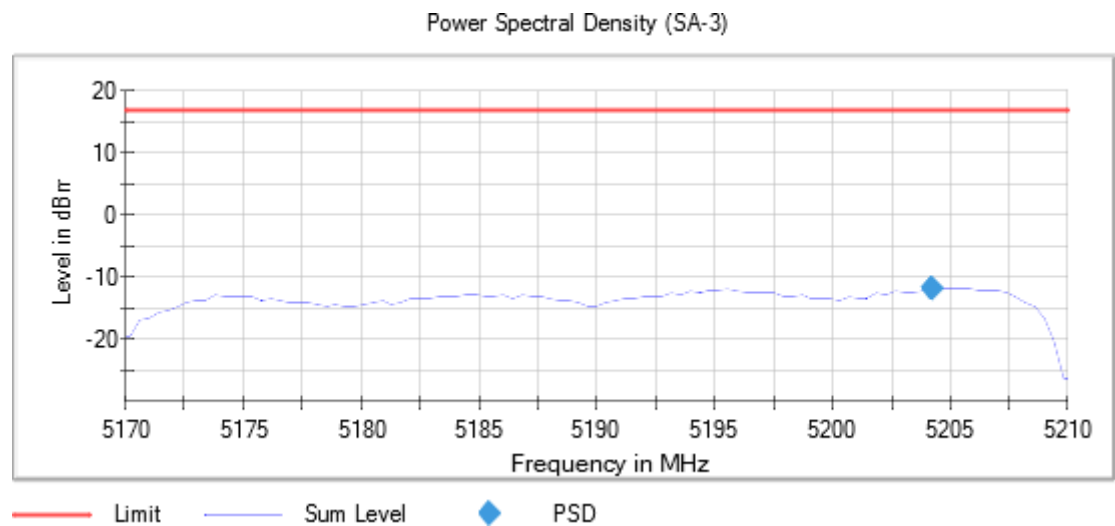
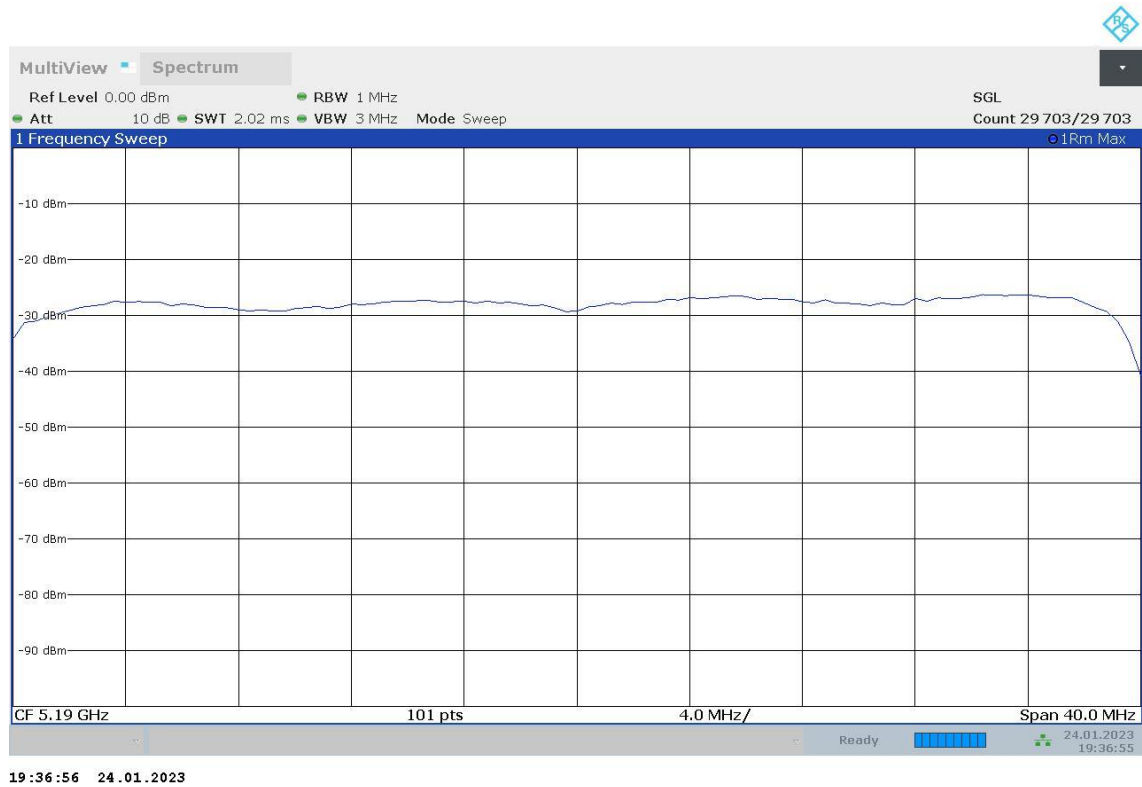
Verdict

Pass

Attachments

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

Images:



Frequency MHz = 5230.00000

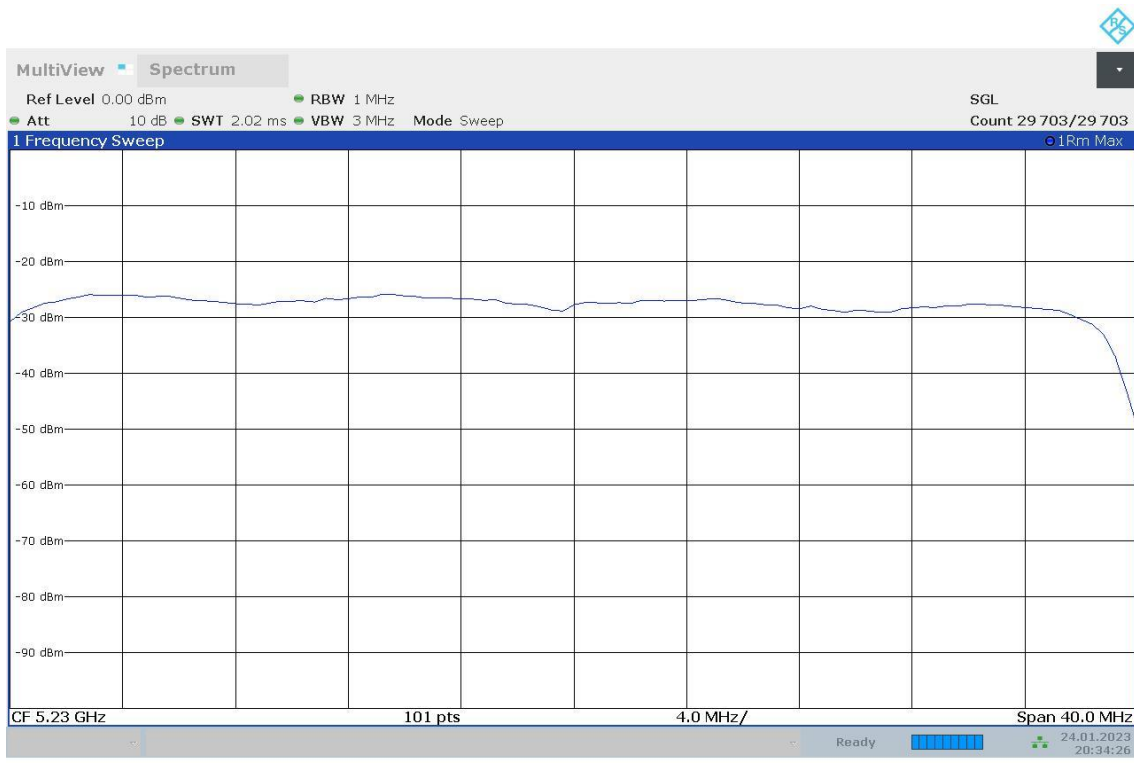
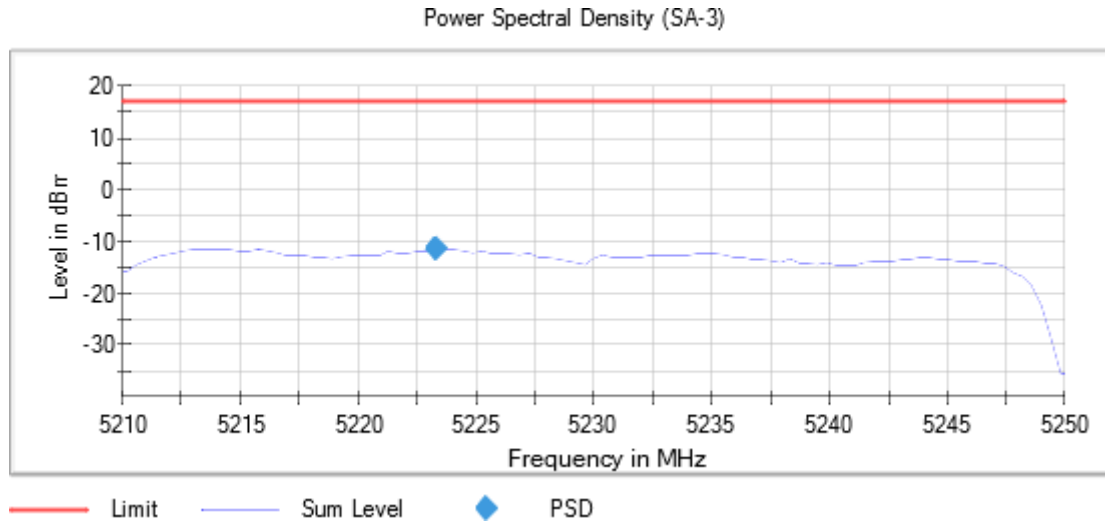
Modulation = 802.11ax HE40 (OFDMA MCS9)

TPC = No

Mode = SISO

Number of Transmission Chains = 1

Images:



Frequency MHz = 5270.00000

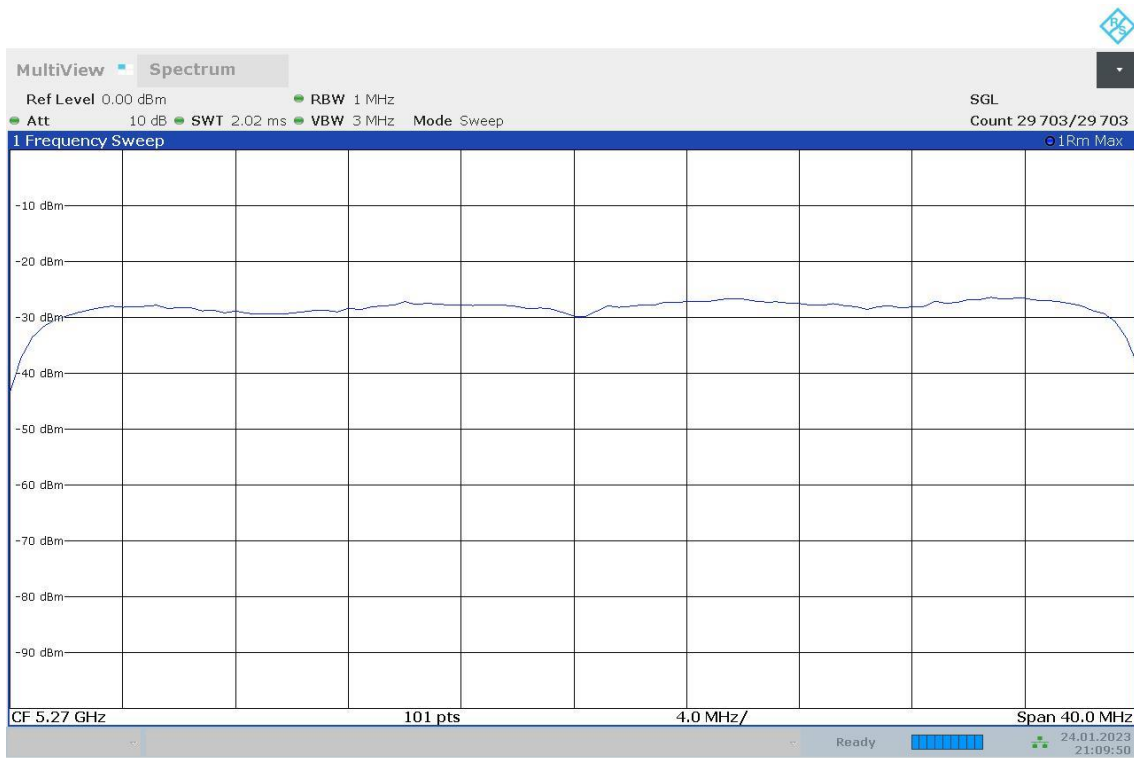
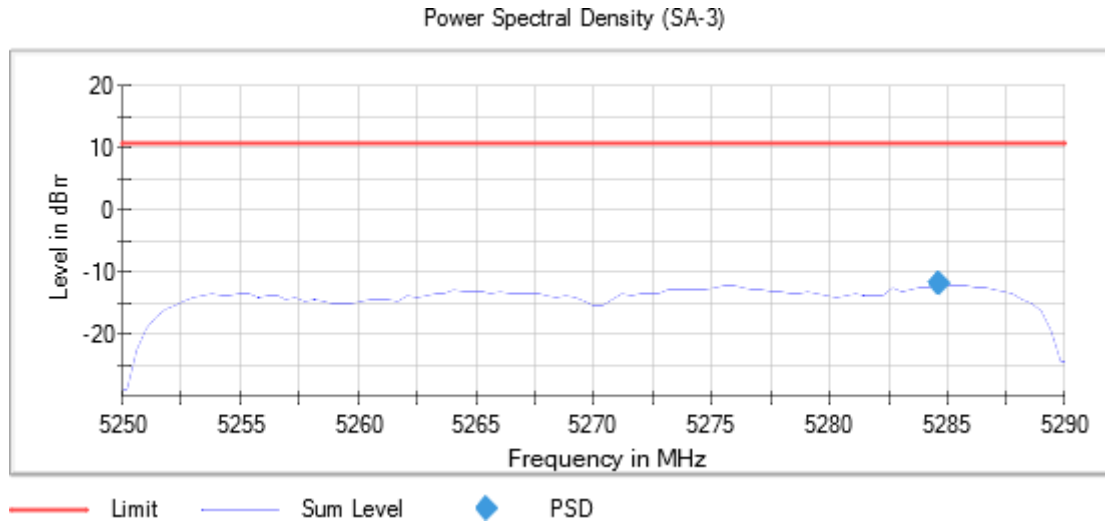
Modulation = 802.11ax HE40 (OFDMA MCS9)

TPC = No

Mode = SISO

Number of Transmission Chains = 1

Images:



21:09:50 24.01.2023

Frequency MHz = 5310.00000

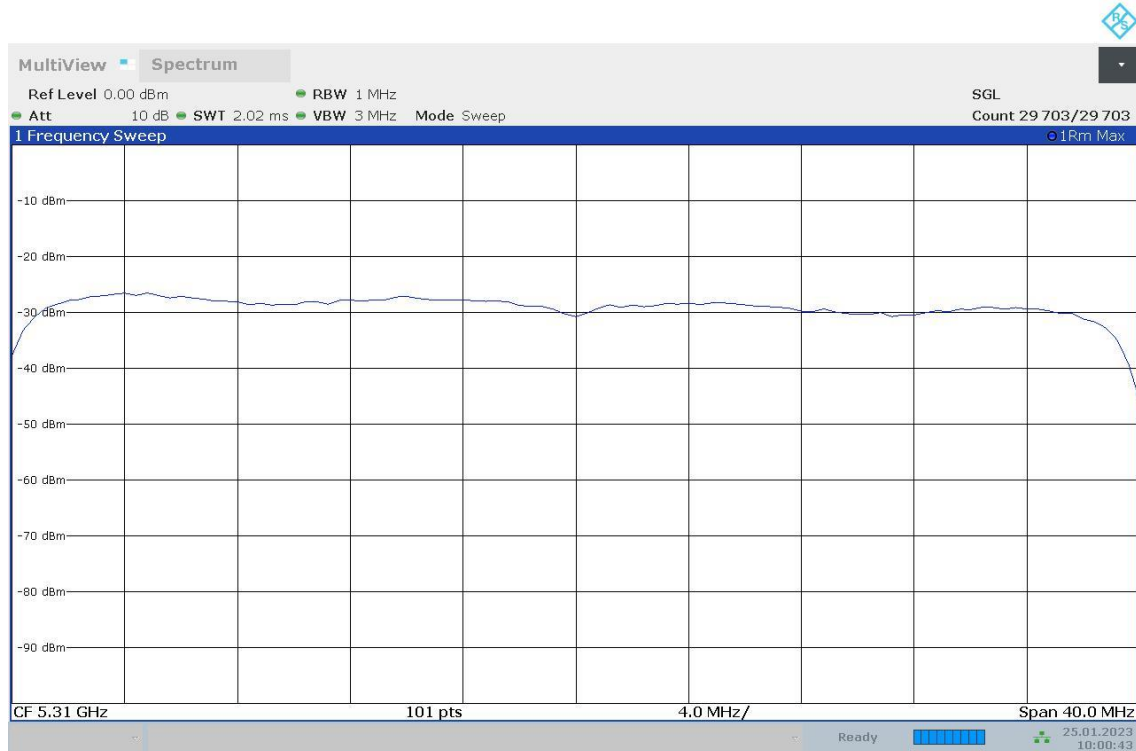
Modulation = 802.11ax HE40 (OFDMA MCS9)

TPC = No

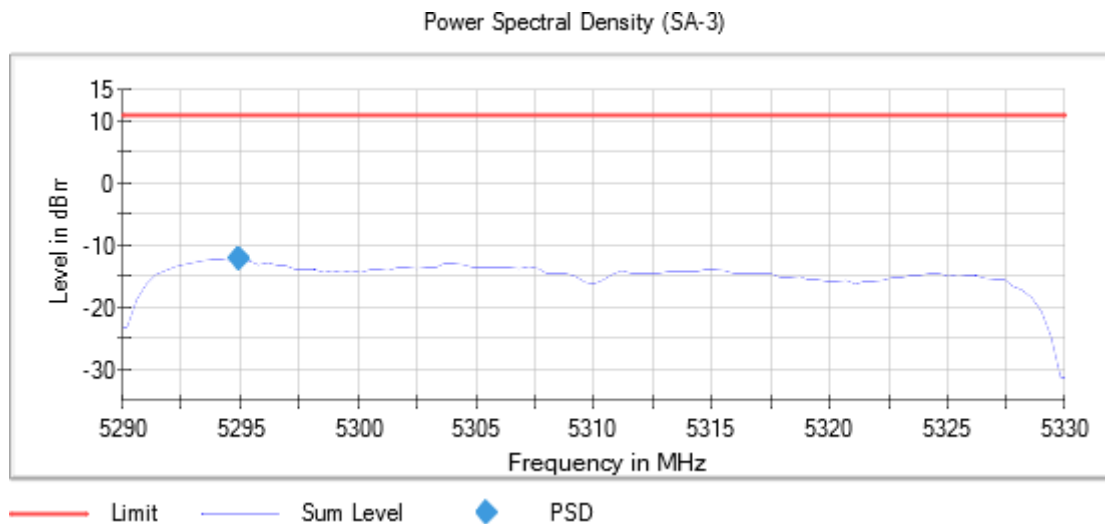
Mode = SISO

Number of Transmission Chains = 1

Images:



10:00:43 25.01.2023



Frequency MHz = 5510.00000

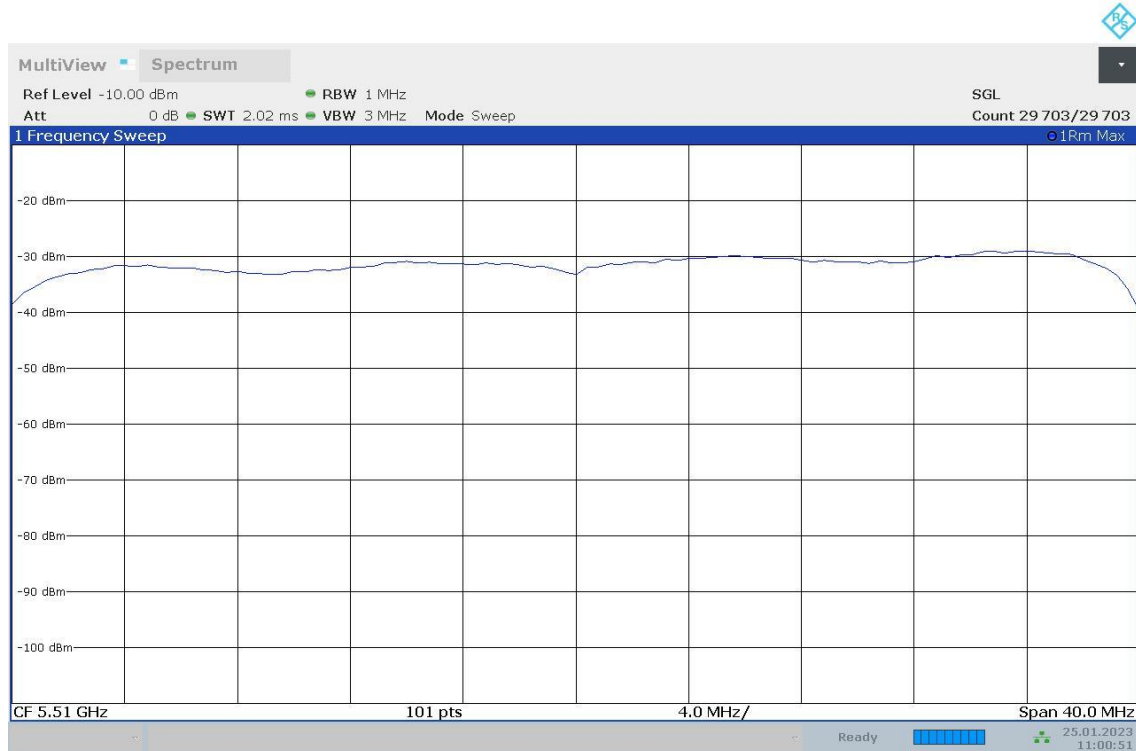
Modulation = 802.11ax HE40 (OFDMA MCS9)

TPC = No

Mode = SISO

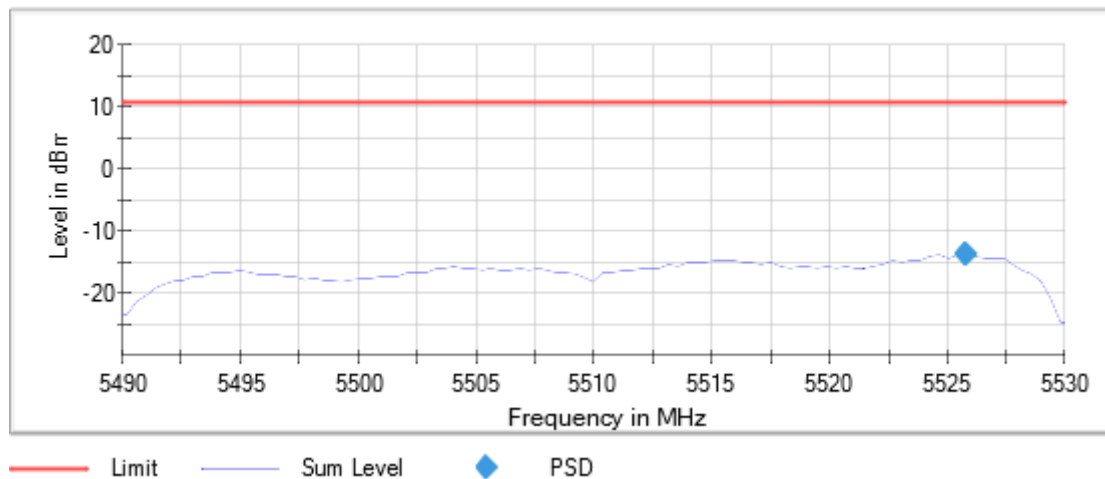
Number of Transmission Chains = 1

Images:



11:00:51 25.01.2023

Power Spectral Density (SA-3)



Frequency MHz = 5550.00000

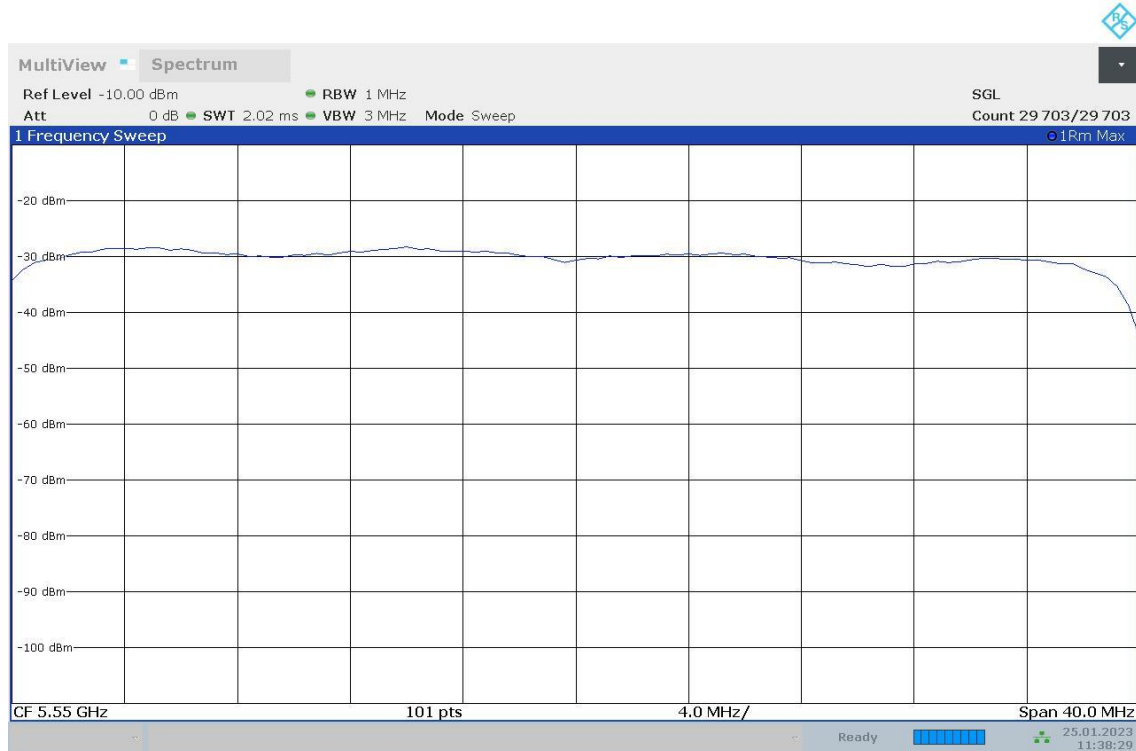
Modulation = 802.11ax HE40 (OFDMA MCS9)

TPC = No

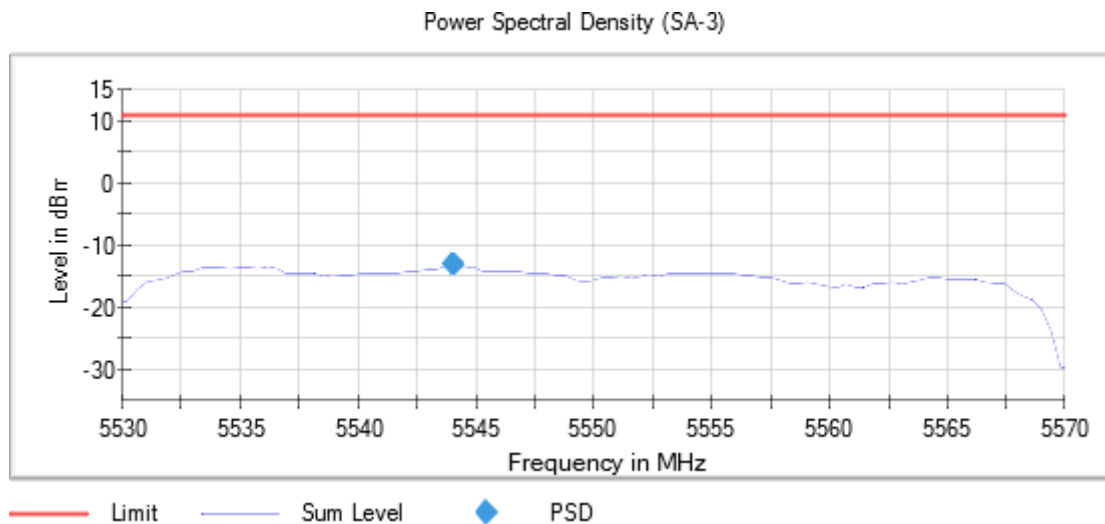
Mode = SISO

Number of Transmission Chains = 1

Images:



11:38:30 25.01.2023



Frequency MHz = 5670.00000

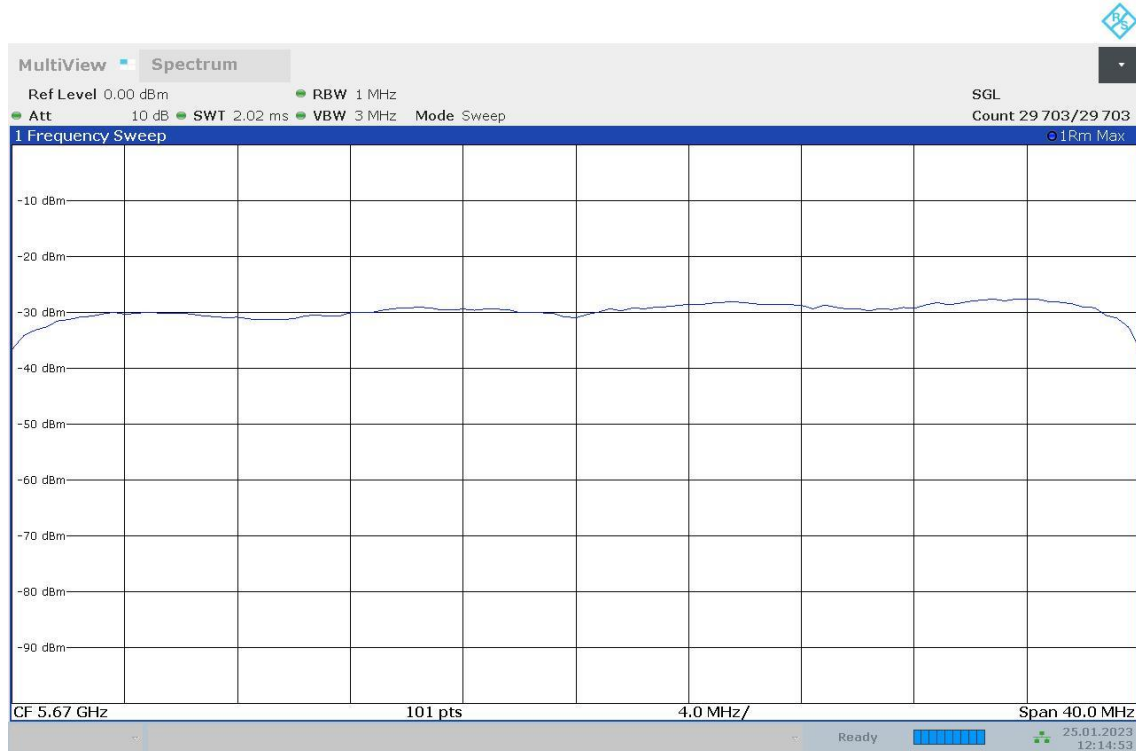
Modulation = 802.11ax HE40 (OFDMA MCS9)

TPC = No

Mode = SISO

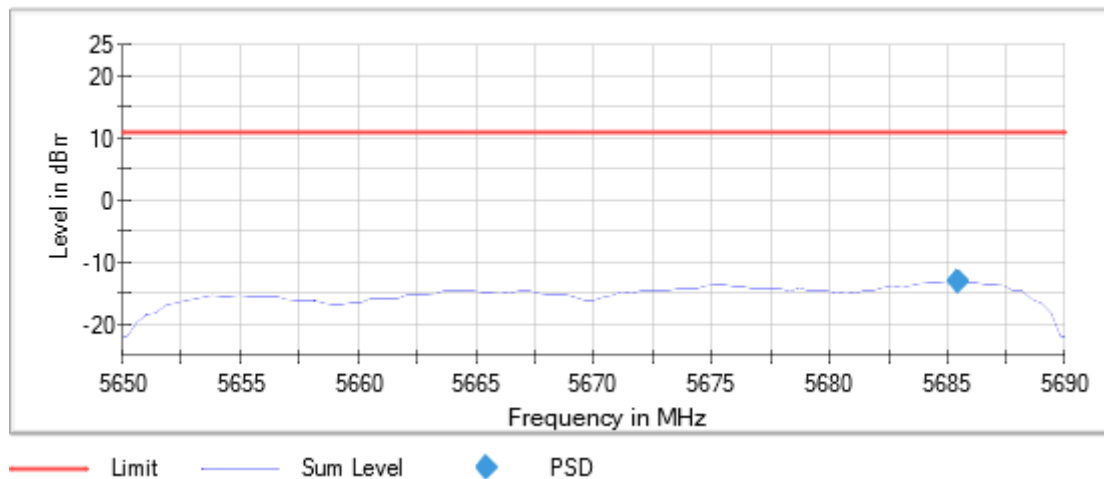
Number of Transmission Chains = 1

Images:



12:14:54 25.01.2023

Power Spectral Density (SA-3)



Frequency MHz = 5755.00000

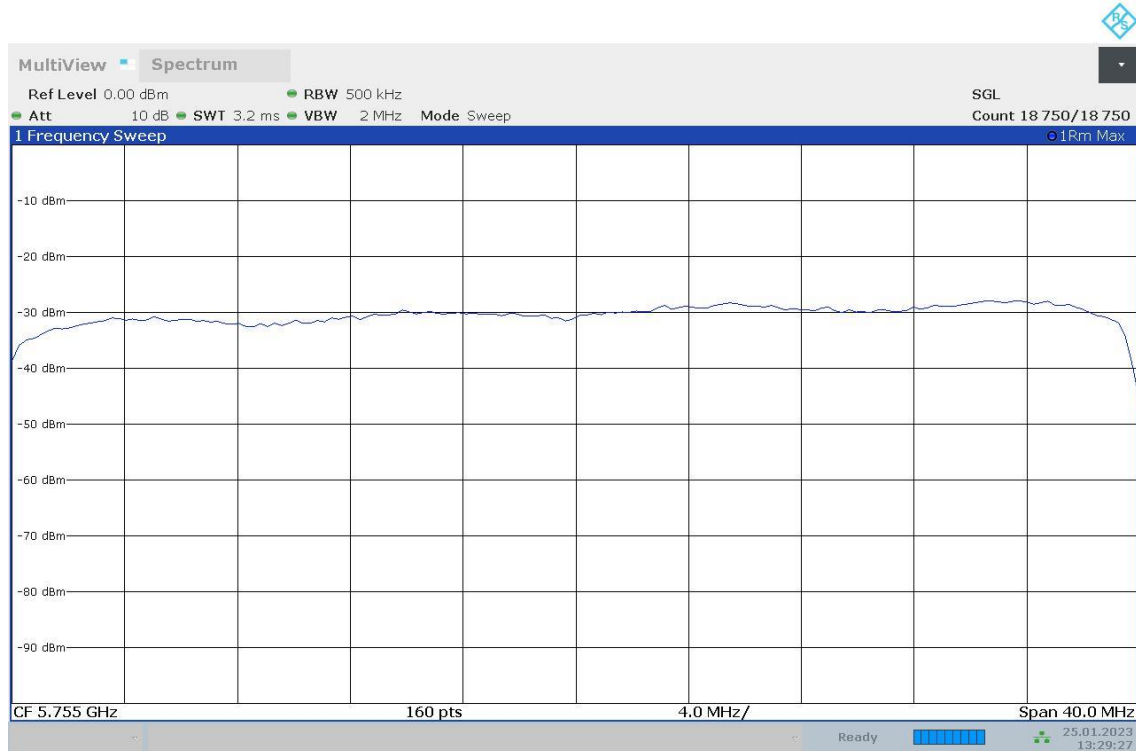
Modulation = 802.11ax HE40 (OFDMA MCS9)

TPC = No

Mode = SISO

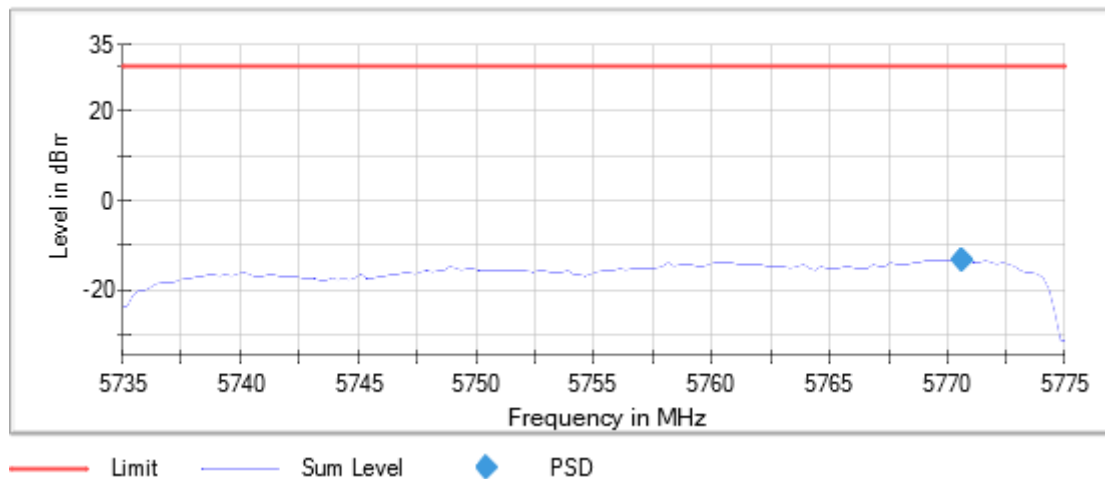
Number of Transmission Chains = 1

Images:



13:29:27 25.01.2023

Power Spectral Density (SA-3)



Frequency MHz = 5795.00000

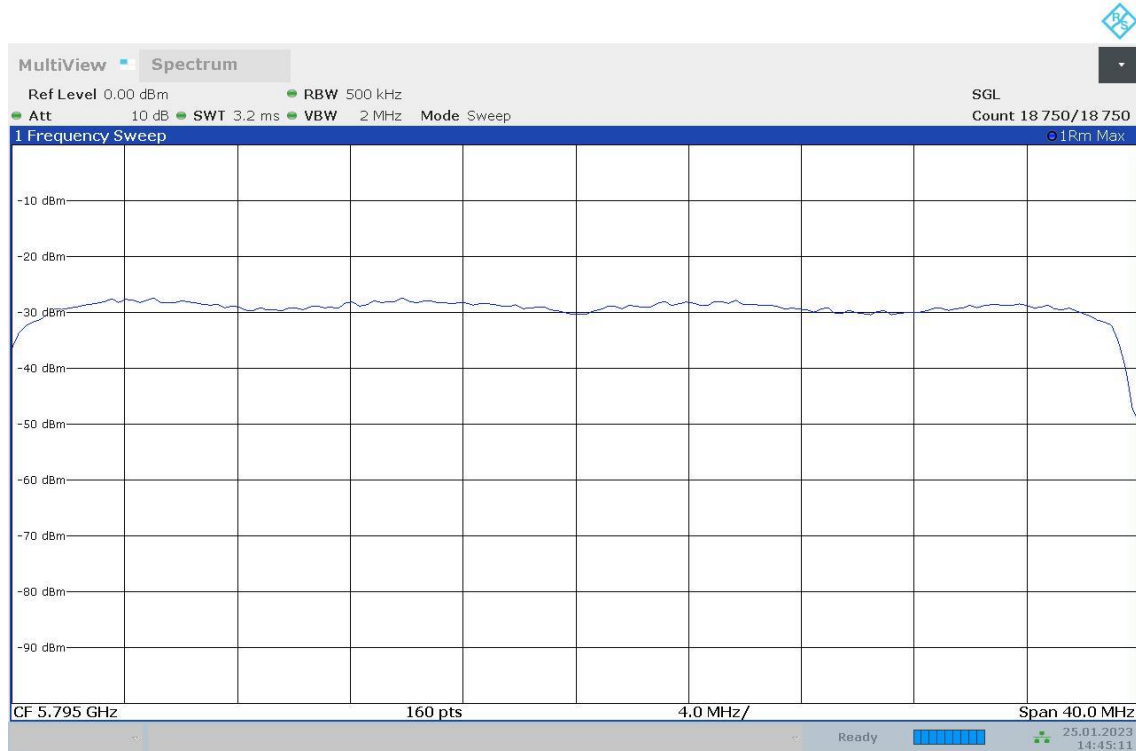
Modulation = 802.11ax HE40 (OFDMA MCS9)

TPC = No

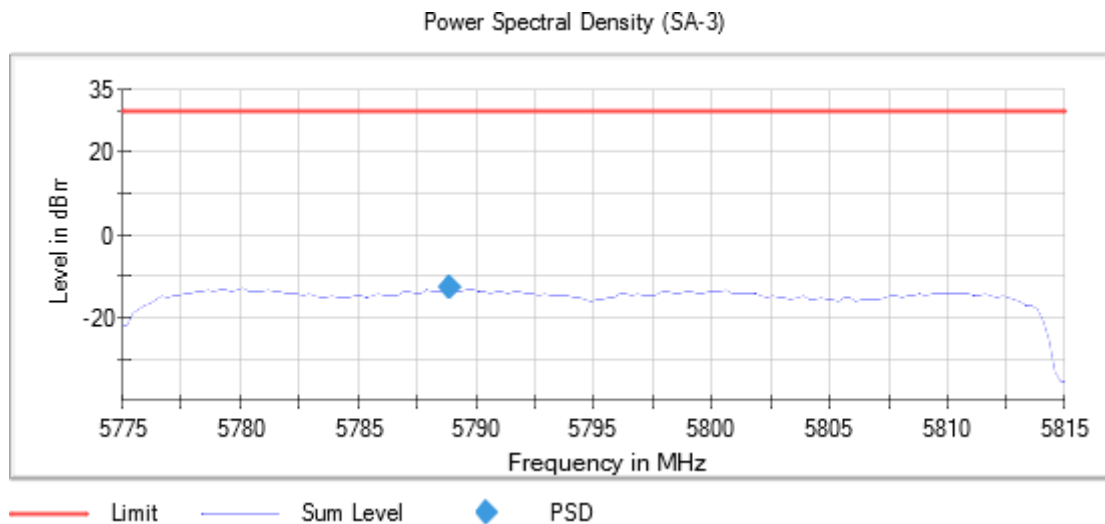
Mode = SISO

Number of Transmission Chains = 1

Images:



14:45:11 25.01.2023



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

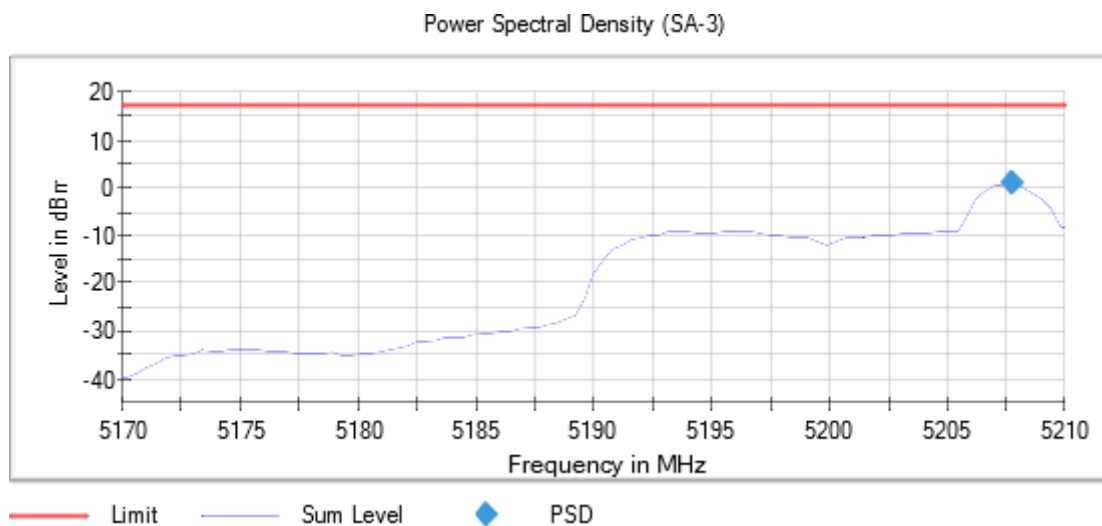
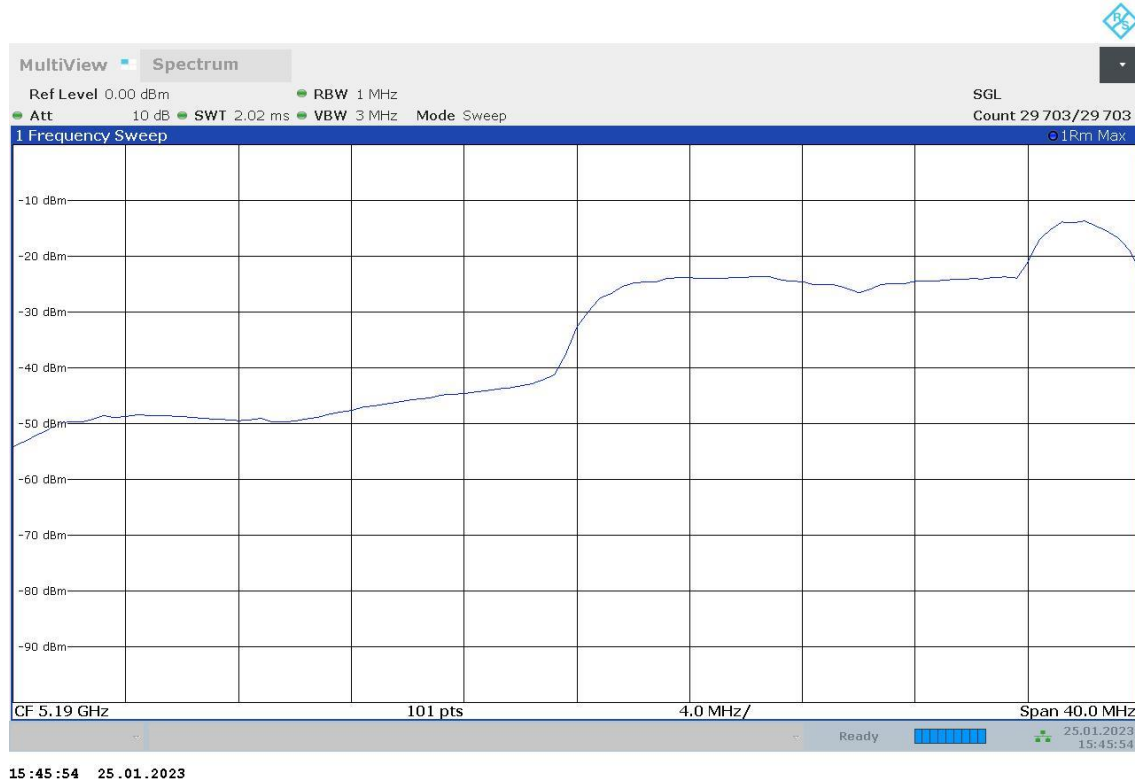
Modulation = 802.11ax HE40 SS1 (OFDMA MCS9)

TPC = No

Mode = SISO

Number of Transmission Chains = 1

Images:



Frequency MHz = 5230.00000

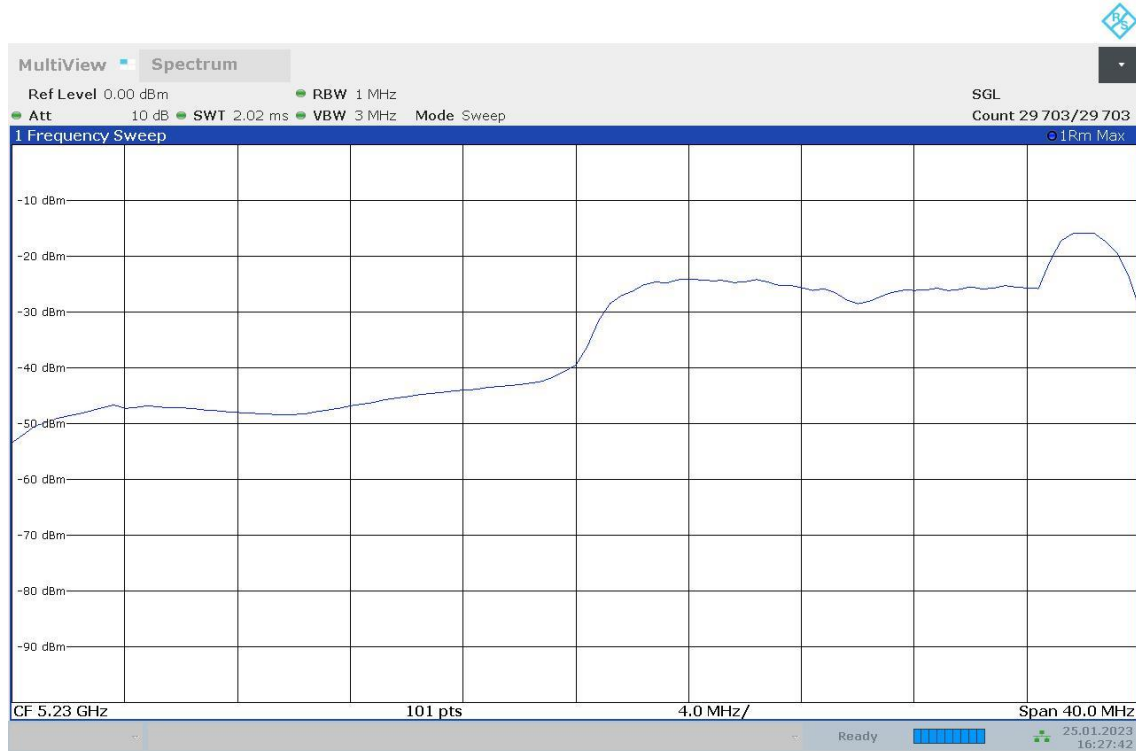
Modulation = 802.11ax HE40 SS1 (OFDMA MCS9)

TPC = No

Mode = SISO

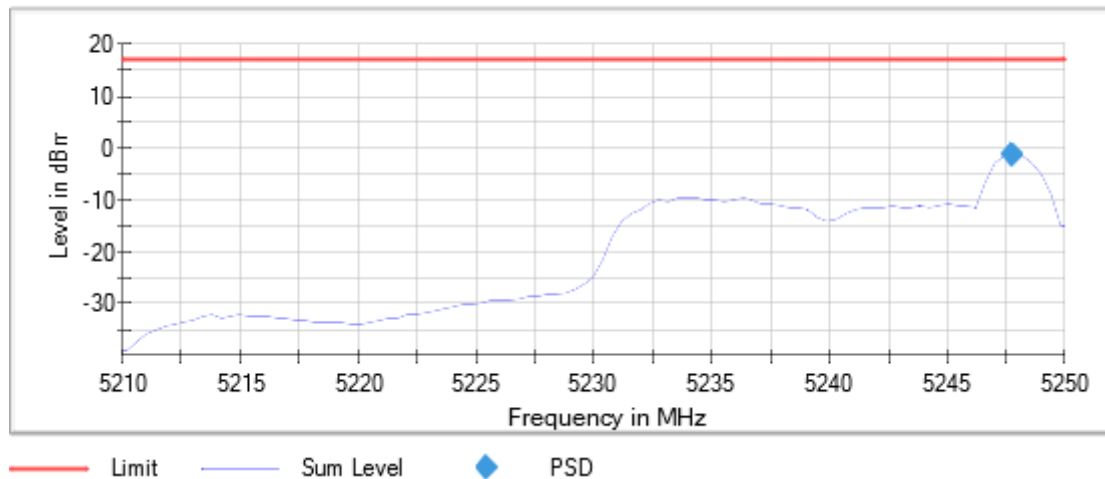
Number of Transmission Chains = 1

Images:



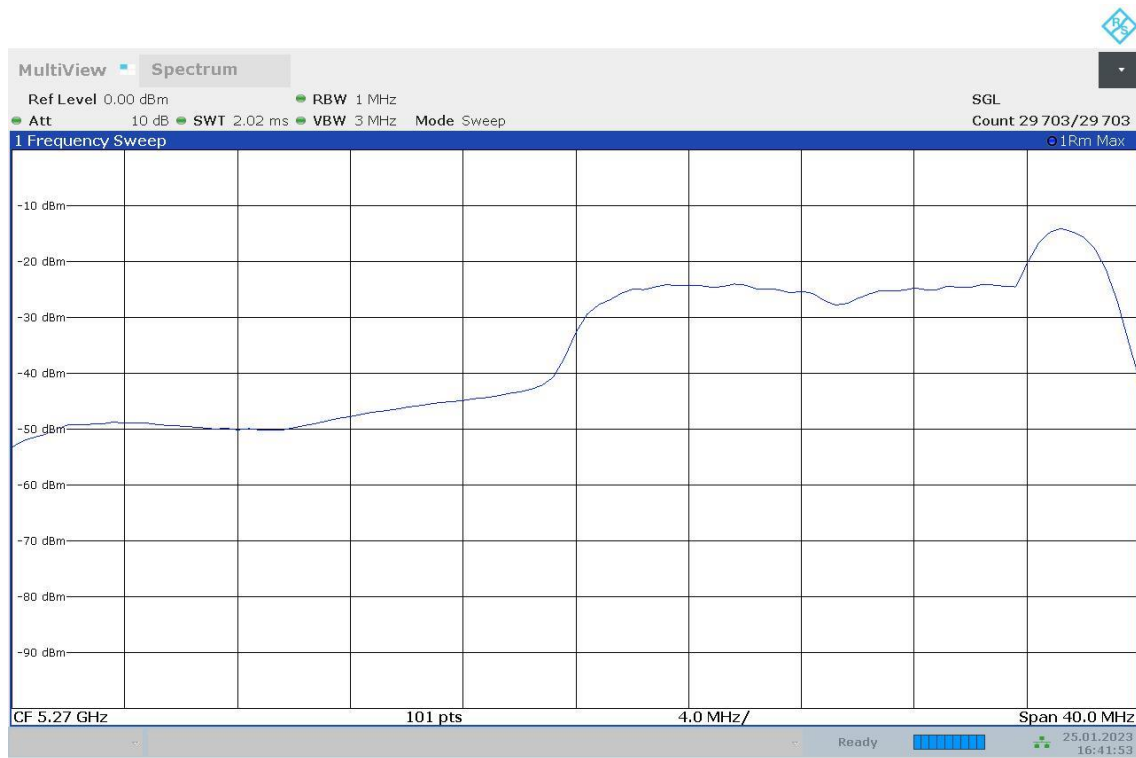
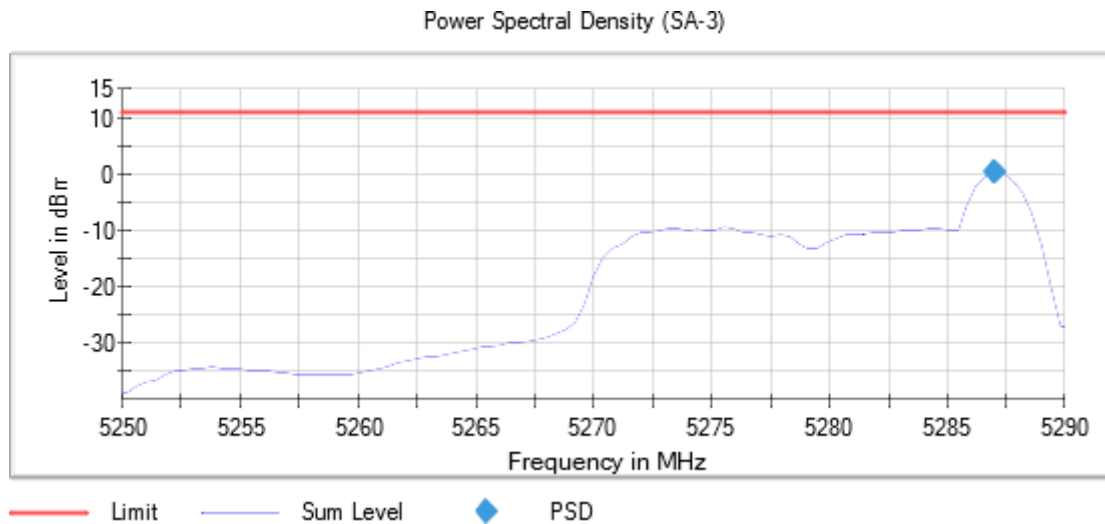
16:27:43 25.01.2023

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

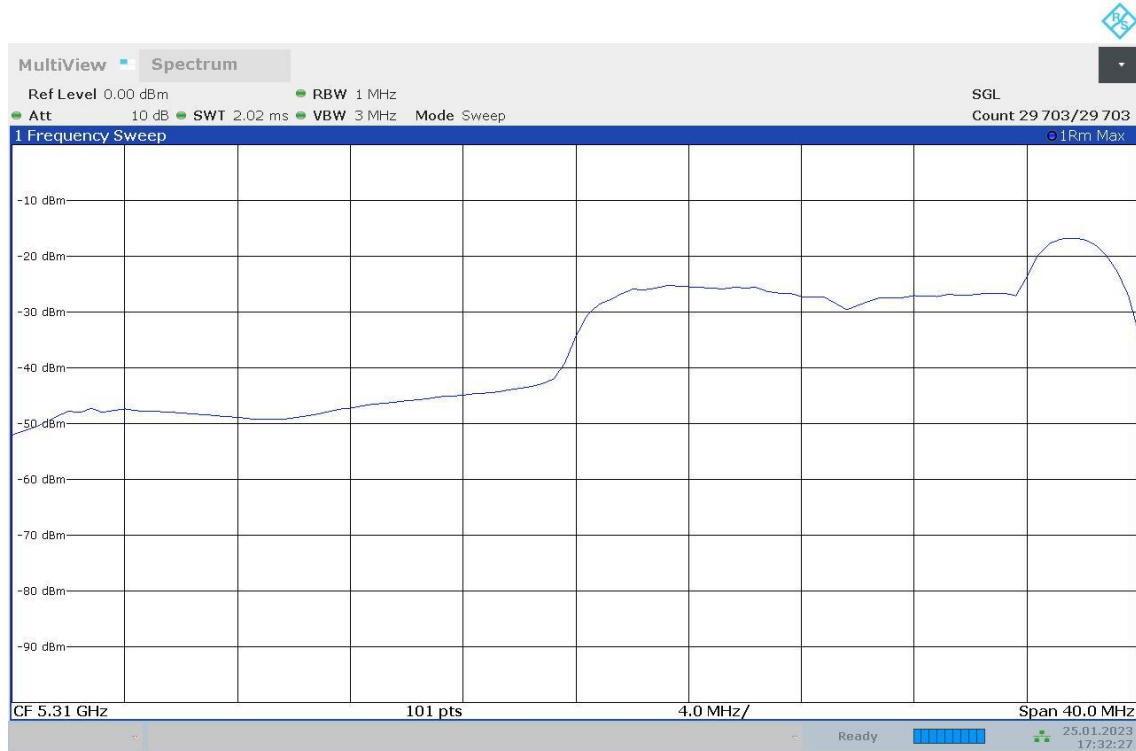
Modulation = 802.11ax HE40 SS1 (OFDMA MCS9)

TPC = No

Mode = SISO

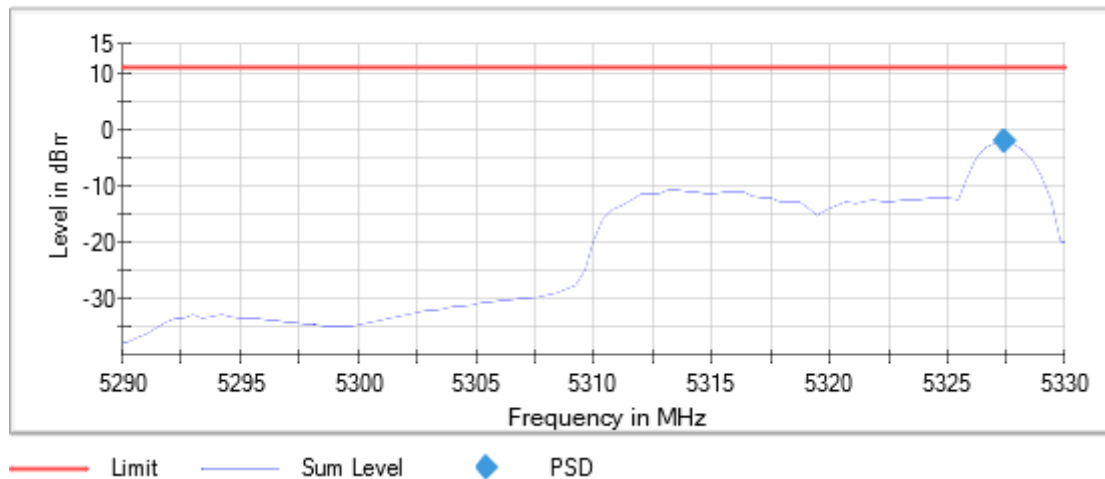
Number of Transmission Chains = 1

Images:



17:32:28 25.01.2023

Power Spectral Density (SA-3)



Frequency MHz = 5510.00000

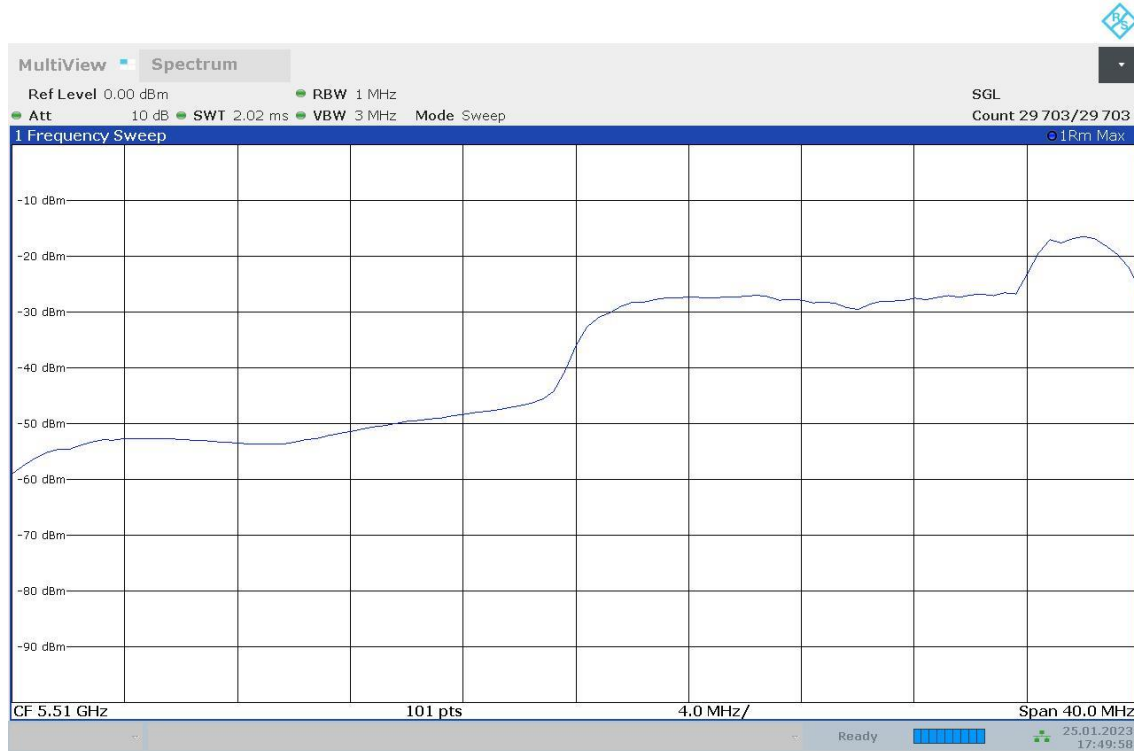
Modulation = 802.11ax HE40 SS1 (OFDMA MCS9)

TPC = No

Mode = SISO

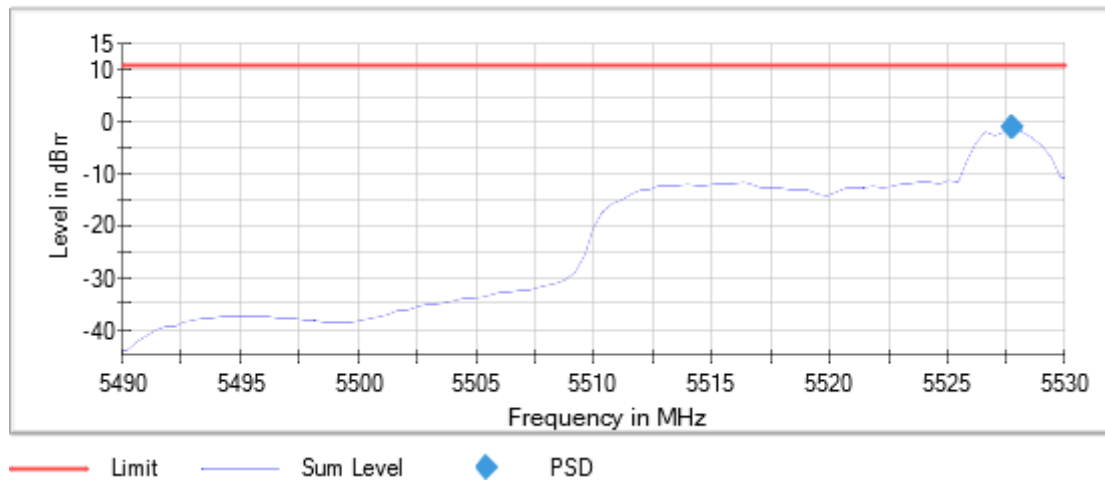
Number of Transmission Chains = 1

Images:



17:49:58 25.01.2023

Power Spectral Density (SA-3)



Frequency MHz = 5550.00000

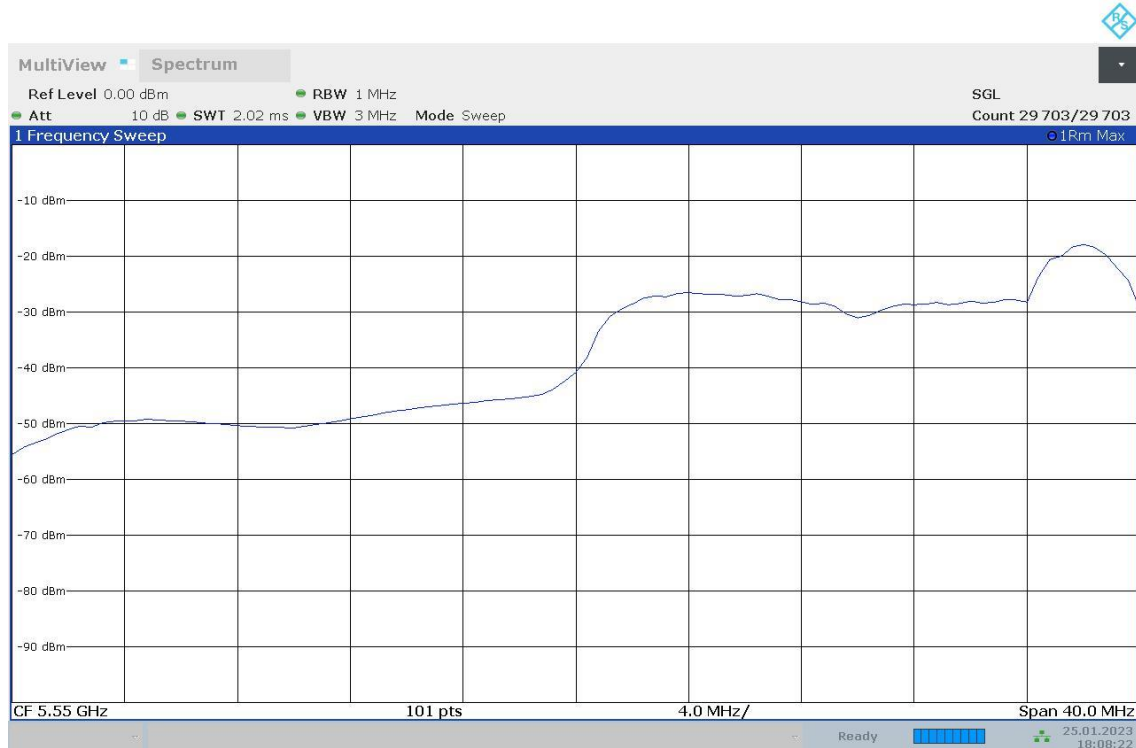
Modulation = 802.11ax HE40 SS1 (OFDMA MCS9)

TPC = No

Mode = SISO

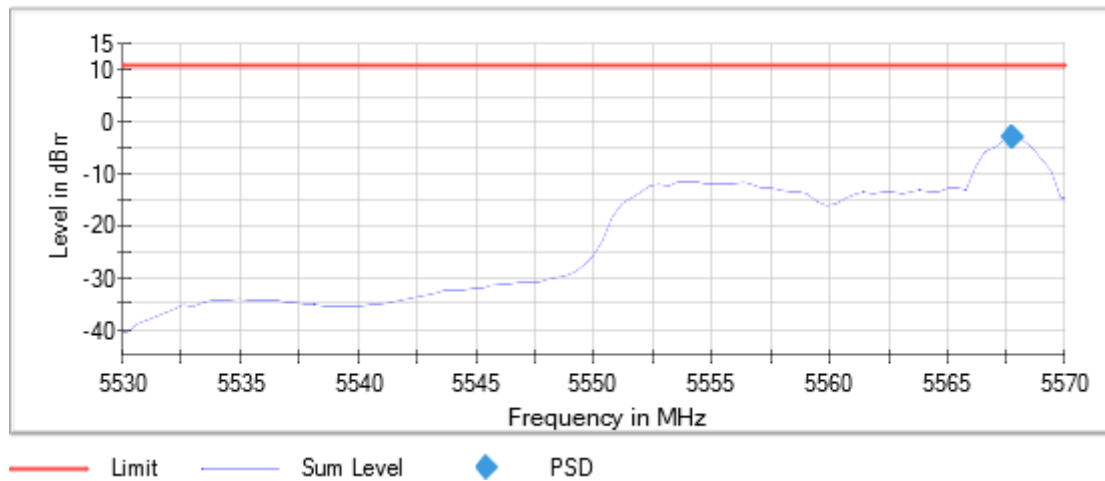
Number of Transmission Chains = 1

Images:



18:08:23 25.01.2023

Power Spectral Density (SA-3)



Frequency MHz = 5670.00000

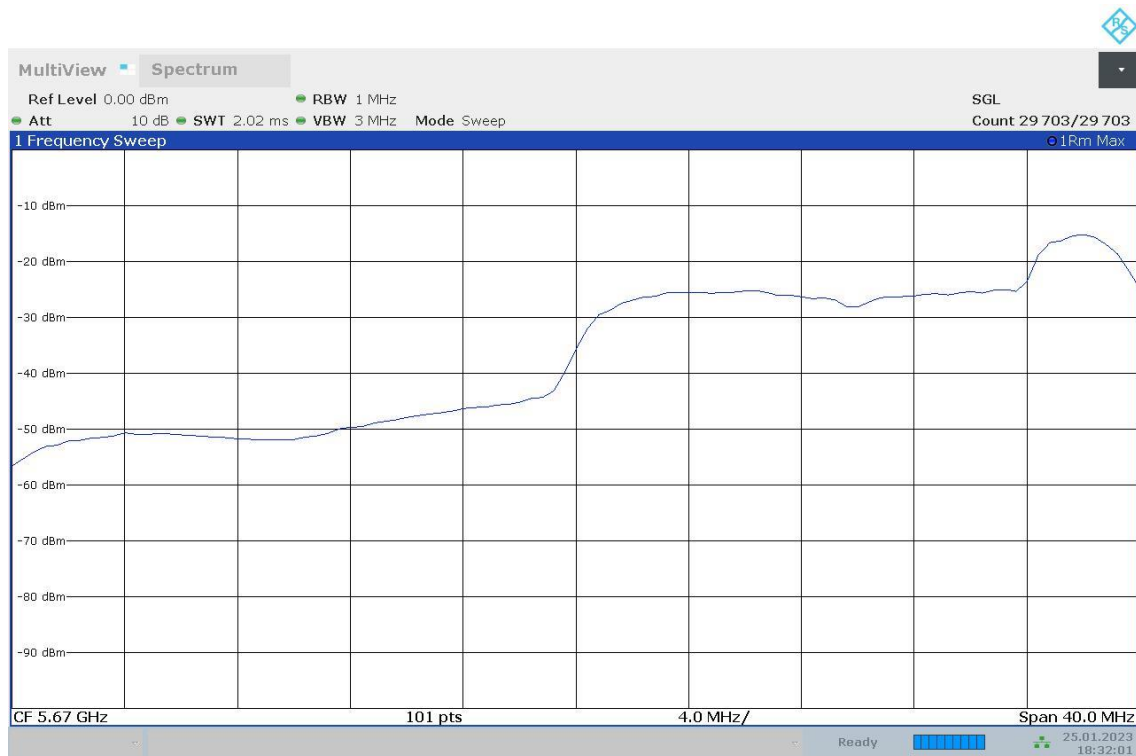
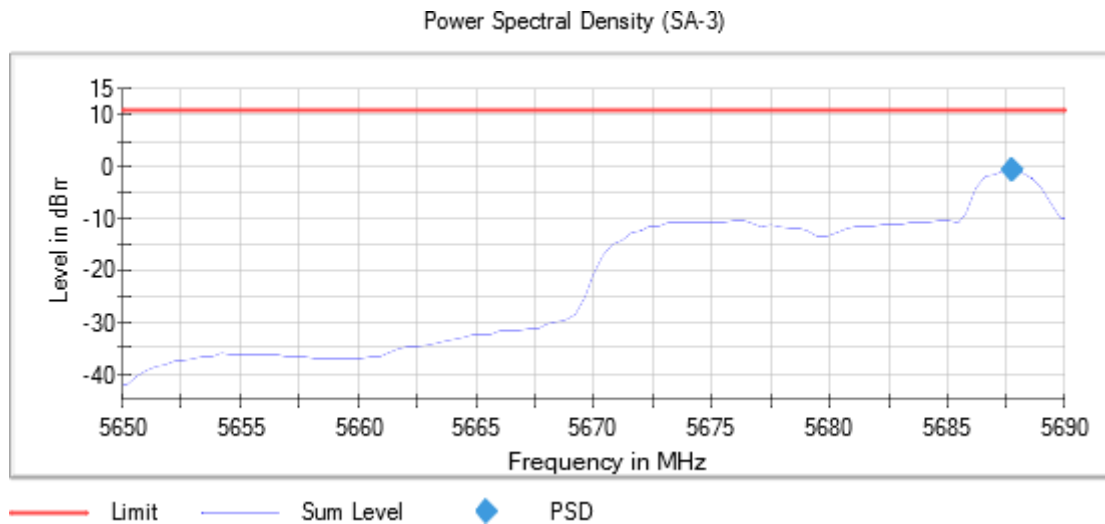
Modulation = 802.11ax HE40 SS1 (OFDMA MCS9)

TPC = No

Mode = SISO

Number of Transmission Chains = 1

Images:



18:32:01 25.01.2023

Frequency MHz = 5755.00000

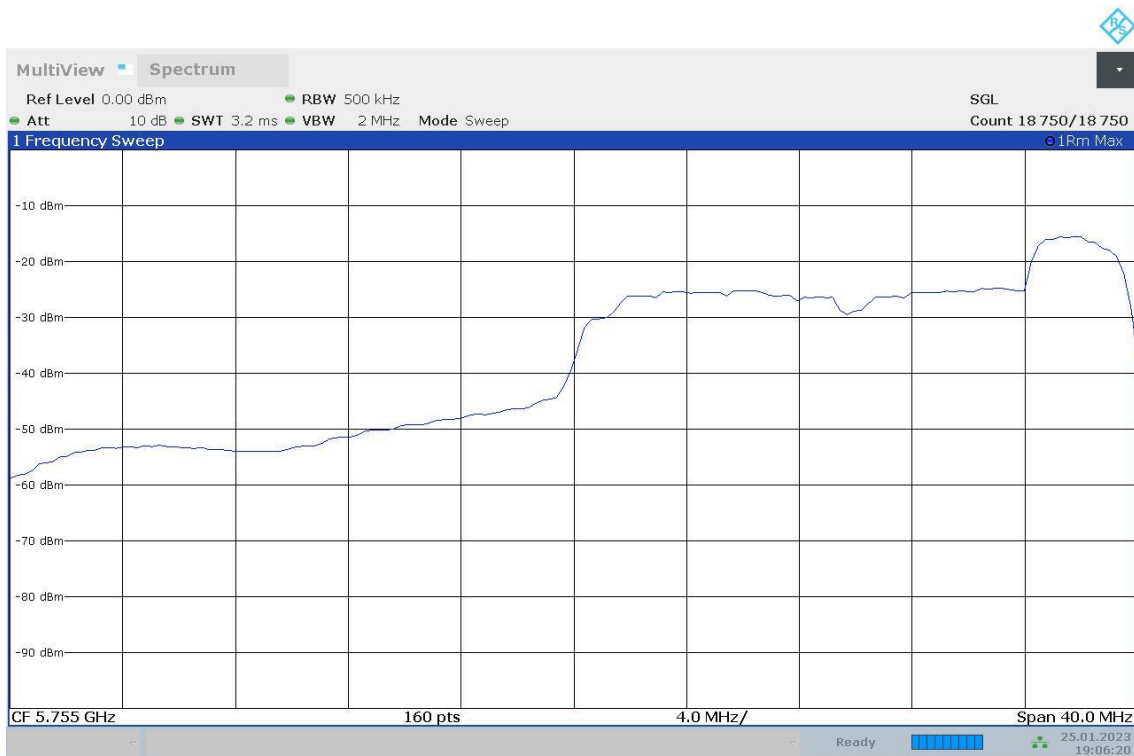
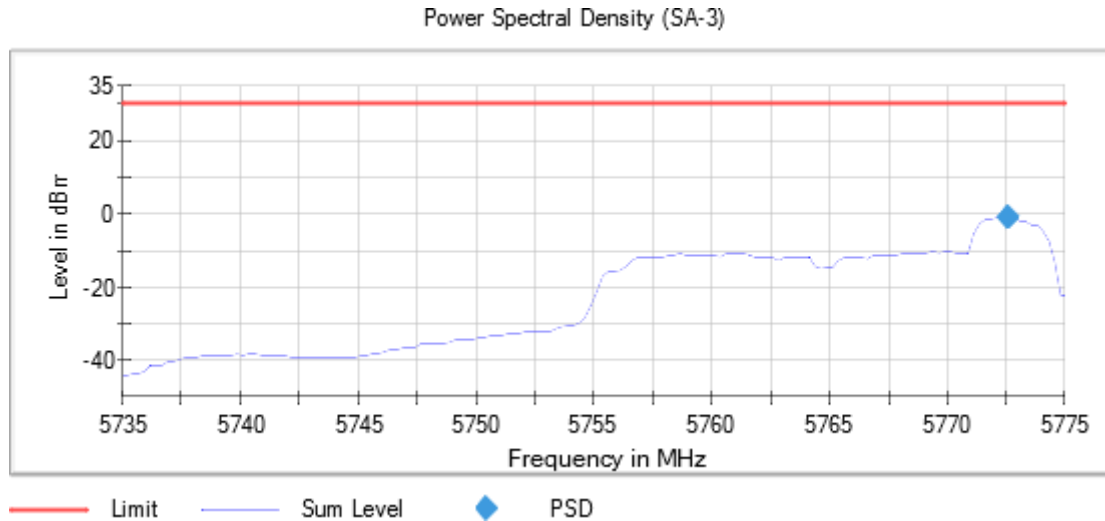
Modulation = 802.11ax HE40 SS1 (OFDMA MCS9)

TPC = No

Mode = SISO

Number of Transmission Chains = 1

Images:



19:06:20 25.01.2023

Frequency MHz = 5795.00000

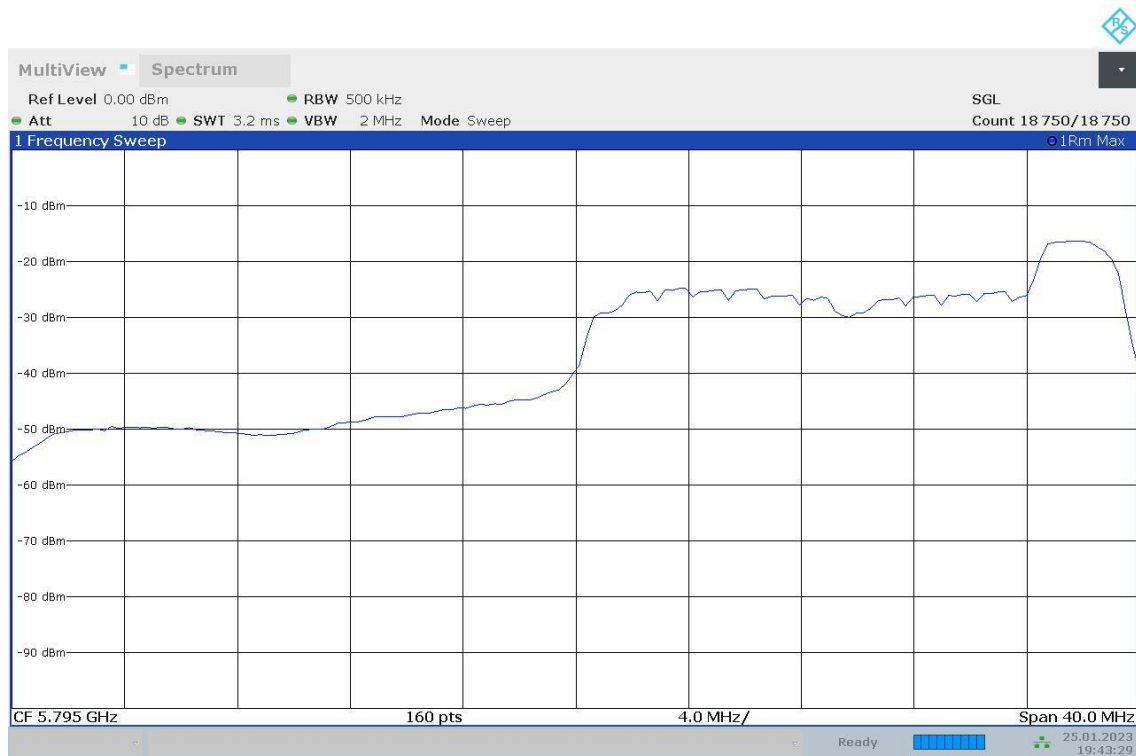
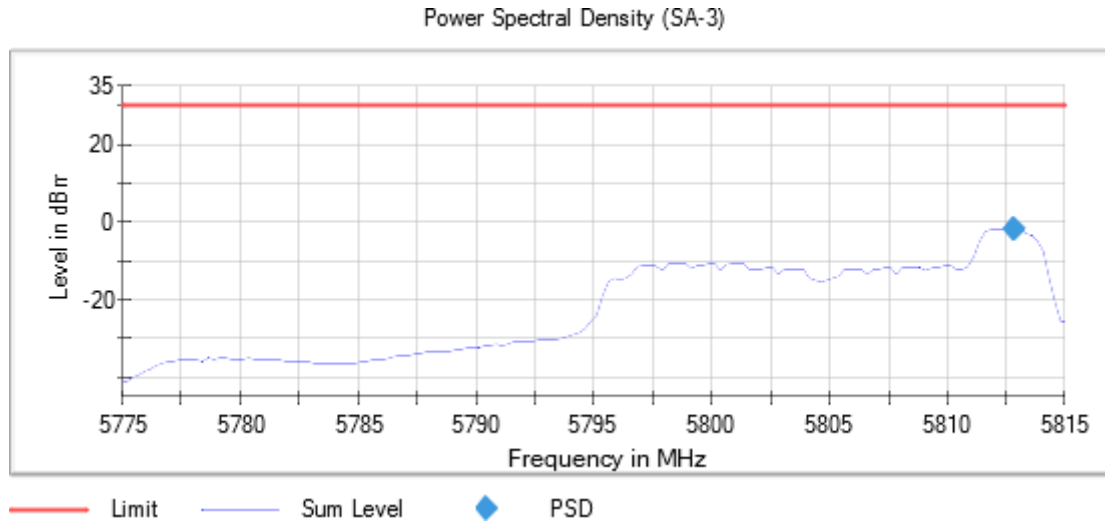
Modulation = 802.11ax HE40 SS1 (OFDMA MCS9)

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

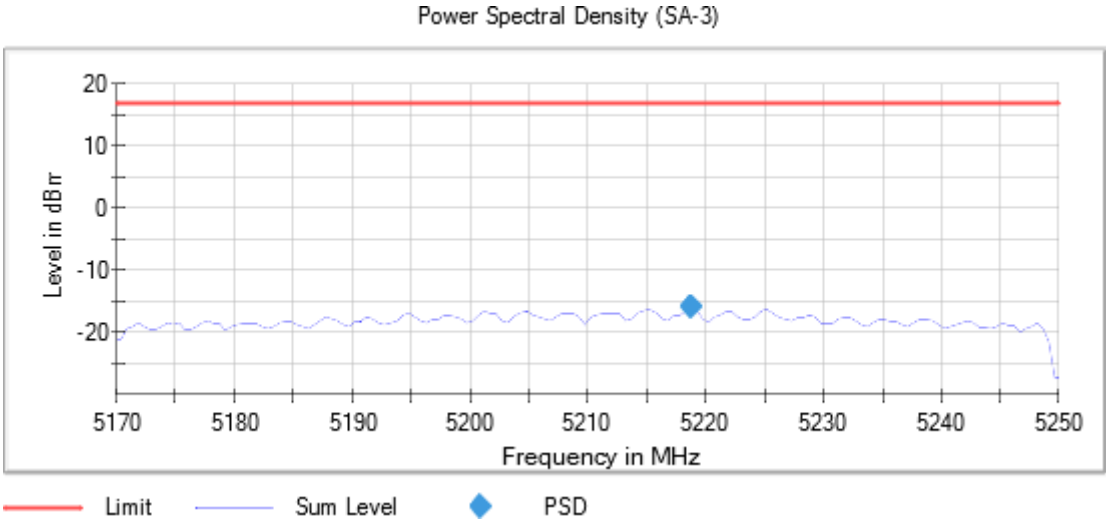
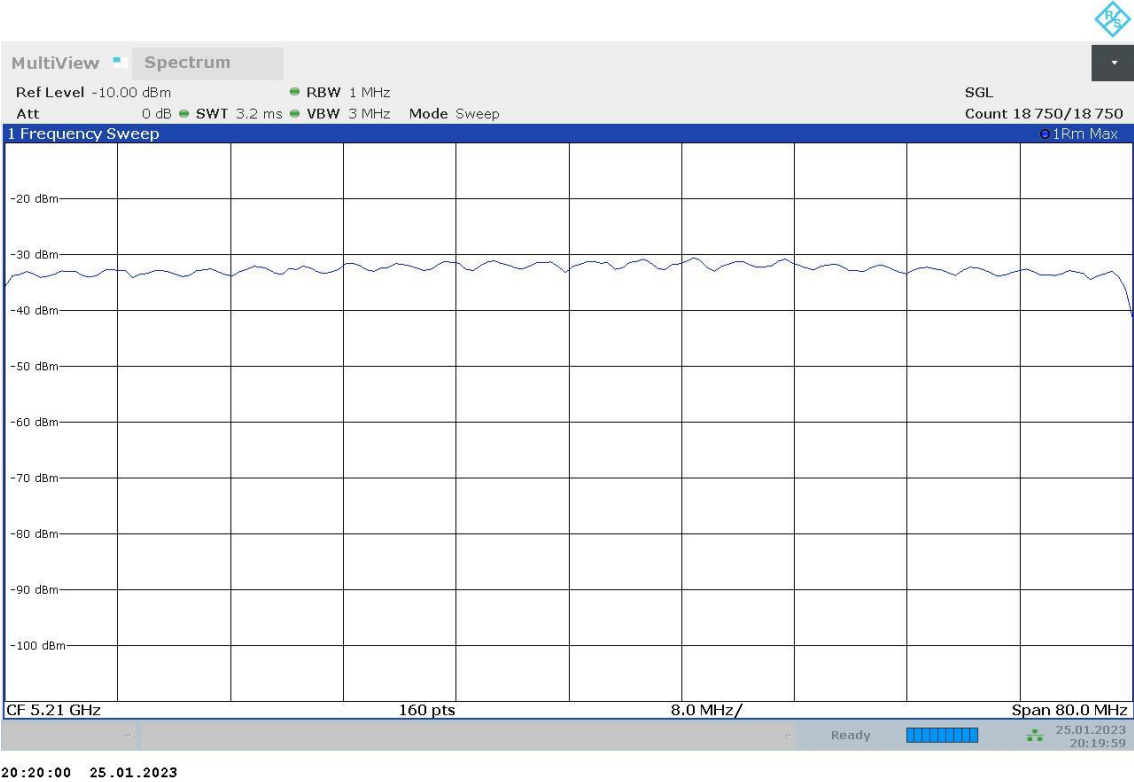
Verdict

Pass

Attachments

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

Images:



Frequency MHz = 5290.00000

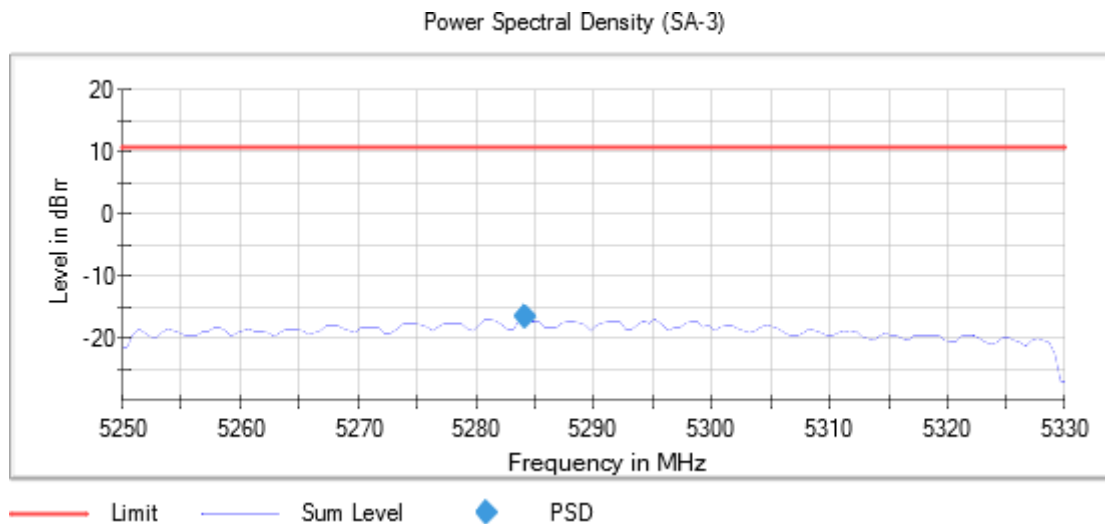
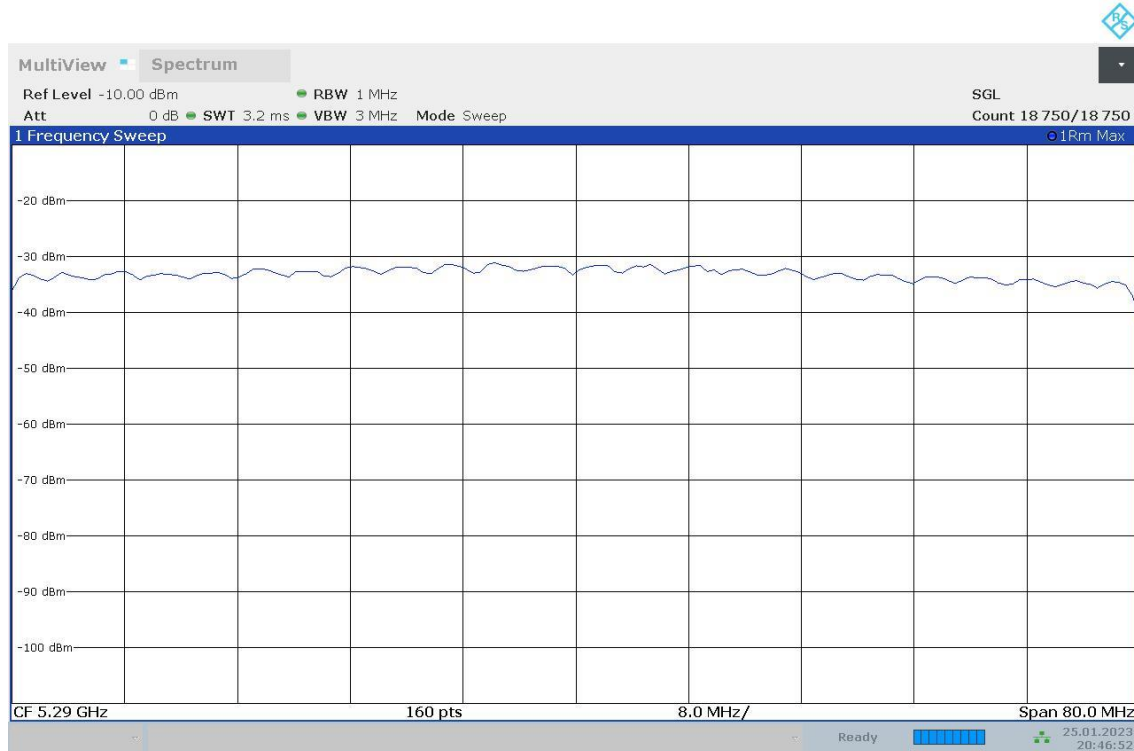
Modulation = 802.11ax HE80 SS1 (OFDMA MCS11)

TPC = No

Mode = SISO

Number of Transmission Chains = 1

Images:



Frequency MHz = 5530.00000

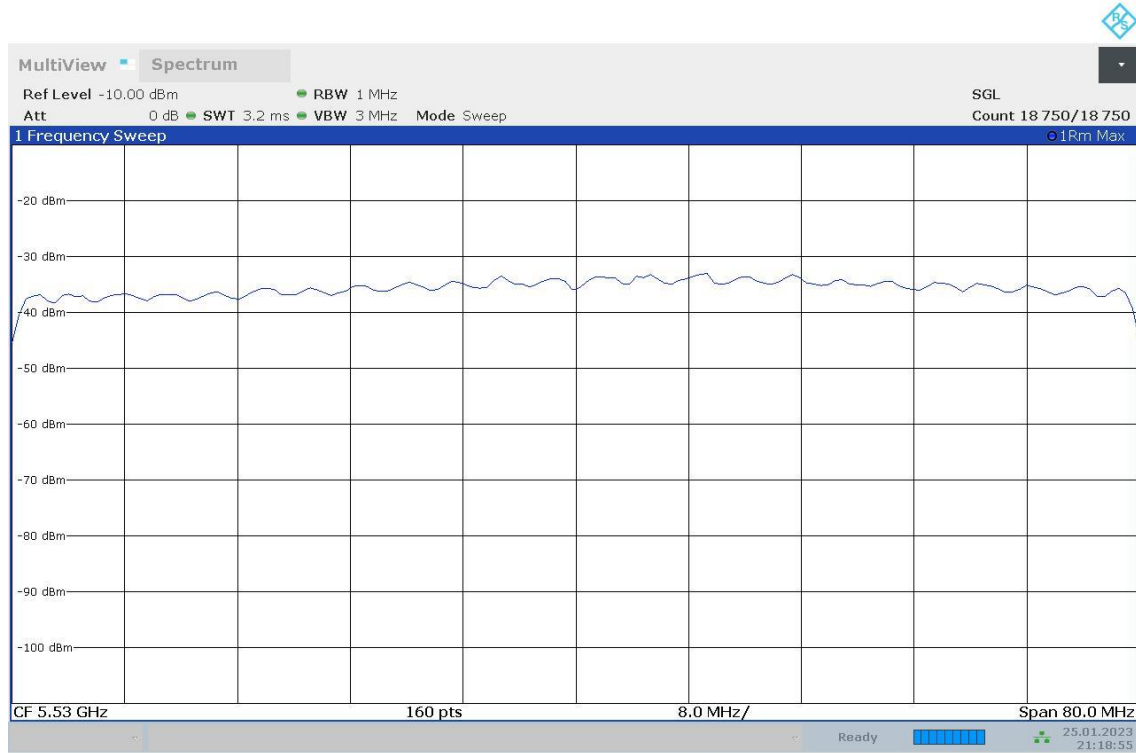
Modulation = 802.11ax HE80 SS1 (OFDMA MCS11)

TPC = No

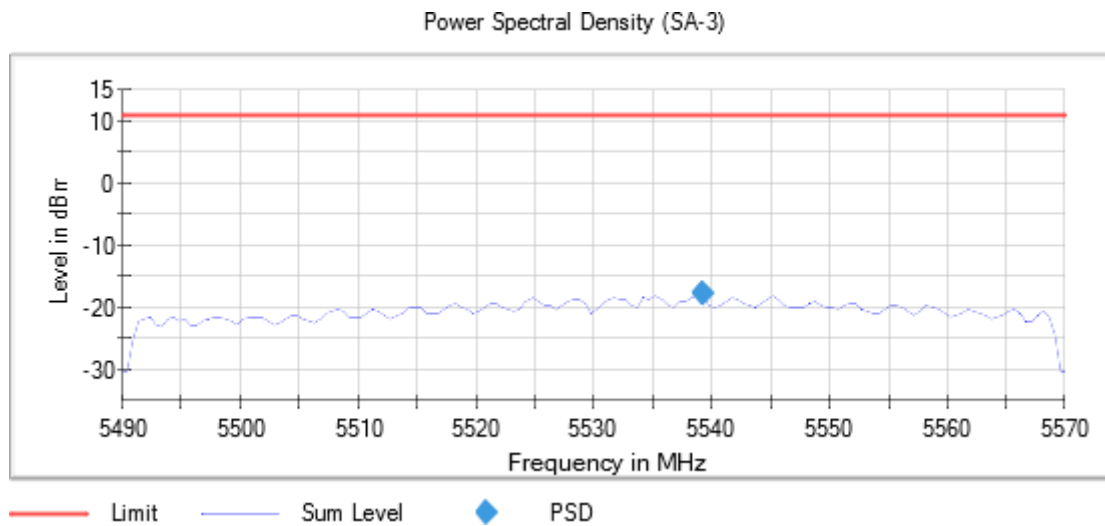
Mode = SISO

Number of Transmission Chains = 1

Images:



21:18:56 25.01.2023



Frequency MHz = 5610.00000

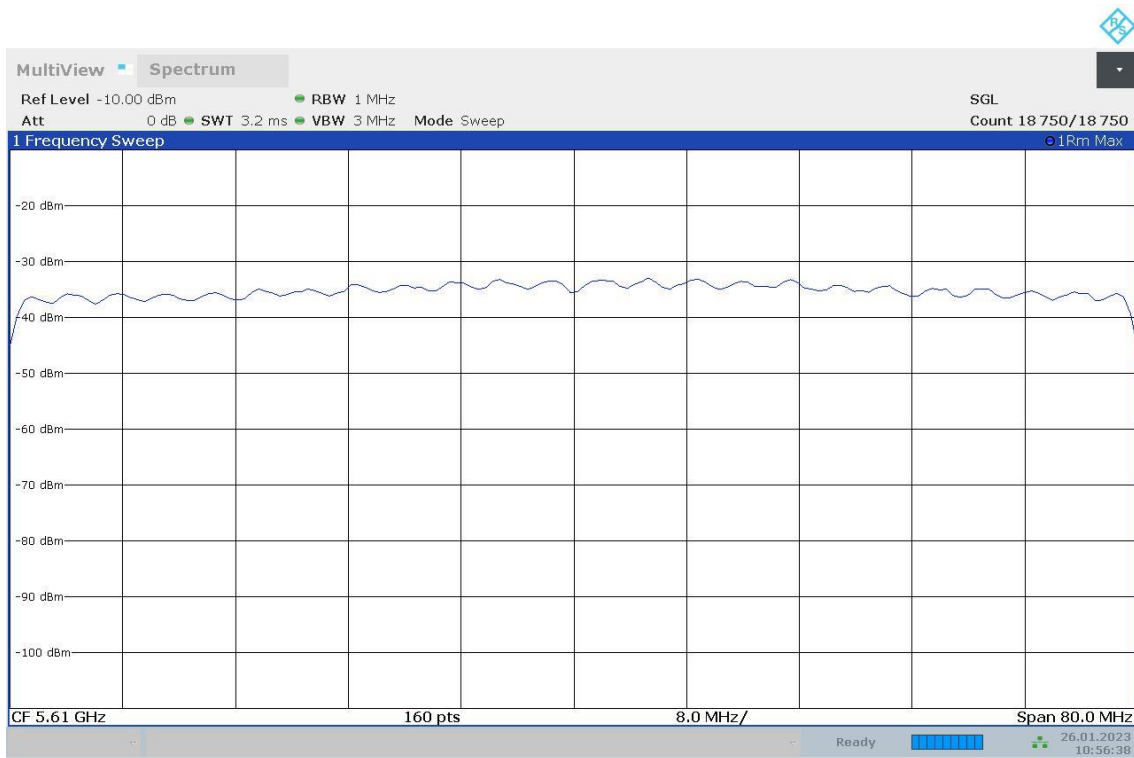
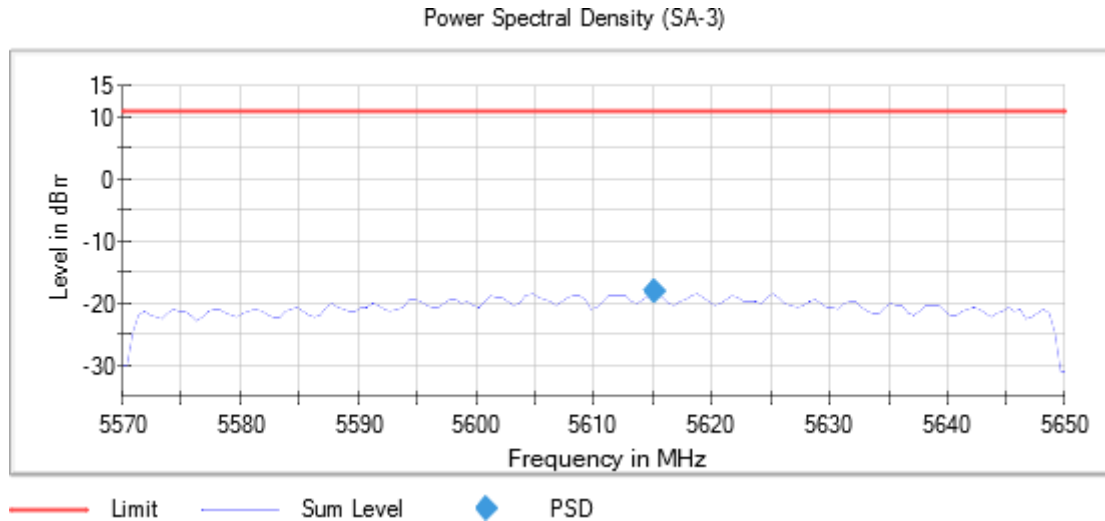
Modulation = 802.11ax HE80 SS1 (OFDMA MCS11)

TPC = No

Mode = SISO

Number of Transmission Chains = 1

Images:



10:56:39 26.01.2023

Frequency MHz = 5775.00000

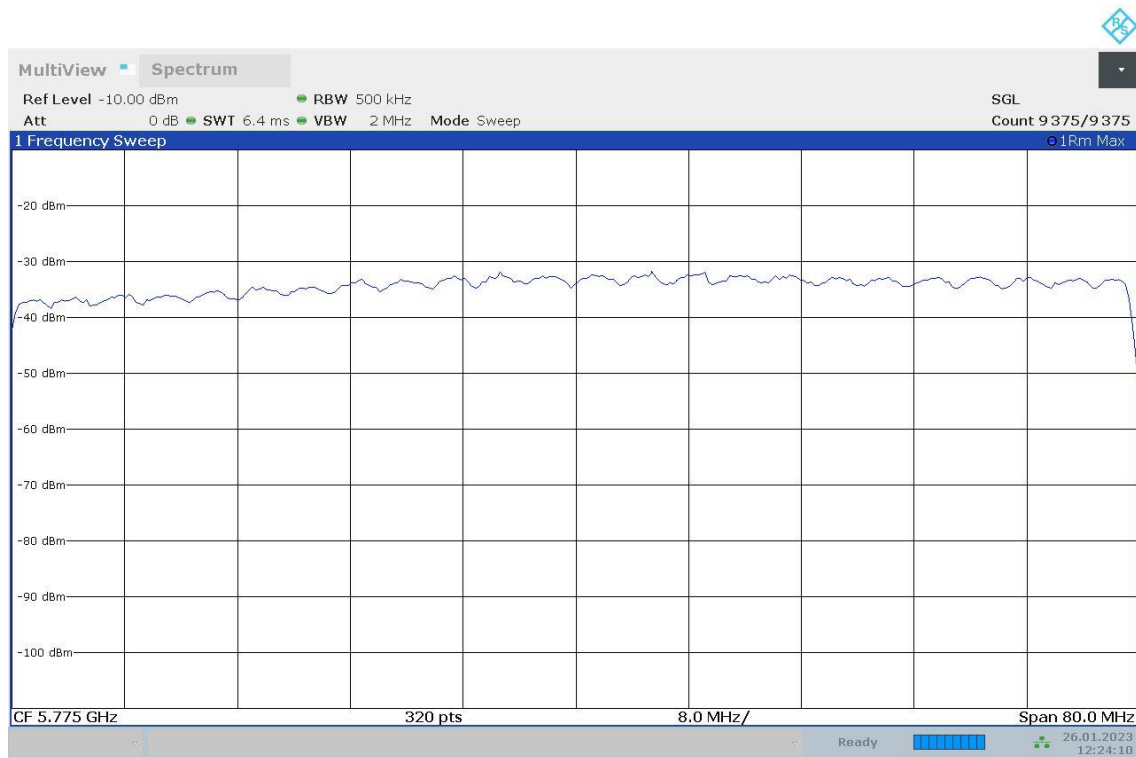
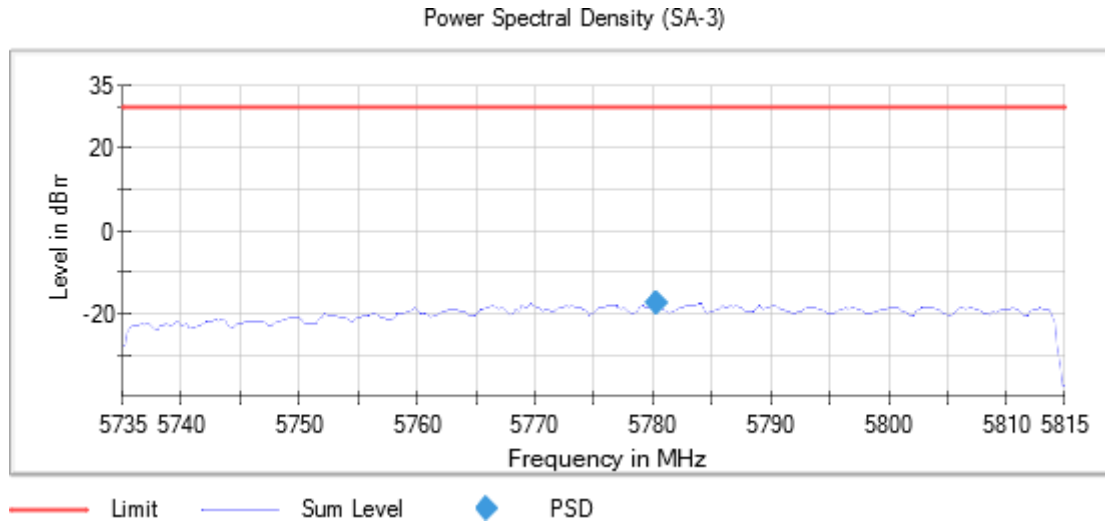
Modulation = 802.11ax HE80 SS1 (OFDMA MCS11)

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