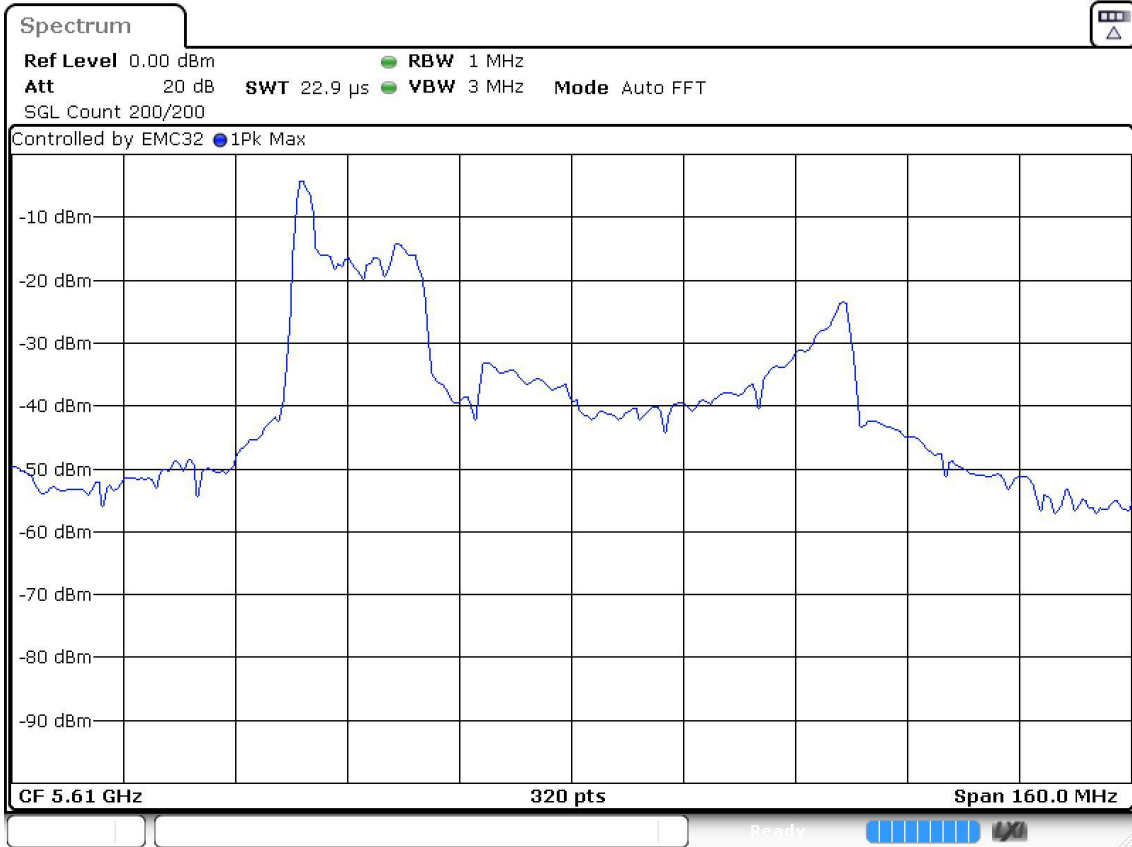
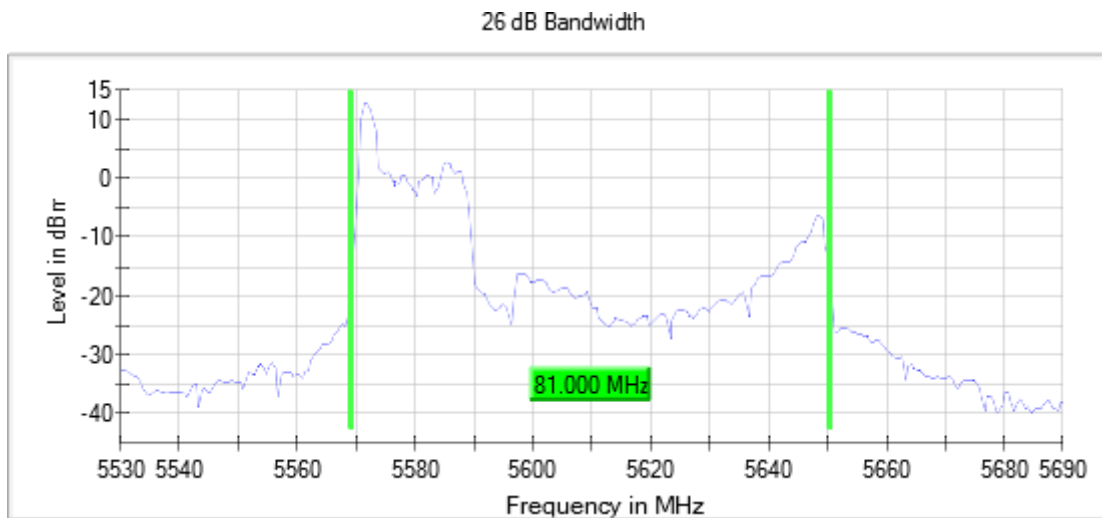


Frequency MHz = 5610.00000 Modulation = 802.11ax HE80 SS1 (OFDMA MCS11)
Mode = MIMO CCD Mode 2x2 Number of Transmission Chains = 2

Images:

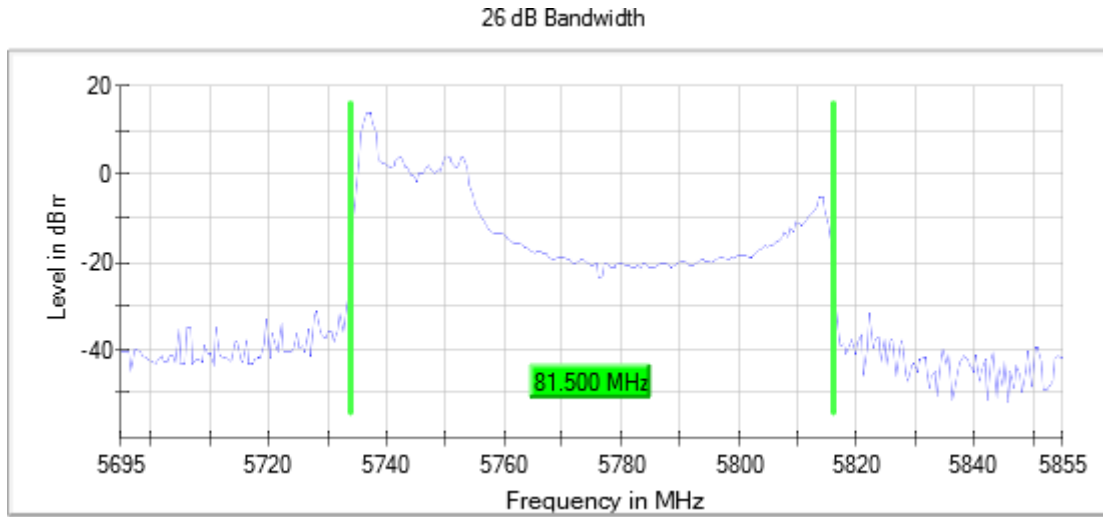


Date: 1.FEB.2023 18:25:01



Frequency MHz = 5775.00000 Modulation = 802.11ax HE80 SS1 (OFDMA MCS11)
Mode = MIMO CCD Mode 2x2 Number of Transmission Chains = 2

Images:



Mode: MIMO CCD Mode 2x2

Modulation: 802.11ac VHT20 SS1 (OFDM MCS8) Beamforming

Results

Freq (MHz)	26Ebw (MHz)
5260.00000	19.900
5280.00000	20.400
5320.00000	20.400
5500.00000	25.700
5580.00000	22.300
5700.00000	19.800

Verdict

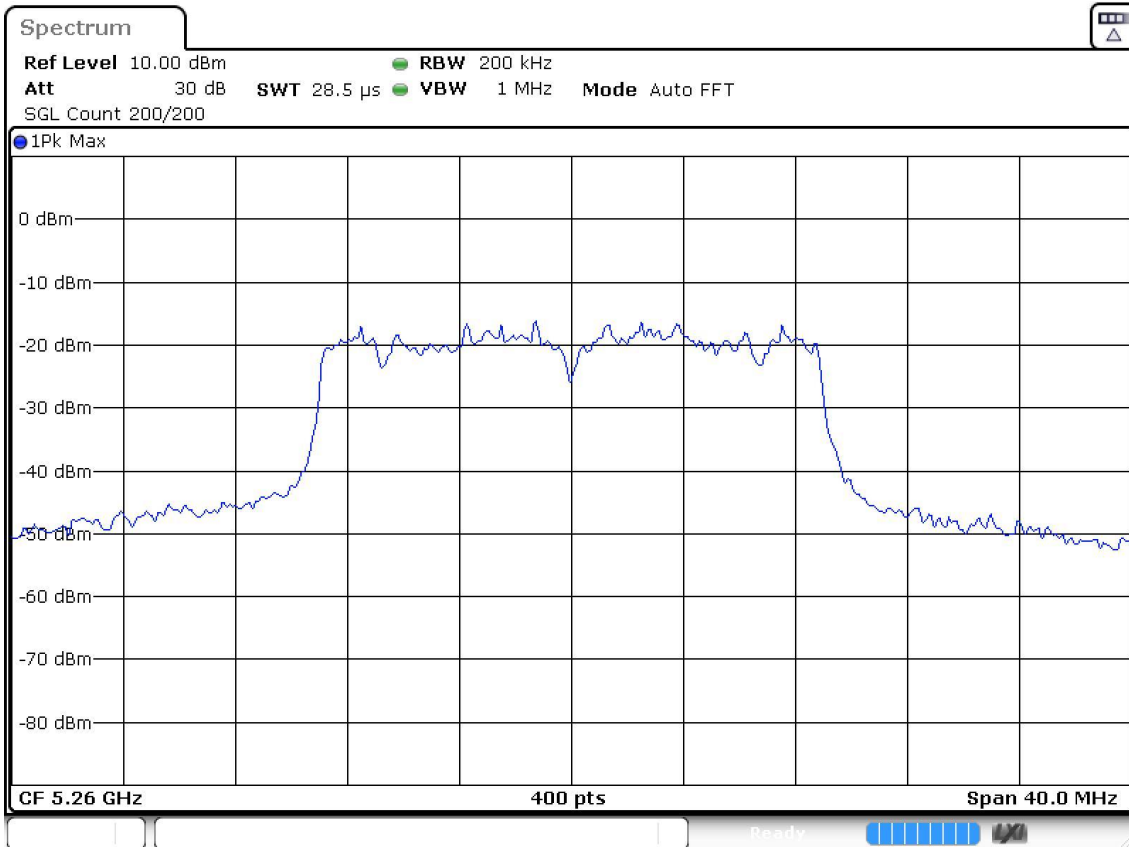
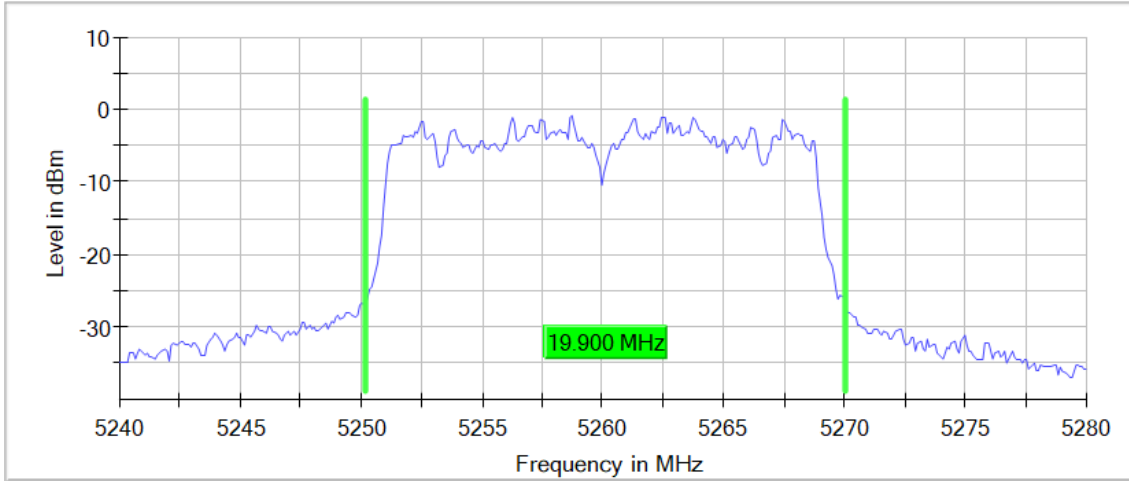
Pass

Attachments

Frequency MHz = 5260.00000 Modulation = 802.11ac VHT20 SS1 (OFDM MCS8)
Mode = MIMO CCD Mode 2x2 Number of Transmission Chains = 2

Images:

26 dB Bandwidth

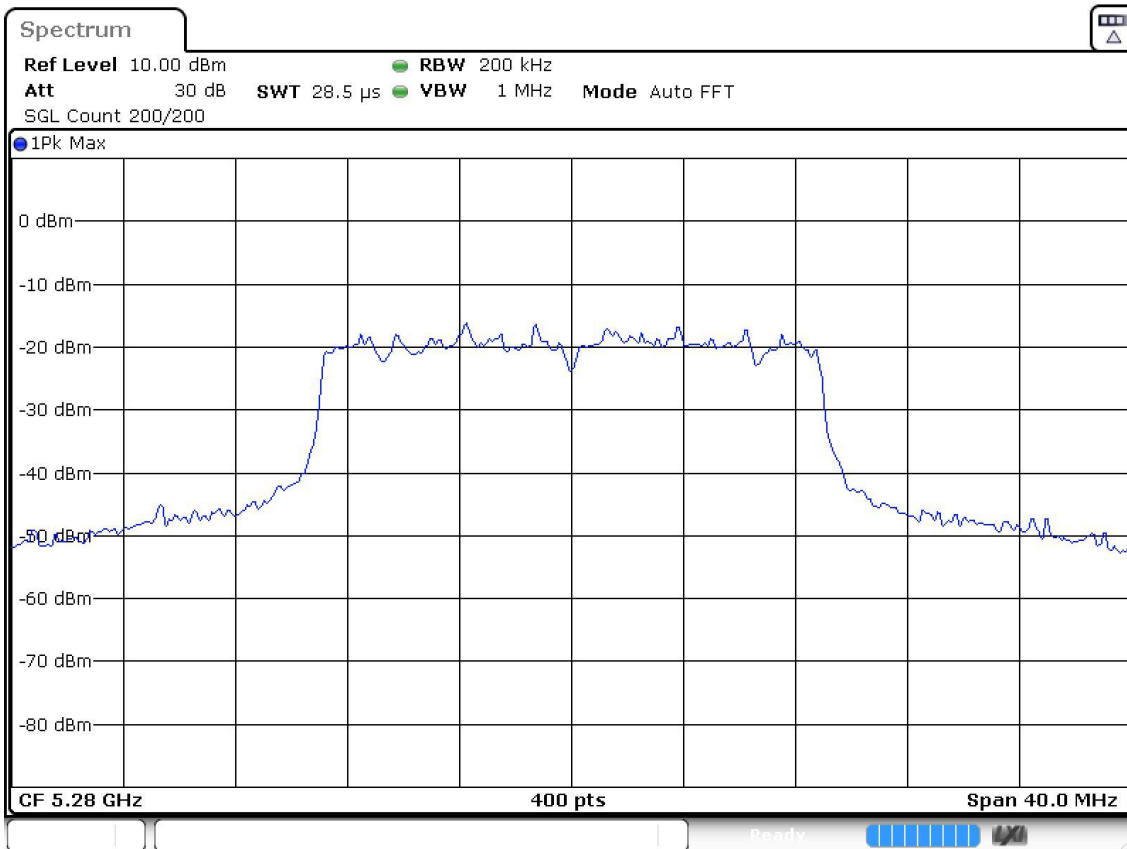
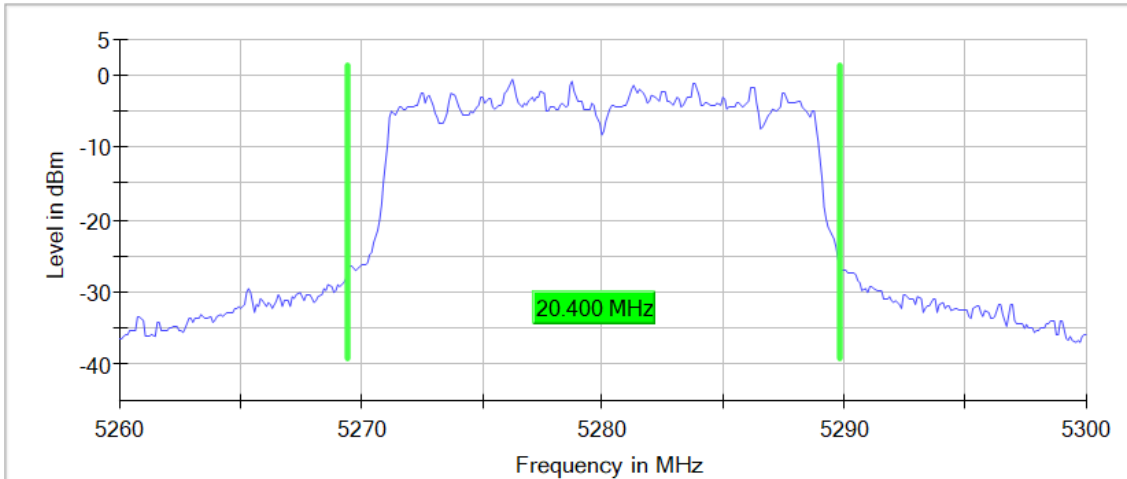


Date: 12.OCT.2021 17:54:56

Frequency MHz = 5280.00000 Modulation = 802.11ac VHT20 SS1 (OFDM MCS8)
Mode = MIMO CCD Mode 2x2 Number of Transmission Chains = 2

Images:

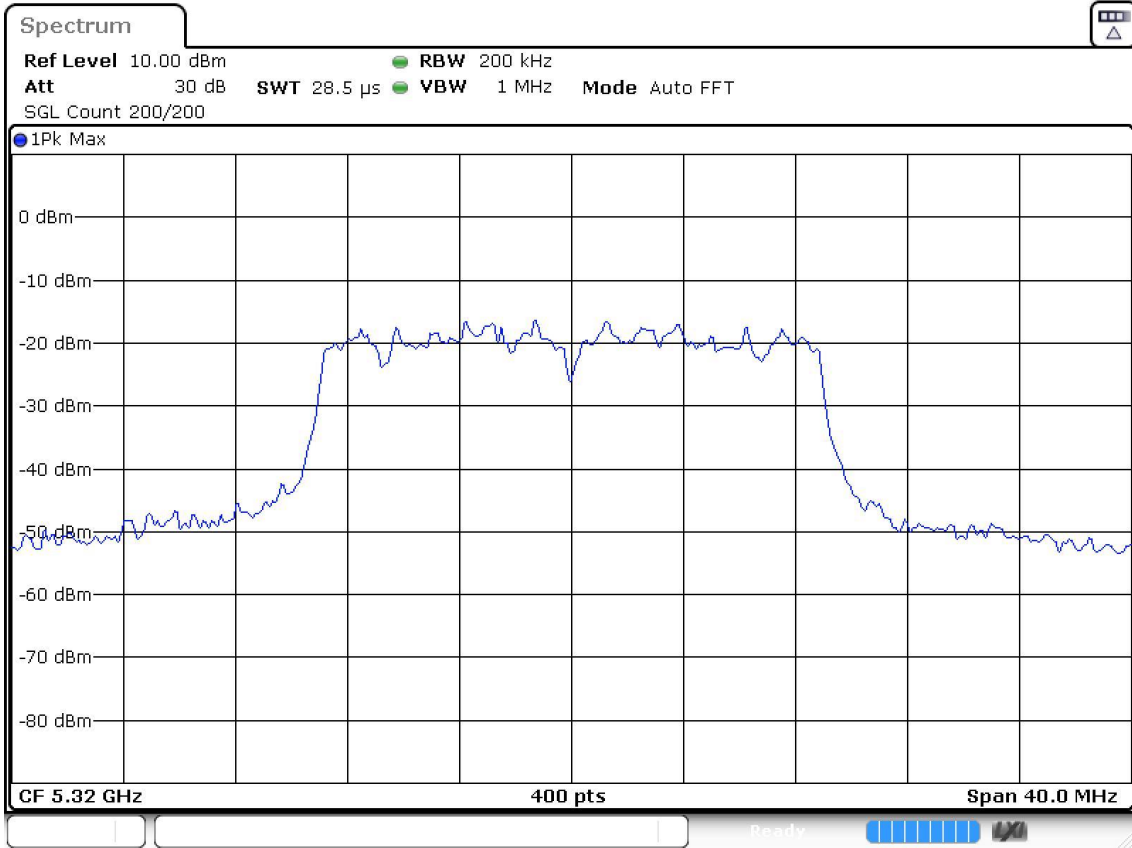
26 dB Bandwidth



Date: 12.OCT.2021 18:18:57

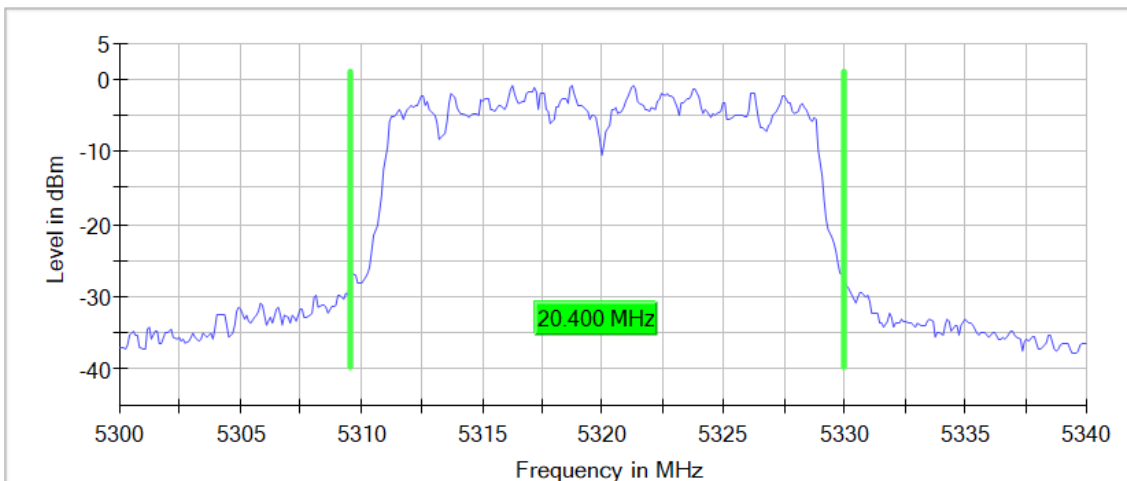
Frequency MHz = 5320.00000 Modulation = 802.11ac VHT20 SS1 (OFDM MCS8)
Mode = MIMO CCD Mode 2x2 Number of Transmission Chains = 2

Images:



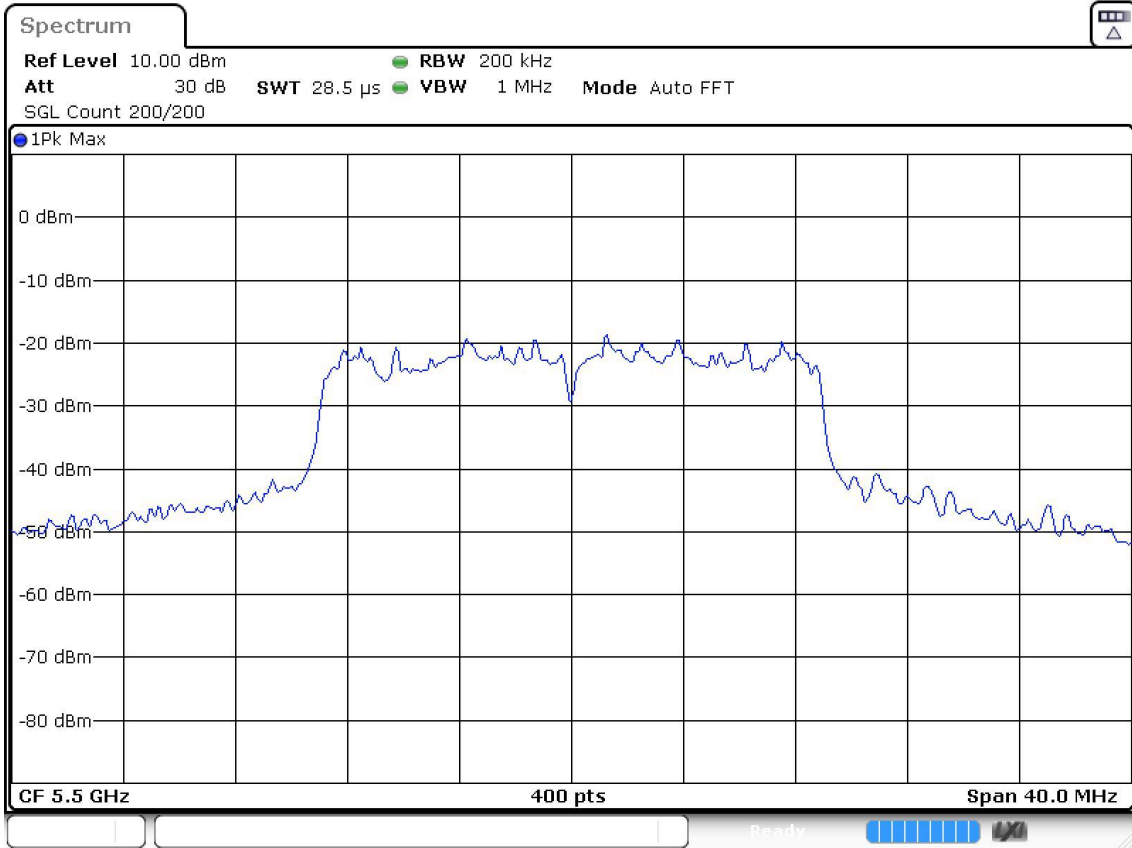
Date: 12.OCT.2021 18:35:00

26 dB Bandwidth



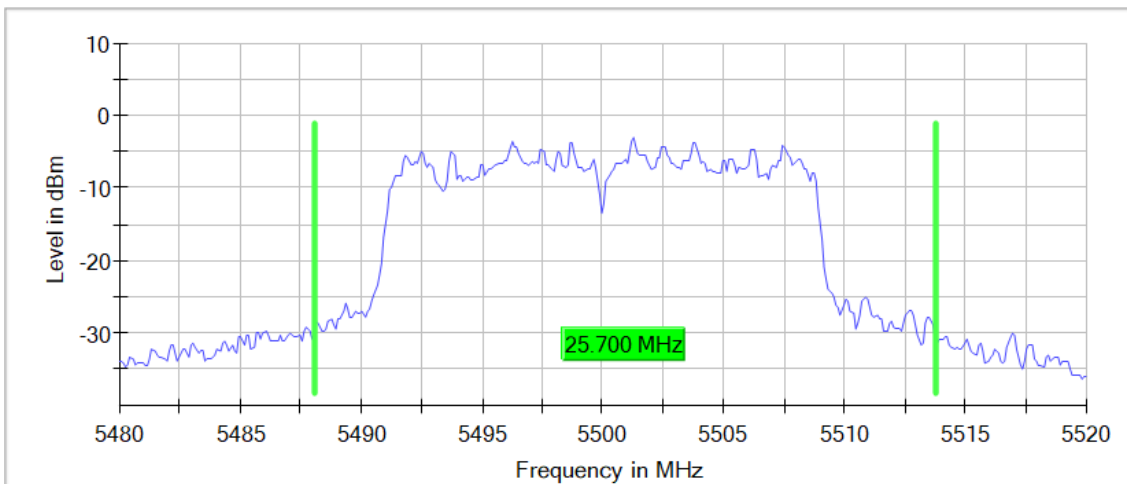
Frequency MHz = 5500.00000 Modulation = 802.11ac VHT20 SS1 (OFDM MCS8)
Mode = MIMO CCD Mode 2x2 Number of Transmission Chains = 2

Images:



Date: 12.OCT.2021 18:50:43

26 dB Bandwidth

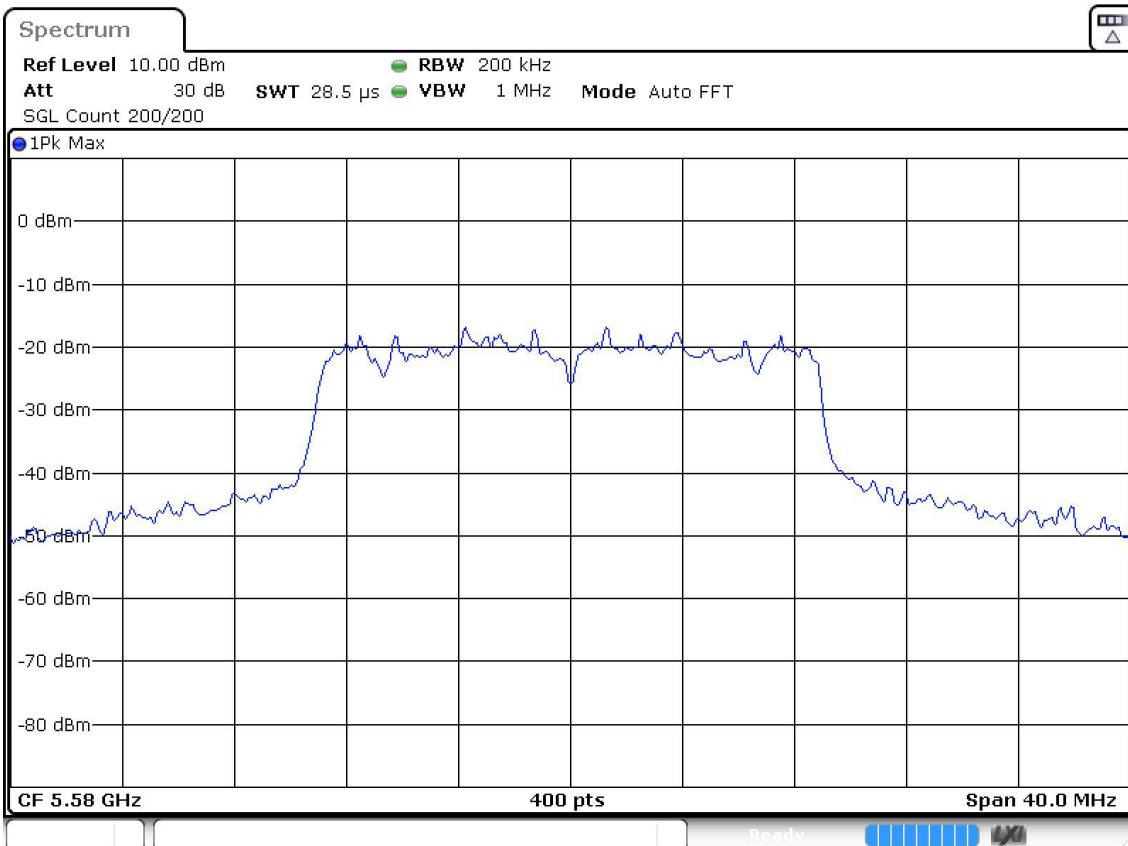
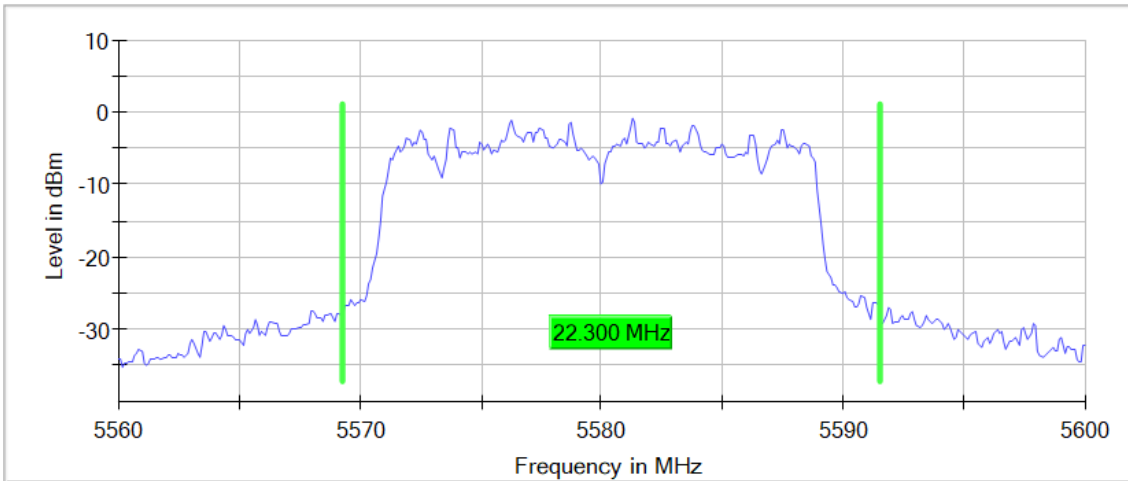


Frequency MHz = 5580.00000
Mode = MIMO CCD Mode 2x2

Modulation = 802.11ac VHT20 SS1 (OFDM MCS8)
Number of Transmission Chains = 2

Images:

26 dB Bandwidth



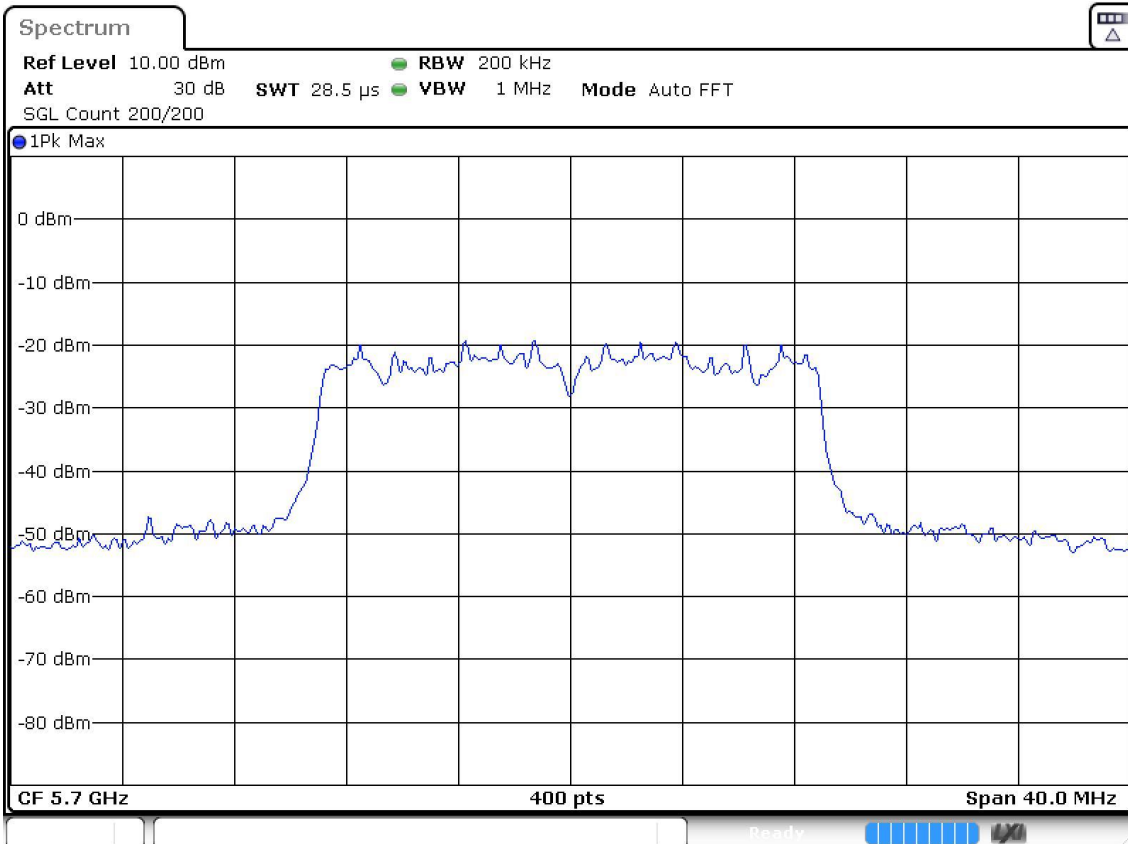
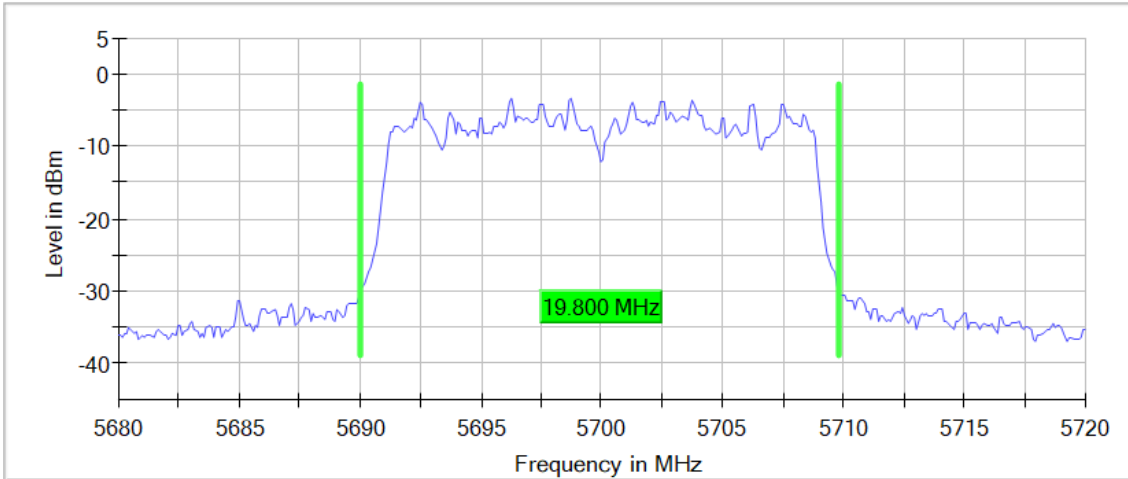
Date: 12.OCT.2021 19:06:57

Frequency MHz = 5700.00000
Mode = MIMO CCD Mode 2x2

Modulation = 802.11ac VHT20 SS1 (OFDM MCS8)
Number of Transmission Chains = 2

Images:

26 dB Bandwidth



Date: 12.OCT.2021 19:15:27

Mode: MIMO CCD Mode 2x2

Modulation: 802.11ac VHT40 SS1 (OFDM MCS9) Beamforming

Results

Freq (MHz)	26Ebw (MHz)
5270.00000	38.724
5310.00000	39.325
5510.00000	39.625
5550.00000	39.475
5670.00000	39.024

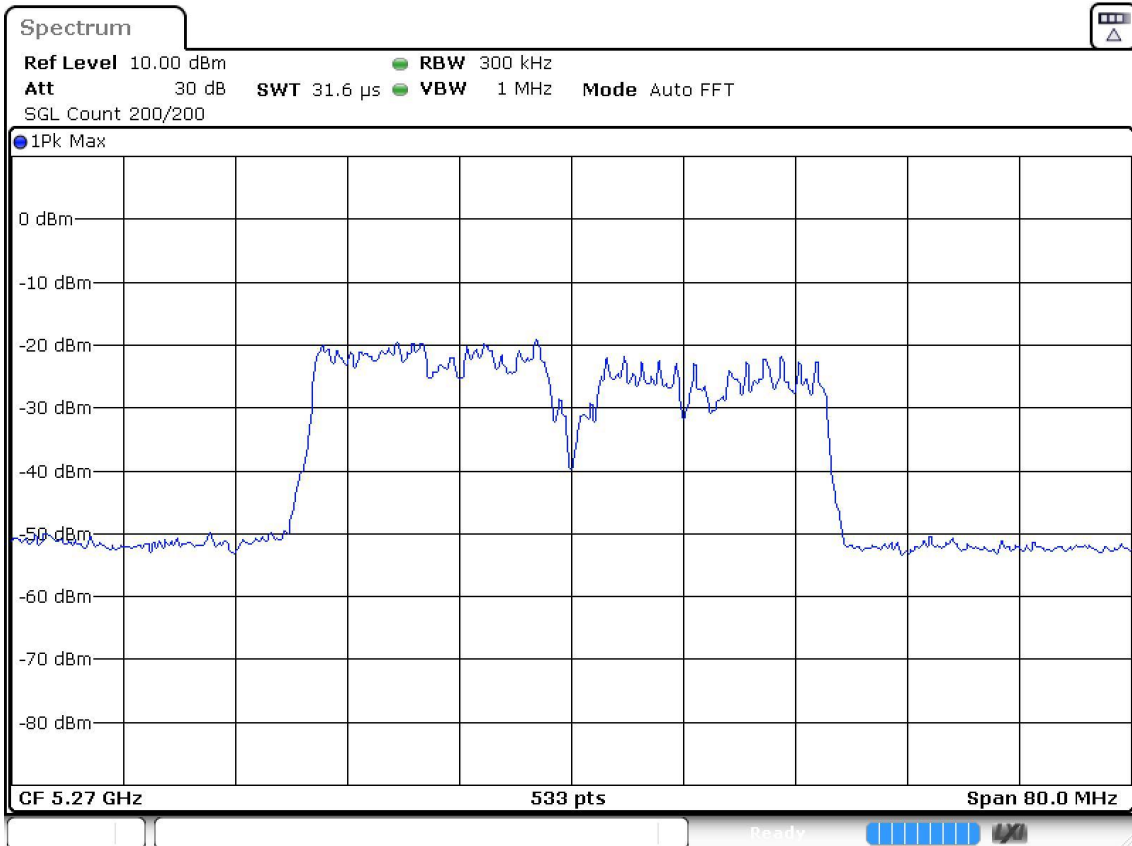
Verdict

Pass

Attachments

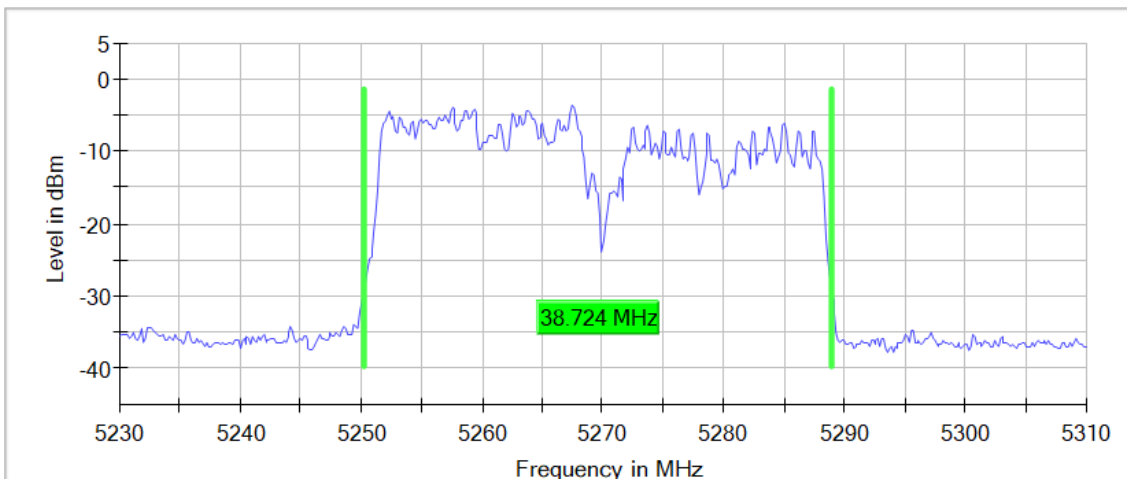
Frequency MHz = 5270.00000 Modulation = 802.11ac VHT40 SS1 (OFDM MCS9)
Mode = MIMO CCD Mode 2x2 Number of Transmission Chains = 2

Images:



Date: 15.OCT.2021 14:50:49

26 dB Bandwidth

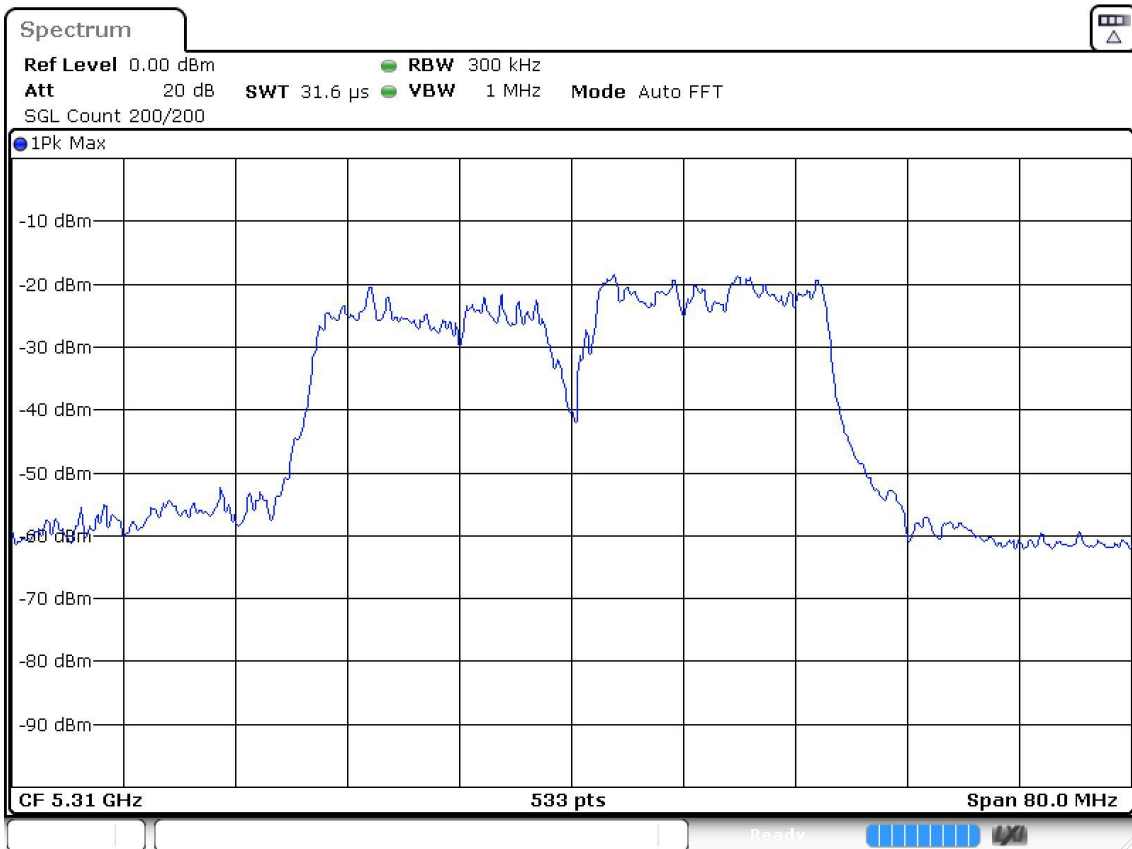
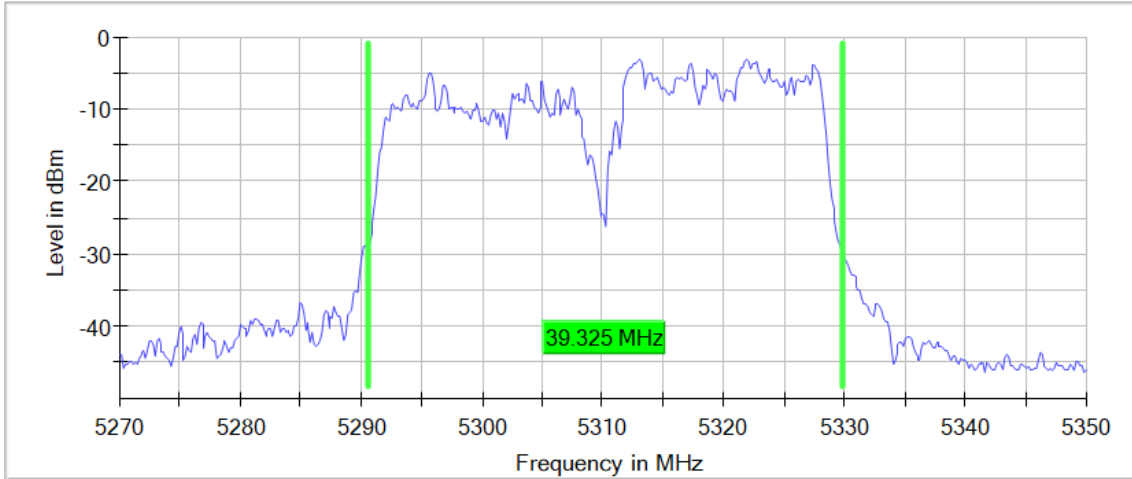


Frequency MHz = 5310.00000
Mode = MIMO CCD Mode 2x2

Modulation = 802.11ac VHT40 SS1 (OFDM MCS9)
Number of Transmission Chains = 2

Images:

26 dB Bandwidth



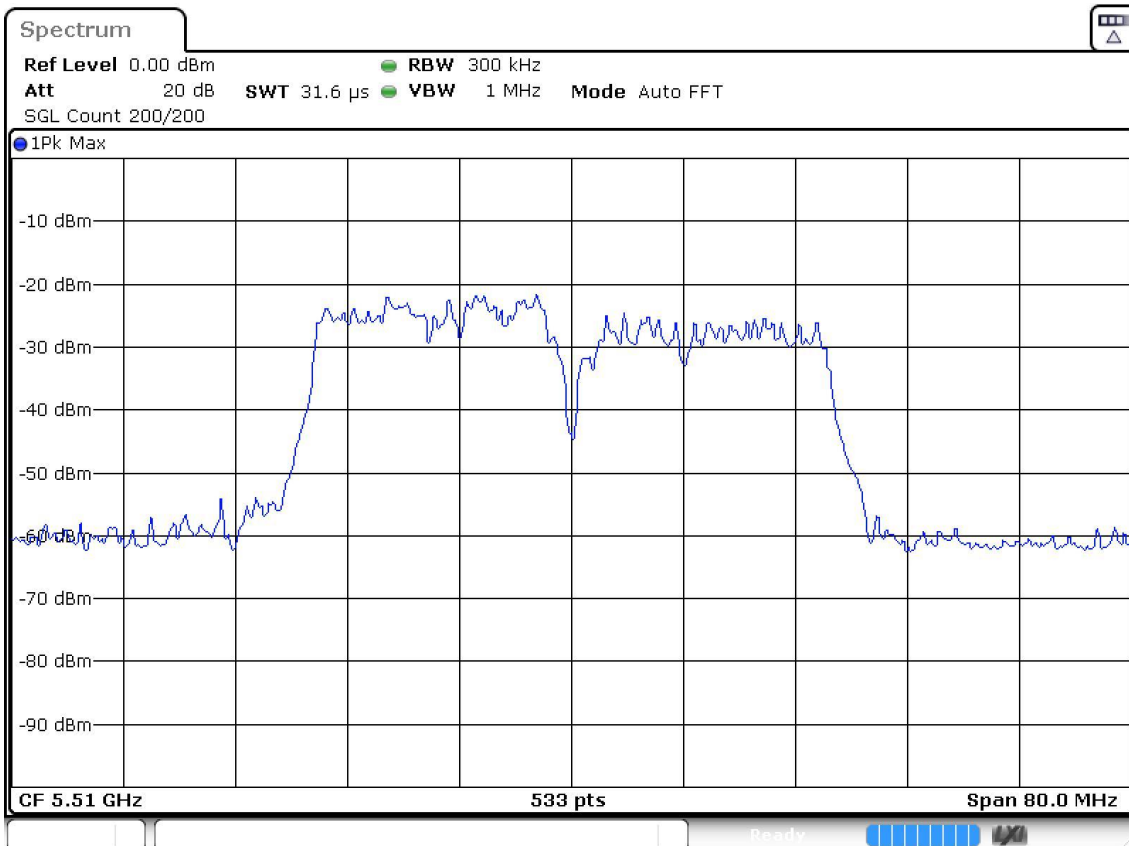
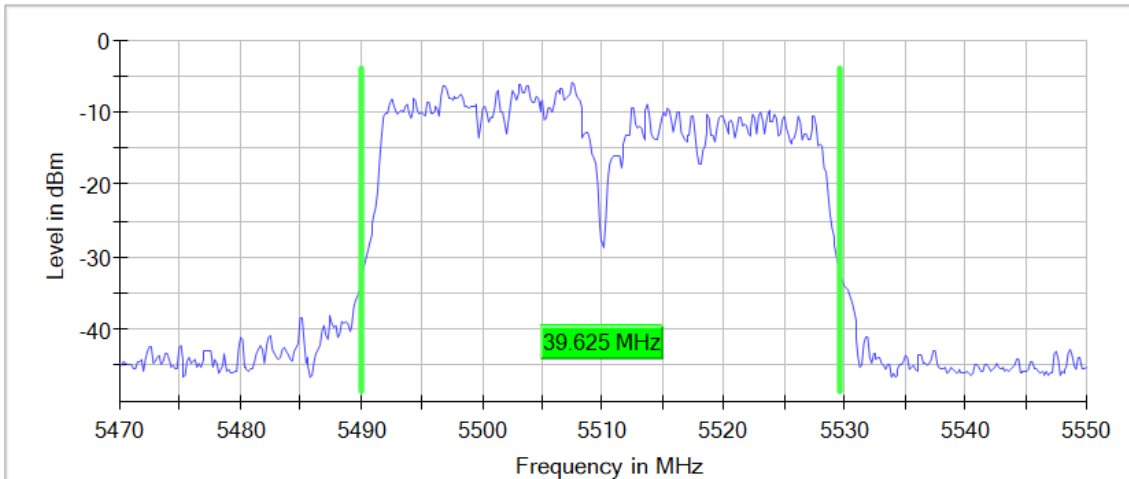
Date: 15.OCT.2021 15:24:49

Frequency MHz = 5510.00000
Mode = MIMO CCD Mode 2x2

Modulation = 802.11ac VHT40 SS1 (OFDM MCS9)
Number of Transmission Chains = 2

Images:

26 dB Bandwidth



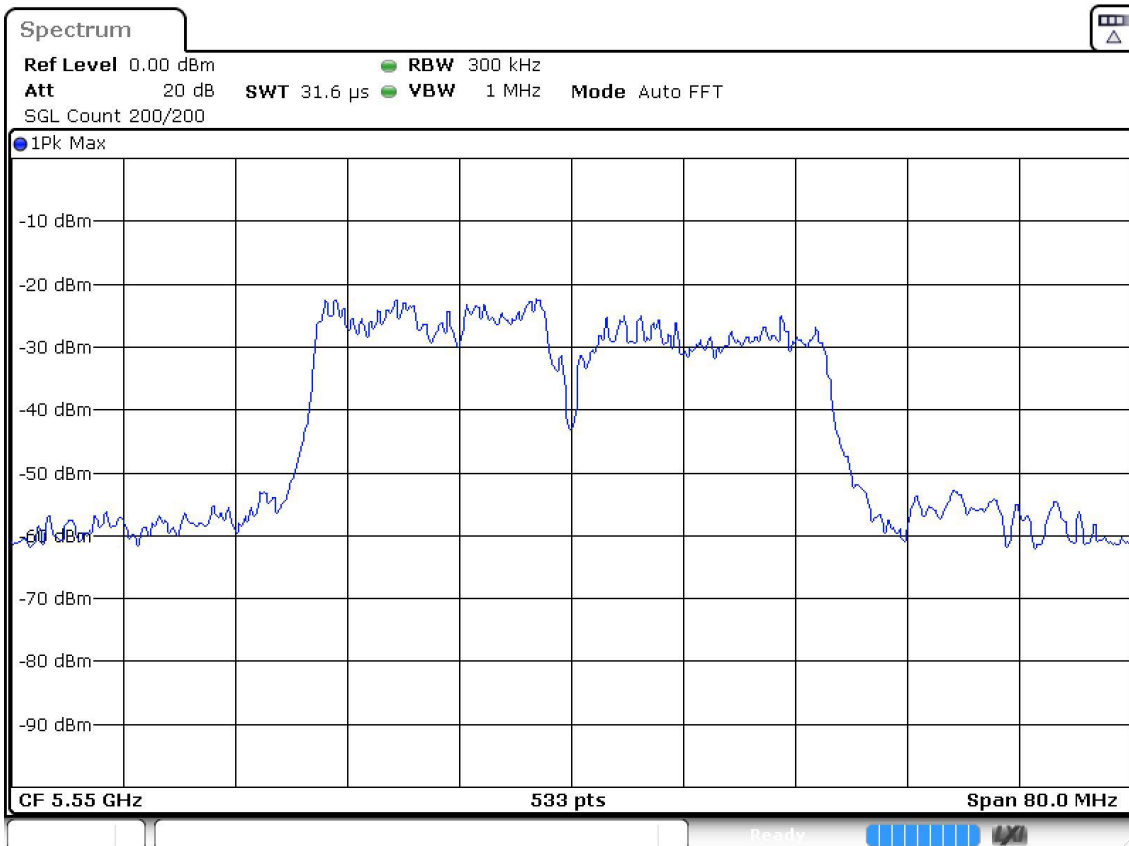
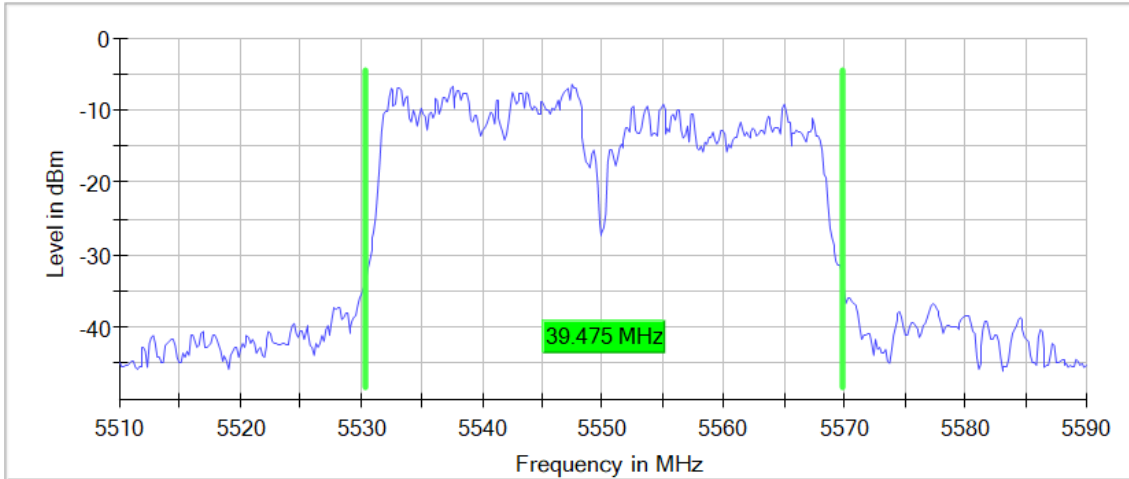
Date: 15.OCT.2021 15:43:29

Frequency MHz = 5550.00000
Mode = MIMO CCD Mode 2x2

Modulation = 802.11ac VHT40 SS1 (OFDM MCS9)
Number of Transmission Chains = 2

Images:

26 dB Bandwidth



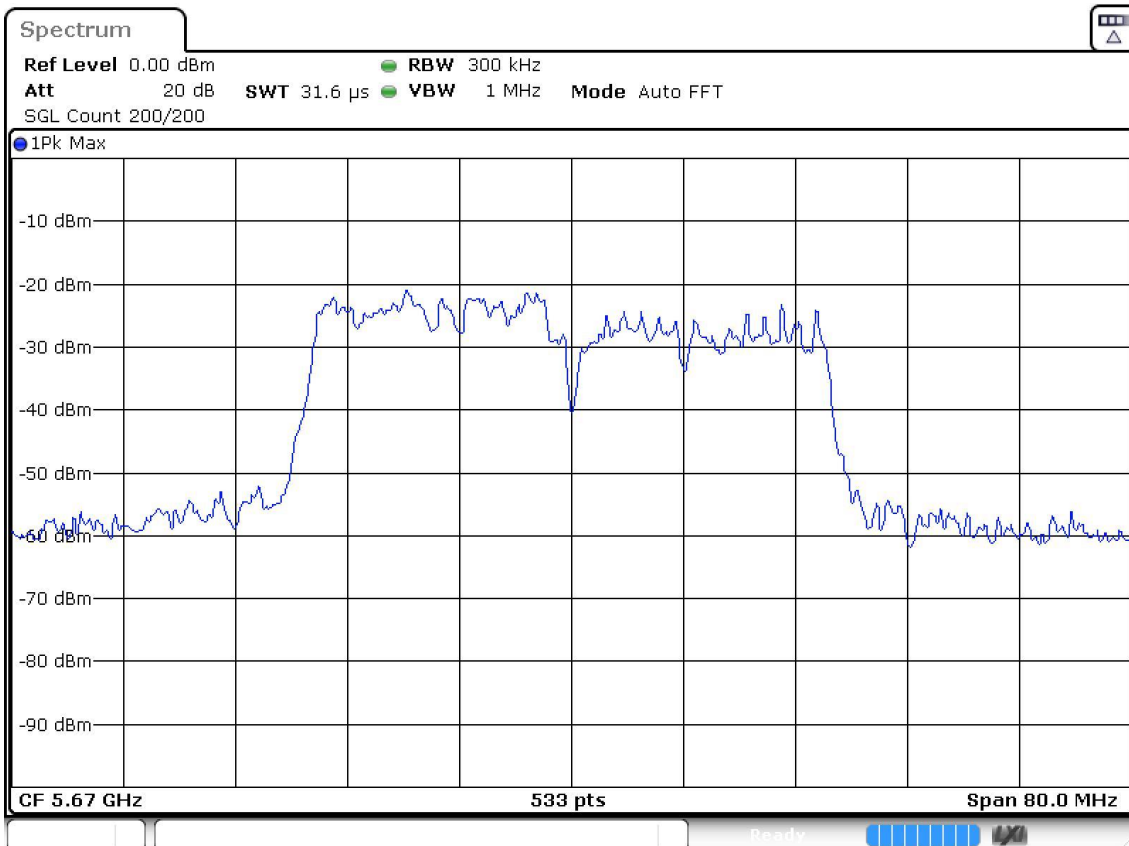
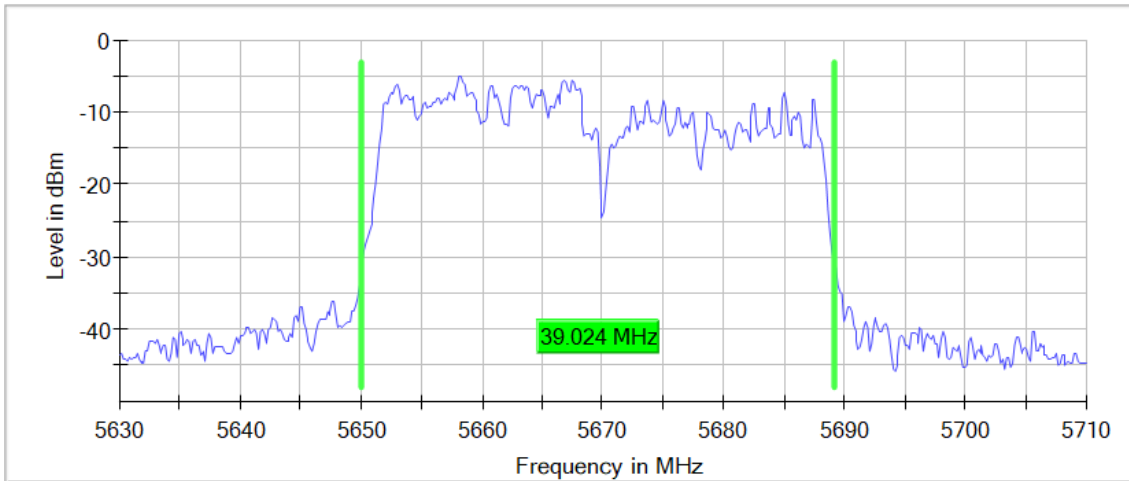
Date: 15.OCT.2021 16:05:40

Frequency MHz = 5670.00000
Mode = MIMO CCD Mode 2x2

Modulation = 802.11ac VHT40 SS1 (OFDM MCS9)
Number of Transmission Chains = 2

Images:

26 dB Bandwidth



Date: 15.OCT.2021 16:20:34

Mode: MIMO CCD Mode 2x2

Modulation: 802.11ac VHT80 SS1 (OFDM MCS9) Beamforming

Results

Freq (MHz)	26Ebw (MHz)
5290.00000	82.500
5530.00000	87.000
5610.00000	88.000

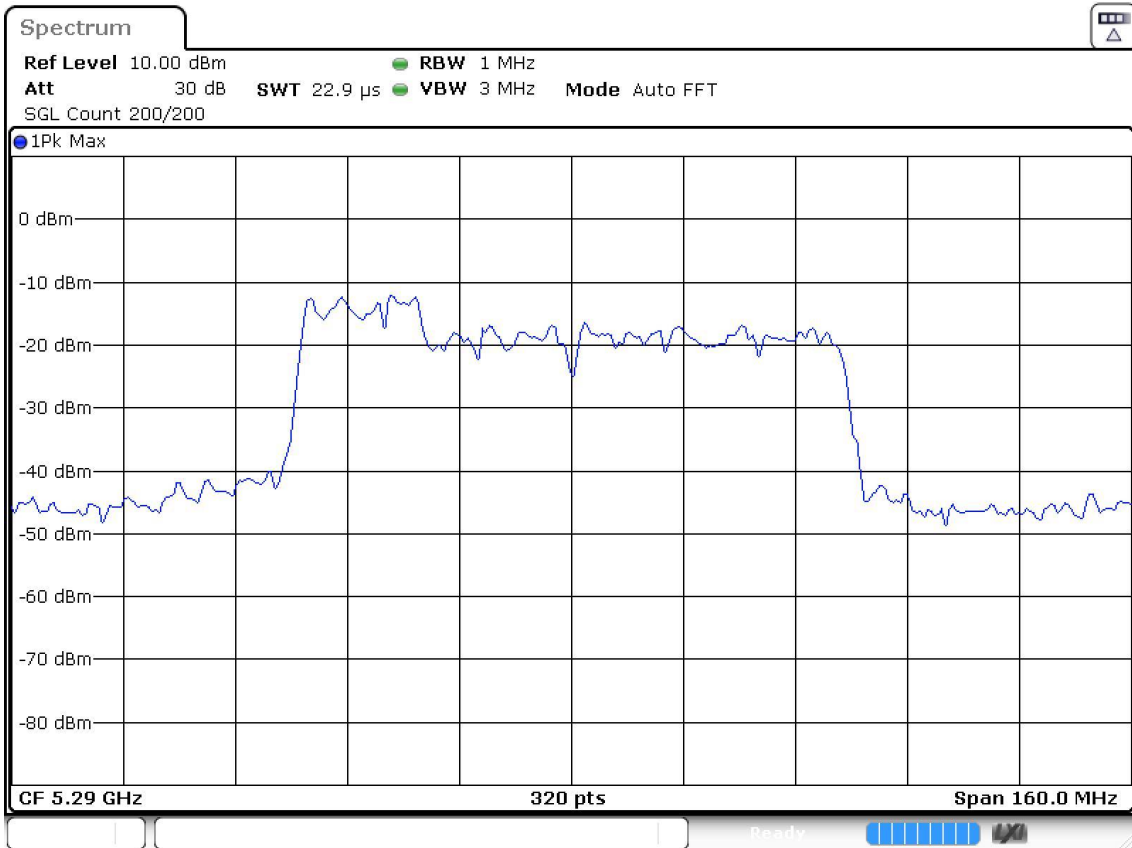
Verdict

Pass

Attachments

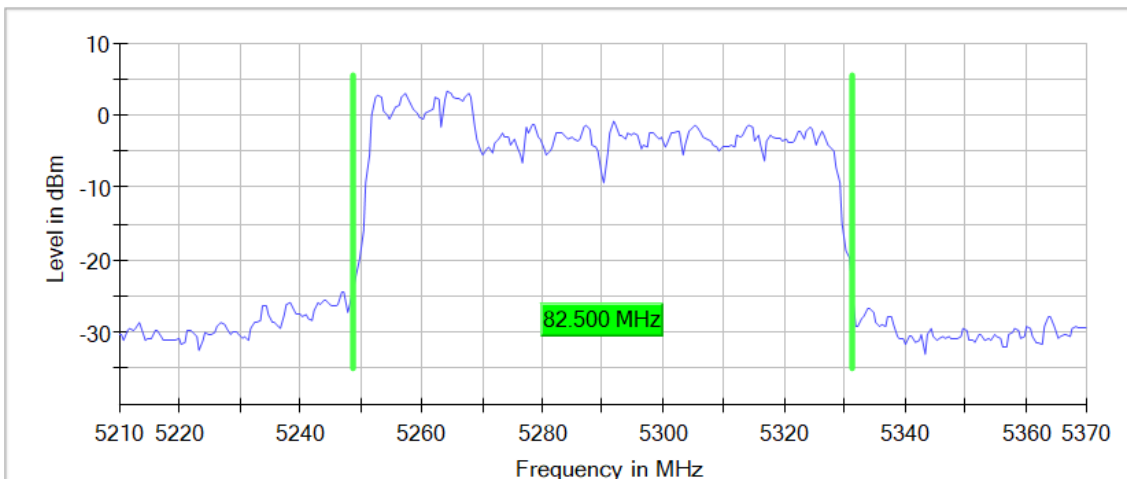
Frequency MHz = 5290.0000 Modulation = 802.11ac VHT80 SS1 (OFDM MCS9)
Mode = MIMO CCD Mode 2x2 Number of Transmission Chains = 2

Images:



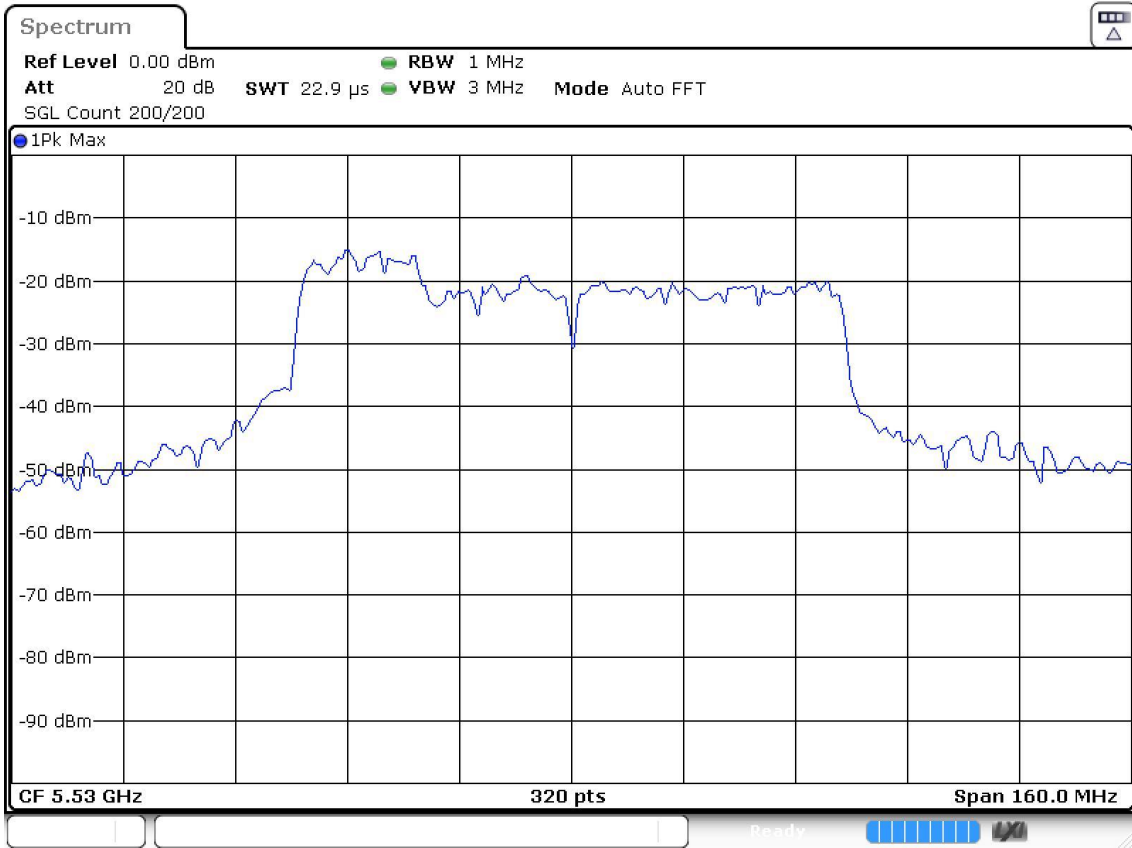
Date: 23.OCT.2021 19:40:11

26 dB Bandwidth



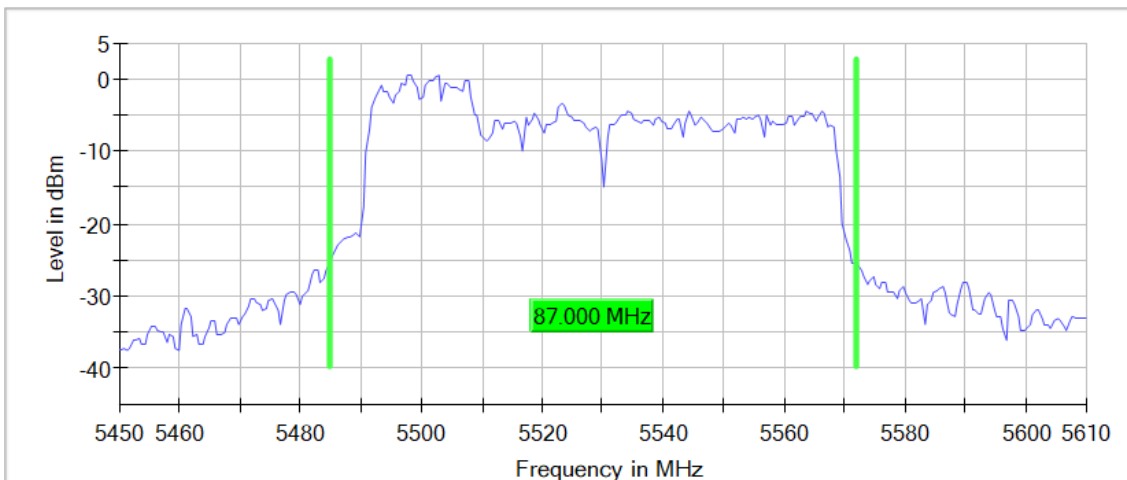
Frequency MHz = 5530.00000 Modulation = 802.11ac VHT80 SS1 (OFDM MCS9)
Mode = MIMO CCD Mode 2x2 Number of Transmission Chains = 2

Images:



Date: 23.OCT.2021 20:10:20

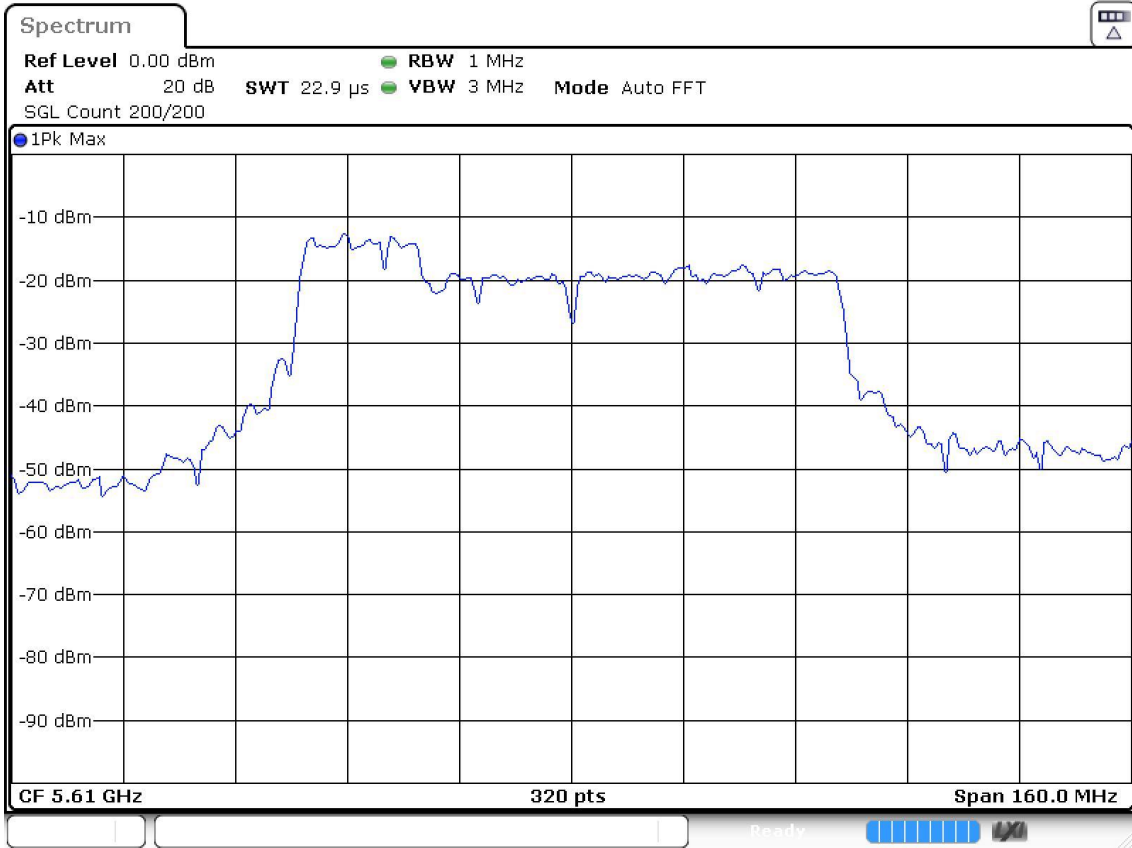
26 dB Bandwidth



Frequency MHz = 5610.00000 Modulation = 802.11ac VHT80 SS1 (OFDM MCS9)

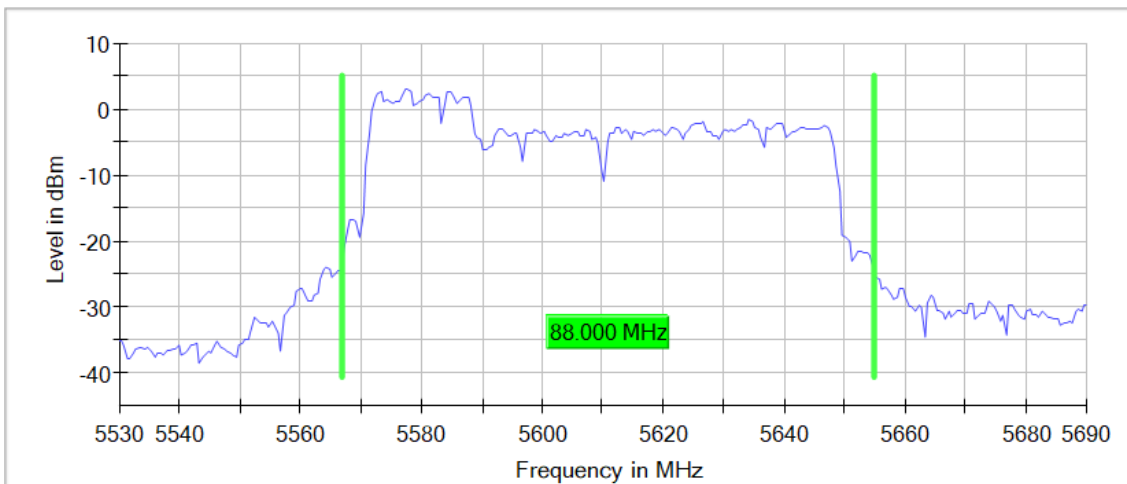
Mode = MIMO CCD Mode 2x2 Number of Transmission Chains = 2

Images:



Date: 23.OCT.2021 20:44:38

26 dB Bandwidth



Mode: MIMO CCD Mode 2x2

Modulation: 802.11ax HE20 SS1 (OFDMA MCS8) Beamforming

Results

Freq (MHz)	26Ebw (MHz)
5260.00000	26.100
5280.00000	21.800
5320.00000	20.600
5500.00000	32.600
5580.00000	25.800
5700.00000	20.300

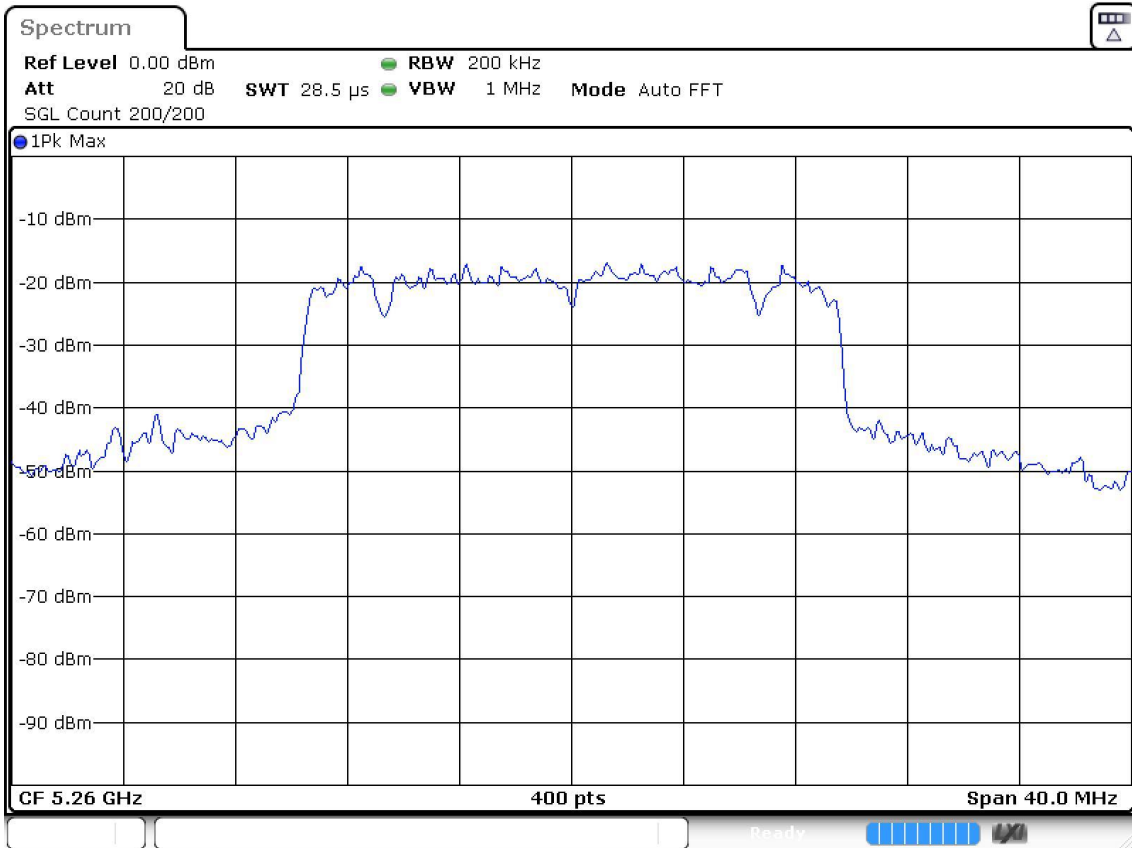
Verdict

Pass

Attachments

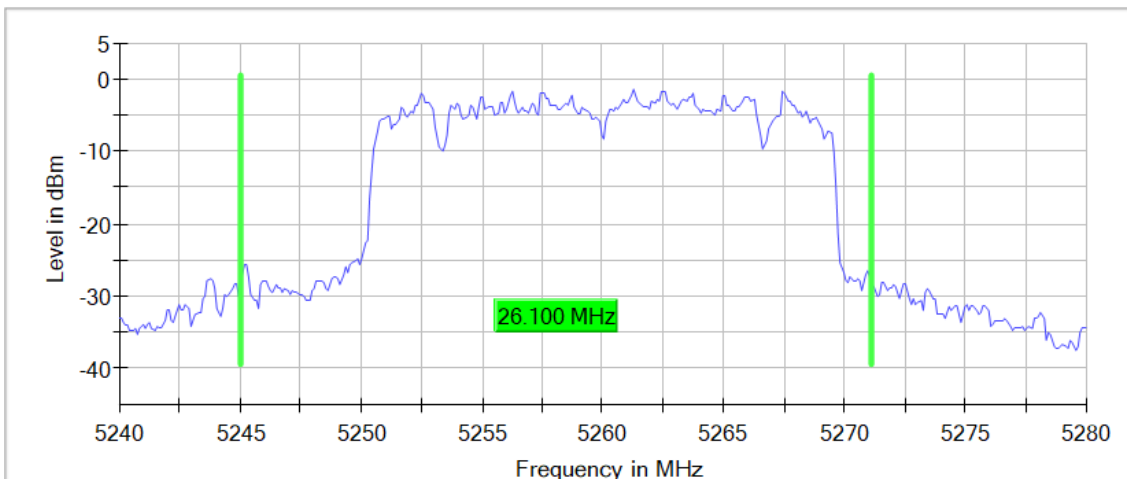
Frequency MHz = 5260.00000 Modulation = 802.11ax HE20 SS1 (OFDMA MCS8)
Mode = MIMO CCD Mode 2x2 Number of Transmission Chains = 2

Images:



Date: 14.OCT.2021 14:11:04

26 dB Bandwidth

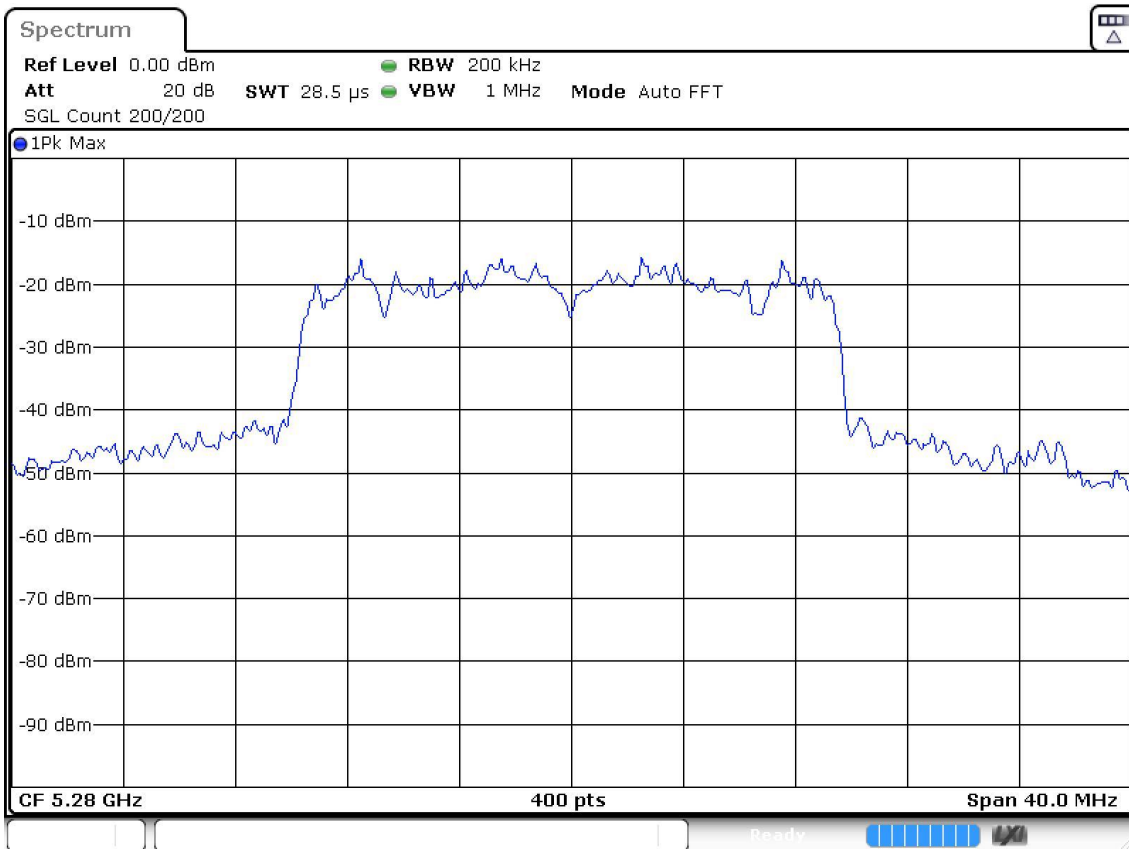
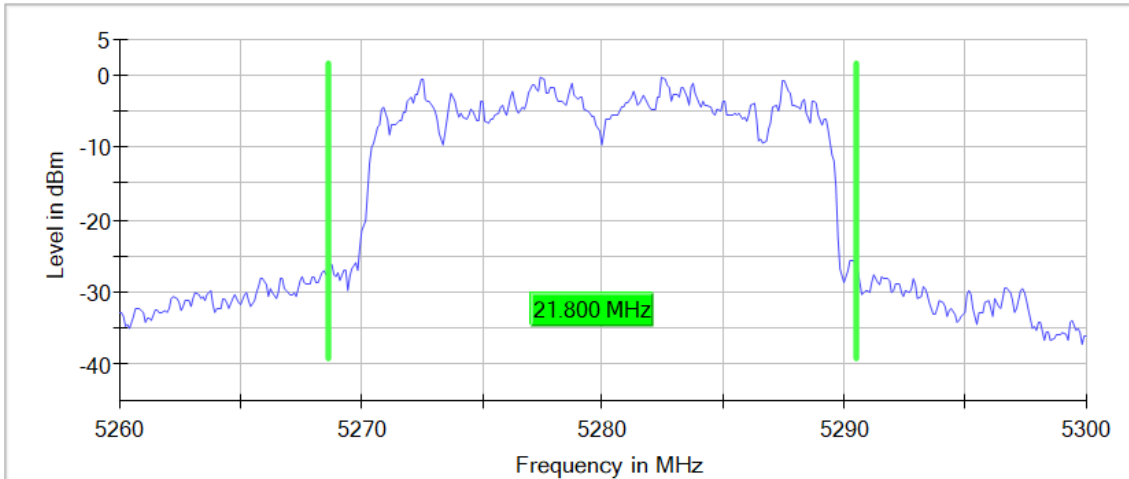


Frequency MHz = 5280.00000
Mode = MIMO CCD Mode 2x2

Modulation = 802.11ax HE20 SS1 (OFDMA MCS8)
Number of Transmission Chains = 2

Images:

26 dB Bandwidth



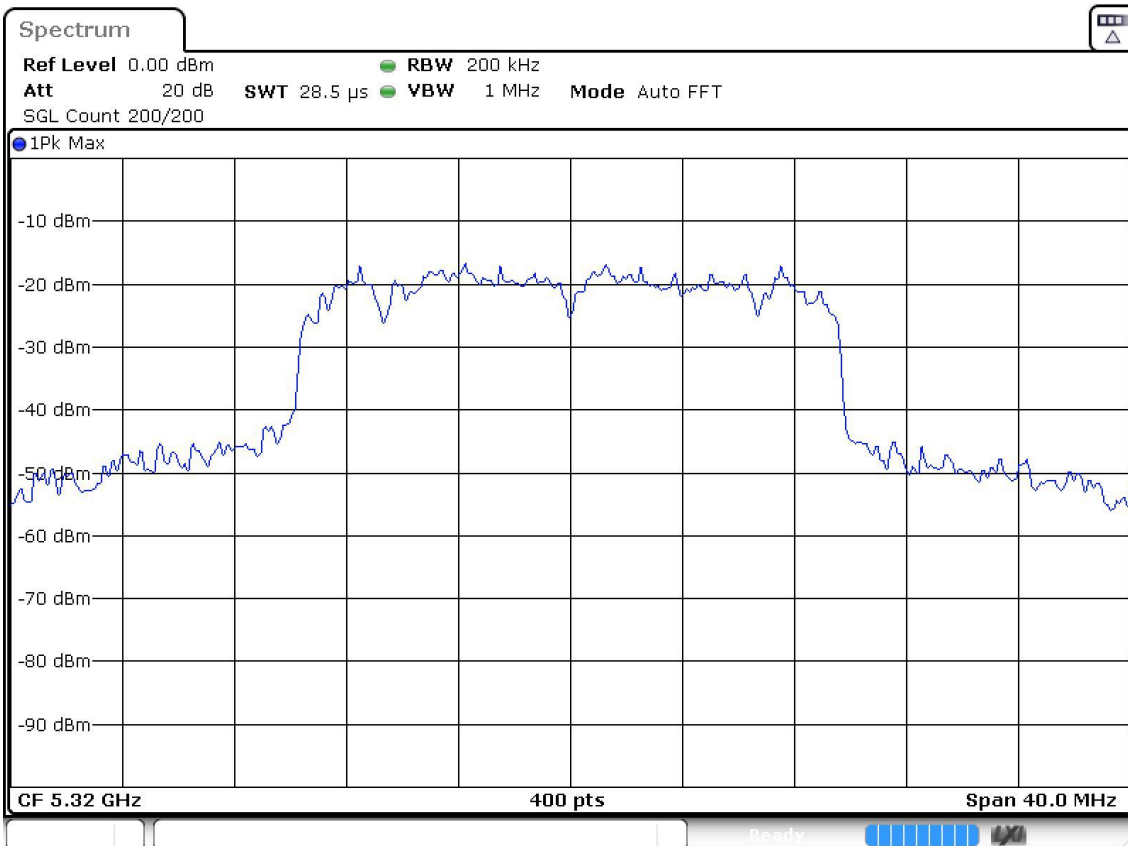
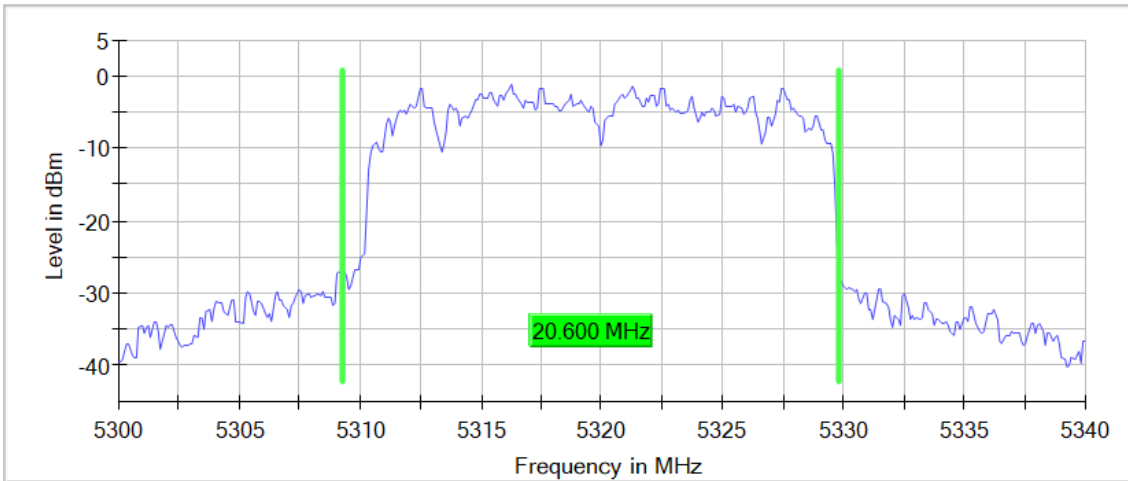
Date: 14.OCT.2021 14:26:33

Frequency MHz = 5320.00000
Mode = MIMO CCD Mode 2x2

Modulation = 802.11ax HE20 SS1 (OFDMA MCS8)
Number of Transmission Chains = 2

Images:

26 dB Bandwidth



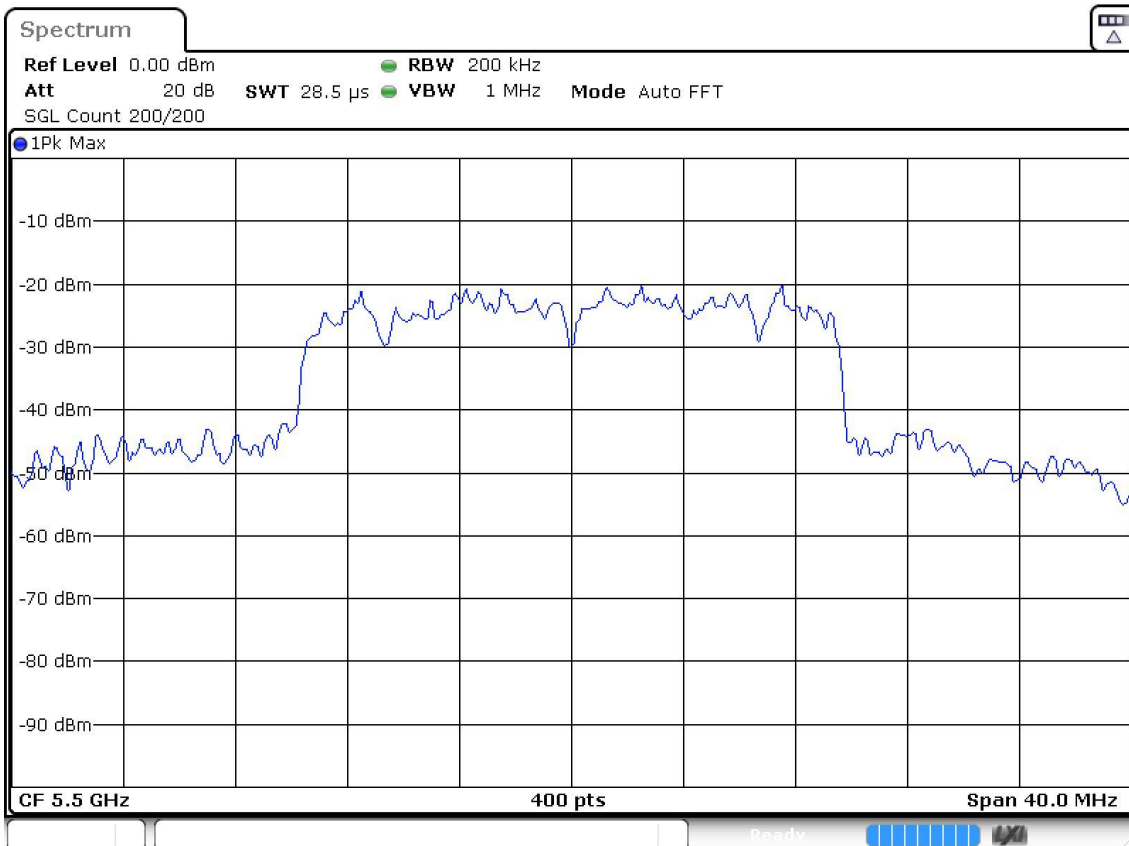
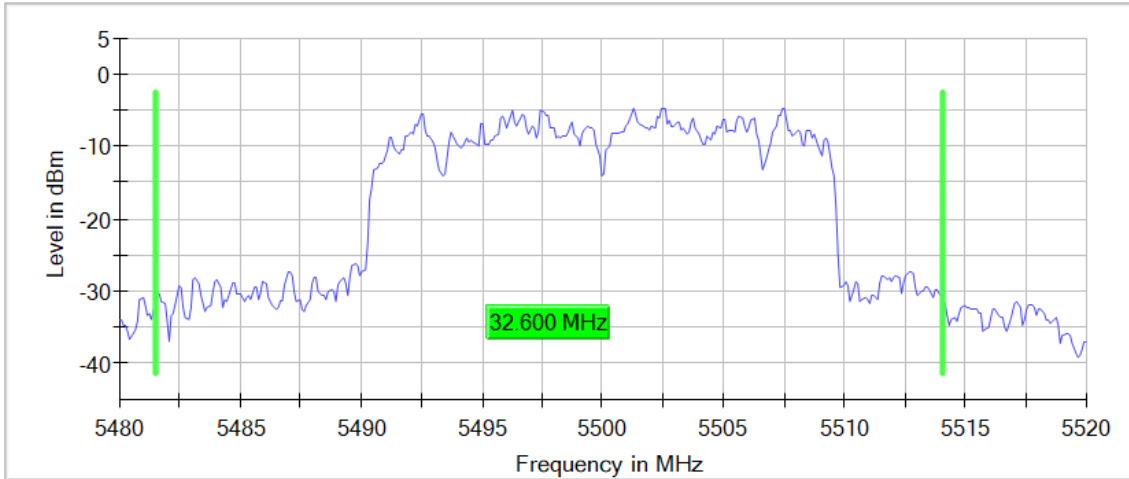
Date: 14.OCT.2021 14:38:26

Frequency MHz = 5500.00000
Mode = MIMO CCD Mode 2x2

Modulation = 802.11ax HE20 SS1 (OFDMA MCS8)
Number of Transmission Chains = 2

Images:

26 dB Bandwidth



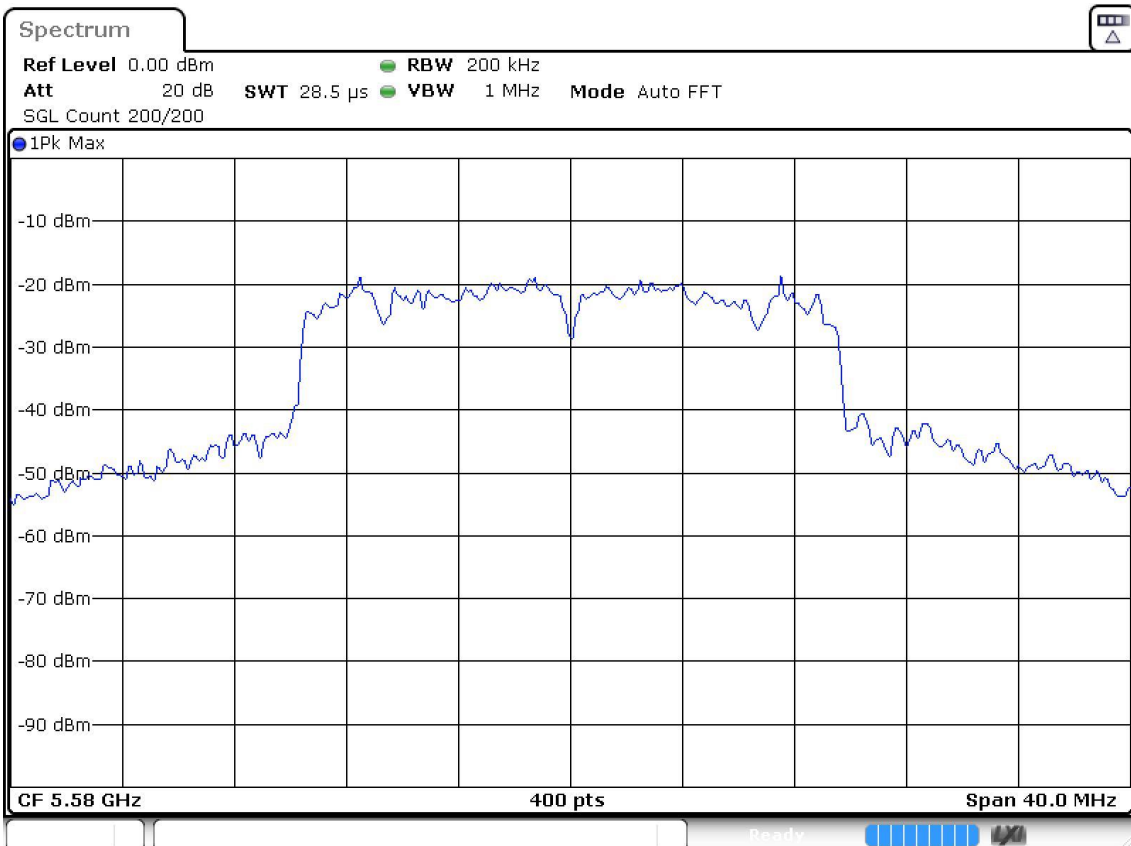
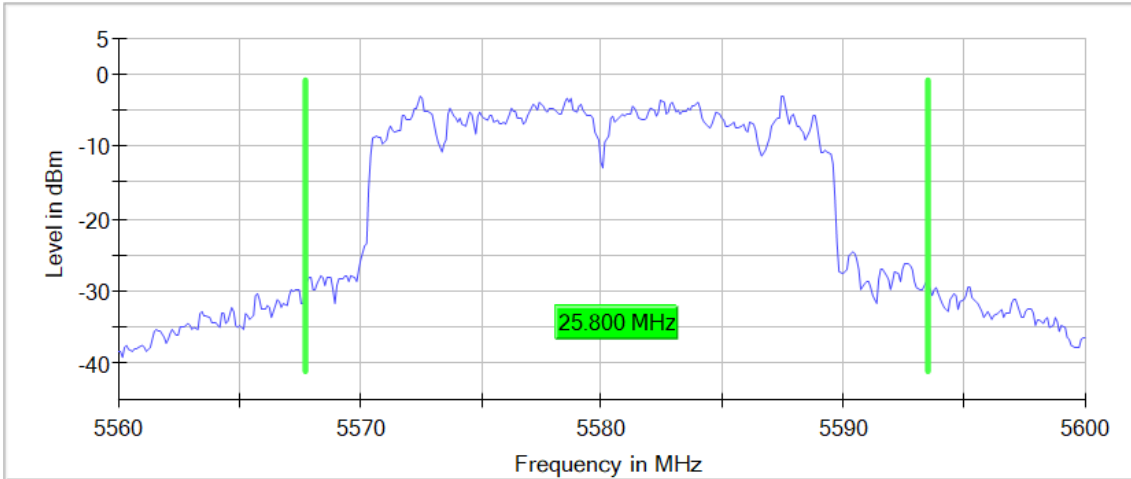
Date: 14.OCT.2021 14:56:13

Frequency MHz = 5580.00000
Mode = MIMO CCD Mode 2x2

Modulation = 802.11ax HE20 SS1 (OFDMA MCS8)
Number of Transmission Chains = 2

Images:

26 dB Bandwidth



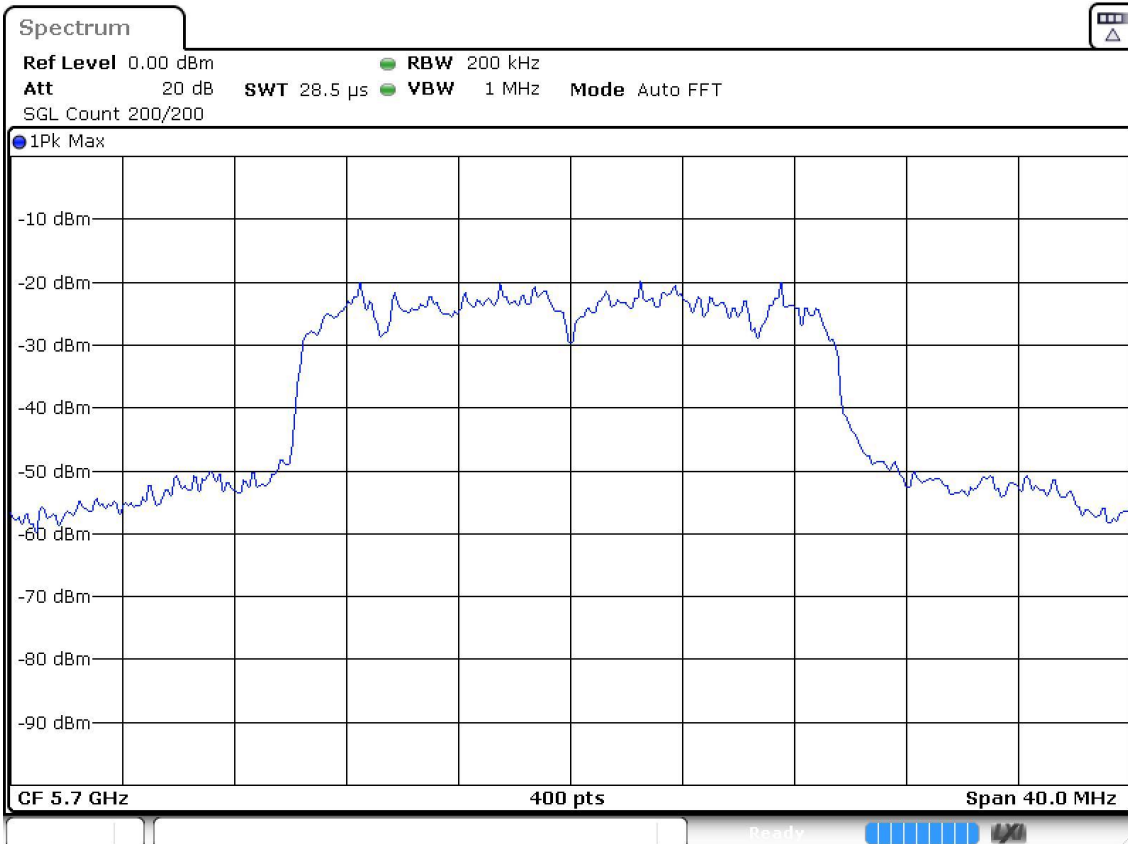
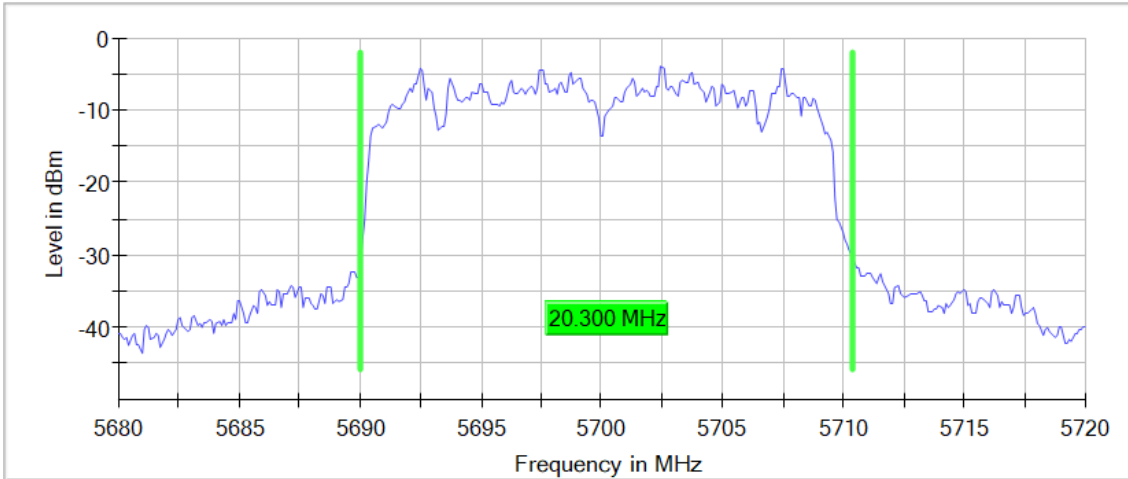
Date: 14.OCT.2021 15:15:55

Frequency MHz = 5700.00000
Mode = MIMO CCD Mode 2x2

Modulation = 802.11ax HE20 SS1 (OFDMA MCS8)
Number of Transmission Chains = 2

Images:

26 dB Bandwidth



Date: 14.OCT.2021 15:27:21

Mode: MIMO CCD Mode 2x2

Modulation: 802.11ax HE40 SS1 (OFDMA MCS9) Beamforming

Results

Freq (MHz)	26Ebw (MHz)
5270.00000	40.075
5310.00000	40.976
5510.00000	40.225
5550.00000	39.625
5670.00000	39.925

Verdict

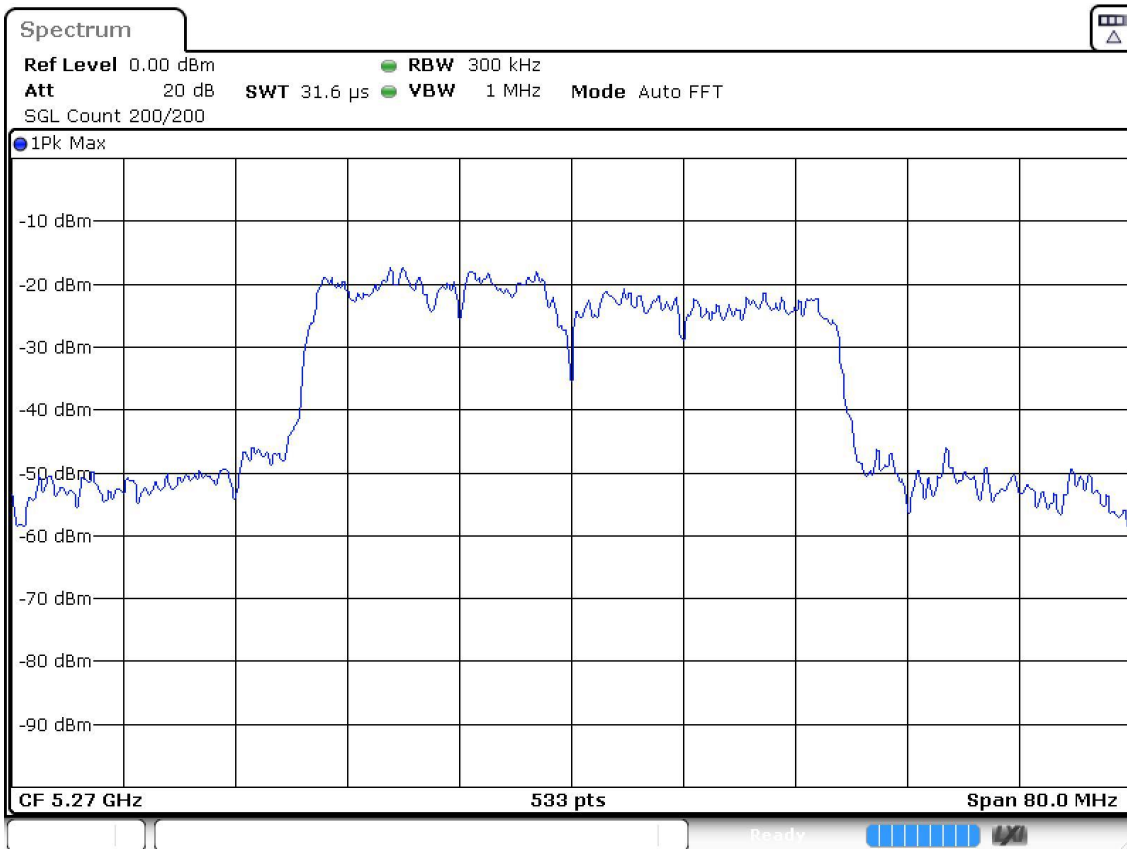
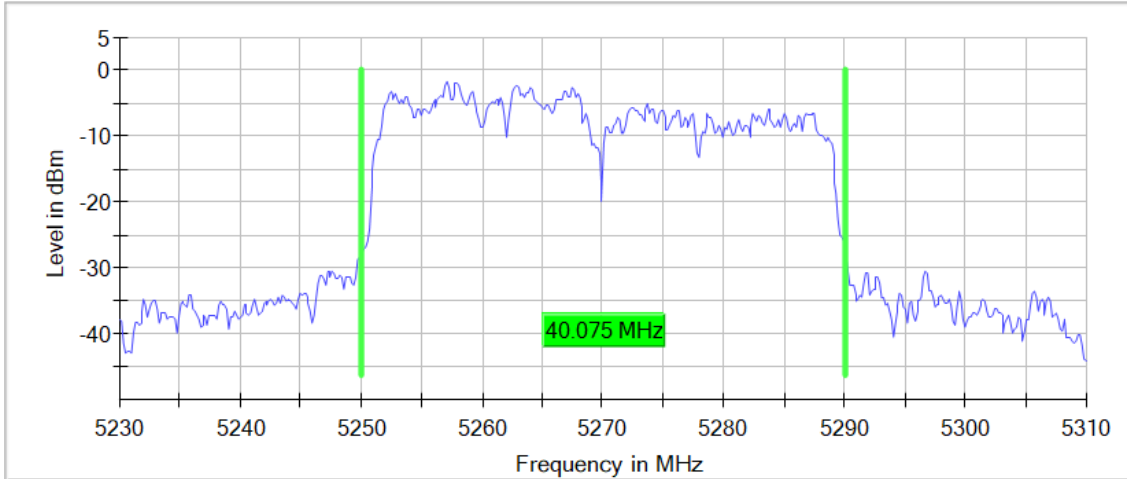
Pass

Attachments

Frequency MHz = 5270.00000 Modulation = 802.11ax HE40 SS1 (OFDMA MCS9)
Mode = MIMO CCD Mode 2x2 Number of Transmission Chains = 2

Images:

26 dB Bandwidth



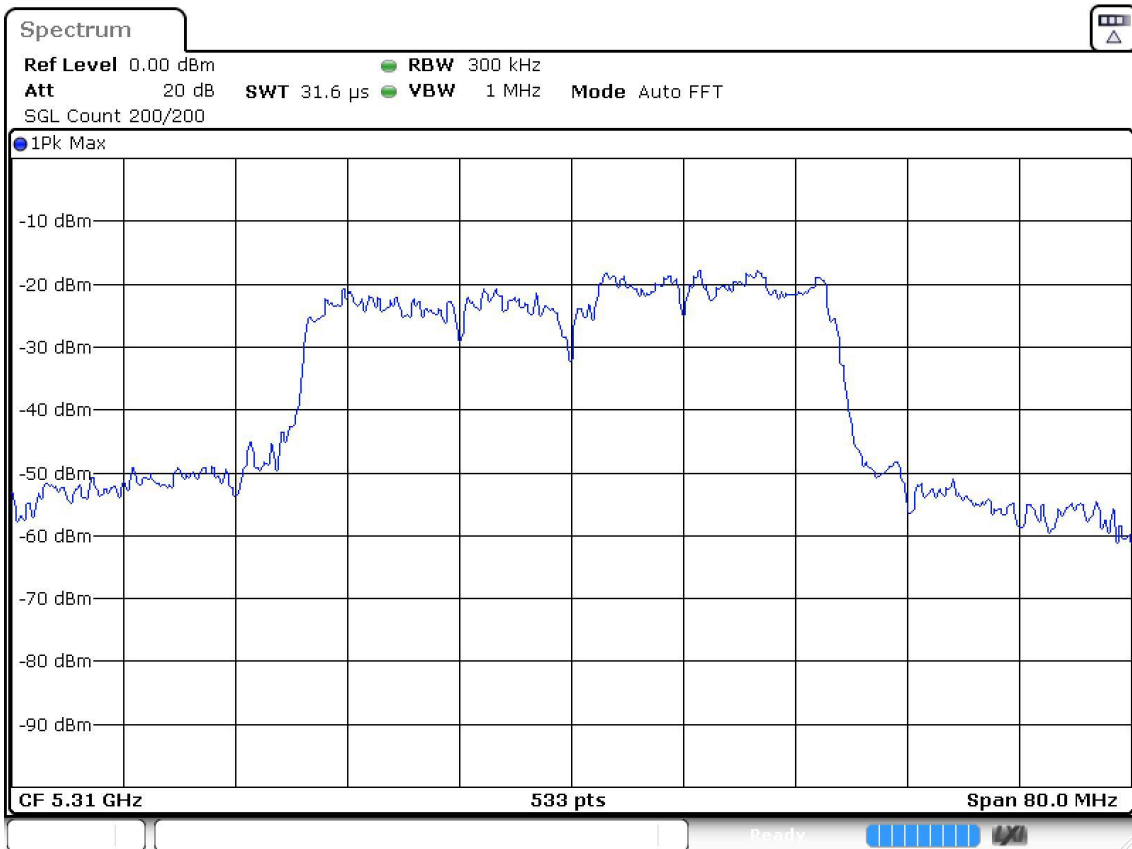
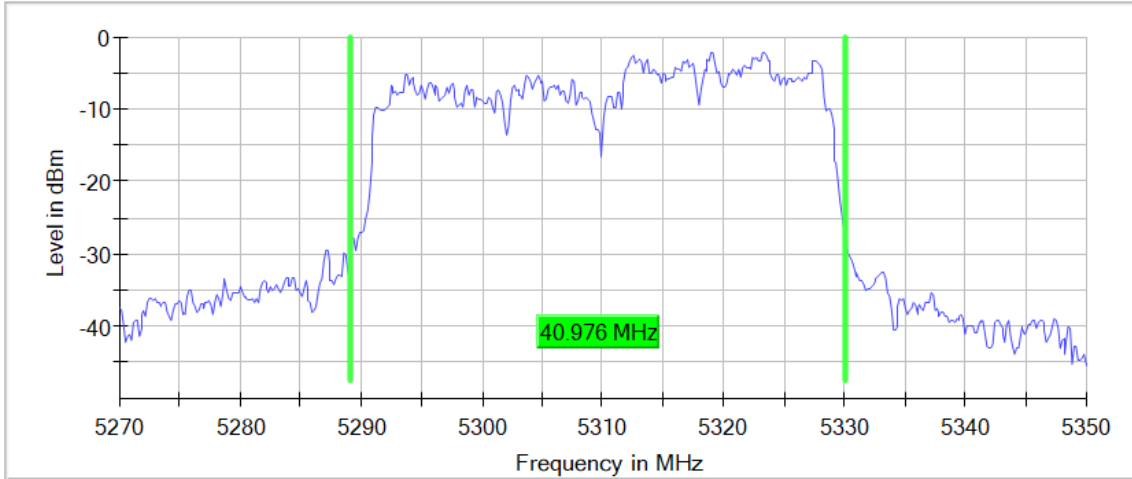
Date: 13.OCT.2021 17:25:31

Frequency MHz = 5310.00000
Mode = MIMO CCD Mode 2x2

Modulation = 802.11ax HE40 SS1 (OFDMA MCS9)
Number of Transmission Chains = 2

Images:

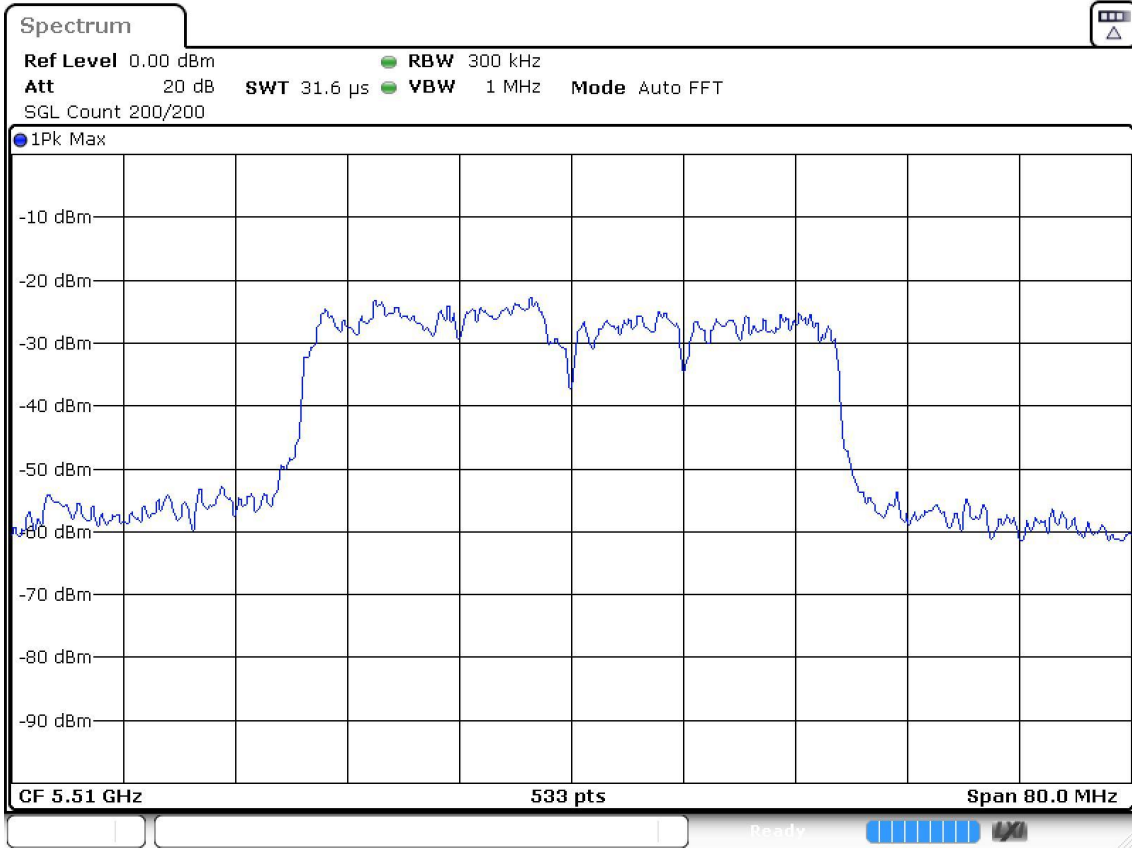
26 dB Bandwidth



Date: 13.OCT.2021 17:51:53

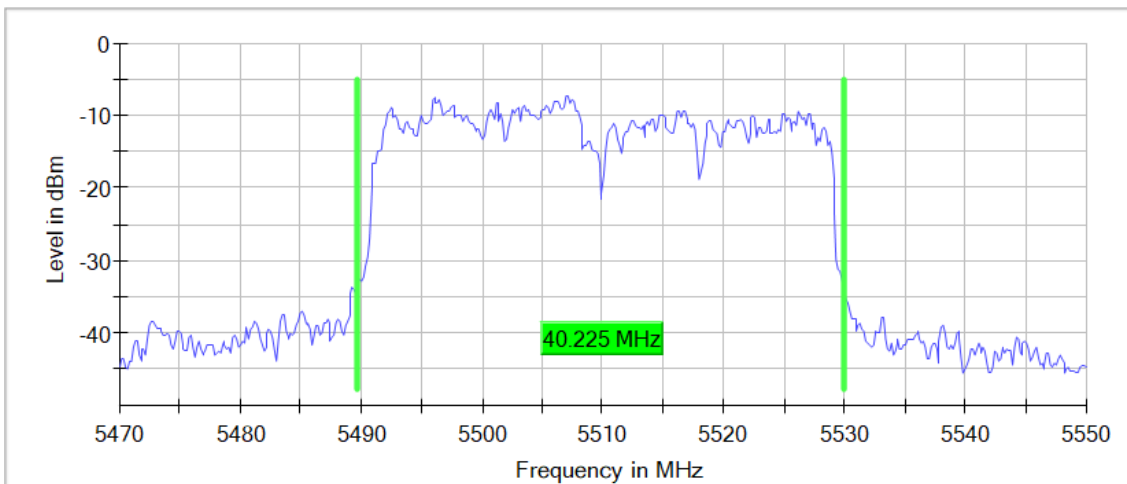
Frequency MHz = 5510.00000 Modulation = 802.11ax HE40 SS1 (OFDMA MCS9)
Mode = MIMO CCD Mode 2x2 Number of Transmission Chains = 2

Images:



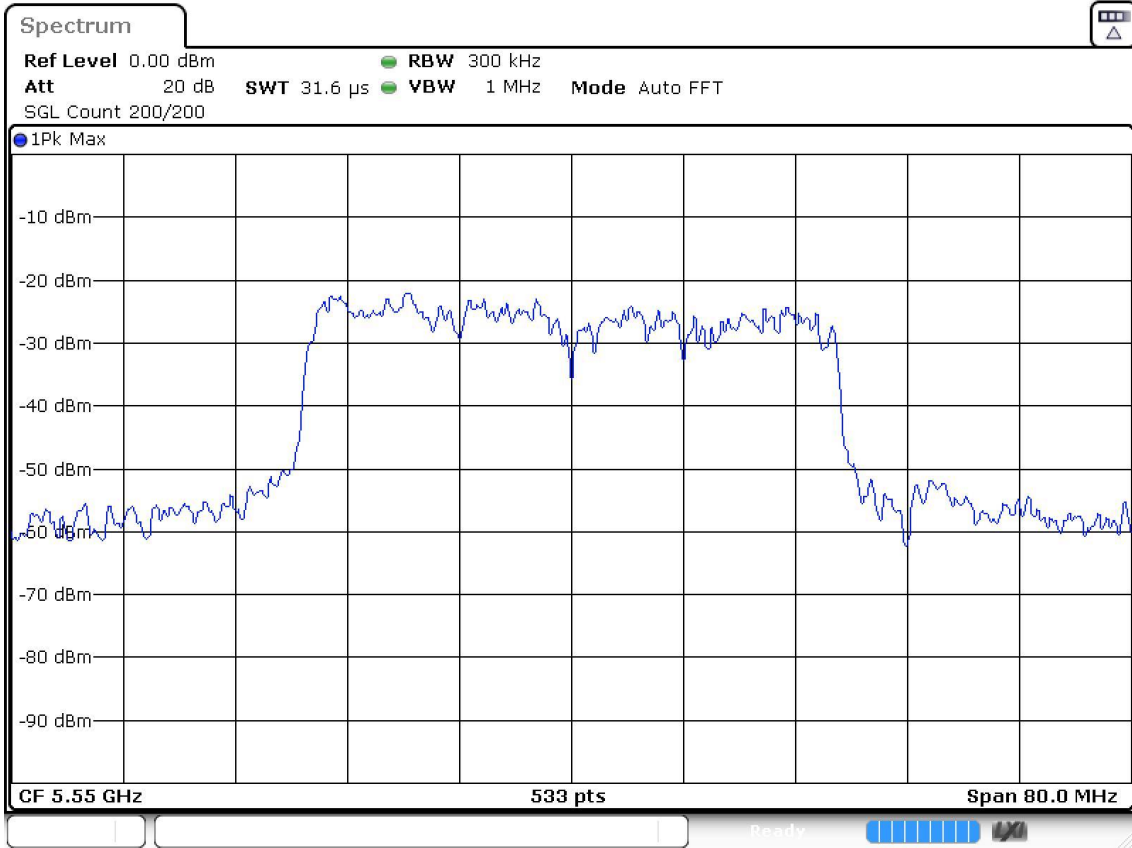
Date: 13.OCT.2021 19:21:12

26 dB Bandwidth



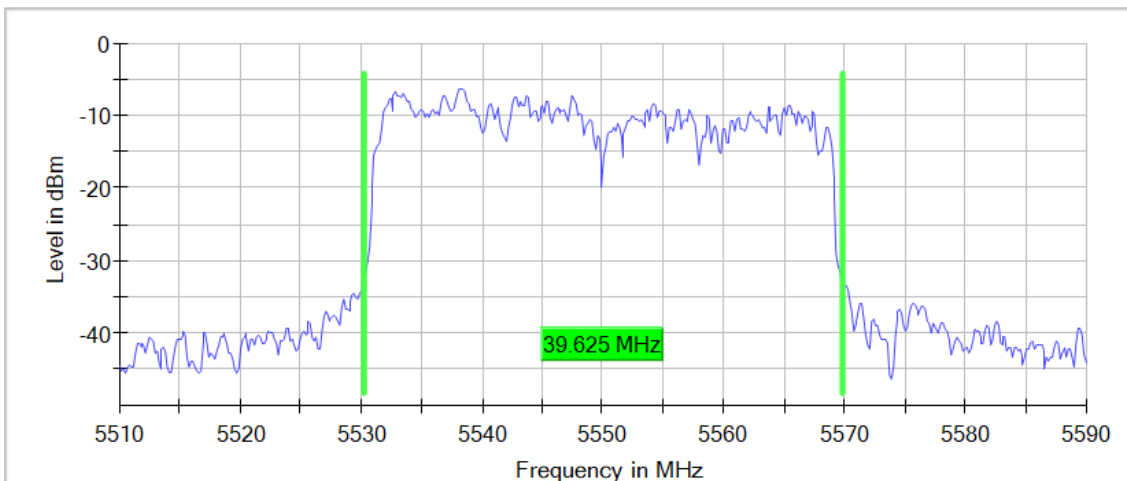
Frequency MHz = 5550.00000 Modulation = 802.11ax HE40 SS1 (OFDMA MCS9)
Mode = MIMO CCD Mode 2x2 Number of Transmission Chains = 2

Images:



Date: 13.OCT.2021 19:41:44

26 dB Bandwidth

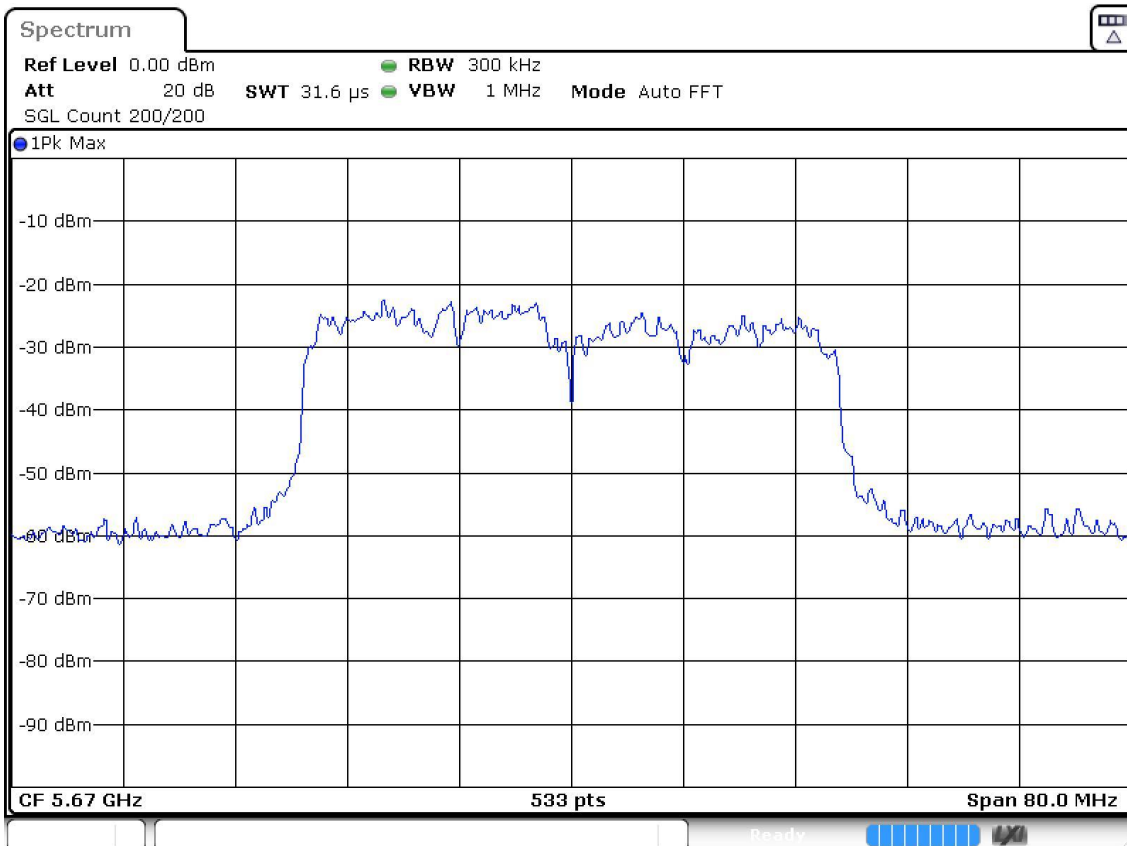
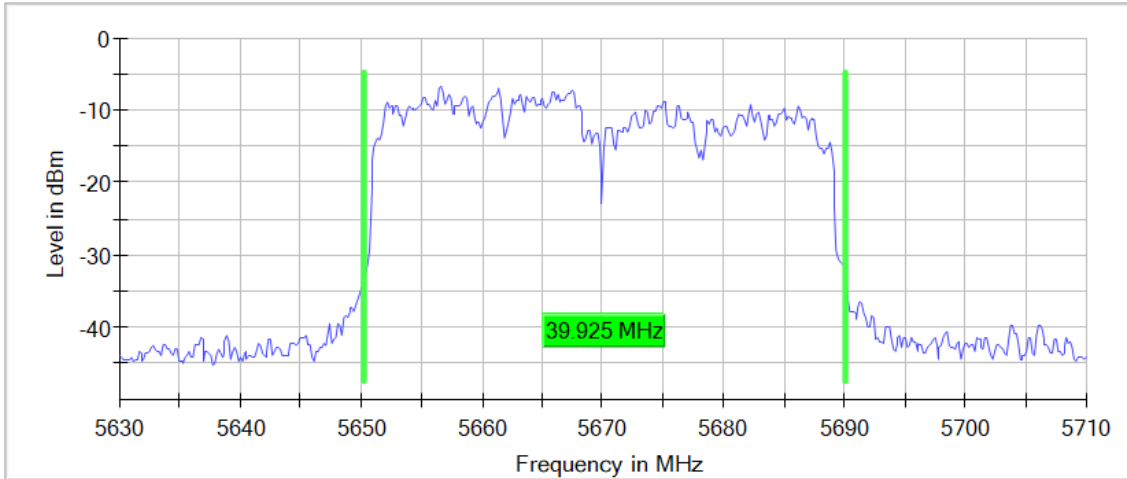


Frequency MHz = 5670.00000
Mode = MIMO CCD Mode 2x2

Modulation = 802.11ax HE40 SS1 (OFDMA MCS9)
Number of Transmission Chains = 2

Images:

26 dB Bandwidth



Date: 13.OCT.2021 19:55:01

Mode: MIMO CCD Mode 2x2

Modulation: 802.11ax HE80 SS1 (OFDMA MCS11) Beamforming

Results

Freq (MHz)	26Ebw (MHz)
5290.00000	81.000
5530.00000	81.500
5610.00000	82.000

Verdict

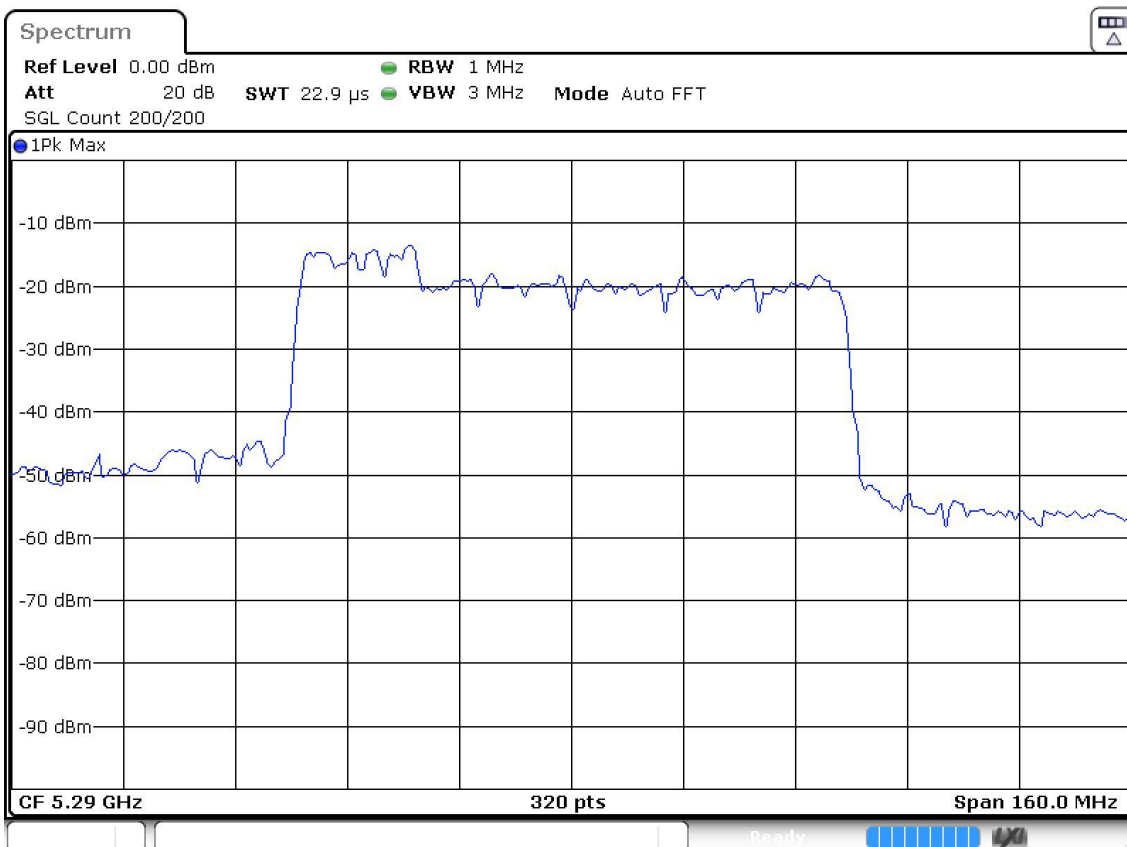
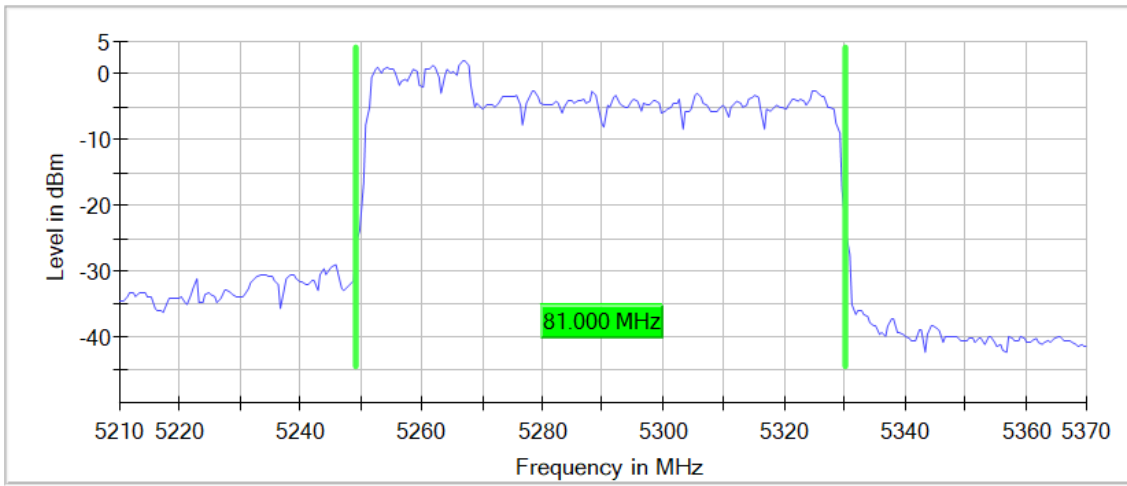
Pass

Attachments

Frequency MHz = 5290.00000 Modulation = 802.11ax HE80 SS1 (OFDMA MCS11)
Mode = MIMO CCD Mode 2x2 Number of Transmission Chains = 2

Images:

26 dB Bandwidth



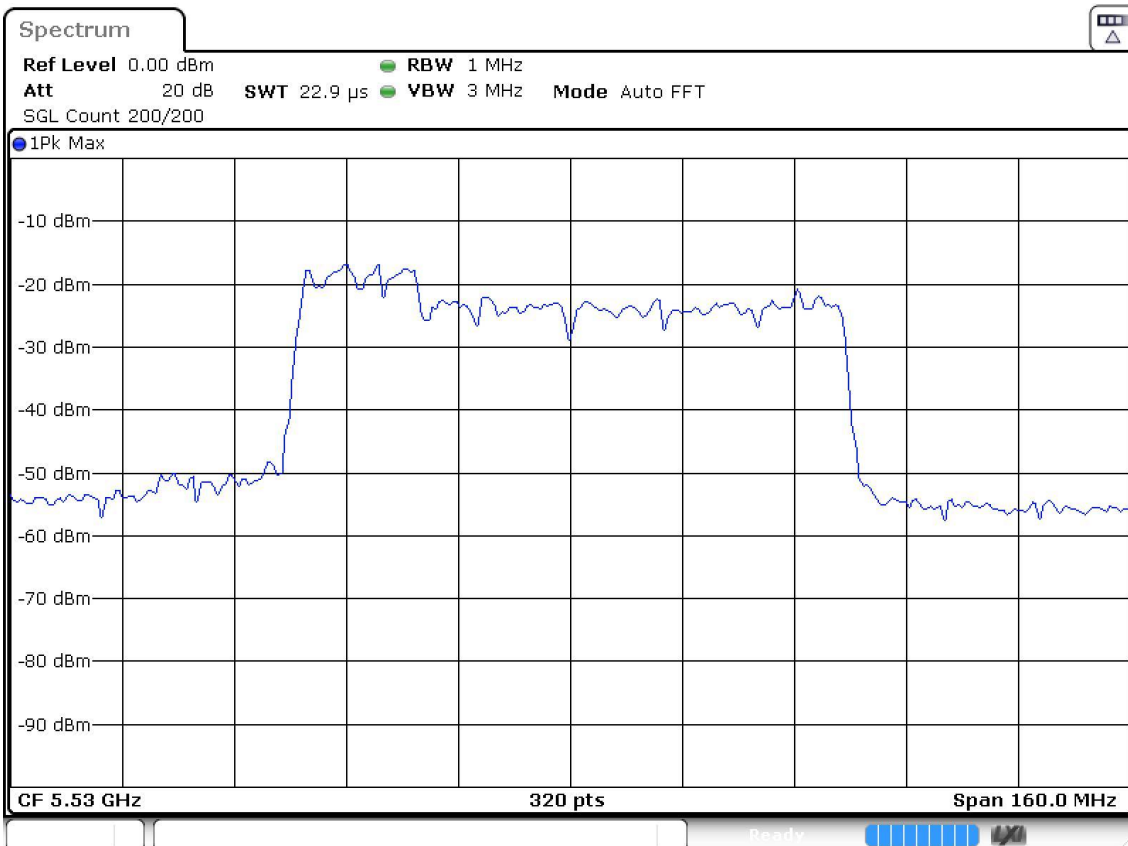
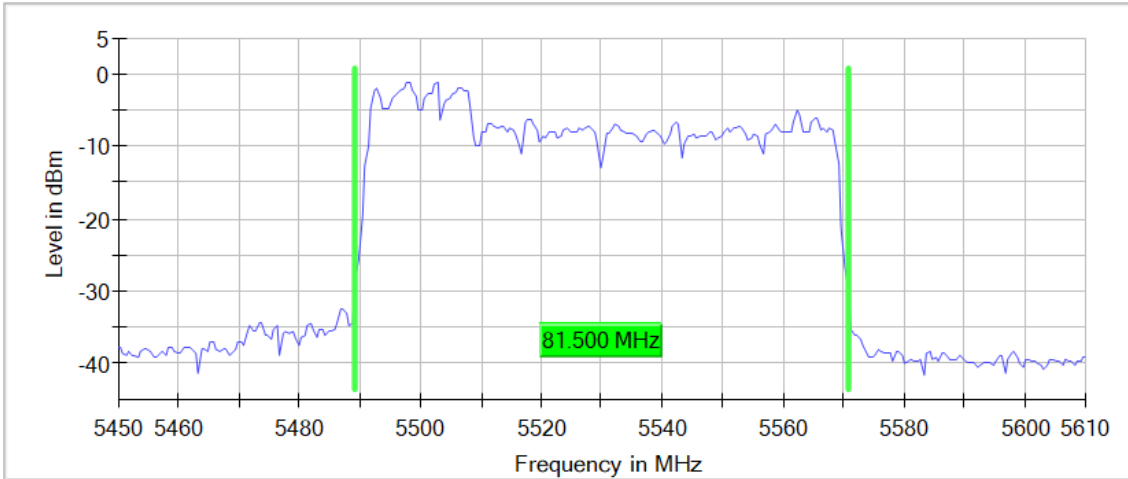
Date: 19.OCT.2021 20:38:36

Frequency MHz = 5530.00000
Mode = MIMO CCD Mode 2x2

Modulation = 802.11ax HE80 SS1 (OFDMA MCS11)
Number of Transmission Chains = 2

Images:

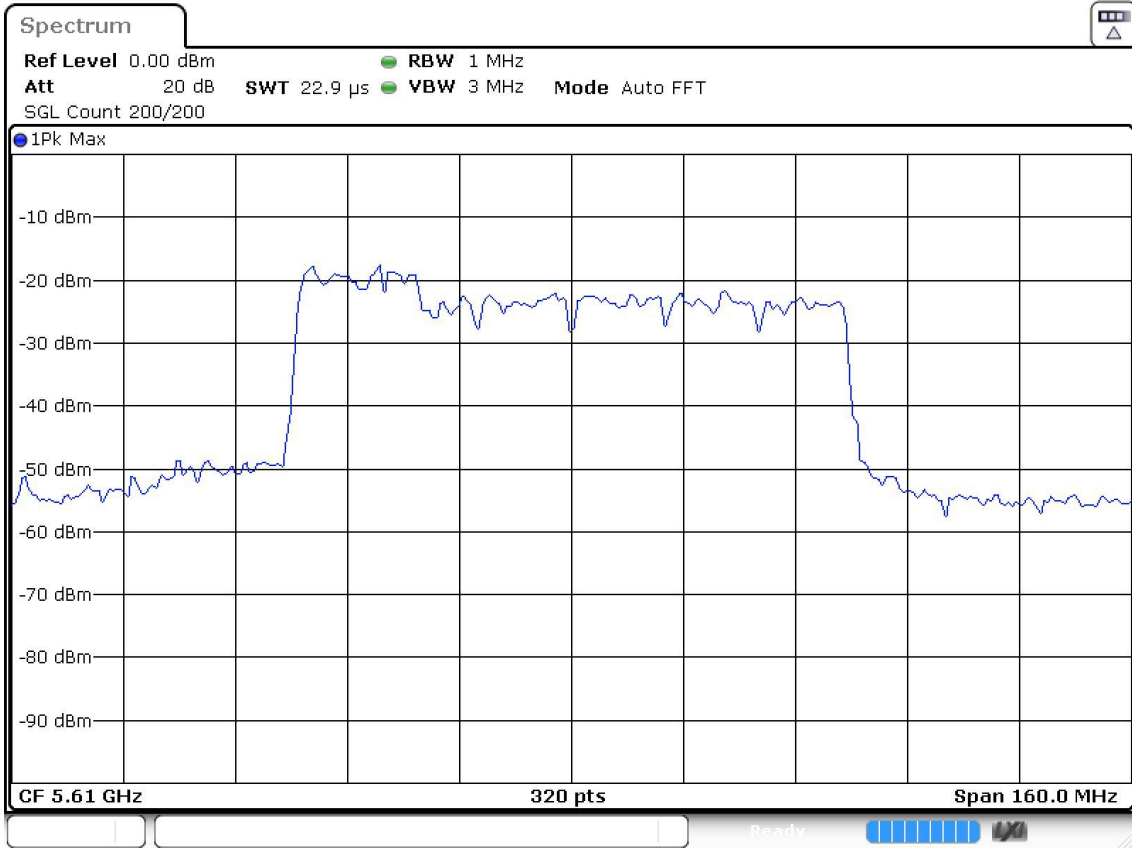
26 dB Bandwidth



Date: 20.OCT.2021 11:07:36

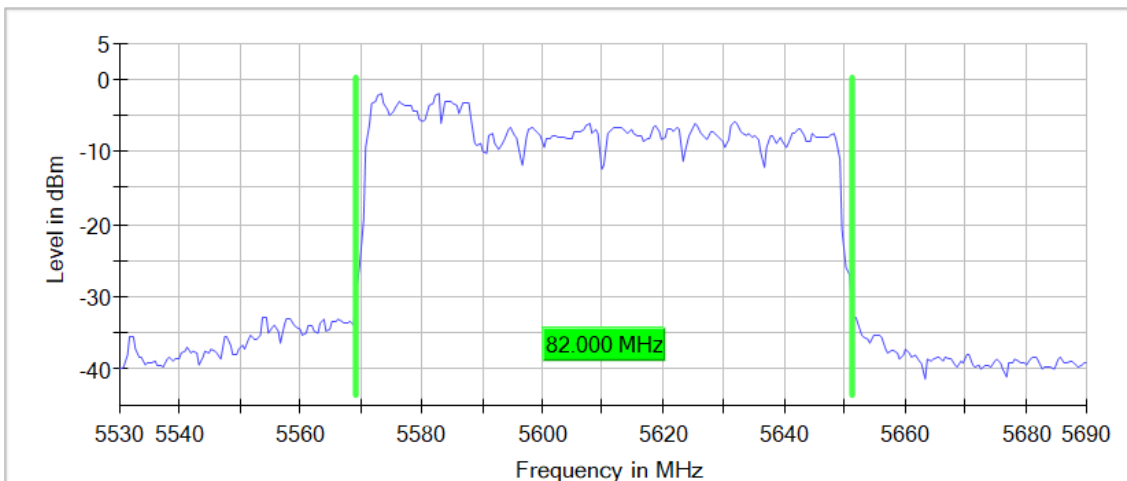
Frequency MHz = 5610.00000 Modulation = 802.11ax HE80 SS1 (OFDMA MCS11)
Mode = MIMO CCD Mode 2x2 Number of Transmission Chains = 2

Images:



Date: 20.OCT.2021 11:40:49

26 dB Bandwidth



FCC 15.407 (b) / RSS-247 6.2 Band-edge Conducted Emissions

Limits

For transmitters operating in the 5.15–5.25 and 5.25–5.35 GHz band: all emissions outside of the 5.15–5.35 GHz band shall not exceed an EIRP of –27 dBm/MHz (68.20 dB μ V/m at 3 m distance).

For transmitters operating in the 5.47-5.725 GHz band: All emissions outside of the 5.47-5.725 GHz band shall not exceed an e.i.r.p. of –27 dBm/MHz.

For transmitters operating solely in the 5.725-5.850 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.

RSS 247:

For transmitters with operating frequencies in the band 5150-5250 MHz, all emissions outside the band 5150-5350 MHz shall not exceed -27 dBm/MHz e.i.r.p. Any unwanted emissions that fall into the band 5250-5350 MHz shall be attenuated below the channel power by at least 26 dB, when measured using a resolution bandwidth between 1 and 5% of the occupied bandwidth (i.e. 99% bandwidth), above 5250 MHz.

Emissions outside the band 5470-5725 MHz shall not exceed -27 dBm/MHz e.i.r.p.

Devices operating in the band 5725-5850 MHz shall have e.i.r.p. of unwanted emissions comply with the following:

- a. 27 dBm/MHz at frequencies from the band edges decreasing linearly to 15.6 dBm/MHz at 5 MHz above or below the band edges;
- b. 15.6 dBm/MHz at 5 MHz above or below the band edges decreasing linearly to 10 dBm/MHz at 25 MHz above or below the band edges;
- c. 10 dBm/MHz at 25 MHz above or below the band edges decreasing linearly to -27 dBm/MHz at 75 MHz above or below the band edges; and
- d. -27 dBm/MHz at frequencies more than 75 MHz above or below the band edges.

Mode: MIMO CCD Mode 2x2

Modulation: 802.11a (OFDM 54 Mbit/s)

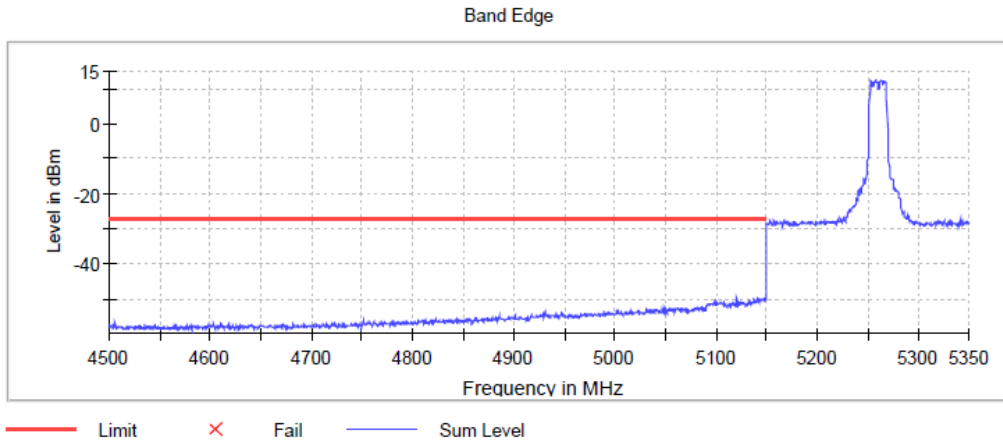
Verdict

Pass

Attachments

Frequency MHz = 5260.00000 Modulation = 802.11a (OFDM 54 Mbit/s)
 Mode = MIMO CCD Mode 2x2 Measurement Point = 1

Images:



Tables:

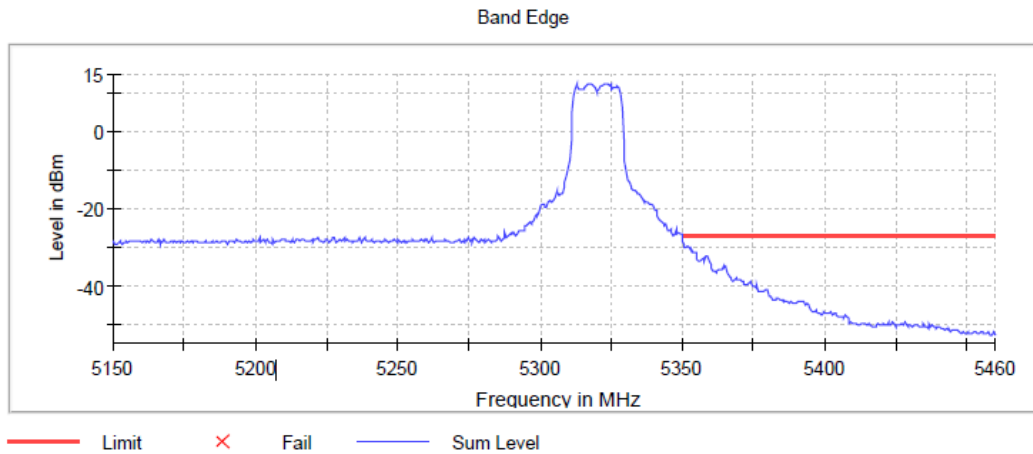
Spectrum Analyzer Parameters

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
5120.250000	-49.5	22.5	-27.0	PASS
5119.750000	-49.5	22.5	-27.0	PASS
5147.750000	-49.6	22.6	-27.0	PASS
5148.750000	-49.7	22.7	-27.0	PASS
5145.250000	-50.0	23.0	-27.0	PASS
5137.750000	-50.1	23.1	-27.0	PASS
5141.250000	-50.1	23.1	-27.0	PASS
5145.750000	-50.1	23.1	-27.0	PASS
5143.750000	-50.1	23.1	-27.0	PASS
5144.250000	-50.2	23.2	-27.0	PASS
5149.750000	-50.3	23.3	-27.0	PASS
5144.750000	-50.3	23.3	-27.0	PASS
5146.250000	-50.3	23.3	-27.0	PASS
5147.250000	-50.3	23.3	-27.0	PASS
5142.750000	-50.3	23.3	-27.0	PASS

Frequency MHz = 5320.00000 Modulation = 802.11a (OFDM 54 Mbit/s)
 Mode = MIMO CCD Mode 2x2 Measurement Point = 1

Images:



Tables:

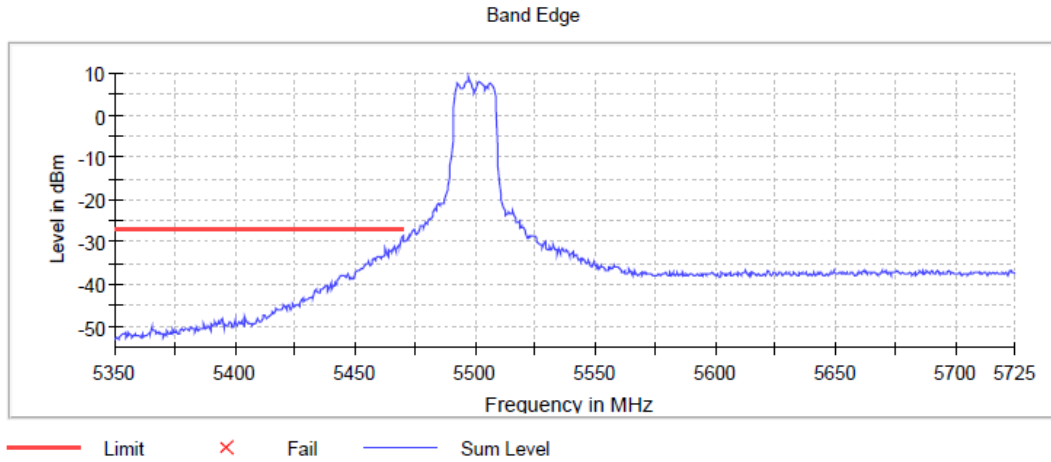
Spectrum Analyzer Parameters

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
5350.250000	-29.2	2.2	-27.0	PASS
5351.750000	-29.4	2.4	-27.0	PASS
5352.250000	-29.9	2.9	-27.0	PASS
5351.250000	-30.0	3.0	-27.0	PASS
5350.750000	-30.1	3.1	-27.0	PASS
5353.250000	-30.5	3.5	-27.0	PASS
5352.750000	-30.8	3.8	-27.0	PASS
5354.750000	-31.3	4.3	-27.0	PASS
5353.750000	-31.4	4.4	-27.0	PASS
5354.250000	-31.4	4.4	-27.0	PASS
5358.250000	-32.1	5.1	-27.0	PASS
5358.750000	-32.4	5.4	-27.0	PASS
5357.250000	-32.9	5.9	-27.0	PASS
5355.250000	-33.0	6.0	-27.0	PASS
5356.750000	-33.1	6.1	-27.0	PASS

Frequency MHz = 5500.00000 Modulation = 802.11a (OFDM 54 Mbit/s)
 Mode = MIMO CCD Mode 2x2 Measurement Point = 1

Images:



Tables:

Spectrum Analyzer Parameters

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
5469.750000	-28.6	1.6	-27.0	PASS
5469.250000	-29.0	2.0	-27.0	PASS
5468.250000	-30.5	3.5	-27.0	PASS
5468.750000	-30.9	3.9	-27.0	PASS
5467.750000	-30.9	3.9	-27.0	PASS
5466.250000	-31.1	4.1	-27.0	PASS
5462.750000	-31.5	4.5	-27.0	PASS
5467.250000	-31.8	4.8	-27.0	PASS
5465.250000	-31.9	4.9	-27.0	PASS
5464.250000	-32.0	5.0	-27.0	PASS
5464.750000	-32.1	5.1	-27.0	PASS
5465.750000	-32.2	5.2	-27.0	PASS
5466.750000	-32.2	5.2	-27.0	PASS
5463.250000	-32.7	5.7	-27.0	PASS
5462.250000	-33.2	6.2	-27.0	PASS