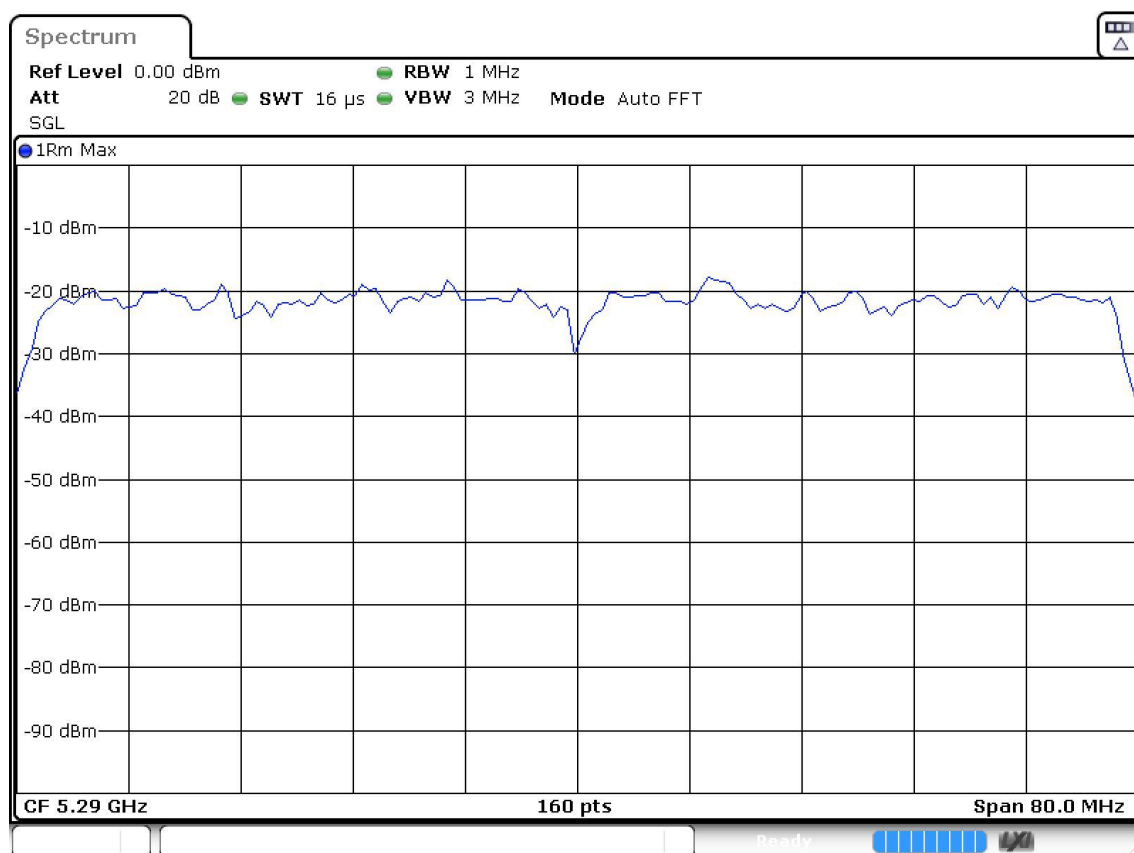




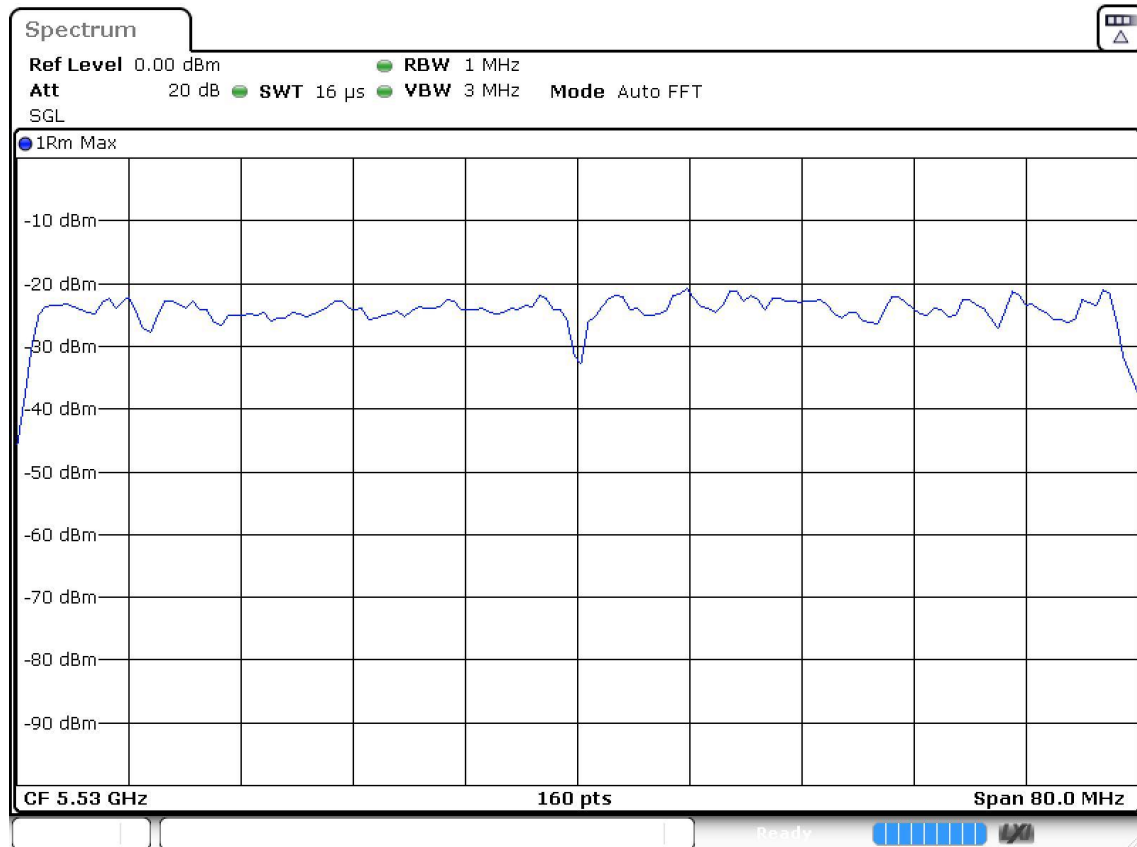
Date: 22.SEP.2021 12:19:00

Frequency MHz = 5530.00000 Modulation = 802.11ac VHT80 SS1 (OFDM MCS9)

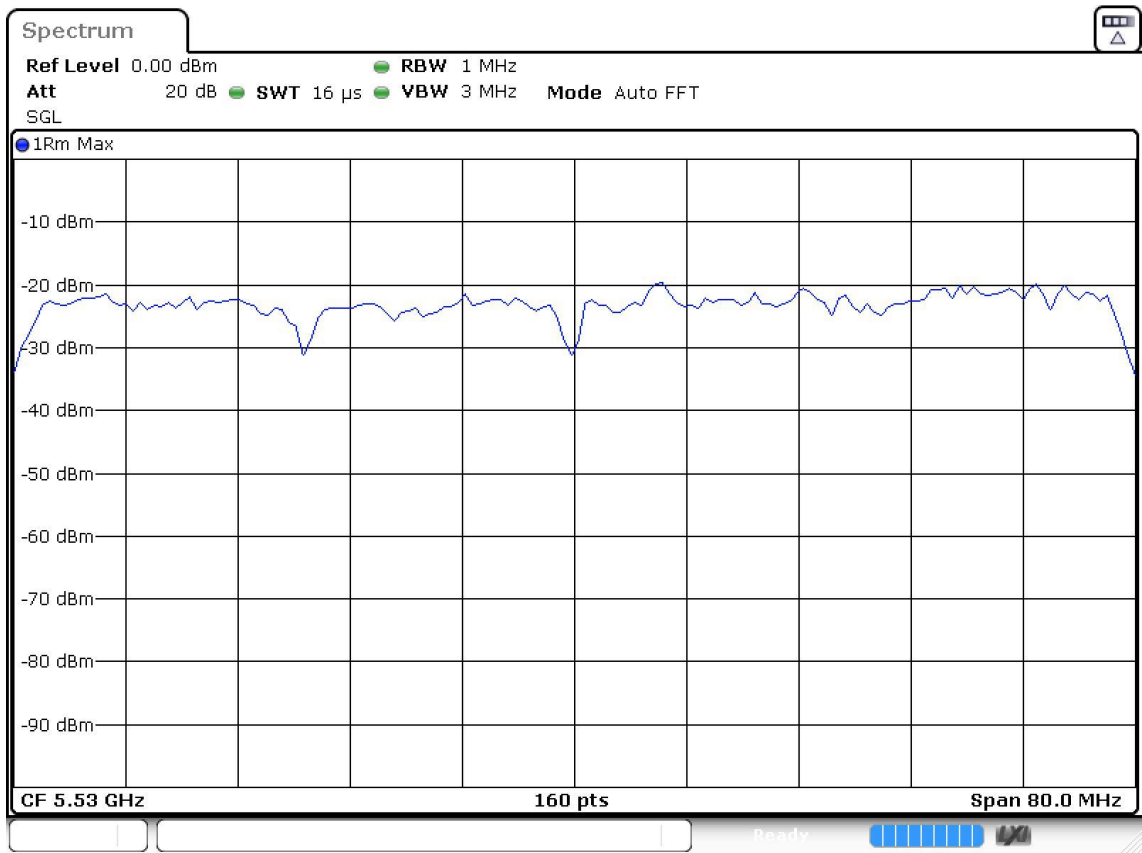
TPC = No Mode = MIMO CCD Mode 2x2

Number of Transmission Chains = 2

Images:

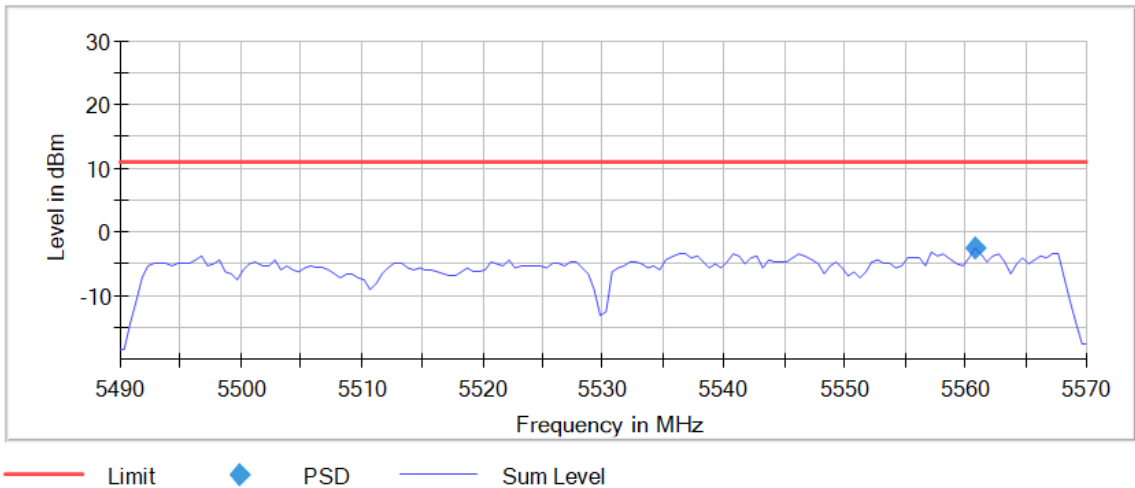


Date: 22.SEP.2021 12:39:24



Date: 22.SEP.2021 12:39:33

Power Spectral Density

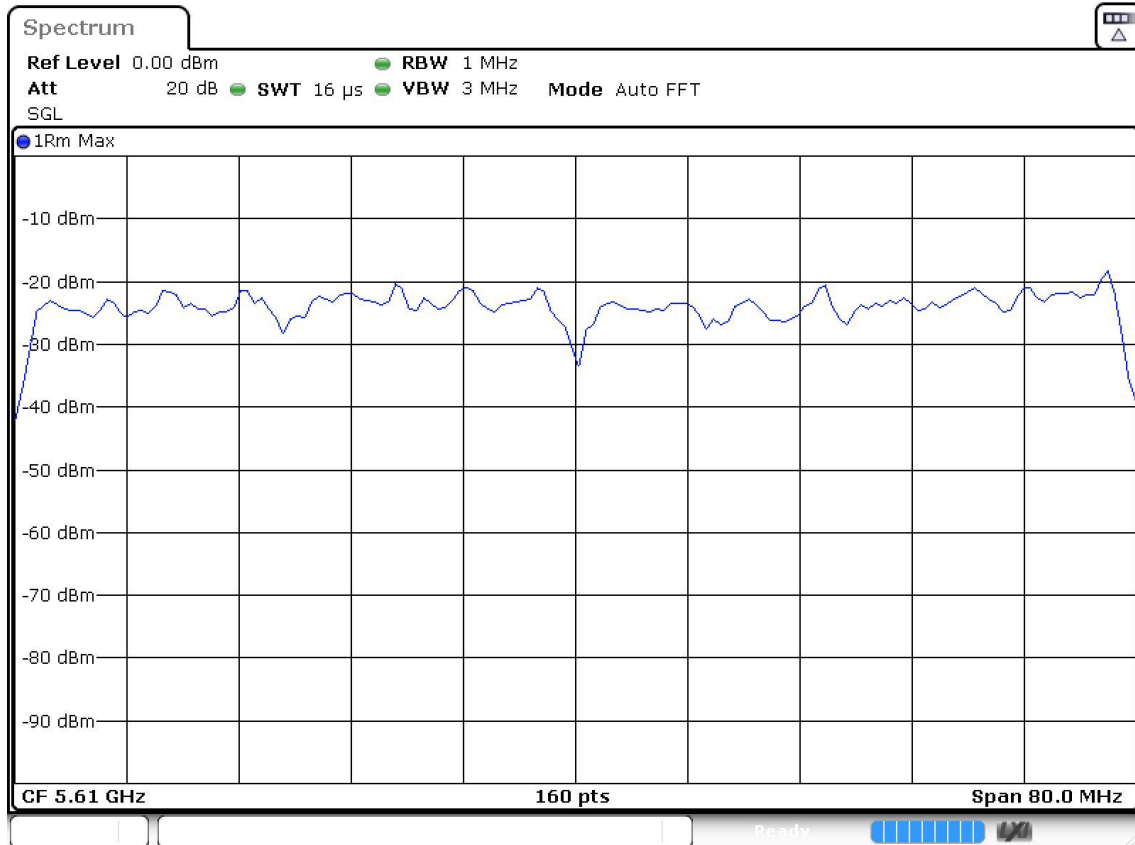
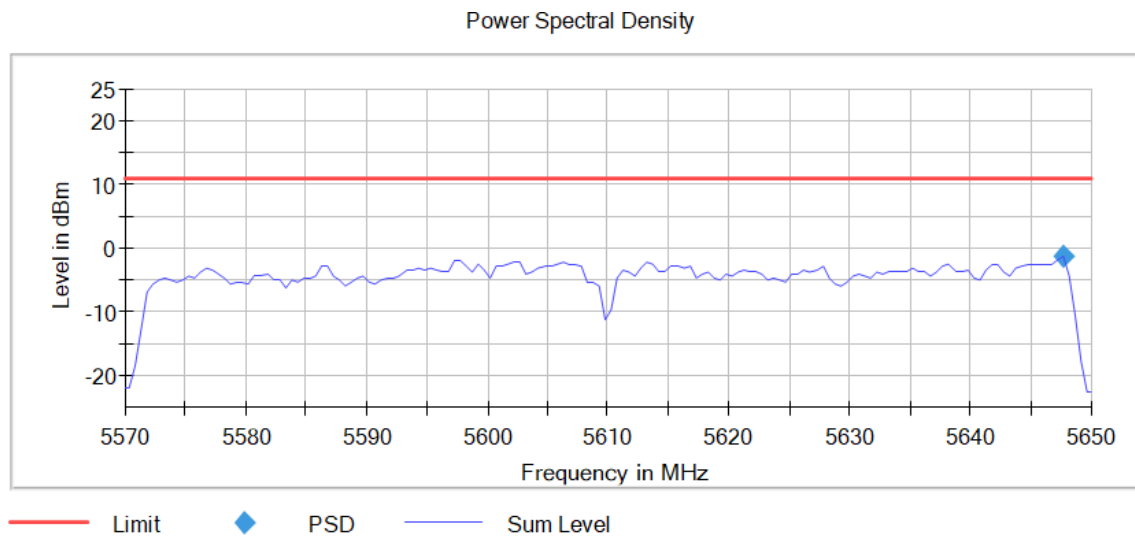


Frequency MHz = 5610.00000 Modulation = 802.11ac VHT80 SS1 (OFDM MCS9)

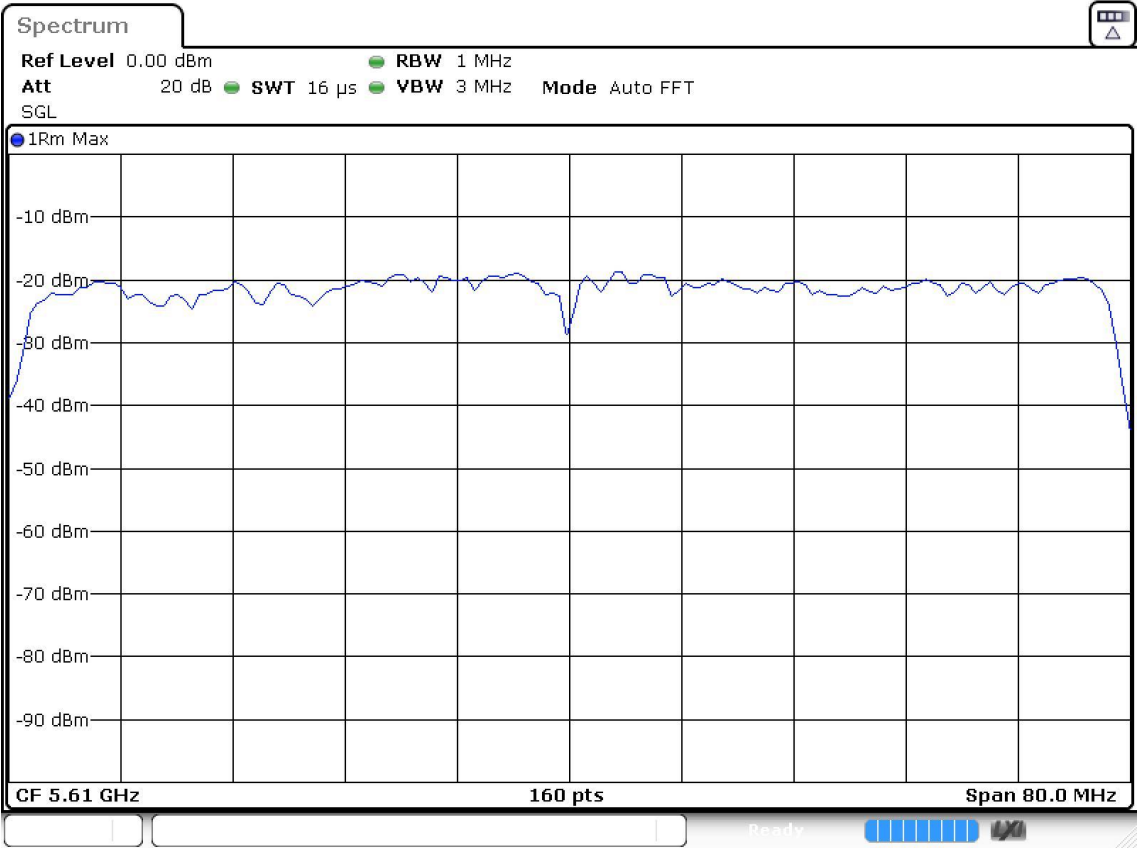
TPC = No Mode = MIMO CCD Mode 2x2

Number of Transmission Chains = 2

Images:



Date: 22.SEP.2021 12:58:05



Date: 22.SEP.2021 12:58:16

Pre-test ax mode RU index

Bandwidth: 20 MHz, Lowest Channel

UNII 1 & UNII 3

Maximum declared antenna gain: -2.8 dBi

RU-Index	PSD (dBm)
0	7.8*
4	6.4
8	7.6
61	-1.9

*: Worse case

$$\Delta = \text{PSD}_{\text{par}} - \text{PSD}_{\text{full}} = 5.9$$

Bandwidth: 20 MHz, Lowest Channel

UNII 2A & UNII 2C

Maximum declared antenna gain: -2.8 dBi

RU-Index	PSD (dBm)
0	7.8
4	6.9
8	8.2*
61	-1.0

*: Worse case

$$\Delta = \text{PSD}_{\text{par}} - \text{PSD}_{\text{full}} = 7.2$$

Pre-test ax mode RU index

Bandwidth: 40 MHz, Lowest Channel

UNII 1 & UNII 3

Maximum declared antenna gain: -2.8 dBi

RU-Index	PSD (dBm)
0	7.9*
8	7.3
17	6.6
65	-3.2
67	-4.2

*: Worse case

$$\Delta = \text{PSD}_{\text{par}} - \text{PSD}_{\text{full}} = 4.7$$

Bandwidth: 40 MHz, Lowest Channel

UNII 2A & UNII 2C

Maximum declared antenna gain: -2.8 dBi

RU-Index	PSD (dBm)
0	8.5
8	9.5*
17	8.0
65	-4.0
67	-1.2

*: Worse case

$$\Delta = \text{PSD}_{\text{par}} - \text{PSD}_{\text{full}} = 8.3$$

Pre-test ax mode RU index

Bandwidth: 80 MHz, Lowest Channel

UNII 1 & UNII 3

Maximum declared antenna gain: -2.8 dBi

RU-Index	PSD (dBm)
0	7.9*
18	6.6
36	6.8
67	-6.0
196	-7.9

*: Worse case

$$\Delta = \text{PSD}_{\text{par}} - \text{PSD}_{\text{full}} = 1.9$$

Bandwidth: 80 MHz, Lowest Channel

UNII 2A & UNII 2C:

Maximum declared antenna gain: -2.8 dBi

RU-Index	PSD (dBm)
0	9.7*
18	8.6
36	9.4
67	-7.7
196	-3.5

*: Worse case

$$\Delta = \text{PSD}_{\text{par}} - \text{PSD}_{\text{full}} = 6.2$$

Mode: MIMO CCD Mode 2x2

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

Results

Freq (MHz)	Marker Freq (MHz)	PSD (dBm)
5180.00000	5186.930693	1.27
5200.00000	5202.376238	0.87
5240.00000	5236.831683	1.49
5260.00000	5257.623762	-0.88
5280.00000	5277.821782	-1.30
5320.00000	5317.227723	-1.49
5500.00000	5507.524752	-2.00
5580.00000	5582.772277	-1.13
5700.00000	5697.821782	-1.47
5745.00000	5747.574257	-2.66
5785.00000	5782.425743	-1.83
5825.00000	5821.435644	-2.85

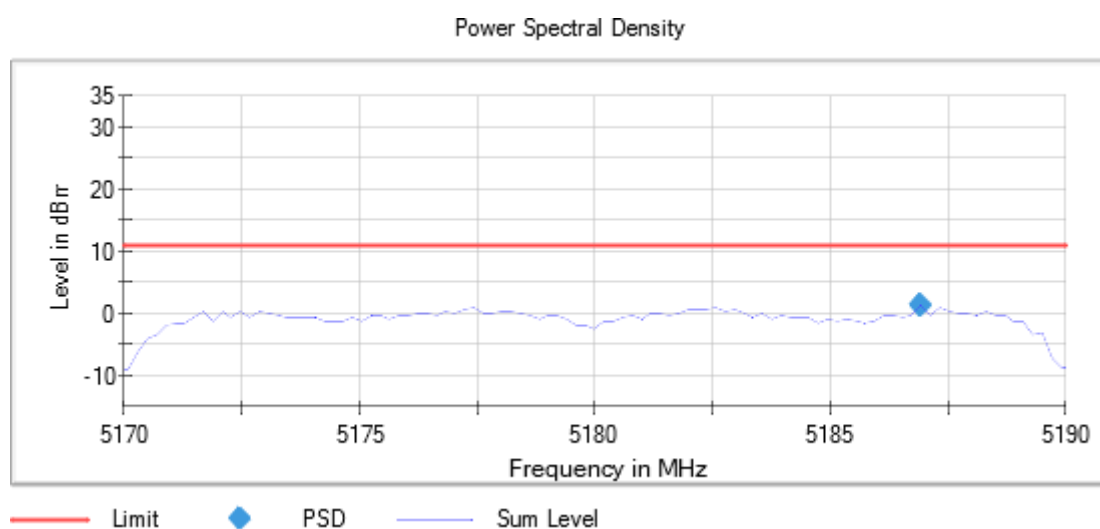
Verdict

Pass

Attachments

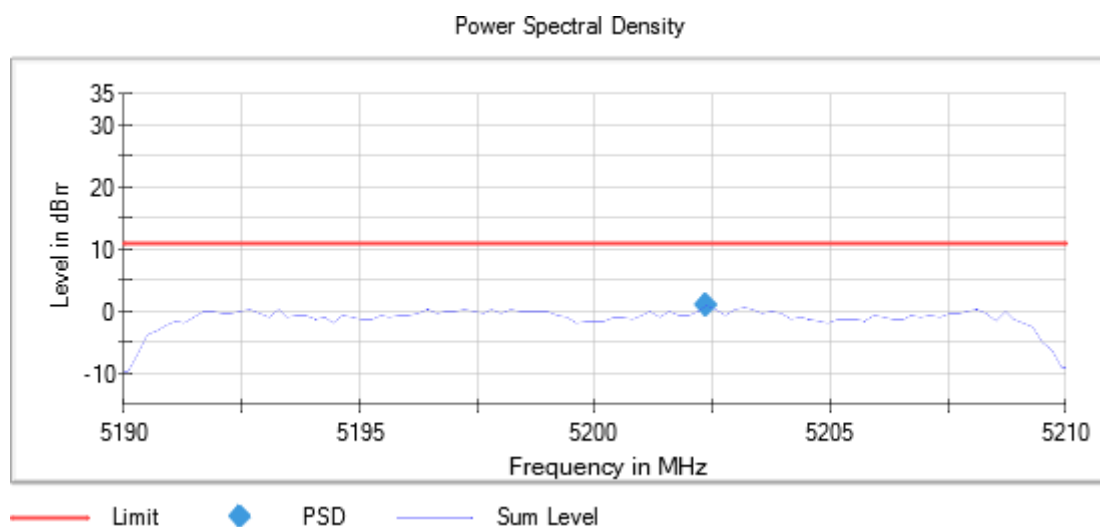
Frequency MHz = 5180.00000 Modulation = 802.11ax HE20 SS1 (OFDMA MCS8)
TPC = No Mode = MIMO CCD Mode 2x2
Number of Transmission Chains = 2

Images:



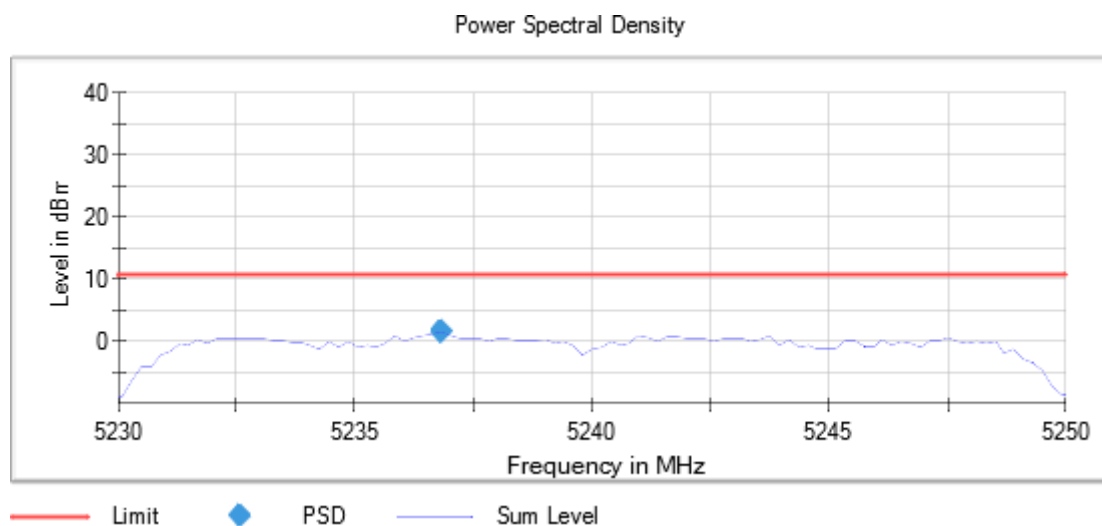
Frequency MHz = 5200.00000 Modulation = 802.11ax HE20 SS1 (OFDMA MCS8)
TPC = No Mode = MIMO CCD Mode 2x2
Number of Transmission Chains = 2

Images:



Frequency MHz = 5240.00000 Modulation = 802.11ax HE20 SS1 (OFDMA MCS8)
TPC = No Mode = MIMO CCD Mode 2x2
Number of Transmission Chains = 2

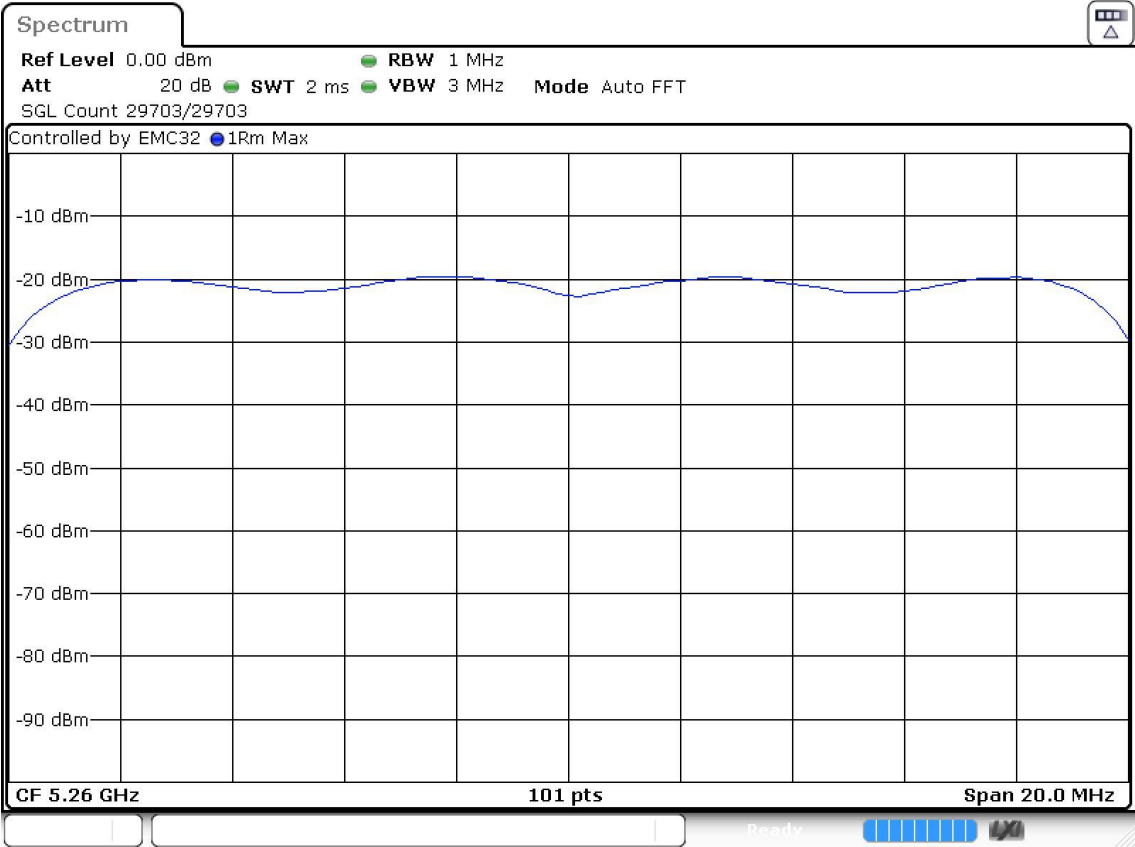
Images:



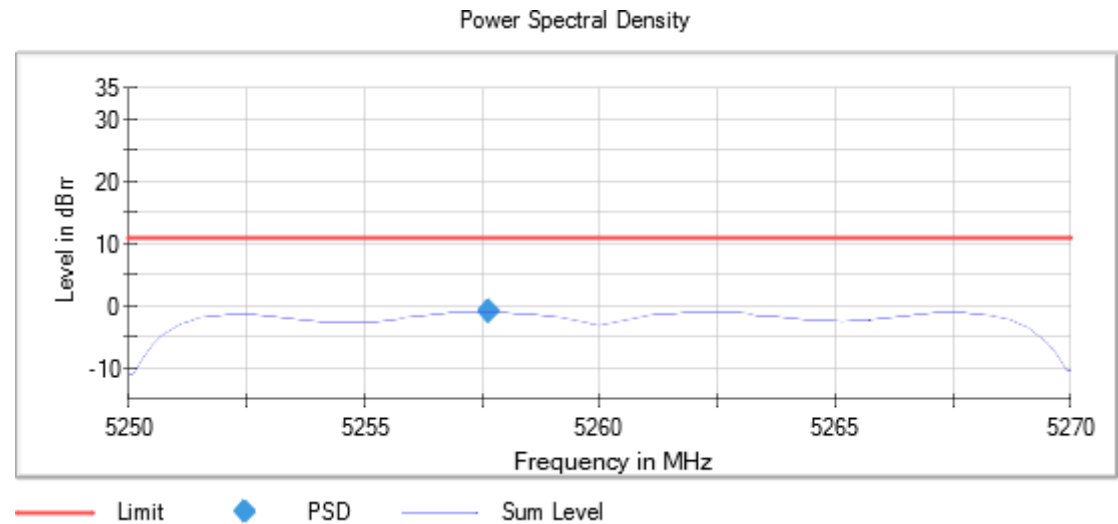
Attachments

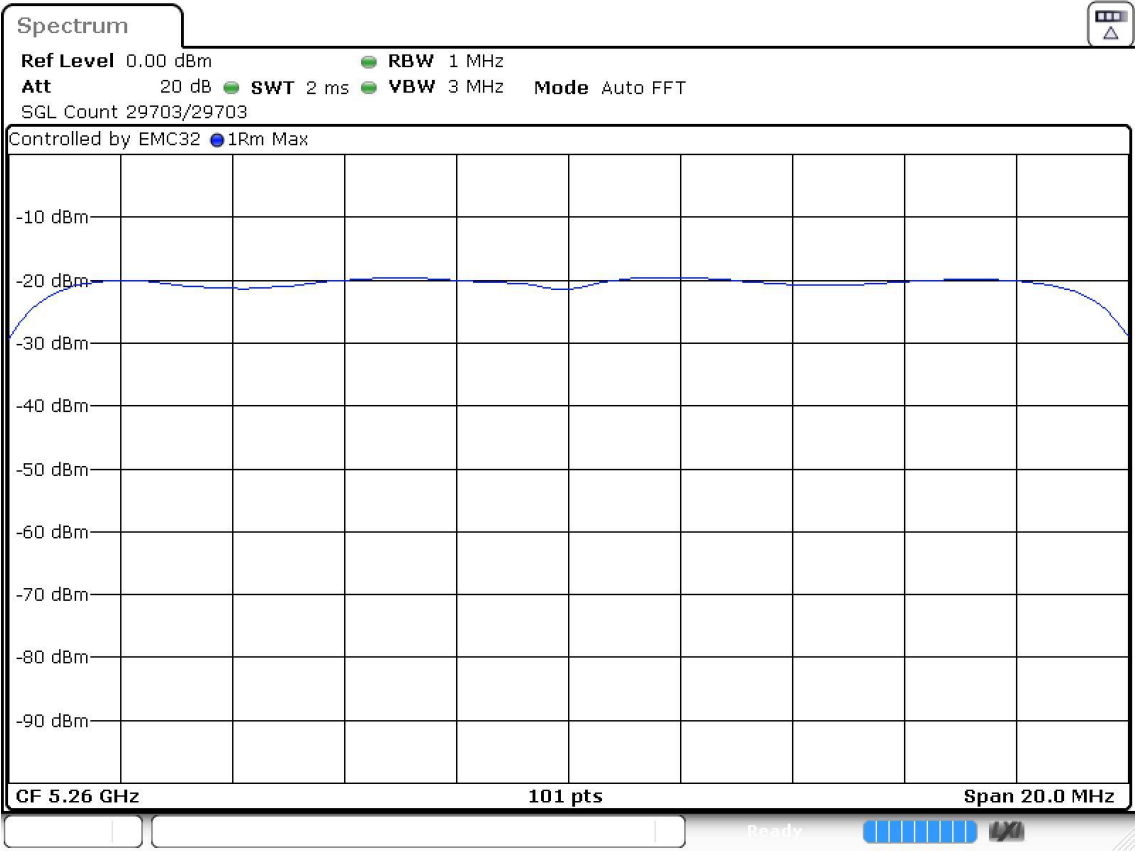
Frequency MHz = 5260.00000 Modulation = 802.11ax HE20 SS1 (OFDMA MCS8)
TPC = No Mode = MIMO CCD Mode 2x2
Number of Transmission Chains = 2

Images:



Date: 2.FEB.2023 10:47:22

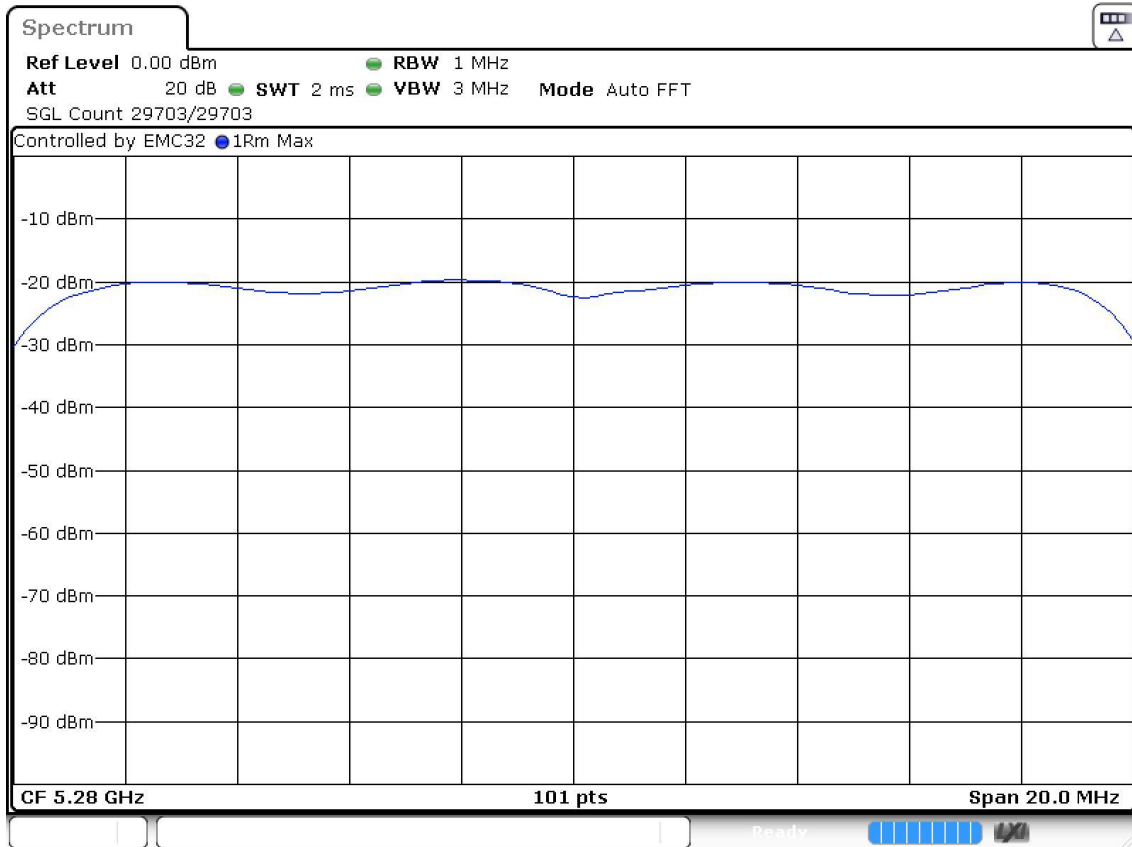




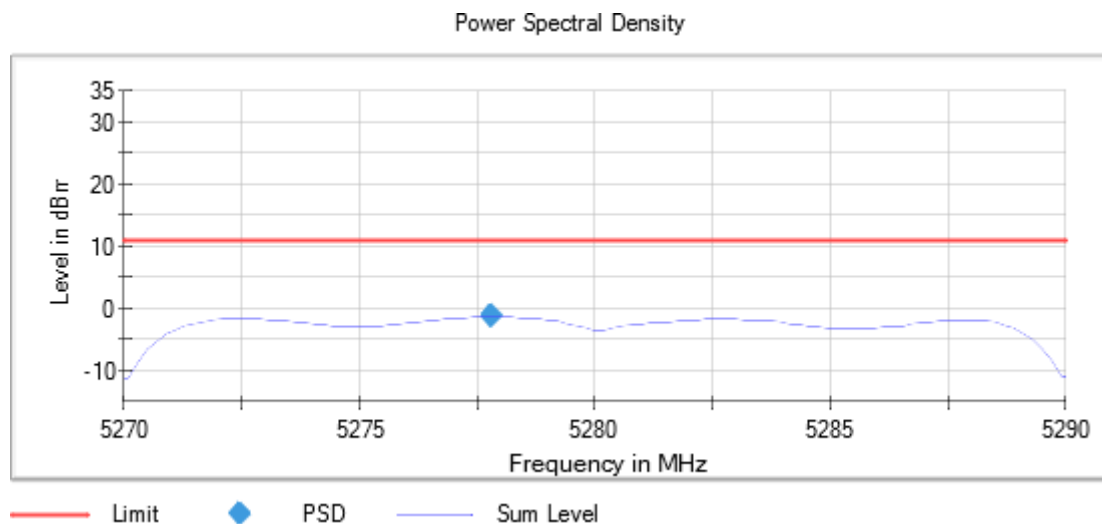
Date: 2.FEB.2023 10:25:57

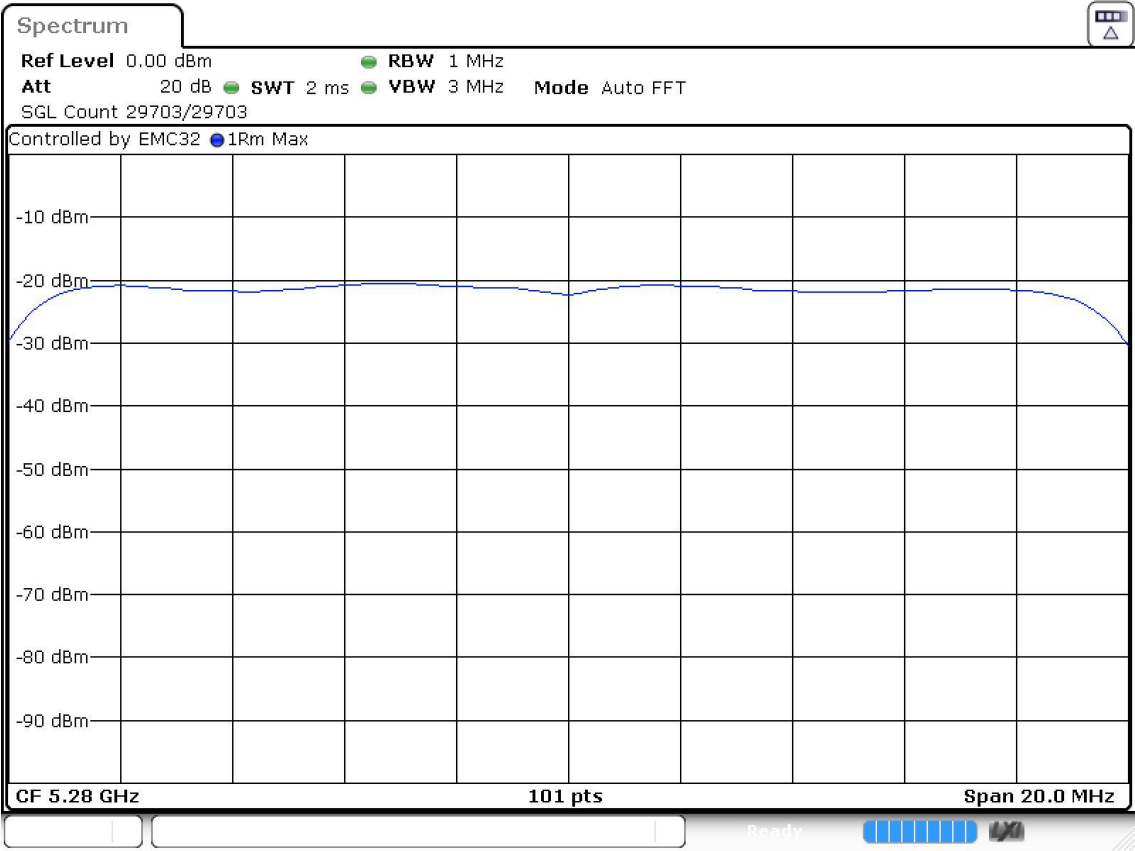
Frequency MHz = 5280.00000 Modulation = 802.11ax HE20 SS1 (OFDMA MCS8)
TPC = No Mode = MIMO CCD Mode 2x2
Number of Transmission Chains = 2

Images:



Date: 2.FEB.2023 11:24:56

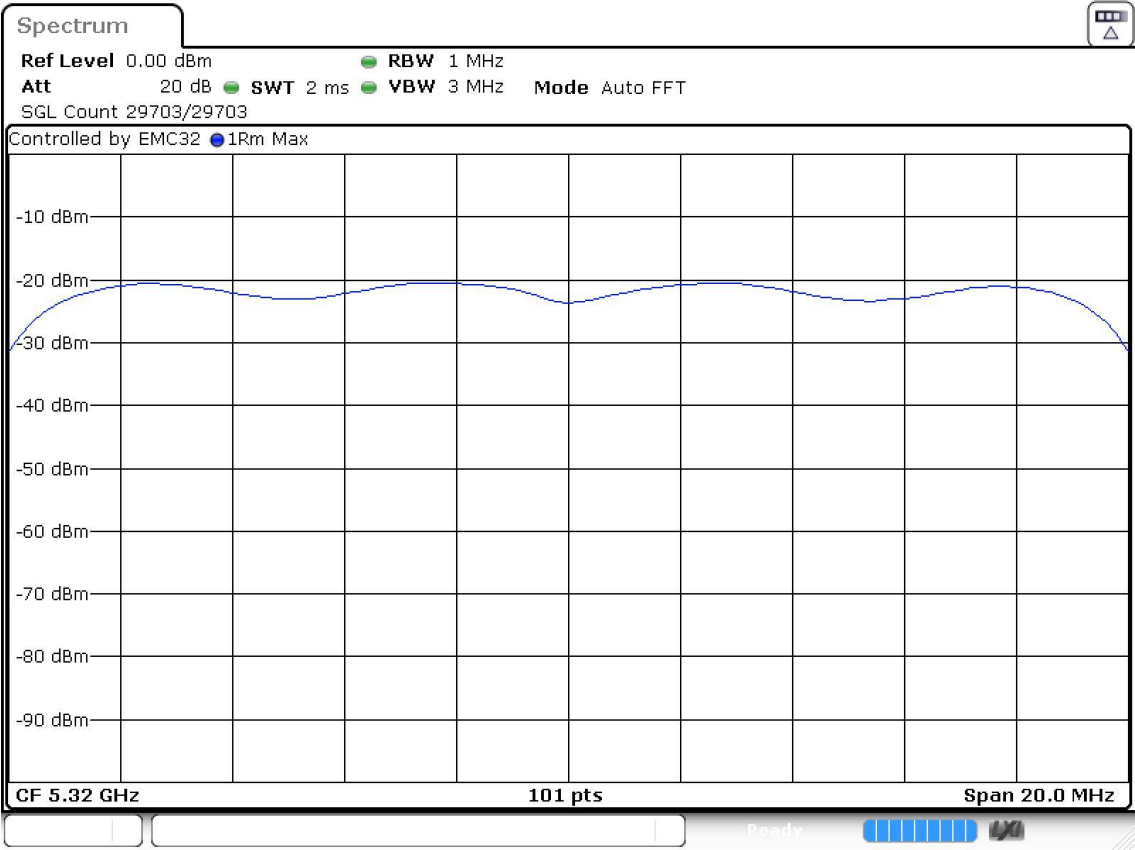




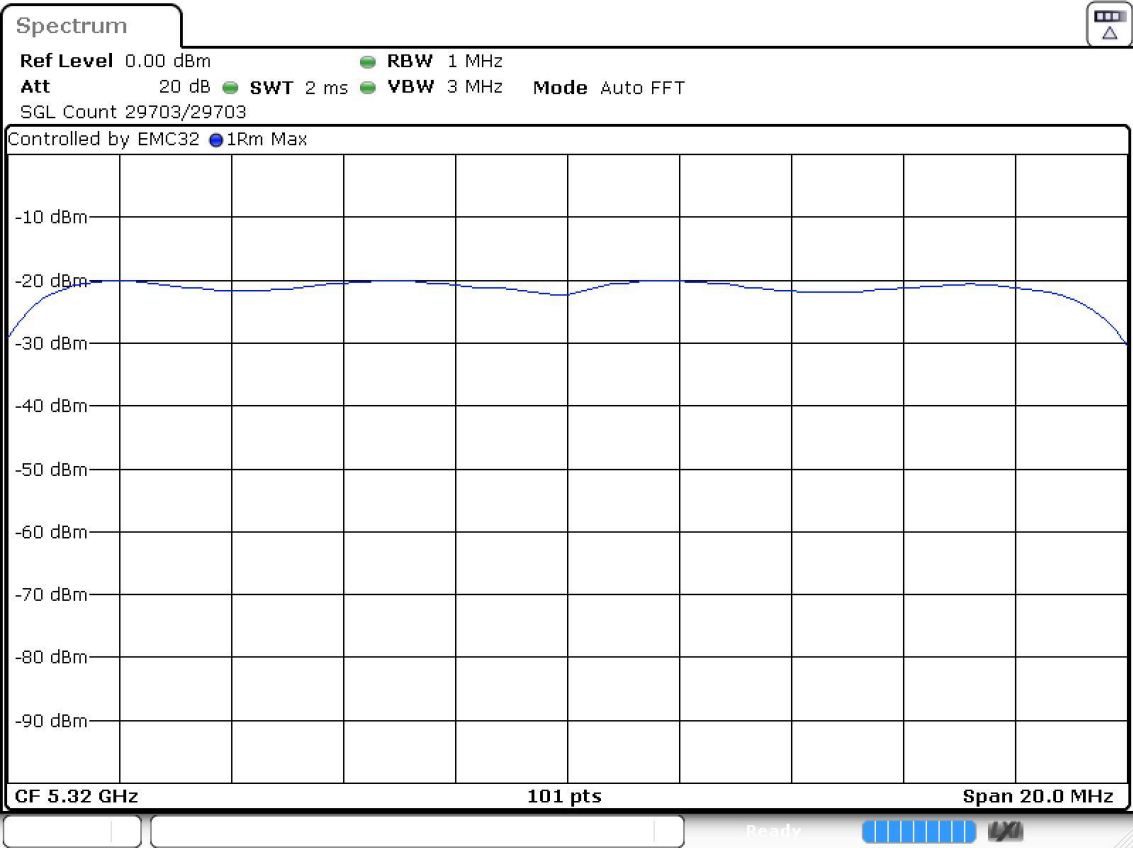
Date: 2.FEB.2023 11:46:21

Frequency MHz = 5320.00000 Modulation = 802.11ax HE20 SS1 (OFDMA MCS8)
TPC = No Mode = MIMO CCD Mode 2x2
Number of Transmission Chains = 2

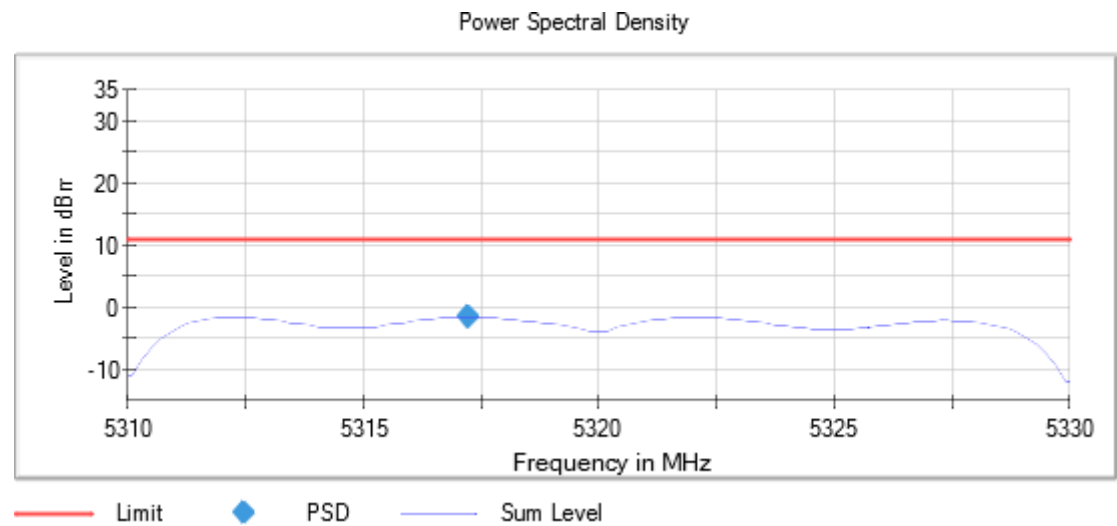
Images:



Date: 2.FEB.2023 13:52:41

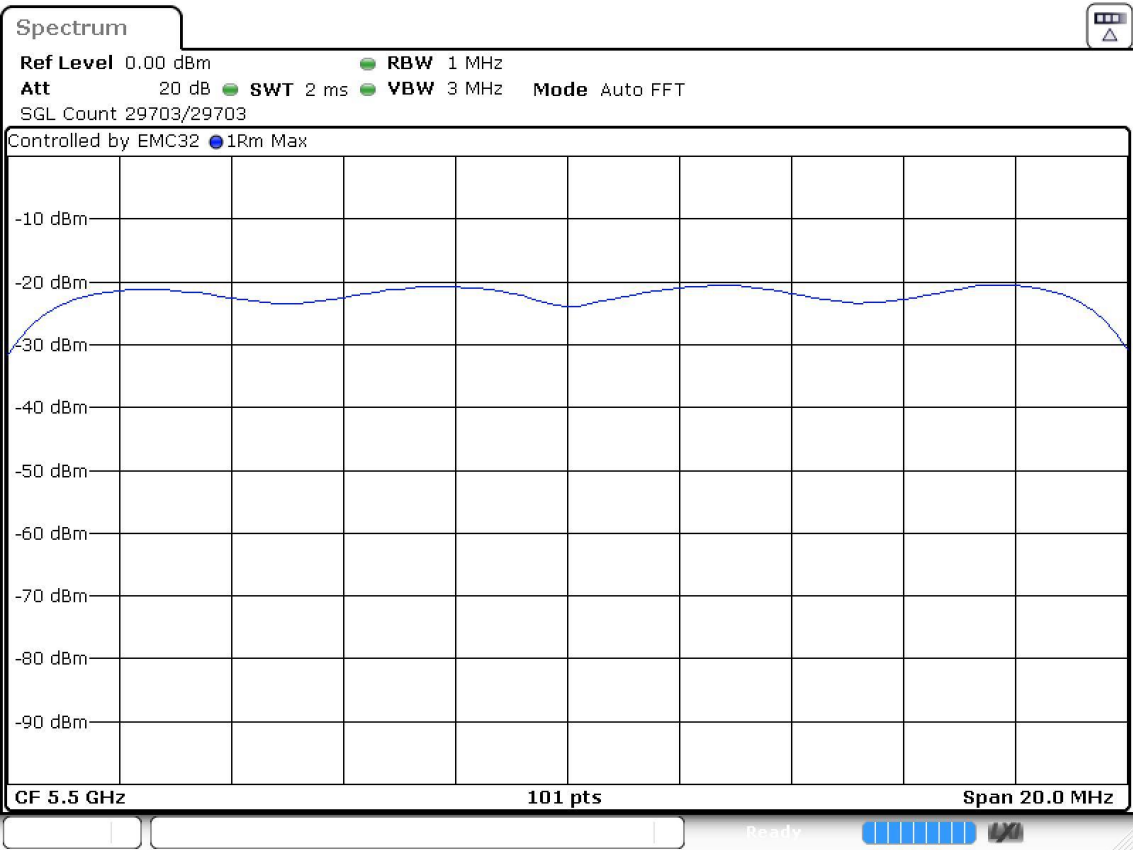
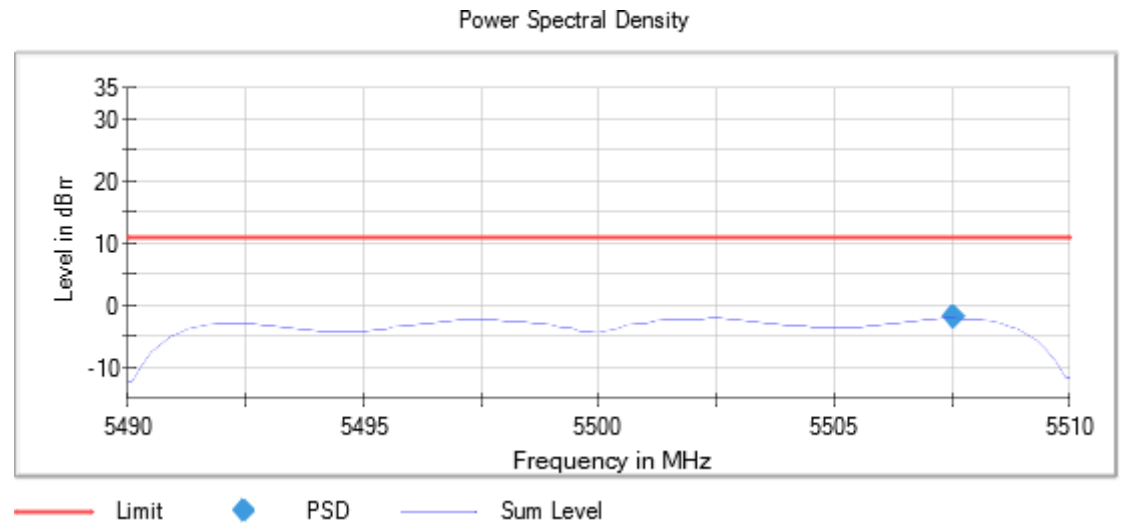


Date: 2.FEB.2023 13:31:13

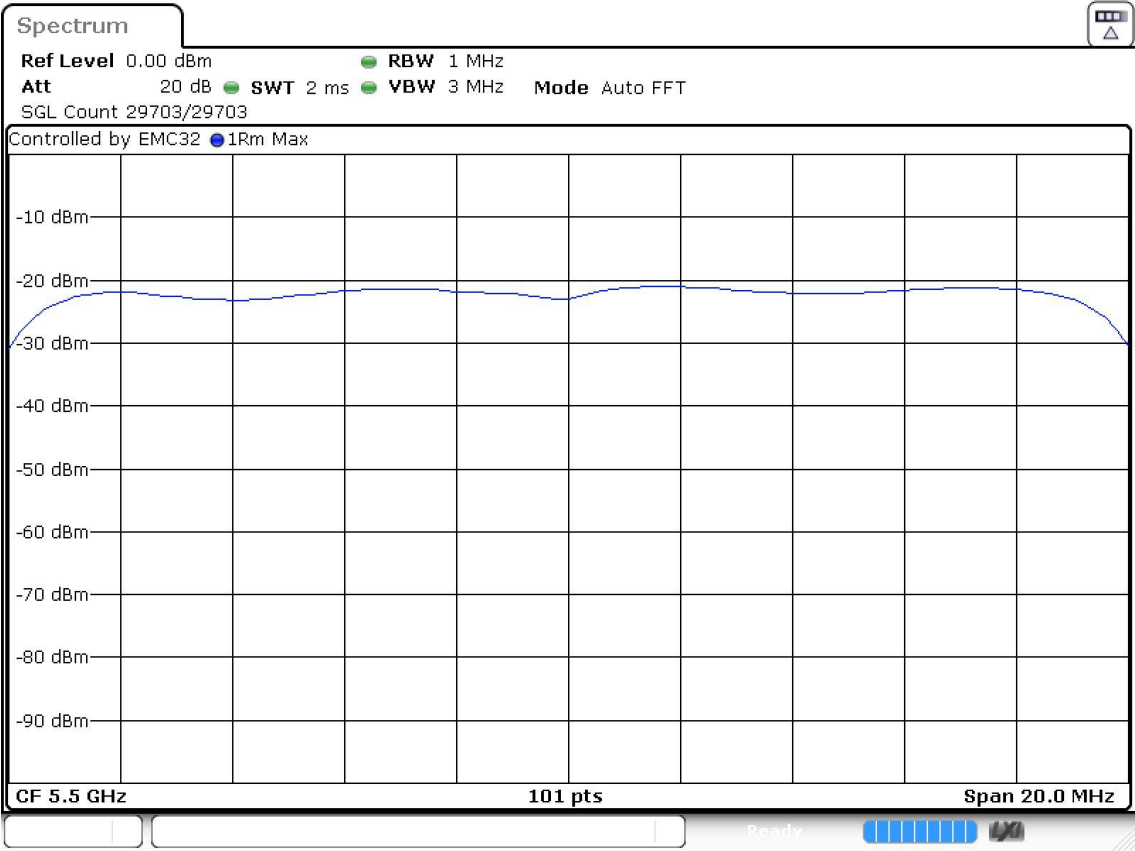


Frequency MHz = 5500.00000 Modulation = 802.11ax HE20 SS1 (OFDMA MCS8)
TPC = No Mode = MIMO CCD Mode 2x2
Number of Transmission Chains = 2

Images:



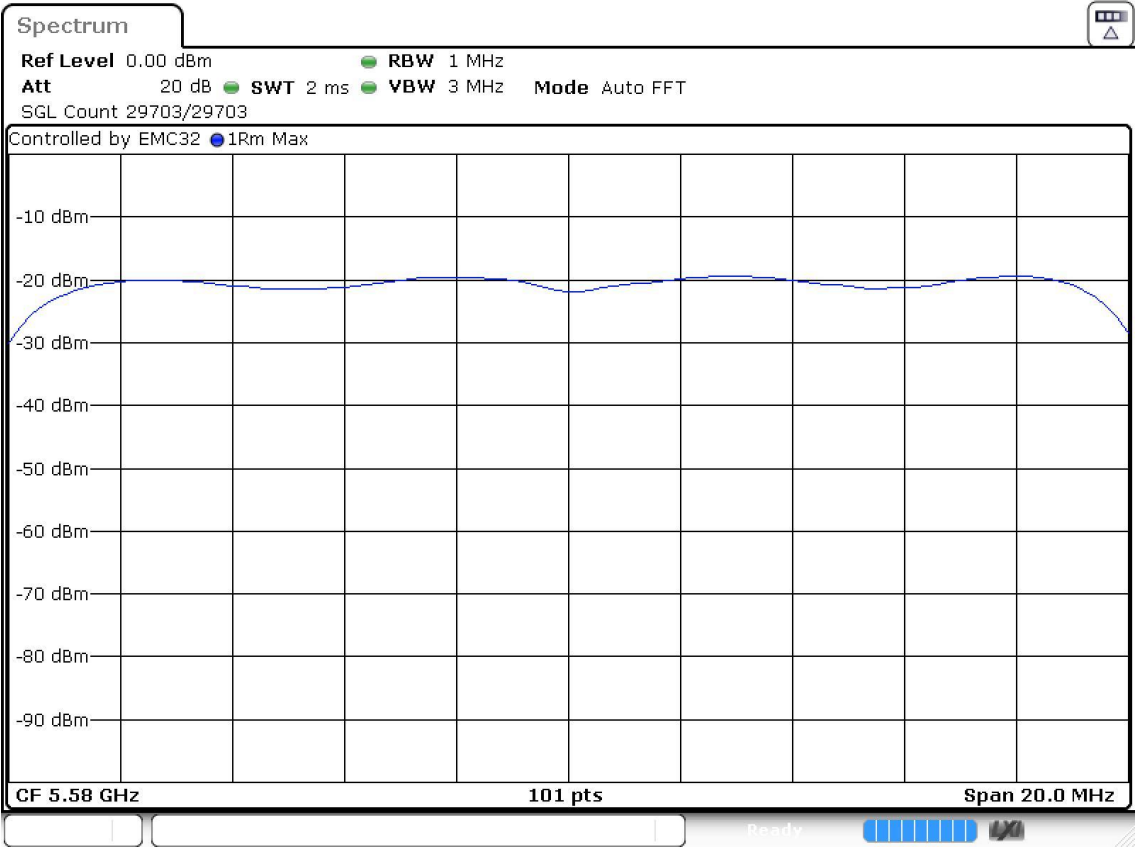
Date: 2.FEB.2023 15:02:27



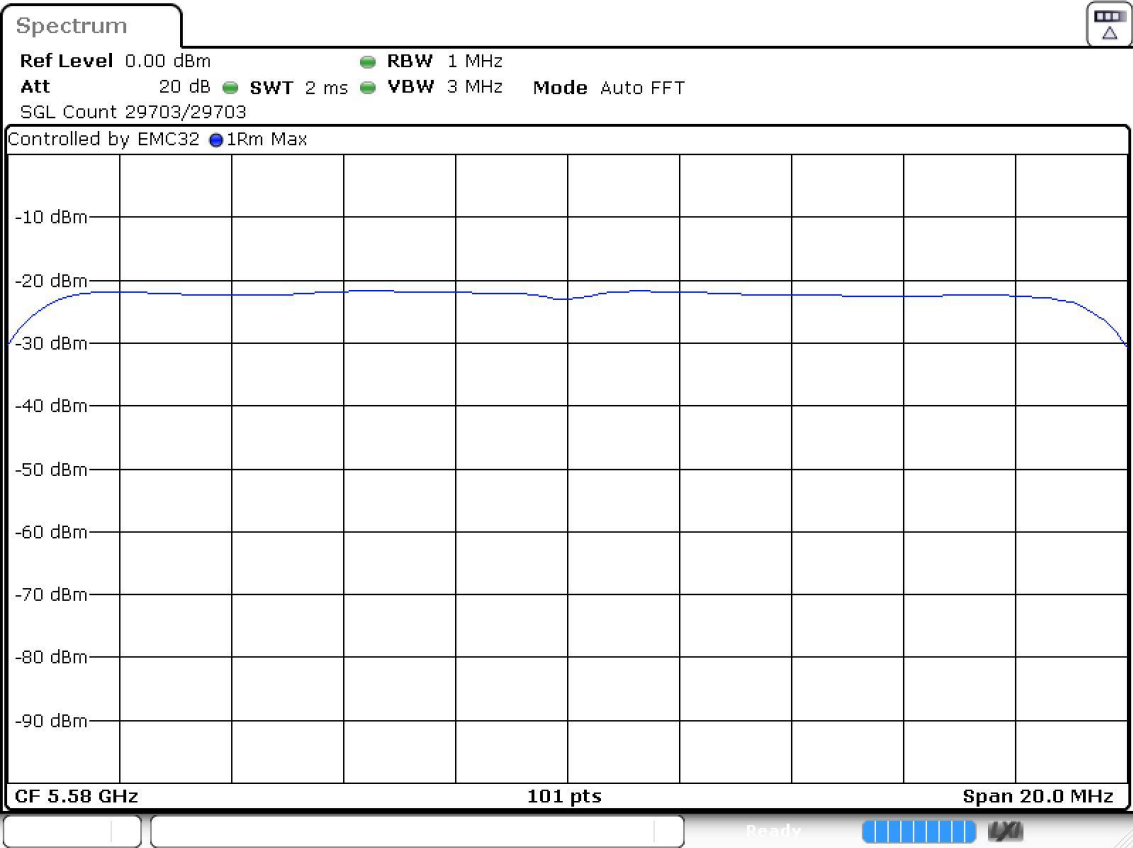
Date: 2.FEB.2023 14:41:04

Frequency MHz = 5580.00000 Modulation = 802.11ax HE20 SS1 (OFDMA MCS8)
TPC = No Mode = MIMO CCD Mode 2x2
Number of Transmission Chains = 2

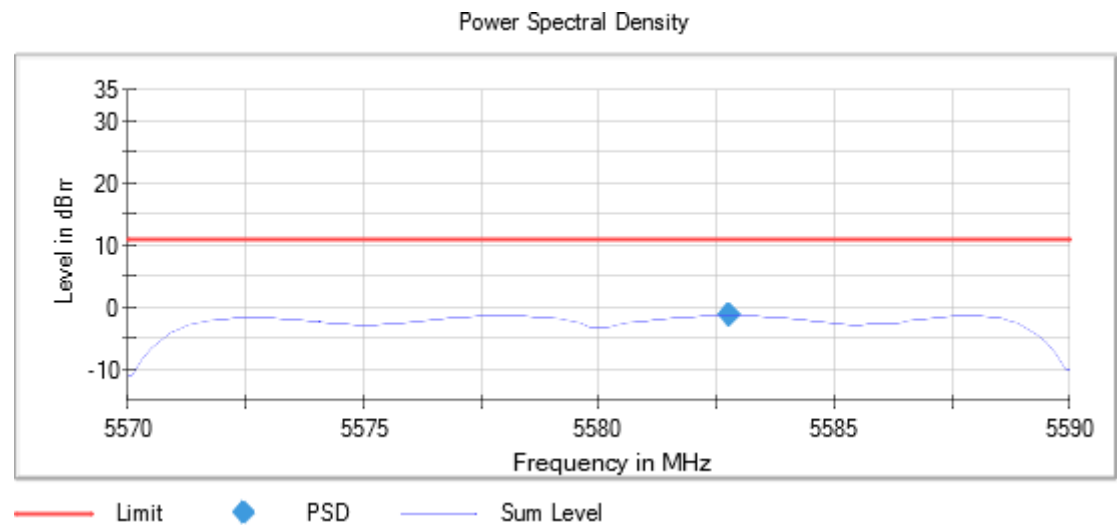
Images:



Date: 2.FEB.2023 15:59:48

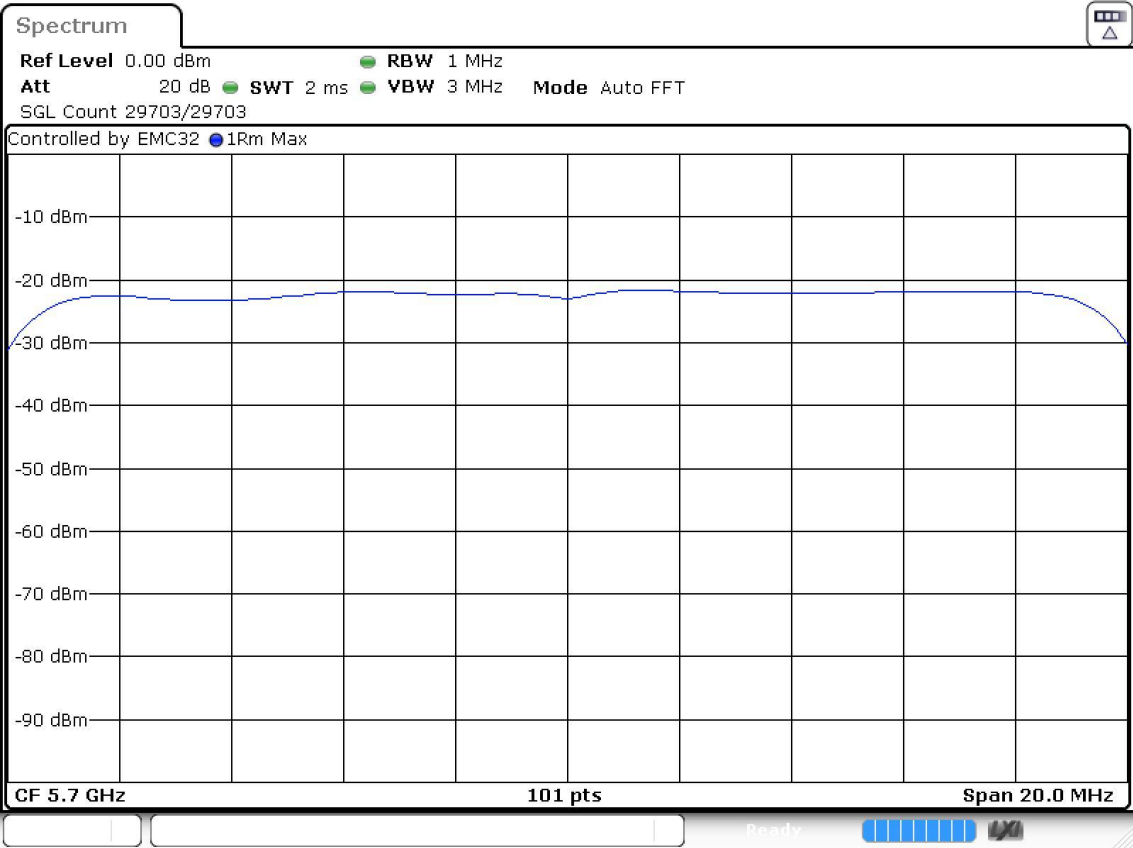
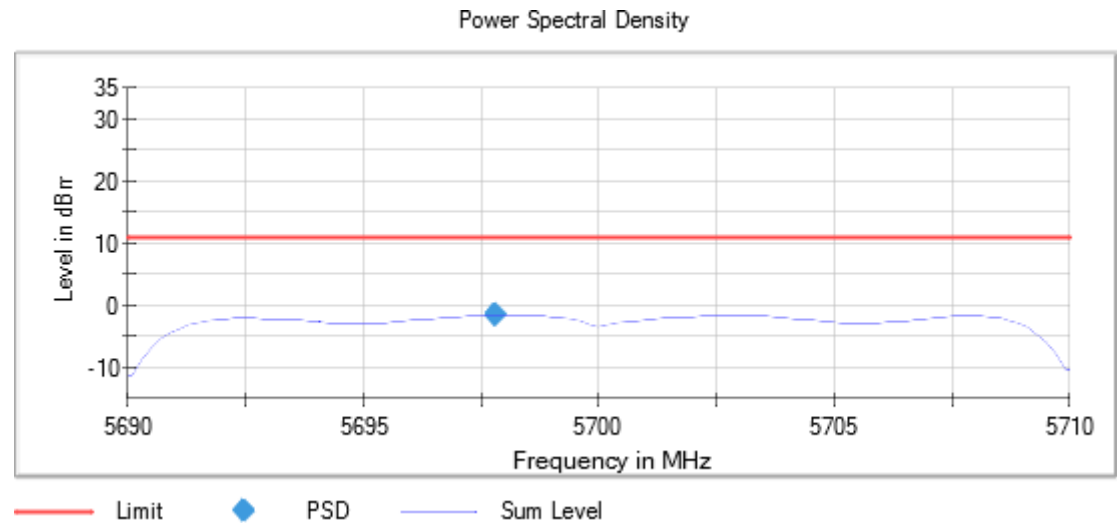


Date: 2.FEB.2023 16:21:10

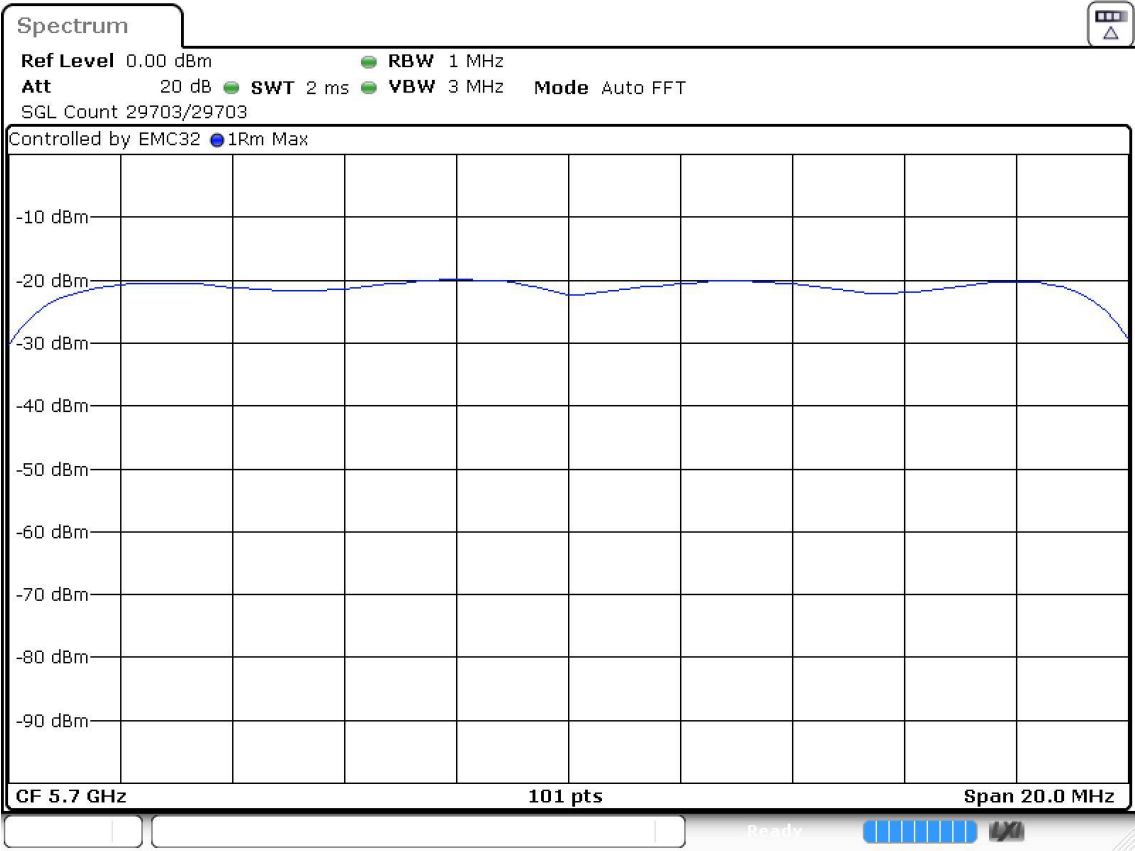


Frequency MHz = 5700.00000 Modulation = 802.11ax HE20 SS1 (OFDMA MCS8)
TPC = No Mode = MIMO CCD Mode 2x2
Number of Transmission Chains = 2

Images:



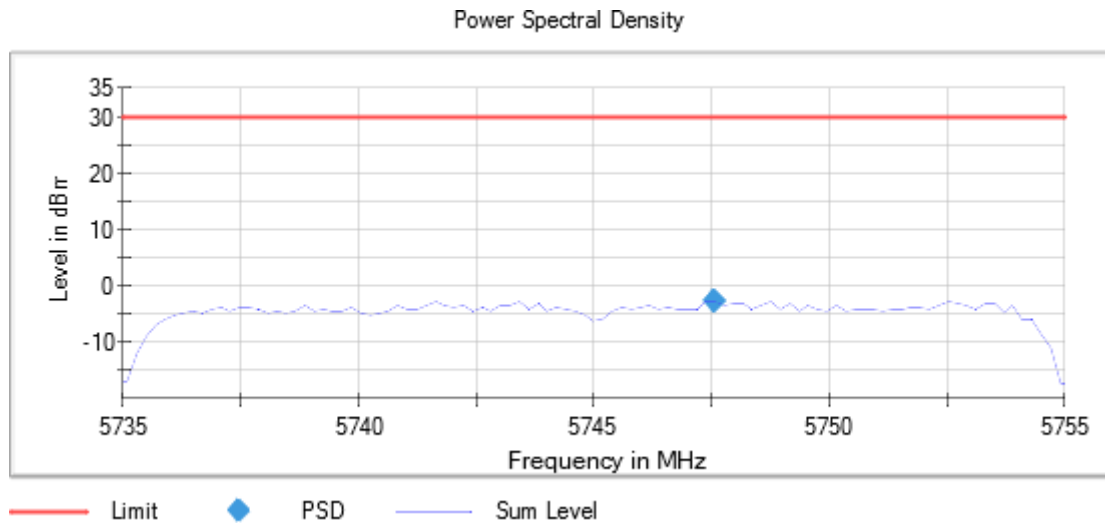
Date: 2.FEB.2023 17:22:10



Date: 2.FEB.2023 17:00:46

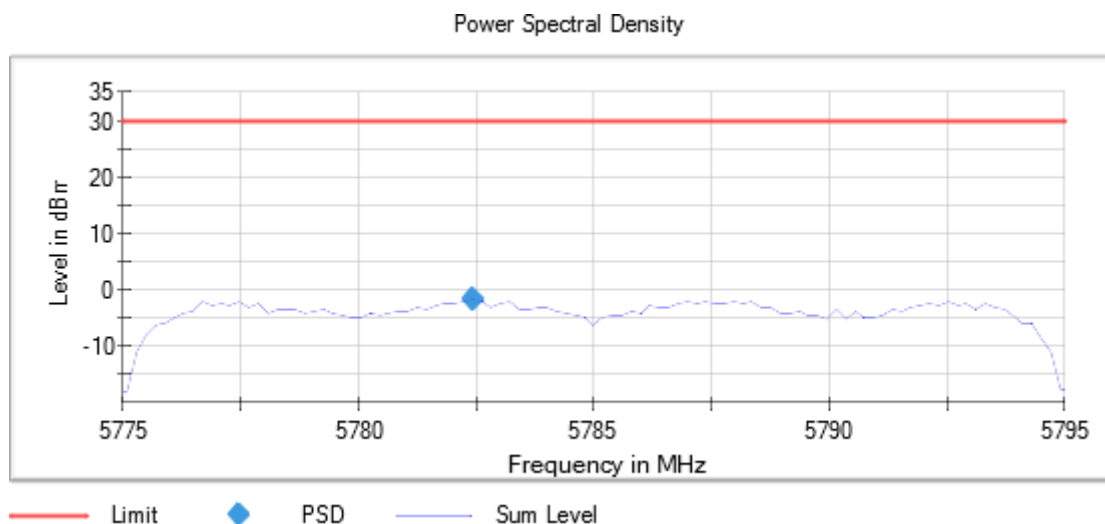
Frequency MHz = 5745.00000 Modulation = 802.11ax HE20 SS1 (OFDMA MCS8)
TPC = No Mode = MIMO CCD Mode 2x2
Number of Transmission Chains = 2

Images:



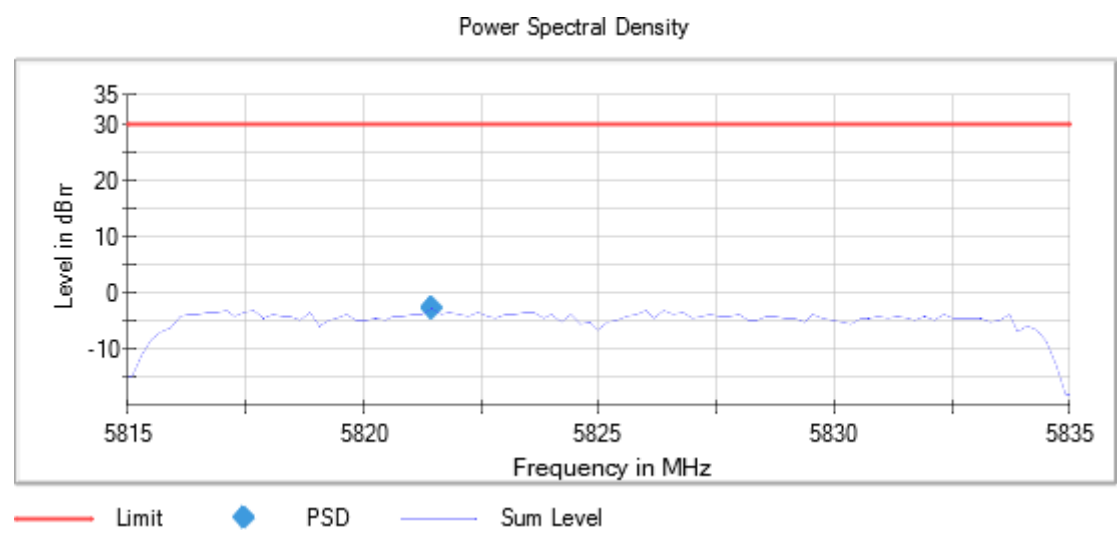
Frequency MHz = 5785.00000 Modulation = 802.11ax HE20 SS1 (OFDMA MCS8)
TPC = No Mode = MIMO CCD Mode 2x2
Number of Transmission Chains = 2

Images:



Frequency MHz = 5825.00000 Modulation = 802.11ax HE20 SS1 (OFDMA MCS8)
TPC = No Mode = MIMO CCD Mode 2x2
Number of Transmission Chains = 2

Images:



Mode: MIMO CCD Mode 2x2

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

Results

Freq (MHz)	Marker Freq (MHz)	PSD (dBm)
5190.00000	5185.643564	-0.46
5230.00000	5235.544554	0.51
5270.00000	5275.544554	-0.35
5310.00000	5294.158416	-0.61
5510.00000	5514.356436	-1.79
5550.00000	5565.445545	-0.99
5670.00000	5673.960396	-0.33
5755.00000	5757.625000	-2.64
5795.00000	5792.375000	-2.88

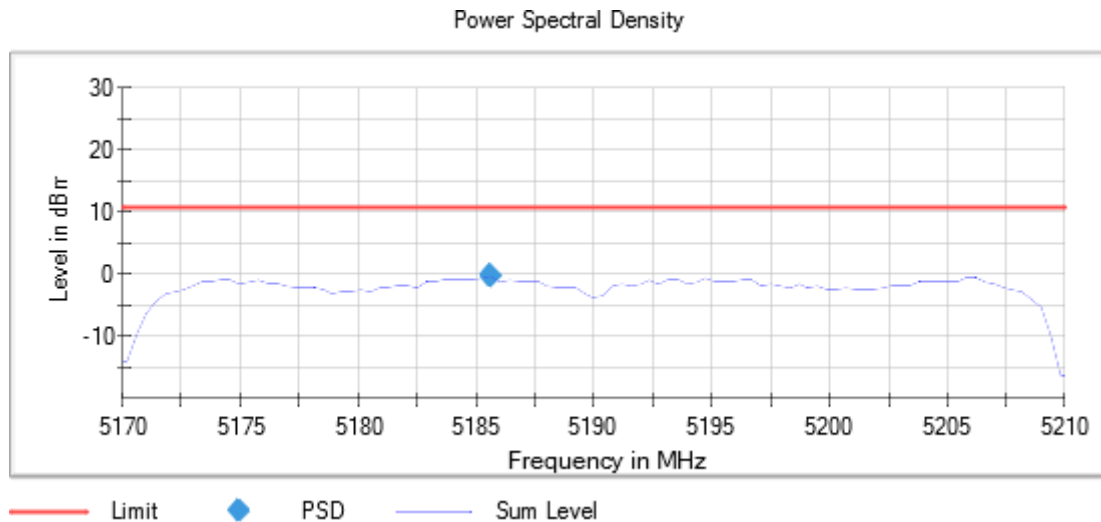
Verdict

Pass

Attachments

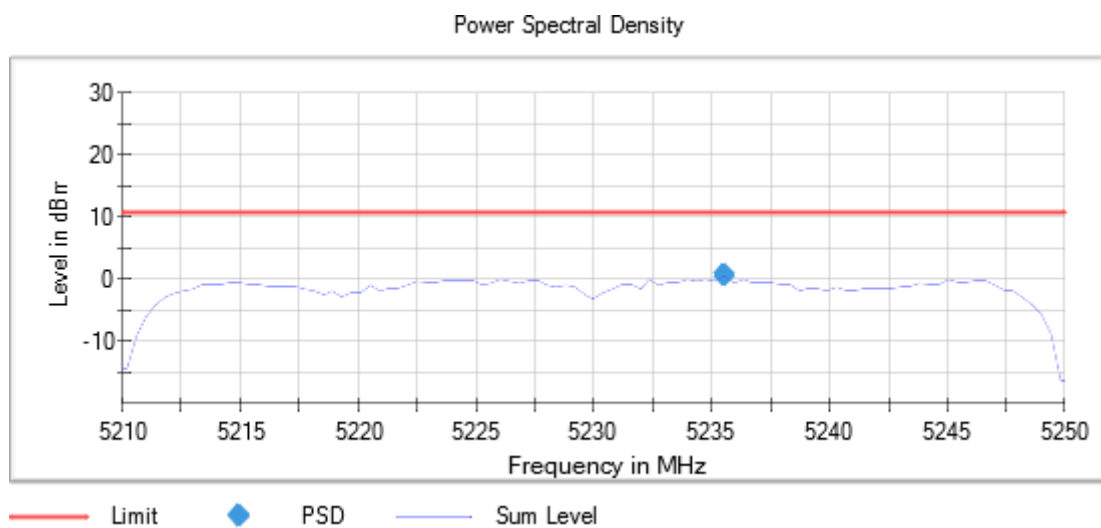
Frequency MHz = 5190.00000 Modulation = 802.11ax HE40 SS1 (OFDMA MCS9)
TPC = No Mode = MIMO CCD Mode 2x2
Number of Transmission Chains = 2

Images:



Frequency MHz = 5230.00000 Modulation = 802.11ax HE40 SS1 (OFDMA MCS9)
TPC = No Mode = MIMO CCD Mode 2x2
Number of Transmission Chains = 2

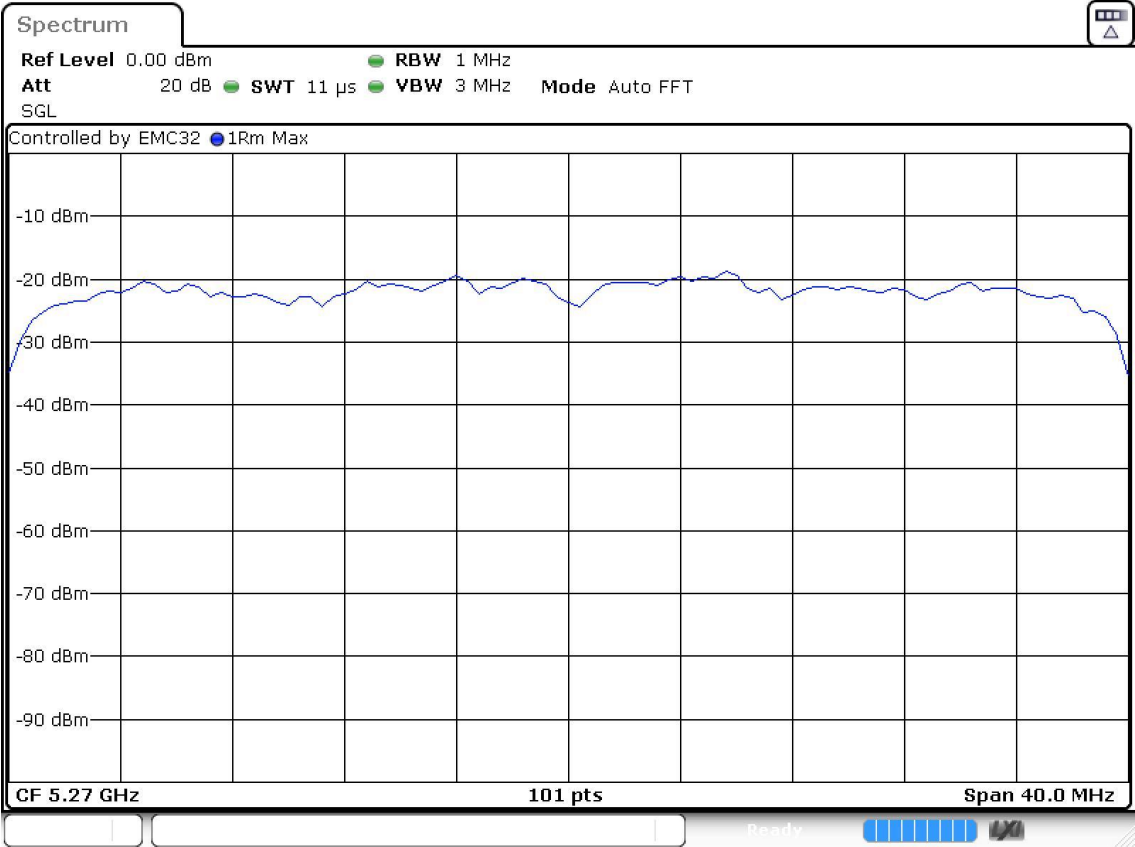
Images:



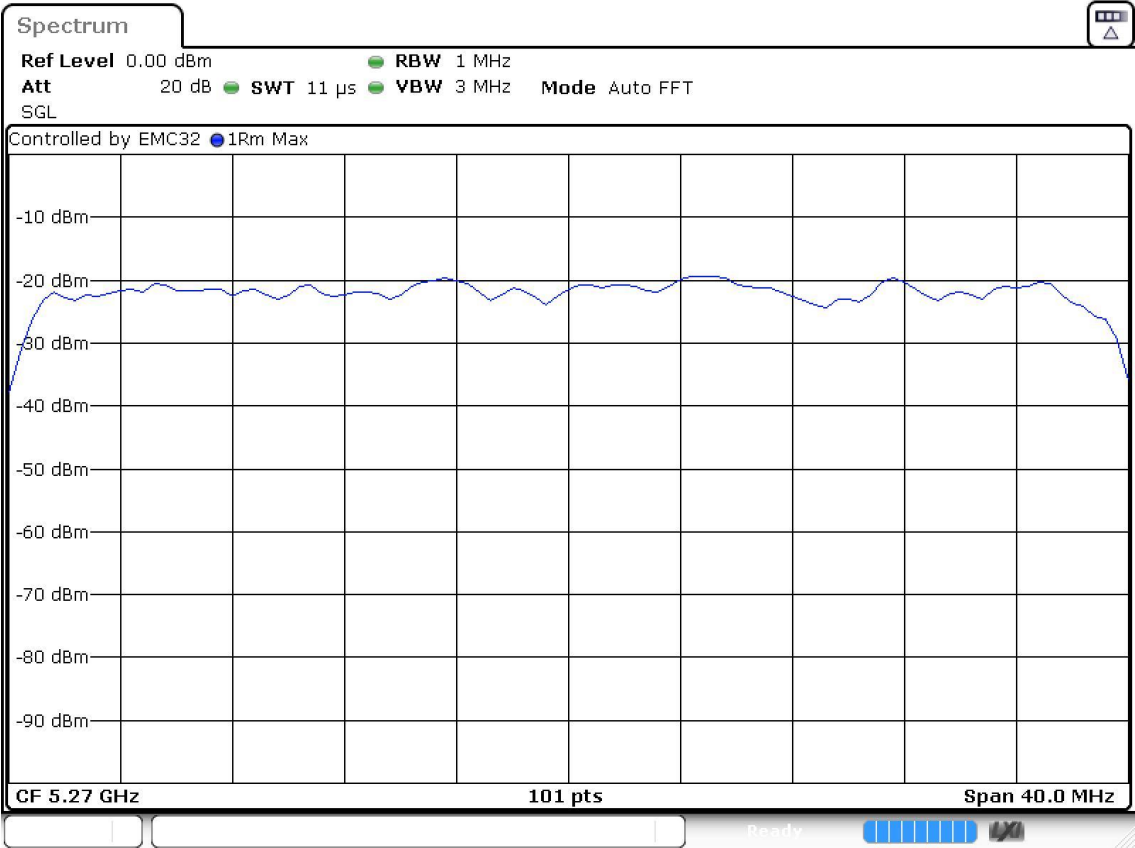
Attachments

Frequency MHz = 5270.00000 Modulation = 802.11ax HE40 SS1 (OFDMA MCS9)
TPC = No Mode = MIMO CCD Mode 2x2
Number of Transmission Chains = 2

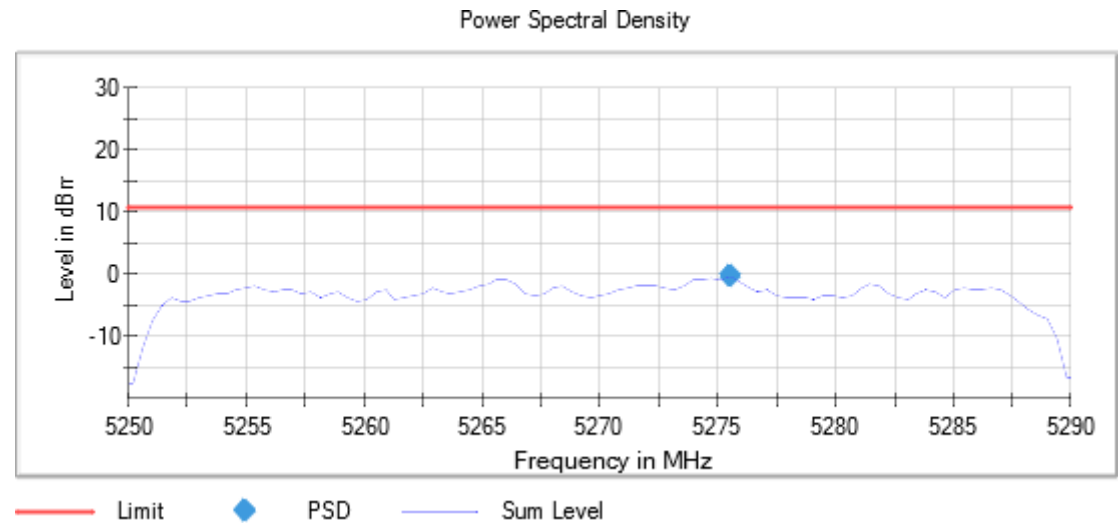
Images:



Date: 2.FEB.2023 20:15:10

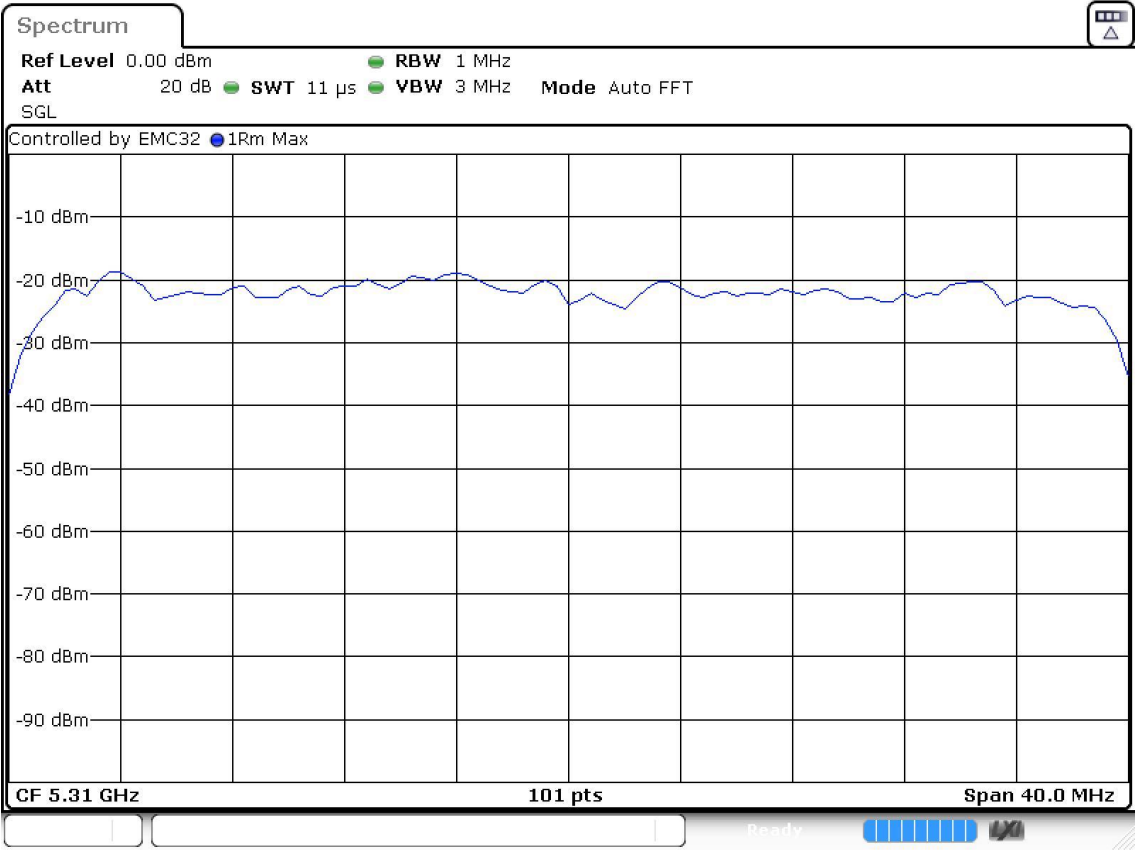


Date: 2.FEB.2023 20:15:03

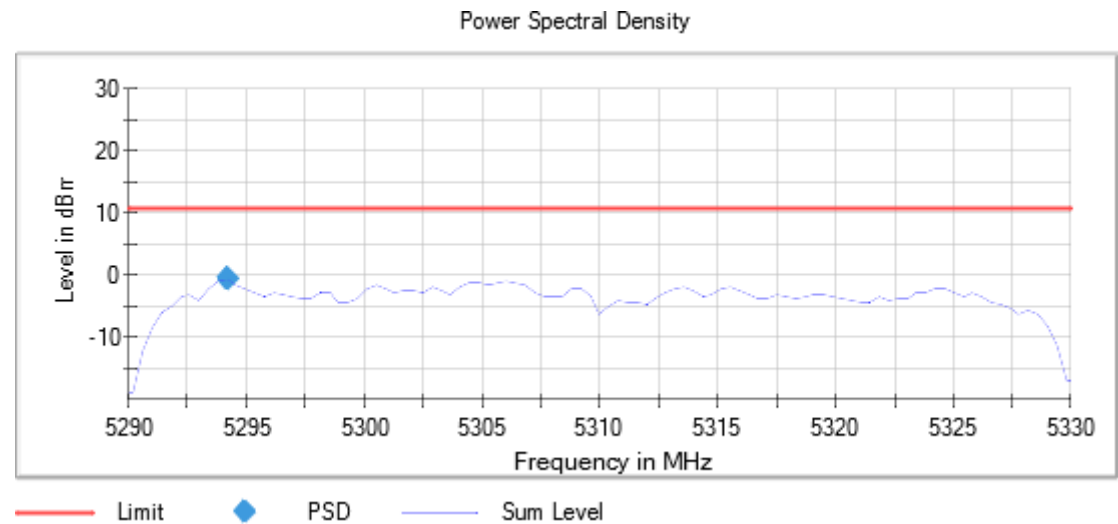


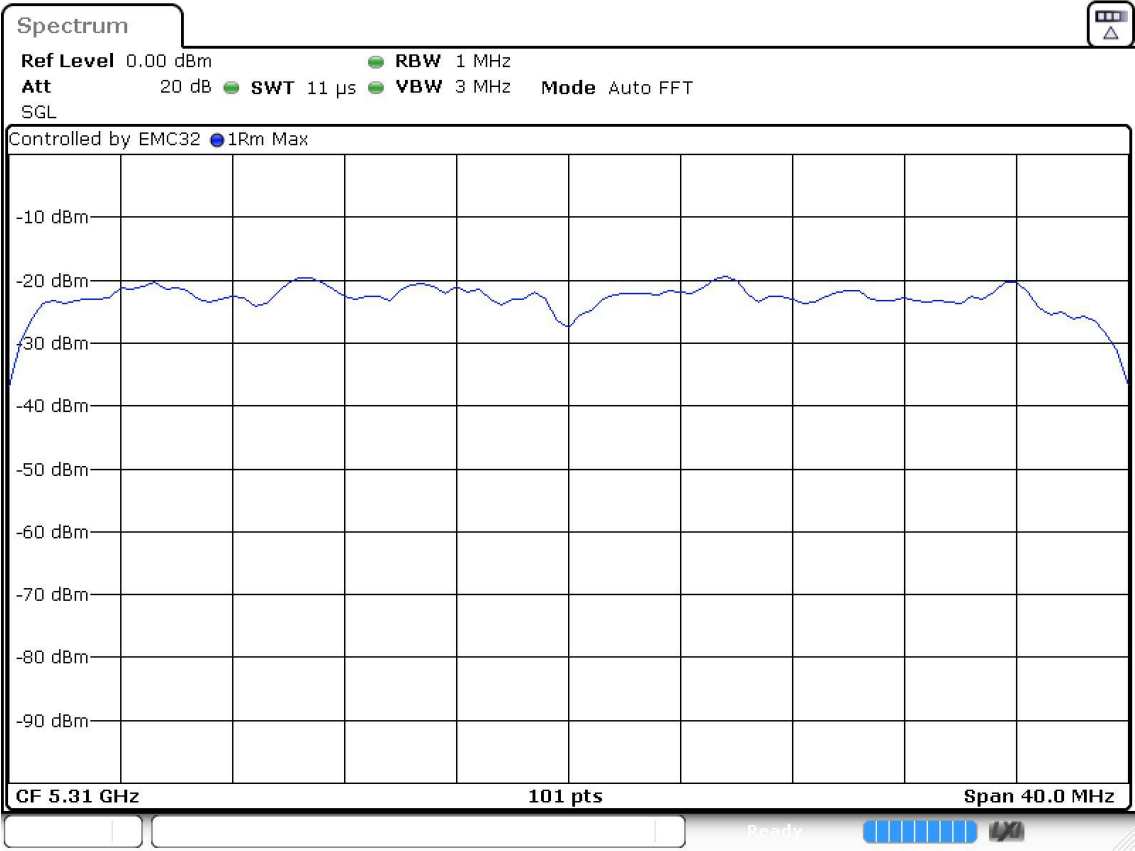
Frequency MHz = 5310.00000 Modulation = 802.11ax HE40 SS1 (OFDMA MCS9)
TPC = No Mode = MIMO CCD Mode 2x2
Number of Transmission Chains = 2

Images:



Date: 2.FEB.2023 20:28:47





Date: 2.FEB.2023 20:28:54

Frequency MHz = 5510.00000

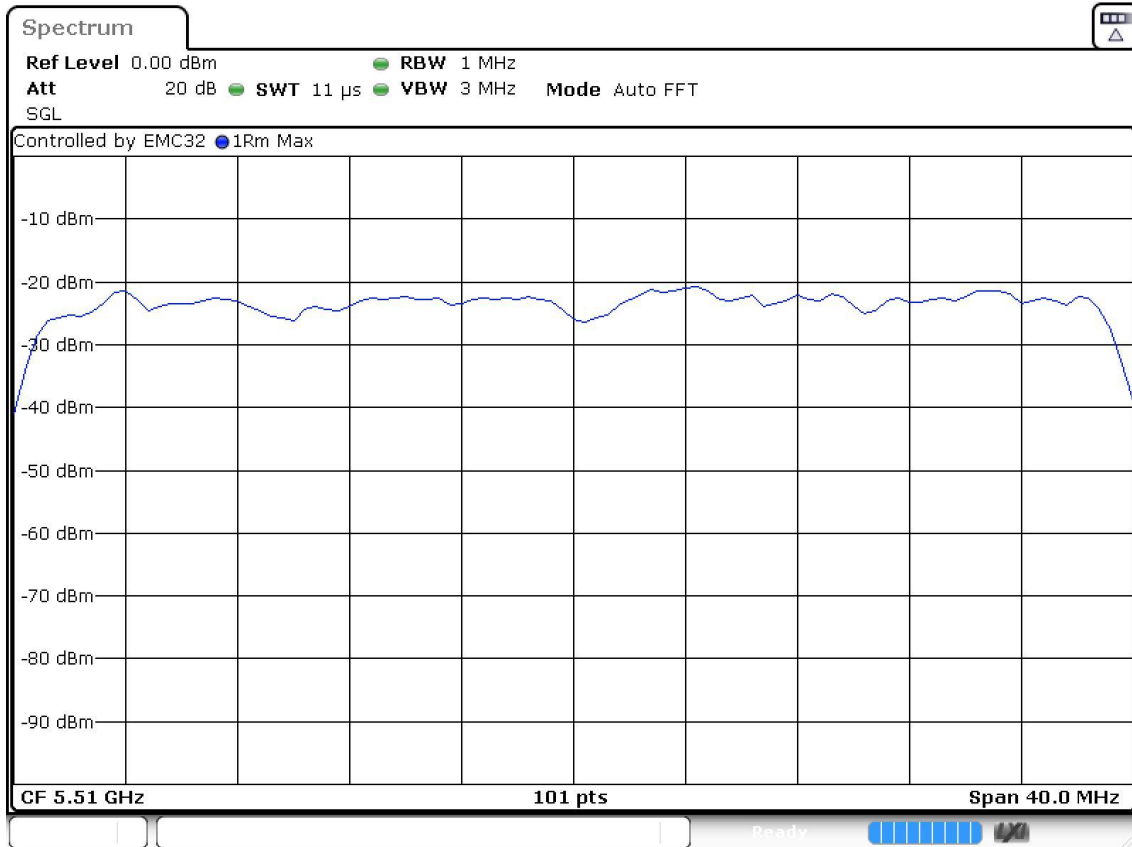
Modulation = 802.11ax HE40 SS1 (OFDMA MCS9)

TPC = No

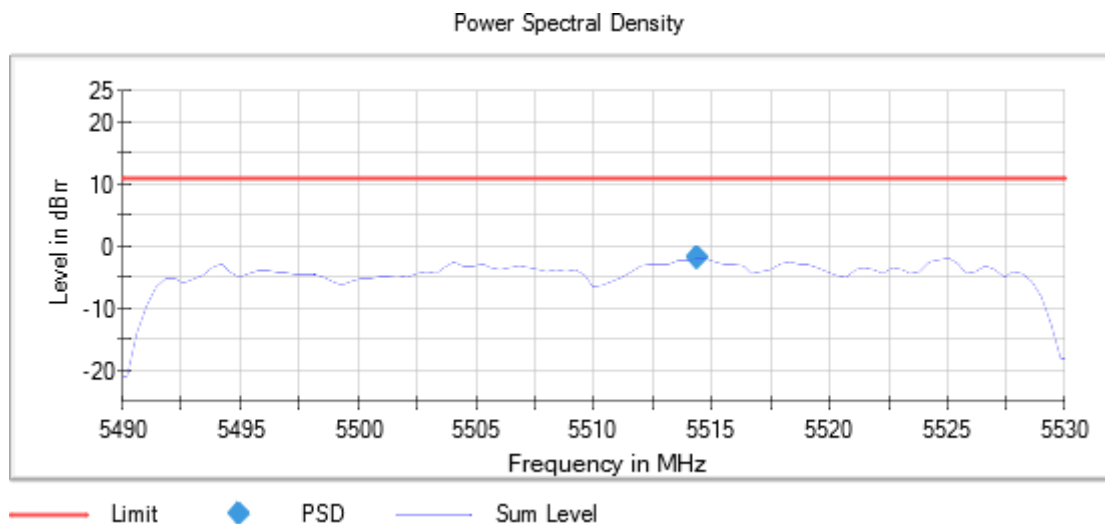
Mode = MIMO CCD Mode 2x2

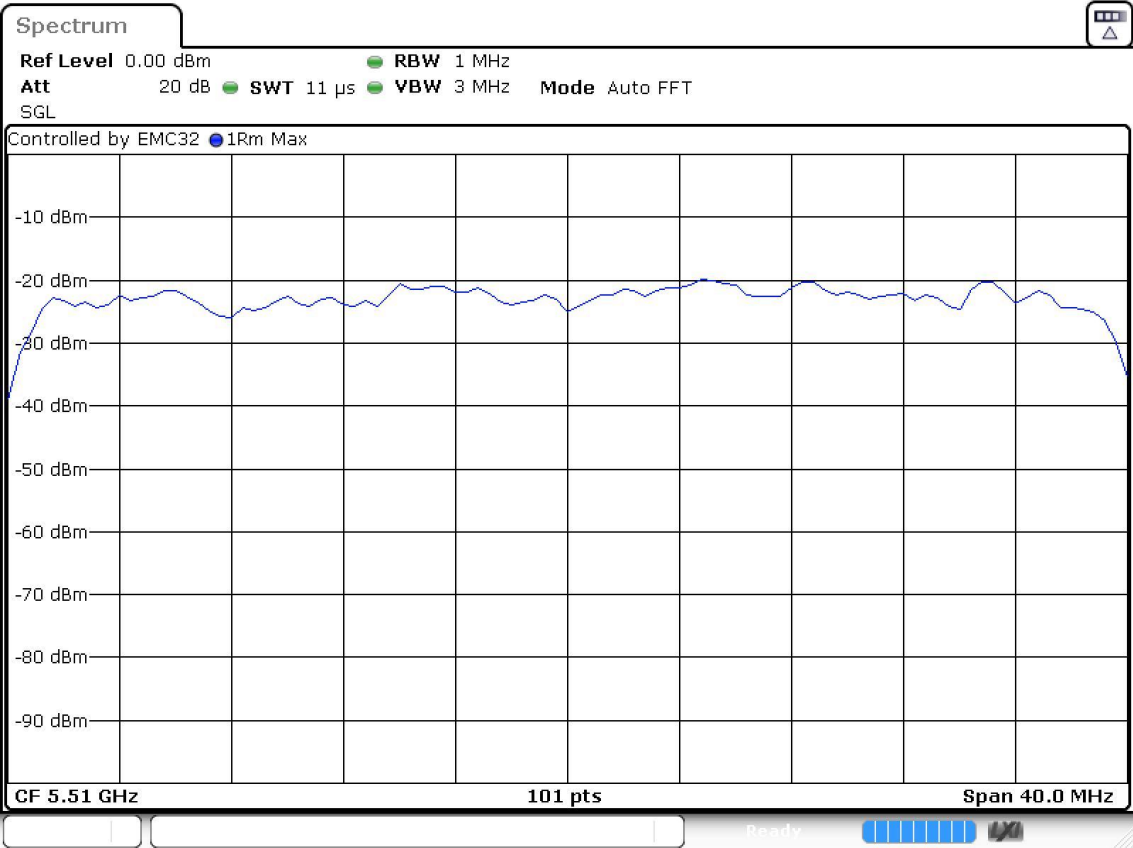
Number of Transmission Chains = 2

Images:



Date: 2.FEB.2023 20:42:40

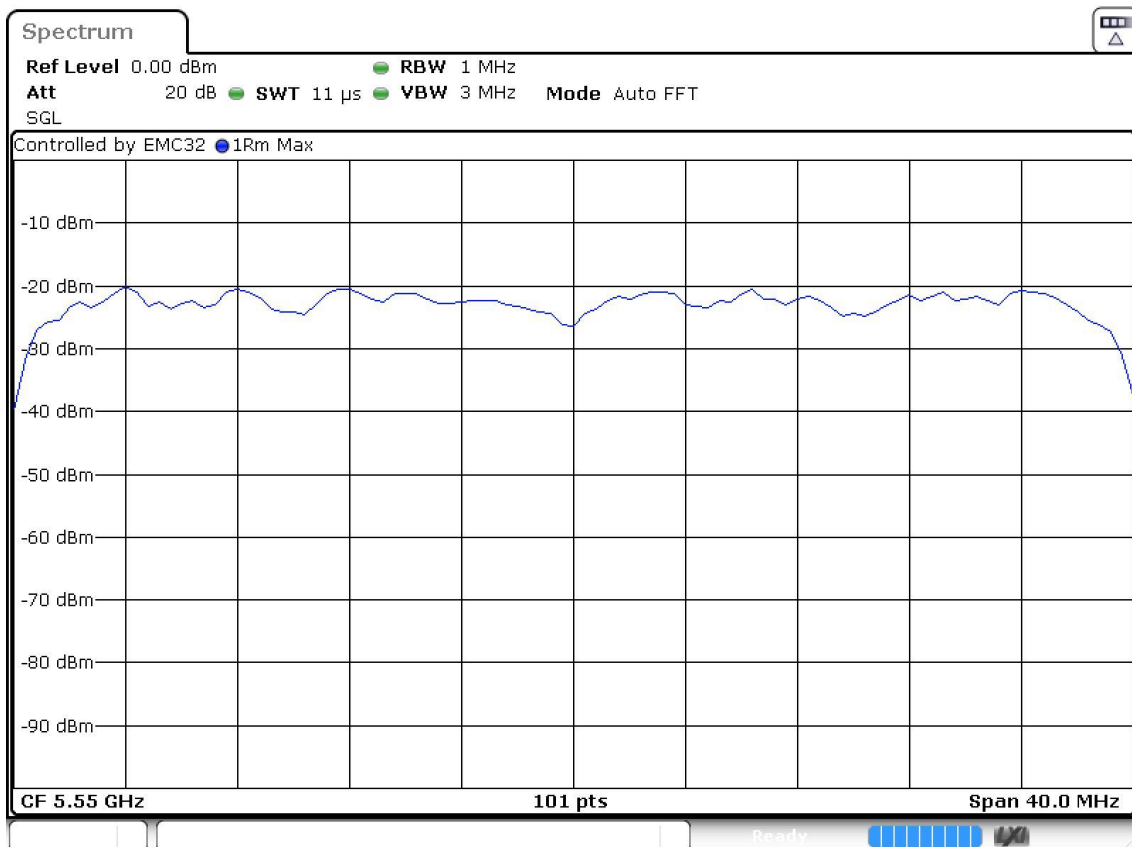
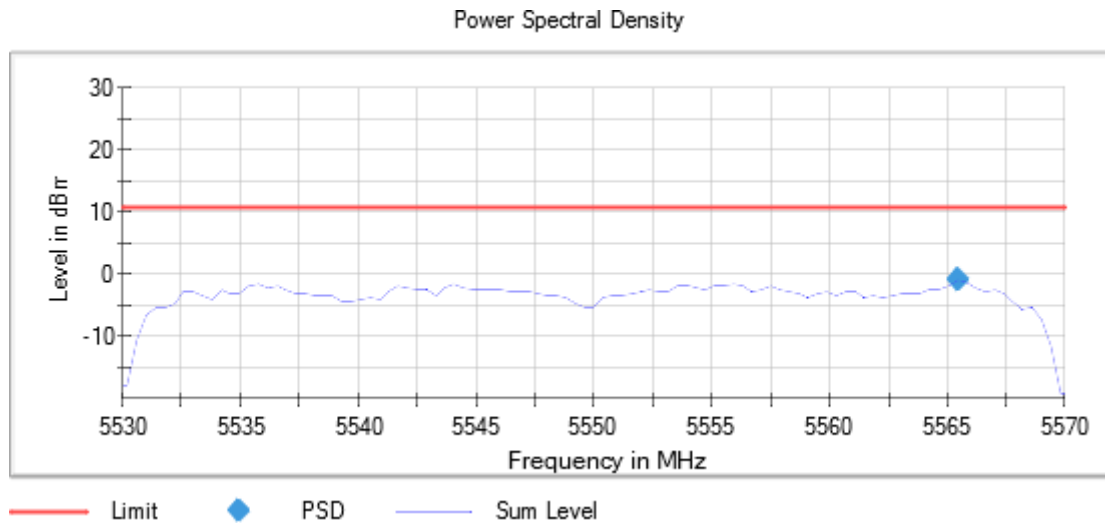




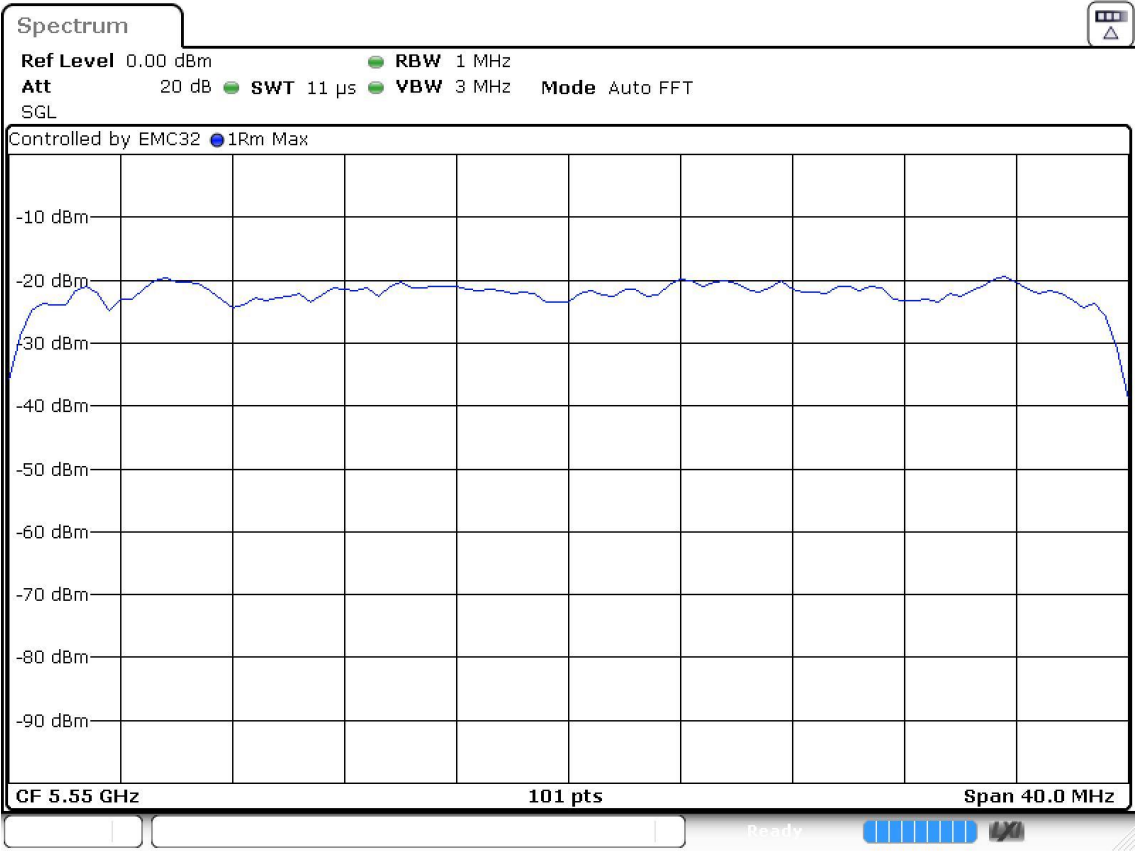
Date: 2.FEB.2023 20:42:47

Frequency MHz = 5550.00000 Modulation = 802.11ax HE40 SS1 (OFDMA MCS9)
TPC = No Mode = MIMO CCD Mode 2x2
Number of Transmission Chains = 2

Images:



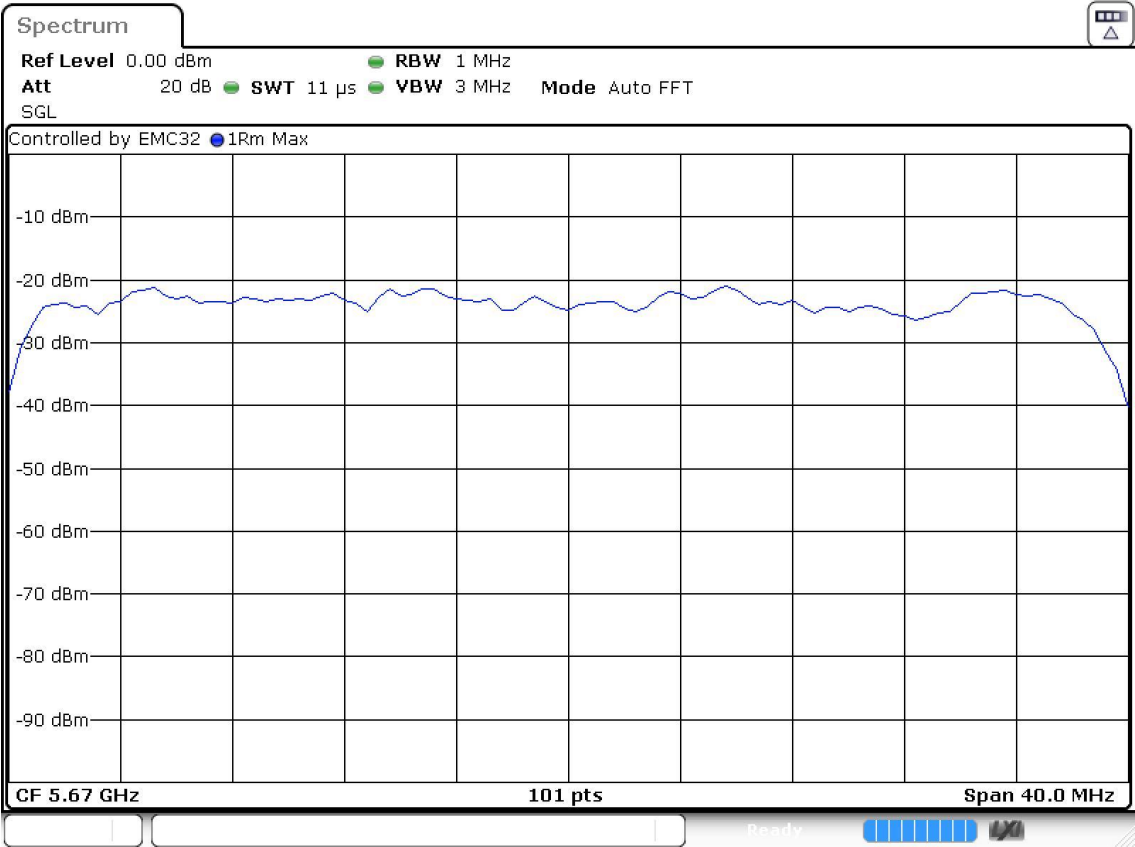
Date: 3.FEB.2023 09:34:42



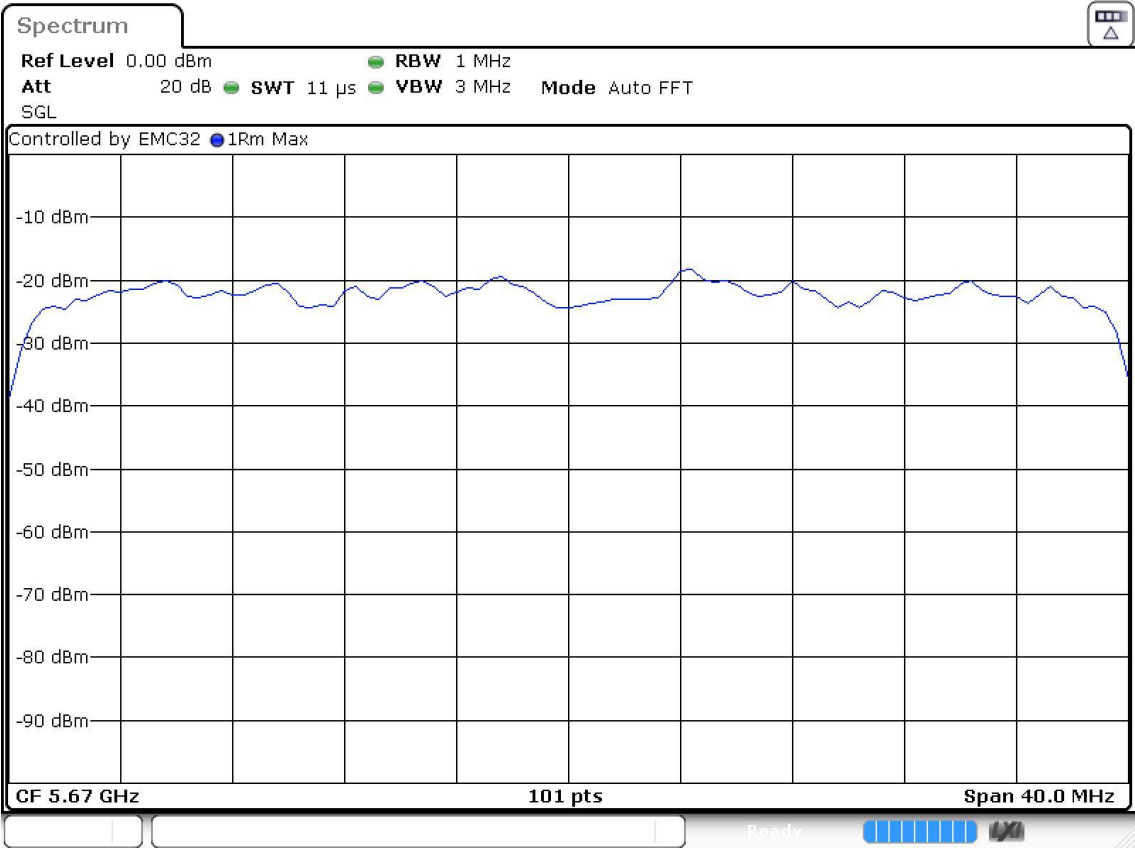
Date: 3.FEB.2023 09:34:35

Frequency MHz = 5670.00000 Modulation = 802.11ax HE40 SS1 (OFDMA MCS9)
TPC = No Mode = MIMO CCD Mode 2x2
Number of Transmission Chains = 2

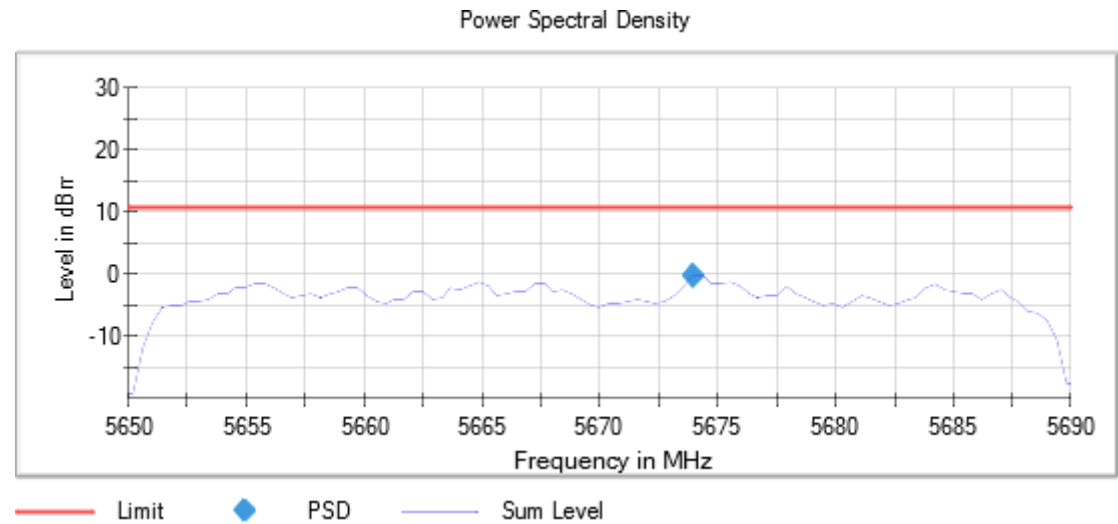
Images:



Date: 3.FEB.2023 09:59:34

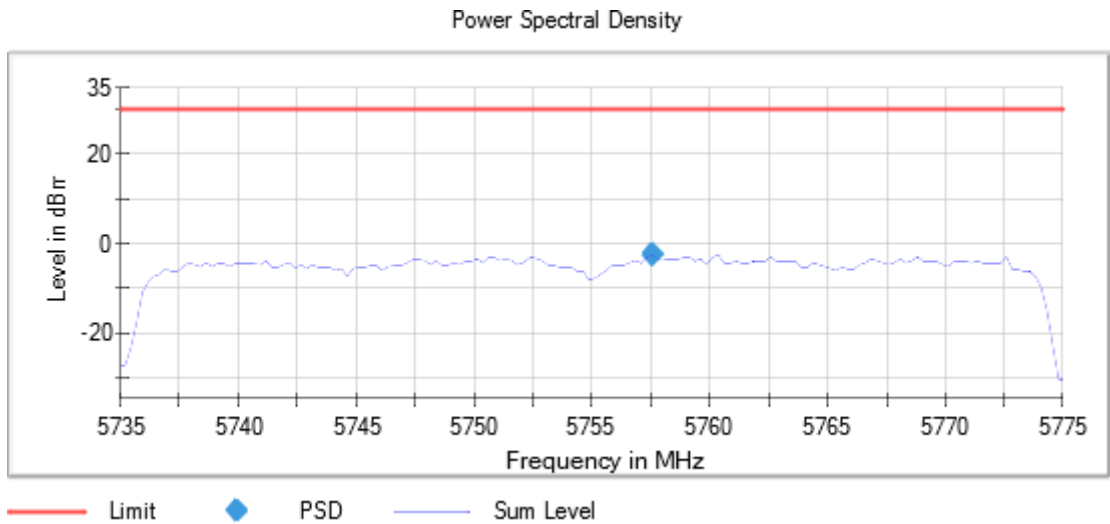


Date: 3.FEB.2023 09:59:26



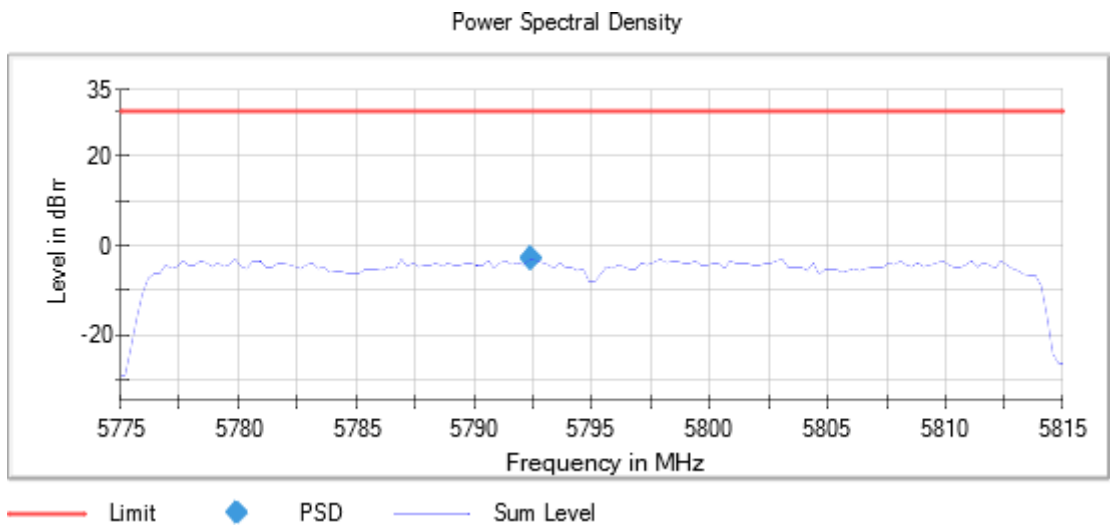
Frequency MHz = 5755.00000 Modulation = 802.11ax HE40 SS1 (OFDMA MCS9)
TPC = No Mode = MIMO CCD Mode 2x2
Number of Transmission Chains = 2

Images:



Frequency MHz = 5795.00000 Modulation = 802.11ax HE40 SS1 (OFDMA MCS9)
TPC = No Mode = MIMO CCD Mode 2x2
Number of Transmission Chains = 2

Images:



Mode: MIMO CCD Mode 2x2

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

Results

Freq (MHz)	Marker Freq (MHz)	PSD (dBm)
5210.00000	5171.750000	-3.95
5290.00000	5312.750000	-4.63
5530.00000	5545.250000	-4.80
5610.00000	5628.750000	-3.44
5775.00000	5736.875000	-5.20

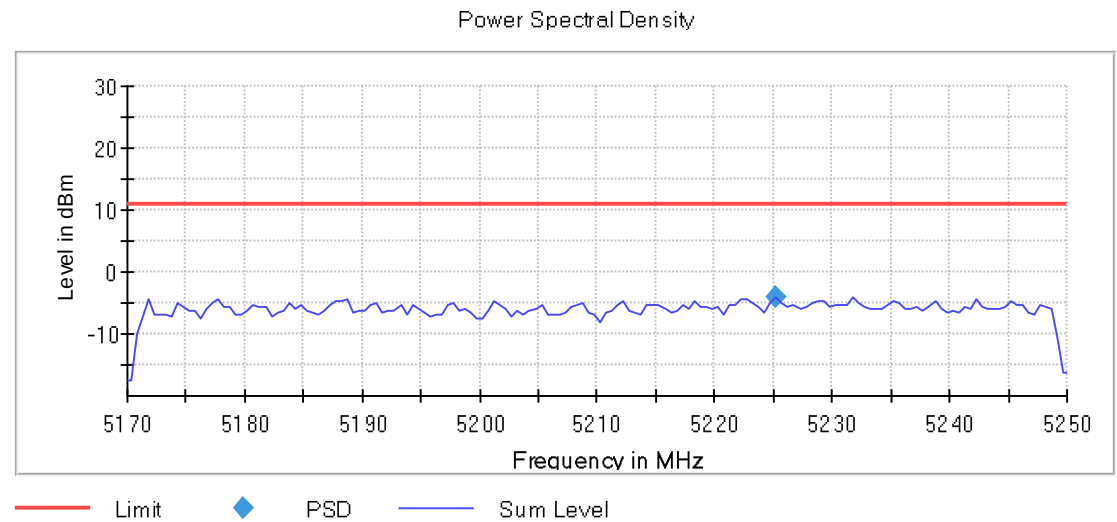
Verdict

Pass

Attachments

Frequency MHz = 5210.00000 Modulation = 802.11ax HE80 SS1 (OFDMA MCS11)
TPC = No Mode = MIMO CCD Mode 2x2
Number of Transmission Chains = 2

Images:



Attachments

Frequency MHz = 5290.00000 Modulation = 802.11ax HE80 SS1 (OFDMA MCS11)
TPC = No Mode = MIMO CCD Mode 2x2
Number of Transmission Chains = 2

Images:

