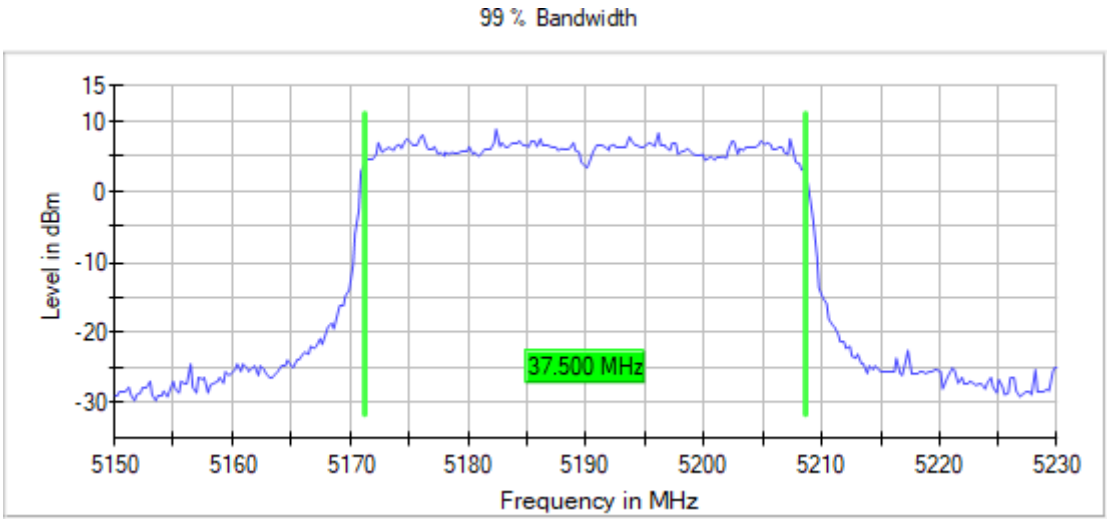
Attachments

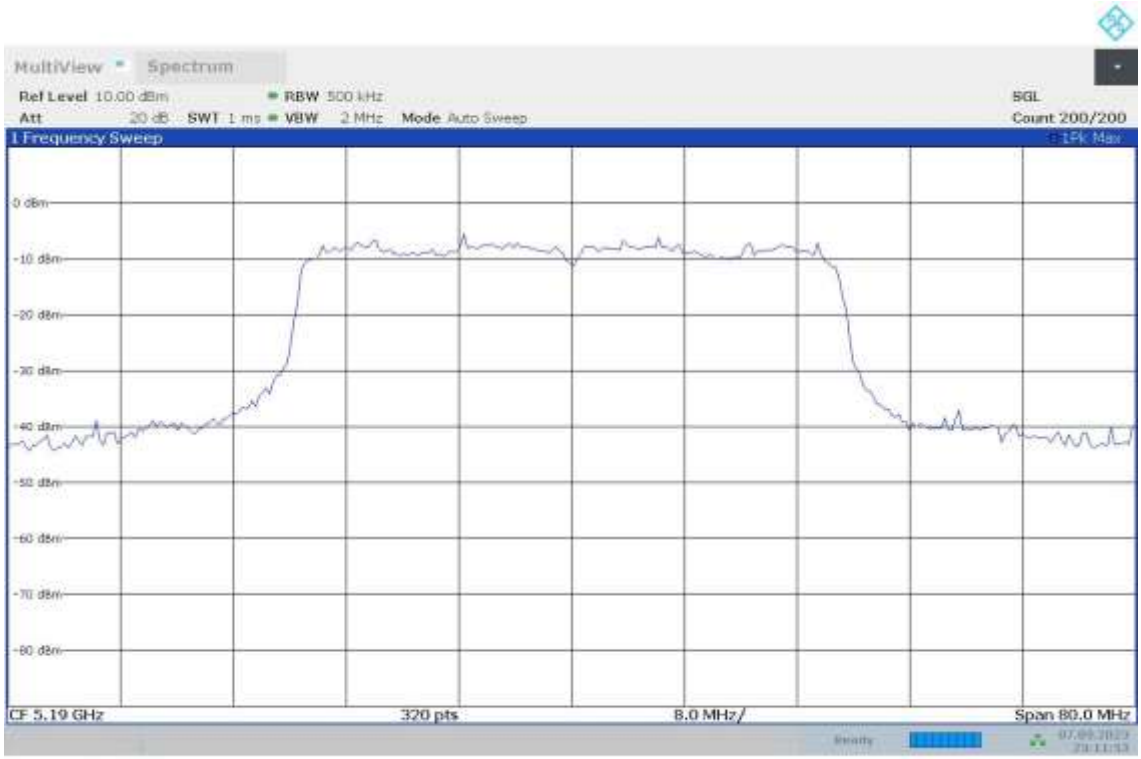
Operation Band MHz = [5150, 5850] Active Port = 1+2

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

MIMO Mode = MIMO CCD Mode 2x2

Images:



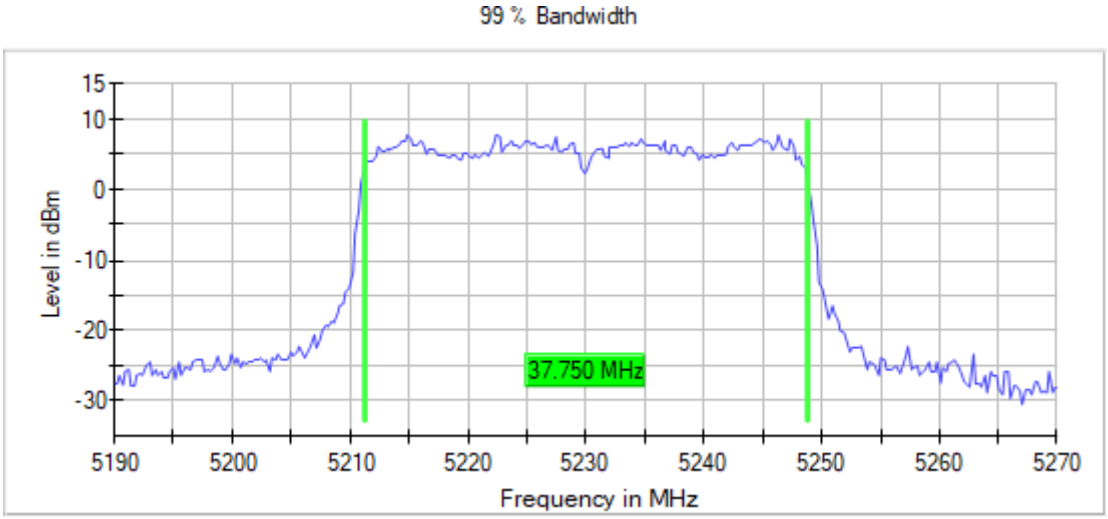


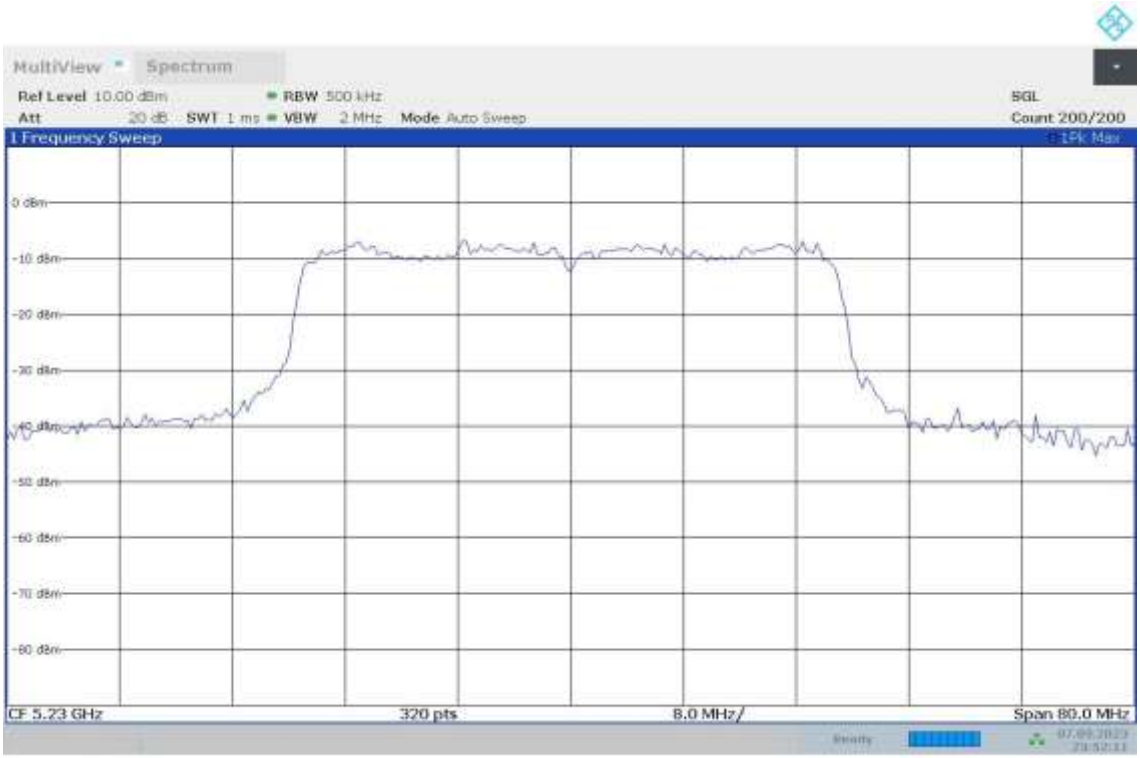
Operation Band MHz = [5150, 5850] Active Port = 1+2

Frequency MHz = 5230.00000 Modulation = 802.11ax HE40 SS1 (OFDMA MCS0)

MIMO Mode = MIMO CCD Mode 2x2

Images:





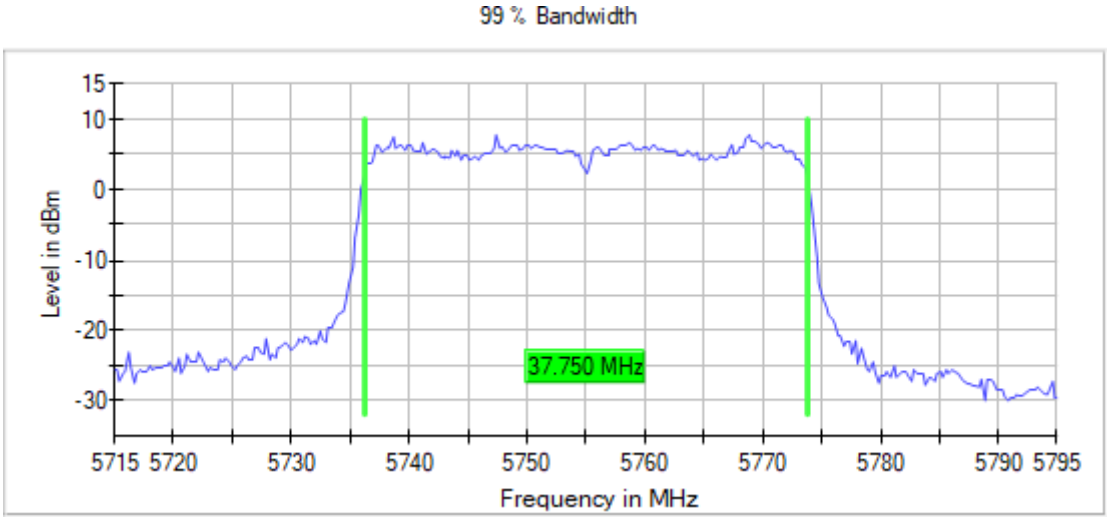
23:52:11 07.09.2023

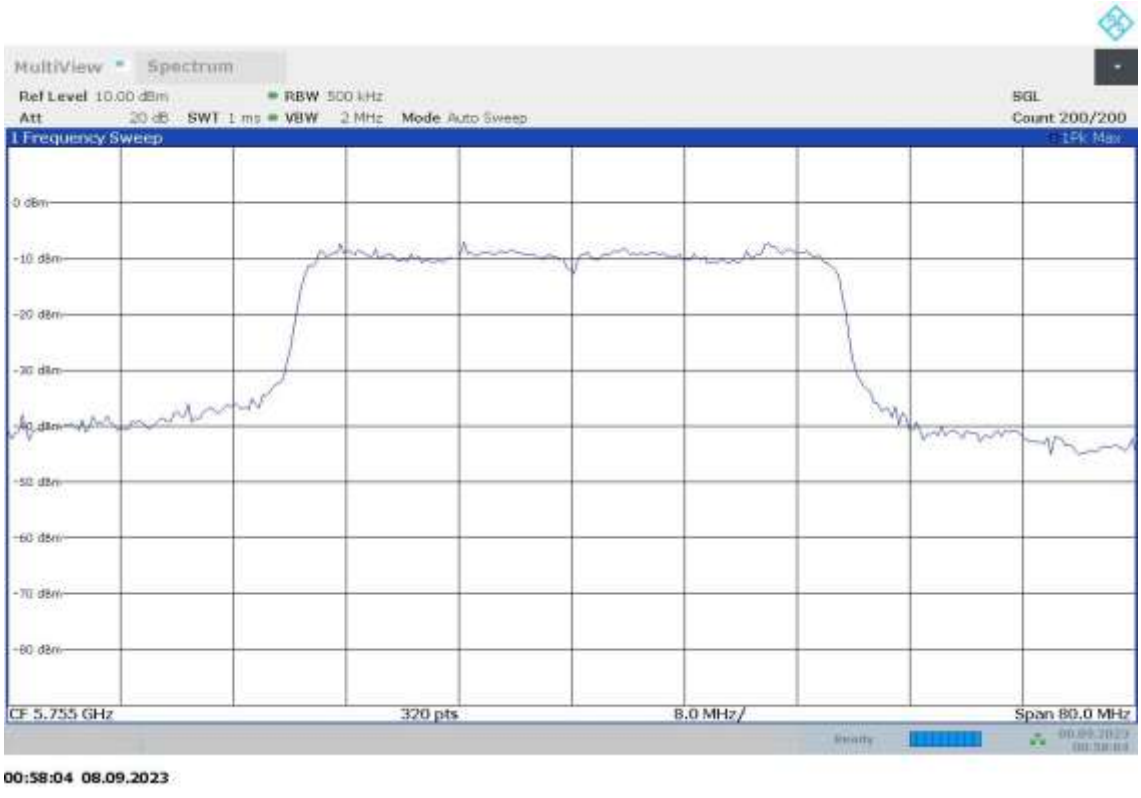
Operation Band MHz = [5150, 5850] Active Port = 1+2

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

MIMO Mode = MIMO CCD Mode 2x2

Images:



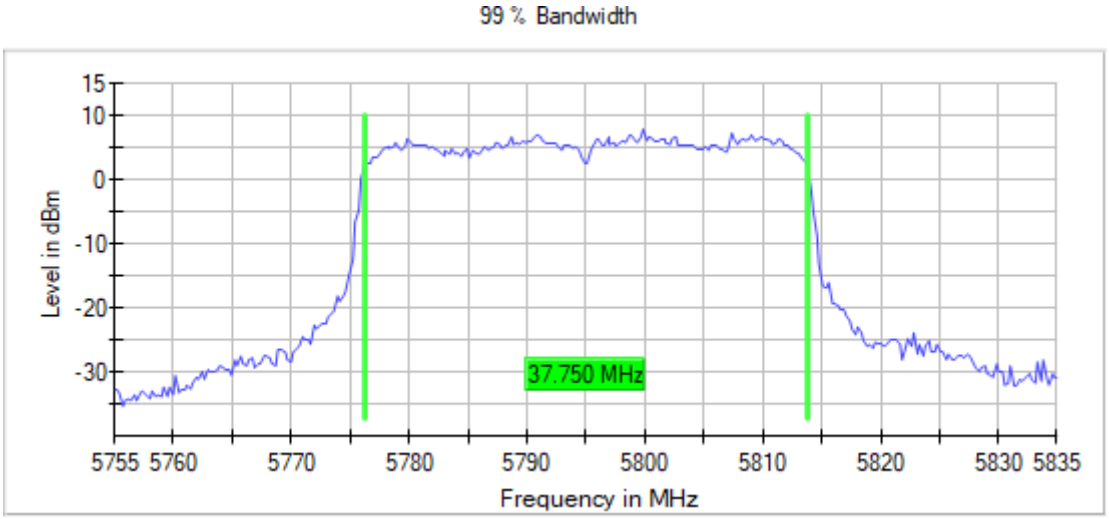


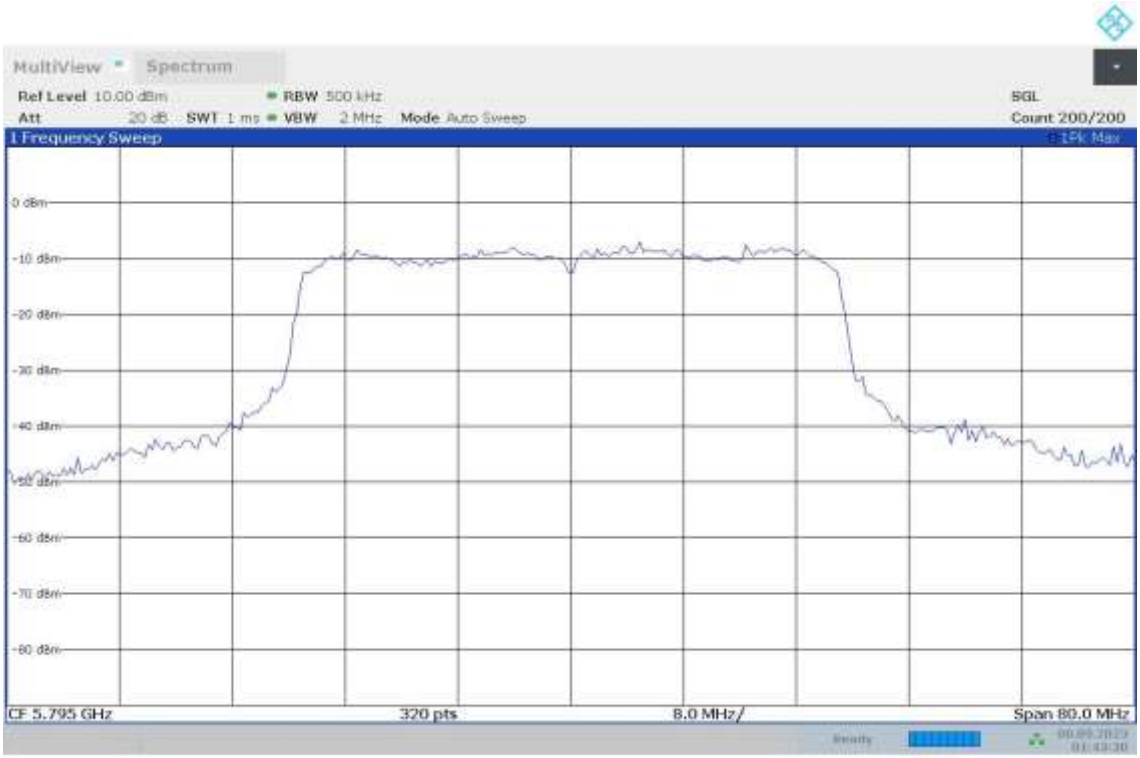
Operation Band MHz = [5150, 5850] Active Port = 1+2

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

MIMO Mode = MIMO CCD Mode 2x2

Images:





Modulation: 802.11ac VHT80 SS1 (OFDM MCS0)

MIMO Mode: MIMO CCD Mode 2x2

Results

Operation Band (MHz)	Port	Freq (MHz)	Occ Ch BW (MHz)
[5150, 5850]	1+2	5210.00000	76.500
		5775.00000	76.500

Verdict

Pass

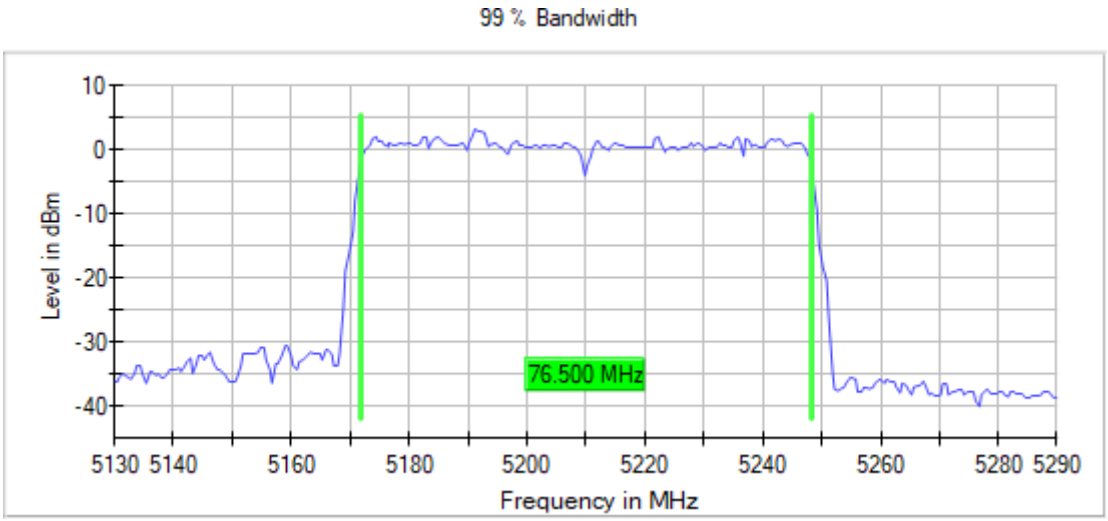
Attachments

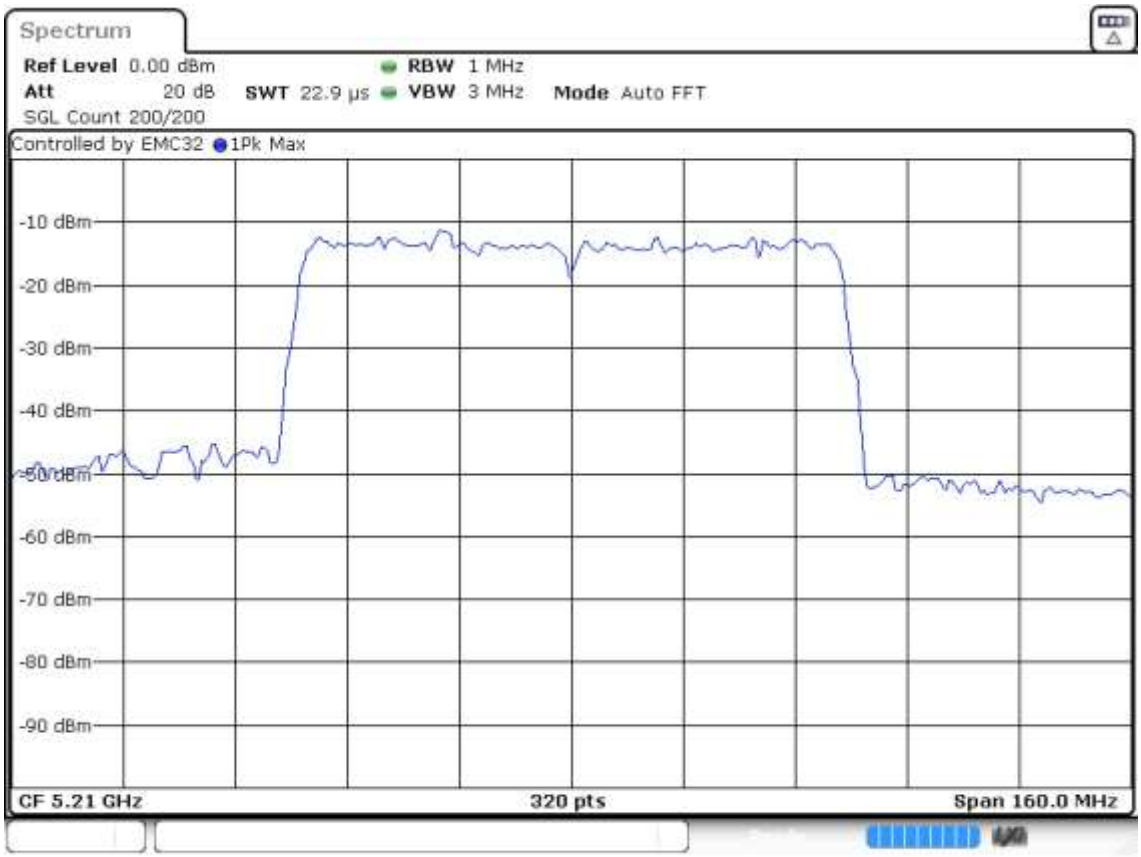
Operation Band MHz = [5150, 5850] Active Port = 1+2

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

MIMO Mode = MIMO CCD Mode 2x2

Images:





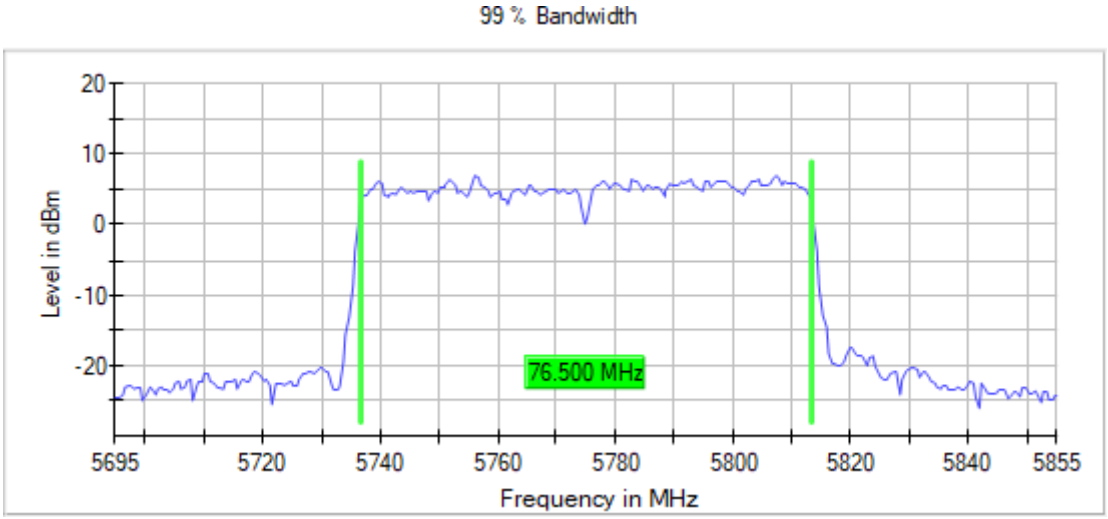
Date: 11.SEP.2023 12:58:49

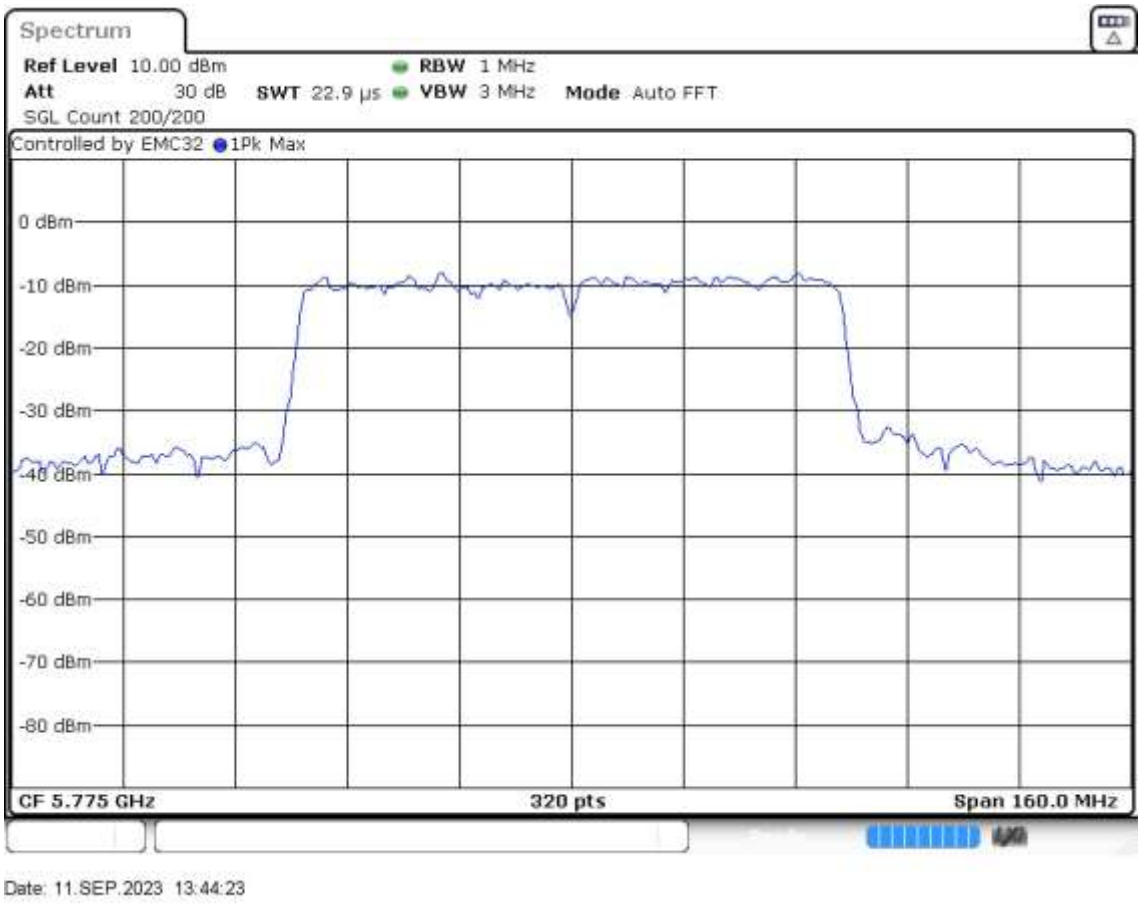
Operation Band MHz = [5150, 5850] Active Port = 1+2

Frequency MHz = 5775.00000 Modulation = 802.11ac VHT80 SS1 (OFDM MCS0)

MIMO Mode = MIMO CCD Mode 2x2

Images:





Date: 11.SEP.2023 13:44:23

Modulation: 802.11ax HE80 SS1 (OFDMA MCS0)

MIMO Mode: MIMO CCD Mode 2x2

Results

Operation Band (MHz)	Port	Freq (MHz)	Occ Ch BW (MHz)
[5150, 5850]	1+2	5210.00000	78.000
		5775.00000	77.500

Verdict

Pass

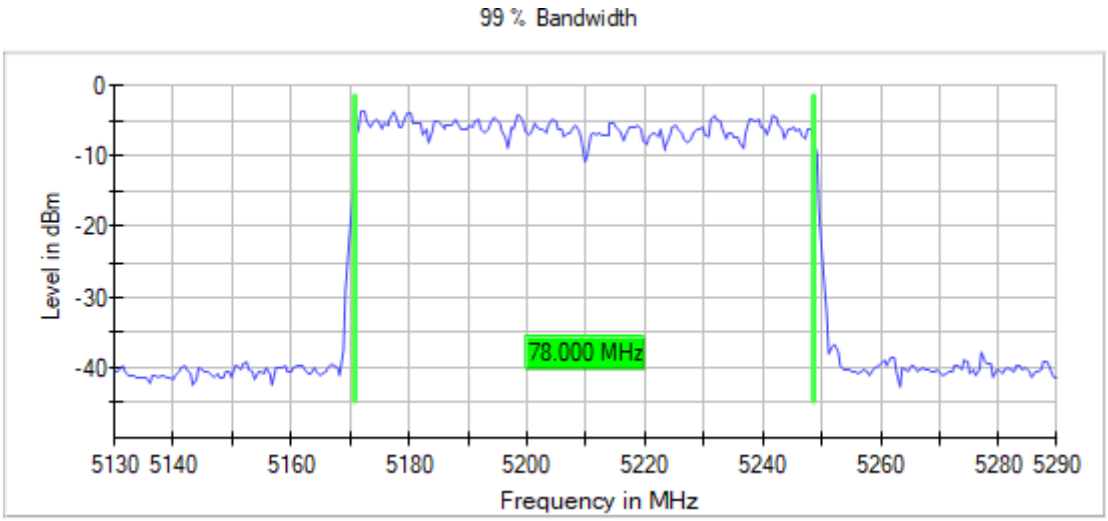
Attachments

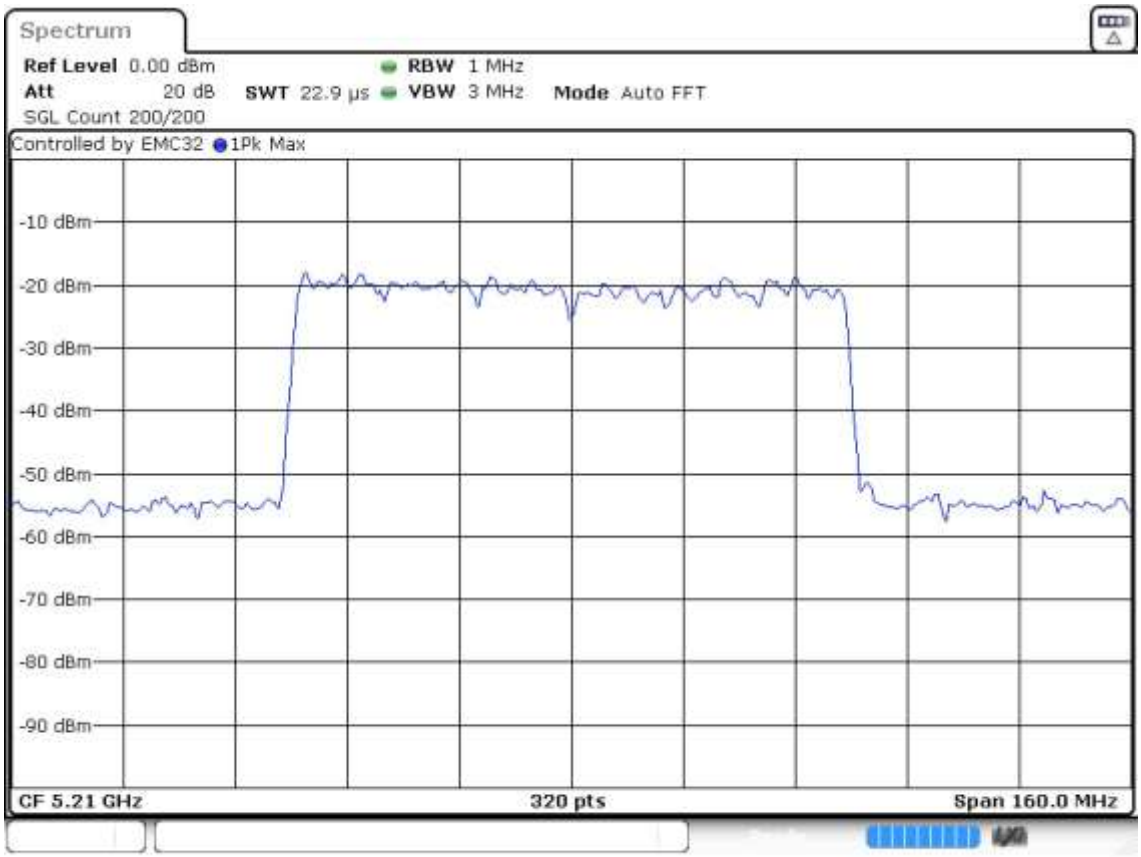
Operation Band MHz = [5150, 5850] Active Port = 1+2

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

MIMO Mode = MIMO CCD Mode 2x2

Images:





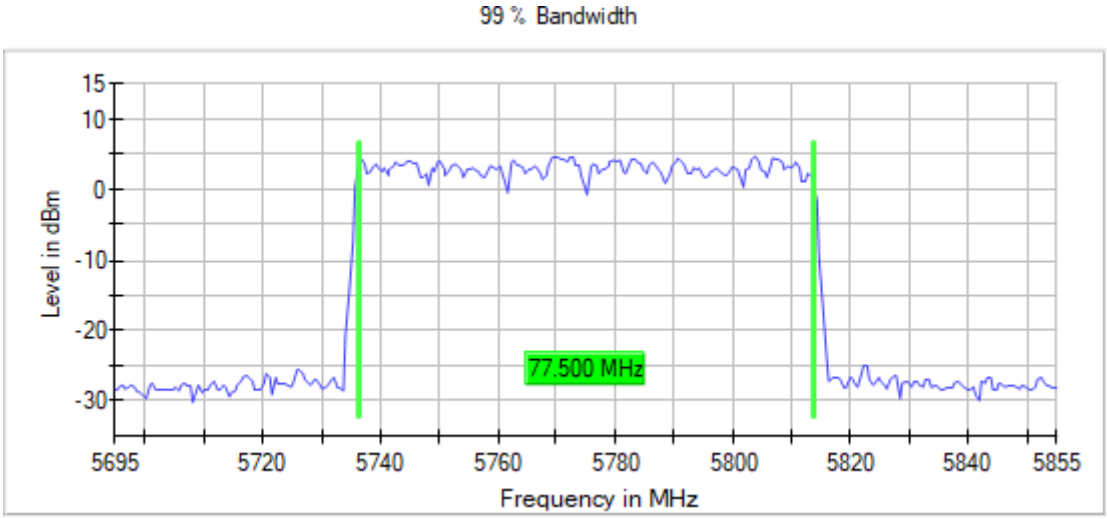
Date: 8.SEP.2023 12:45:48

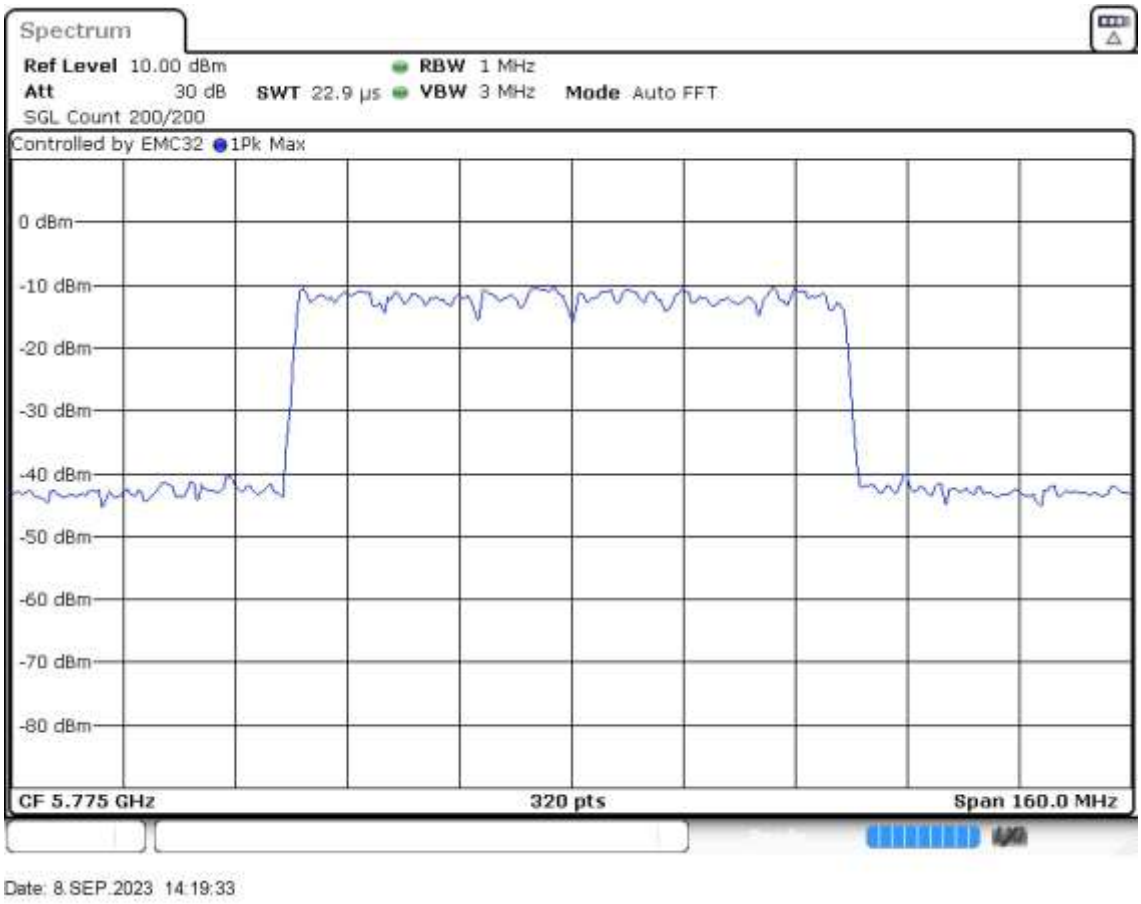
Operation Band MHz = [5150, 5850] Active Port = 1+2

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

MIMO Mode = MIMO CCD Mode 2x2

Images:





Date: 8.SEP.2023 14:19:33

Modulation: 802.11n HT20 (OFDM MCS0)

MIMO Mode: MIMO CCD Mode 2x2

Results

Operation Band (MHz)	Port	Freq (MHz)	Occ Ch BW (MHz)
[5150, 5850]	1+2	5180.00000	17.700
		5200.00000	17.700
		5240.00000	17.700
		5745.00000	17.700
		5785.00000	17.700
		5825.00000	17.700

Verdict

Pass

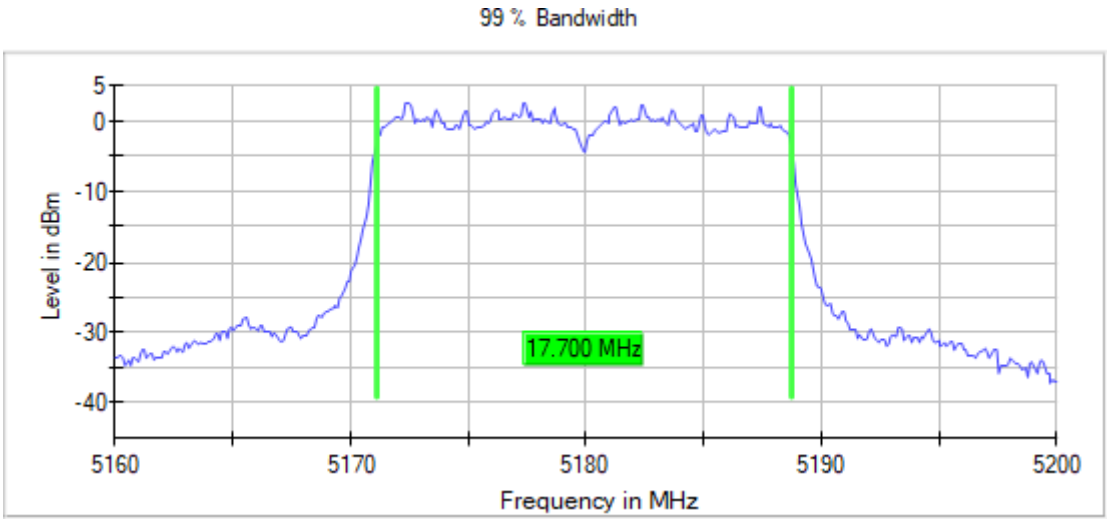
Attachments

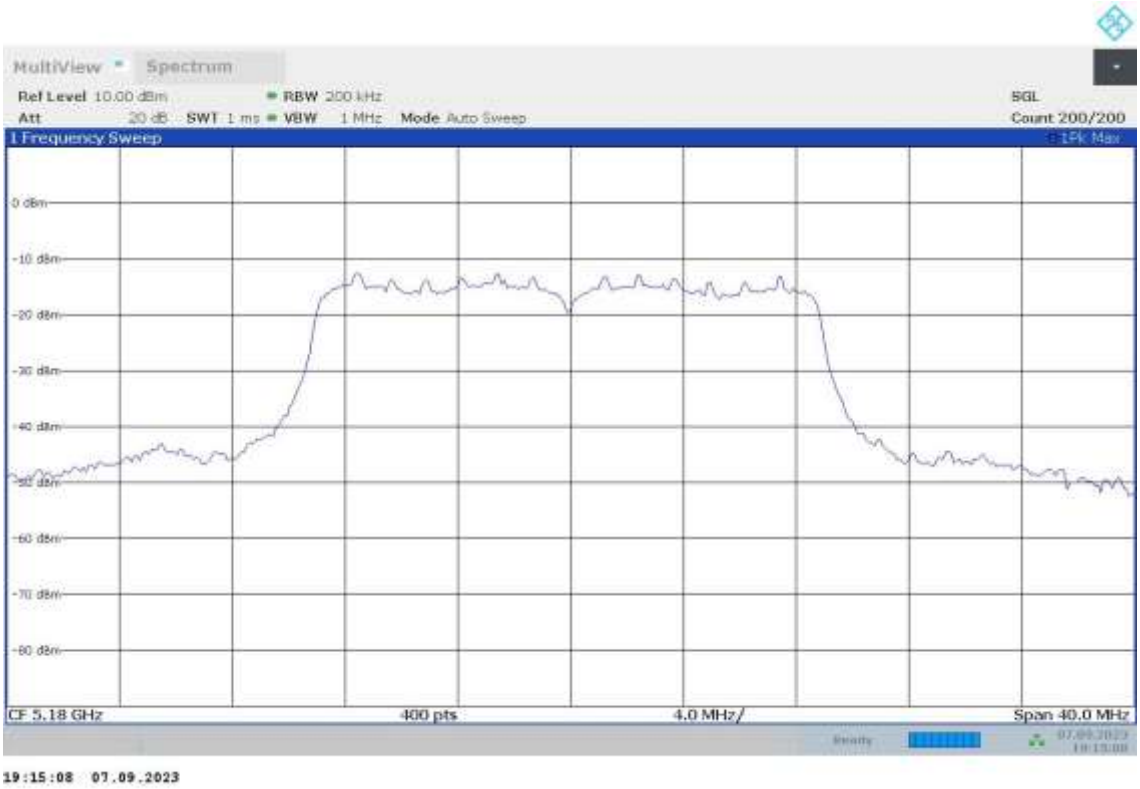
Operation Band MHz = [5150, 5850] Active Port = 1+2

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

MIMO Mode = MIMO CCD Mode 2x2

Images:



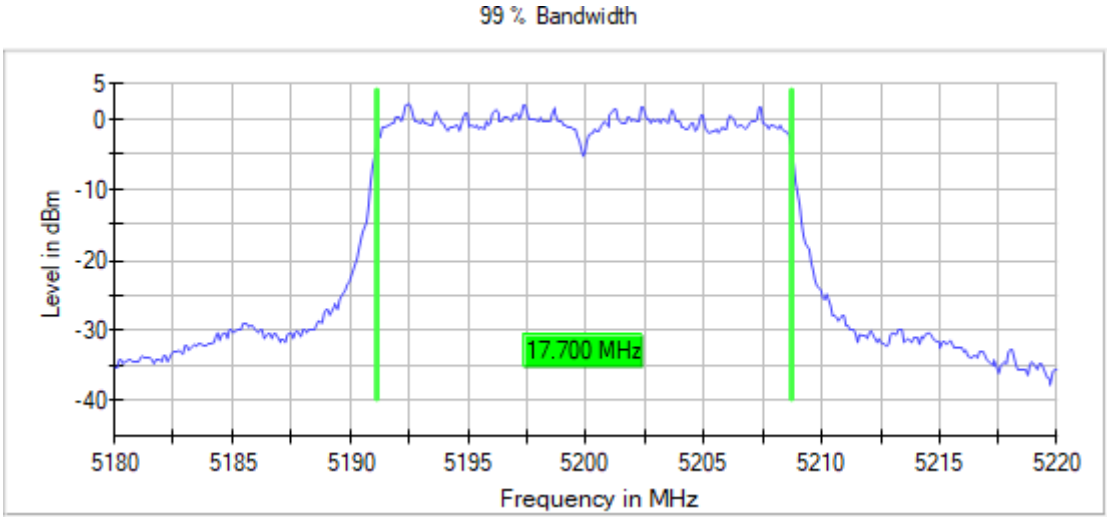


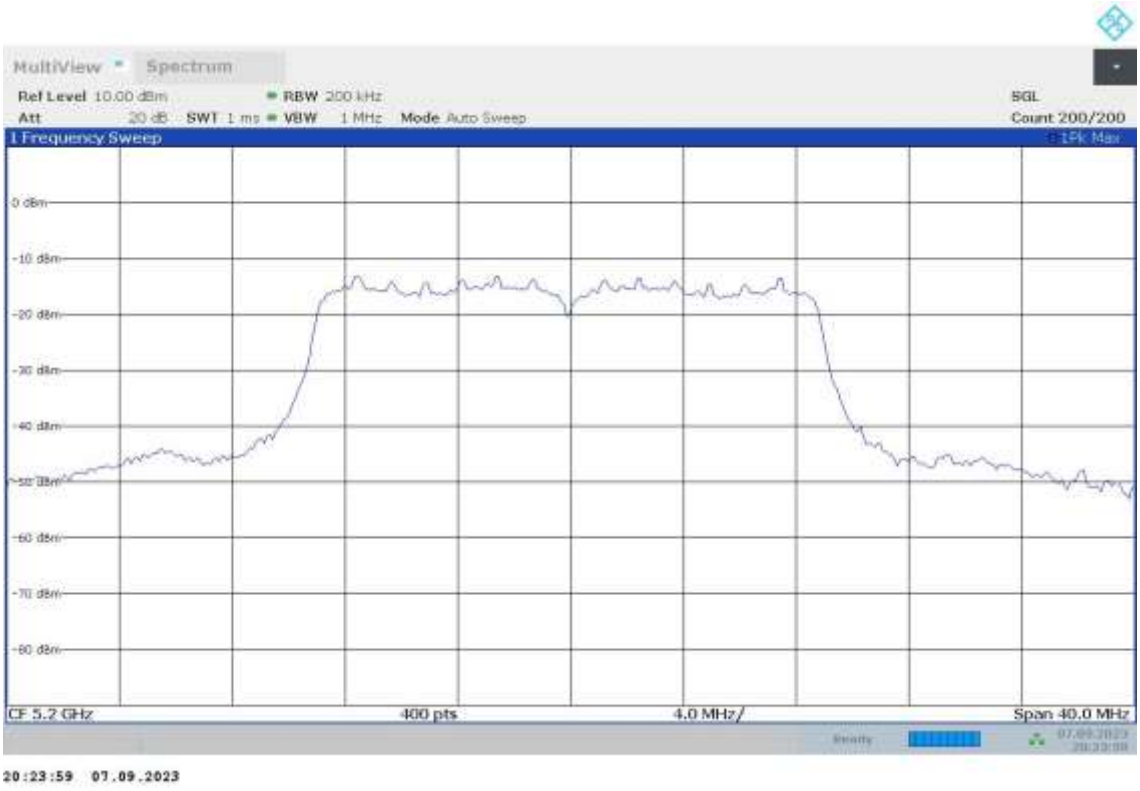
Operation Band MHz = [5150, 5850] Active Port = 1+2

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

MIMO Mode = MIMO CCD Mode 2x2

Images:



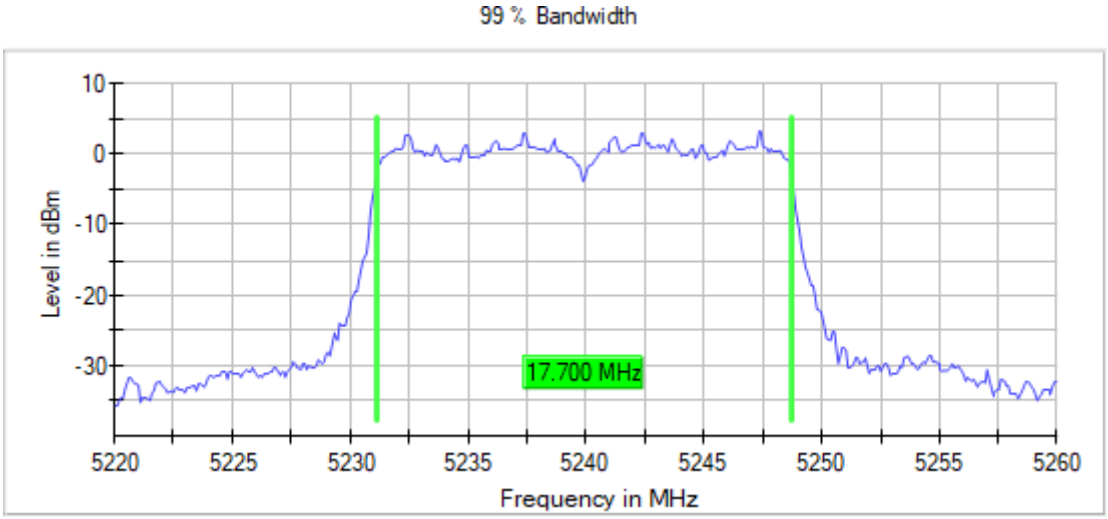


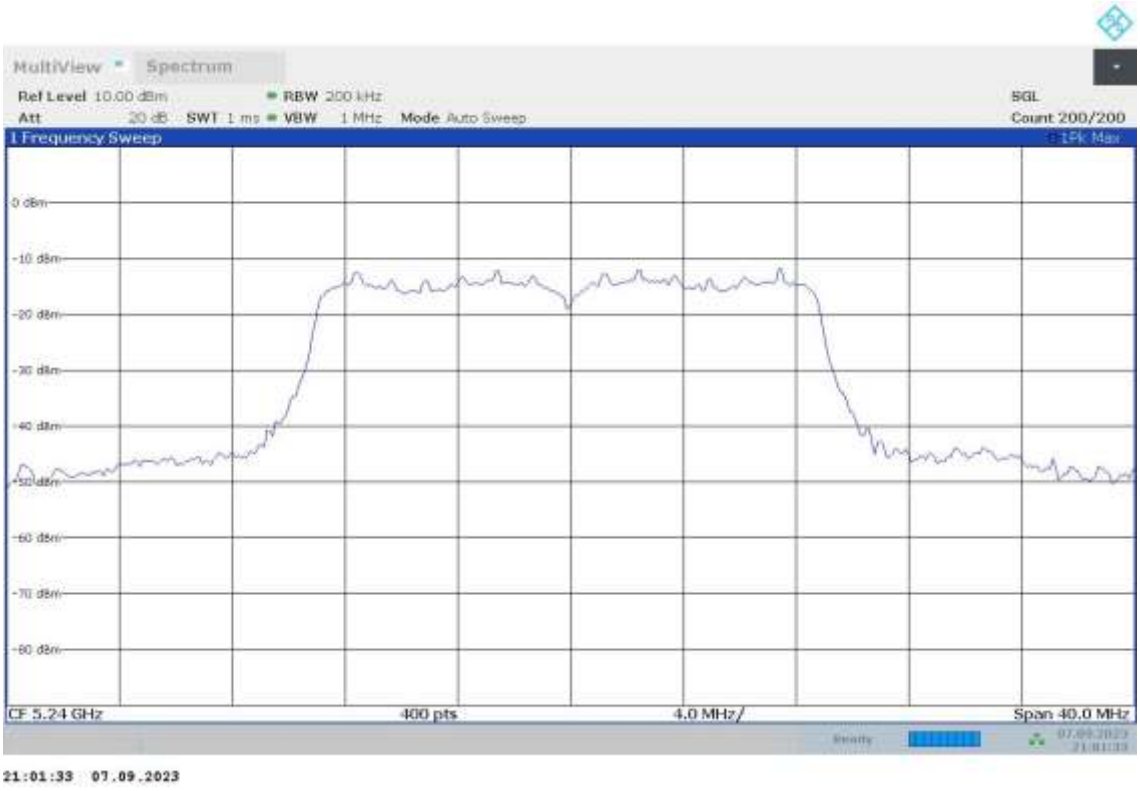
Operation Band MHz = [5150, 5850] Active Port = 1+2

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

MIMO Mode = MIMO CCD Mode 2x2

Images:



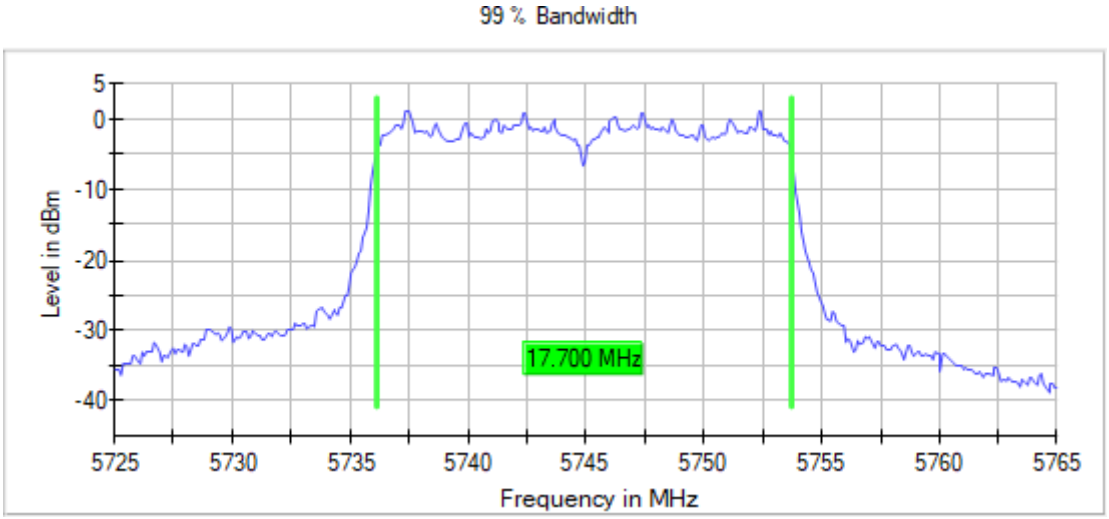


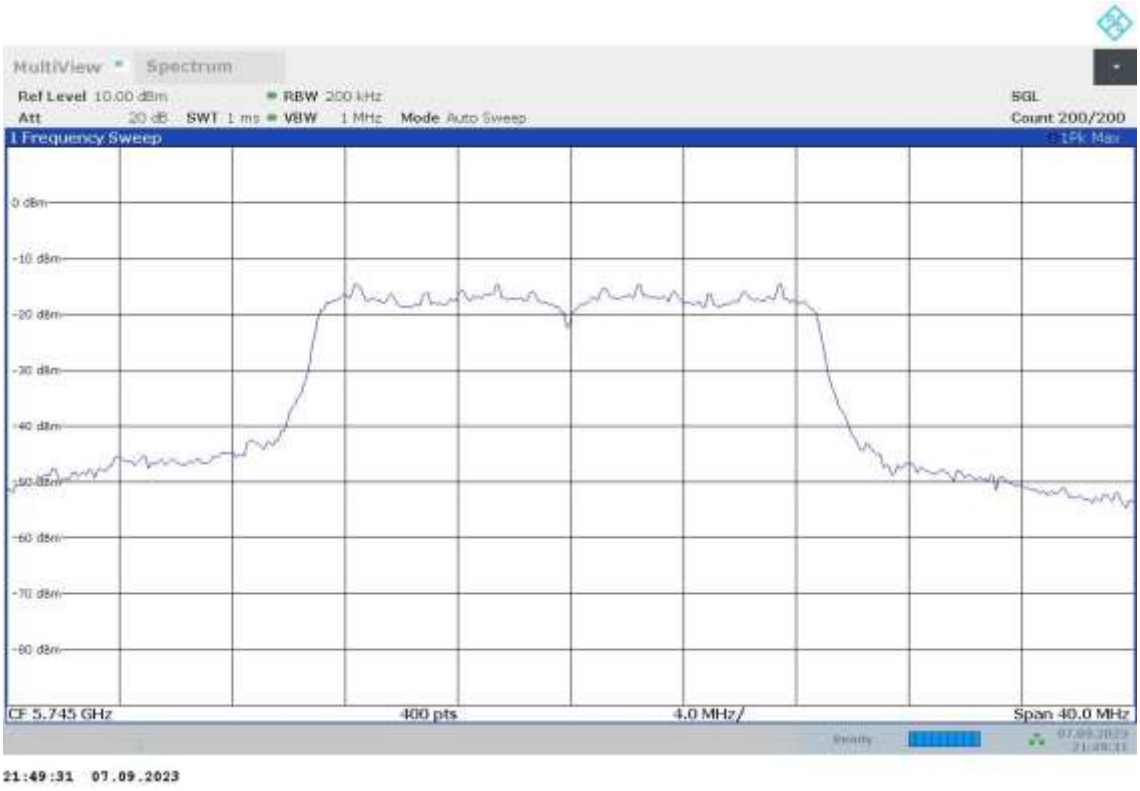
Operation Band MHz = [5150, 5850] Active Port = 1+2

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

MIMO Mode = MIMO CCD Mode 2x2

Images:



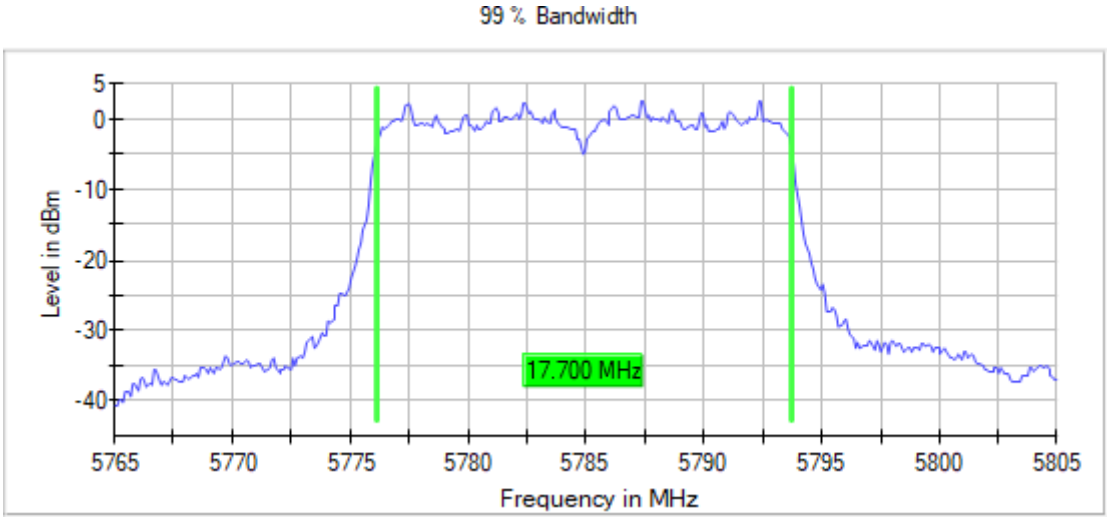


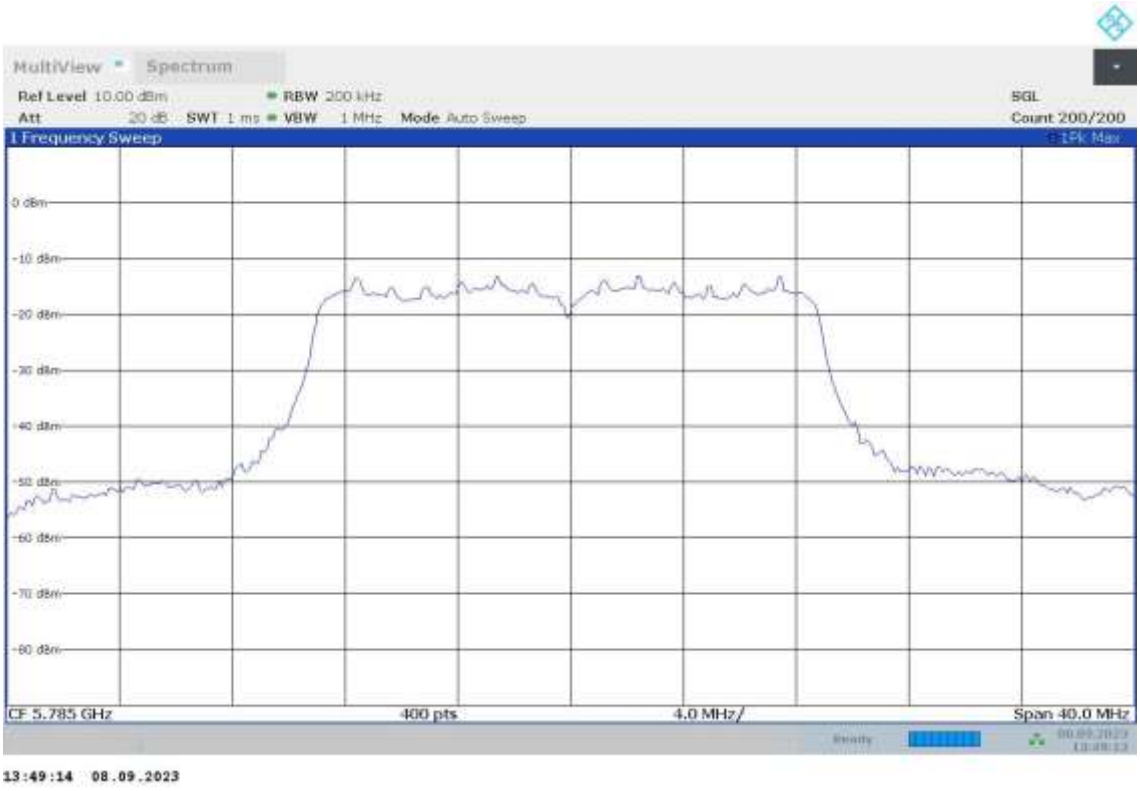
Operation Band MHz = [5150, 5850] Active Port = 1+2

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

MIMO Mode = MIMO CCD Mode 2x2

Images:



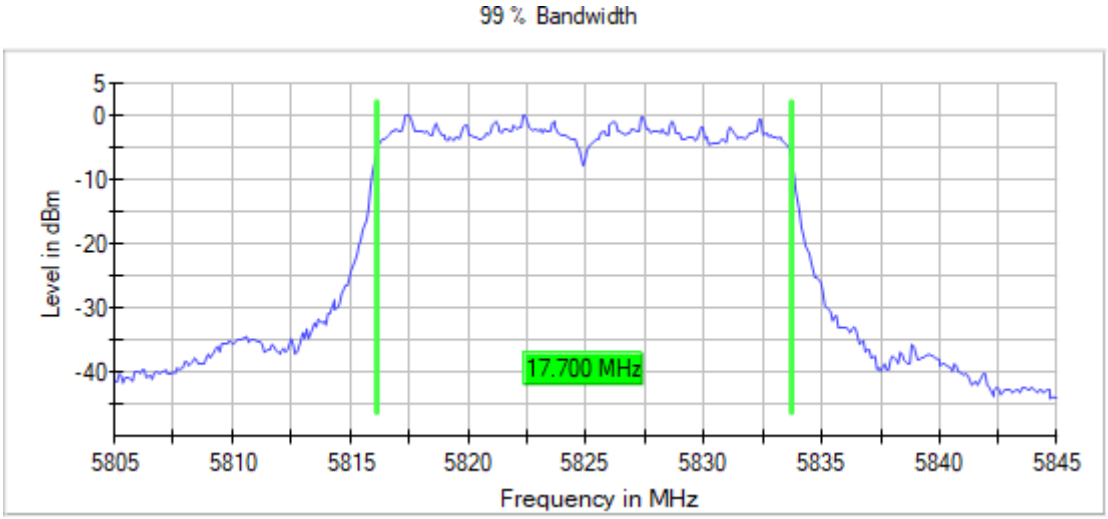


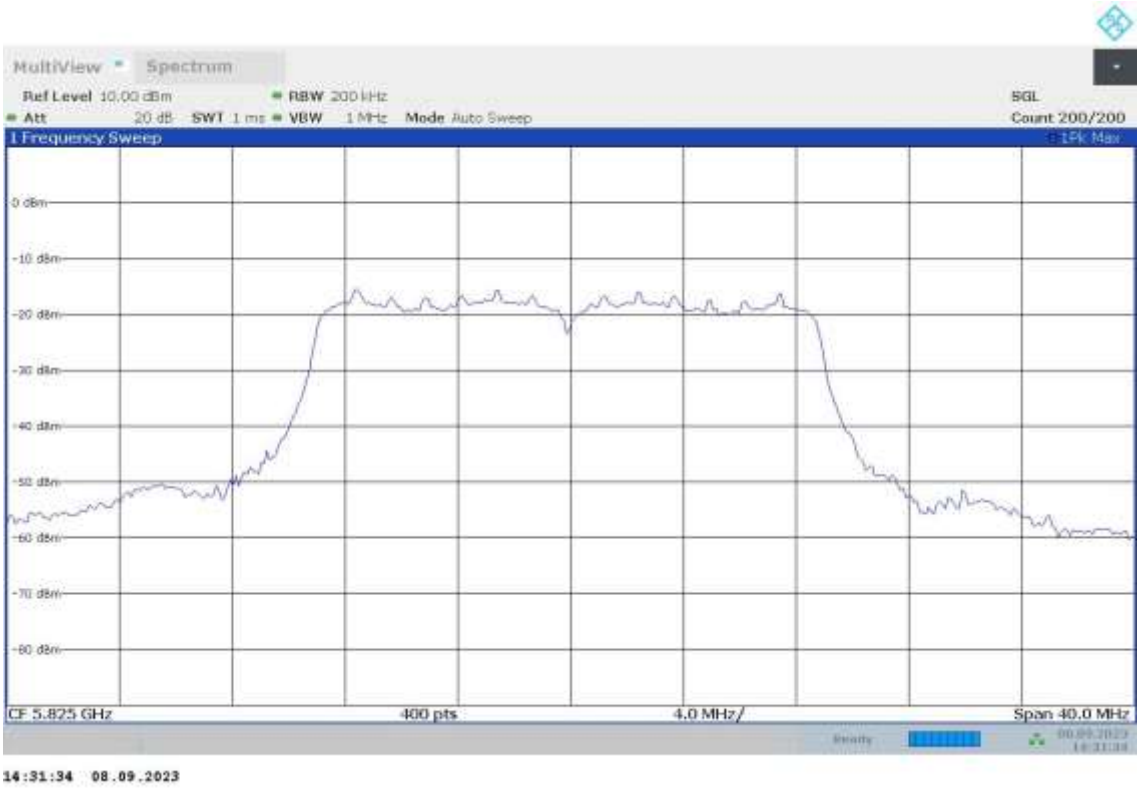
Operation Band MHz = [5150, 5850] Active Port = 1+2

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

MIMO Mode = MIMO CCD Mode 2x2

Images:





Modulation: 802.11n HT40 (OFDM MCS0)

MIMO Mode: MIMO CCD Mode 2x2

Results

Operation Band (MHz)	Port	Freq (MHz)	Occ Ch BW (MHz)
[5150, 5850]	1+2	5190.00000	36.250
		5230.00000	36.500
		5755.00000	36.500
		5795.00000	36.250

Verdict

Pass

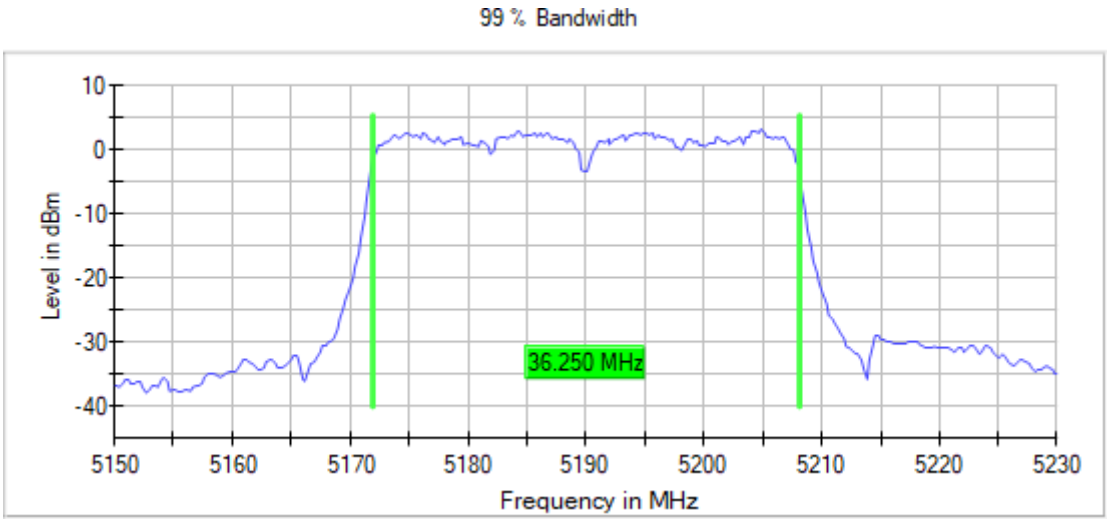
Attachments

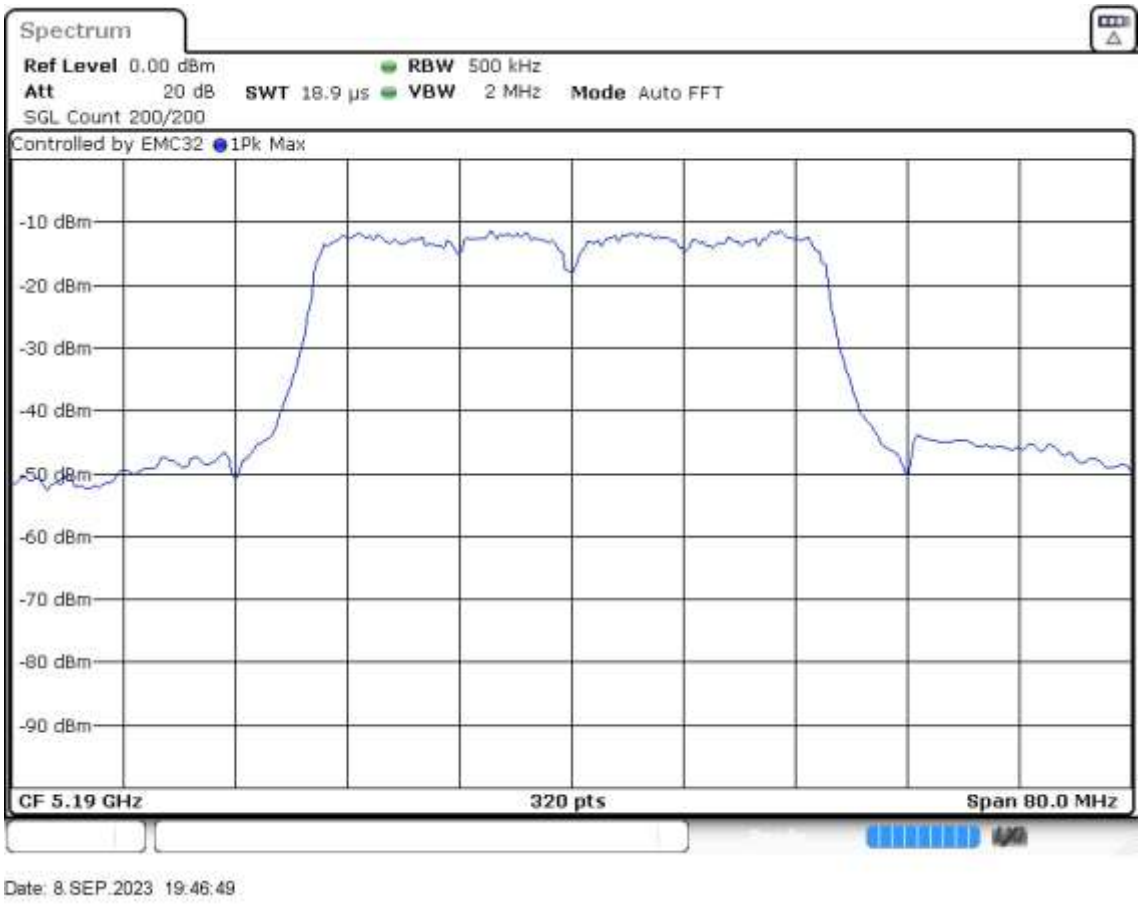
Operation Band MHz = [5150, 5850] Active Port = 1+2

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

MIMO Mode = MIMO CCD Mode 2x2

Images:





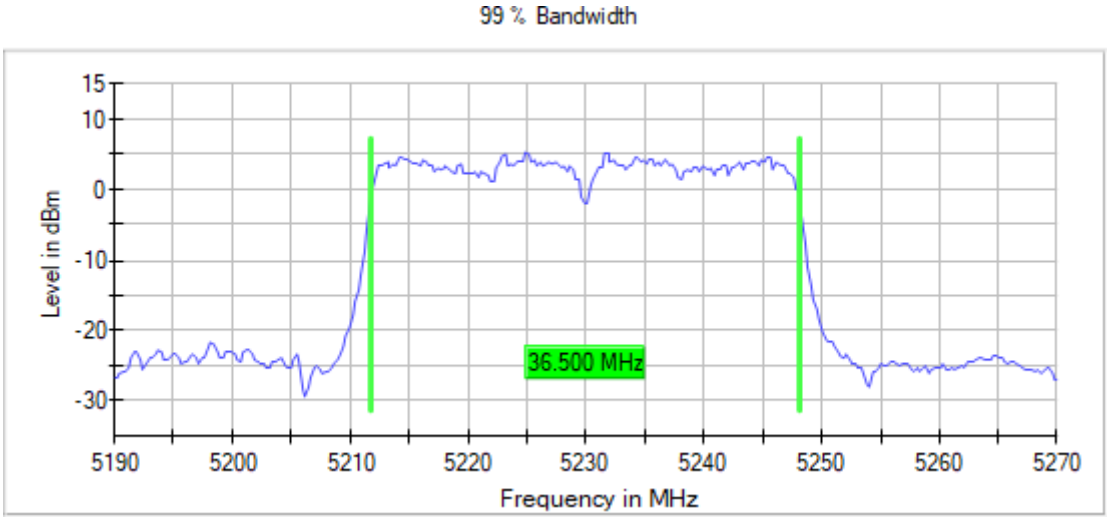
Date: 8.SEP.2023 19:46:49

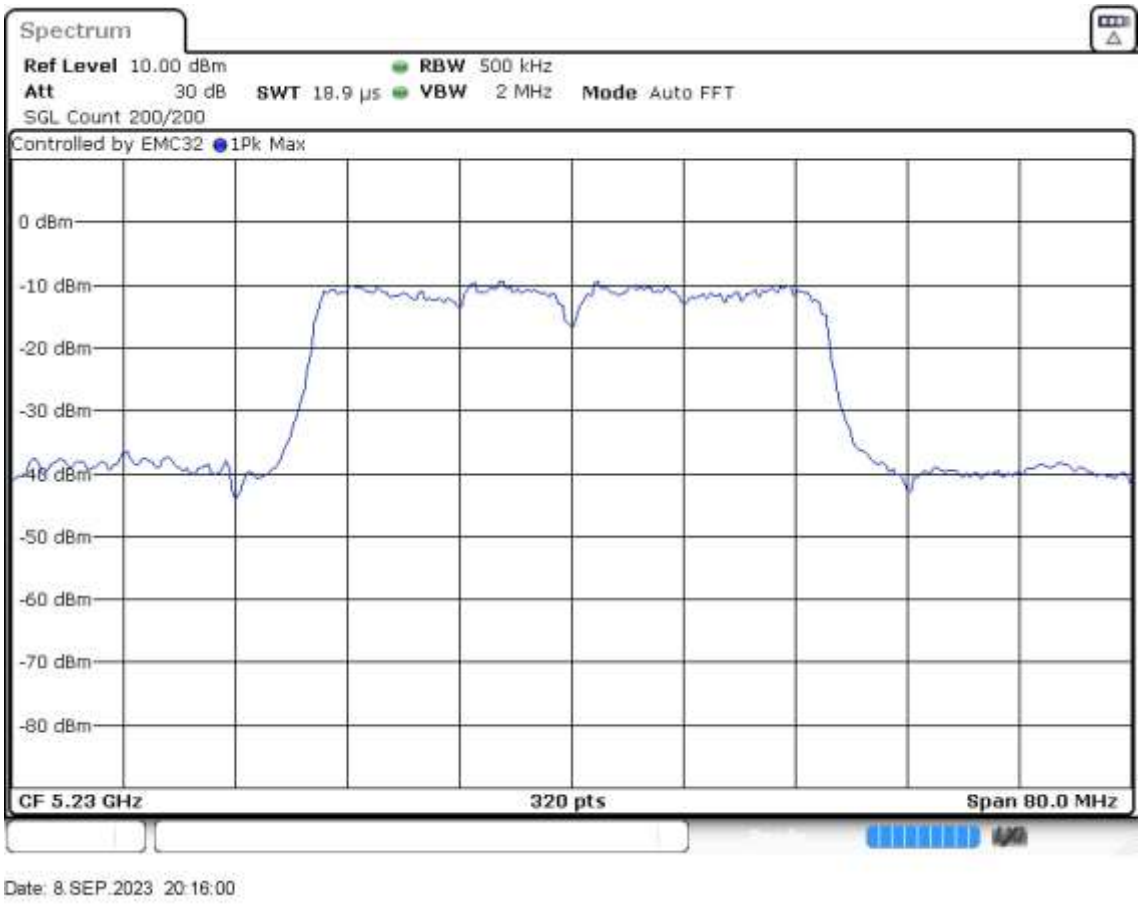
Operation Band MHz = [5150, 5850] Active Port = 1+2

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

MIMO Mode = MIMO CCD Mode 2x2

Images:





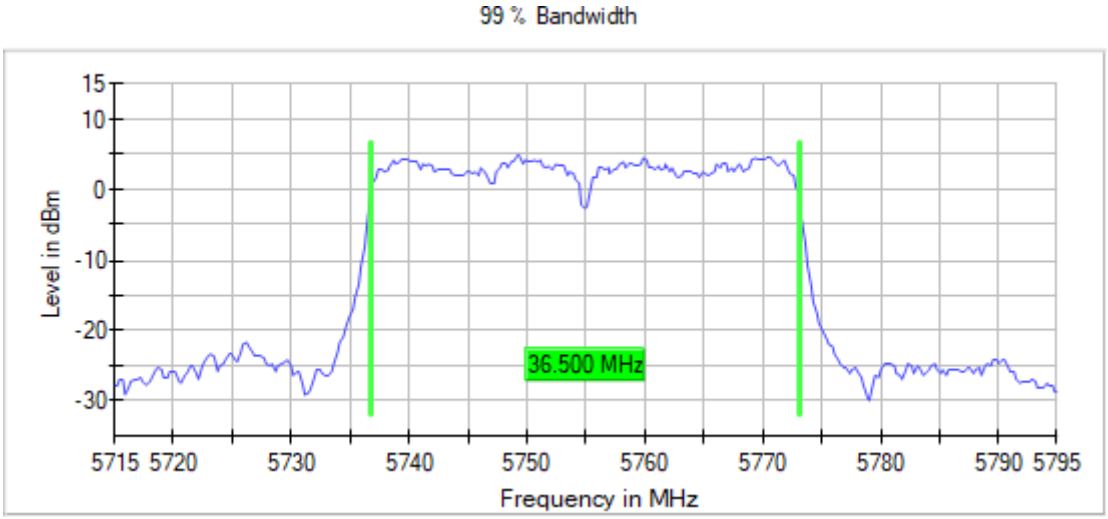
Date: 8.SEP.2023 20:16:00

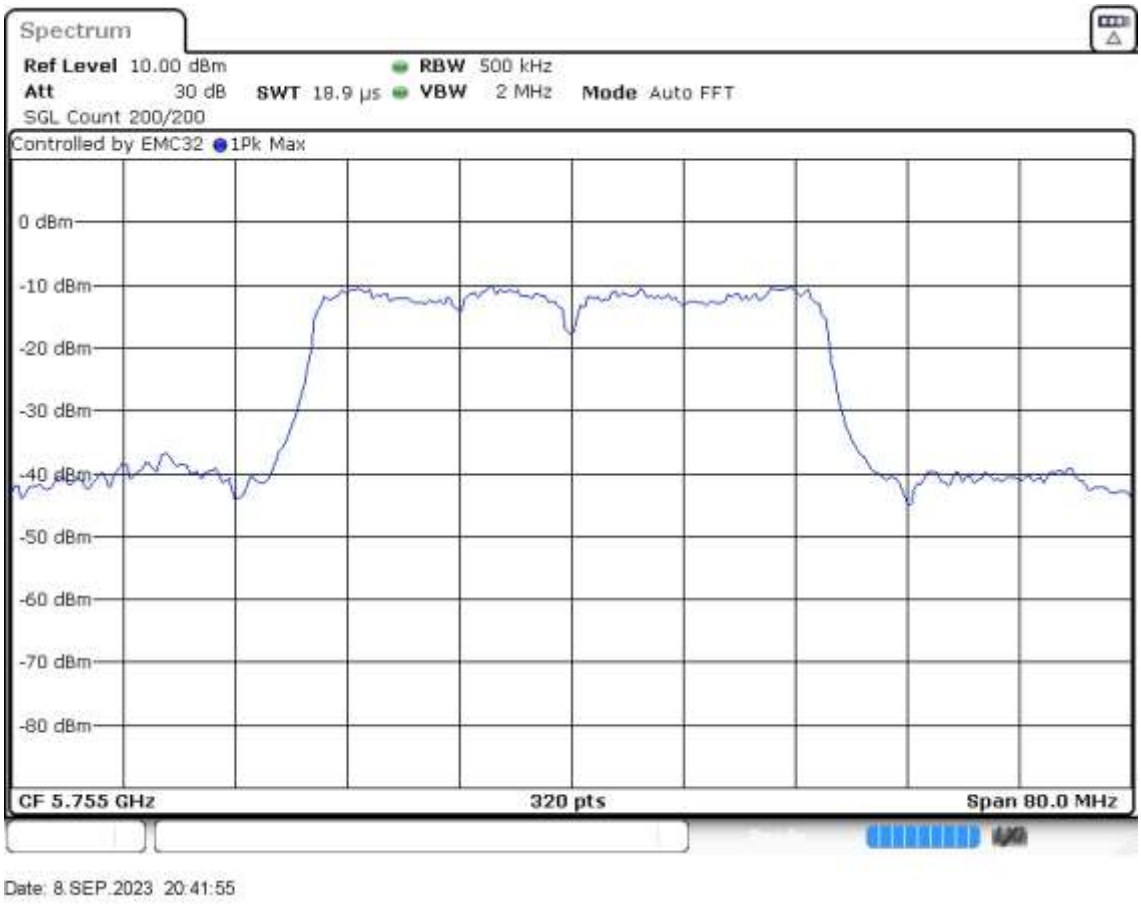
Operation Band MHz = [5150, 5850] Active Port = 1+2

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

MIMO Mode = MIMO CCD Mode 2x2

Images:





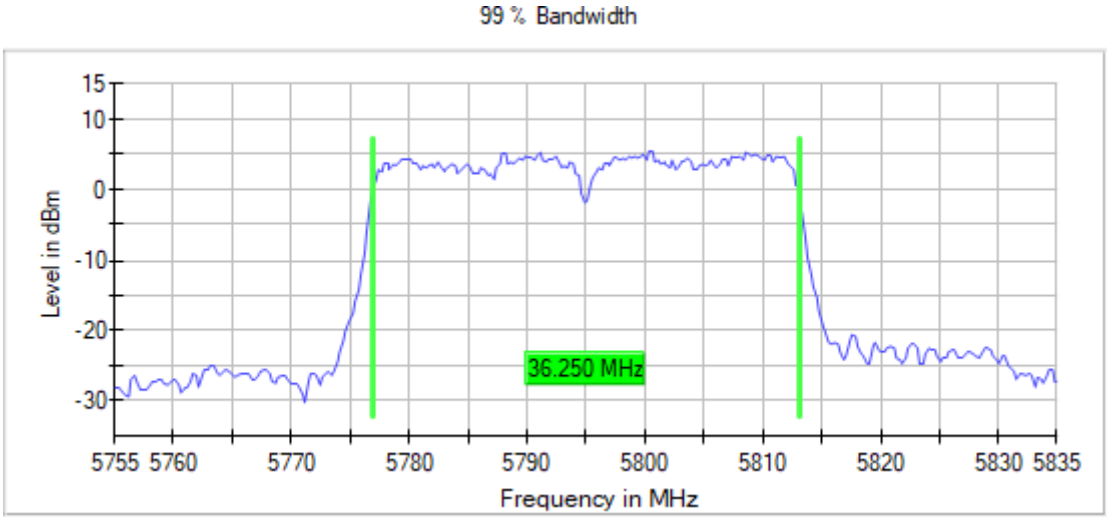
Date: 8.SEP.2023 20:41:55

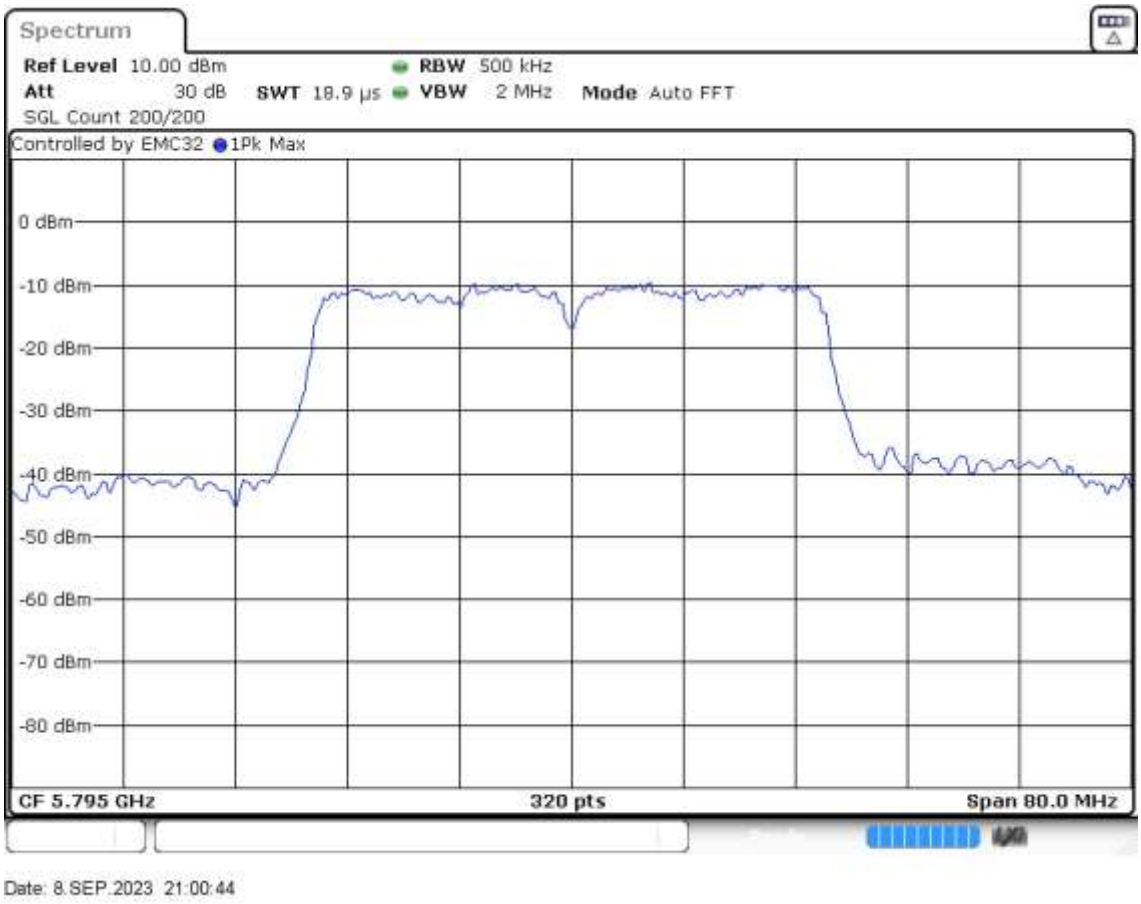
Operation Band MHz = [5150, 5850] Active Port = 1+2

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

MIMO Mode = MIMO CCD Mode 2x2

Images:





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: MIMO CCD Mode 2x2

Results

Operation Band (MHz)	Port	Freq (MHz)	Ebw (MHz)
[5150, 5850]	1+2	5180.00000	20.200
		5200.00000	20.100
		5240.00000	20.200
		5745.00000	20.300
		5785.00000	20.000
		5825.00000	20.000

Verdict

Pass

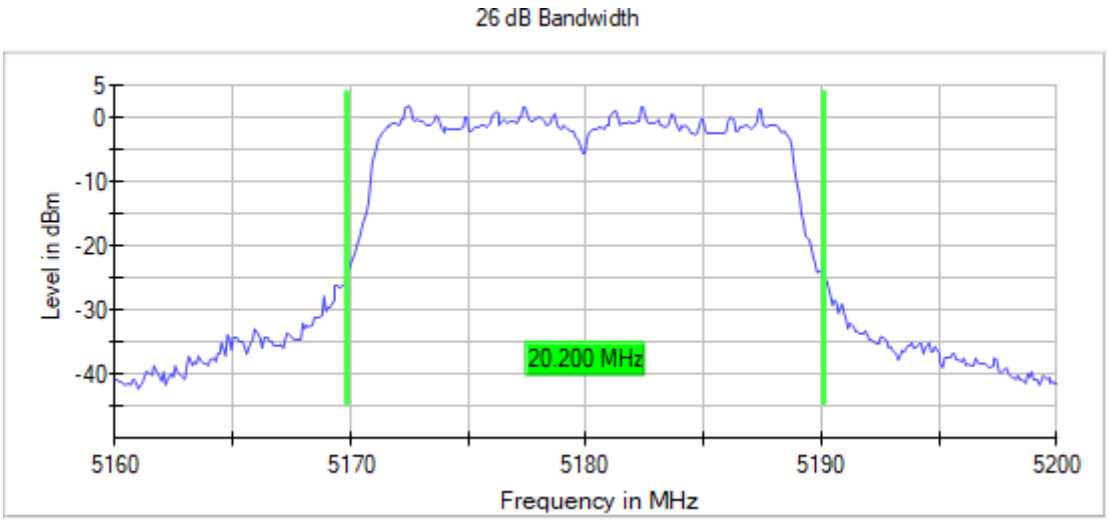
Attachments

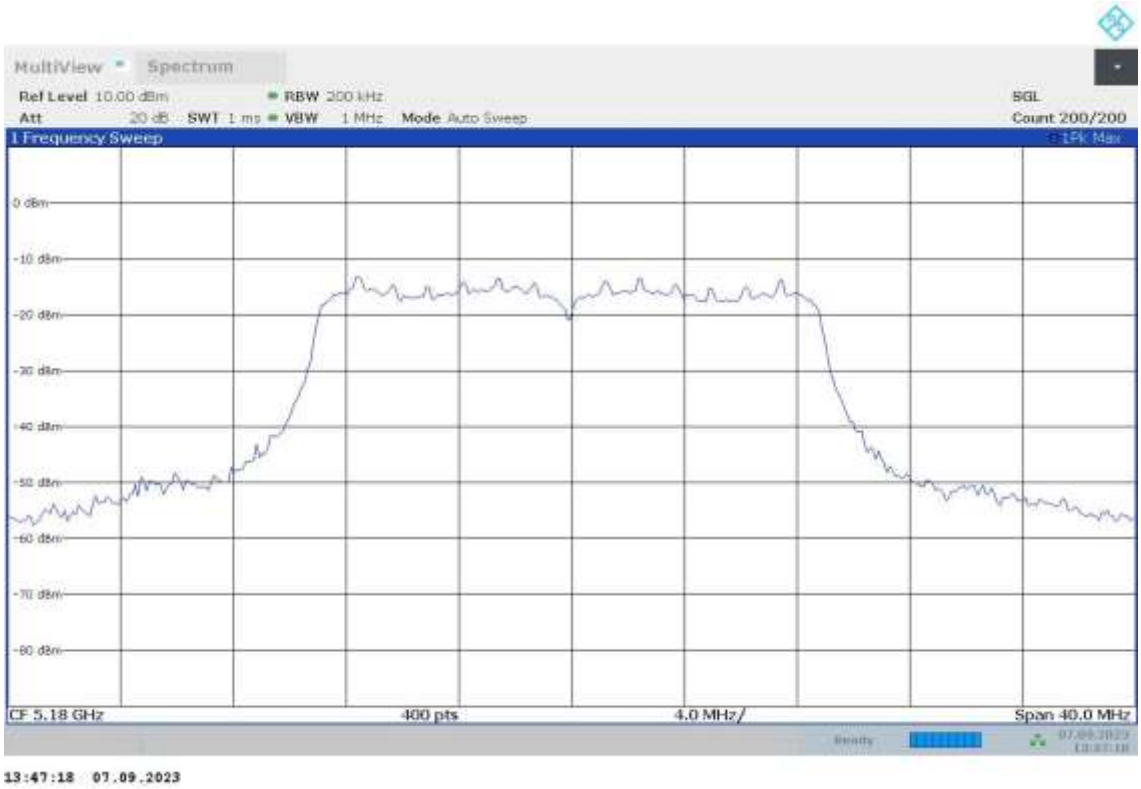
Operation Band MHz = [5150, 5850] Active Port = 1+2

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

MIMO Mode = MIMO CCD Mode 2x2

Images:



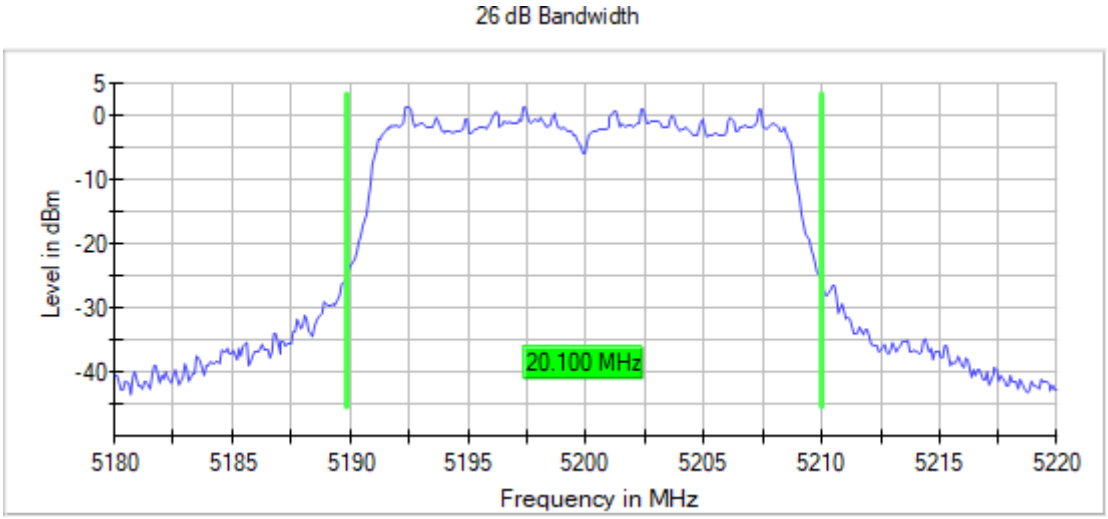


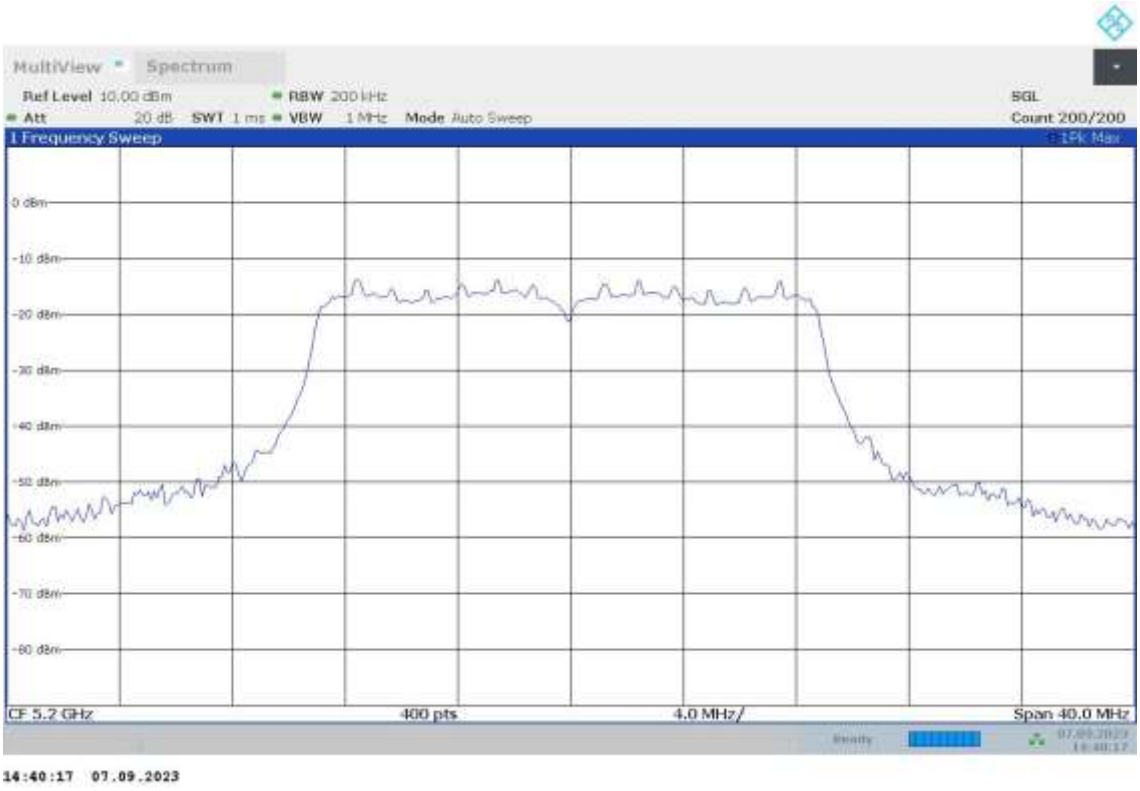
Operation Band MHz = [5150, 5850] Active Port = 1+2

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

MIMO Mode = MIMO CCD Mode 2x2

Images:



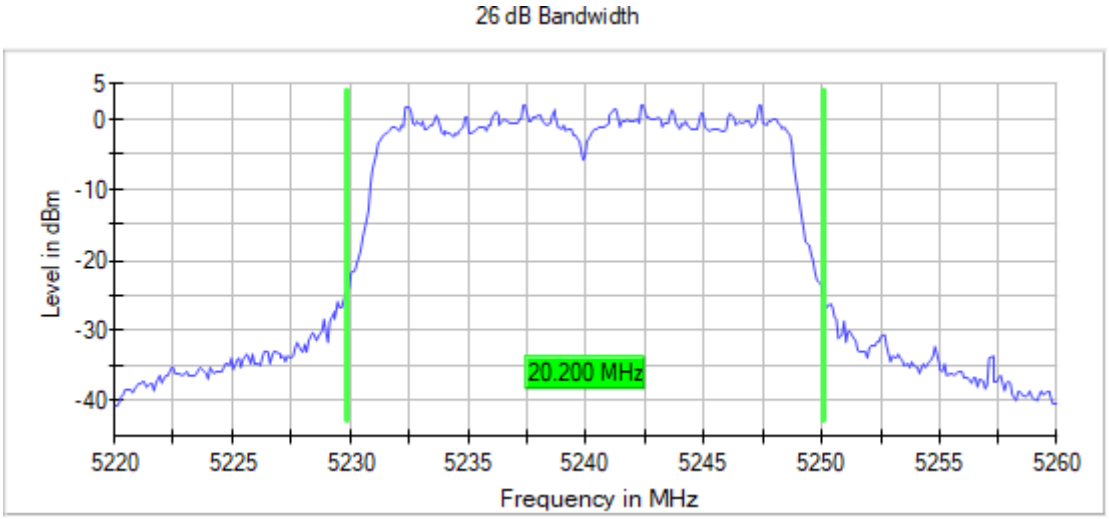


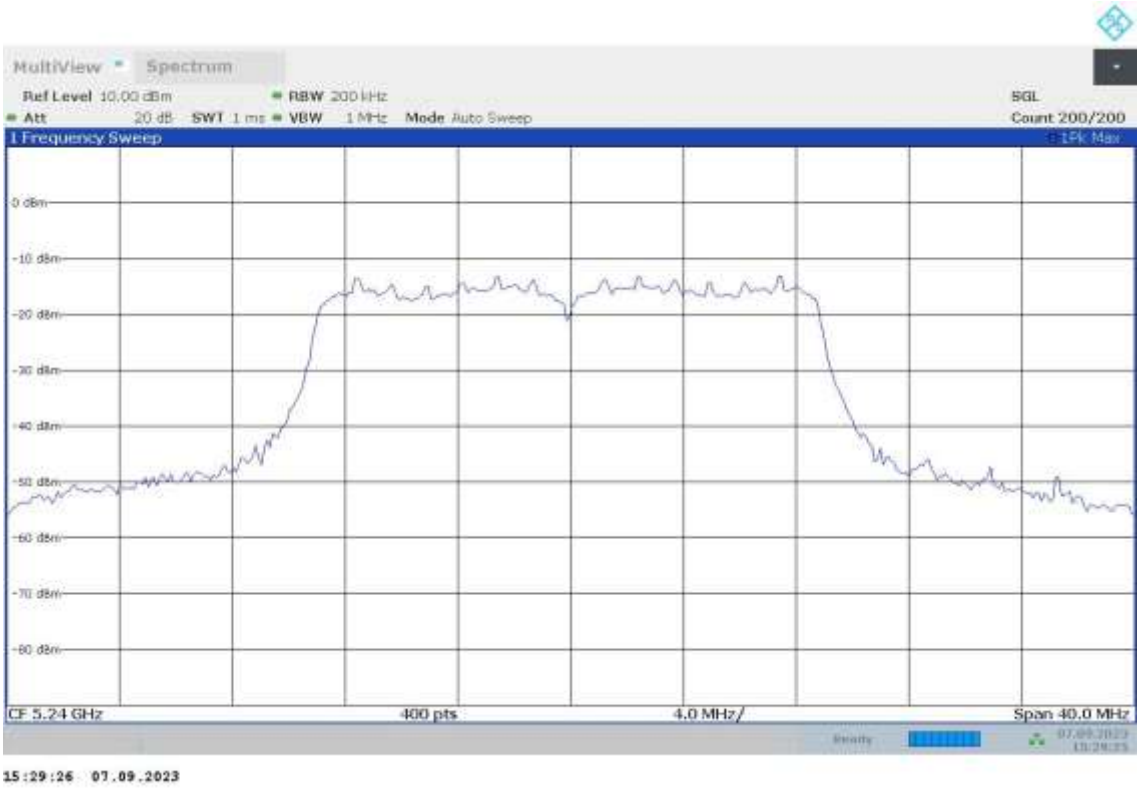
Operation Band MHz = [5150, 5850] Active Port = 1+2

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

MIMO Mode = MIMO CCD Mode 2x2

Images:



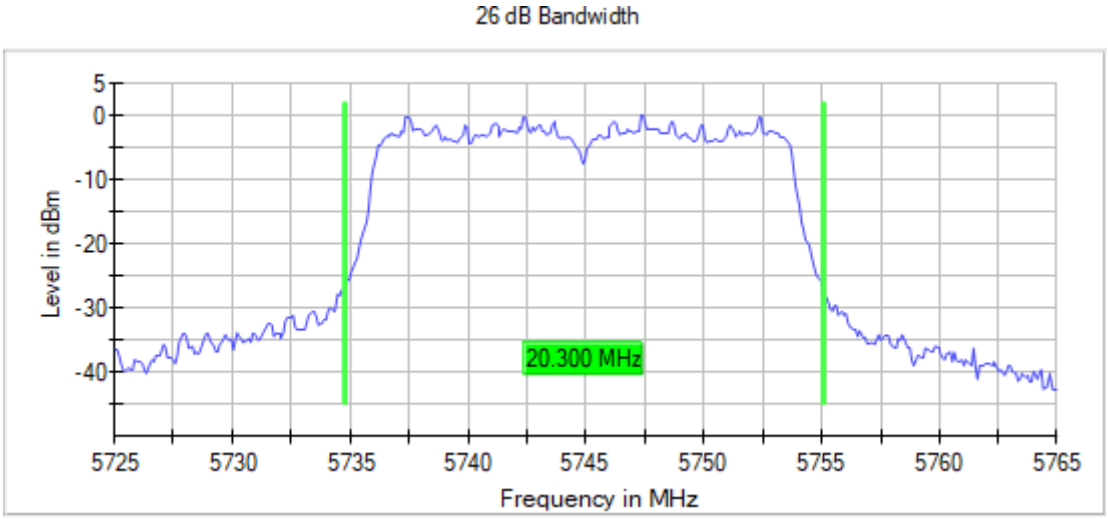


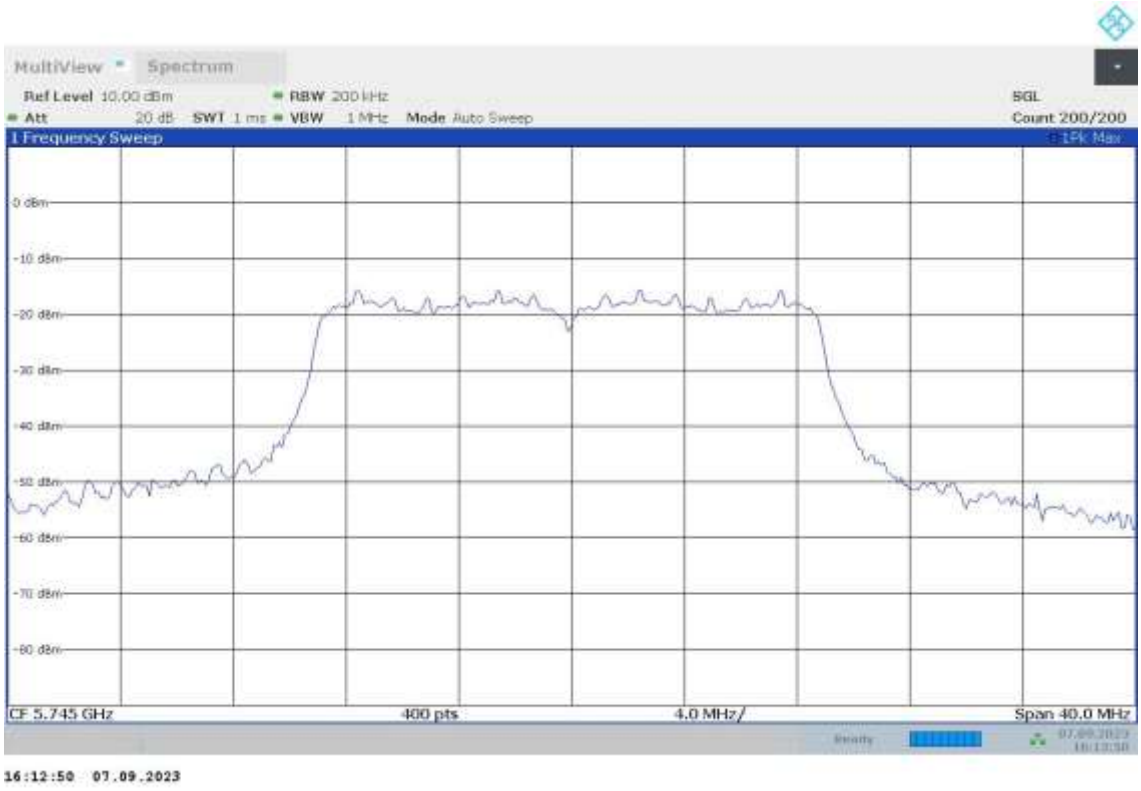
Operation Band MHz = [5150, 5850] Active Port = 1+2

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

MIMO Mode = MIMO CCD Mode 2x2

Images:



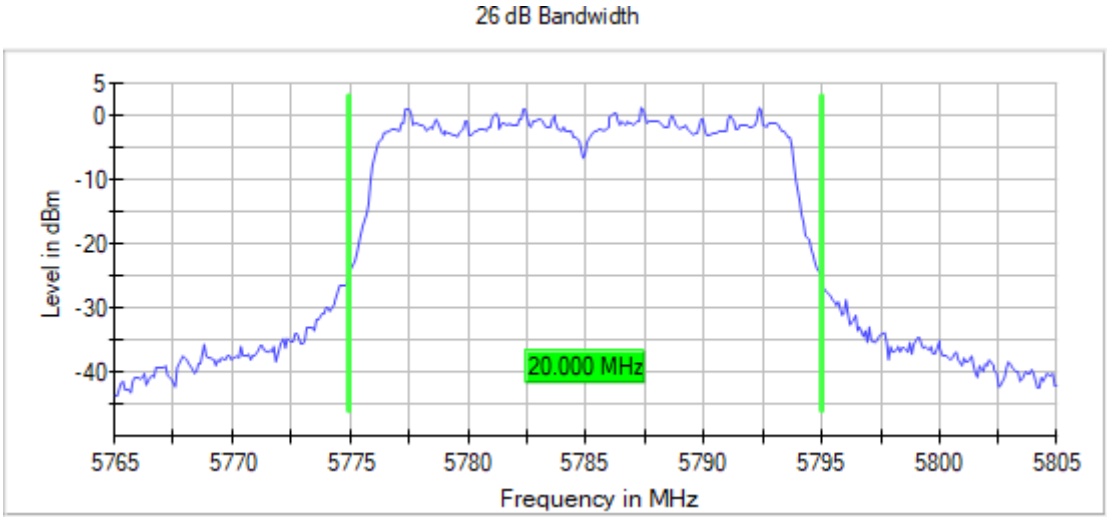


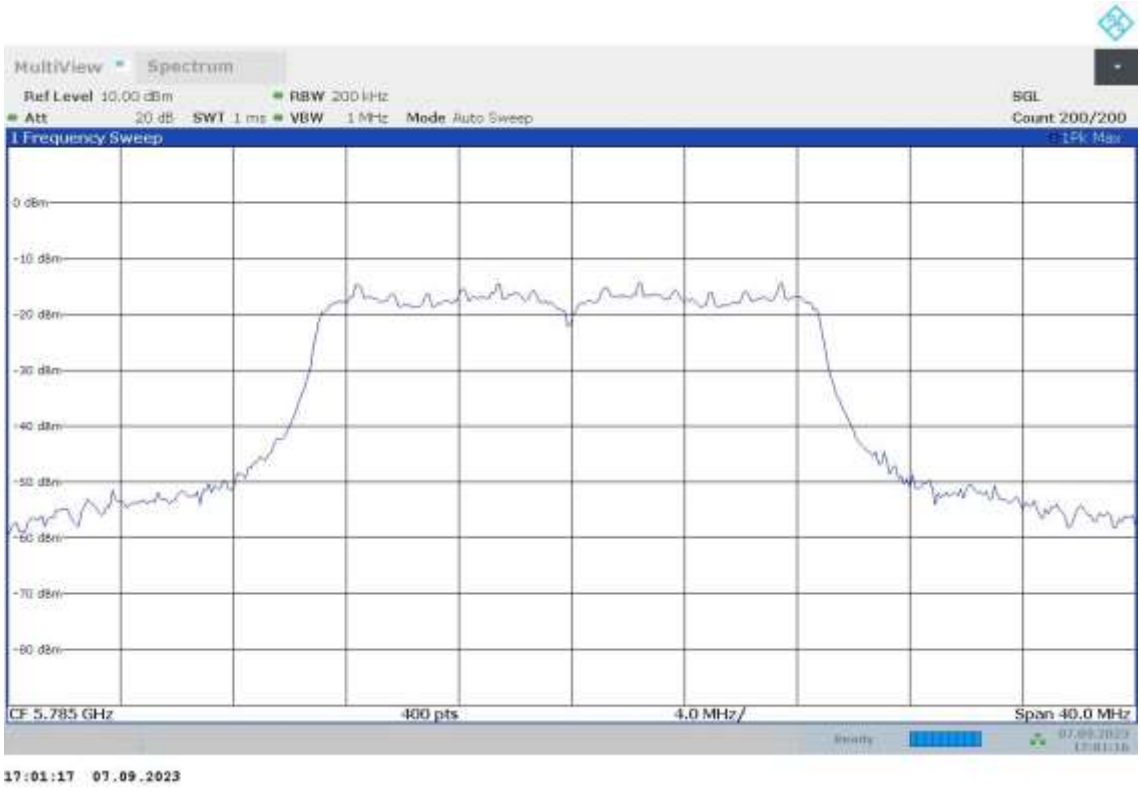
Operation Band MHz = [5150, 5850] Active Port = 1+2

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

MIMO Mode = MIMO CCD Mode 2x2

Images:



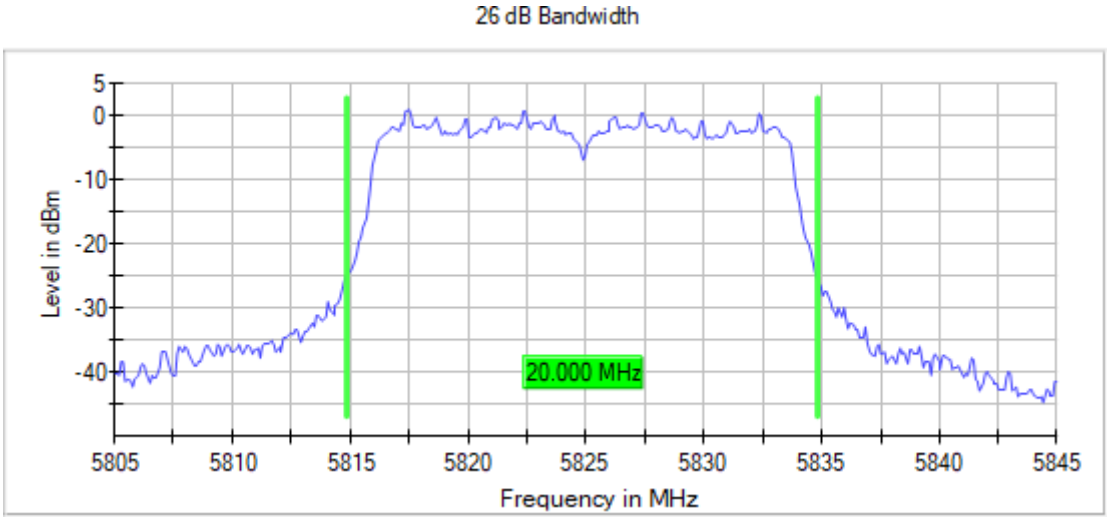


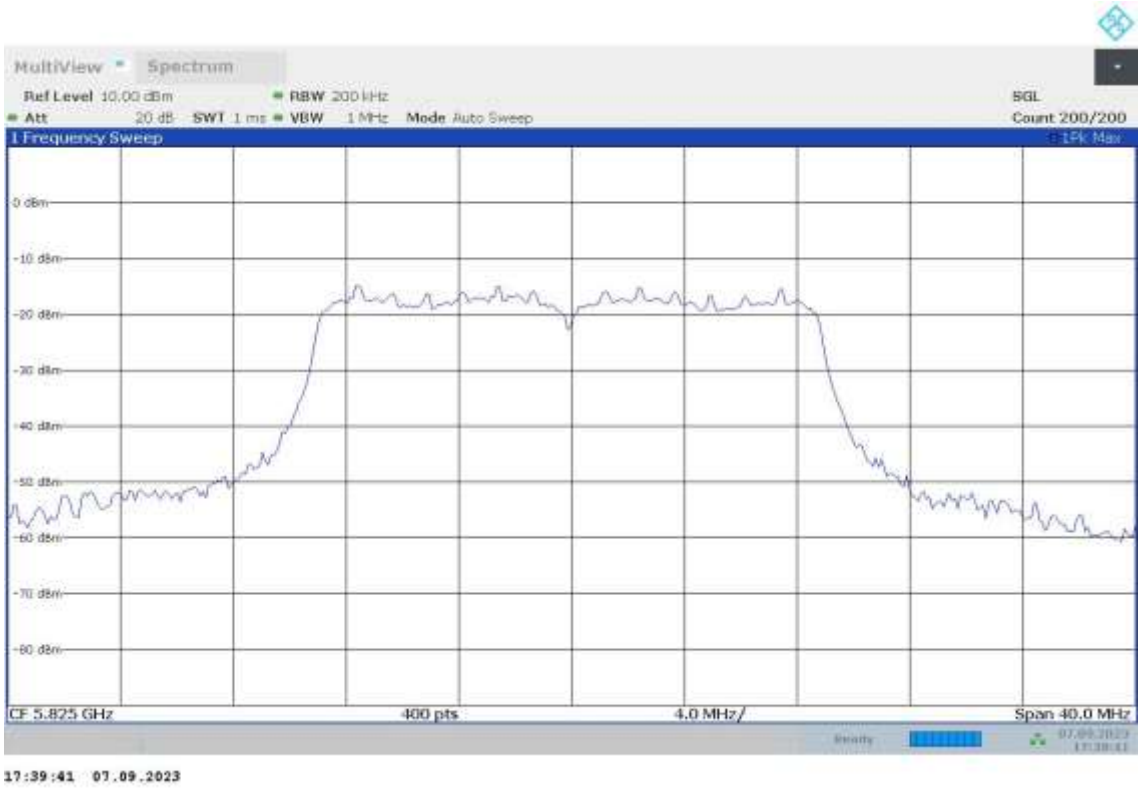
Operation Band MHz = [5150, 5850] Active Port = 1+2

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

MIMO Mode = MIMO CCD Mode 2x2

Images:





Modulation: 802.11ax HE20 SS1 (OFDMA MCS0)

MIMO Mode: MIMO CCD Mode 2x2

Results

Operation Band (MHz)	Port	Freq (MHz)	Ebw (MHz)
[5150, 5850]	1+2	5180.00000	20.500
		5200.00000	20.500
		5240.00000	20.600
		5745.00000	20.500
		5785.00000	20.600
		5825.00000	20.700

Verdict

Pass

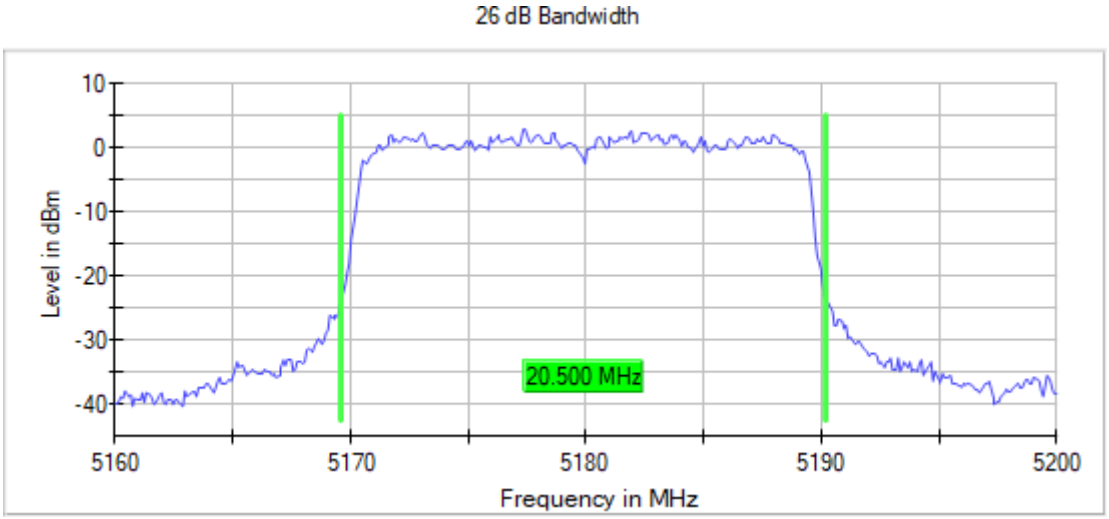
Attachments

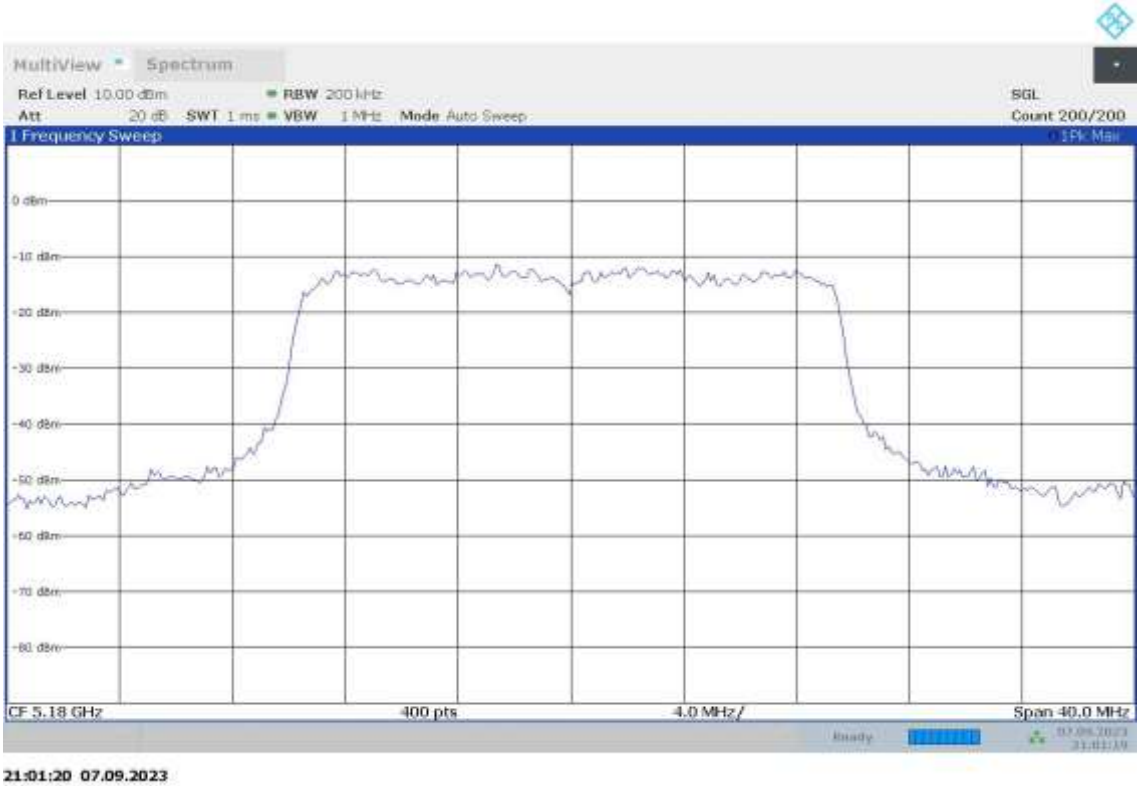
Operation Band MHz = [5150, 5850] Active Port = 1+2

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

MIMO Mode = MIMO CCD Mode 2x2

Images:



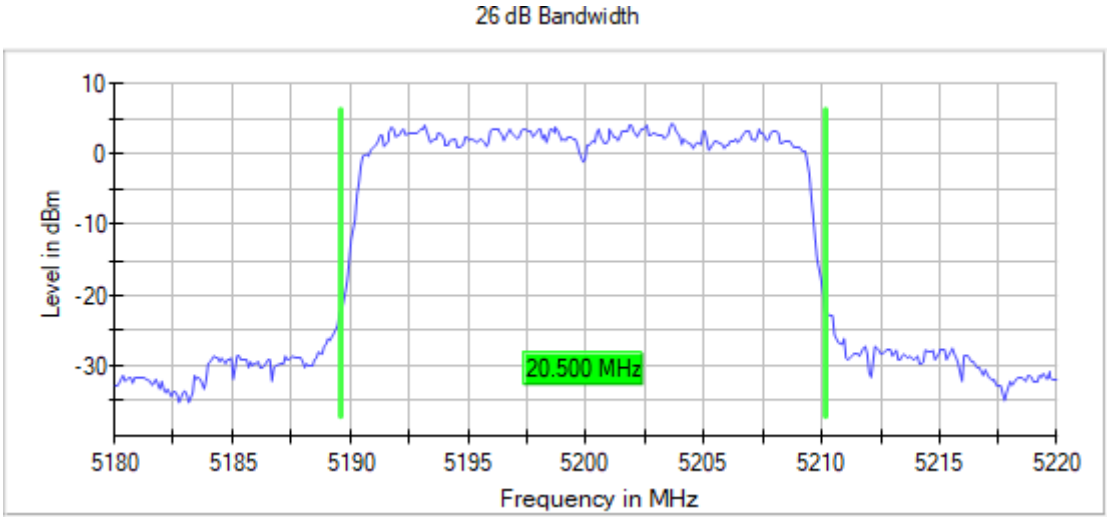


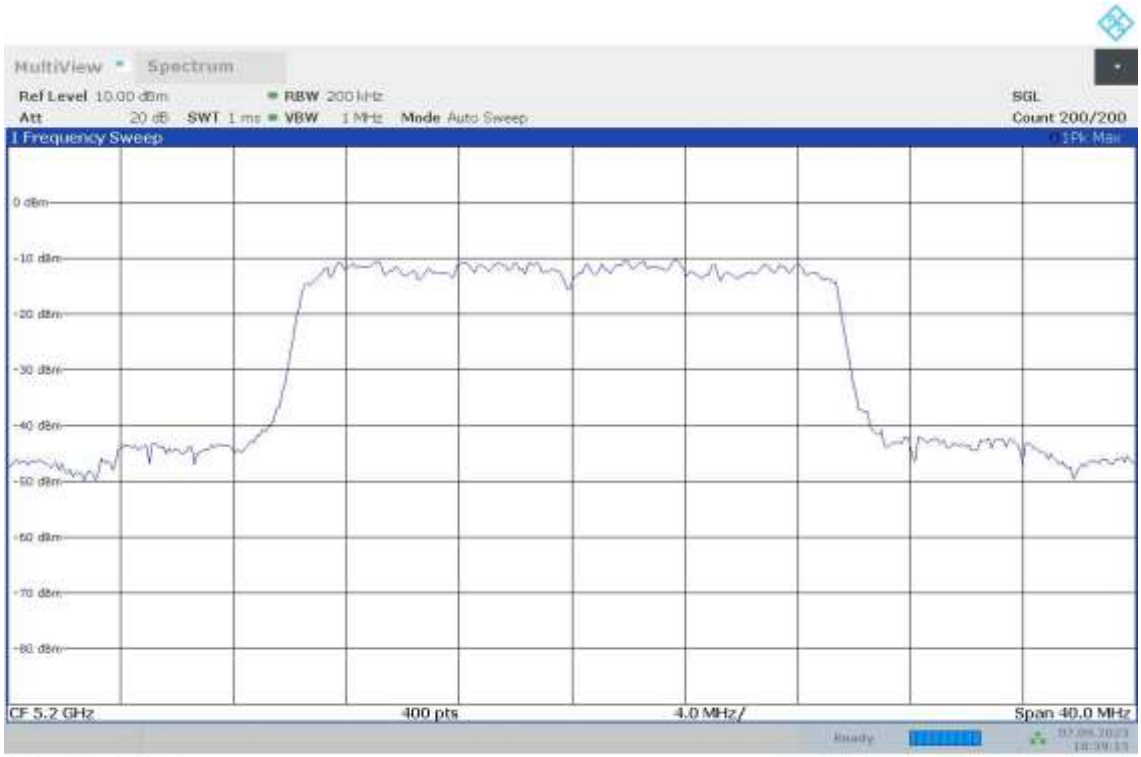
Operation Band MHz = [5150, 5850] Active Port = 1+2

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

MIMO Mode = MIMO CCD Mode 2x2

Images:





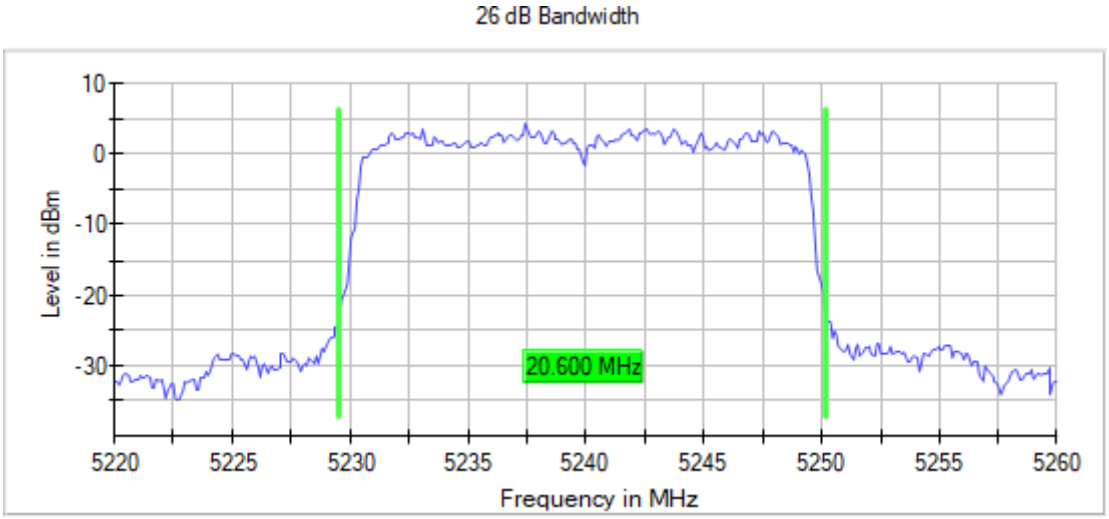
18:59:16 07.09.2023

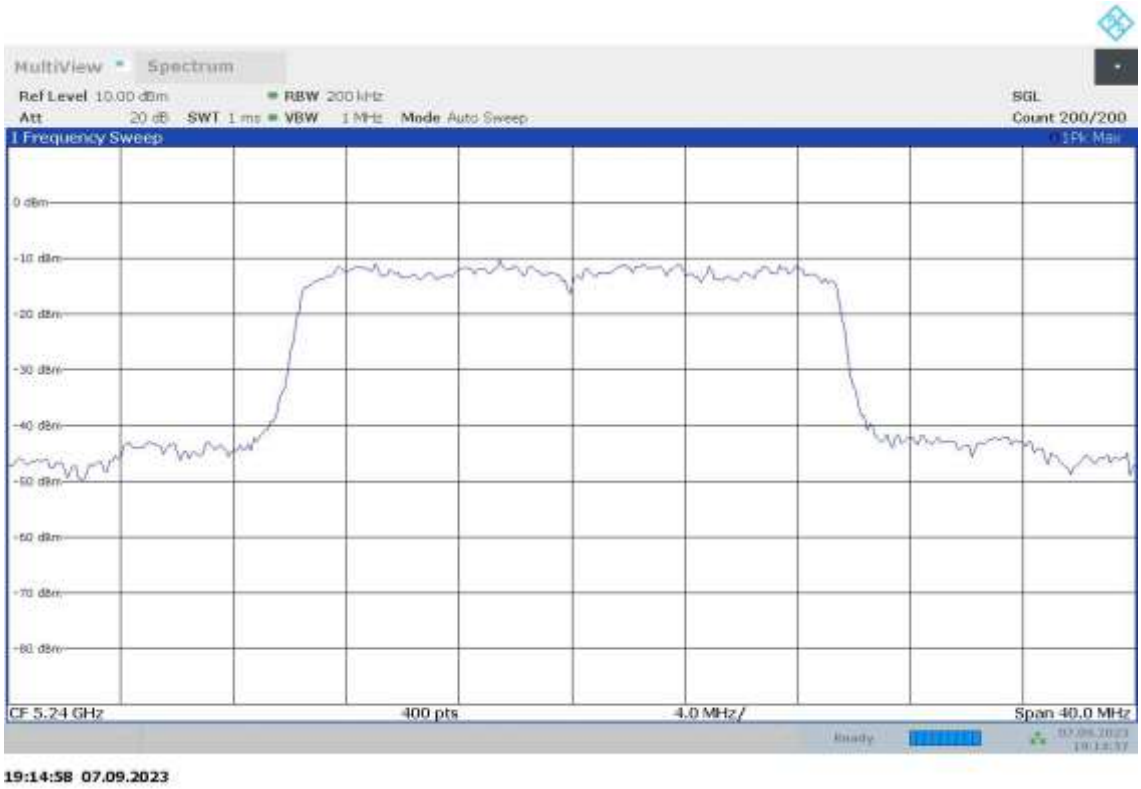
Operation Band MHz = [5150, 5850] Active Port = 1+2

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

MIMO Mode = MIMO CCD Mode 2x2

Images:



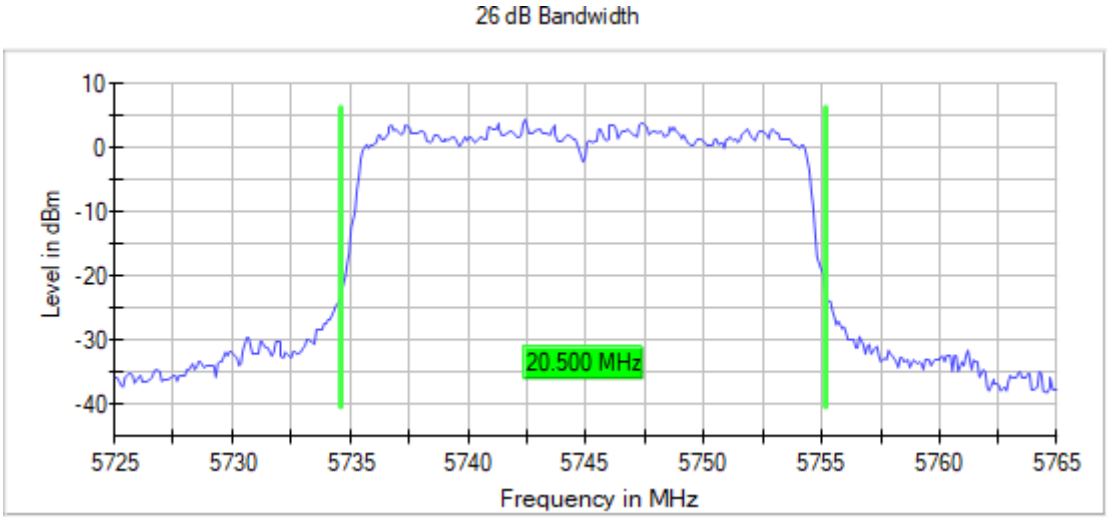


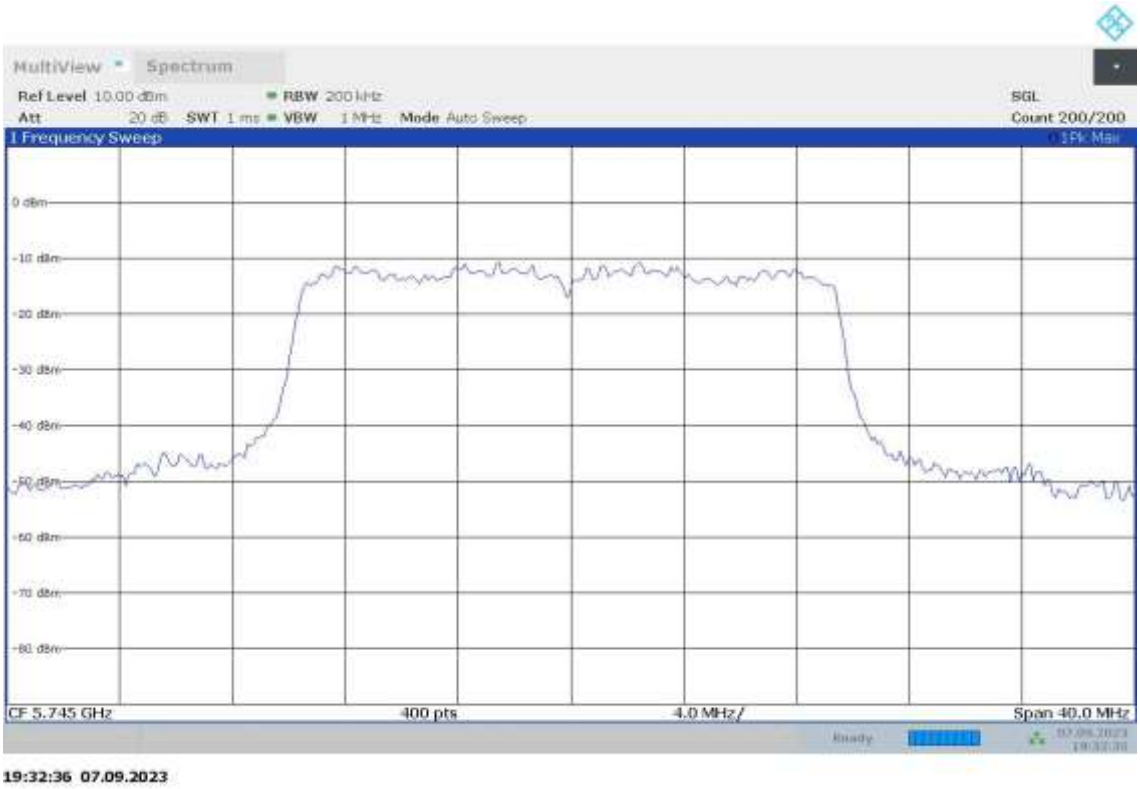
Operation Band MHz = [5150, 5850] Active Port = 1+2

Frequency MHz = 5745.00000 Modulation = 802.11ax HE20 SS1 (OFDMA MCS0)

MIMO Mode = MIMO CCD Mode 2x2

Images:





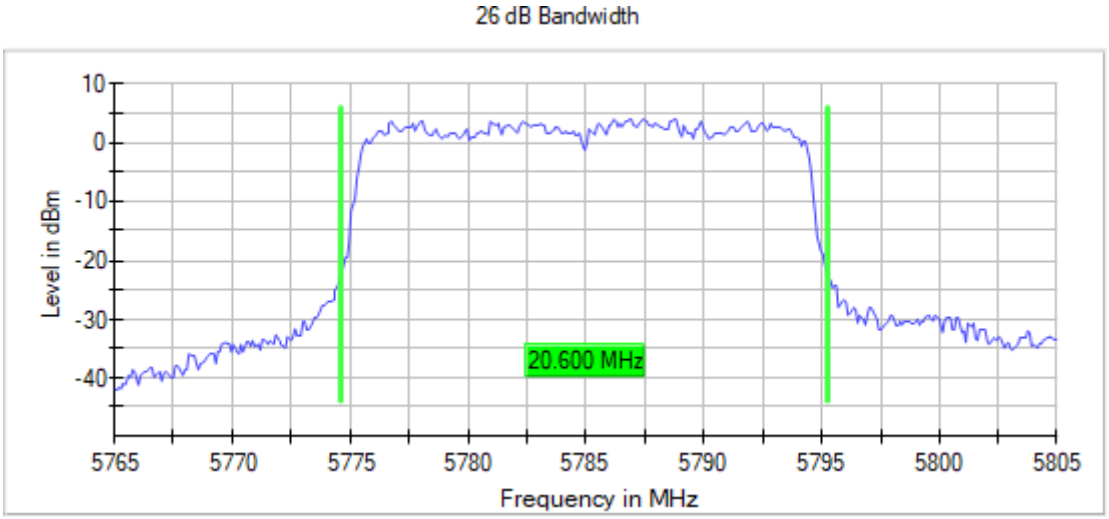
19:32:36 07.09.2023

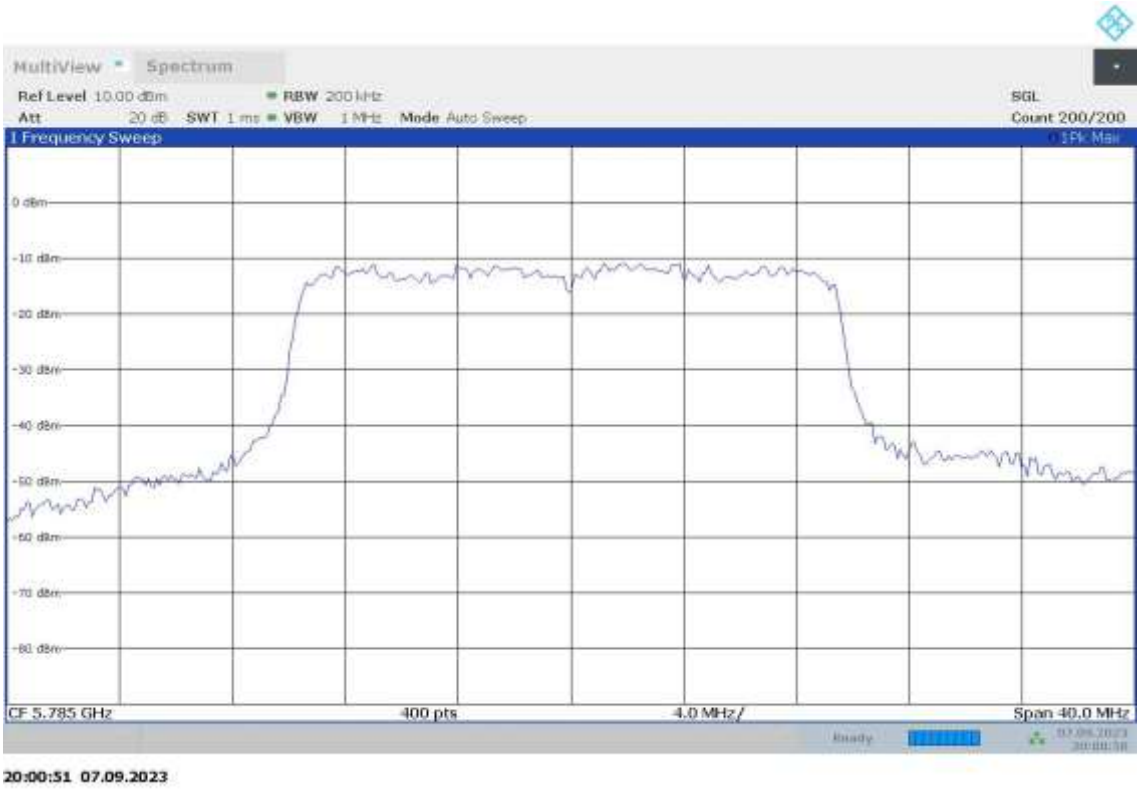
Operation Band MHz = [5150, 5850] Active Port = 1+2

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

MIMO Mode = MIMO CCD Mode 2x2

Images:



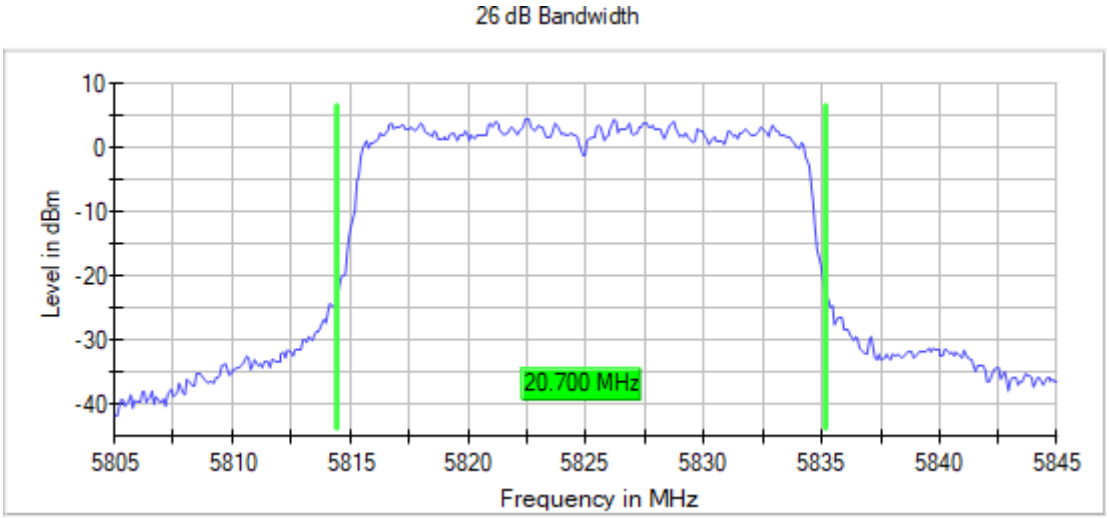


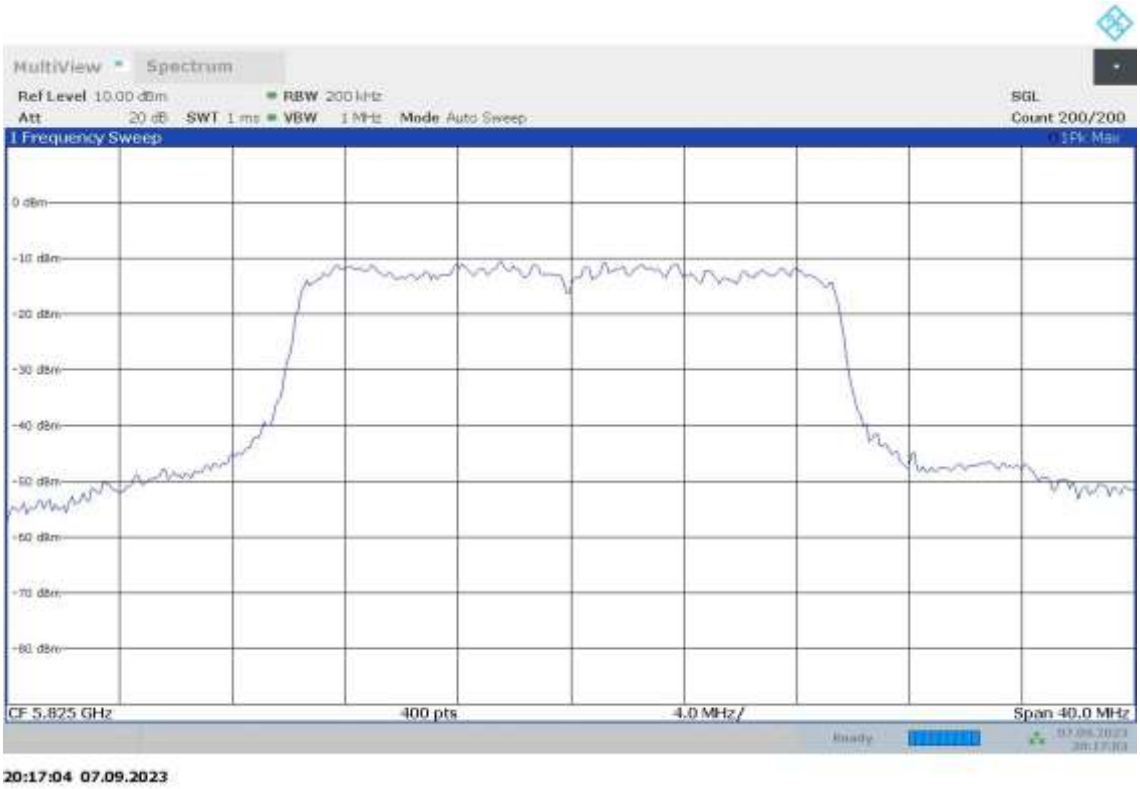
Operation Band MHz = [5150, 5850] Active Port = 1+2

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

MIMO Mode = MIMO CCD Mode 2x2

Images:





20:17:04 07.09.2023

Modulation: 802.11ac VHT40 SS1 (OFDM MCS0)

MIMO Mode: MIMO CCD Mode 2x2

Results

Operation Band (MHz)	Port	Freq (MHz)	Ebw (MHz)
[5150, 5850]	1+2	5190.00000	40.826
		5230.00000	43.377
		5755.00000	40.675
		5795.00000	40.375

Verdict

Pass

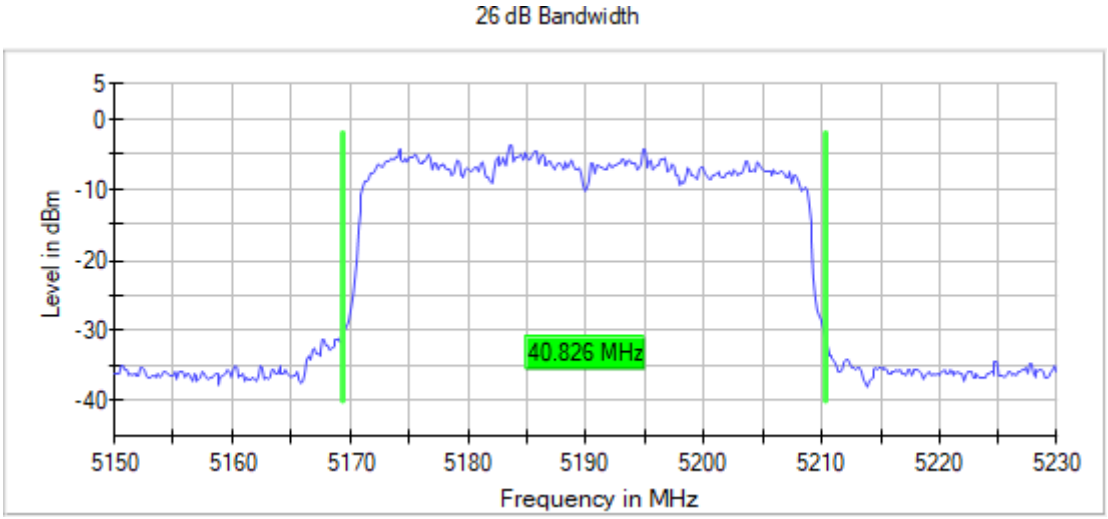
Attachments

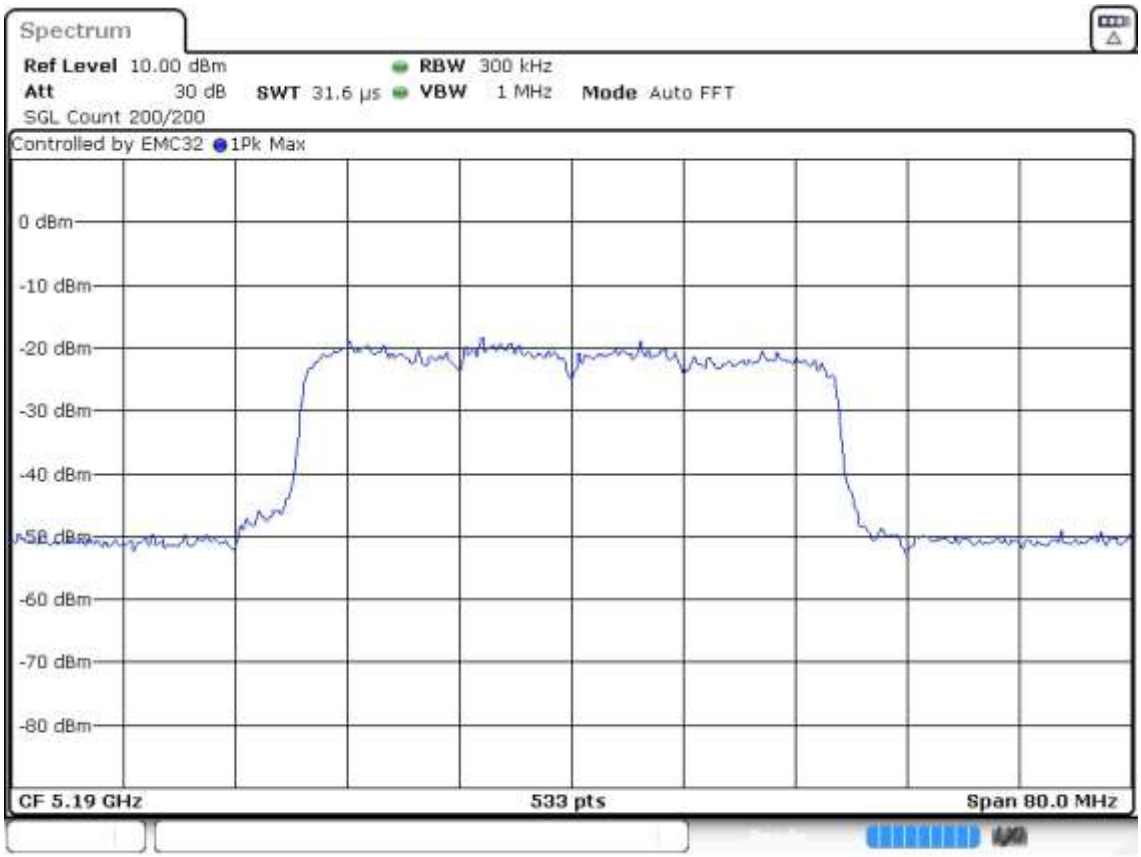
Operation Band MHz = [5150, 5850] Active Port = 1+2

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

MIMO Mode = MIMO CCD Mode 2x2

Images:





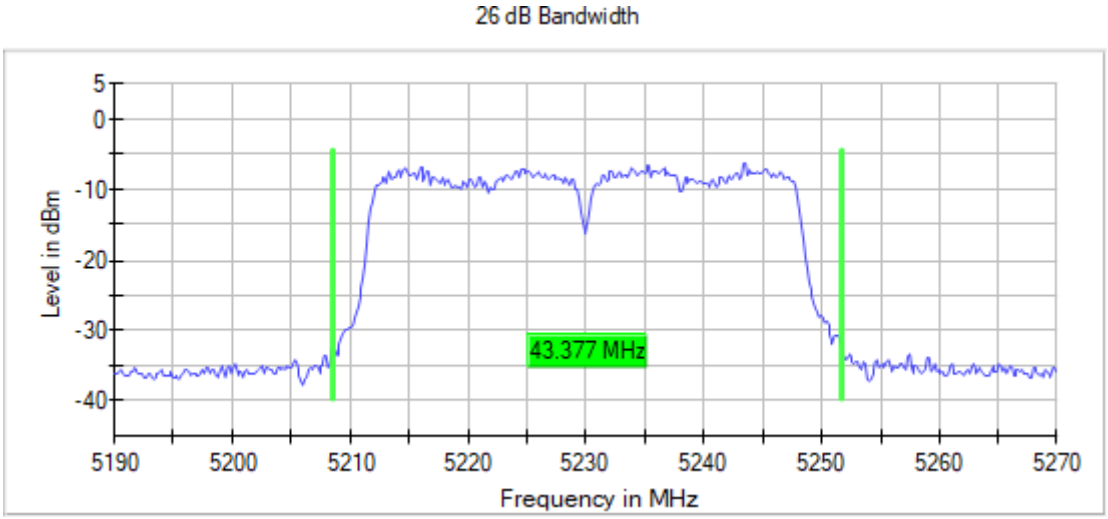
Date: 8.SEP.2023 15:43:16

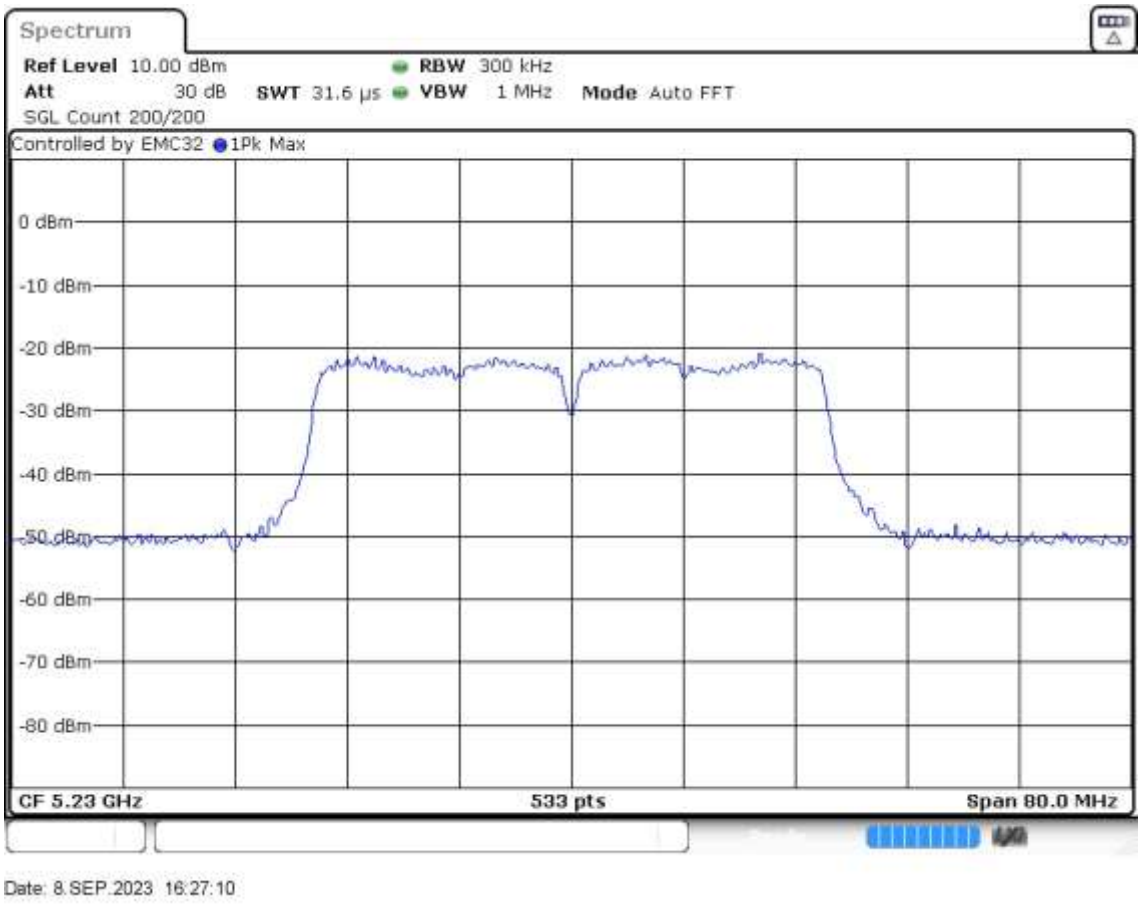
Operation Band MHz = [5150, 5850] Active Port = 1+2

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

MIMO Mode = MIMO CCD Mode 2x2

Images:





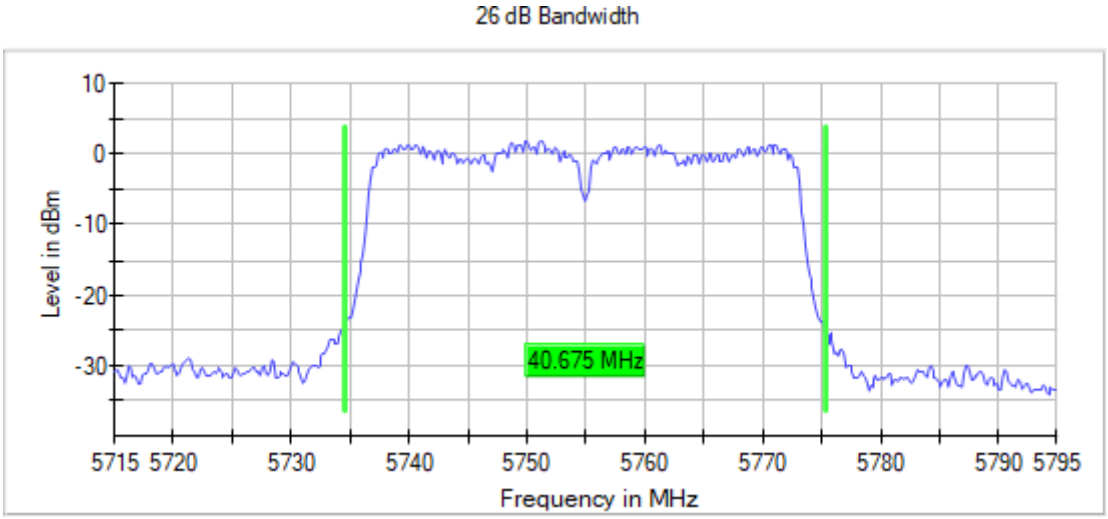
Date: 8.SEP.2023 16:27:10

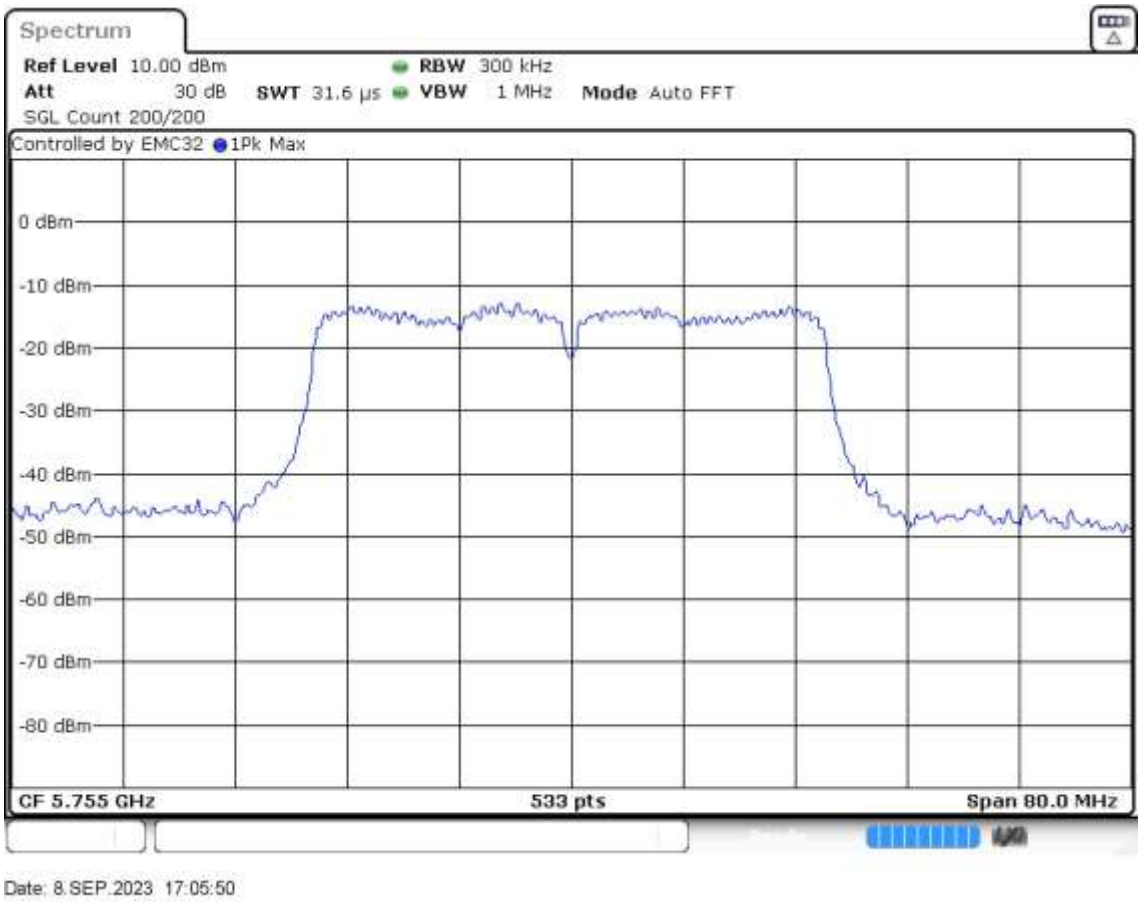
Operation Band MHz = [5150, 5850] Active Port = 1+2

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

MIMO Mode = MIMO CCD Mode 2x2

Images:





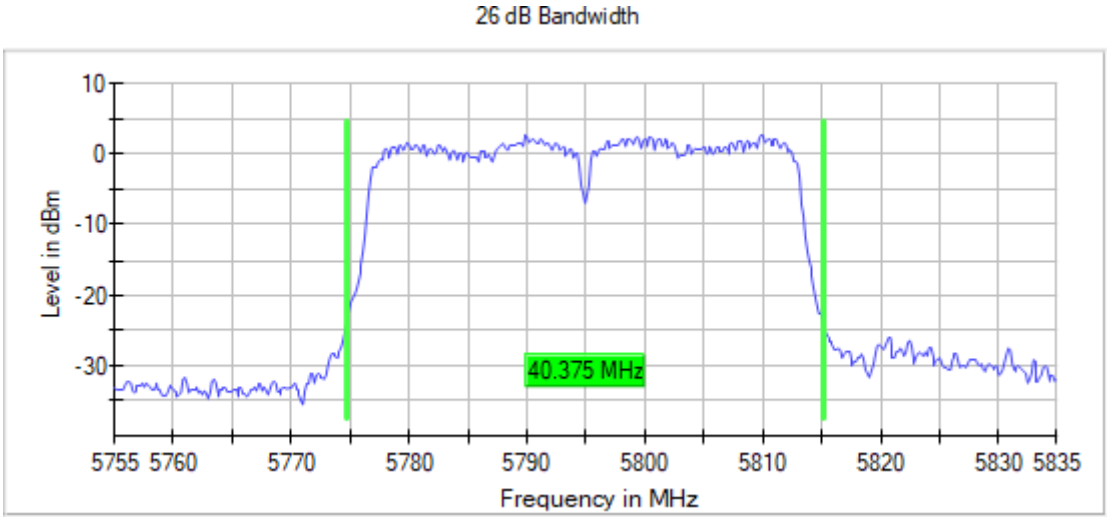
Date: 8.SEP.2023 17:05:50

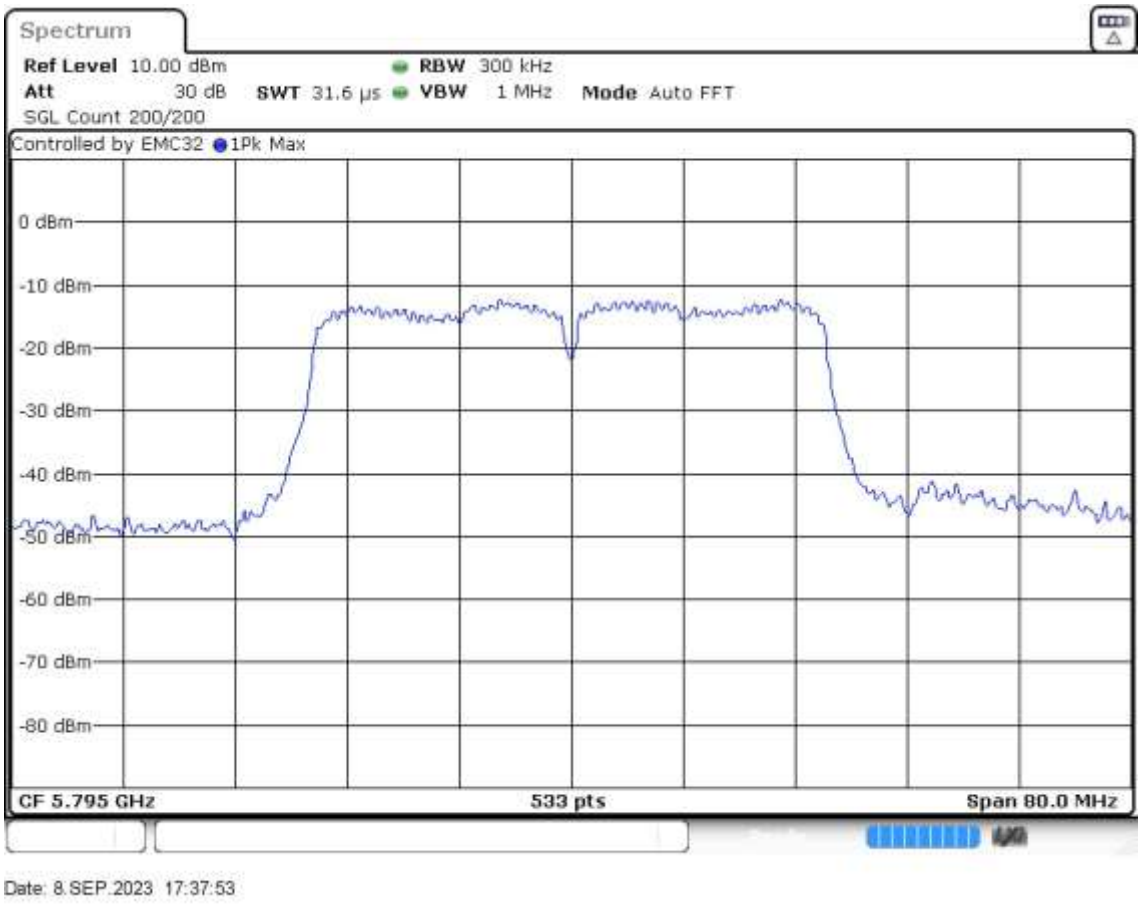
Operation Band MHz = [5150, 5850] Active Port = 1+2

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

MIMO Mode = MIMO CCD Mode 2x2

Images:





Date: 8.SEP.2023 17:37:53

Modulation: 802.11ax HE40 SS1 (OFDMA MCS0)

MIMO Mode: MIMO CCD Mode 2x2

Results

Operation Band (MHz)	Port	Freq (MHz)	Ebw (MHz)
[5150, 5850]	1+2	5190.00000	40.075
		5230.00000	41.276
		5755.00000	40.675
		5795.00000	40.826

Verdict

Pass

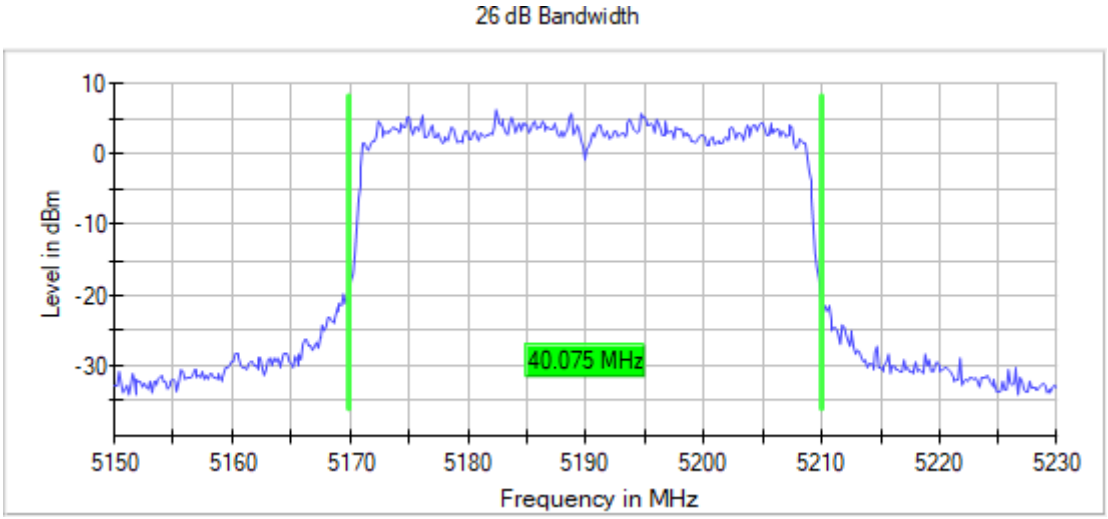
Attachments

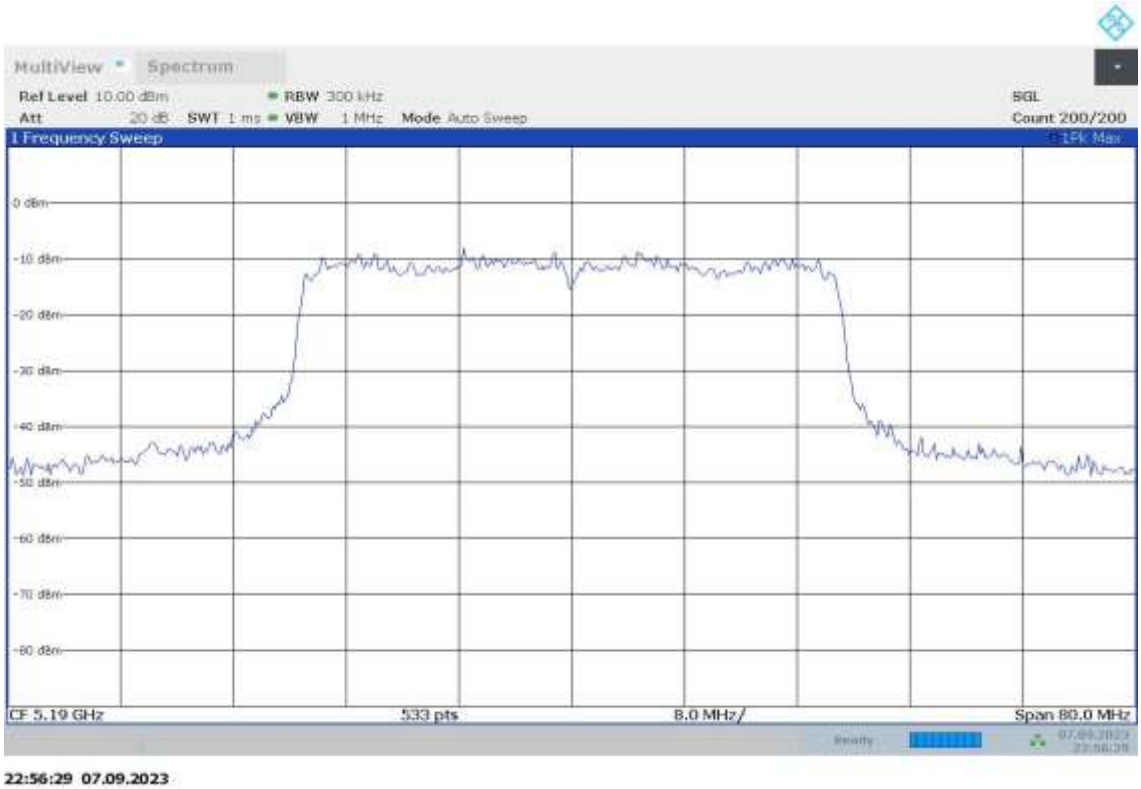
Operation Band MHz = [5150, 5850] Active Port = 1+2

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

MIMO Mode = MIMO CCD Mode 2x2

Images:



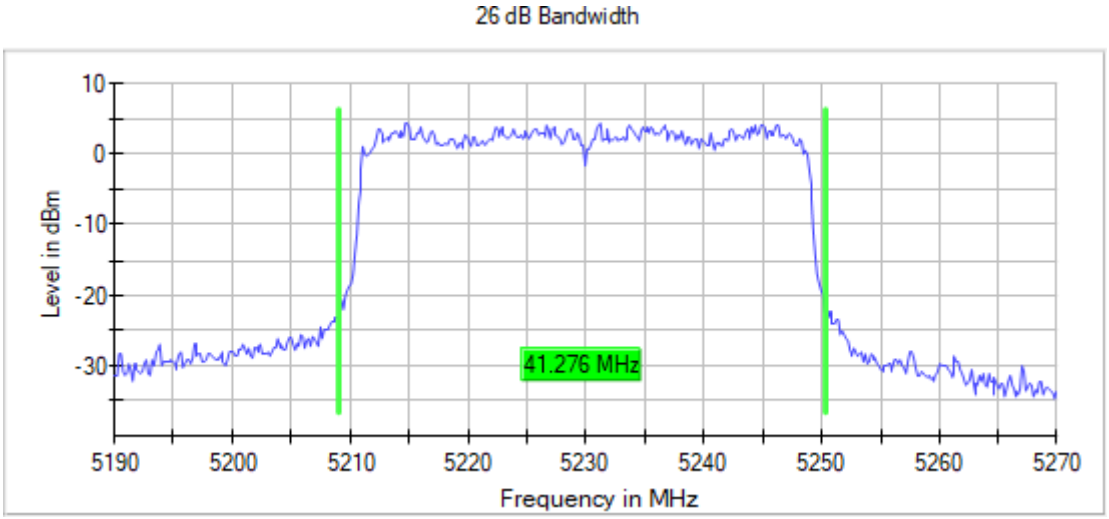


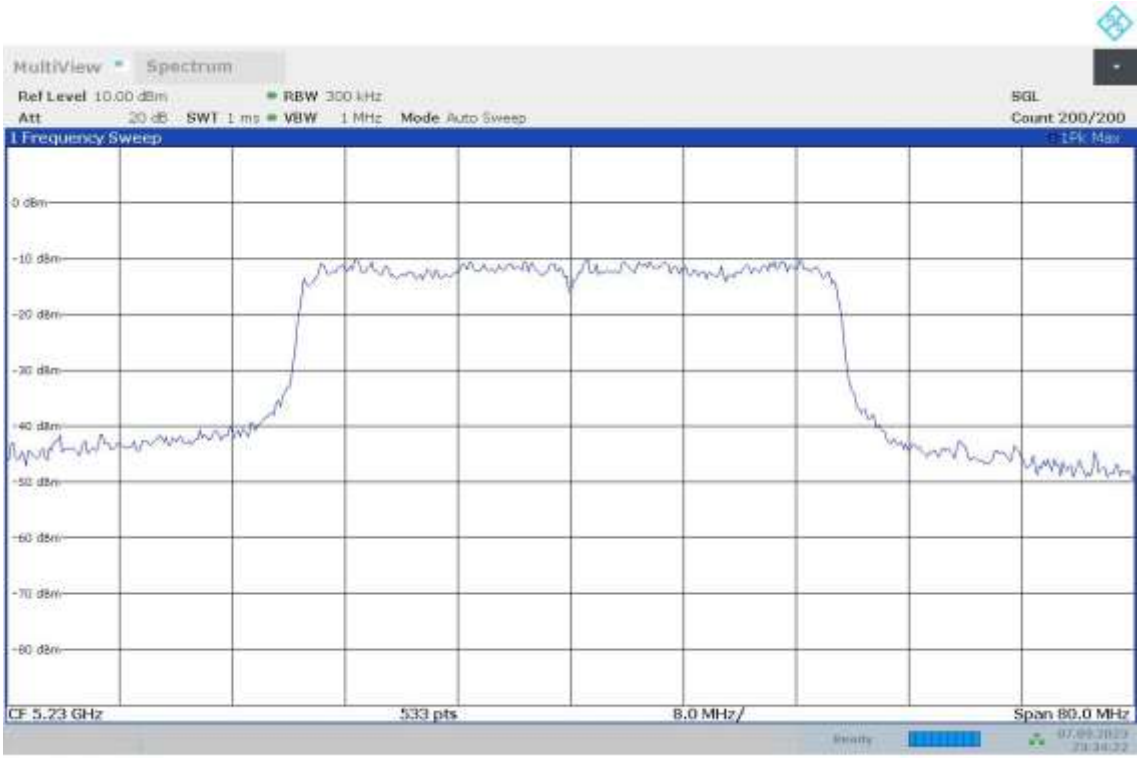
Operation Band MHz = [5150, 5850] Active Port = 1+2

Frequency MHz = 5230.00000 Modulation = 802.11ax HE40 SS1 (OFDMA MCS0)

MIMO Mode = MIMO CCD Mode 2x2

Images:





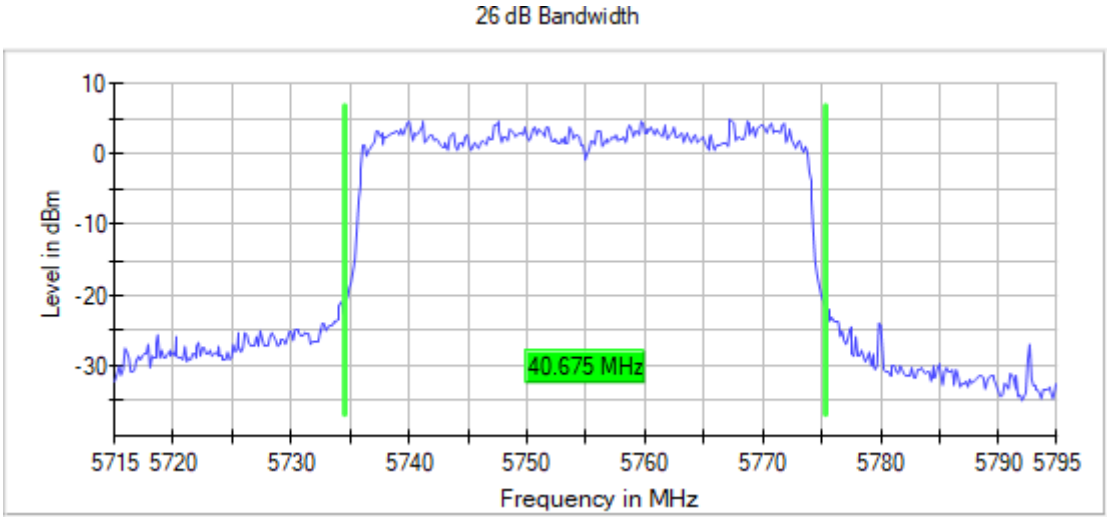
23:34:23 07.09.2023

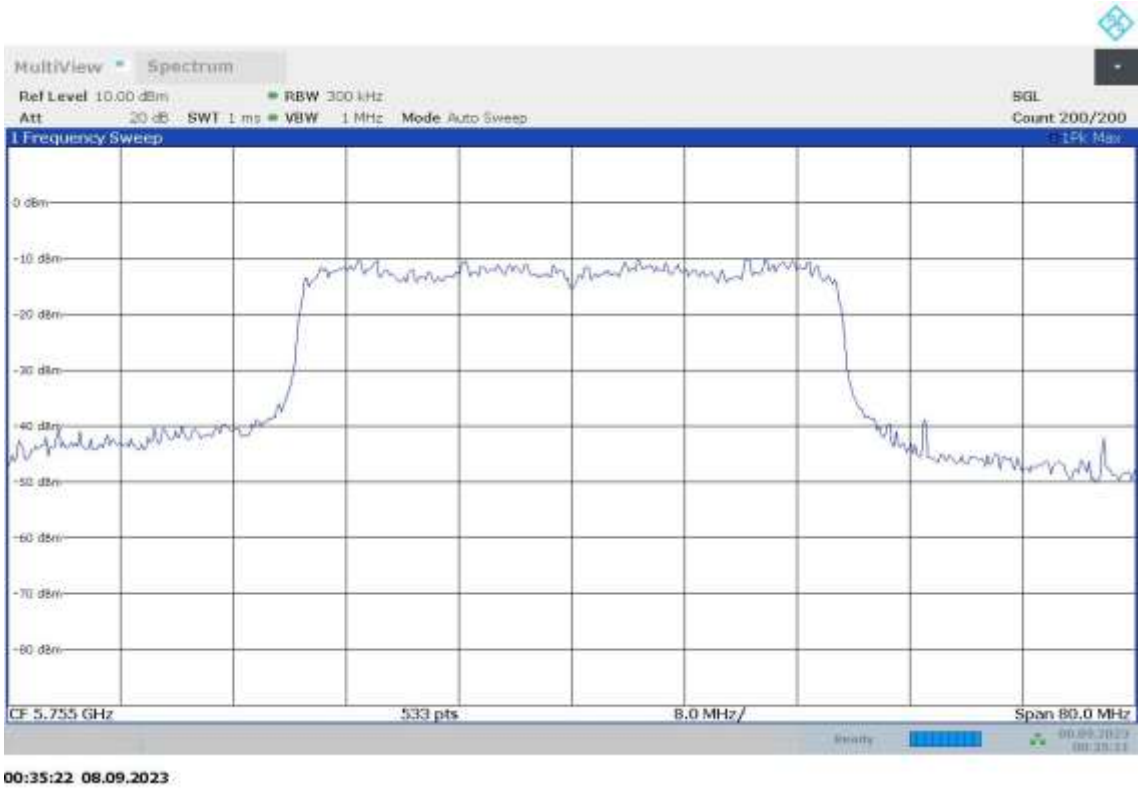
Operation Band MHz = [5150, 5850] Active Port = 1+2

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

MIMO Mode = MIMO CCD Mode 2x2

Images:



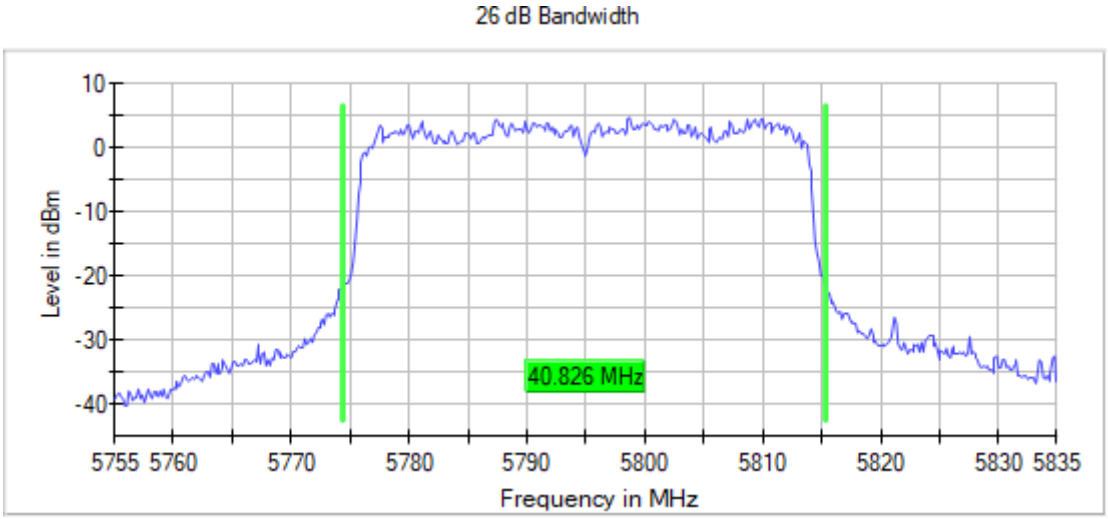


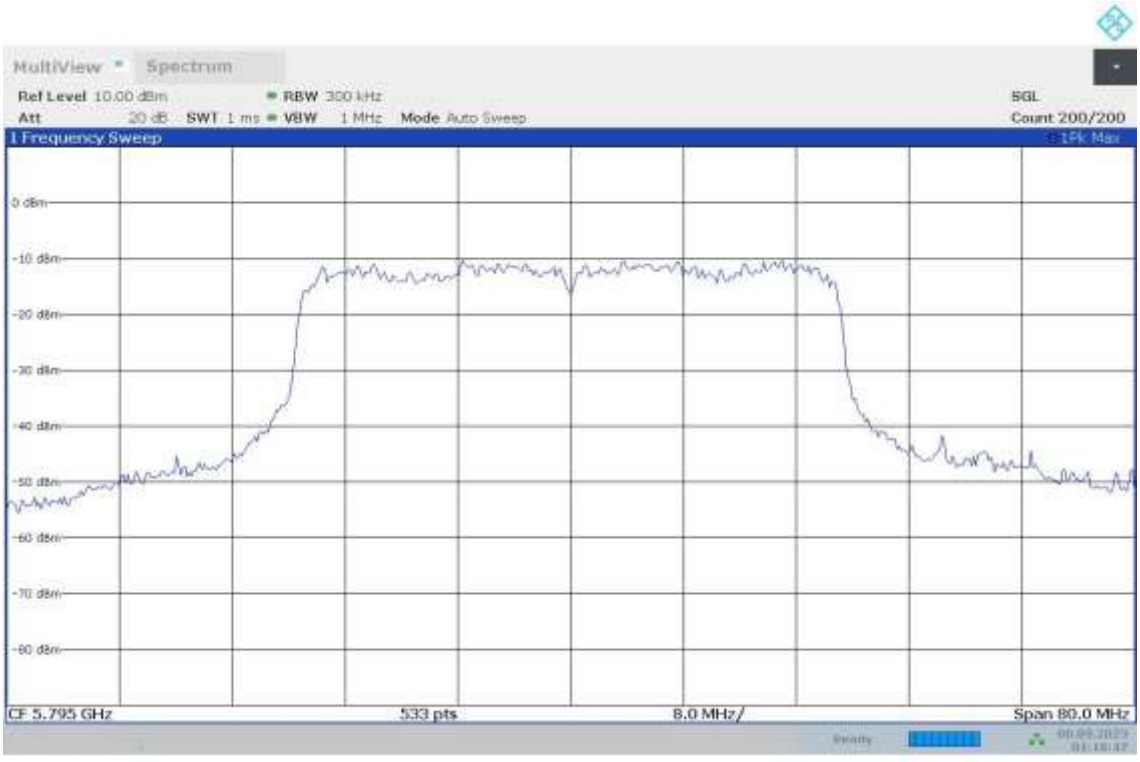
Operation Band MHz = [5150, 5850] Active Port = 1+2

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

MIMO Mode = MIMO CCD Mode 2x2

Images:





Modulation: 802.11ac VHT80 SS1 (OFDM MCS0)

MIMO Mode: MIMO CCD Mode 2x2

Results

Operation Band (MHz)	Port	Freq (MHz)	Ebw (MHz)
[5150, 5850]	1+2	5210.00000	82.500
		5775.00000	88.000

Verdict

Pass

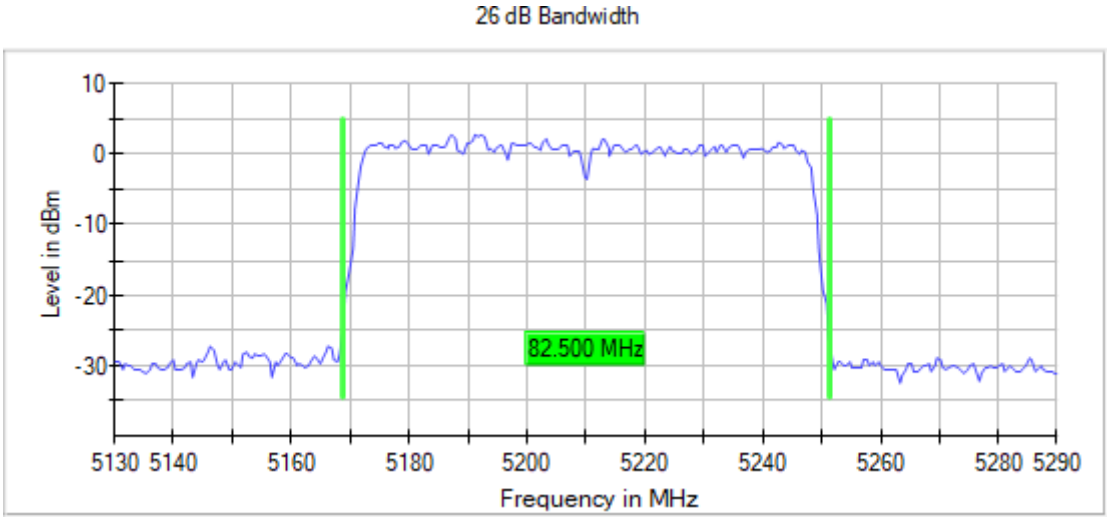
Attachments

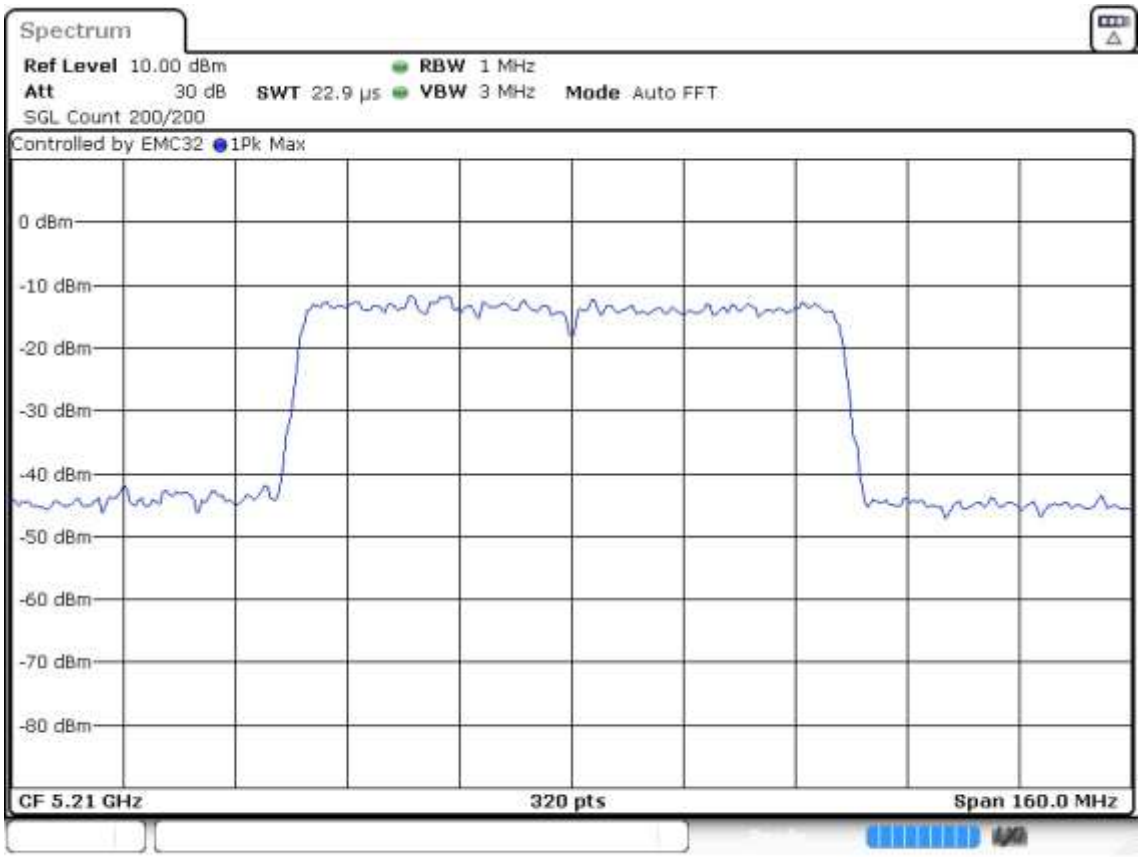
Operation Band MHz = [5150, 5850] Active Port = 1+2

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

MIMO Mode = MIMO CCD Mode 2x2

Images:





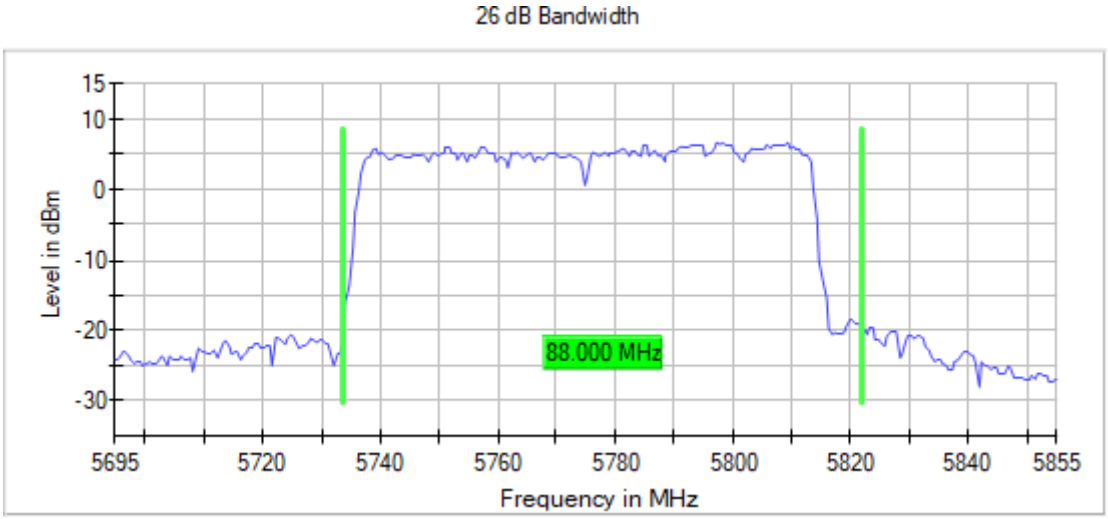
Date: 11.SEP.2023 12:33:31

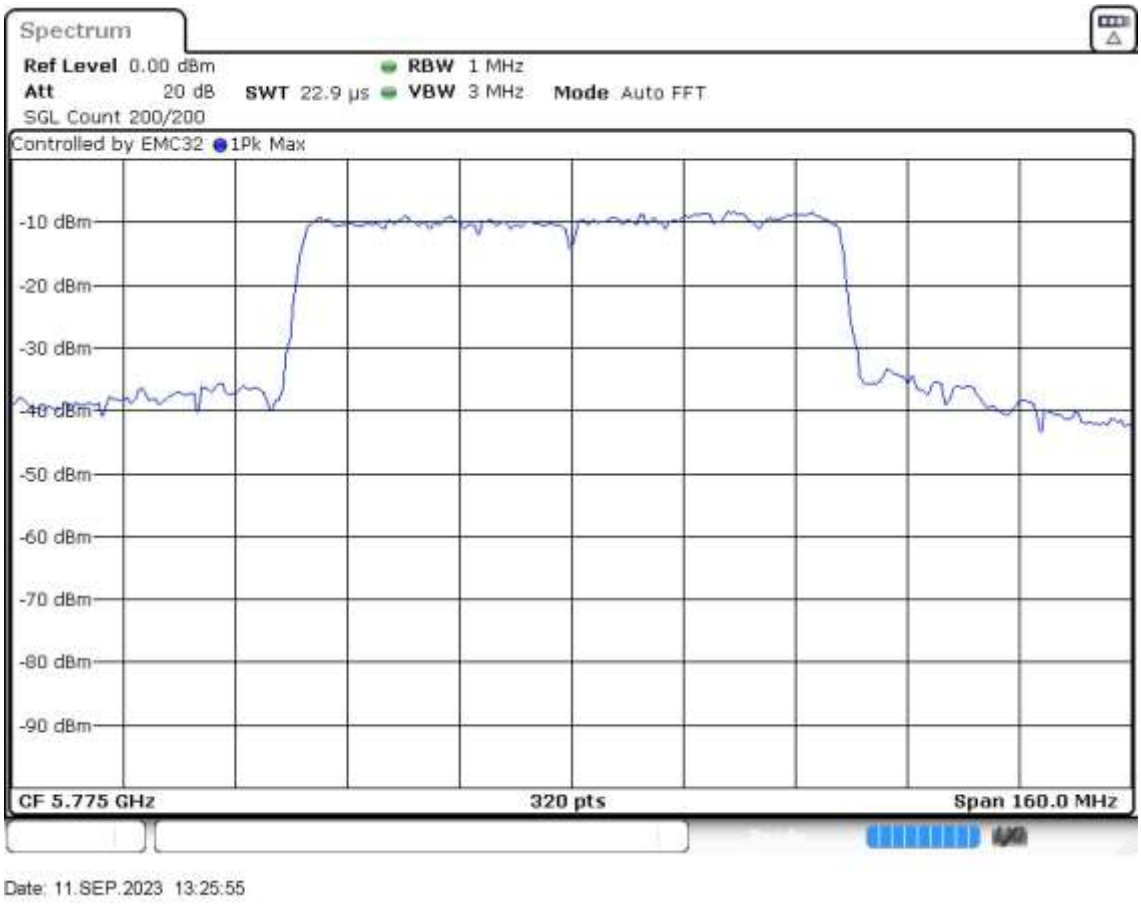
Operation Band MHz = [5150, 5850] Active Port = 1+2

Frequency MHz = 5775.00000 Modulation = 802.11ac VHT80 SS1 (OFDM MCS0)

MIMO Mode = MIMO CCD Mode 2x2

Images:





Date: 11.SEP.2023 13:25:55

Modulation: 802.11ax HE80 SS1 (OFDMA MCS0)

MIMO Mode: MIMO CCD Mode 2x2

Results

Operation Band (MHz)	Port	Freq (MHz)	Ebw (MHz)
[5150, 5850]	1+2	5210.00000	94.500
		5775.00000	82.000

Verdict

Pass

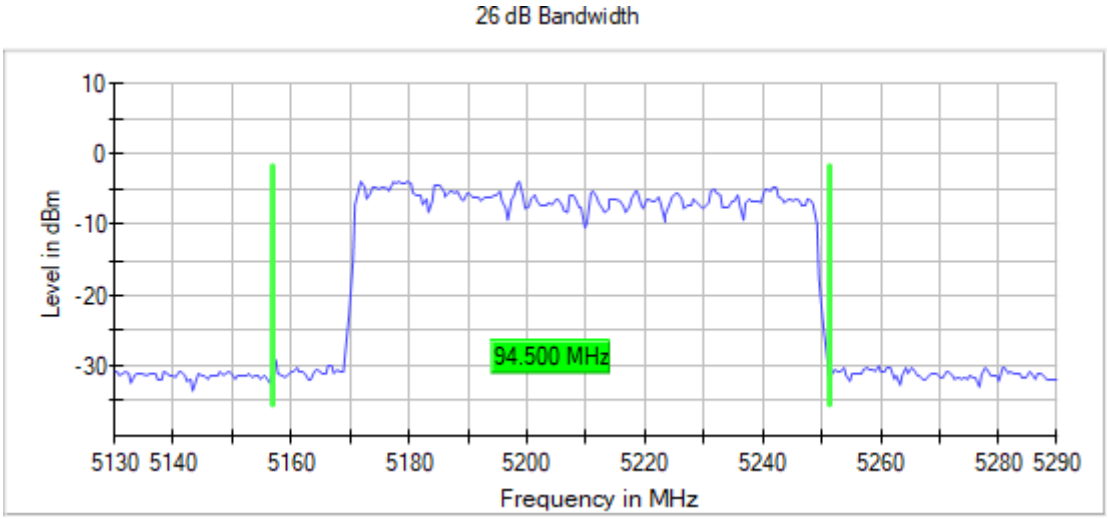
Attachments

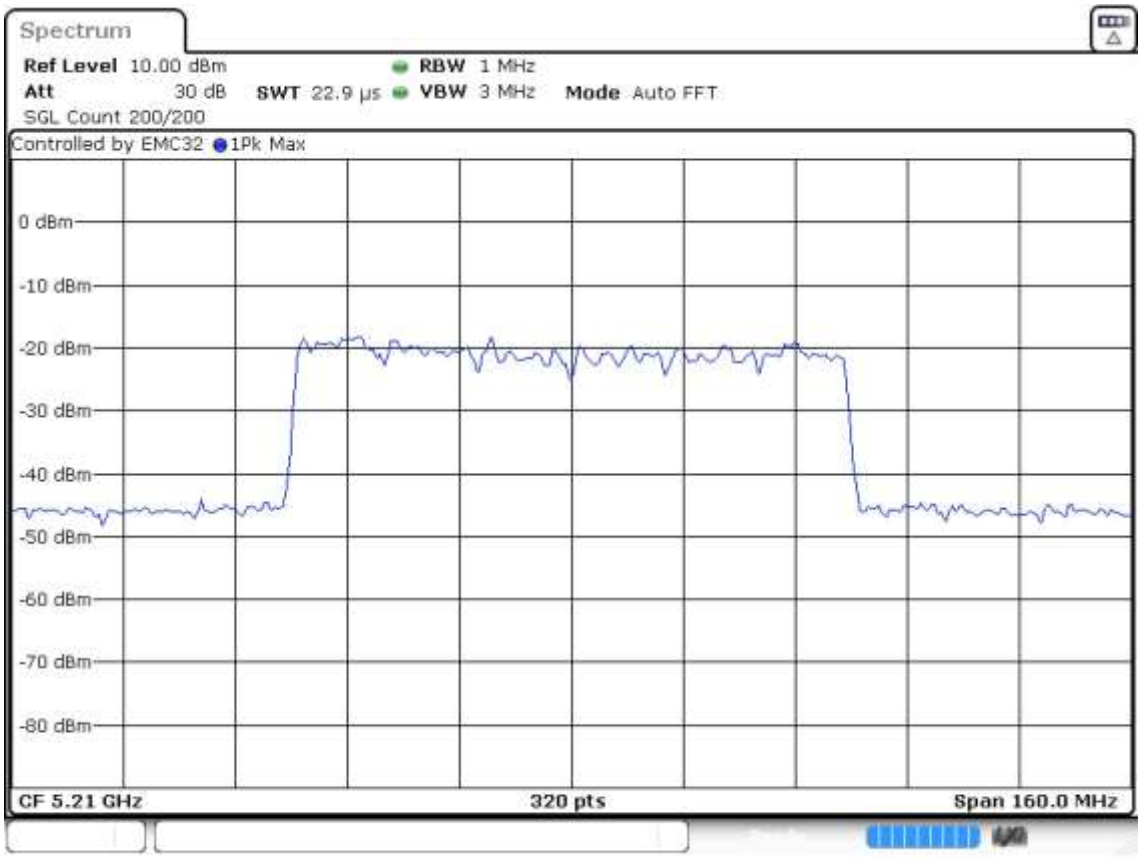
Operation Band MHz = [5150, 5850] Active Port = 1+2

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

MIMO Mode = MIMO CCD Mode 2x2

Images:





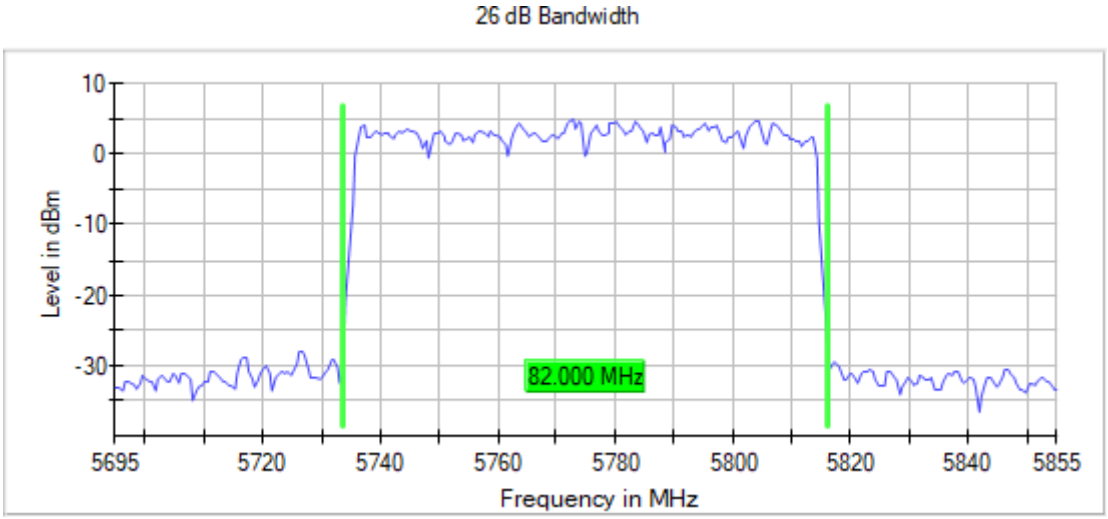
Date: 8.SEP.2023 12:19:35

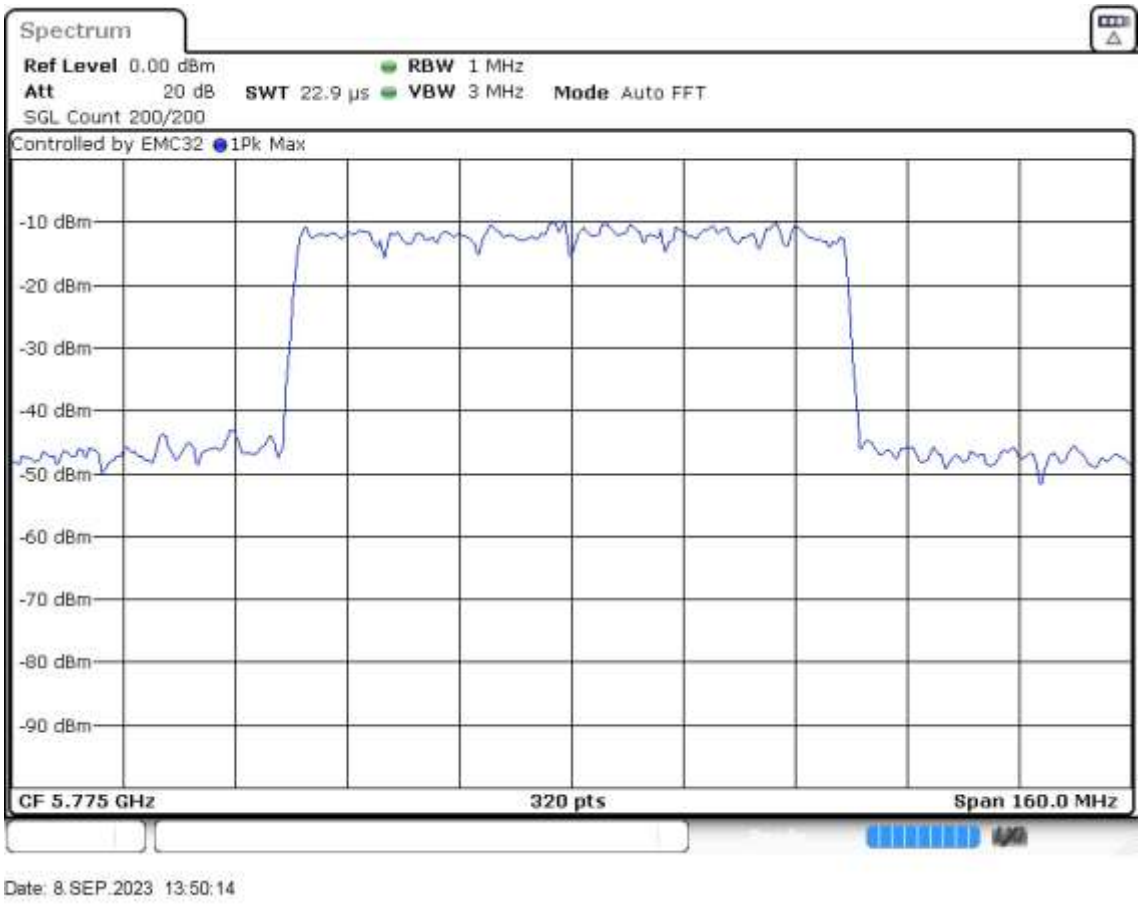
Operation Band MHz = [5150, 5850] Active Port = 1+2

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

MIMO Mode = MIMO CCD Mode 2x2

Images:





Date: 8.SEP.2023 13:50:14

Modulation: 802.11n HT20 (OFDM MCS0)

MIMO Mode: MIMO CCD Mode 2x2

Results

Operation Band (MHz)	Port	Freq (MHz)	Ebw (MHz)
[5150, 5850]	1+2	5180.00000	20.100
		5200.00000	20.100
		5240.00000	20.100
		5745.00000	20.200
		5785.00000	20.000
		5825.00000	20.000

Verdict

Pass

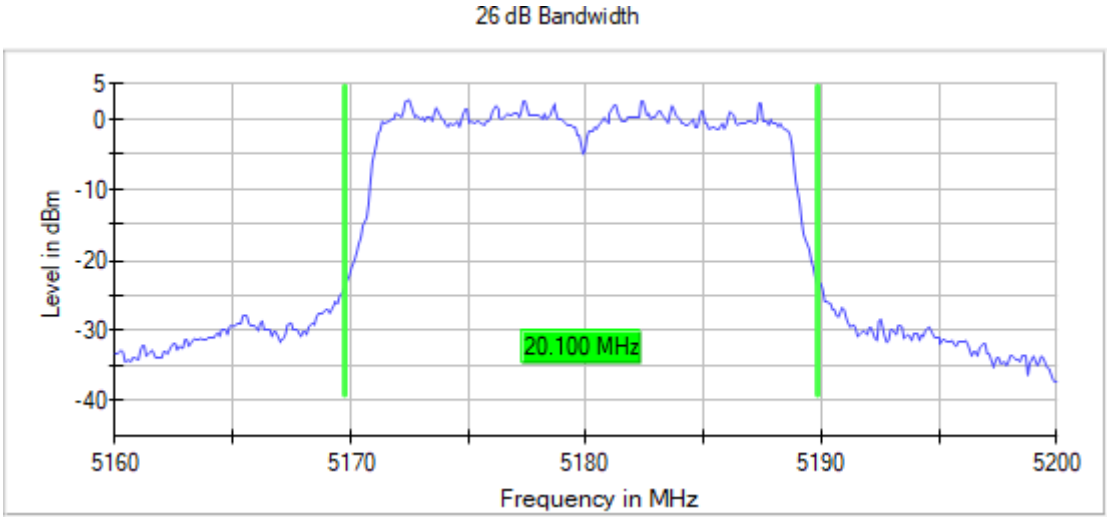
Attachments

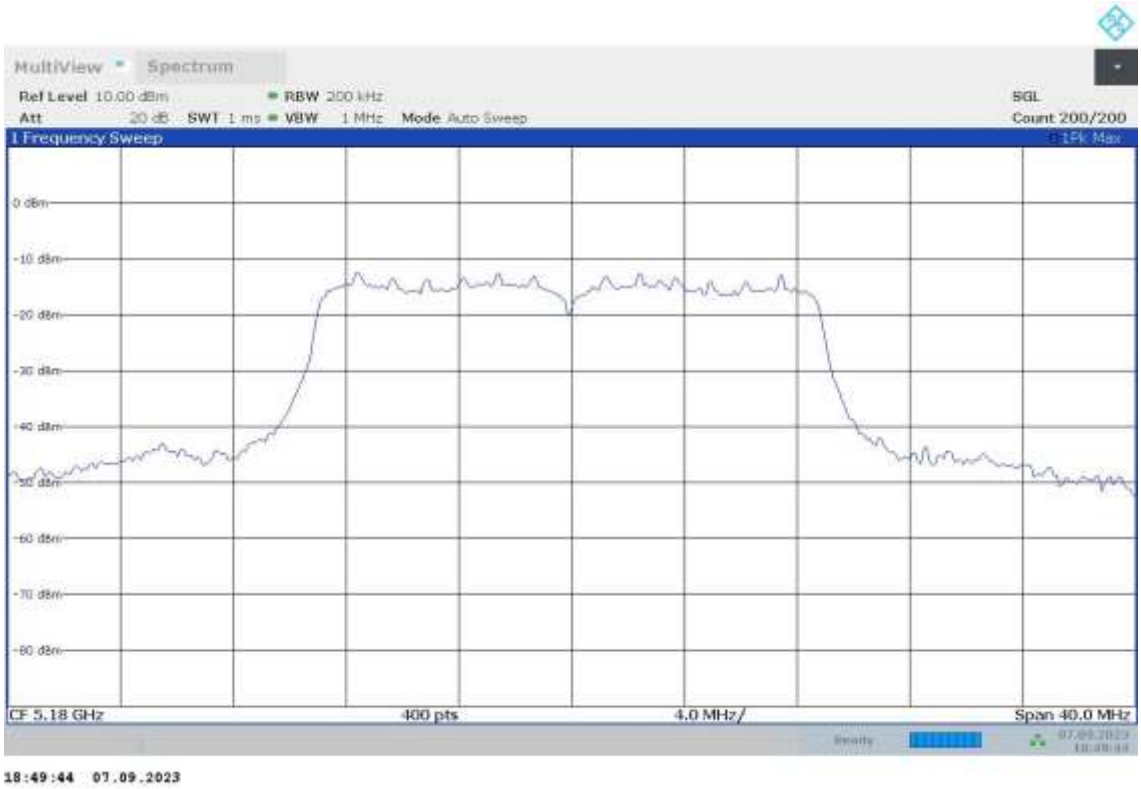
Operation Band MHz = [5150, 5850] Active Port = 1+2

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

MIMO Mode = MIMO CCD Mode 2x2

Images:



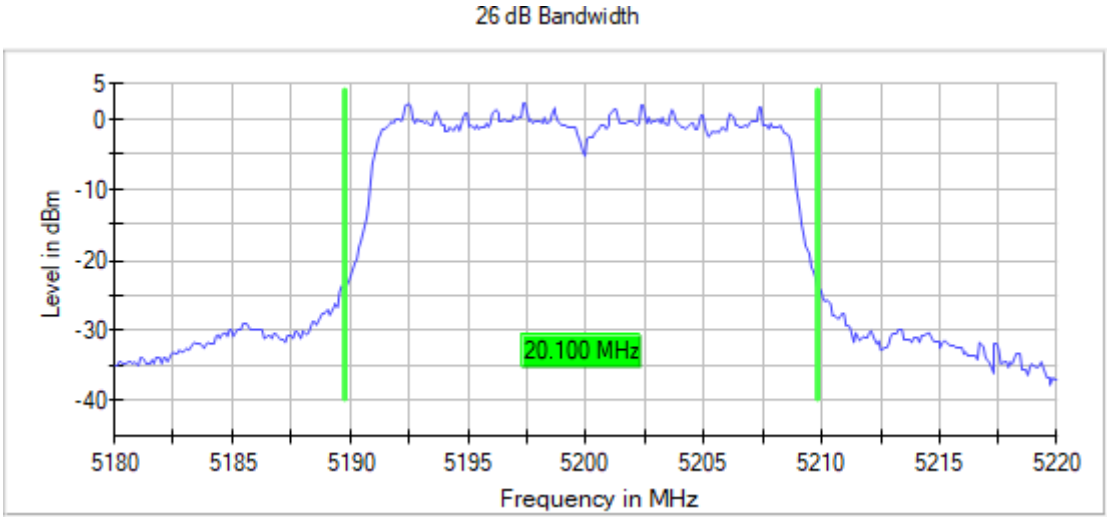


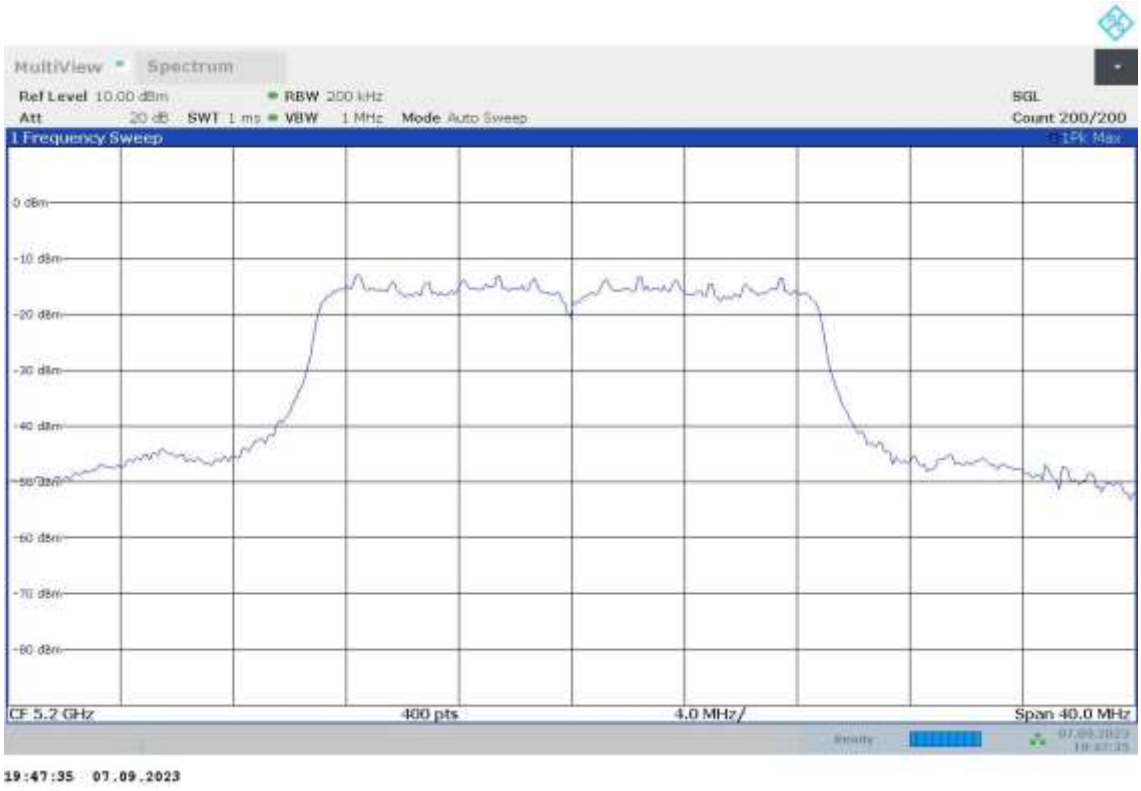
Operation Band MHz = [5150, 5850] Active Port = 1+2

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

MIMO Mode = MIMO CCD Mode 2x2

Images:



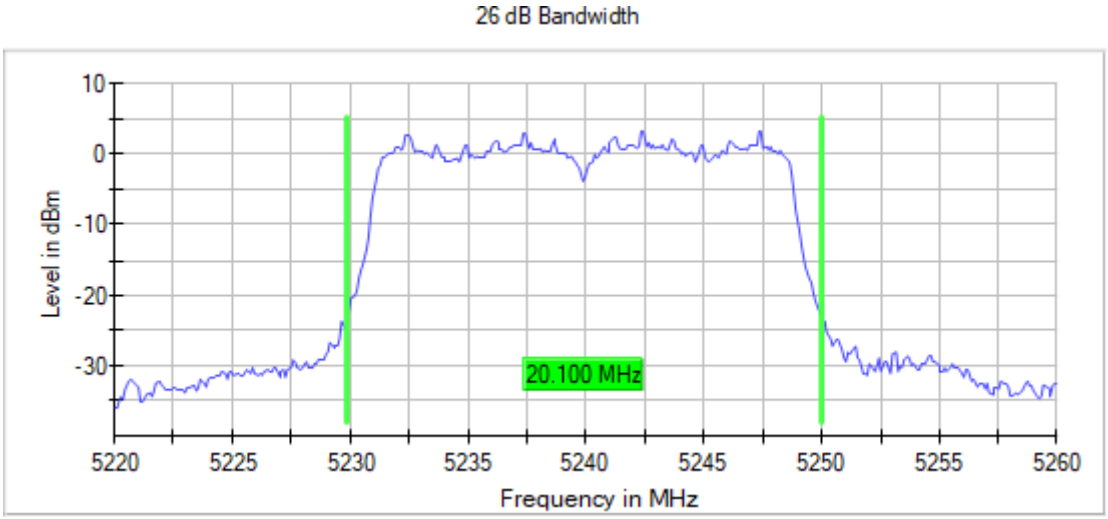


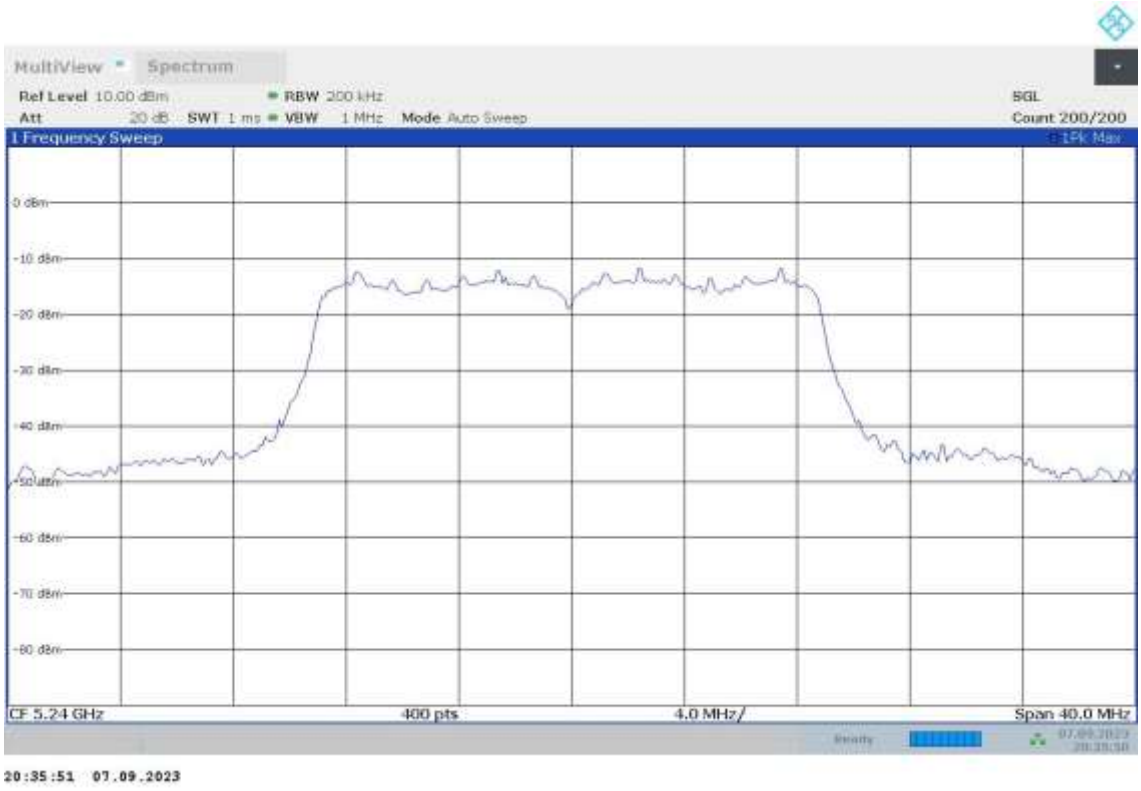
Operation Band MHz = [5150, 5850] Active Port = 1+2

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

MIMO Mode = MIMO CCD Mode 2x2

Images:



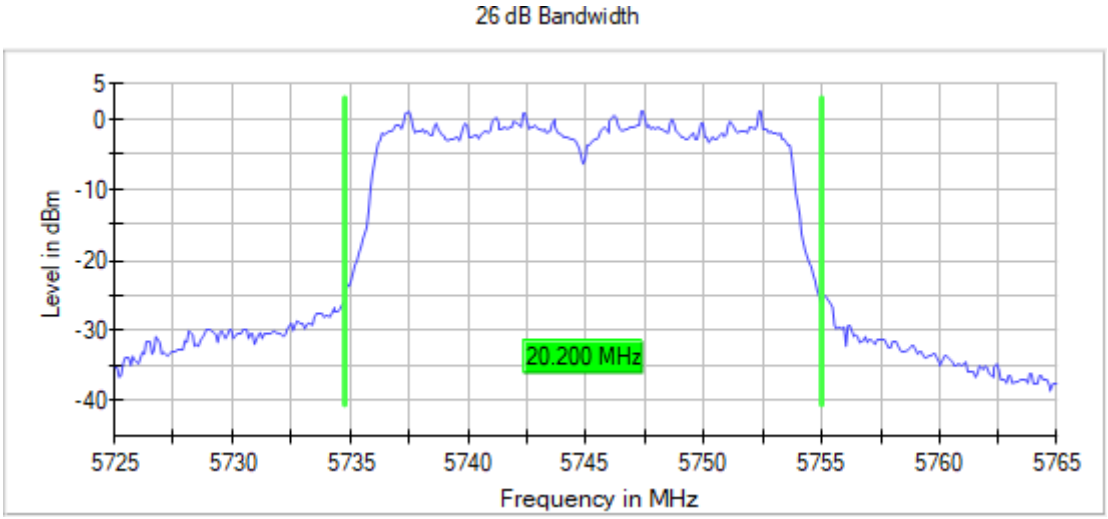


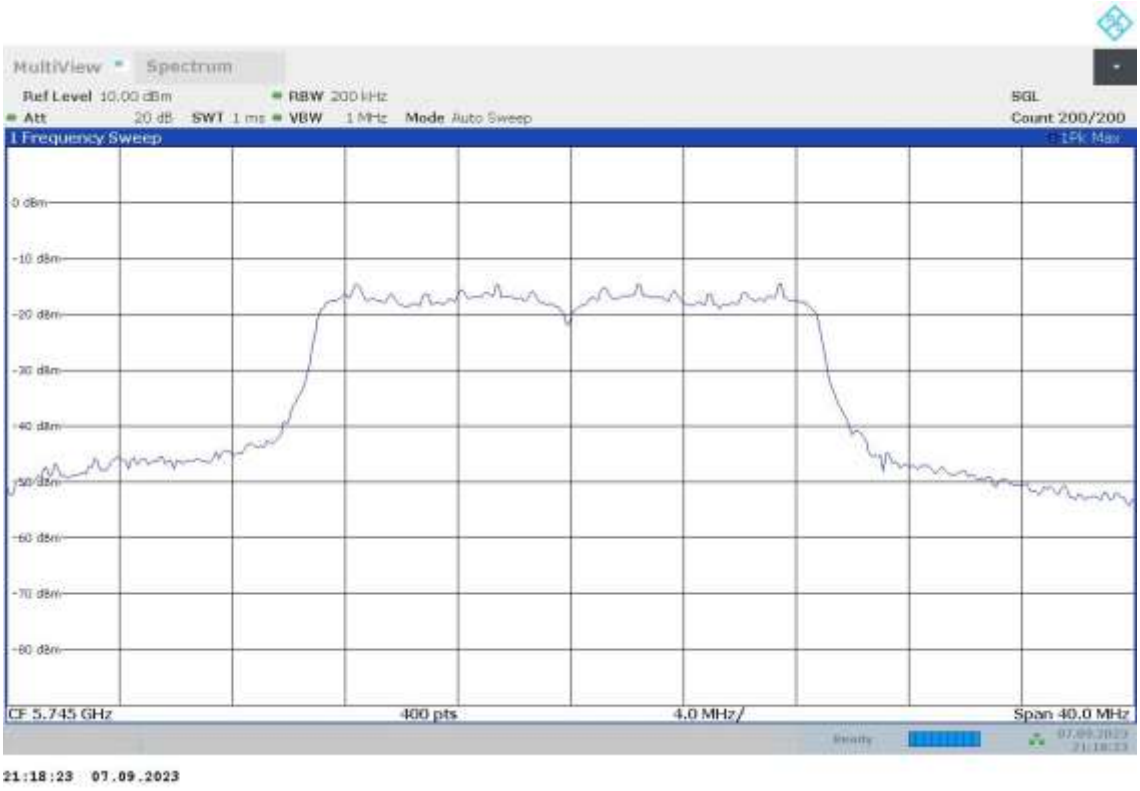
Operation Band MHz = [5150, 5850] Active Port = 1+2

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

MIMO Mode = MIMO CCD Mode 2x2

Images:



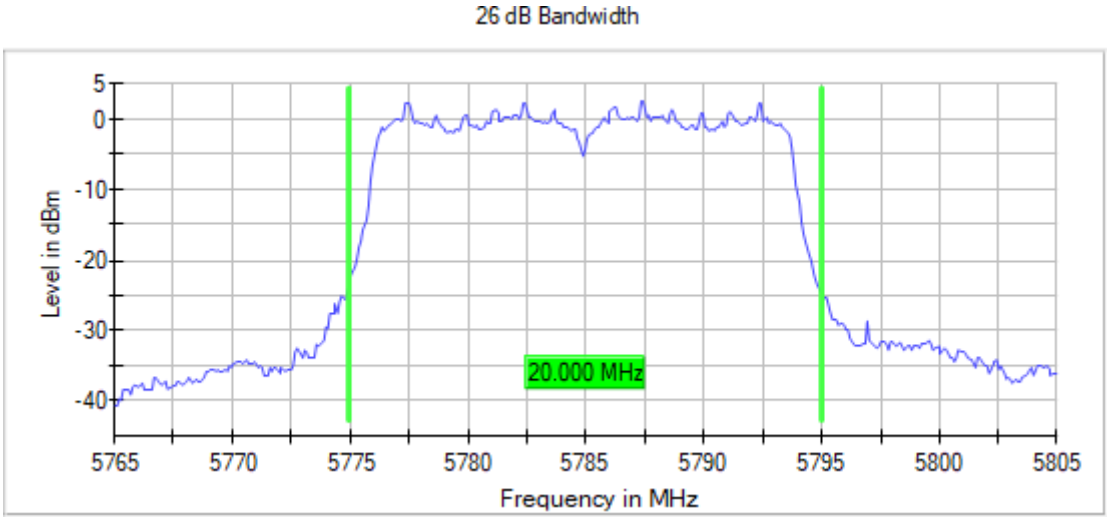


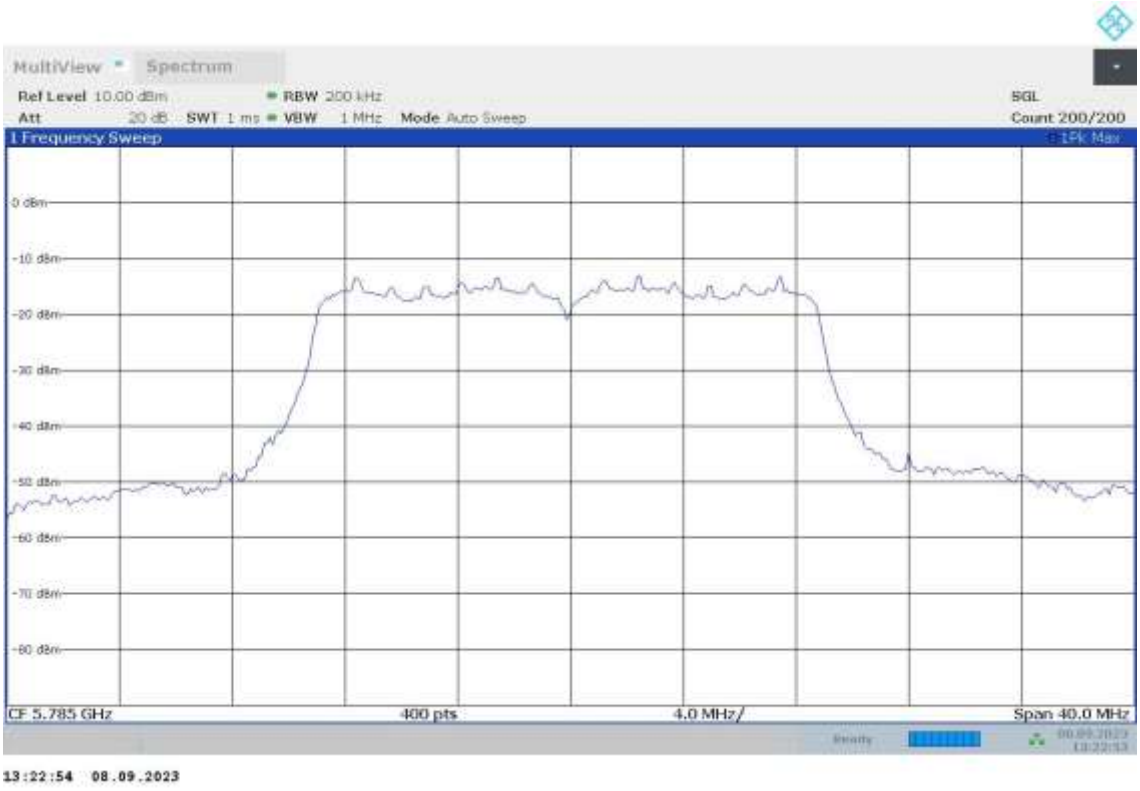
Operation Band MHz = [5150, 5850] Active Port = 1+2

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

MIMO Mode = MIMO CCD Mode 2x2

Images:



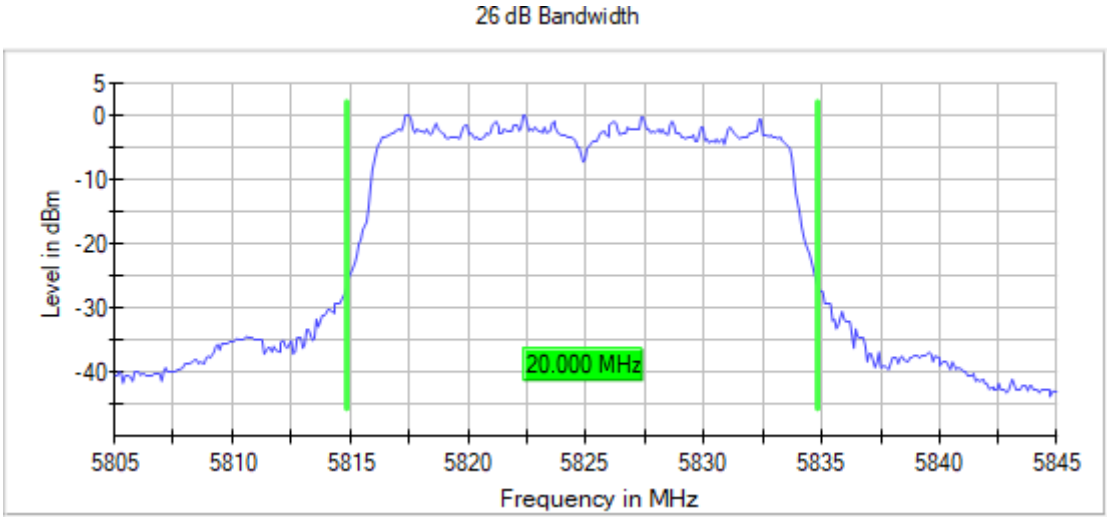


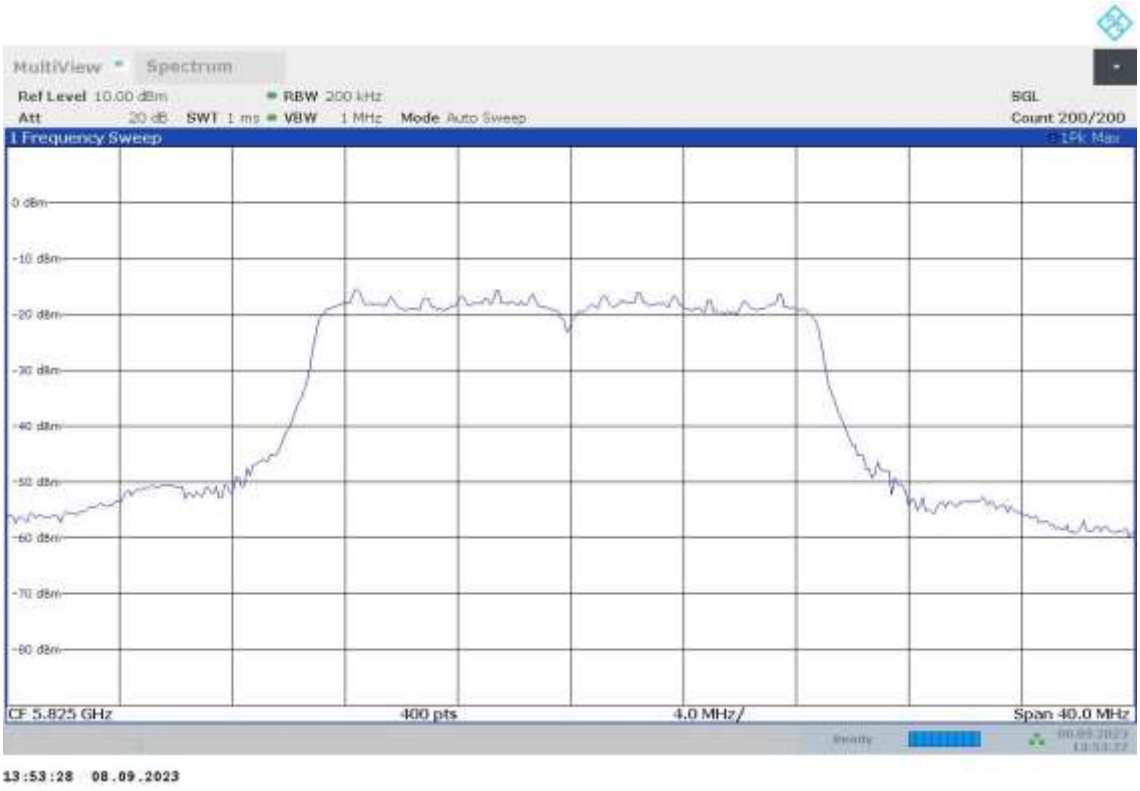
Operation Band MHz = [5150, 5850] Active Port = 1+2

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

MIMO Mode = MIMO CCD Mode 2x2

Images:





Modulation: 802.11n HT40 (OFDM MCS0)

MIMO Mode: MIMO CCD Mode 2x2

Results

Operation Band (MHz)	Port	Freq (MHz)	Ebw (MHz)
[5150, 5850]	1+2	5190.00000	40.525
		5230.00000	40.375
		5755.00000	40.375
		5795.00000	40.225

Verdict

Pass

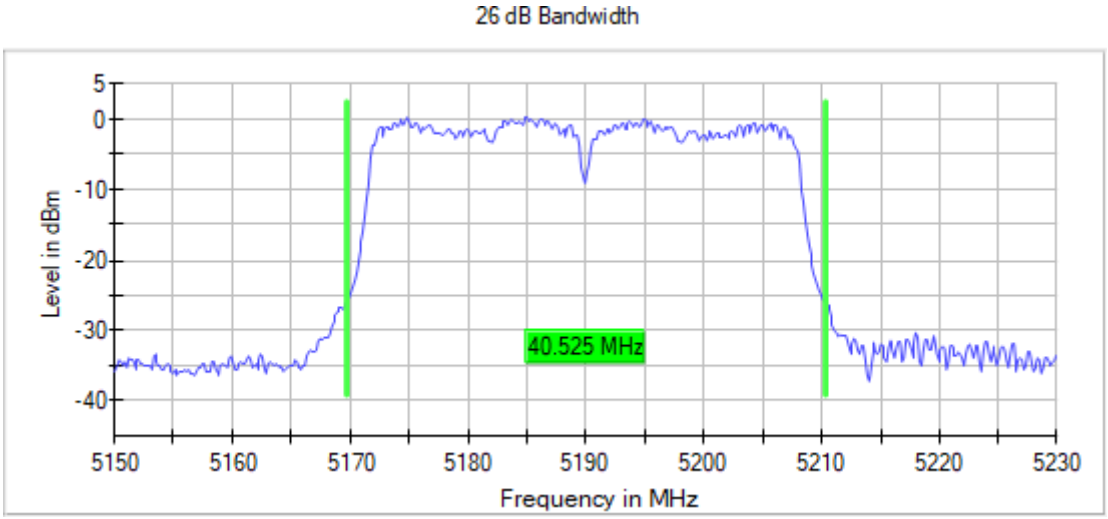
Attachments

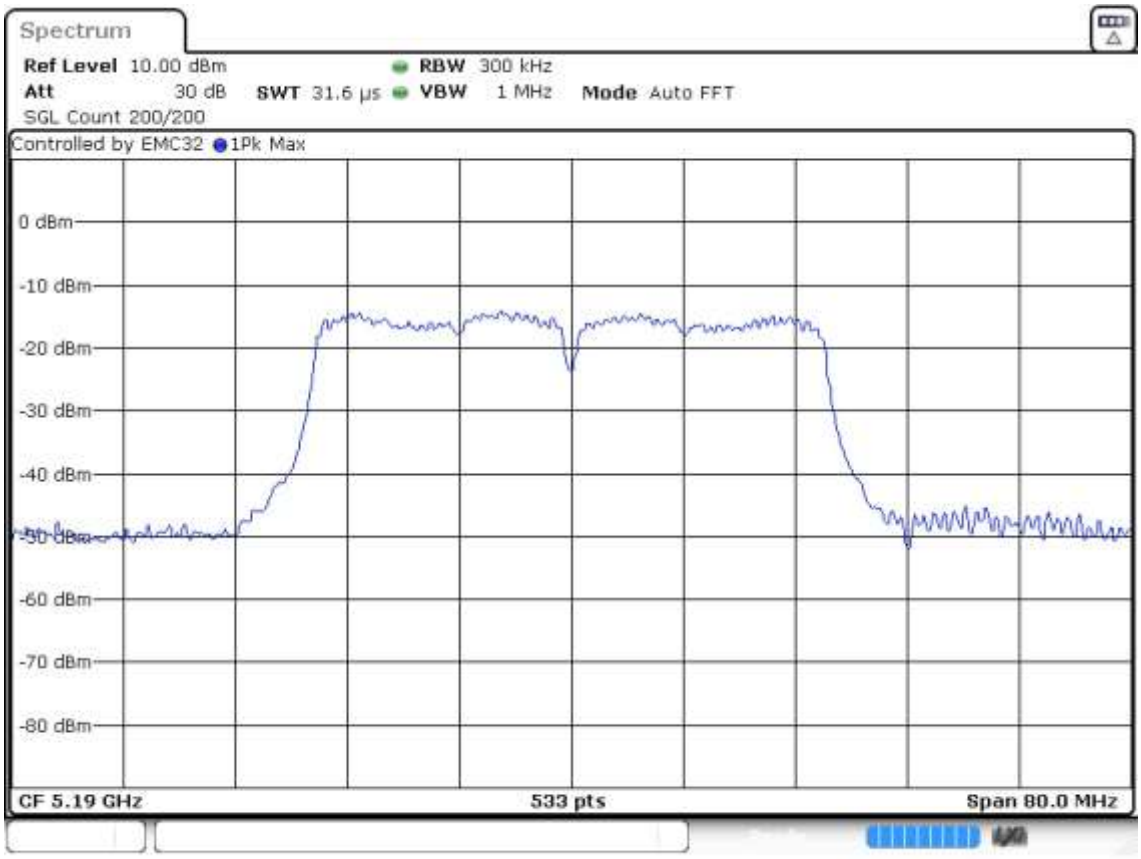
Operation Band MHz = [5150, 5850] Active Port = 1+2

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

MIMO Mode = MIMO CCD Mode 2x2

Images:





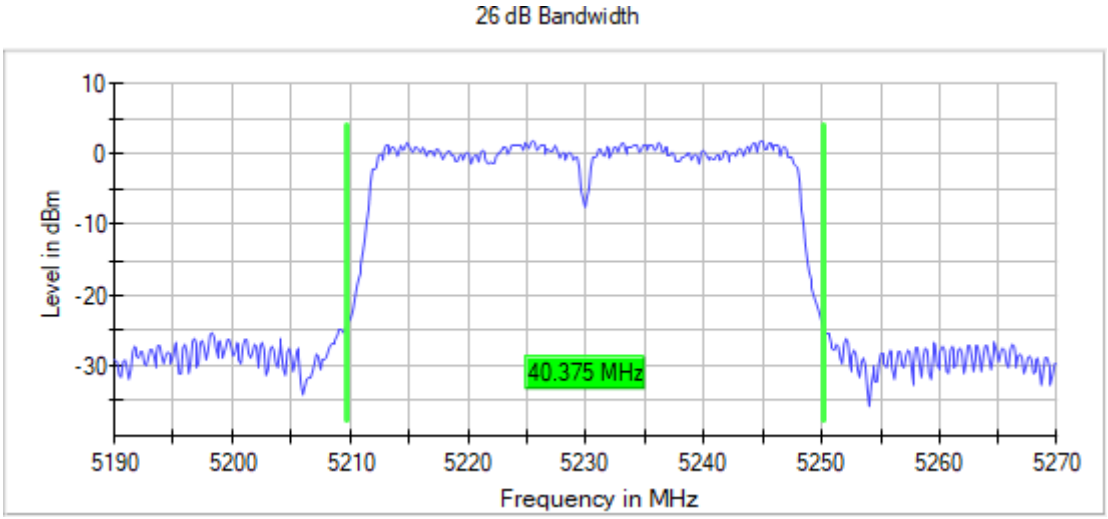
Date: 8.SEP.2023 19:28:55

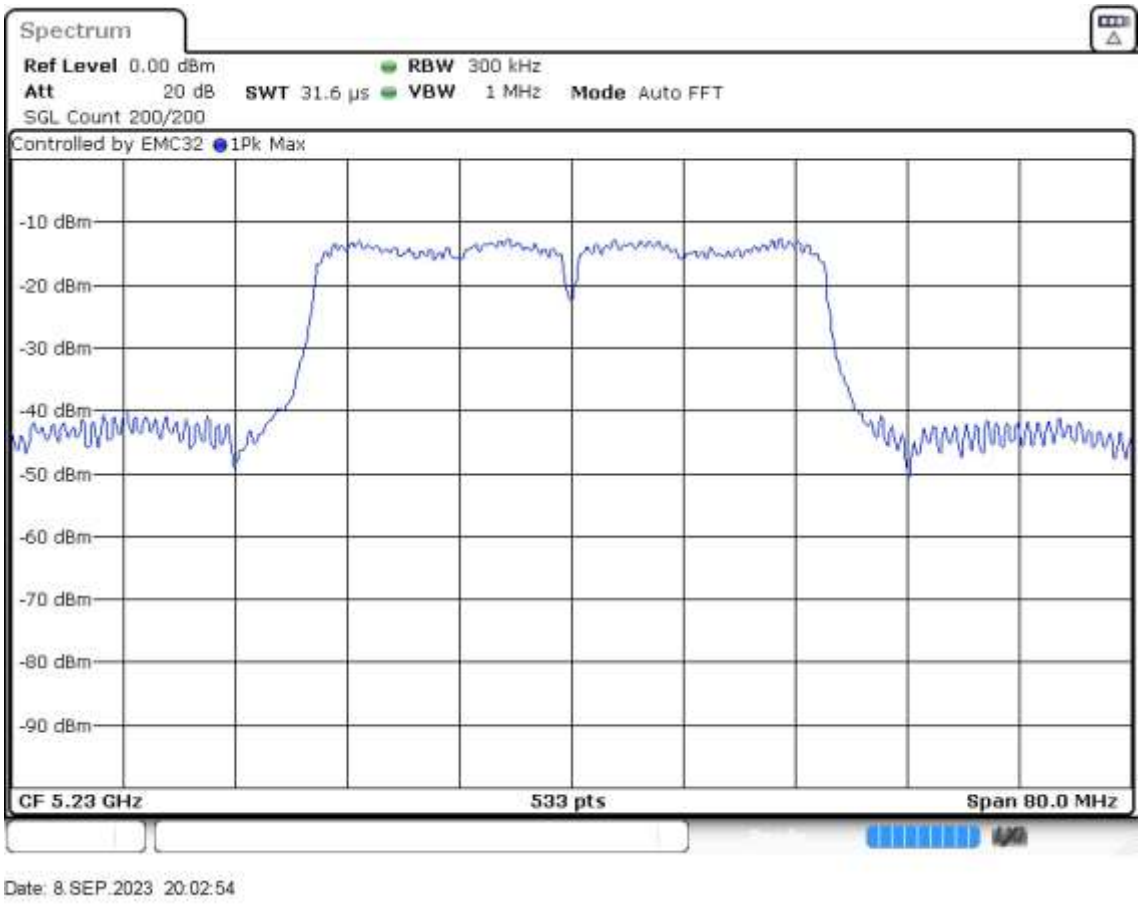
Operation Band MHz = [5150, 5850] Active Port = 1+2

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

MIMO Mode = MIMO CCD Mode 2x2

Images:





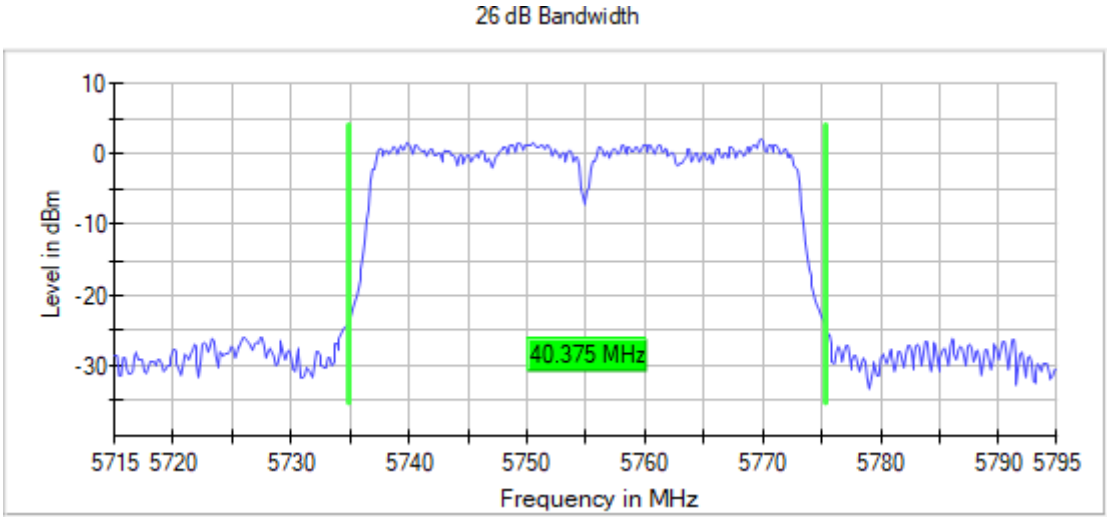
Date: 8.SEP.2023 20:02:54

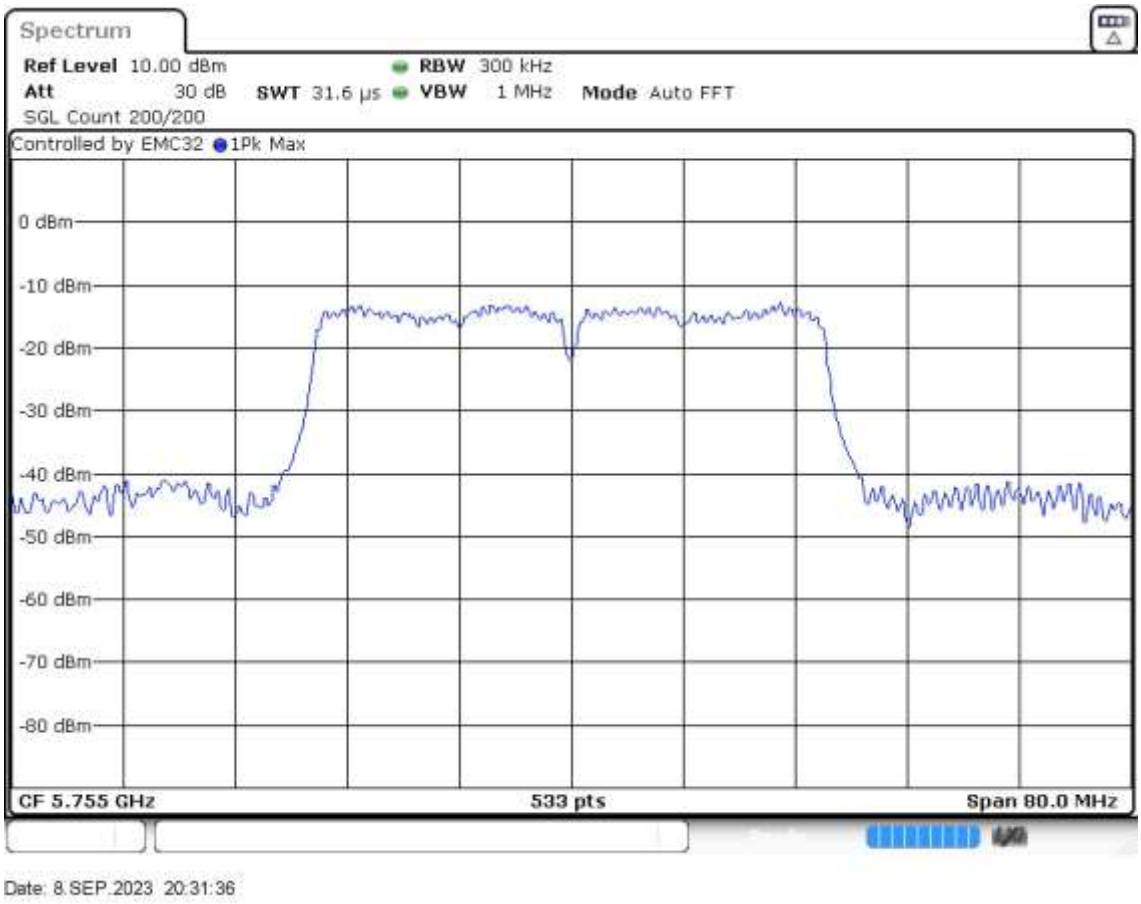
Operation Band MHz = [5150, 5850] Active Port = 1+2

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

MIMO Mode = MIMO CCD Mode 2x2

Images:





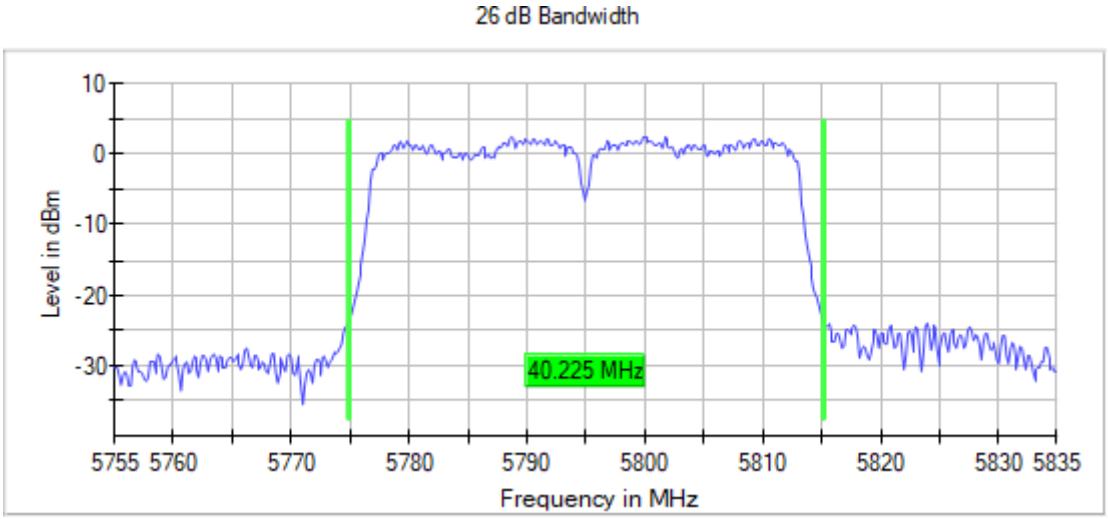
Date: 8.SEP.2023 20:31:36

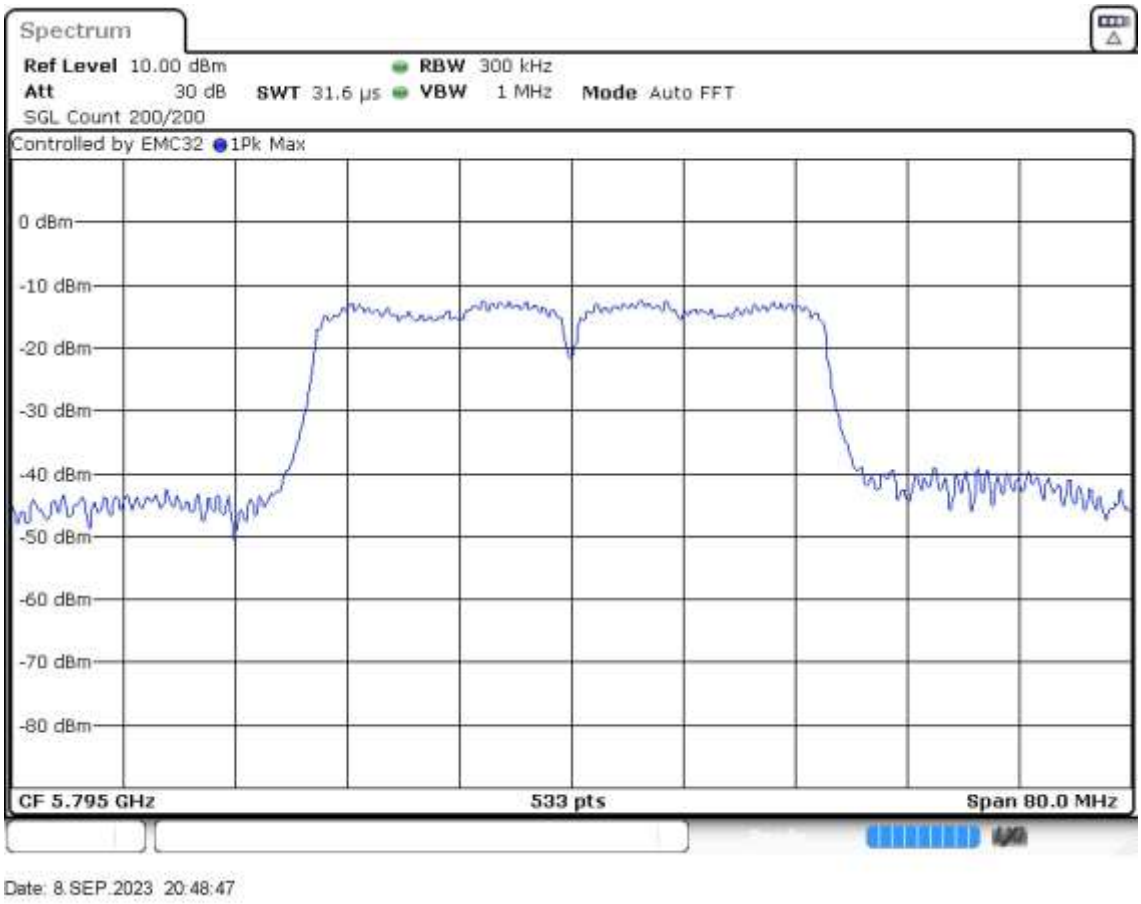
Operation Band MHz = [5150, 5850] Active Port = 1+2

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

MIMO Mode = MIMO CCD Mode 2x2

Images:





Date: 8.SEP.2023 20:48:47

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.

Frequency range 0.03 - 1 GHz
The spurious emissions below 1 GHz do not depend on the operating channel selected in the EUT.

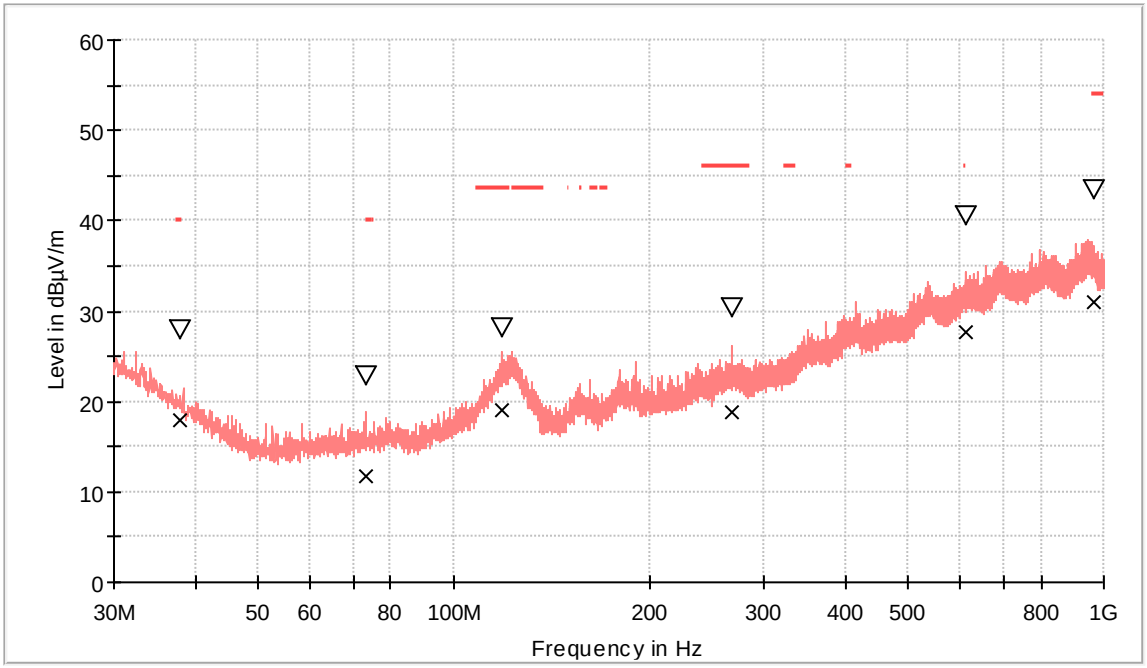
Modulation: 802. 11ax VHT20 (OFDM MCS8)

Results

Middle Channel

Active Port = 1+2, Frequency Range GHz = [0.03, 1], Frequency MHz = 5200.00000, Modulation = 802. 11ax VHT20 (OFDM MCS8), MODE =MIMO, Measurement Point = 6

Images:



PK+_MAXH
TX limits to Spurious Emission FCC15.407 (30MHz to 1GHz) Restricted Bands QPK Limit
MaxPeak-PK+ (Single)
QuasiPeak-QPK (Single)

Frequency (MHz)	MaxPeak (dBµV/m)	QuasiPeak (dBµV/m)	Pol	Margin - QPK (dB)	Limit - QPK (dBµV/m)
37.905500	27.8	17.9	H	22.1	40.0
73.116500	22.9	11.7	V	28.3	40.0
118.900500	28.1	19.0	V	24.5	43.5
267.310500	30.3	18.9	H	27.1	46.0
611.321000	40.6	27.6	H	18.4	46.0
964.643500	43.3	31.1	H	22.9	54.0

UNII-1:

Modulation: 802.11ax VHT40 (OFDM MCS9)
Results

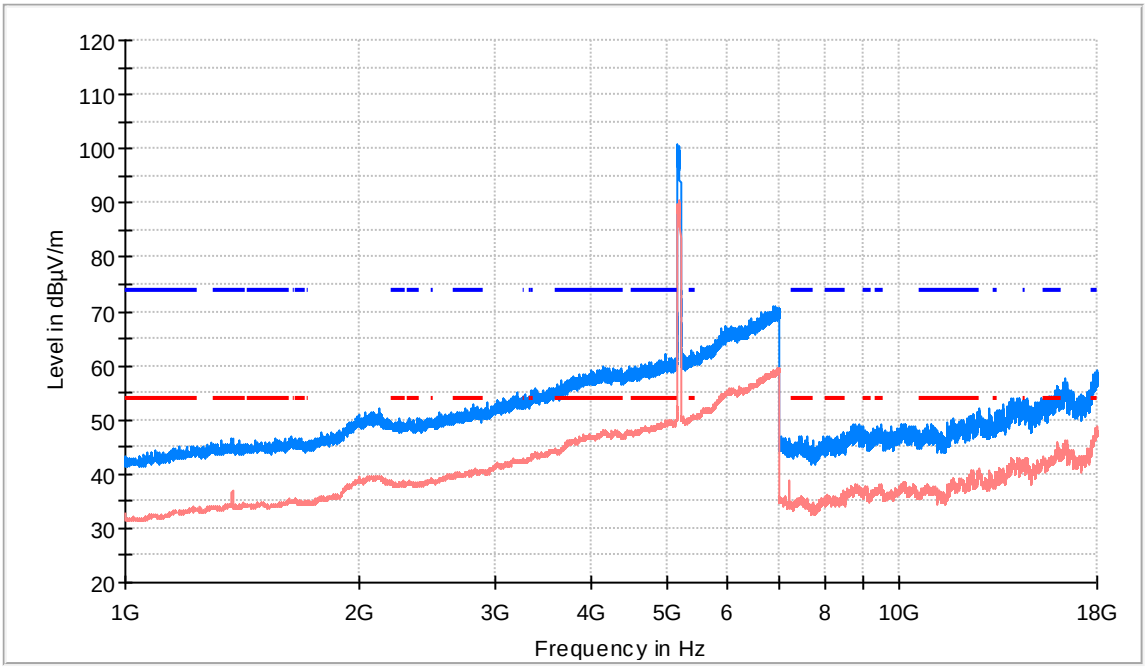
Verdict

Pass

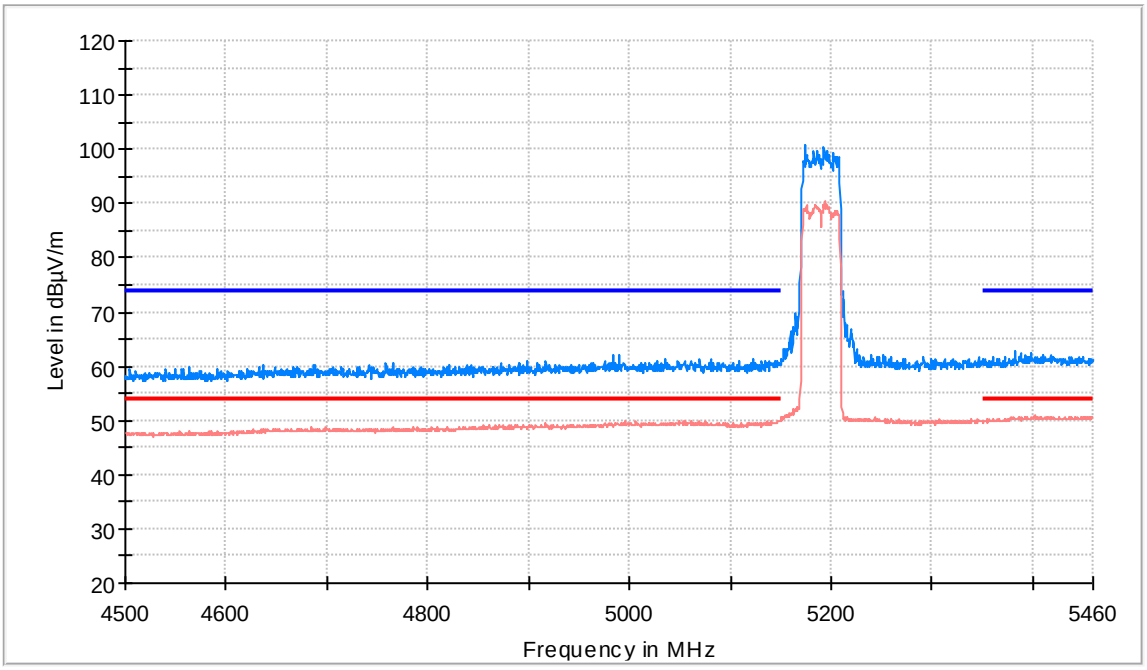
Attachments

Frequency Range GHz = [1, 18], Frequency MHz = 5190.00000, Modulation = 802.11ax VHT40 (OFDM MCS9), Mode = MIMO, Measurement Point = 1

Images:



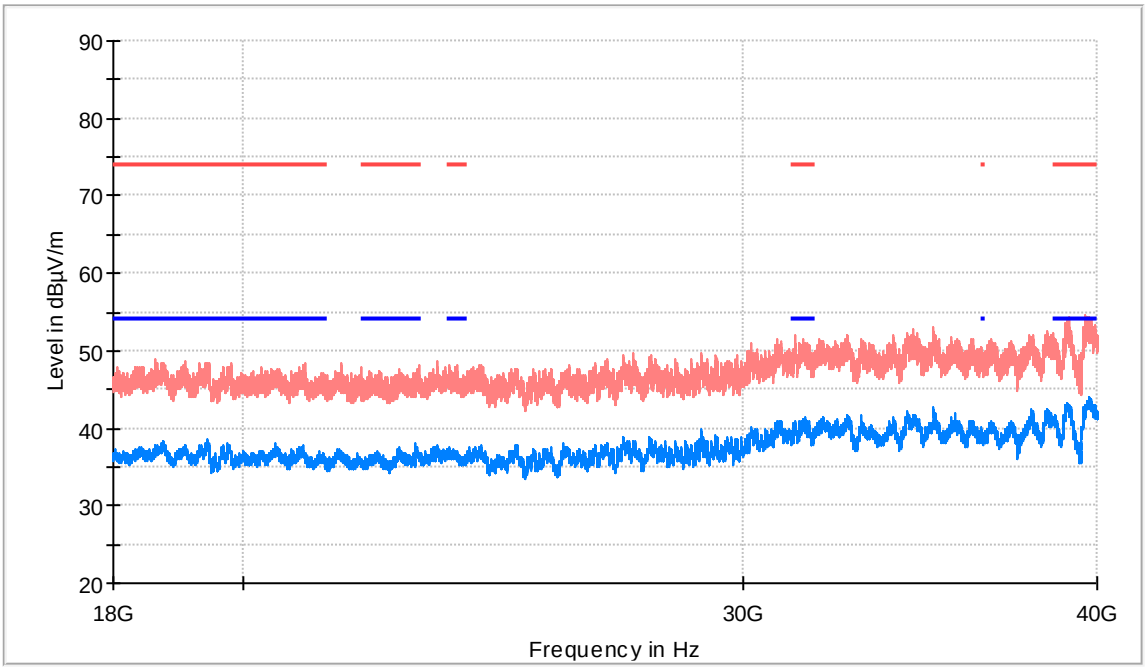
Frequency (MHz)	PK+_MAXH (dBµV/m)	AVG_MAXH (dBµV/m)	Pol	Margin - AVG (dB)	Limit - AVG (dBµV/m)	Comment
4137.000000	59.7	47.6	H	6.4	54.0	
5174.000000	100.9	88.7	H	---	---	Fundamental
17956.500000	59.2	47.4	H	6.6	54.0	



PK+_MAXH
AVG_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 Range GHz = [18, 40], Frequency MHz = 5190.00000, Modulation = 802.11ax VHT40 (OFDM MCS9), Mode = MIMO, Measurement Point = 1

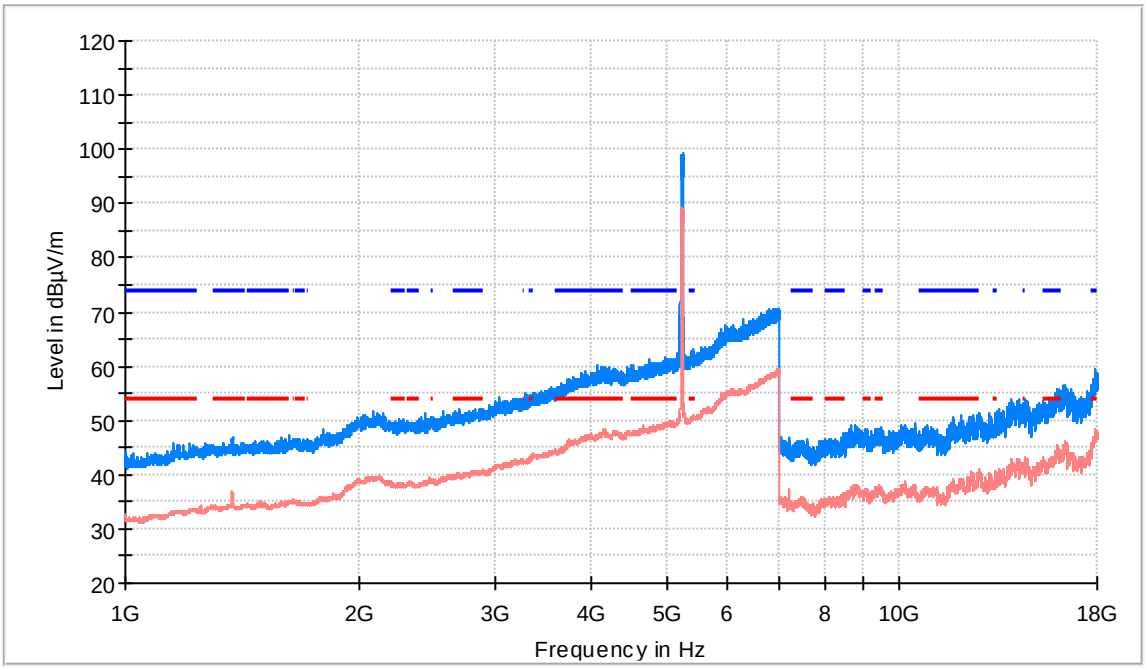
Images:



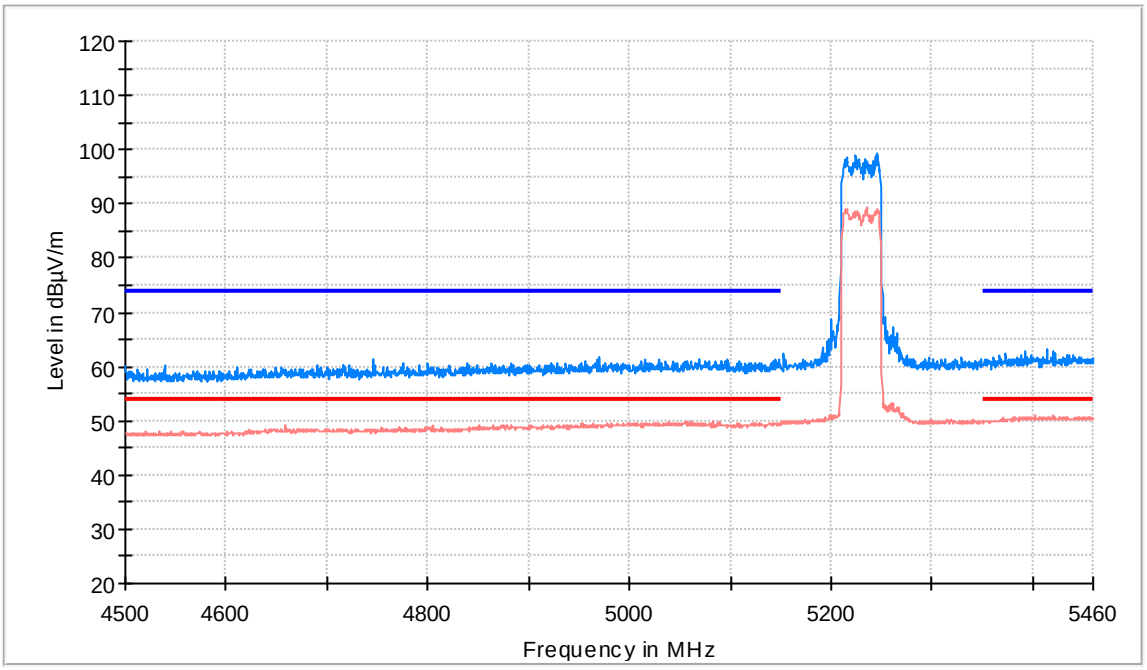
Frequency (MHz)	PK+_MAXH (dBµV/m)	AVG_MAXH (dBµV/m)	Pol	Margin - AVG (dB)	Limit - AVG (dBµV/m)
19431.375000	47.7	38.6	V	15.4	54.0
31541.687500	49.5	41.6	V	12.4	54.0
39626.000000	54.6	42.4	V	11.6	54.0

Frequency Range GHz = [1, 18], Frequency MHz = 5230.00000, Modulation = 802.11ax VHT40 (OFDM MCS9), Mode = MIMO, Measurement Point = 1

Images:



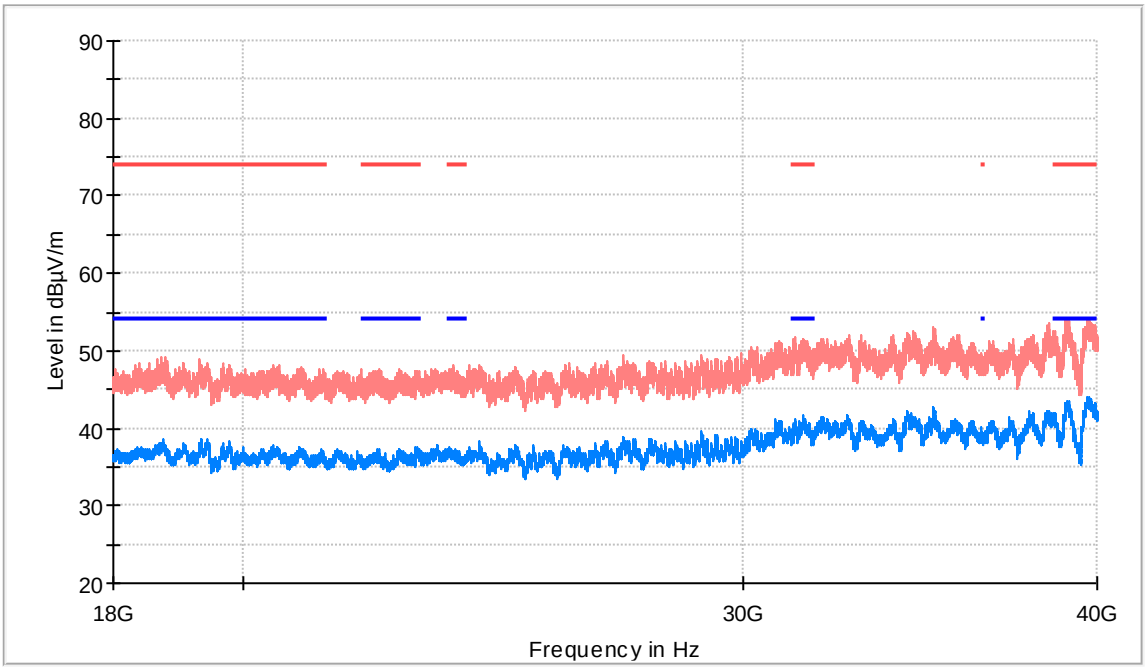
Frequency (MHz)	PK+_MAXH (dBµV/m)	AVG_MAXH (dBµV/m)	Pol	Margin - AVG (dB)	Limit - AVG (dBµV/m)	Comment
1375.500000	47.1	35.3	V	18.7	54.0	
5245.000000	99.5	88.5	H	---	---	Fundamental
17942.000000	59.4	47.3	V	6.7	54.0	



PK+_MAXH
AVG_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 Range GHz = [18, 40], Frequency MHz = 5230.00000, Modulation = 802.11ax VHT40 (OFDM MCS9), Mode = MIMO, Measurement Point = 1

Images:



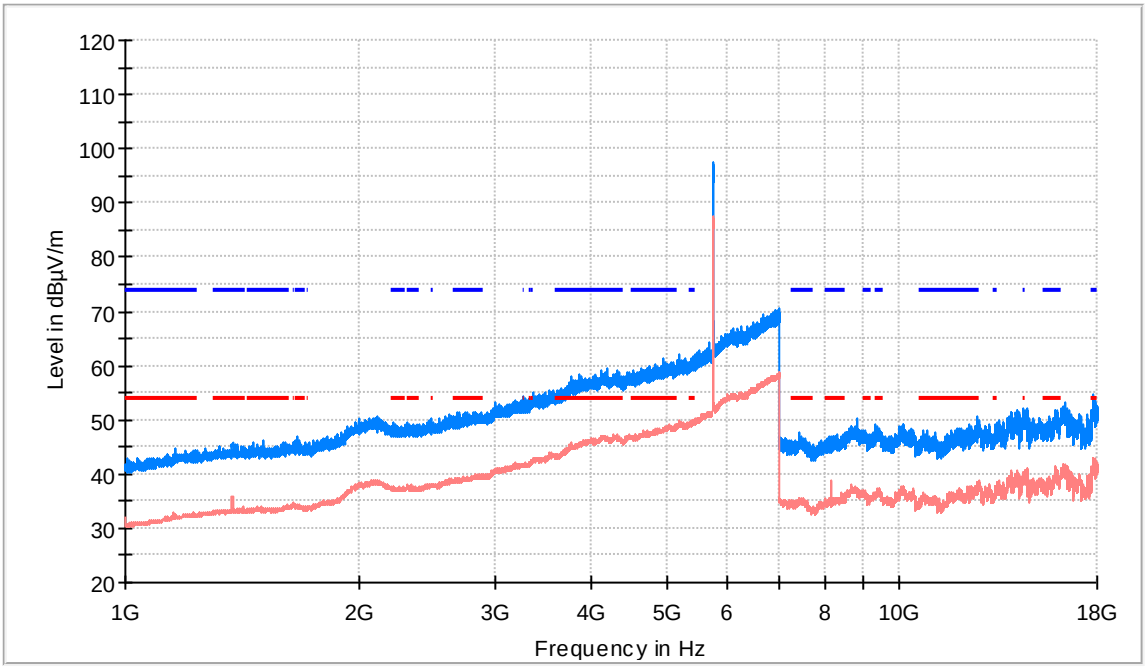
AVG_MAXH
PK+_MAXH
TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands PK Limit
TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands AVG Limit

Frequency (MHz)	PK+_MAXH (dBµV/m)	AVG_MAXH (dBµV/m)	Pol	Margin - AVG (dB)	Limit - AVG (dBµV/m)
19325.500000	46.8	38.5	H	15.5	54.0
31527.250000	50.8	41.7	V	12.3	54.0
39716.062500	53.6	44.0	H	10.0	54.0

UNII-3:

Frequency Range GHz = [1, 18], Frequency MHz = 5745.00000, Modulation = 802.11ax VHT20 SS1 (OFDM MCS8), Mode = MIMO, Measurement Point = 1

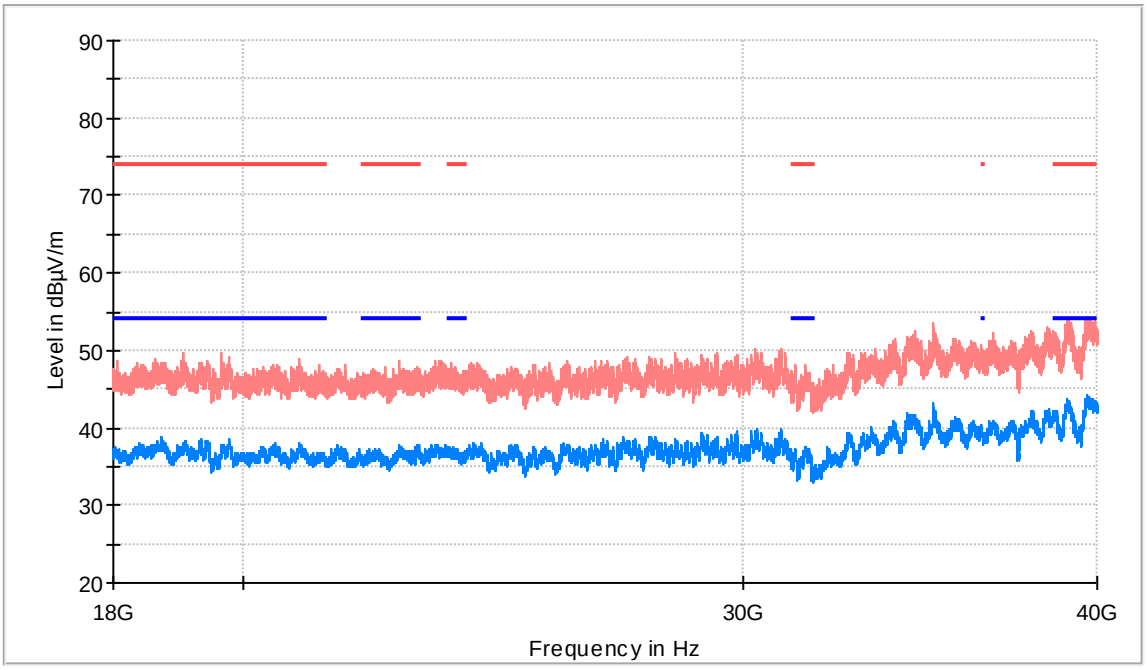
Images:



Frequency (MHz)	PK+_MAXH (dBµV/m)	AVG_MAXH (dBµV/m)	Pol	Margin - AVG (dB)	Limit - AVG (dBµV/m)	Comment
4954.500000	61.2	48.2	H	5.8	54.0	
5749.500000	97.4	85.8	H	---	---	Fundamental
17782.500000	54.8	43.0	H	11.0	54.0	

Frequency Range GHz = [18, 40], Frequency MHz = 5745.00000, Modulation = 802.11ax VHT20 SS1 (OFDM MCS8), Mode = MIMO, Measurement Point = 1

Images:

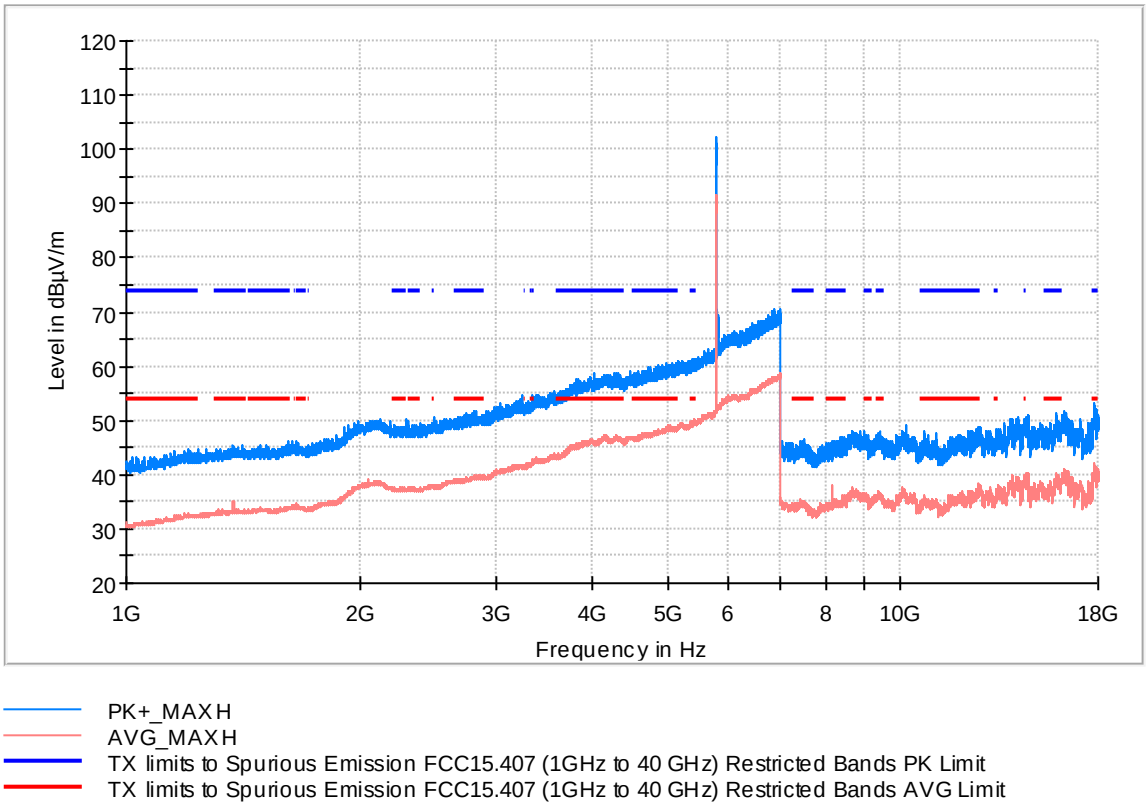


AVG_MAXH
PK+_MAXH
TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands PK Limit
TX limits to Spurious Emission FCC15.407 (1GHz to 40 GHz) Restricted Bands AVG Limit

Frequency (MHz)	PK+_MAXH (dBµV/m)	AVG_MAXH (dBµV/m)	Pol	Margin - AVG (dB)	Limit - AVG (dBµV/m)
18723.250000	47.7	38.8	V	15.2	54.0
36475.875000	49.8	38.3	H	15.7	54.0
39654.875000	52.6	44.2	H	9.8	54.0

Frequency Range GHz = [1, 18], Frequency MHz = 5785.00000, Modulation = 802.11ax VHT20 SS1 (OFDM MCS8), Mode = MIMO, Measurement Point = 1

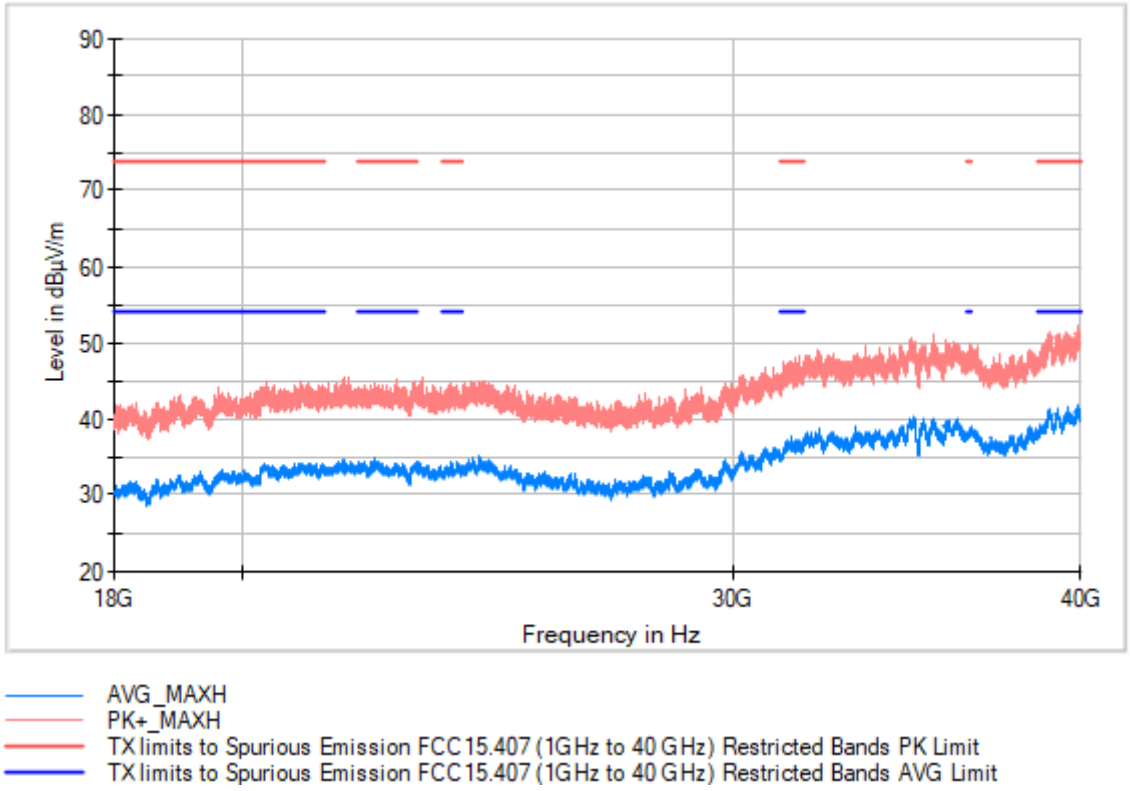
Images:



Frequency (MHz)	PK+_MAXH (dBµV/m)	AVG_MAXH (dBµV/m)	Pol	Margin - AVG (dB)	Limit - AVG (dBµV/m)	Comment
4018.500000	58.7	46.0	H	8.0	54.0	
5792.500000	102.2	90.9	V	---	---	Fundamental
17780.000000	53.0	41.4	H	12.6	54.0	

Frequency Range GHz = [18, 40], Frequency MHz = 5785.00000, Modulation = 802.11ax VHT20 SS1 (OFDM MCS8), Mode = MIMO, Measurement Point = 1

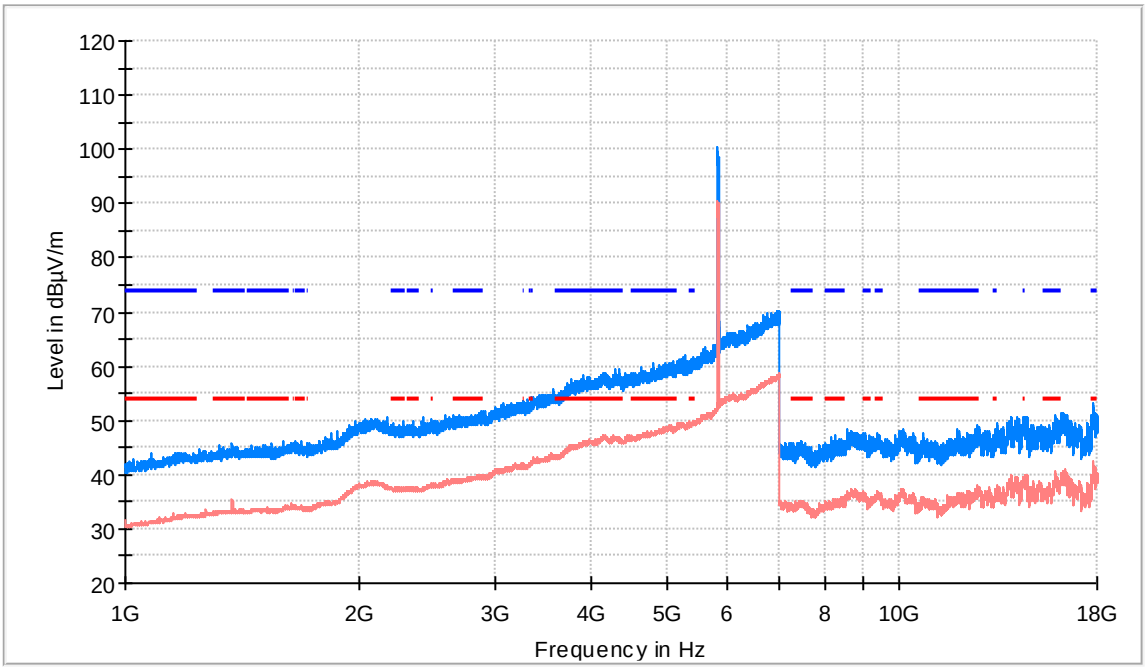
Images:



Frequency (MHz)	PK+_MAXH (dBµV/m)	AVG_MAXH (dBµV/m)	Pol	Margin - AVG (dB)	Limit - AVG (dBµV/m)
19070.437500	47.1	38.5	H	15.5	54.0
36491.000000	48.0	39.6	H	14.4	54.0
39793.750000	54.8	42.9	V	11.1	54.0

Frequency Range GHz = [1, 18], Frequency MHz = 5825.00000, Modulation = 802.11ax VHT20 SS1 (OFDM MCS8), Mode = MIMO, Measurement Point = 1

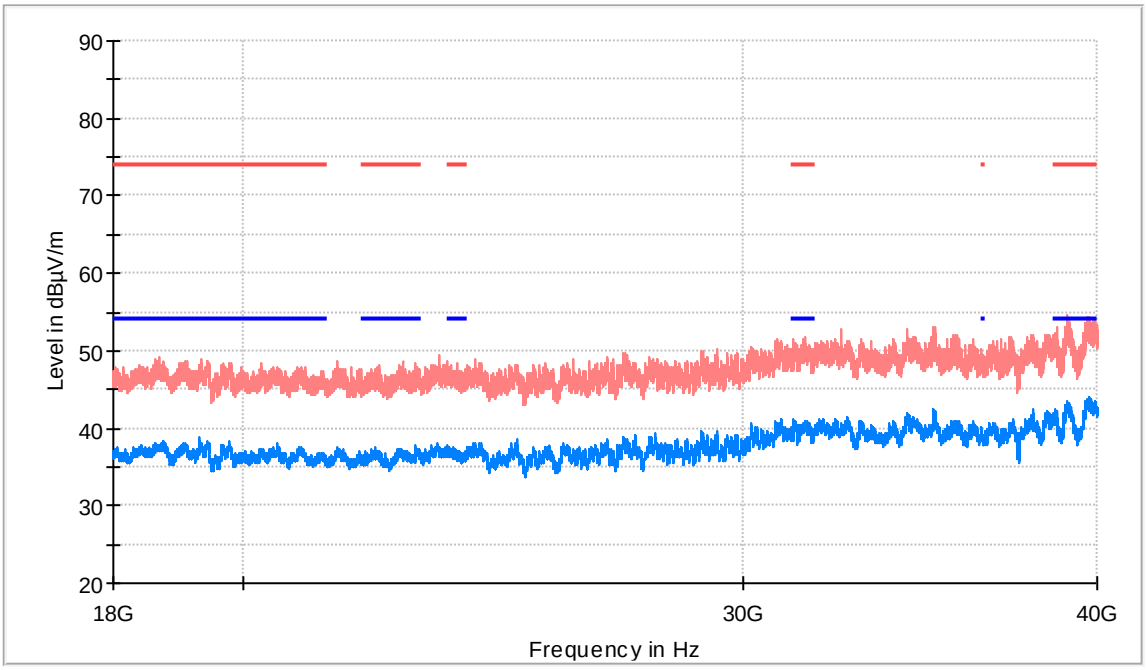
Images:



Frequency (MHz)	PK+_MAXH (dBµV/m)	AVG_MAXH (dBµV/m)	Pol	Margin - AVG (dB)	Limit - AVG (dBµV/m)	Comment
4282.500000	59.4	46.8	V	7.2	54.0	
5822.500000	100.5	89.6	V	---	---	Fundamental
17802.000000	53.1	41.4	H	12.6	54.0	

Frequency Range GHz = [18, 40], Frequency MHz = 5825.00000, Modulation = 802.11ax VHT20 SS1 (OFDM MCS8), Mode = MIMO, Measurement Point = 1

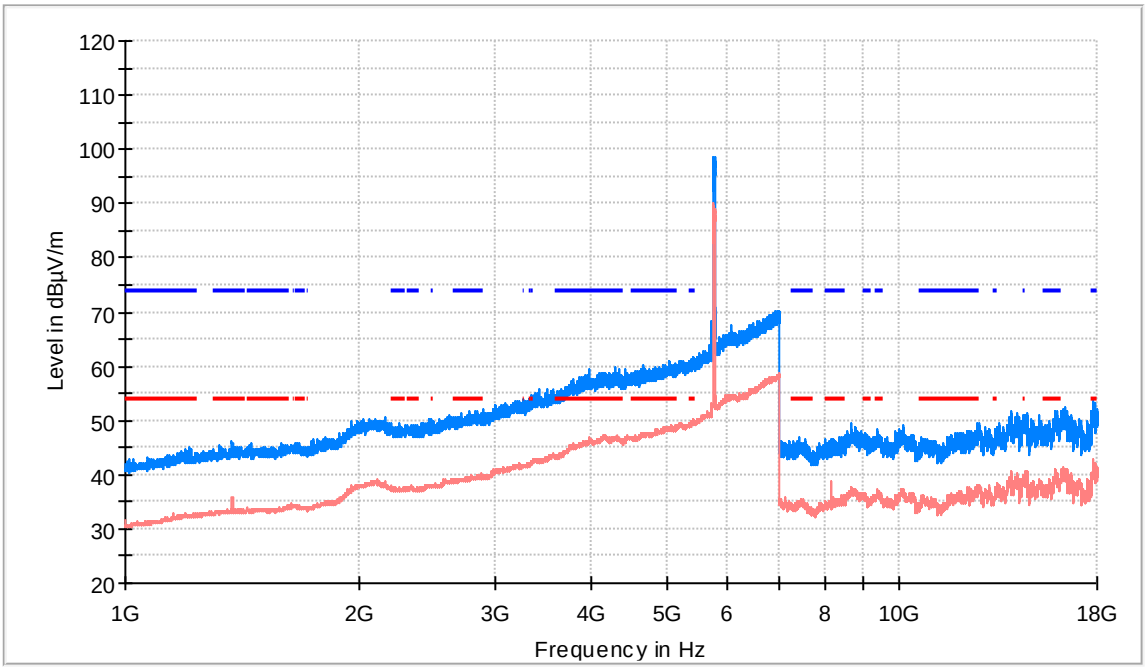
Images:



Frequency (MHz)	PK+_MAXH (dBµV/m)	AVG_MAXH (dBµV/m)	Pol	Margin - AVG (dB)	Limit - AVG (dBµV/m)
19310.375000	48.0	38.8	V	15.2	54.0
31279.750000	50.0	41.1	H	12.9	54.0
39725.687500	52.9	44.0	V	10.0	54.0

Frequency Range GHz = [1, 18], Frequency MHz = 5755.00000, Modulation = 802.11ac VHT40 SS1 (OFDM MCS9), Mode = MIMO, Measurement Point = 1

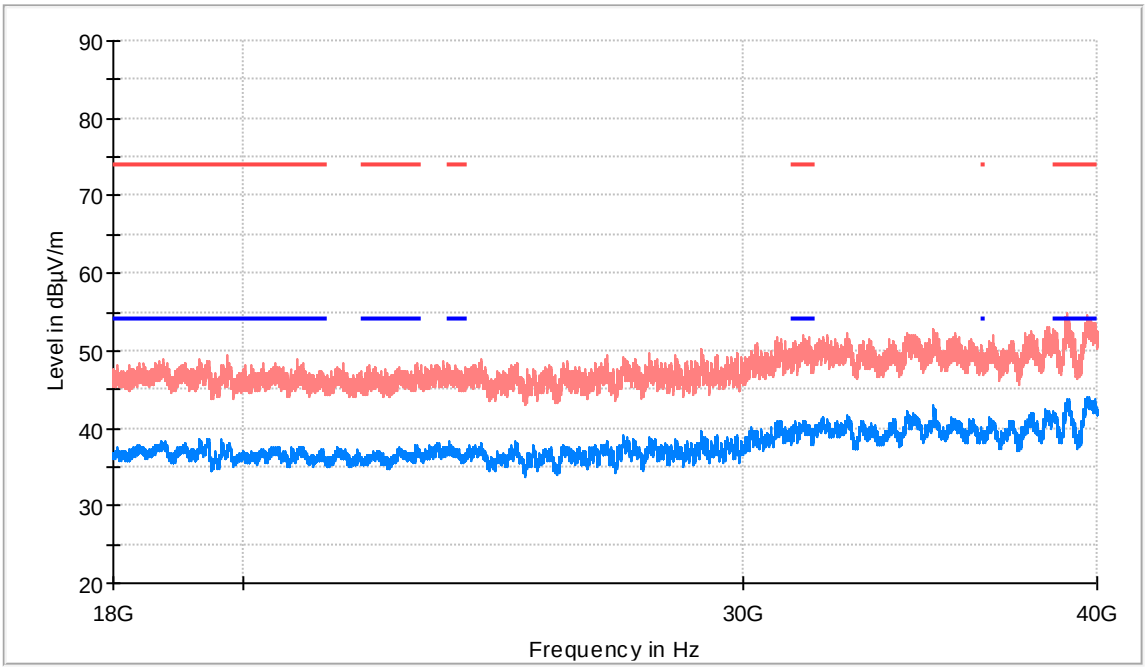
Images:



Frequency (MHz)	PK+_MAXH (dBµV/m)	AVG_MAXH (dBµV/m)	Pol	Margin - AVG (dB)	Limit - AVG (dBµV/m)	Comment
4304.500000	59.7	46.7	V	7.3	54.0	
5764.000000	98.4	87.9	V	---	---	Fundamental
17787.500000	53.4	42.1	V	11.9	54.0	

Frequency Range GHz = [18, 40], Frequency MHz = 5755.00000, Modulation = 802.11ac VHT40 SS1 (OFDM MCS9), Mode = MIMO, Measurement Point = 1

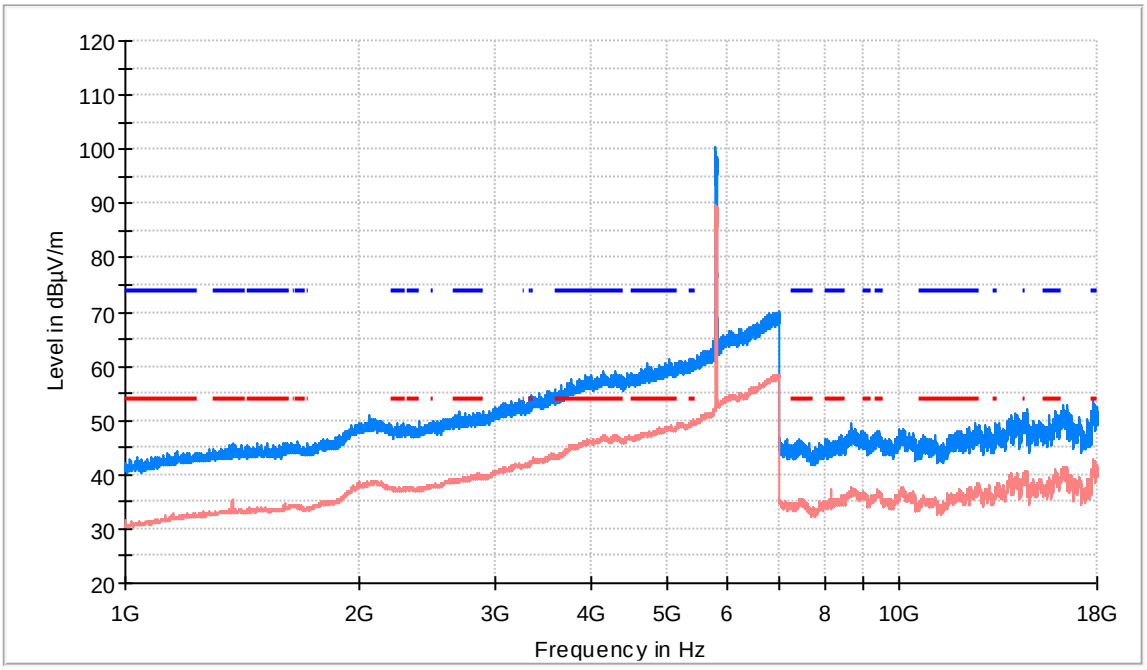
Images:



Frequency (MHz)	PK+_MAXH (dBµV/m)	AVG_MAXH (dBµV/m)	Pol	Margin - AVG (dB)	Limit - AVG (dBµV/m)
19430.000000	48.1	38.6	V	15.4	54.0
31514.875000	49.0	40.9	V	13.1	54.0
39700.250000	53.0	43.9	H	10.1	54.0

Frequency Range GHz = [1, 18], Frequency MHz = 5795.00000, Modulation = 802.11ac VHT40 SS1 (OFDM MCS9), Mode = MIMO, Measurement Point = 1

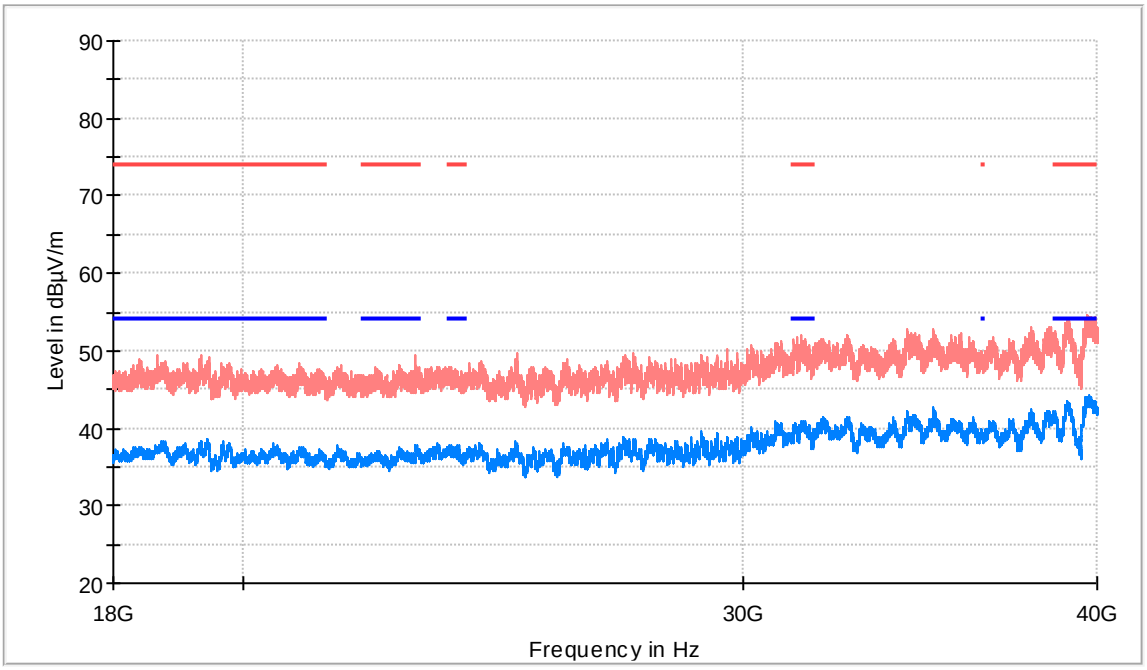
Images:



Frequency (MHz)	PK+_MAXH (dBµV/m)	AVG_MAXH (dBµV/m)	Pol	Margin - AVG (dB)	Limit - AVG (dBµV/m)	Comment
5032.000000	61.4	48.4	H	5.6	54.0	
5787.500000	100.5	88.7	V	---	---	Fundamental
17802.000000	53.6	42.0	H	12.0	54.0	

Frequency Range GHz = [18, 40], Frequency MHz = 5795.00000, Modulation = 802.11ac VHT40 SS1 (OFDM MCS9), Mode = MIMO, Measurement Point = 1

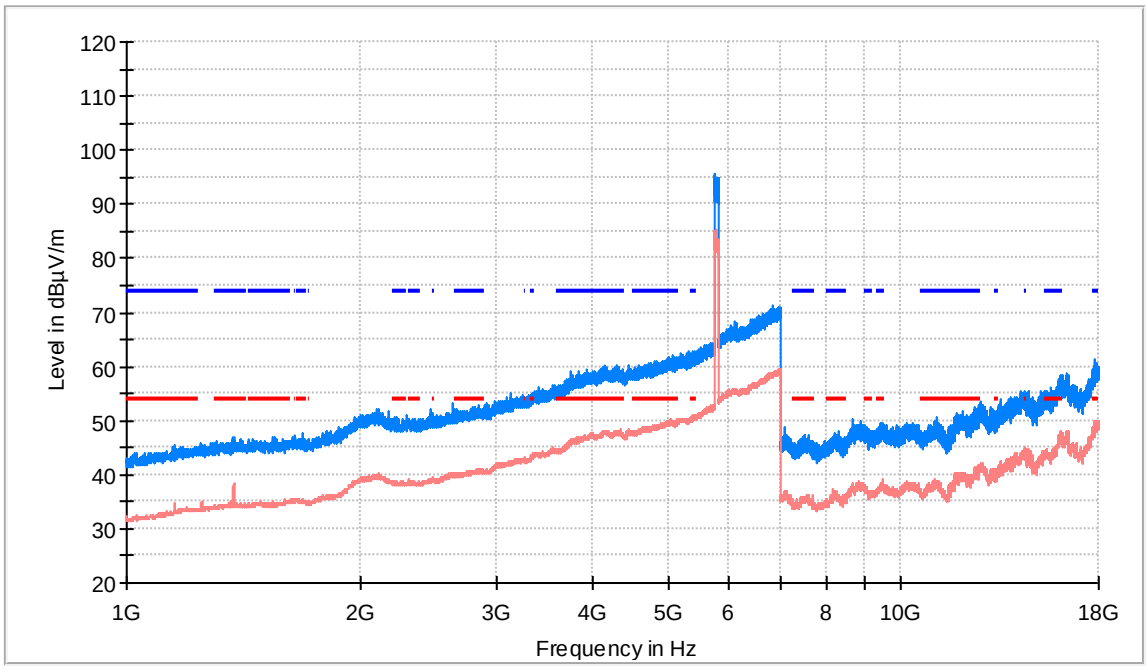
Images:



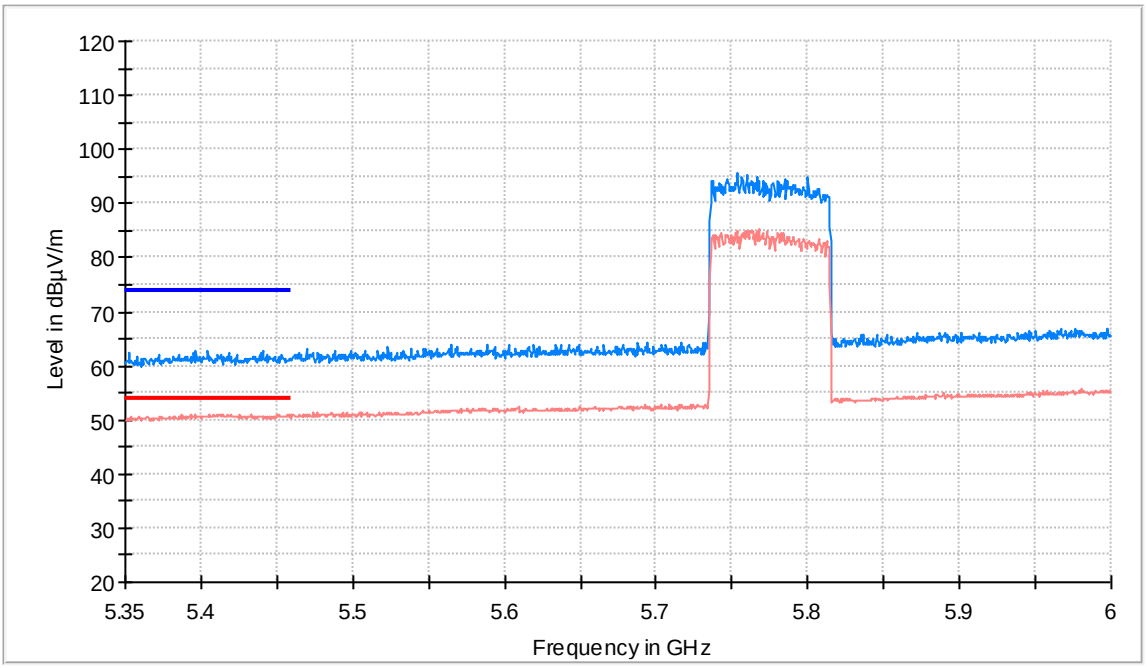
Frequency (MHz)	PK+_MAXH (dBµV/m)	AVG_MAXH (dBµV/m)	Pol	Margin - AVG (dB)	Limit - AVG (dBµV/m)
19337.187500	49.4	37.3	V	16.7	54.0
31457.812500	49.3	40.9	H	13.1	54.0
39710.562500	52.7	44.2	H	9.8	54.0

Frequency Range GHz = [1, 18], Frequency MHz = 5775.00000, Modulation = 802.11ax VHT80 SS1 (OFDM MCS9), Mode = MIMO, Measurement Point = 1

Images:



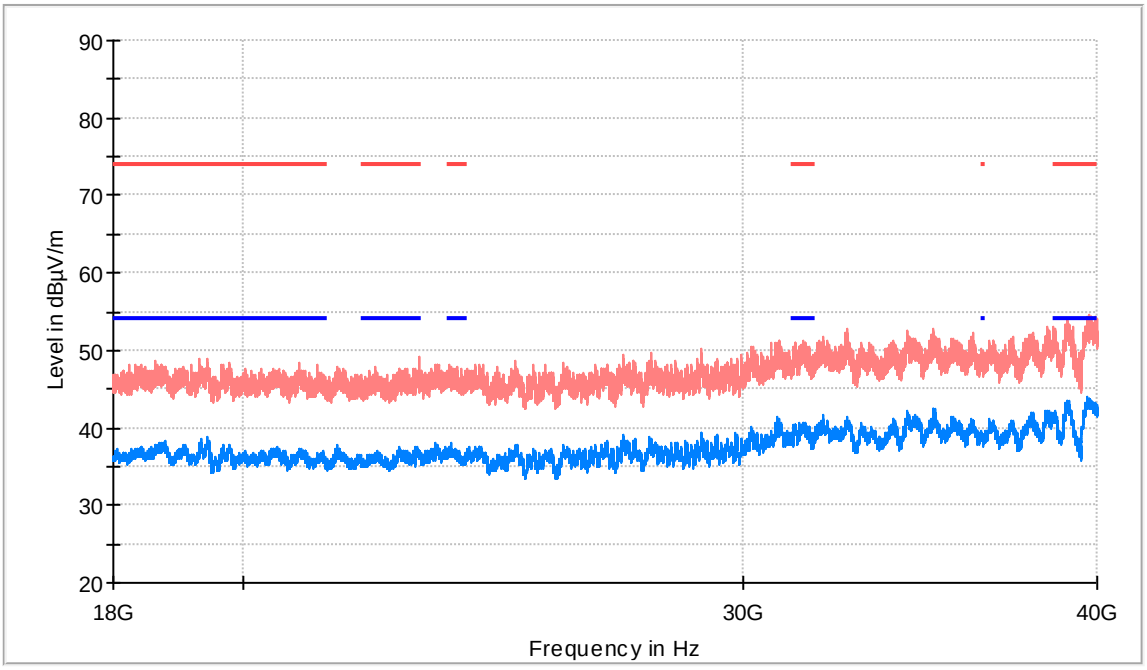
Frequency (MHz)	PK+_MAXH (dBµV/m)	AVG_MAXH (dBµV/m)	Pol	Margin - AVG (dB)	Limit - AVG (dBµV/m)	Comment
1375.000000	47.1	38.3	V	15.7	54.0	
5767.500000	94.3	85.2	H	---	---	Fundamental
11762.500000	50.1	40.4	H	13.6	54.0	



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 = 5775.00000, Modulation = 802.11ac VHT80 SS1 (OFDM MCS9), 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)
19429.312500	47.0	39.0	H	15.0	54.0
31419.312500	49.1	40.7	H	13.3	54.0
39646.625000	53.9	43.9	H	10.1	54.0