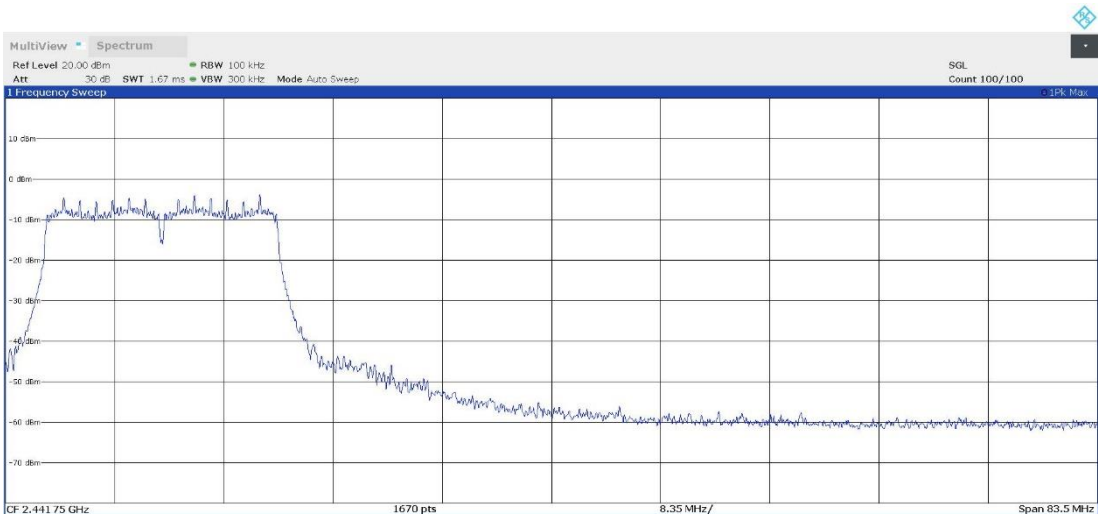
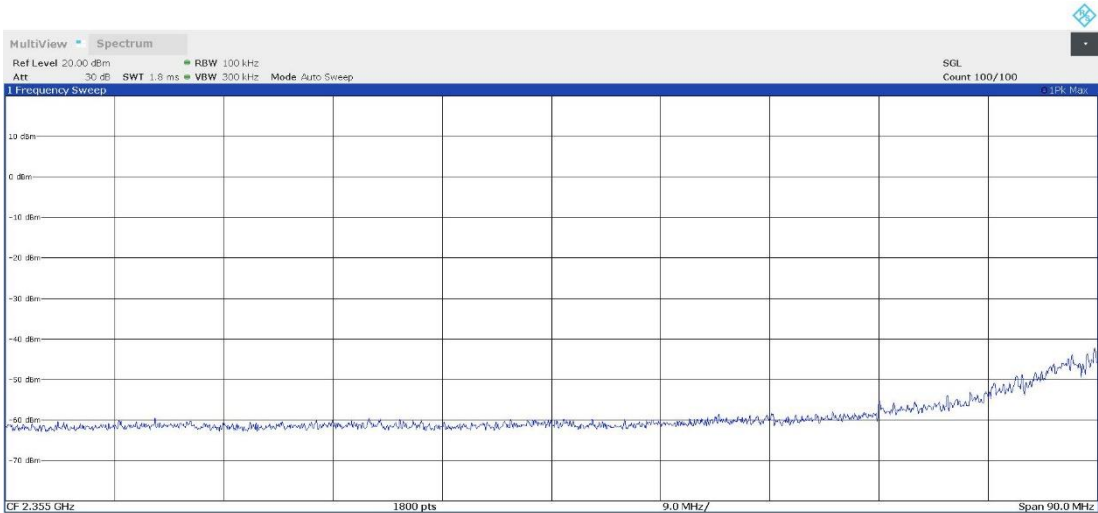
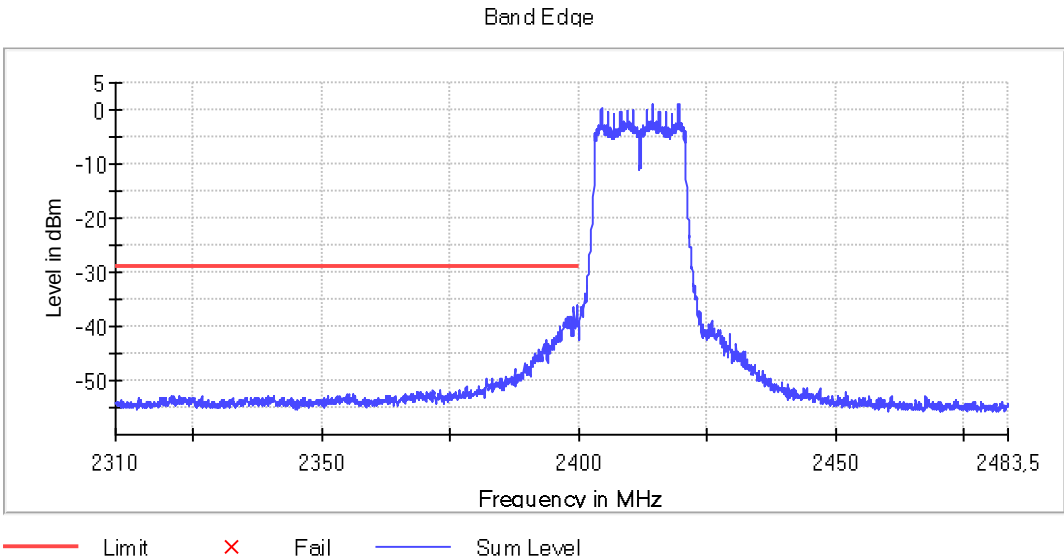


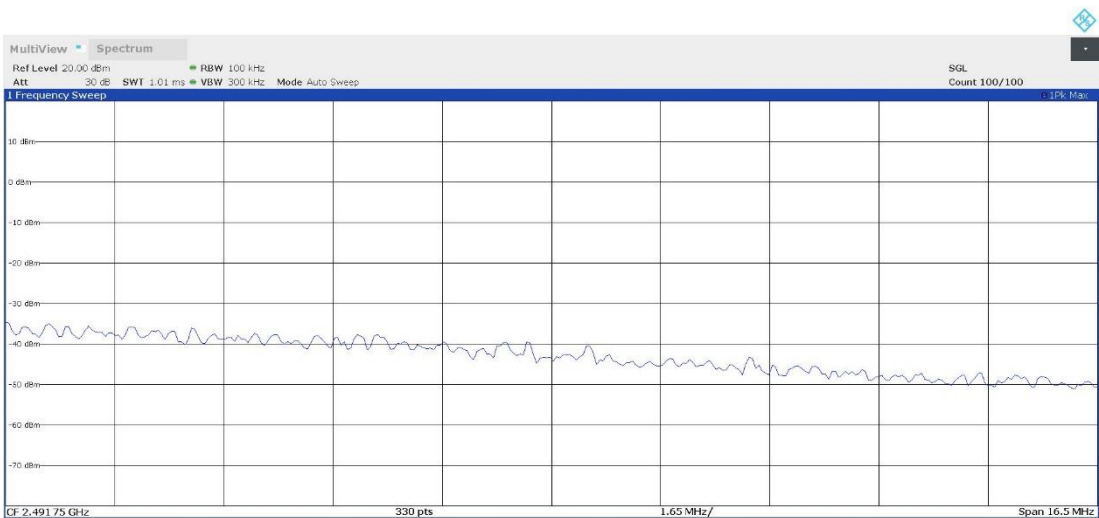
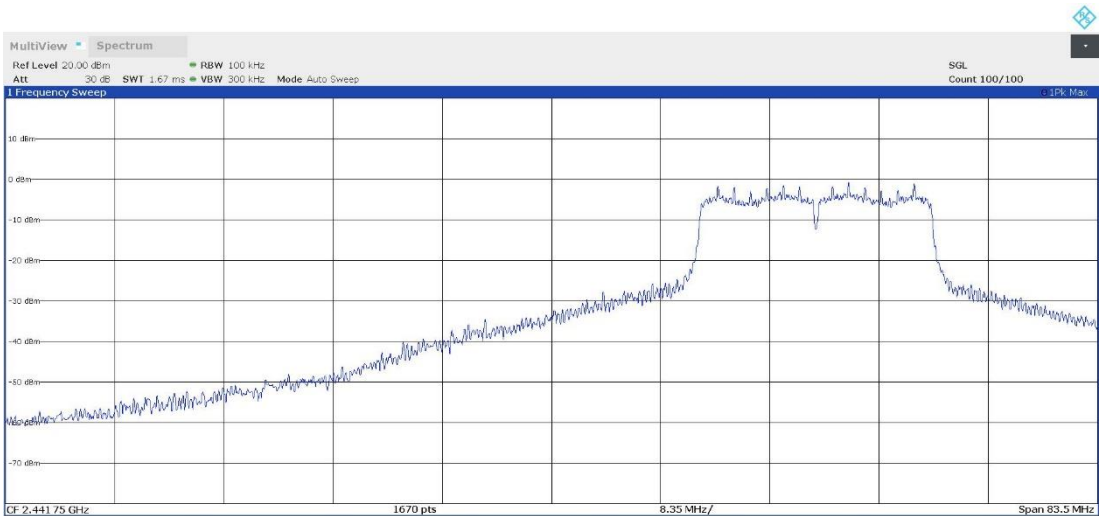
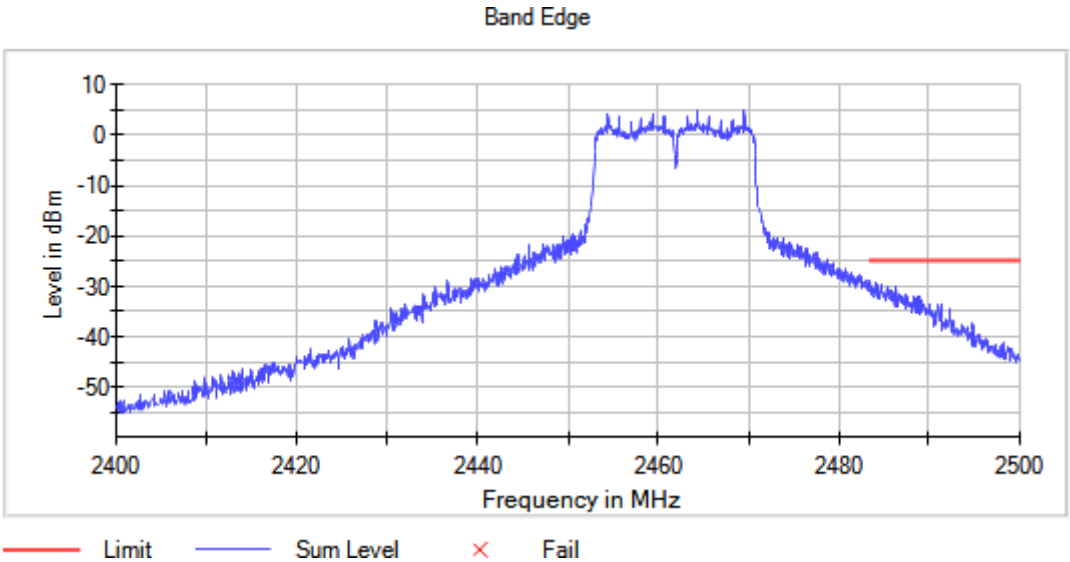
Equipment Type = Digital Transmission System (DTS) Bandwidth MHz = 20
Modulation = 802.11n HT20 (OFDM MCS0 6.5 Mbit/s) Frequency MHz = 2412.00000
Antenna configuration = MIMO CDD Mode 2x2 Active Port = 1+3

Images:



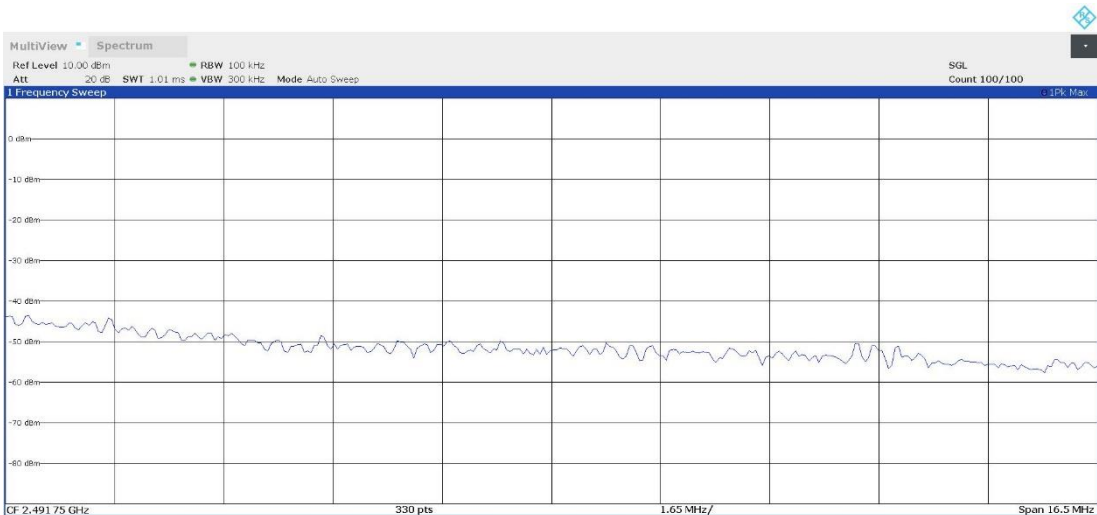
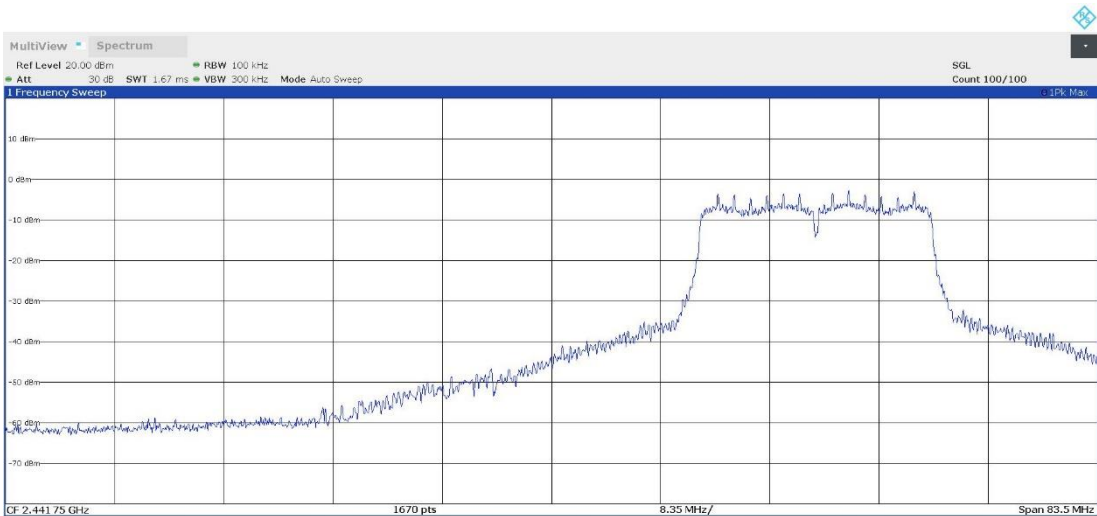
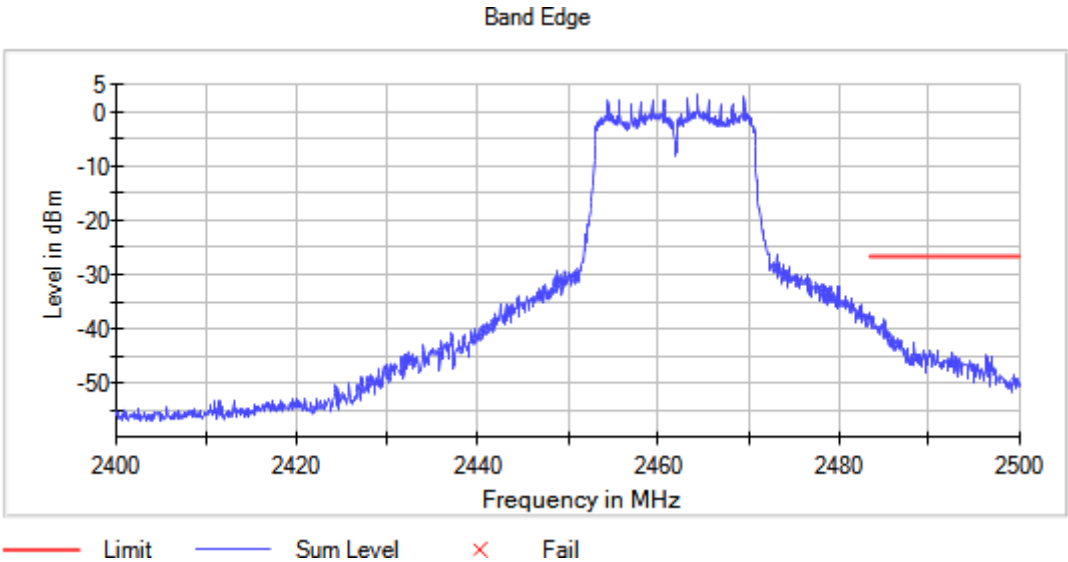
Equipment Type = Digital Transmission System (DTS) Bandwidth MHz = 20
Modulation = 802.11n HT20 (OFDM MCS0 6.5 Mbit/s) Frequency MHz = 2462.00000
Antenna configuration: SISO Active Port = 1

Images:



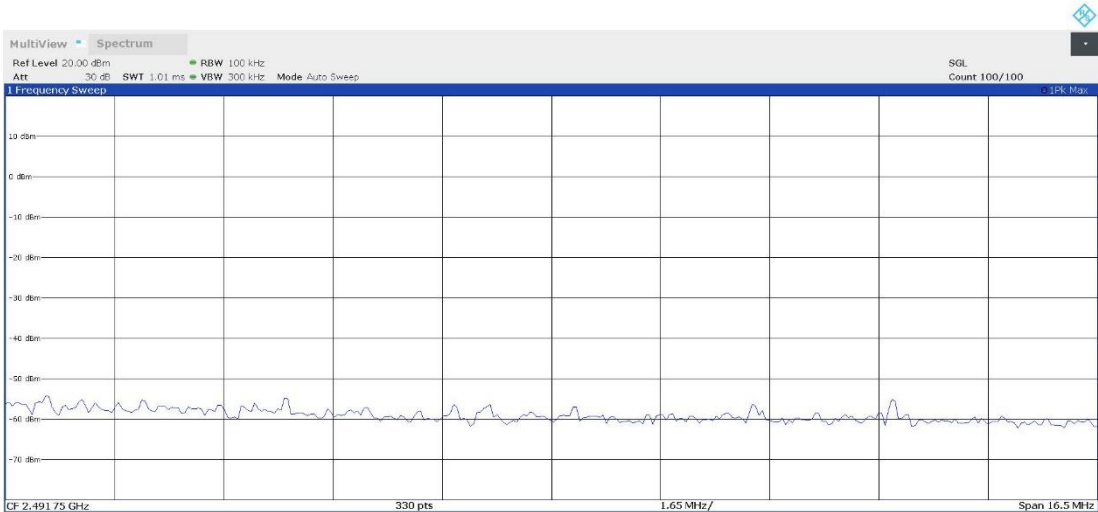
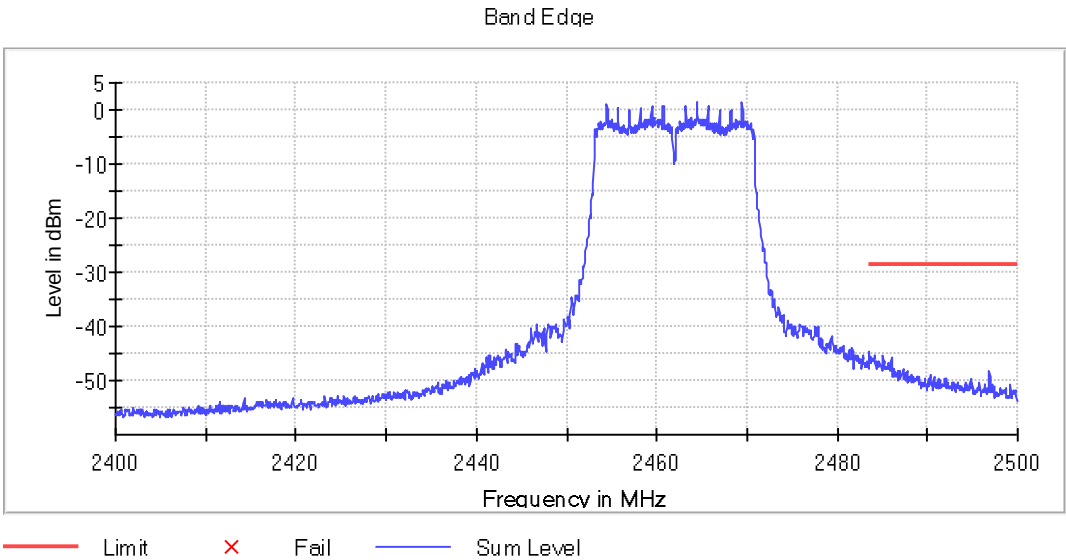
Equipment Type = Digital Transmission System (DTS) Bandwidth MHz = 20
Modulation = 802.11n HT20 (OFDM MCS0 6.5 Mbit/s) Frequency MHz = 2462.00000
Antenna configuration: SISO Active Port = 3

Images:



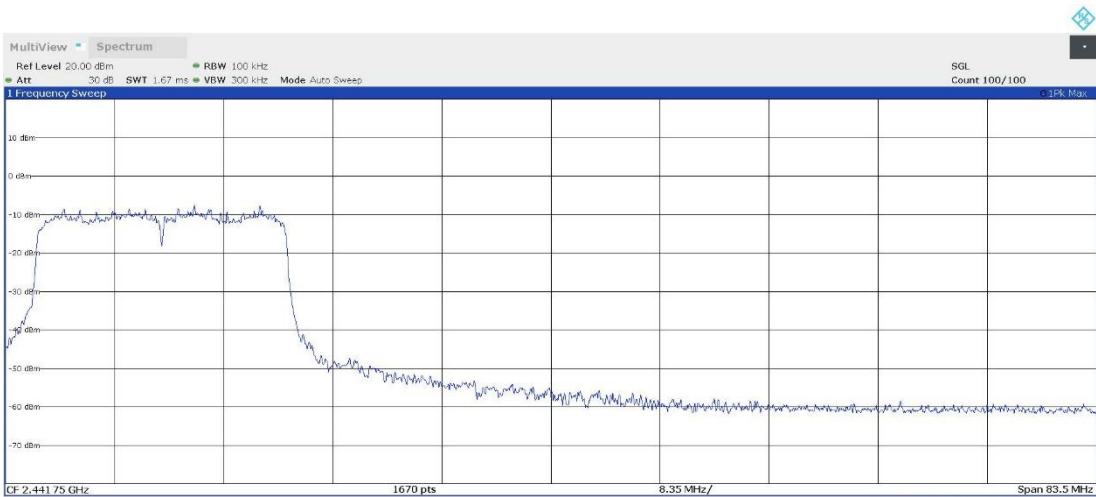
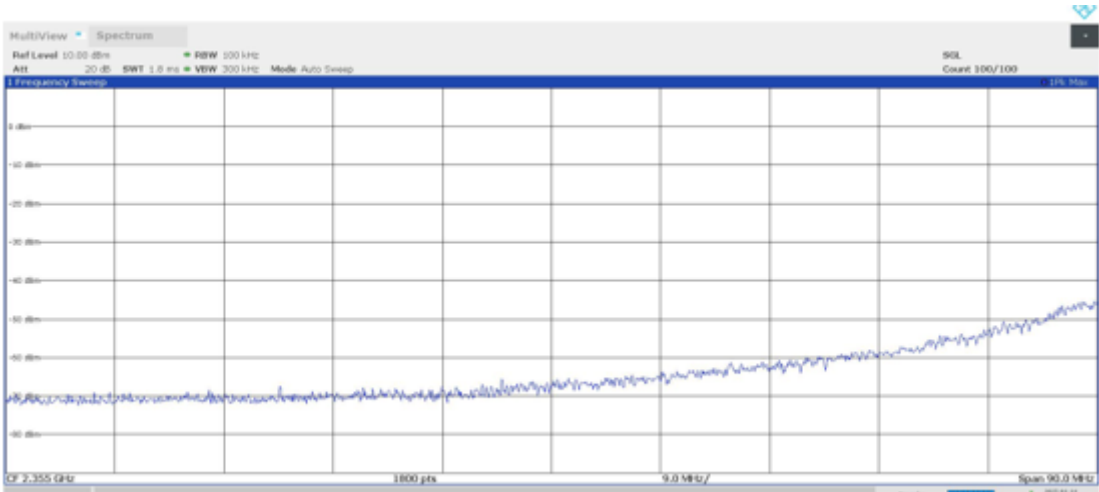
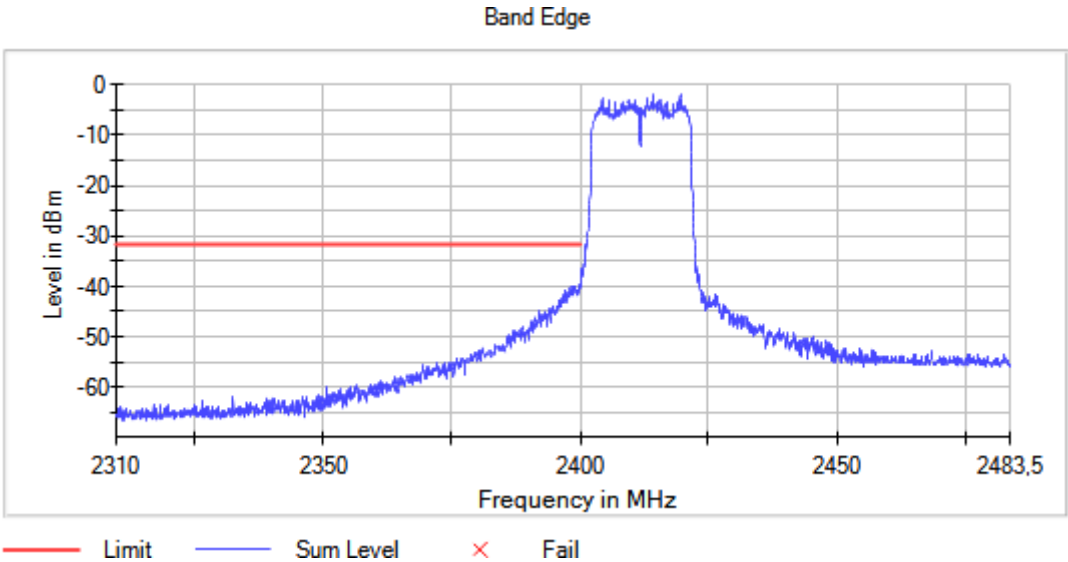
Equipment Type = Digital Transmission System (DTS) Bandwidth MHz = 20
Modulation = 802.11n HT20 (OFDM MCS0 6.5 Mbit/s) Frequency MHz = 2462.00000
Antenna configuration = MIMO CDD Mode 2x2 Active Port = 1+3

Images:



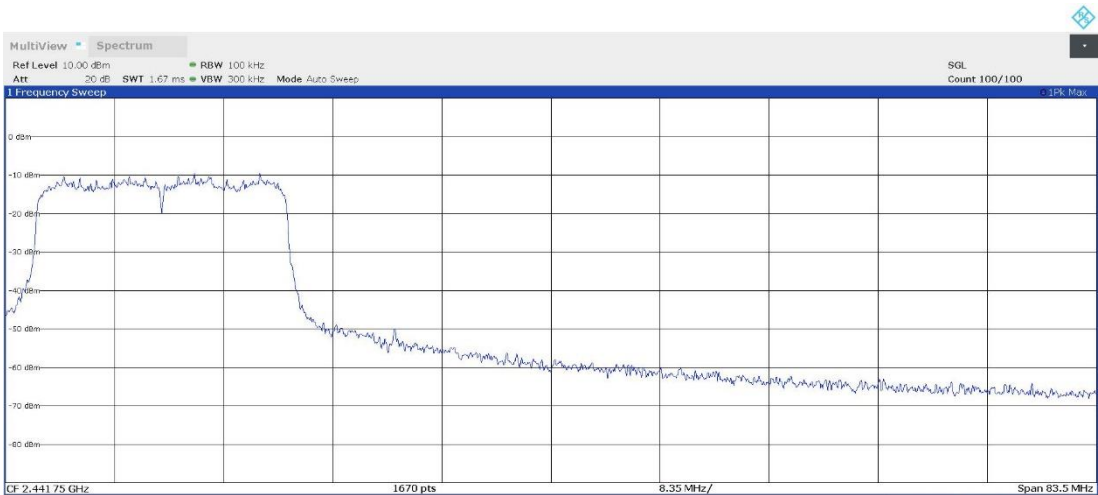
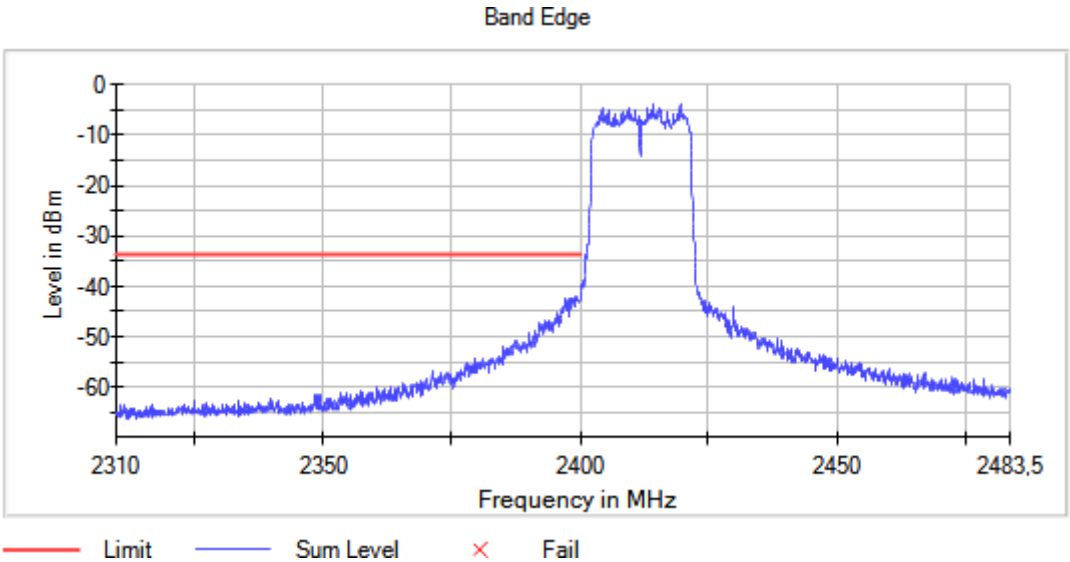
Equipment Type = Digital Transmission System (DTS) Bandwidth MHz = 20
Modulation = 802.11ax HE20 (OFDMA MCS0) SU Frequency MHz = 2412.00000
Antenna configuration = SISO Active Port = 1

Images:



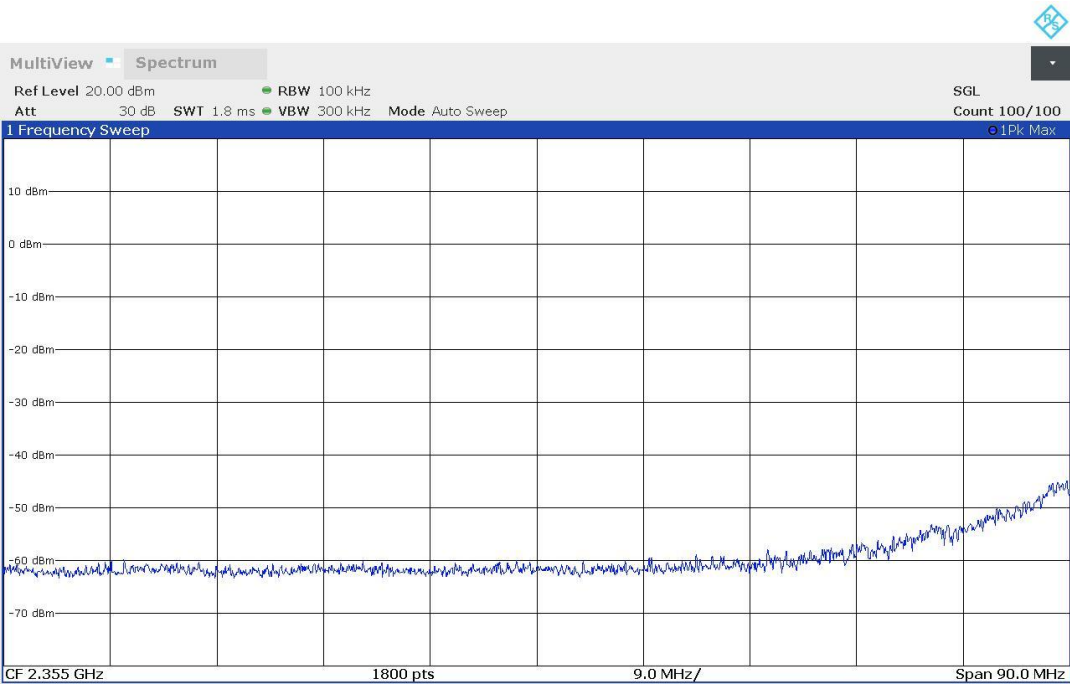
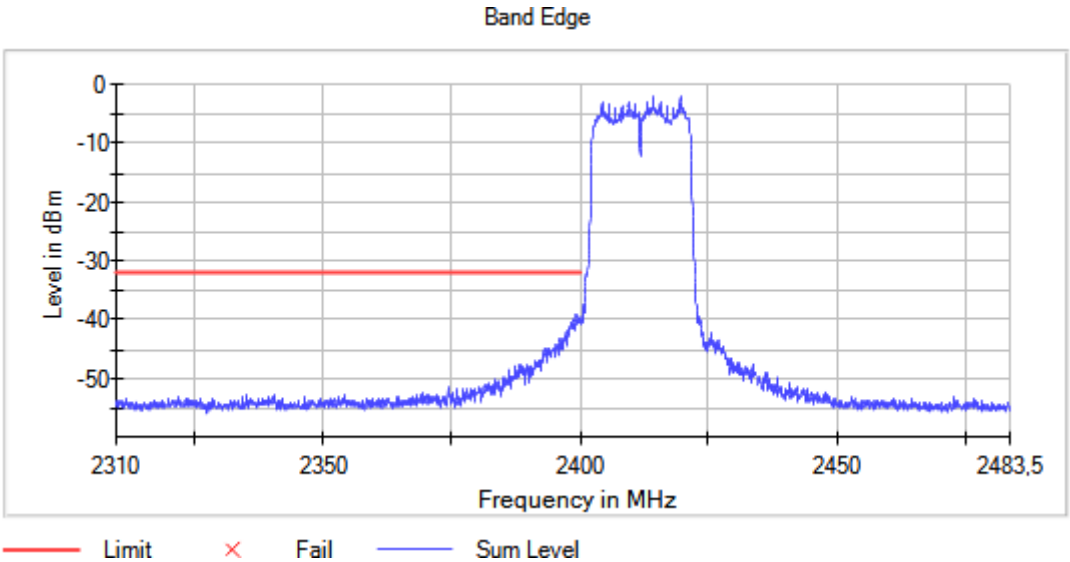
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Modulation = 802.11ax HE20 (OFDMA MCS0) SU Frequency MHz = 2412.00000
Antenna configuration = SISO Active Port = 3

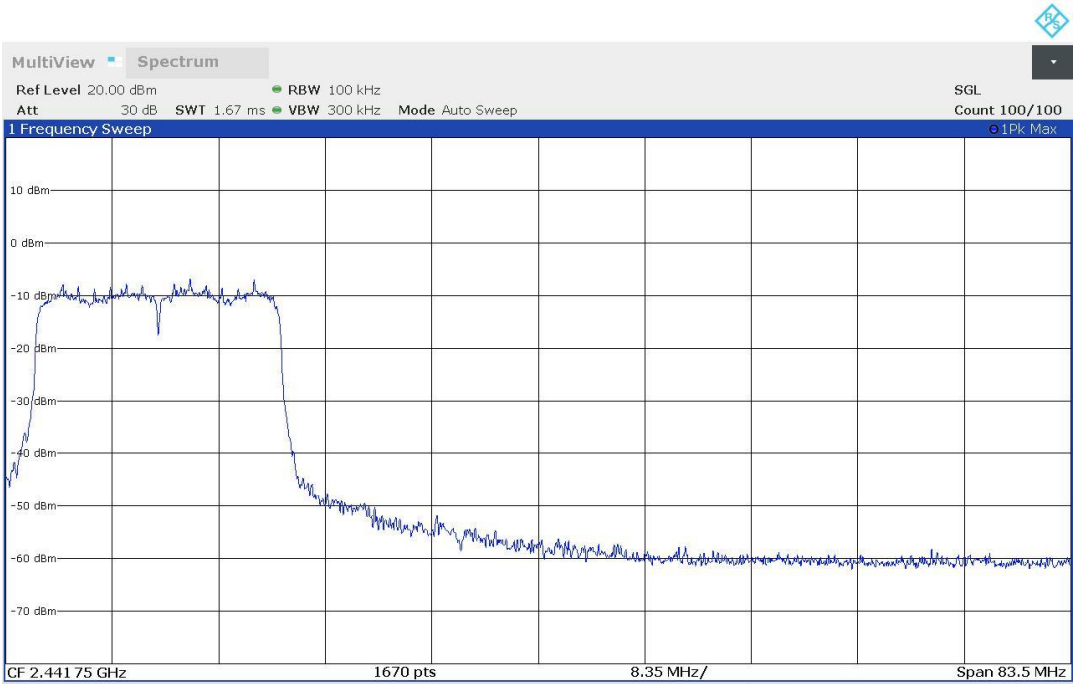
Images:



Equipment Type = Digital Transmission System (DTS) Bandwidth MHz = 20
Modulation = 802.11ax HE20 (OFDMA MCS0) SU Frequency MHz = 2412.00000
Antenna configuration = MIMO CDD Mode 2x2 Active Port = 1+3

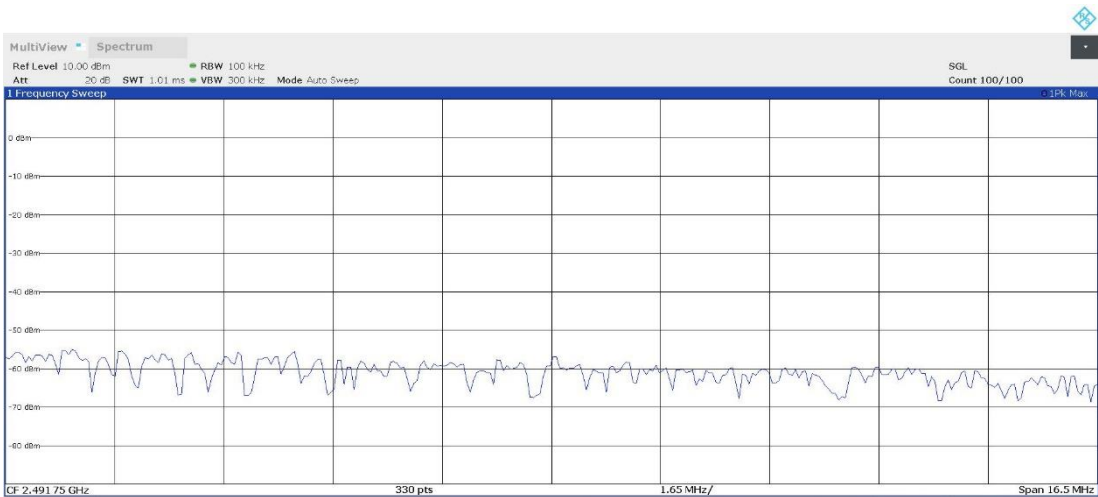
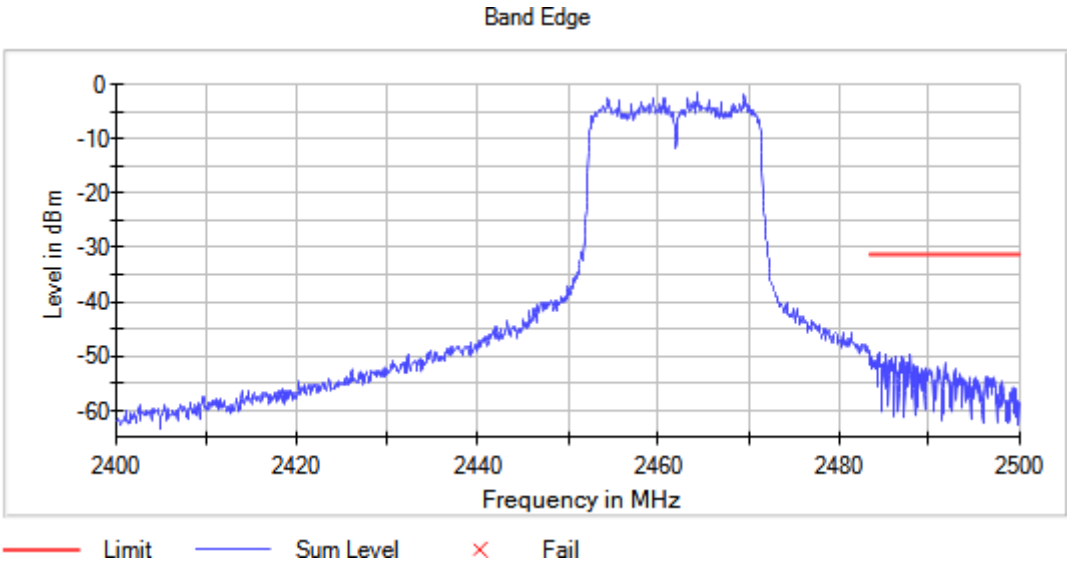
Images:





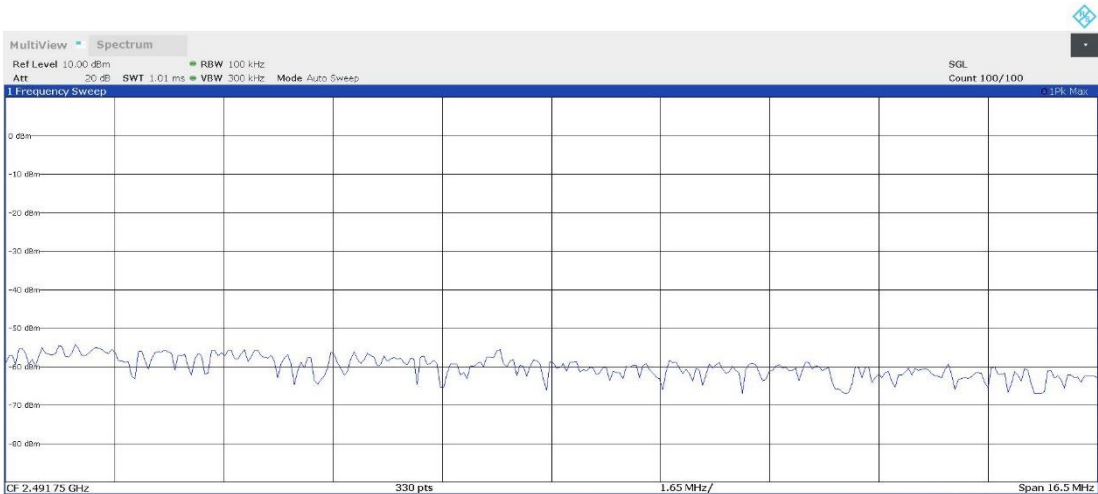
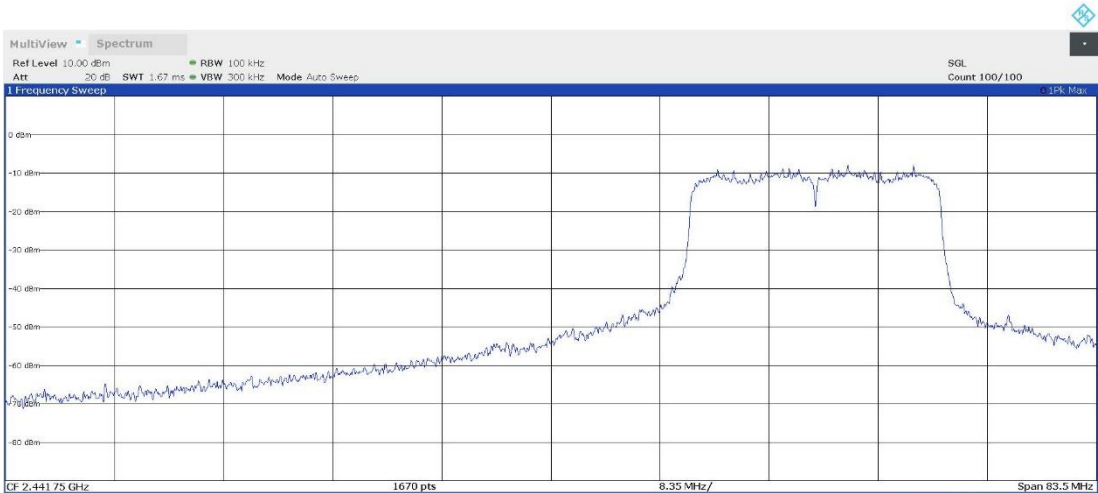
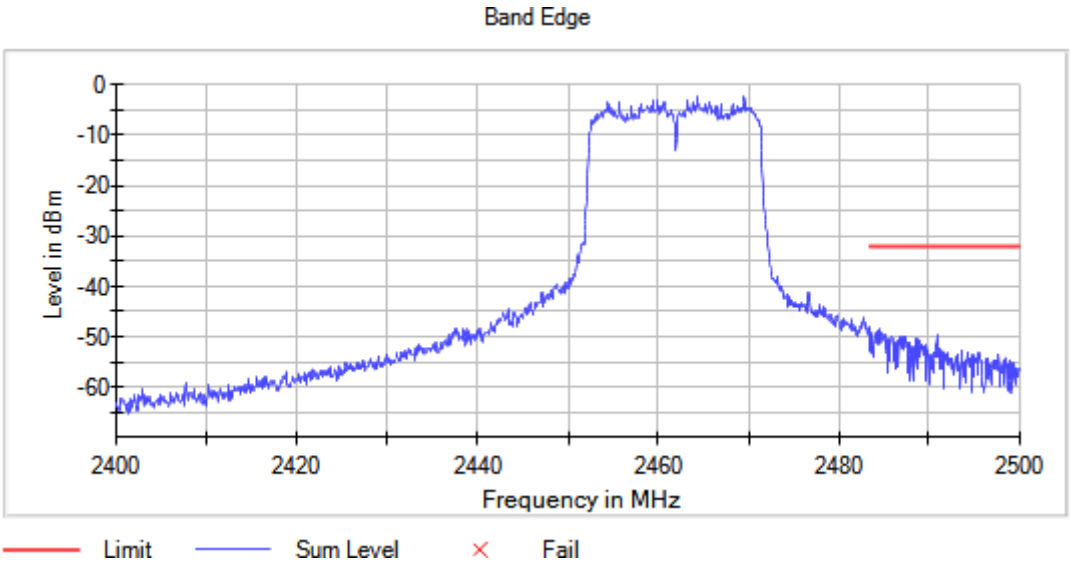
Equipment Type = Digital Transmission System (DTS) Bandwidth MHz = 20
Modulation = 802.11ax HE20 (OFDMA MCS0) SU Frequency MHz = 2462.00000
Antenna configuration = SISO Active Port = 1

Images:



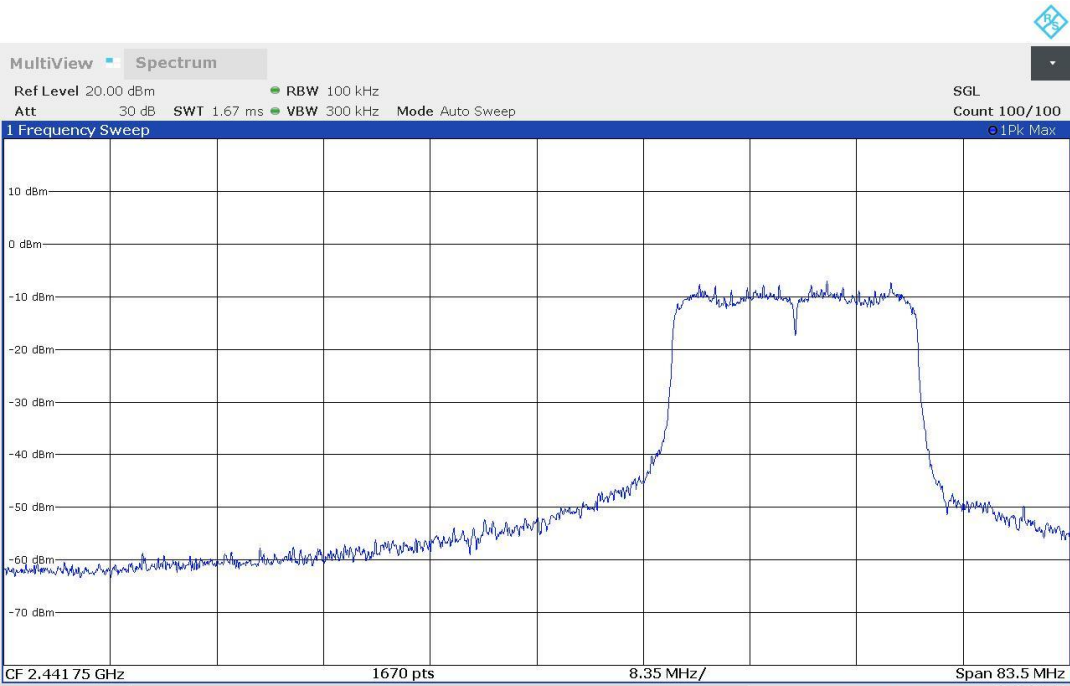
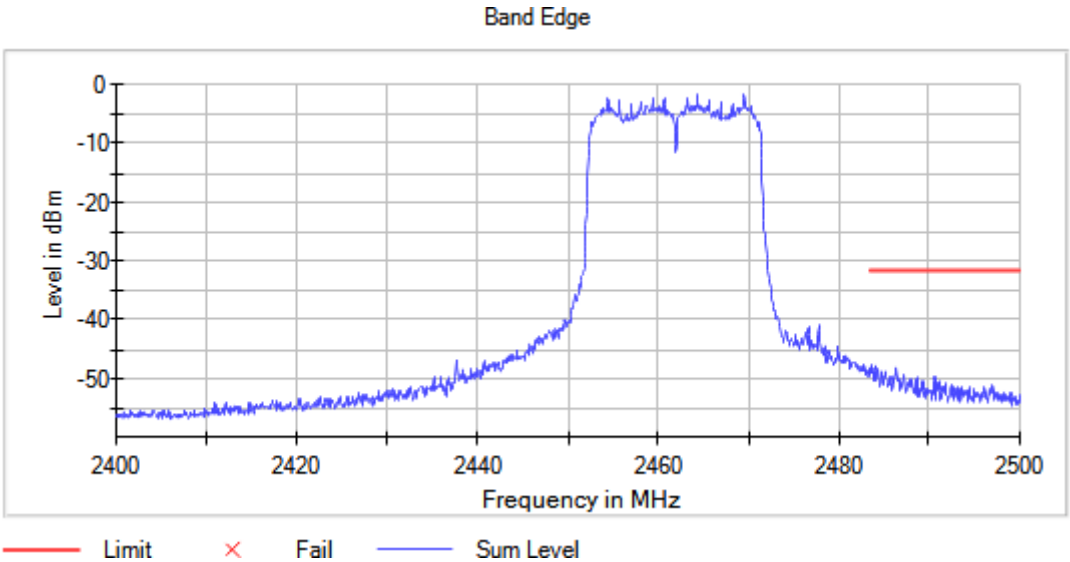
Equipment Type = Digital Transmission System (DTS) Bandwidth MHz = 20
Modulation = 802.11ax HE20 (OFDMA MCS0) SU Frequency MHz = 2462.00000
Antenna configuration = SISO Active Port = 3

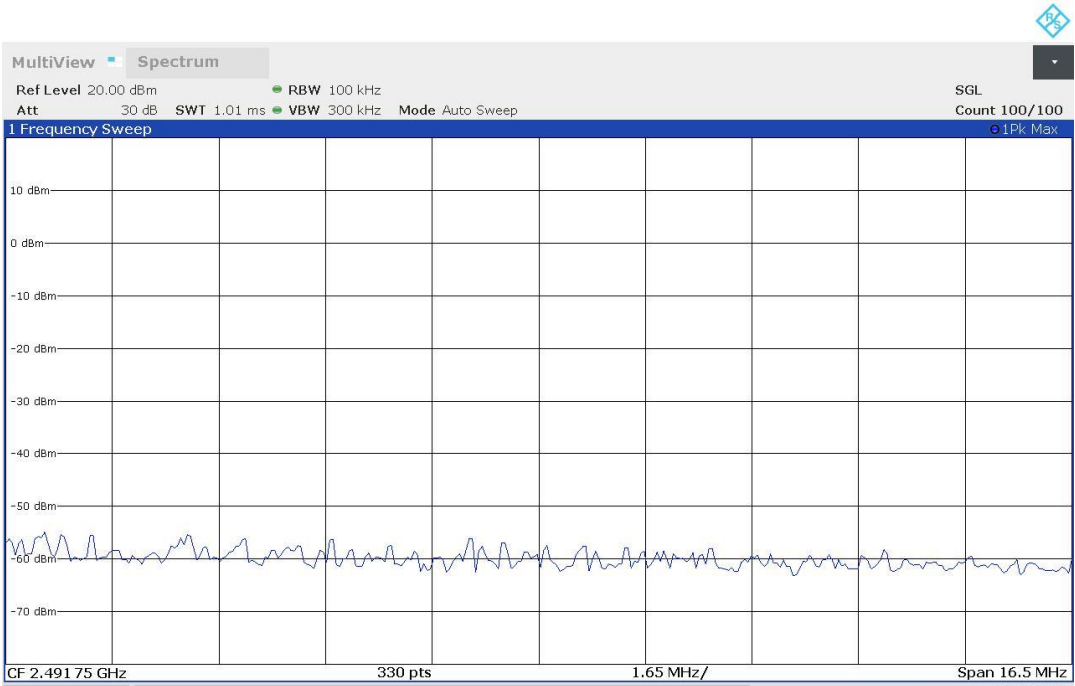
Images:



Equipment Type = Digital Transmission System (DTS) Bandwidth MHz = 20
Modulation = 802.11ax HE20 (OFDMA MCS0) SU Frequency MHz = 2462.00000
Antenna configuration = MIMO CDD Mode 2x2 Active Port = 1+3

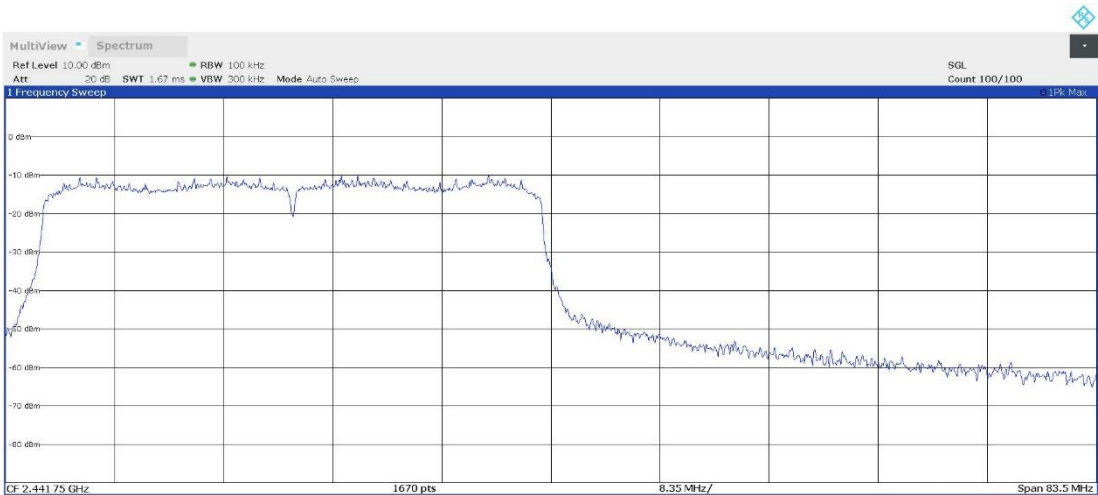
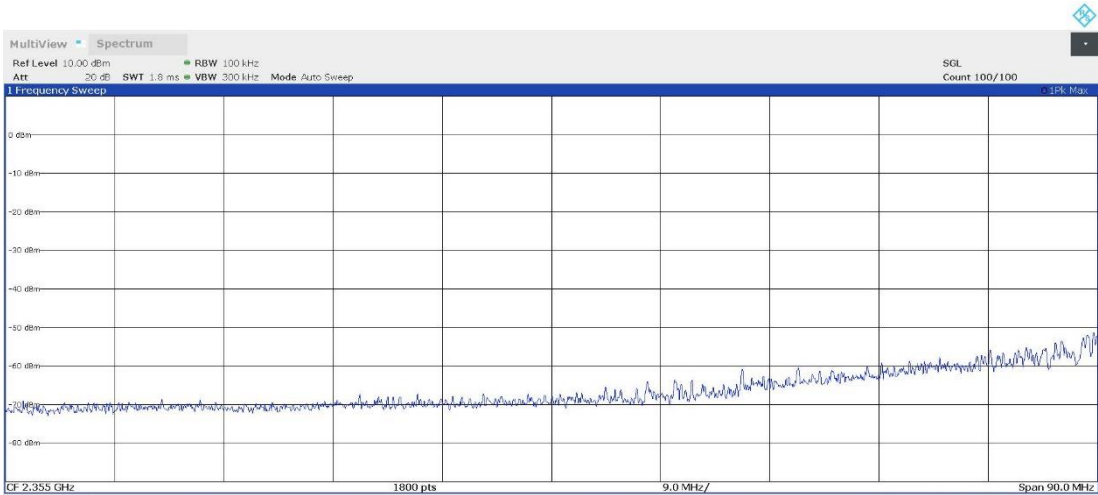
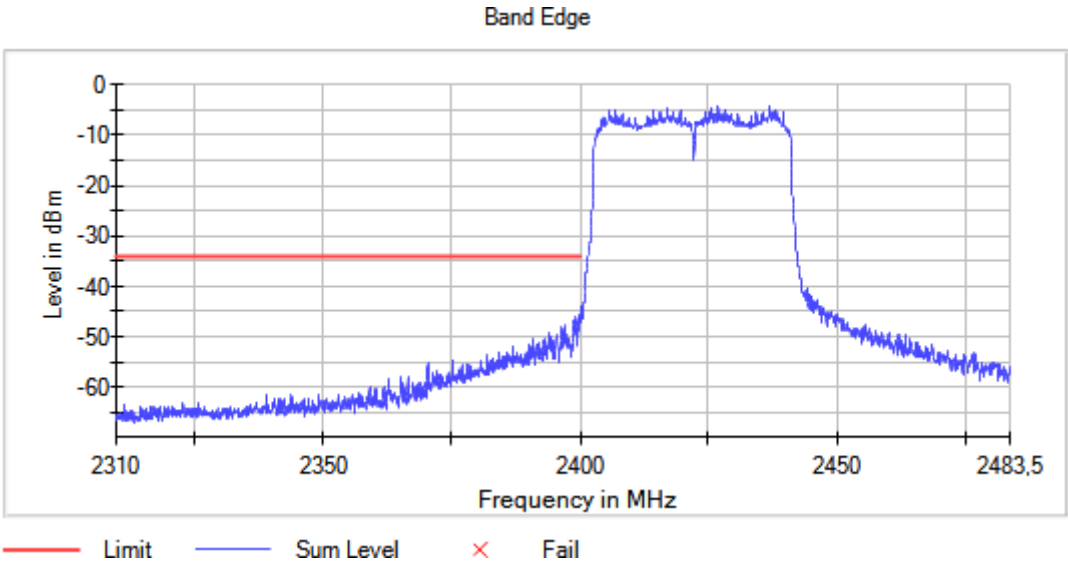
Images:





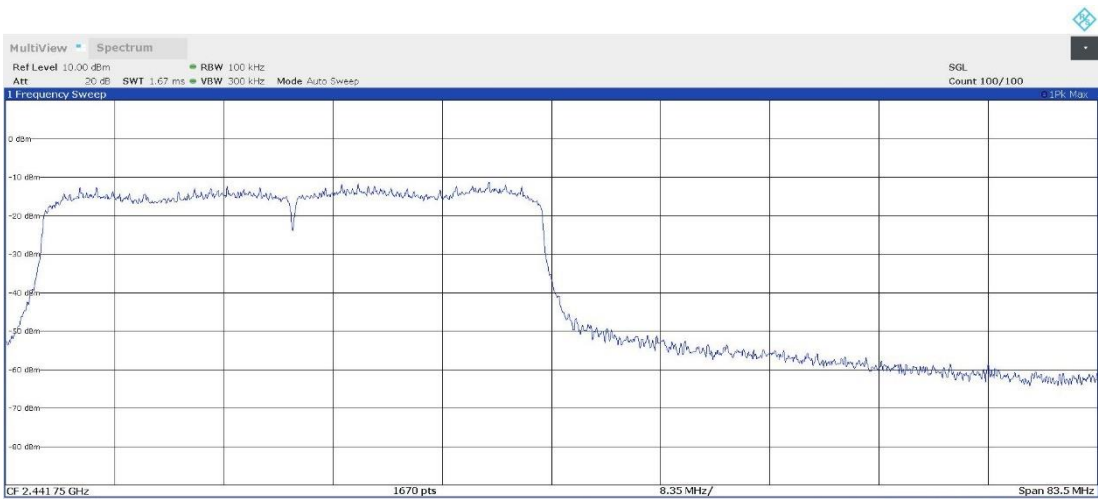
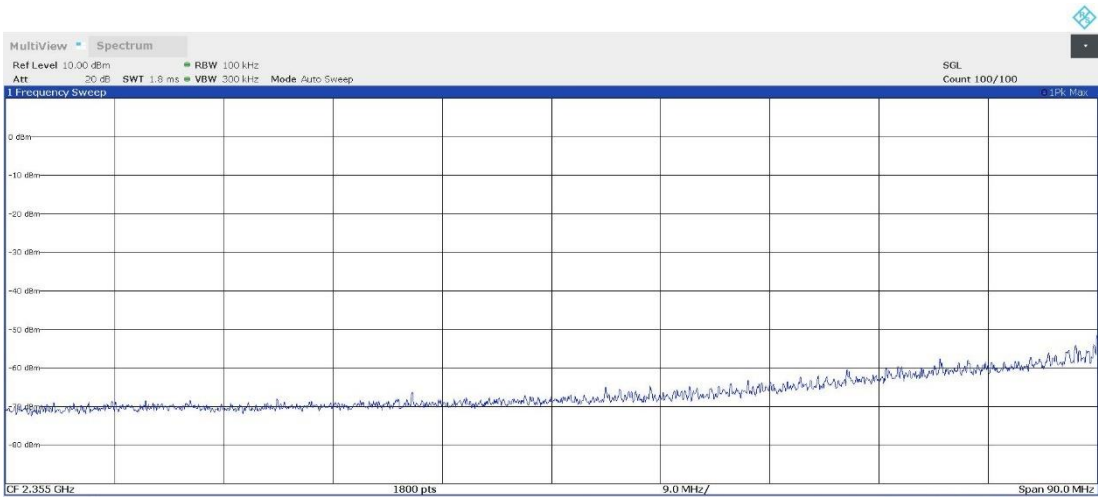
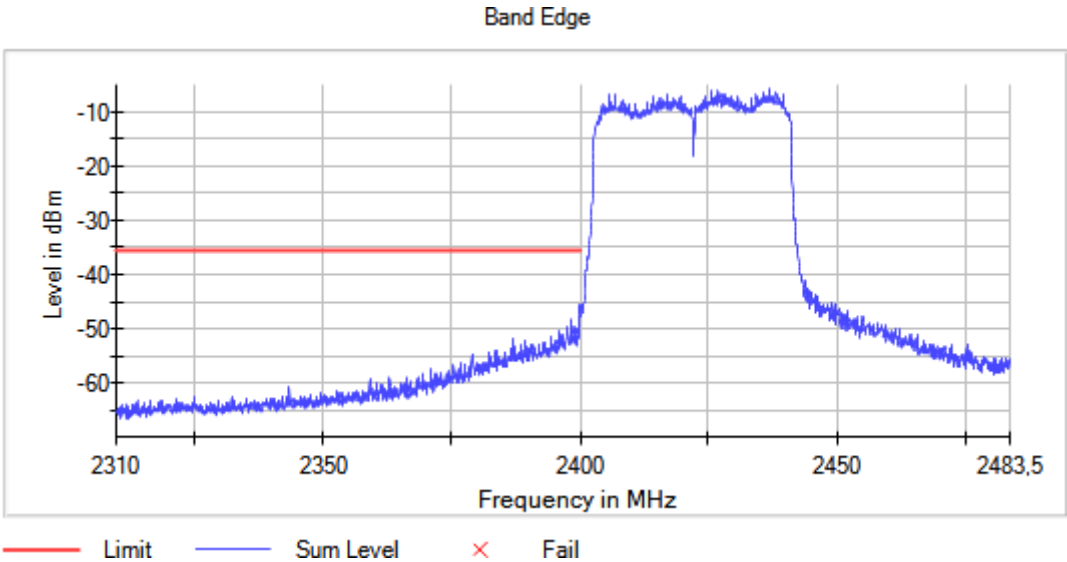
Equipment Type = Digital Transmission System (DTS) Bandwidth MHz = 40
Modulation = 802.11ax HE40 (OFDMA MCS0) SU Frequency MHz = 2422.00000
Antenna configuration = SISO Active Port = 1

Images:



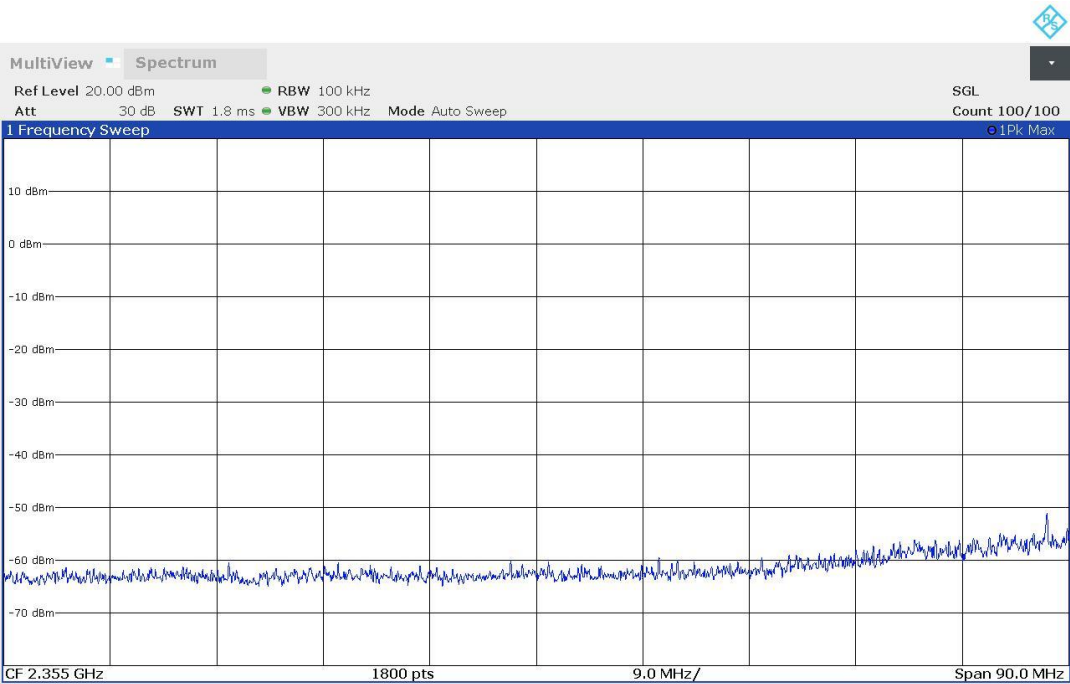
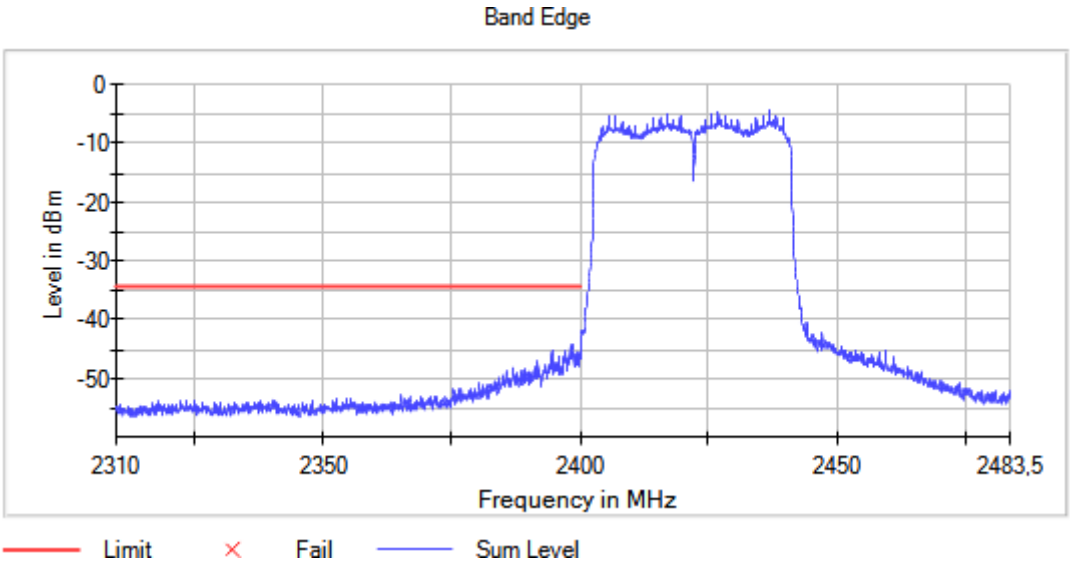
Equipment Type = Digital Transmission System (DTS) Bandwidth MHz = 40
Modulation = 802.11ax HE40 (OFDMA MCS0) SU Frequency MHz = 2422.00000
Antenna configuration = SISO Active Port = 3

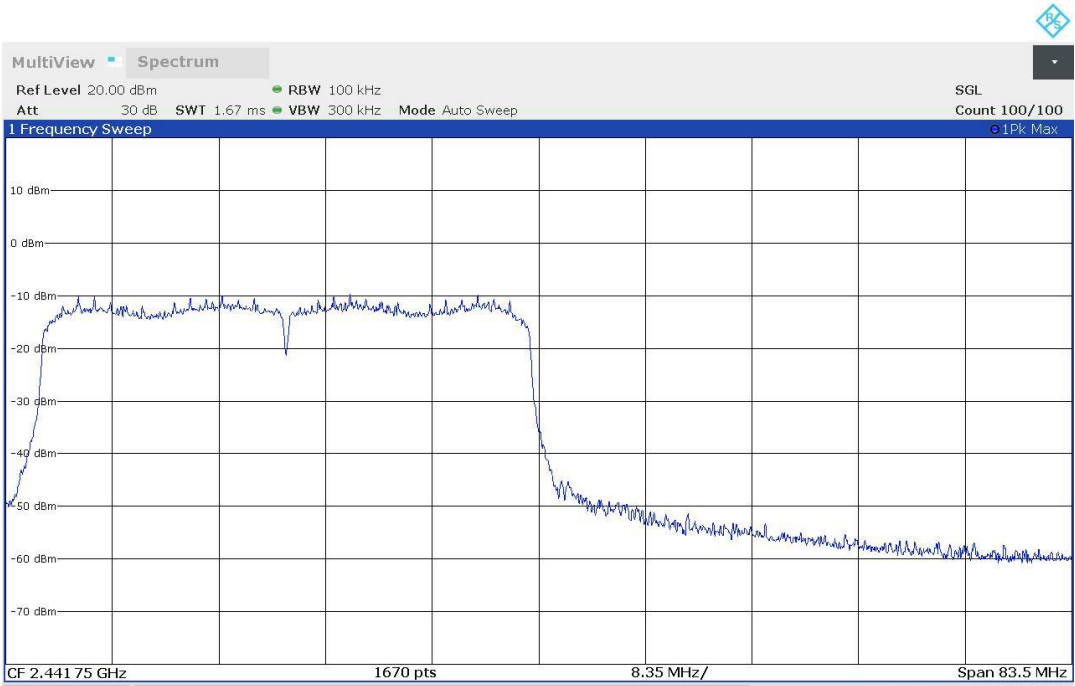
Images:



Equipment Type = Digital Transmission System (DTS) Bandwidth MHz = 40
Modulation = 802.11ax HE40 (OFDMA MCS0) SU Frequency MHz = 2422.00000
Antenna configuration = MIMO CDD Mode 2x2 Active Port = 1+3

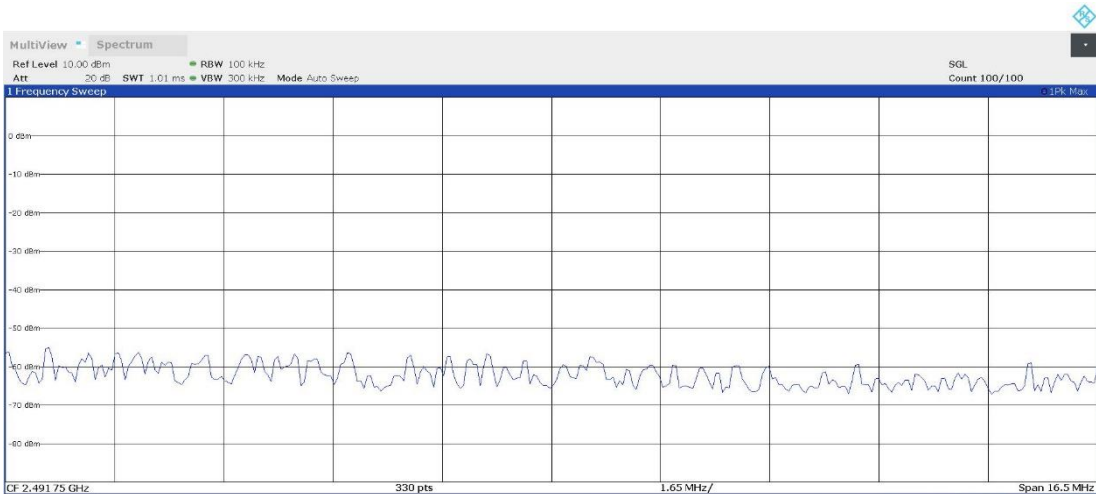
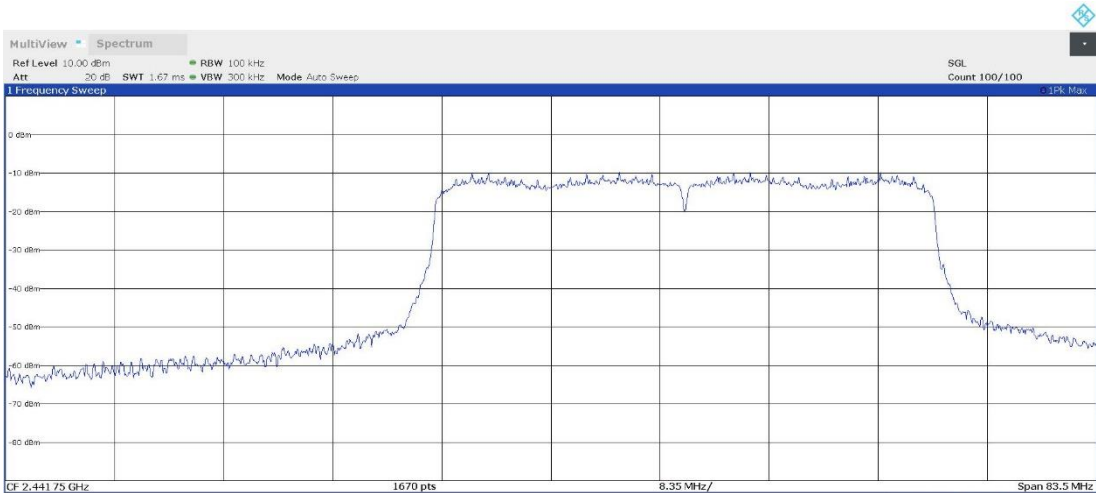
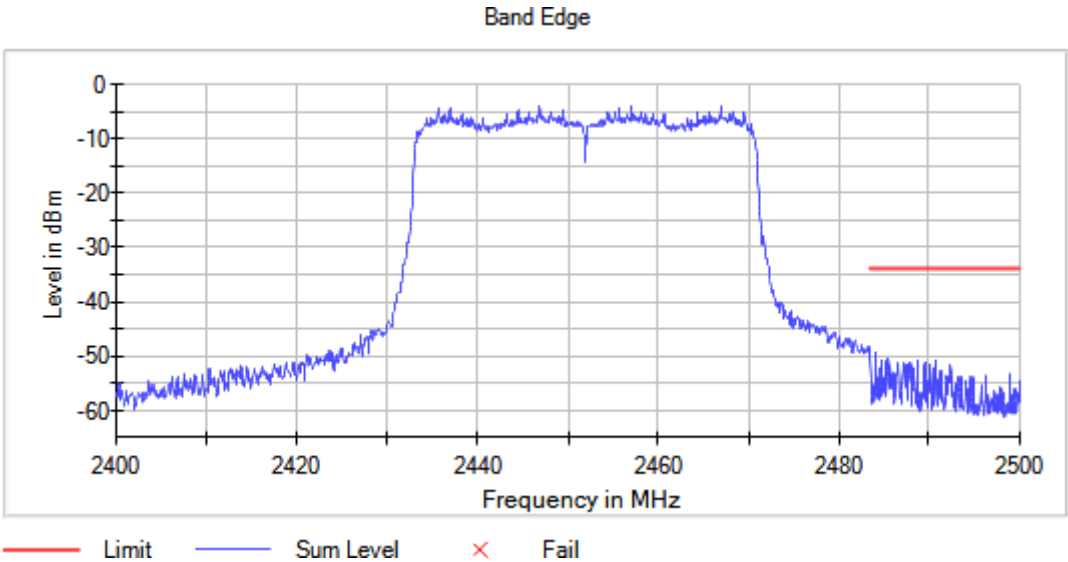
Images:





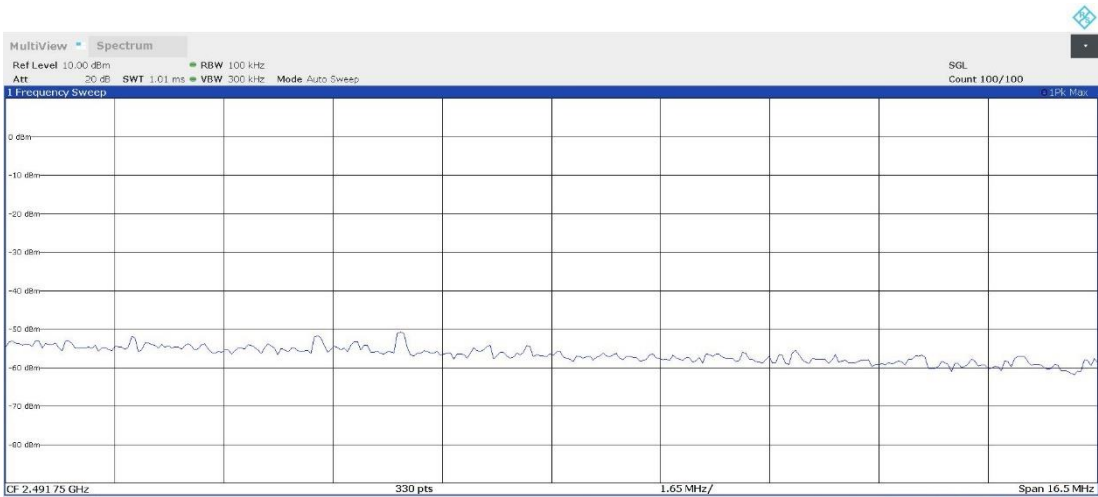
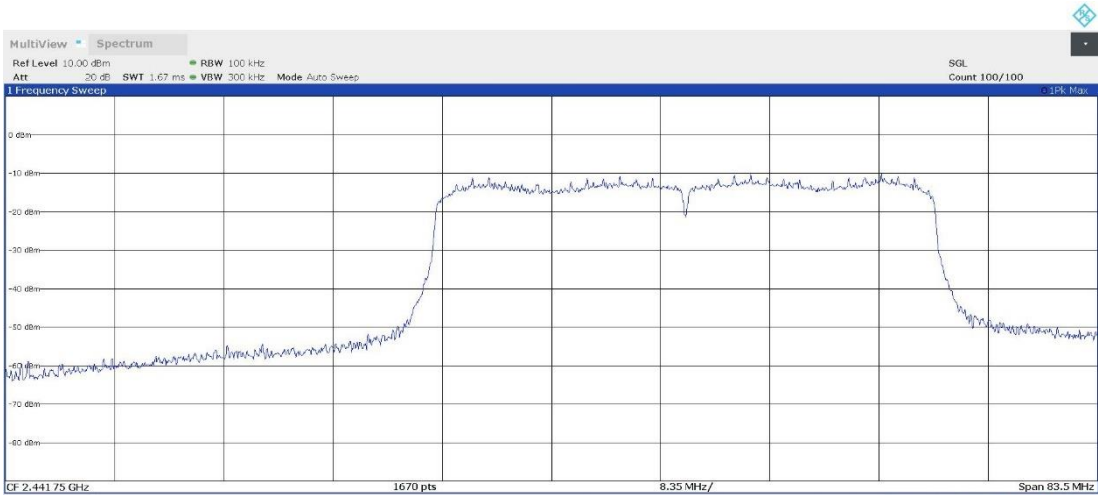
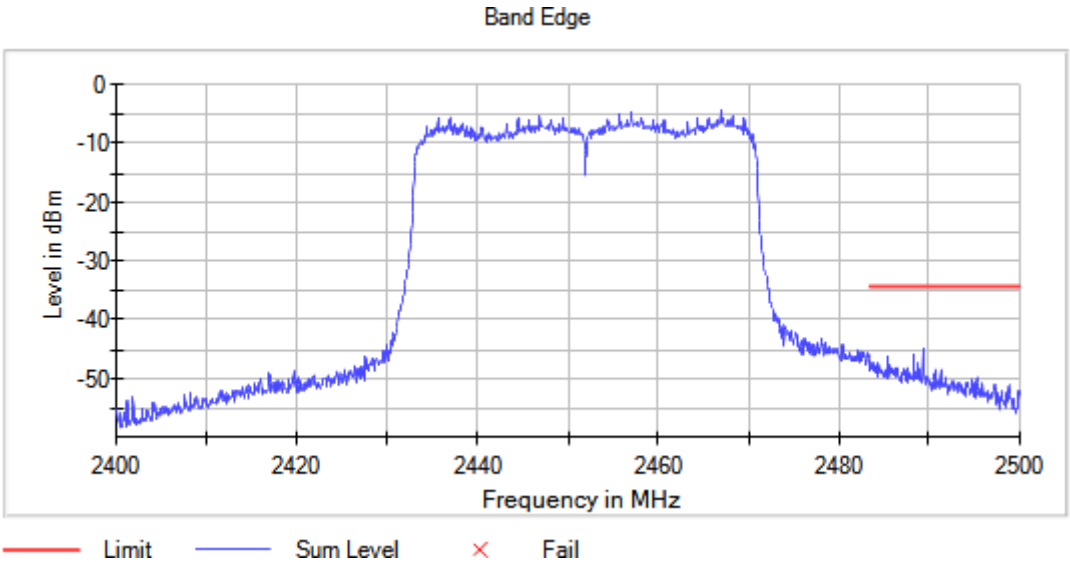
Equipment Type = Digital Transmission System (DTS) Bandwidth MHz = 40
Modulation = 802.11ax HE40 (OFDMA MCS0) SU Frequency MHz = 2452.00000
Antenna configuration = SISO Active Port = 1

Images:



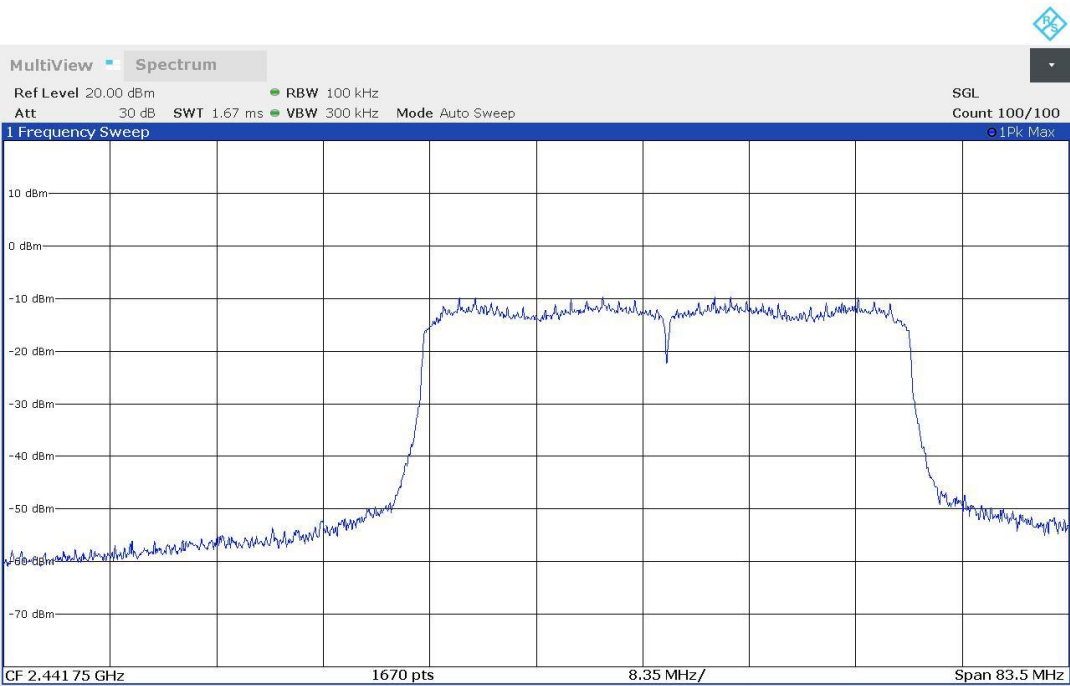
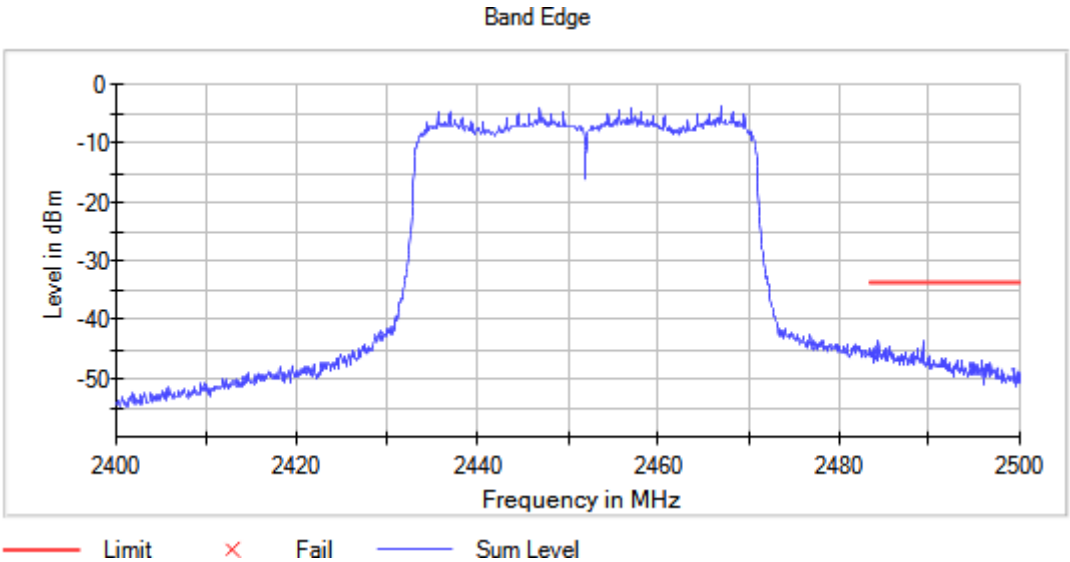
Equipment Type = Digital Transmission System (DTS) Bandwidth MHz = 40
Modulation = 802.11ax HE40 (OFDMA MCS0) SU Frequency MHz = 2452.00000
Antenna configuration = SISO Active Port = 3

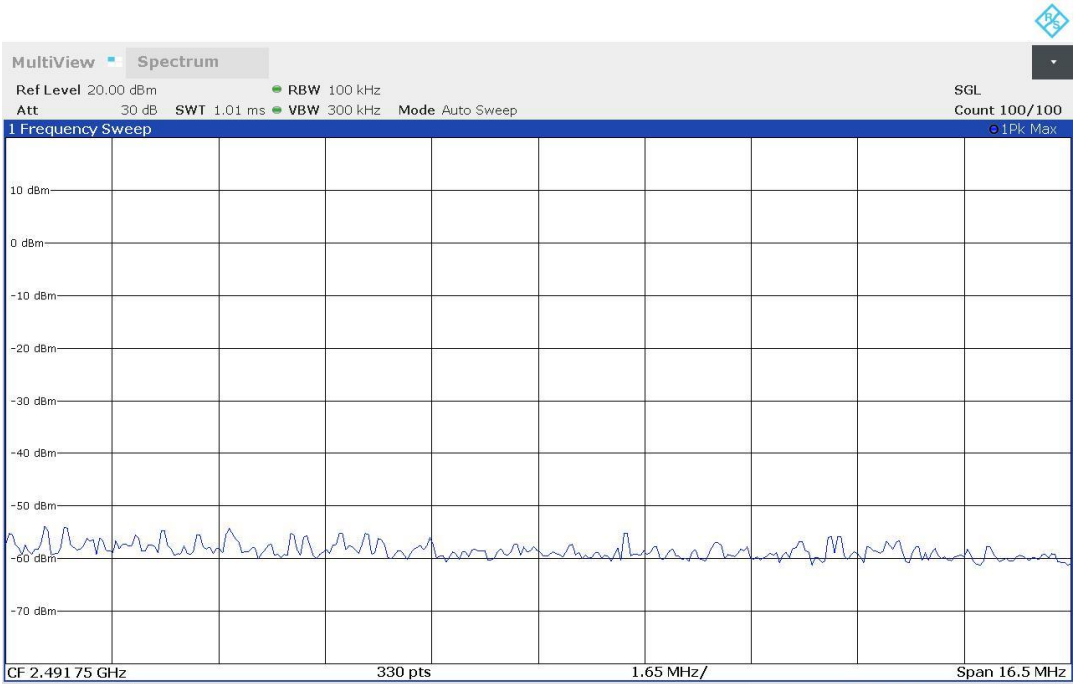
Images:



Equipment Type = Digital Transmission System (DTS) Bandwidth MHz = 40
Modulation = 802.11ax HE40 (OFDMA MCS0) SU Frequency MHz = 2452.00000
Antenna configuration = MIMO CDD Mode 2x2 Active Port = 1+3

Images:

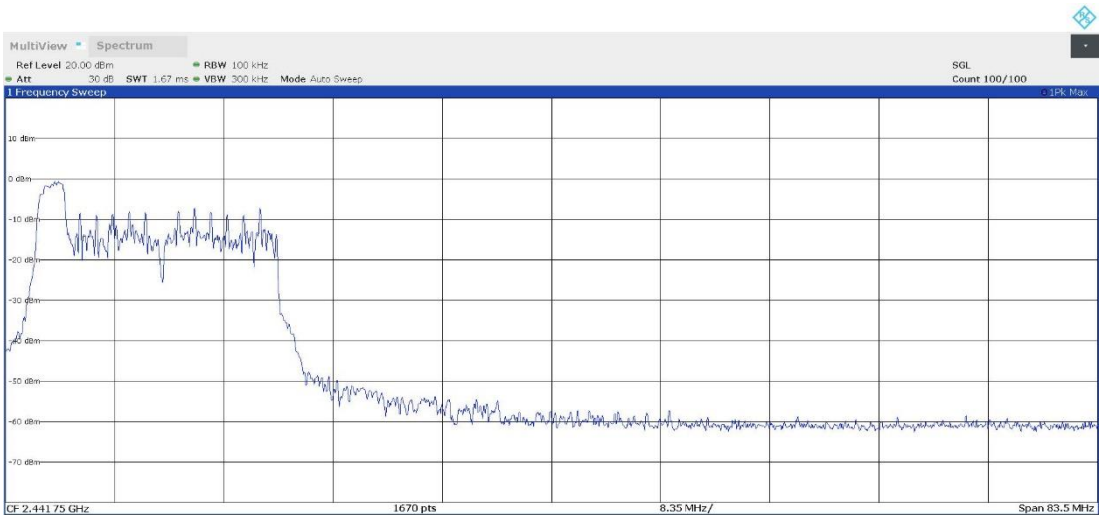
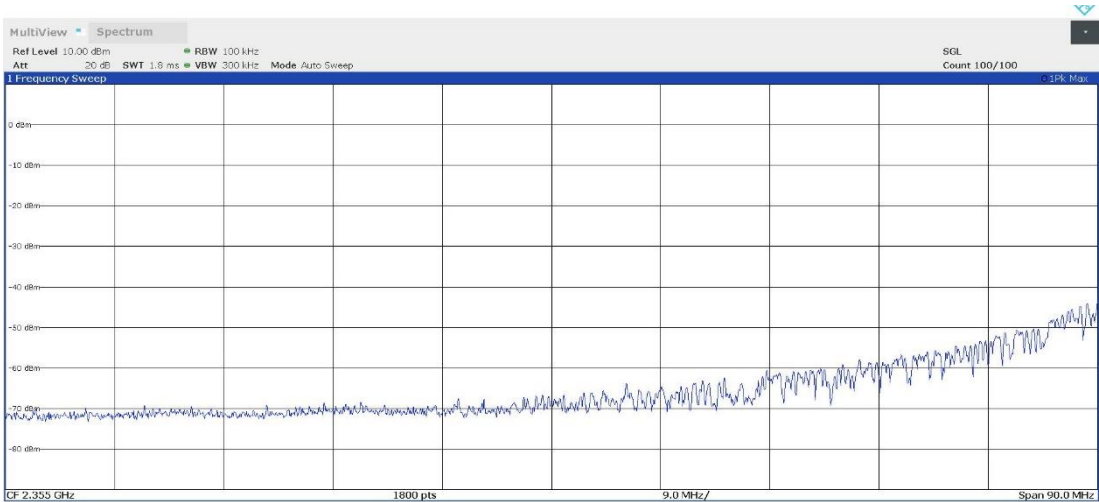
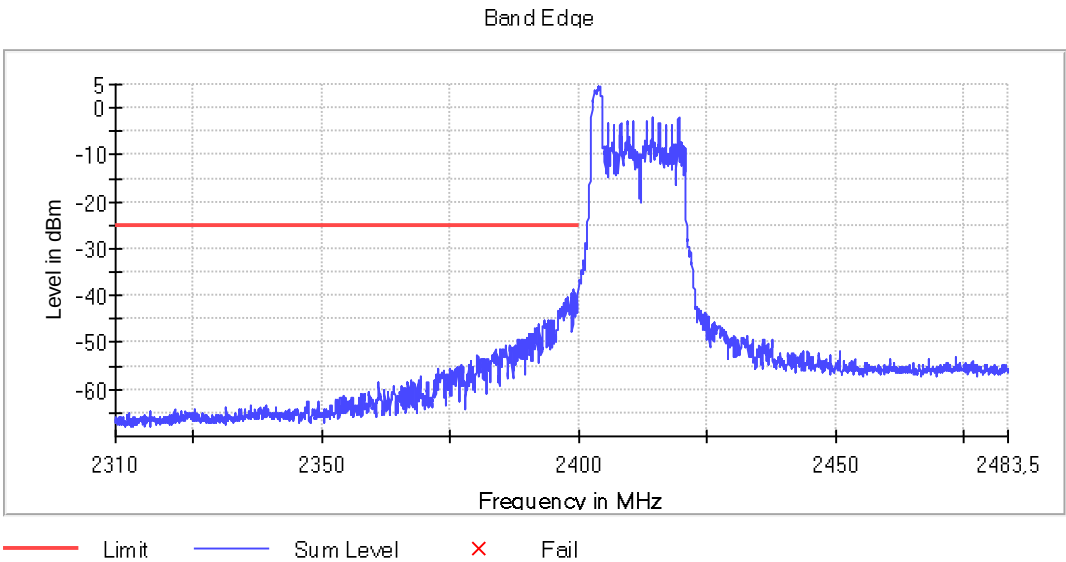




Equipment Type = Digital Transmission System (DTS)
Modulation = 802.11ax HE20 (OFDMA MCS0) RU26 (Worst offset according to preliminary PSD testing)
Antenna configuration = SISO

Bandwidth MHz = 20
Frequency MHz = 2412.00000
Active Port = 1

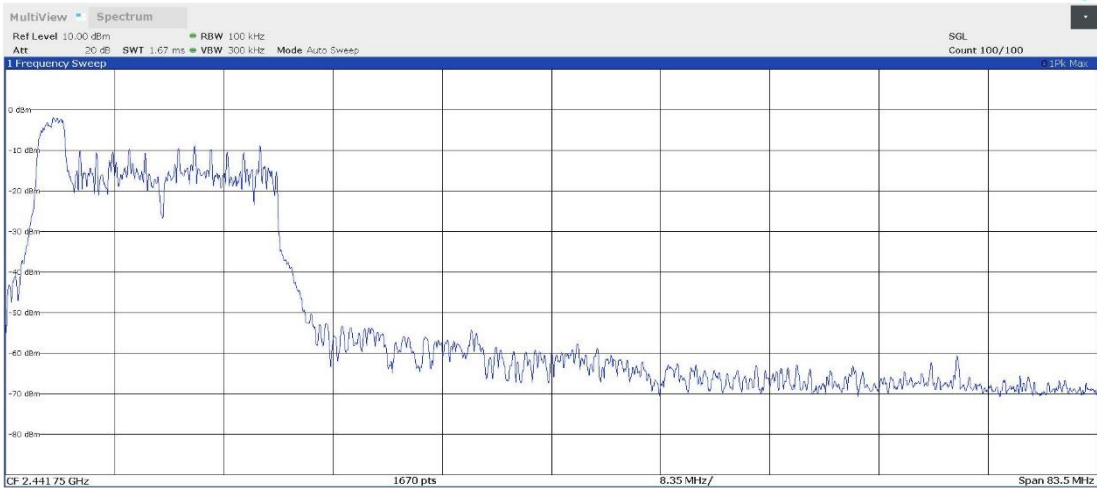
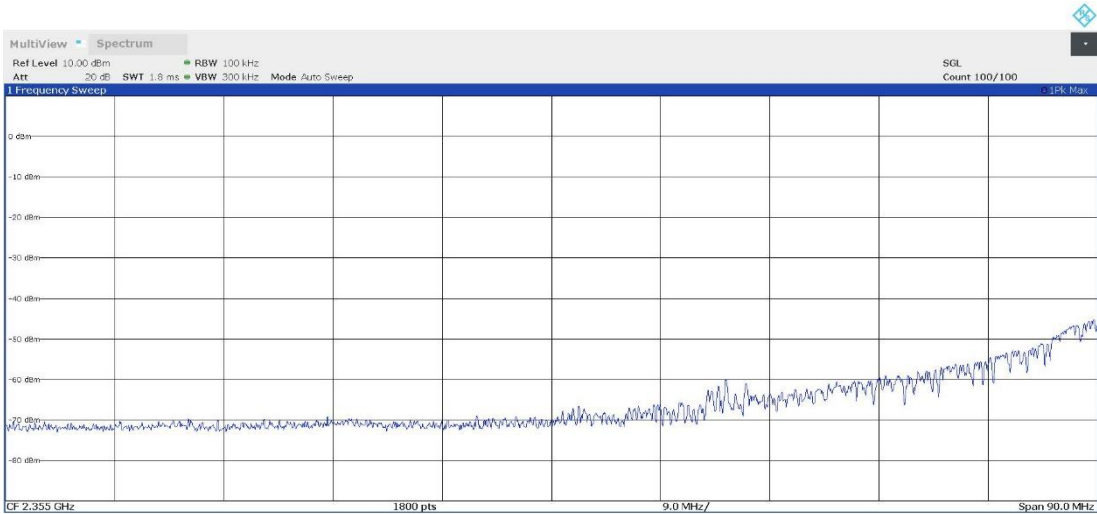
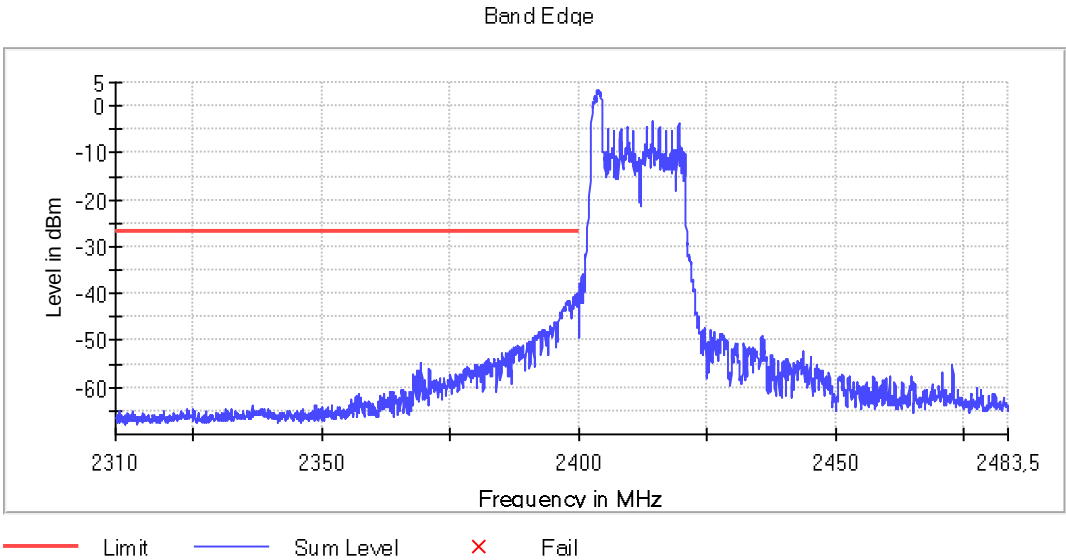
Images:



Equipment Type = Digital Transmission System (DTS)
Modulation = 802.11ax HE20 (OFDMA MCS0) RU26 (Worst offset according to preliminary PSD testing)
Antenna configuration = SISO

Bandwidth MHz = 20
Frequency MHz = 2412.00000
Active Port = 3

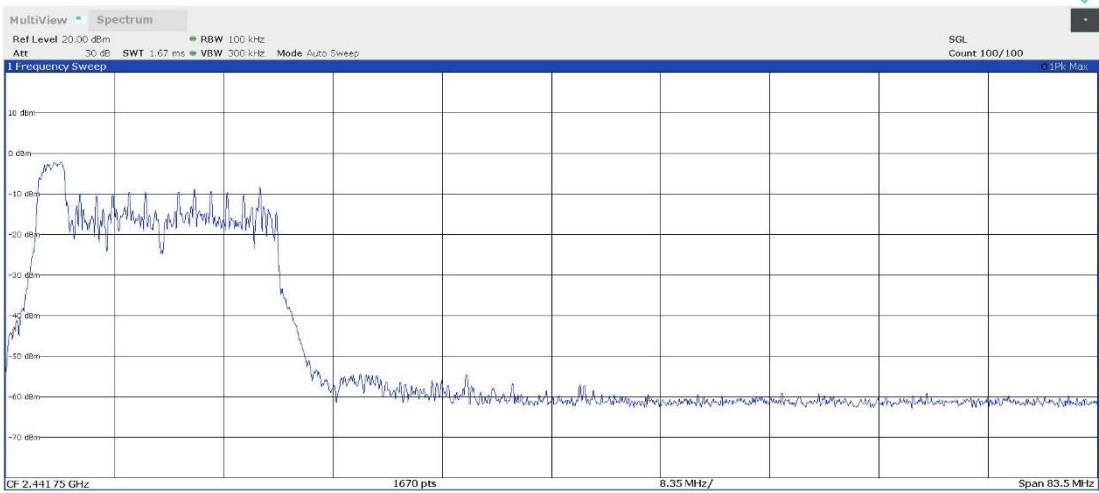
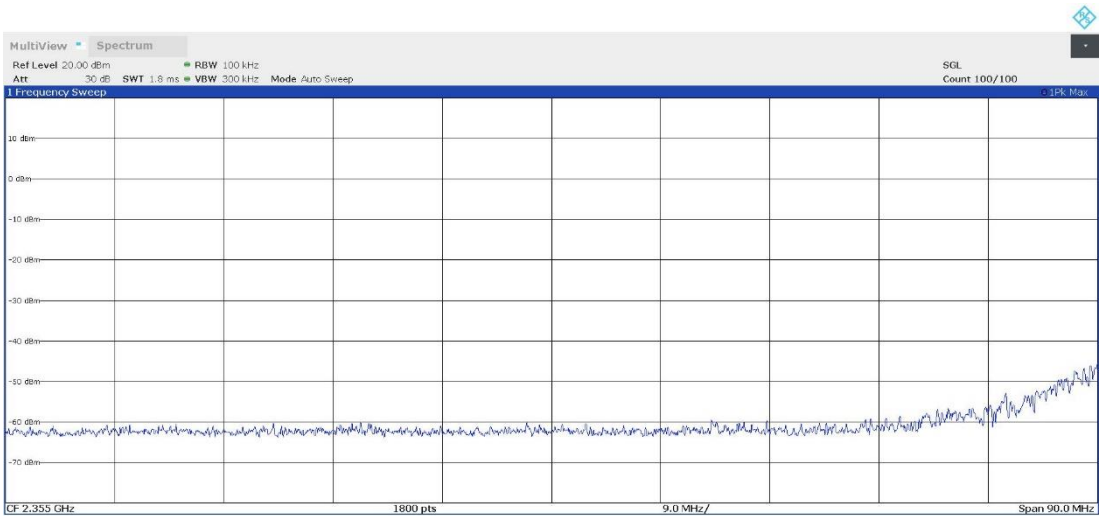
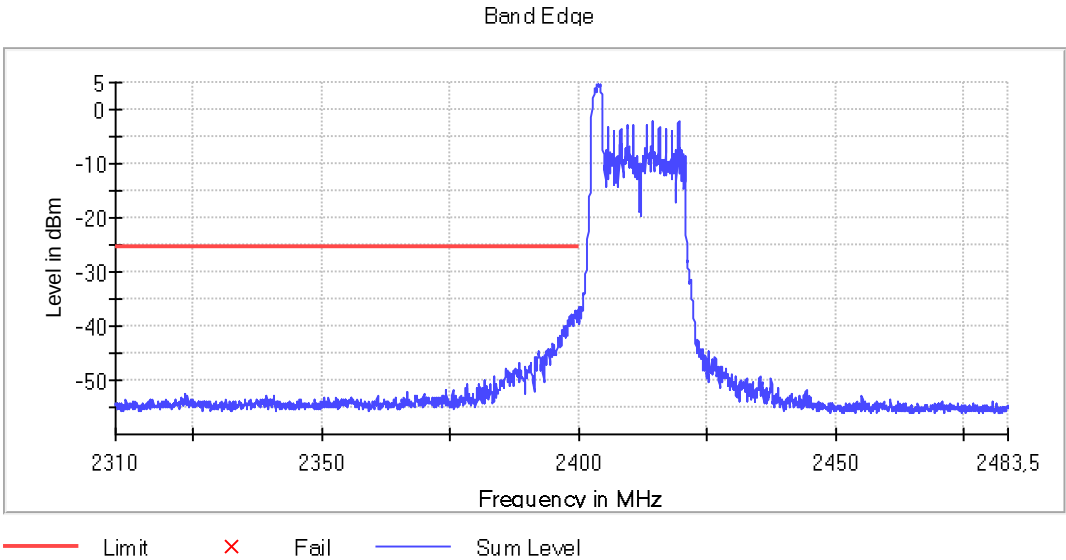
Images:



Equipment Type = Digital Transmission System (DTS)
Modulation = 802.11ax HE20 (OFDMA MCS0) RU26 (Worst offset according to preliminary PSD testing)
Antenna configuration = MIMO CDD Mode 2x2

Bandwidth MHz = 20
Frequency MHz = 2412.00000
Active Port = 1+3

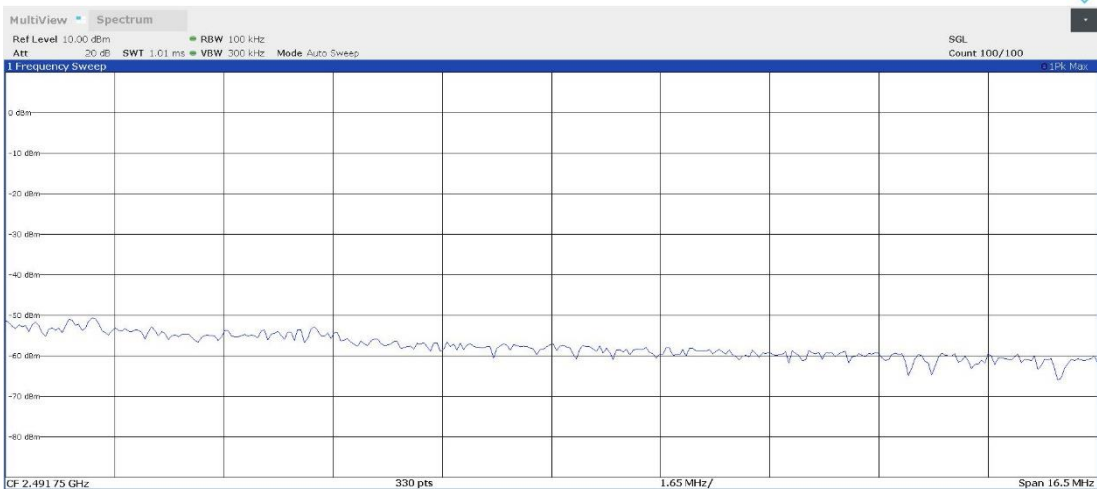
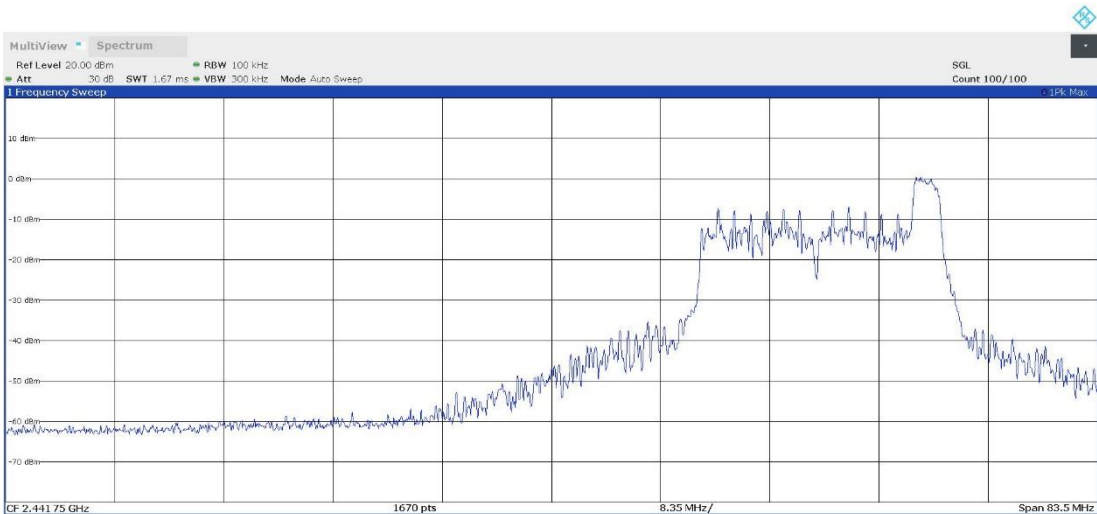
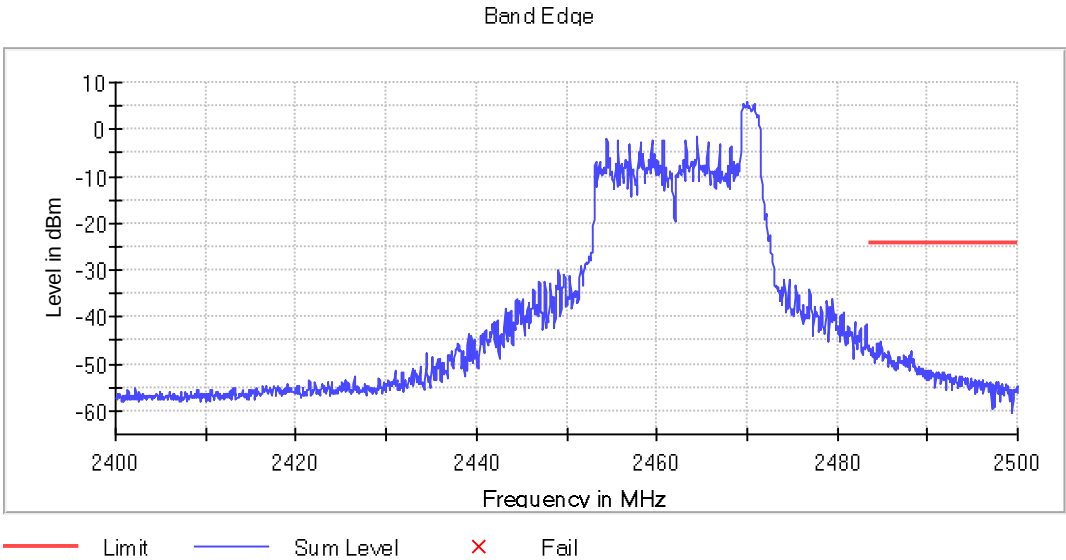
Images:



Equipment Type = Digital Transmission System (DTS)
Modulation = 802.11ax HE20 (OFDMA MCS0) RU26 (Worst offset according to preliminary PSD testing)
Antenna configuration = SISO

Bandwidth MHz = 20
Frequency MHz = 2462.00000
Active Port = 1

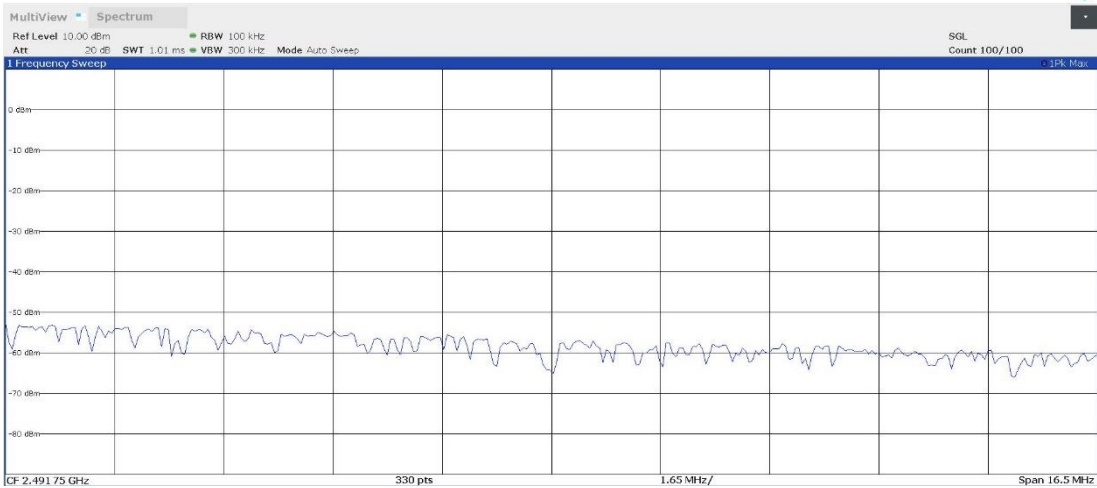
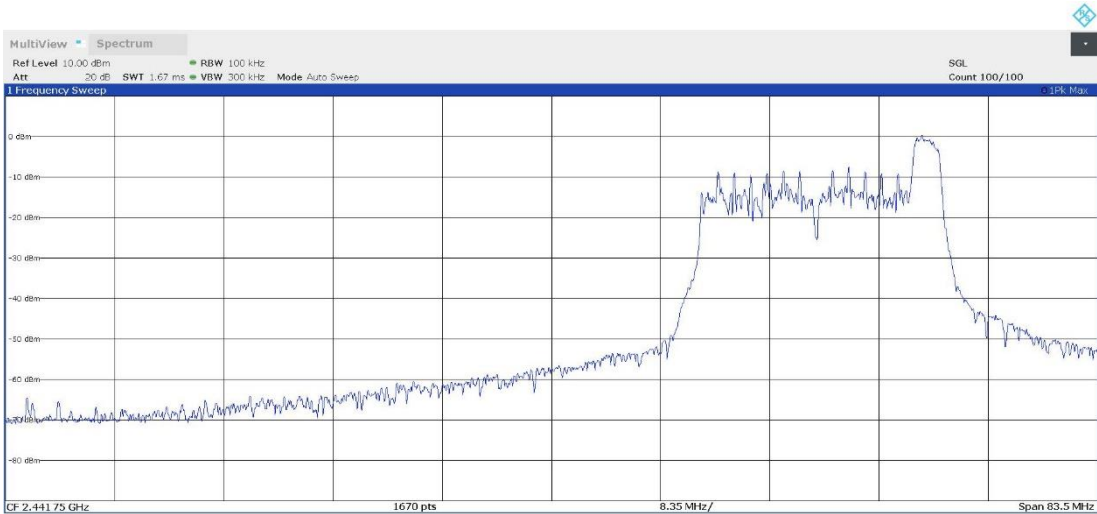
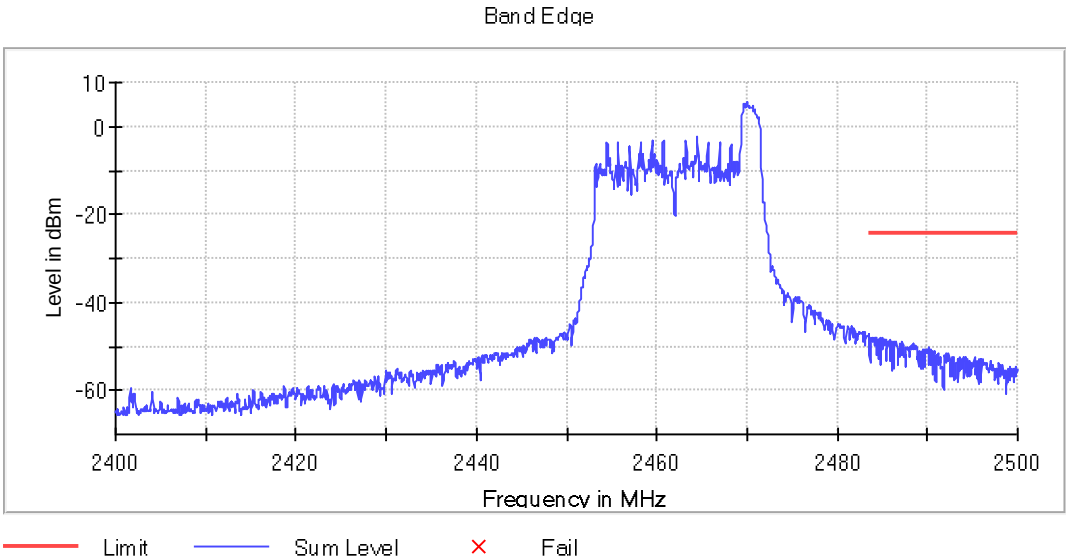
Images:



Equipment Type = Digital Transmission System (DTS)
Modulation = 802.11ax HE20 (OFDMA MCS0) RU26 (Worst offset according to preliminary PSD testing)
Antenna configuration = SISO

Bandwidth MHz = 20
Frequency MHz = 2462.00000
Active Port = 3

Images:



Equipment Type = Digital Transmission System (DTS)

Bandwidth MHz = 20

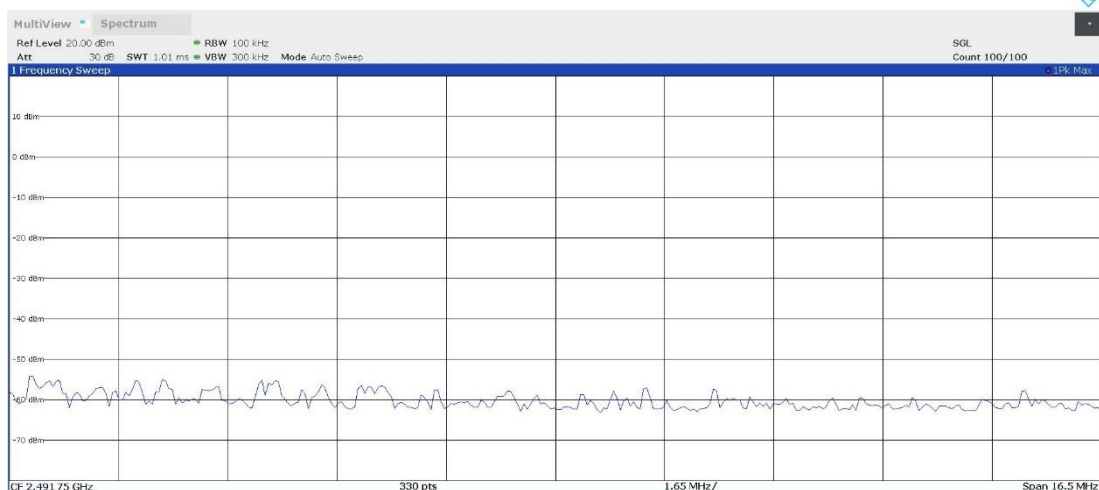
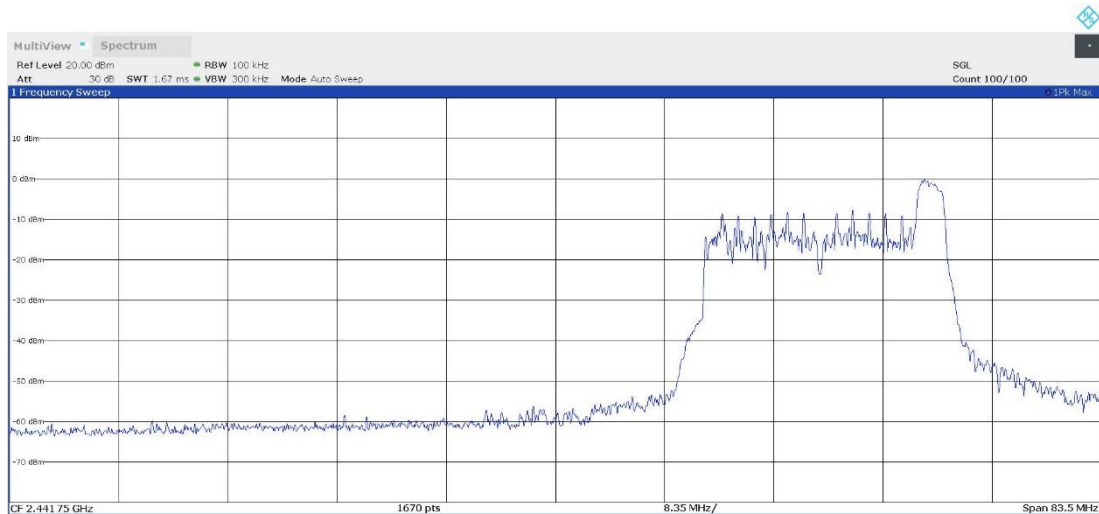
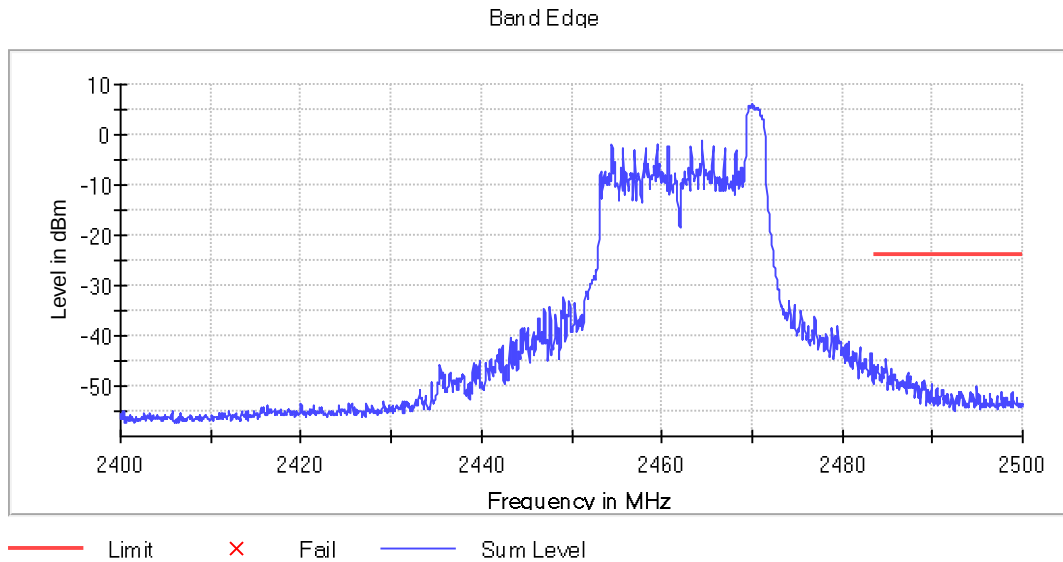
Modulation = 802.11ax HE20 (OFDMA MCS0) RU26 (Worst offset according to preliminary PSD testing)

Frequency MHz = 2462.00000

Antenna configuration = MIMO CDD Mode 2x2

Active Port = 1+3

Images:



Equipment Type = Digital Transmission System (DTS)

Modulation = 802.11ax HE40 (OFDMA MCS0) RU26 (Worst offset according to preliminary PSD testing)

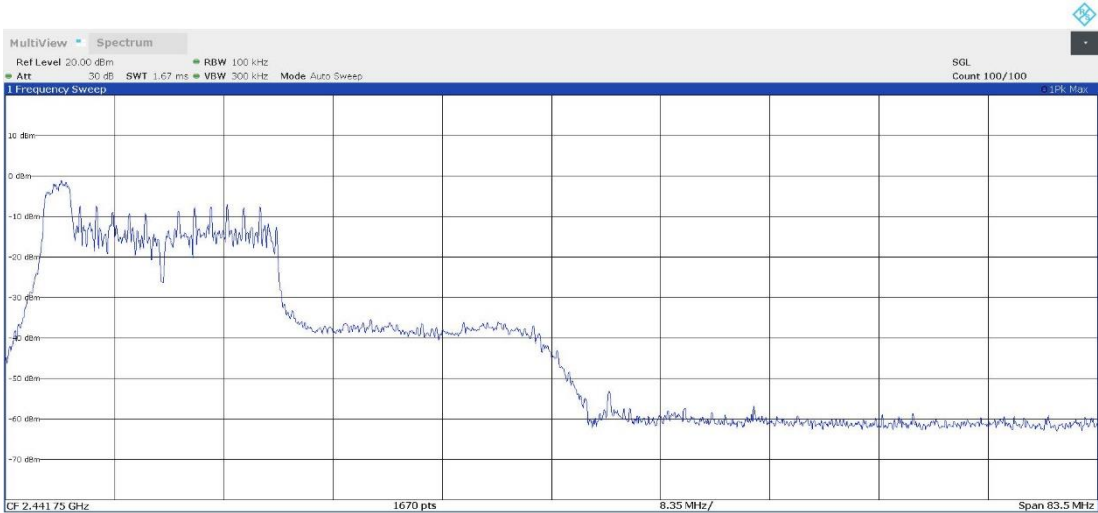
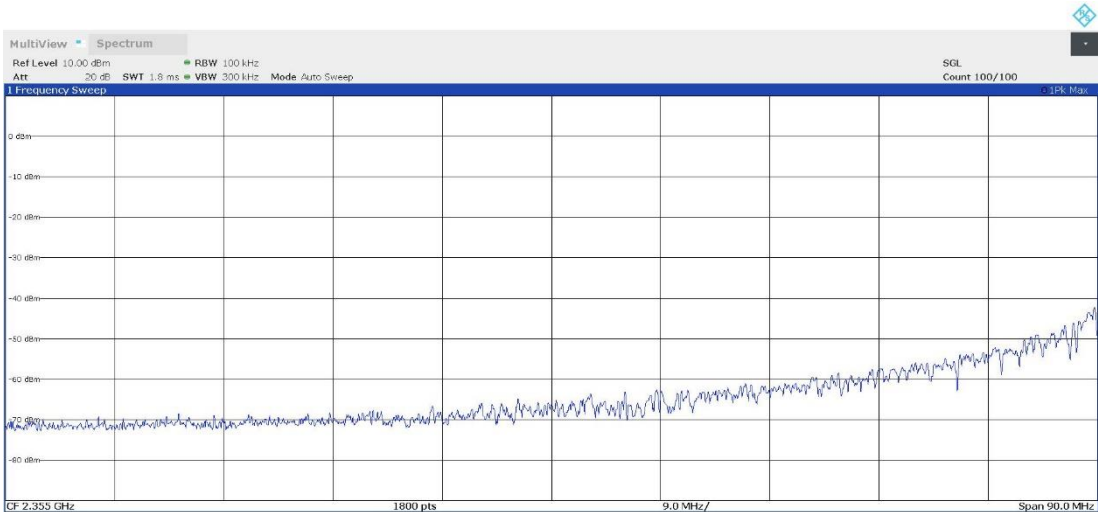
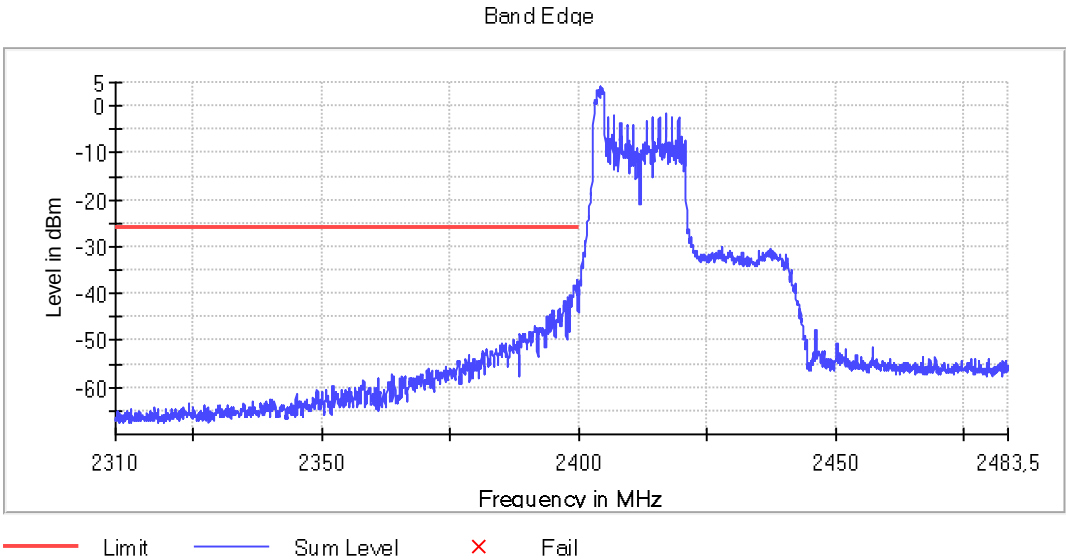
Antenna configuration = SISO

Bandwidth MHz = 40

Frequency MHz = 2422.00000

Active Port = 1

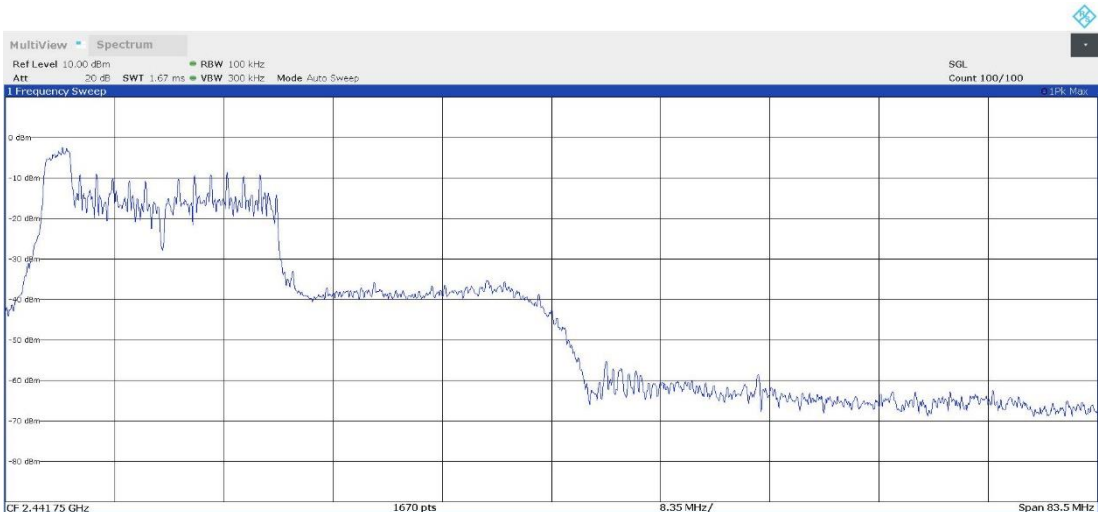
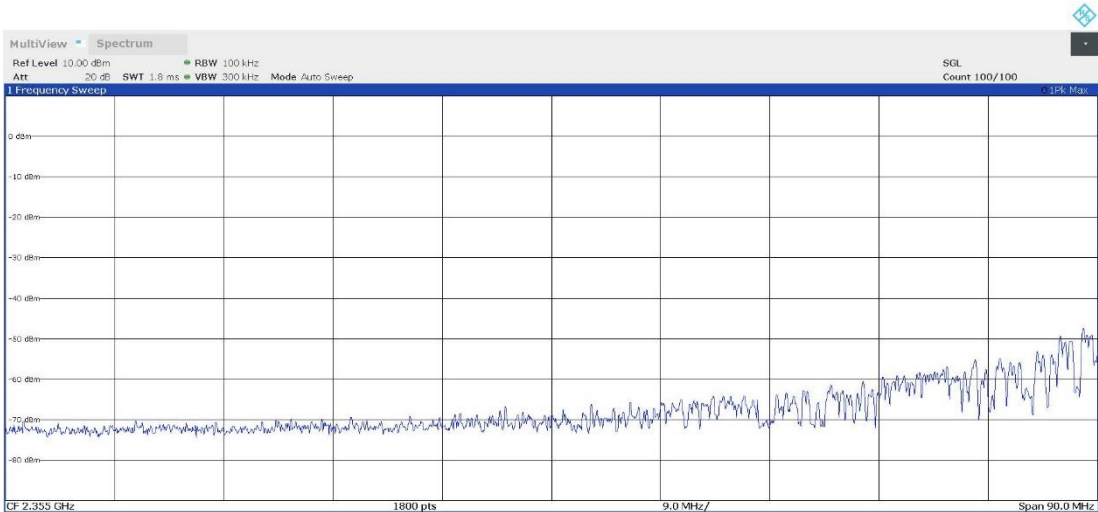
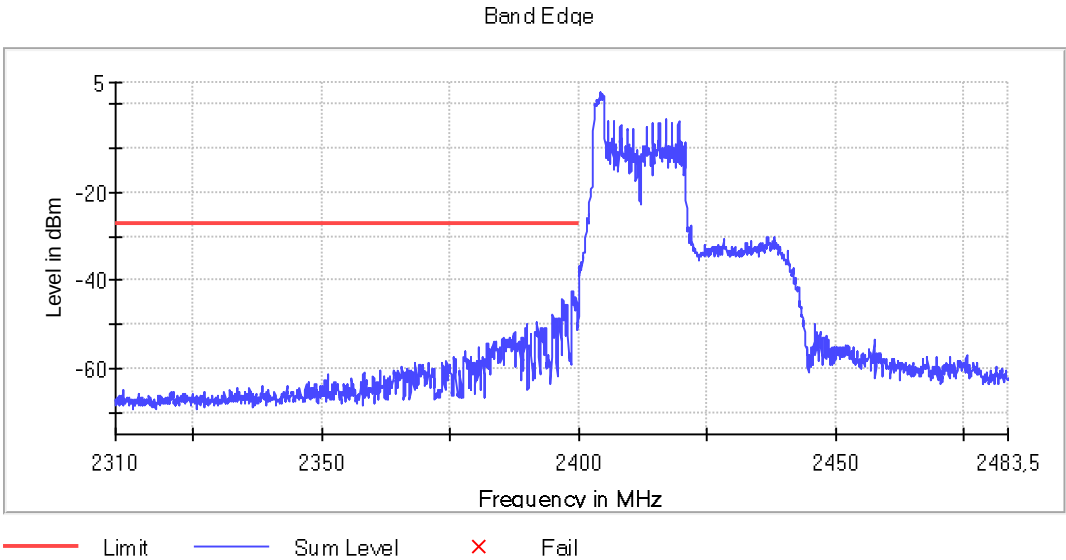
Images:



Equipment Type = Digital Transmission System (DTS)
Modulation = 802.11ax HE40 (OFDMA MCS0) RU26 (Worst offset according to preliminary PSD testing)
Antenna configuration = SISO

Bandwidth MHz = 40
Frequency MHz = 2422.00000
Active Port = 3

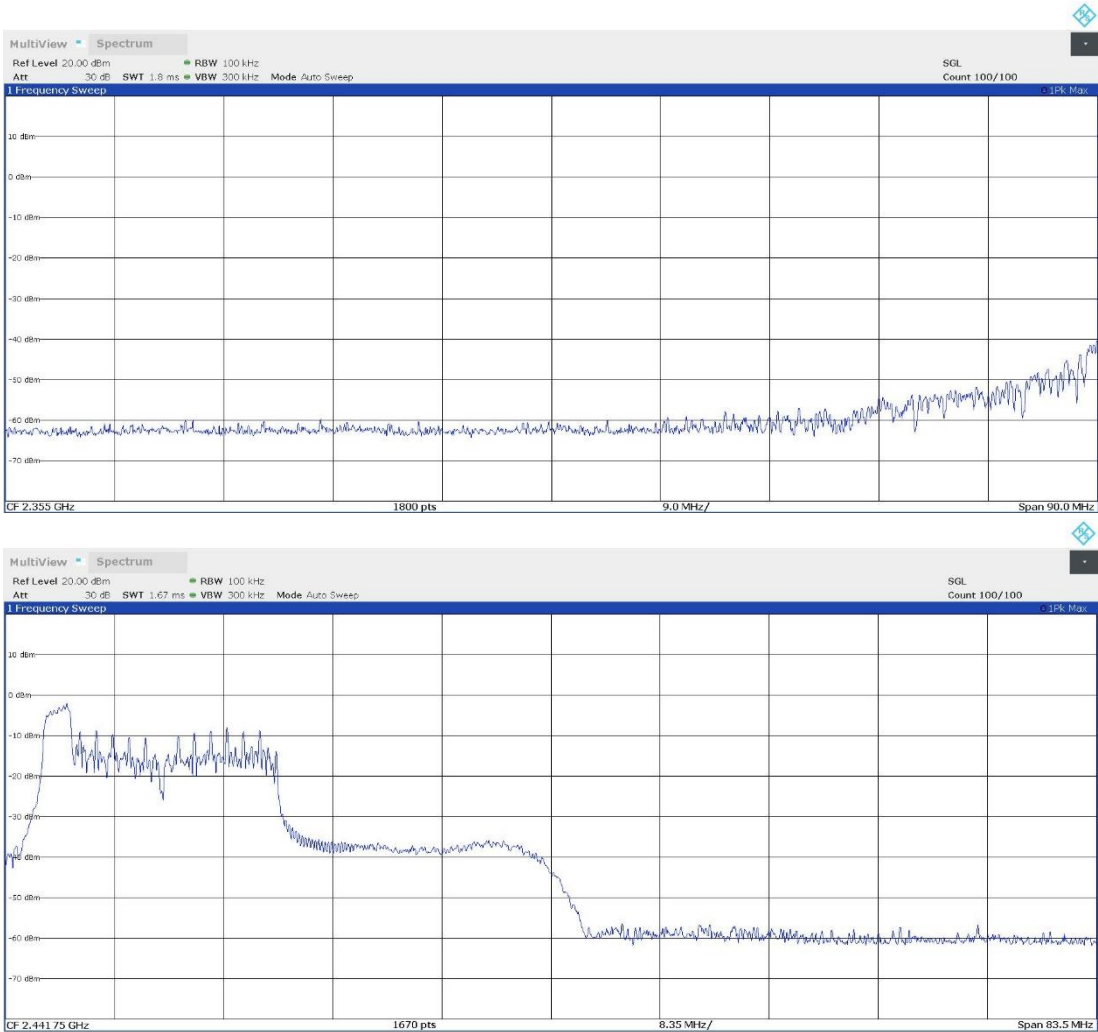
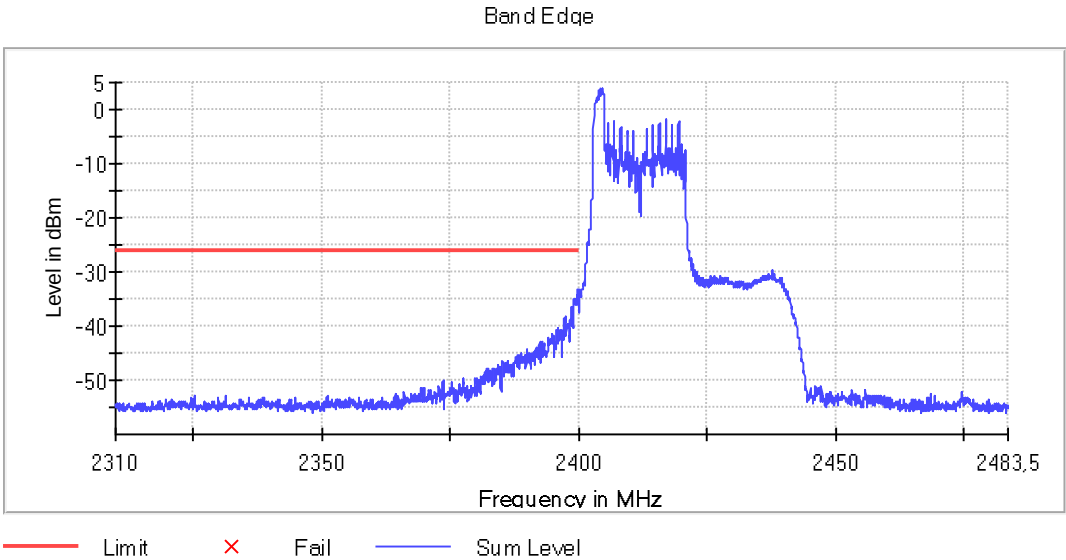
Images:



Equipment Type = Digital Transmission System (DTS)
Modulation = 802.11ax HE40 (OFDMA MCS0) RU26 (Worst offset according to preliminary PSD testing)
Antenna configuration = MIMO CDD Mode 2x2

Bandwidth MHz = 40
Frequency MHz = 2422.00000
Active Port = 1+3

Images:



Equipment Type = Digital Transmission System (DTS)

Bandwidth MHz = 40

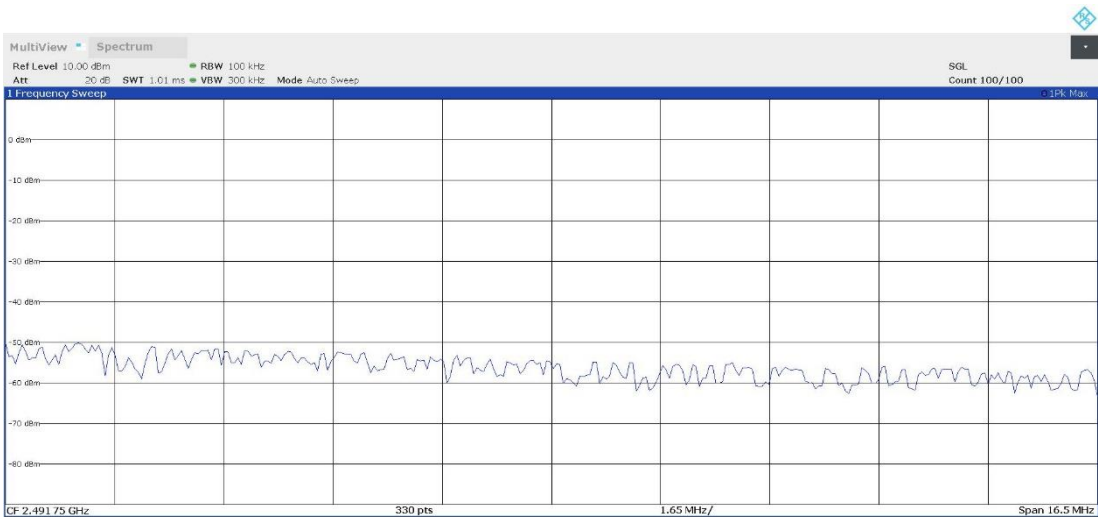
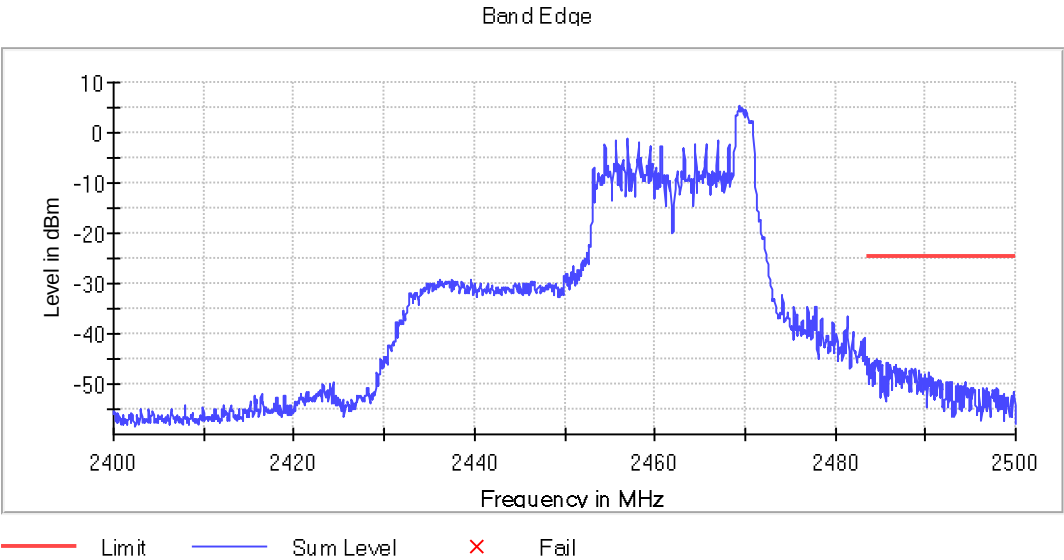
Modulation = 802.11ax HE40 (OFDMA MCS0) RU26 (Worst offset according to preliminary PSD testing)

Frequency MHz = 2452.00000

Antenna configuration = SISO

Active Port = 1

Images:



Equipment Type = Digital Transmission System (DTS)

Bandwidth MHz = 40

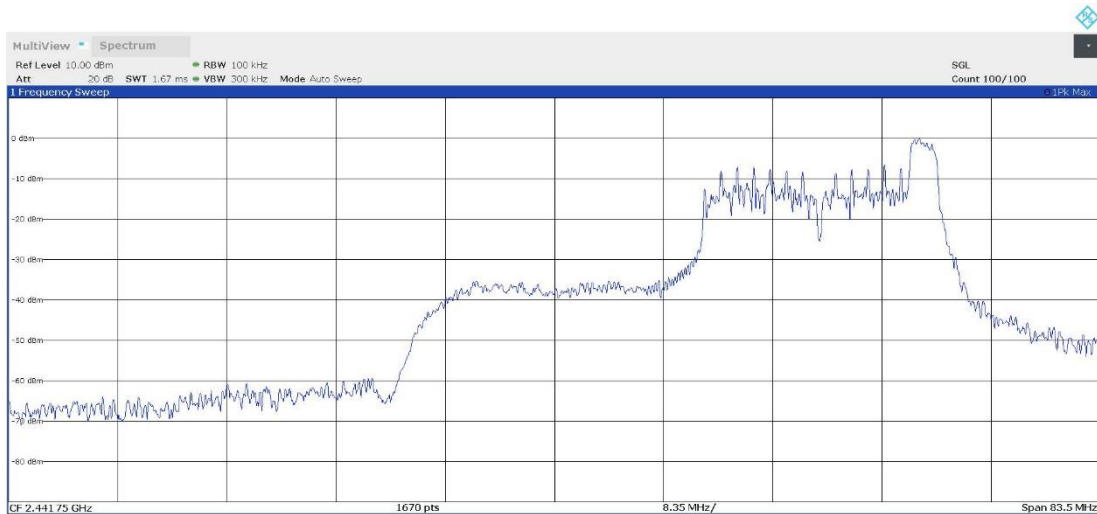
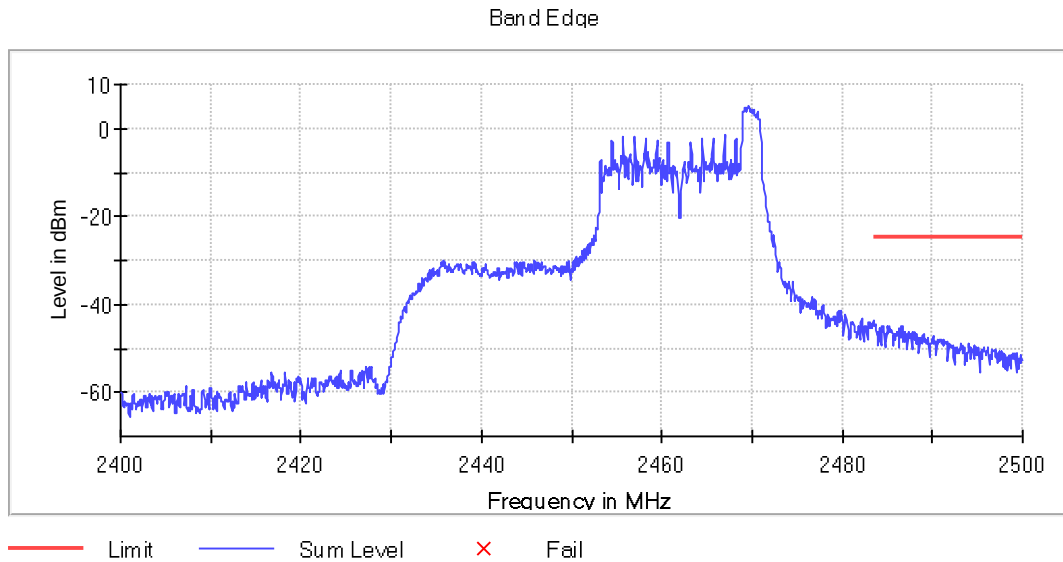
Modulation = 802.11ax HE40 (OFDMA MCS0) RU26 (Worst offset according to preliminary PSD testing)

Frequency MHz = 2452.00000

Antenna configuration = SISO

Active Port = 3

Images:



Equipment Type = Digital Transmission System (DTS)

Bandwidth MHz = 40

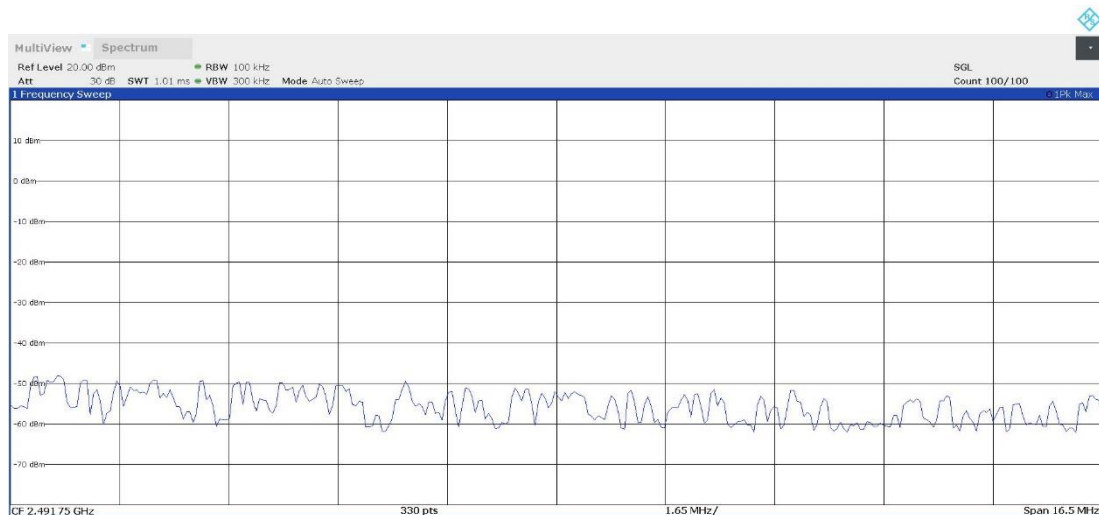
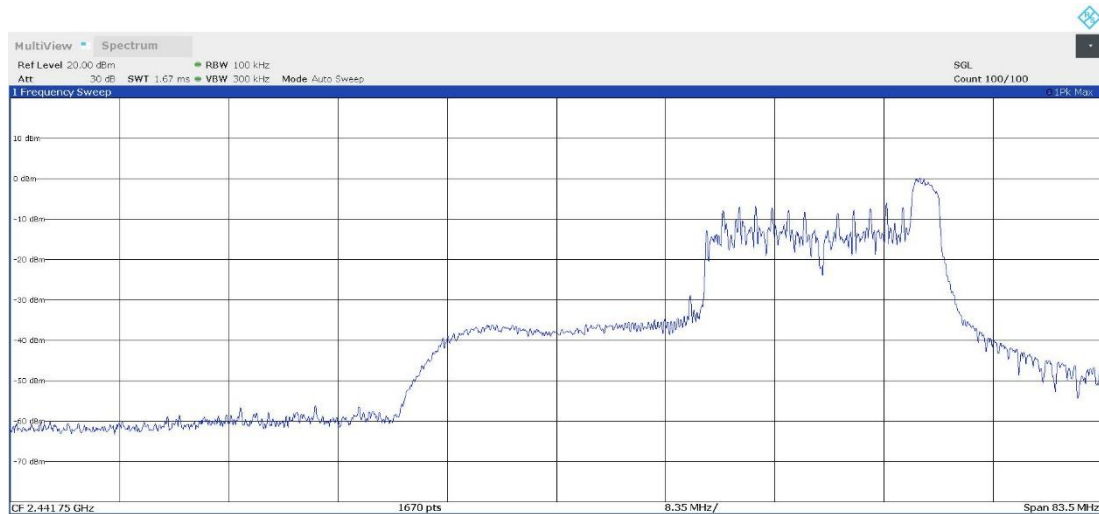
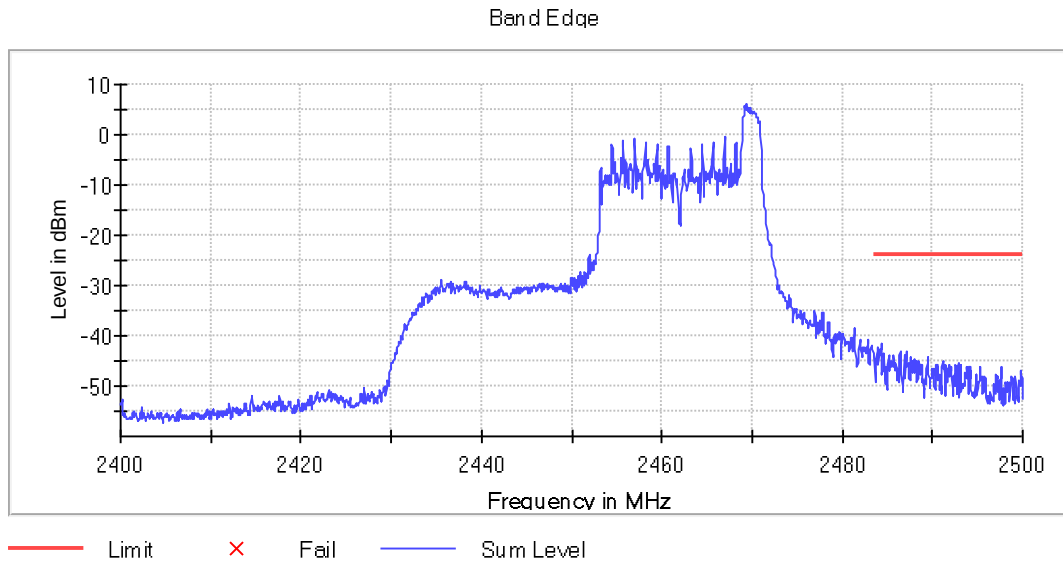
Modulation = 802.11ax HE40 (OFDMA MCS0) RU26 (Worst offset according to preliminary PSD testing)

Frequency MHz = 2452.00000

Antenna configuration = MIMO CDD Mode 2x2

Active Port = 1+3

Images:



RSS-247 5.5 / FCC 15.247 (d) Emission limitations radiated (Transmitter)

Limits

Radiated emissions which fall in the restricted bands, as defined in Section 15.205(a), must also comply with the radiated emission limits specified in Section 15.209(a) (see Section 15.205(c)/RSS-Gen):

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
Above 960	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.

RSS-247: Attenuation below the general field strength limits specified in RSS-Gen is not required.

Frequency range tested for Radiated emissions:

Start frequency: no radiofrequency signal generated in the device found below 10th sub-harmonic, no further investigation required.

Stop frequency: it has been performed the radiated spurious emissions until 10th harmonic.

The setting for each range of frequency is indicated in the following tables:

Subrange	Step Size	Detectors	Bandwidth	Sweep Time	Preamp
Receiver: [ESW 44]					
30 MHz - 1 GHz	40 kHz	PK+	100 kHz	0,01 s	0 dB
1 GHz - 2,39 GHz	400 kHz	PK+	1 MHz	0,01 s	0 dB
2,39 GHz - 2,484 GHz	40 kHz	PK+	100 kHz	0,01 s	0 dB
2,484 GHz - 3 GHz	400 kHz	PK+	1 MHz	0,01 s	0 dB
3 GHz - 17 GHz	400 kHz	PK+	1 MHz	0,01 s	0 dB
17 GHz - 26 GHz	400 kHz	PK+	1 MHz	0,01 s	0 dB

Results

This test was performed on determined SISO Chain 0 (Port 1) as worst-case after preliminary testing.

Frequency Range GHz = [0.03, 1]

Modulation: The spurious frequencies detected do not depend on either the modulation or the operating channel.

Freq Rng (GHz)	Equipment	Freq (MHz)	Unwanted Freq (MHz)	Unwanted Lvl (dBµV/m)	Pol	Detector
[0.03, 1]	Frequency Hopping Spread Spectrum systems (DSS)	2402.00000	210.1775	32.77	H	PK
				27.79	H	QP
		210.1775	210.1775	40.49	V	PK
				38.28	V	QP

Verdict

Pass

Attachments

Frequency Range GHz = [0.03, 1]

Modulation = The spurious frequencies detected do not depend on the modulation.

Antenna configuration: SISO

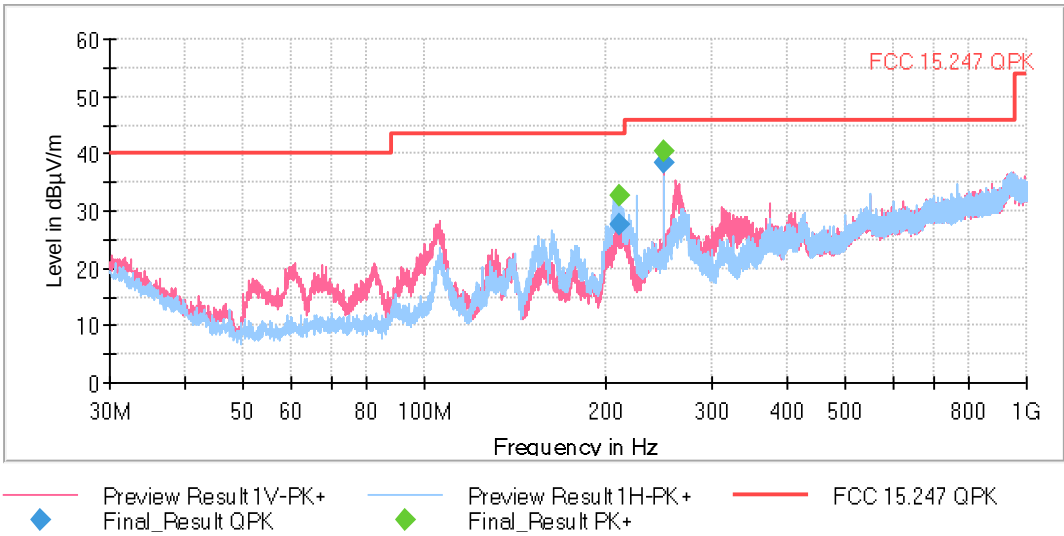
Equipment Type = Frequency Hopping Spread Spectrum systems (DSS)

Frequency MHz = The spurious frequencies detected do not depend on the operating channel.

Active Port = 1

Images:

Test range performed in worst-case.



Modulation: 802.11b (DSSS 1 Mbit/s)

Antenna configuration: SISO

Results

Freq Rng (GHz)	Equipment	Freq (MHz)	Port	Unwanted Freq (MHz)	Unwanted Lvl (dBµV/m)	Pol	Detector
[1, 17]	Digital Transmission System (DTS)	2462.00000	1	2487.200	57.12	V	PK
					45.91	V	AVG

Antenna configuration: MIMO CDD Mode 2x2

Results

Freq Rng (GHz)	Equipment	Freq (MHz)	Port	Unwanted Freq (MHz)	Unwanted Lvl (dBµV/m)	Pol	Detector
[1, 17]	Digital Transmission System (DTS)	2412.00000	1+3	2387.700	55.82	V	PK
					44.22	V	AVG
		2462.00000		2487.900	56.43	V	PK
					45.29	V	AVG

Verdict

Pass

Attachments

Frequency Range GHz = [1, 17]

Equipment Type = Digital Transmission System (DTS)

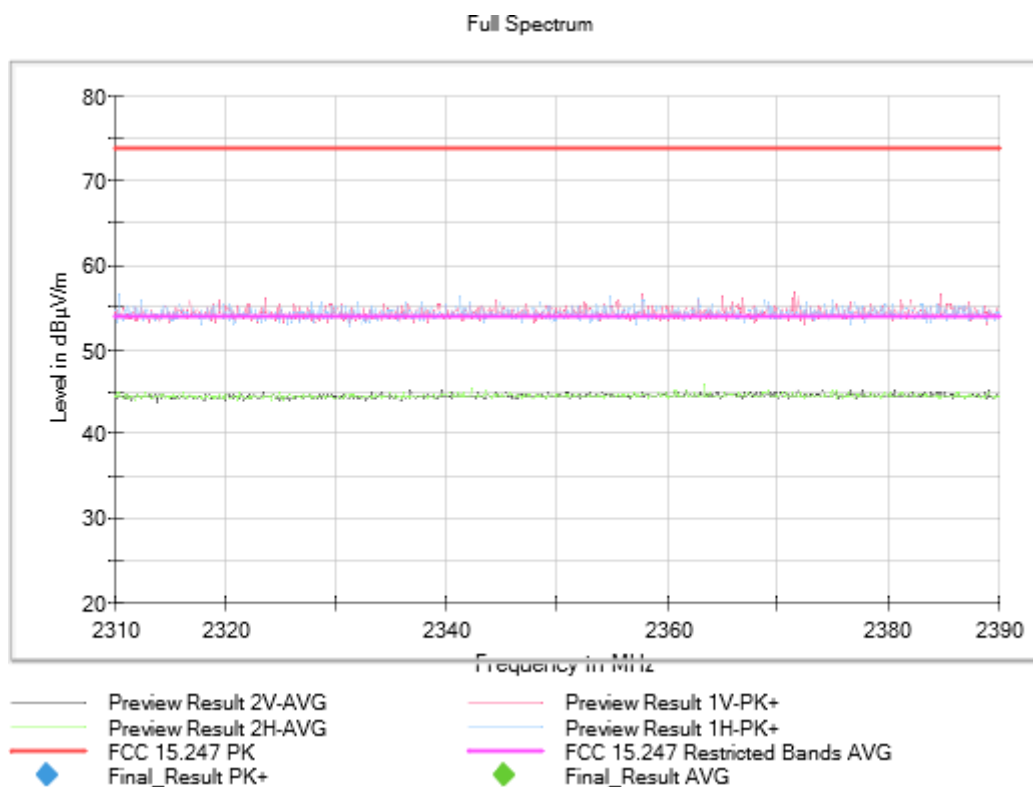
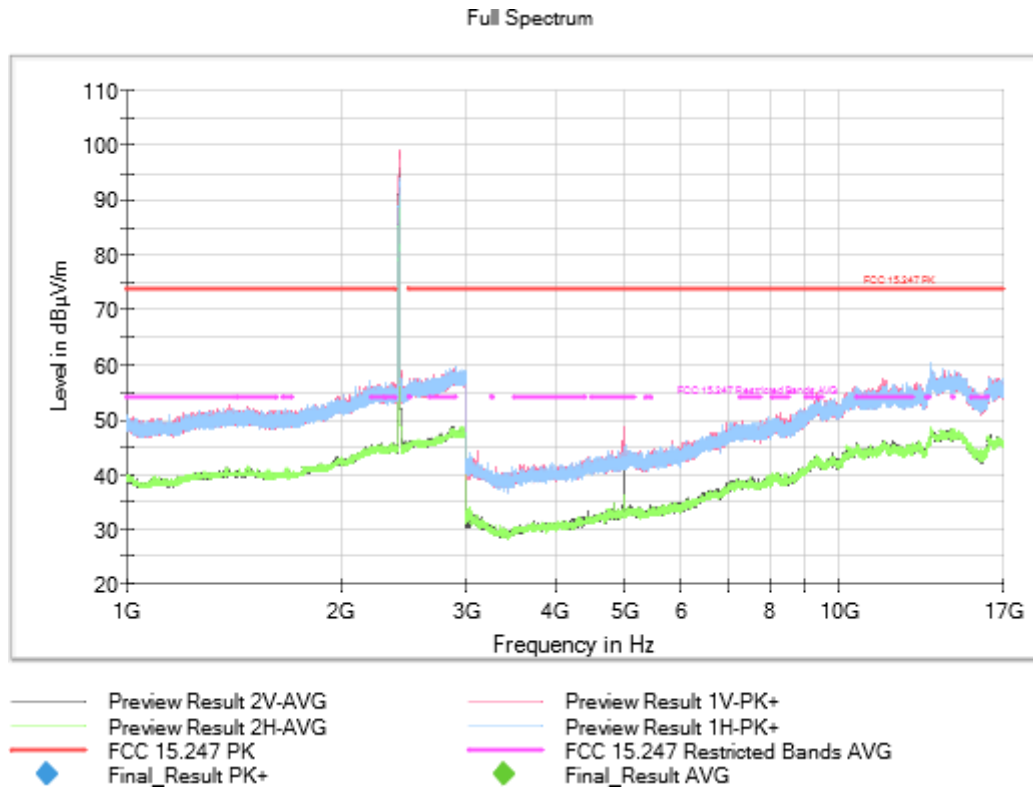
Modulation = 802.11b (DSSS 1 Mbit/s)

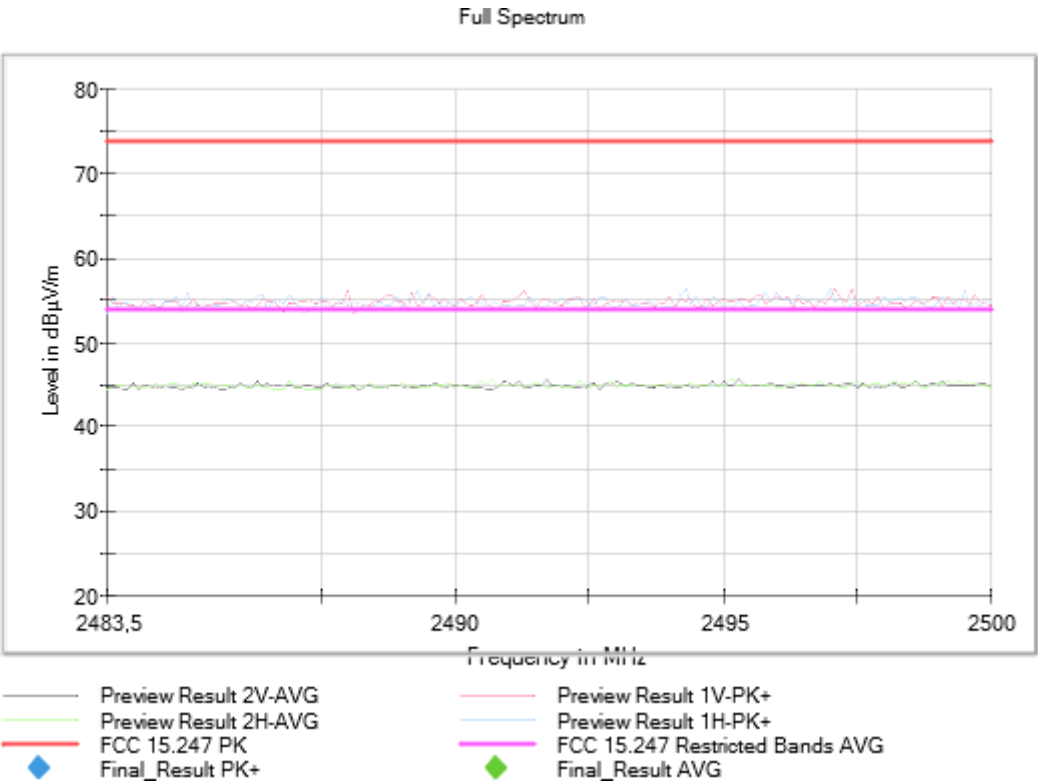
Frequency MHz = 2412.00000

Antenna configuration = SISO

Active Port = 1

Images:





Frequency Range GHz = [1, 17]

Equipment Type = Digital Transmission System (DTS)

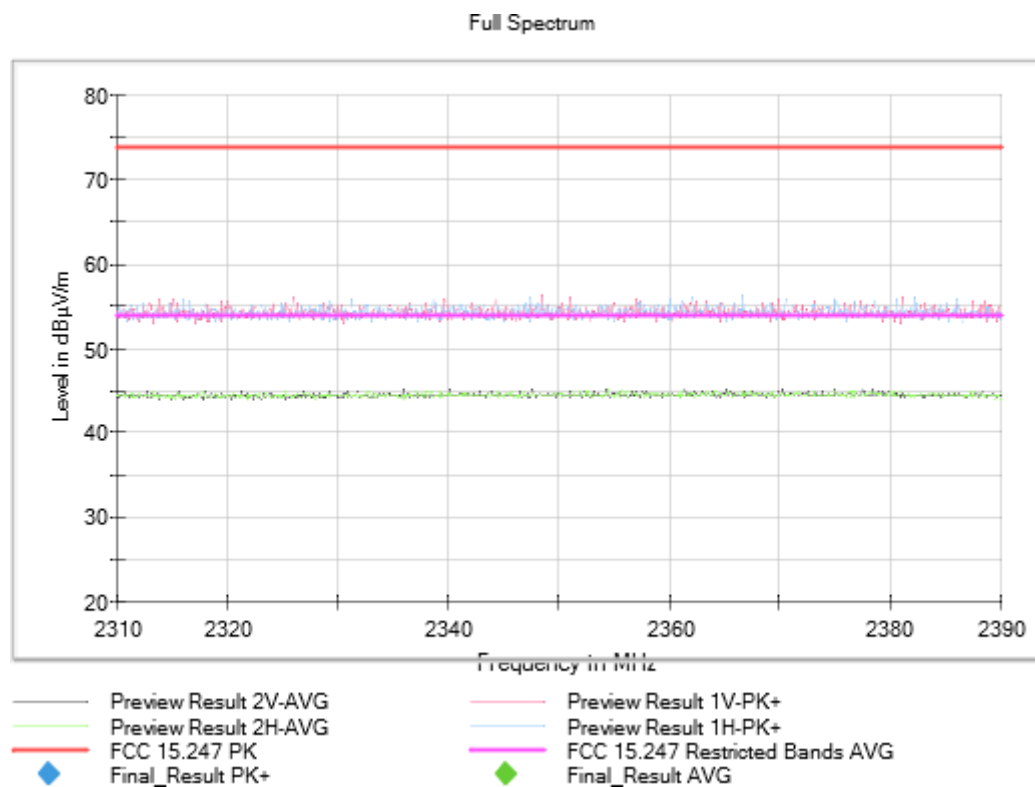
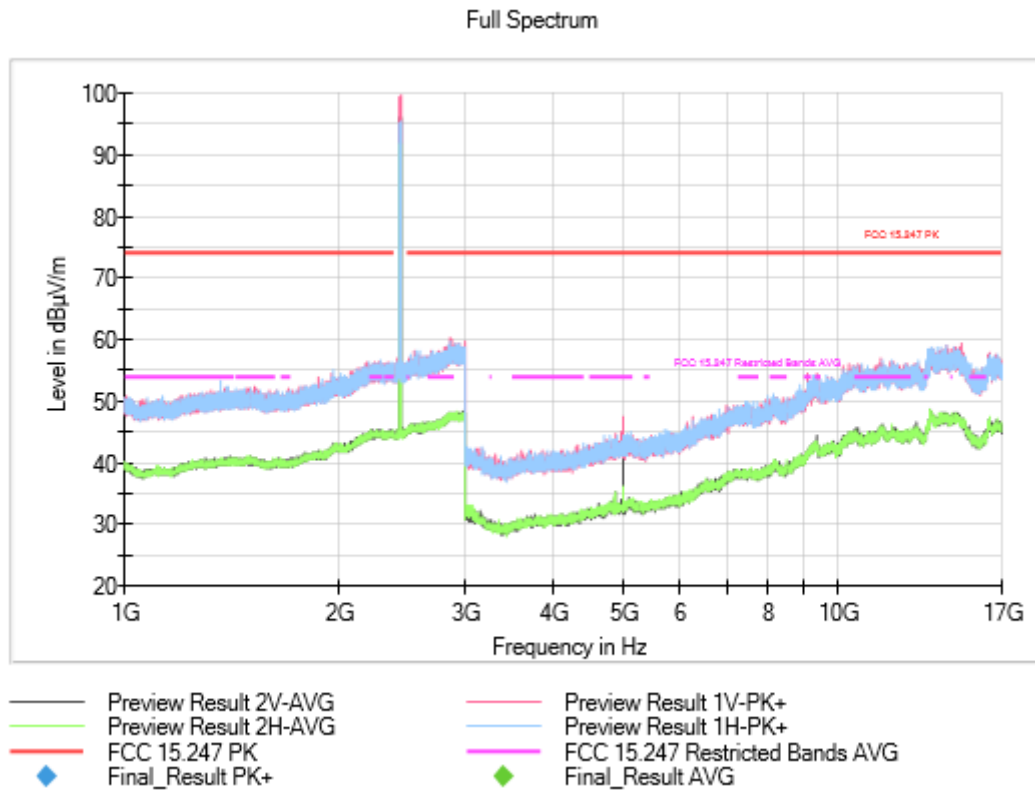
Modulation = 802.11b (DSSS 1 Mbit/s)

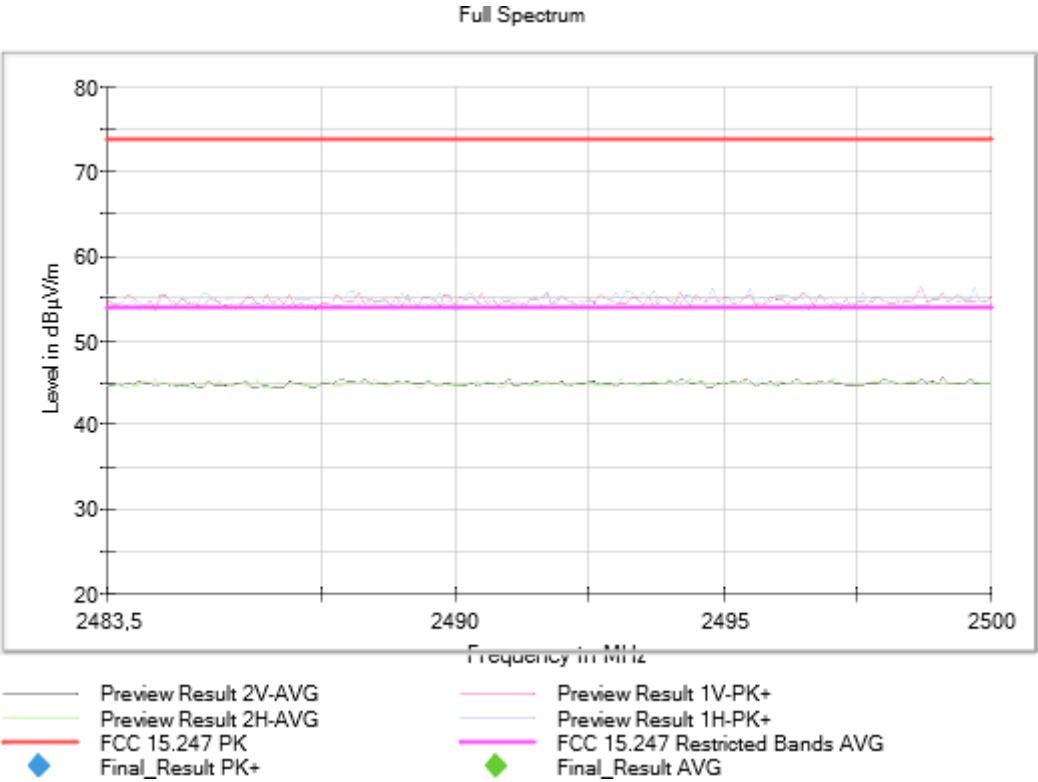
Frequency MHz = 2437.00000

Antenna configuration = SISO

Active Port = 1

Images:





Frequency Range GHz = [1, 17]

Equipment Type = Digital Transmission System (DTS)

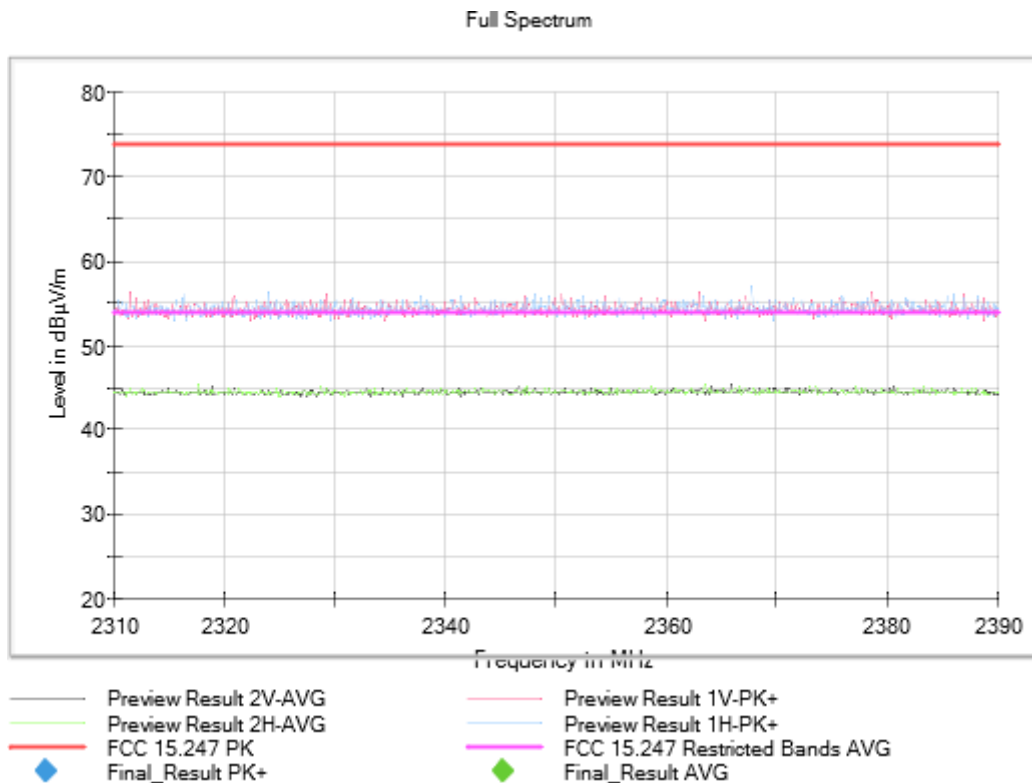
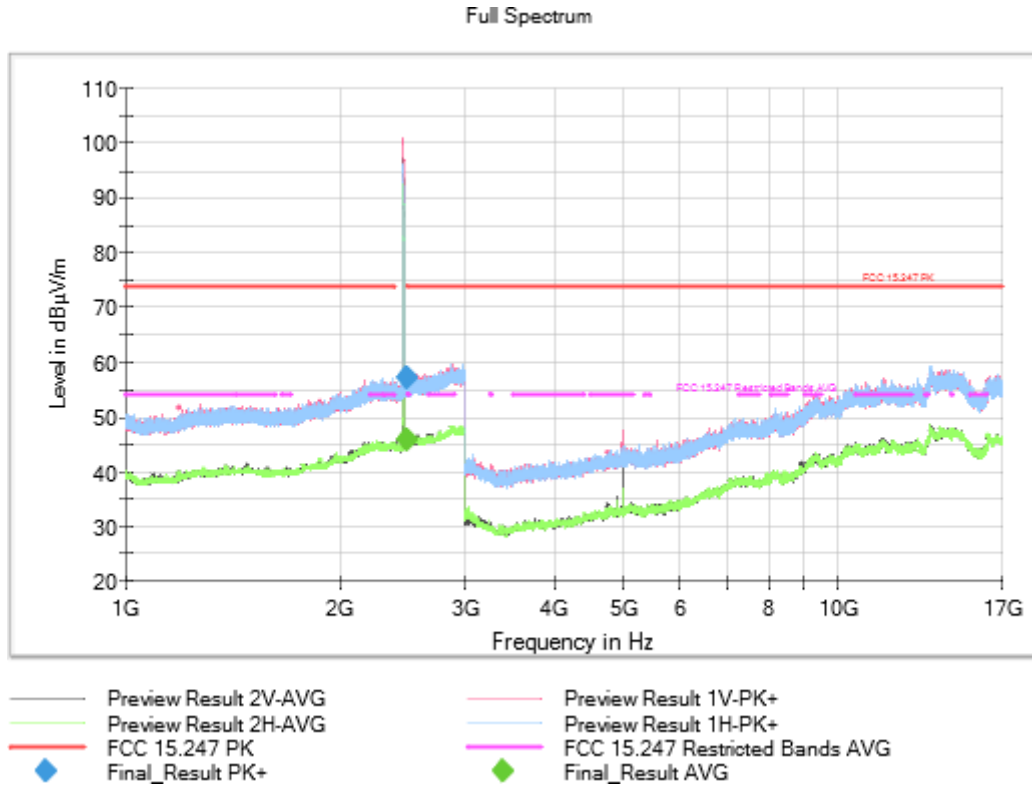
Modulation = 802.11b (DSSS 1 Mbit/s)

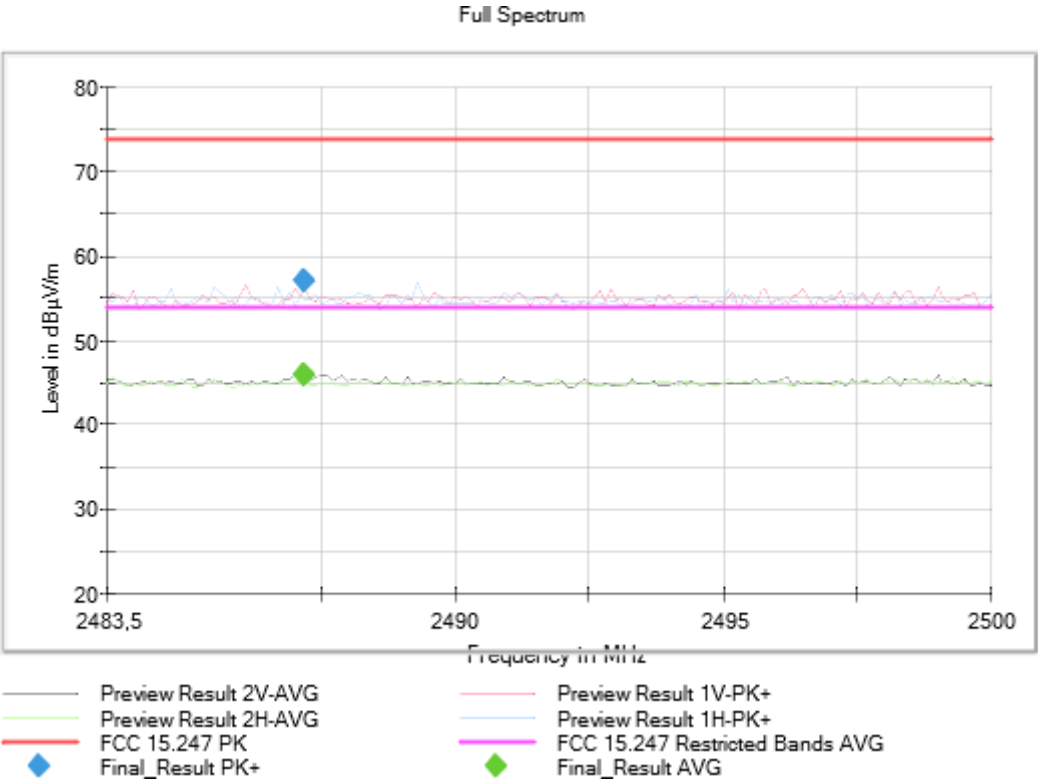
Frequency MHz = 2462.00000

Antenna configuration = SISO

Active Port = 1

Images:





Frequency Range GHz = [1, 17]

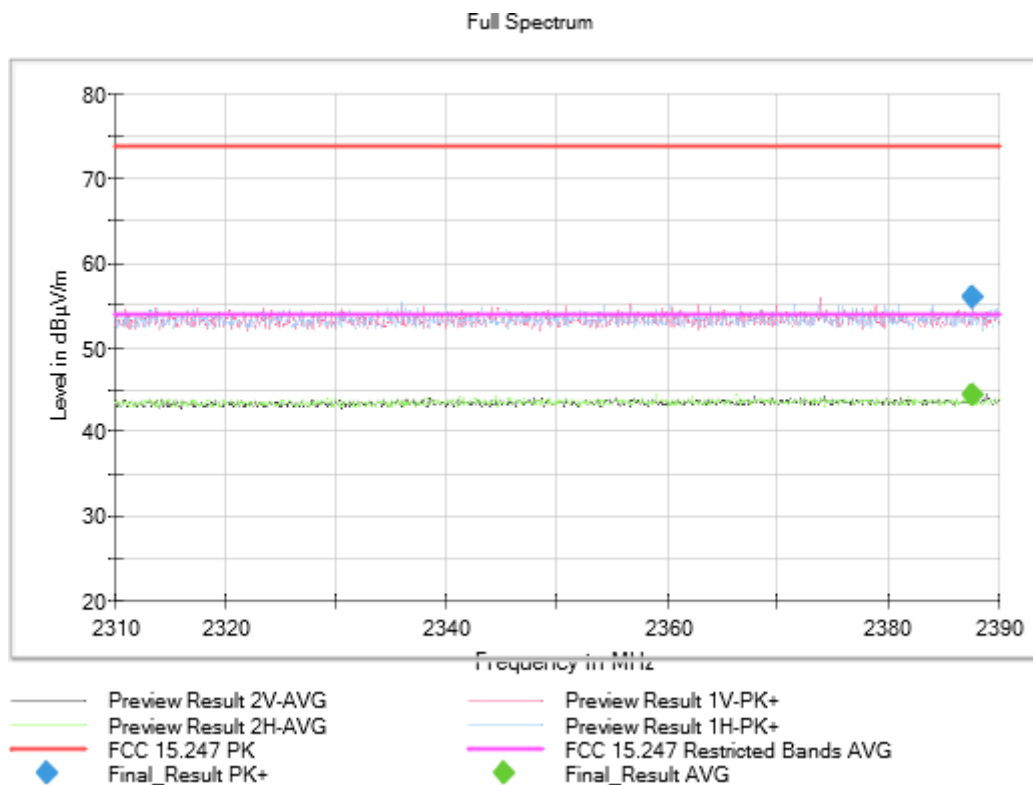
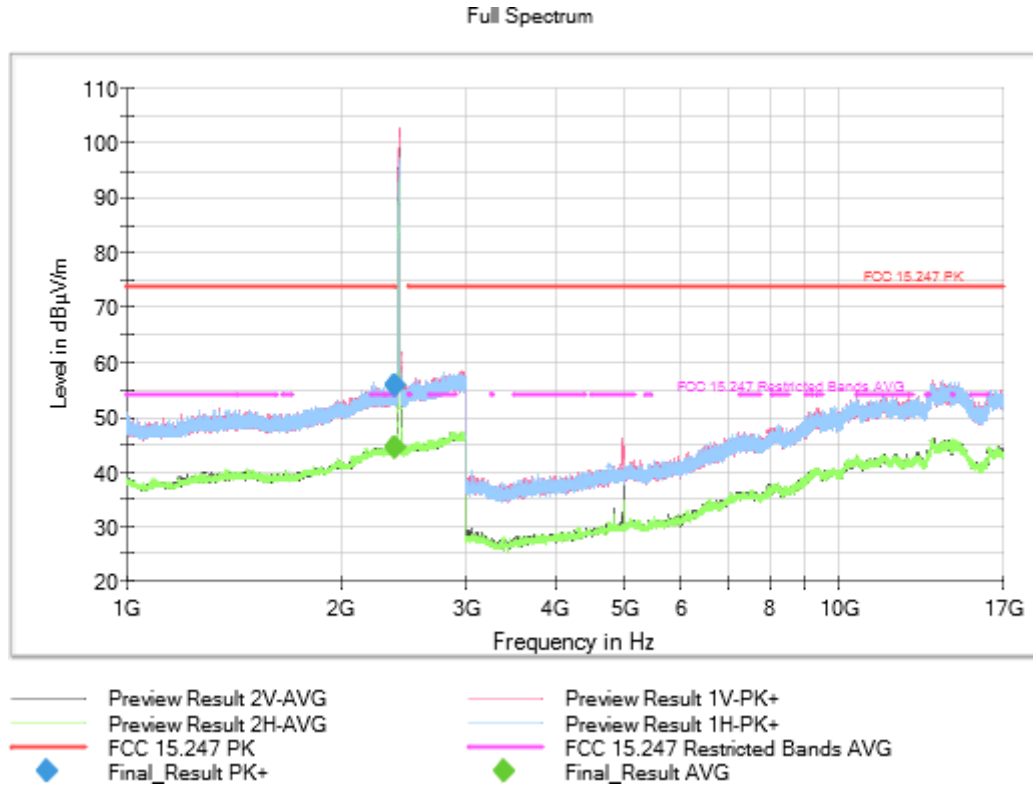
Equipment Type = Digital Transmission System (DTS)

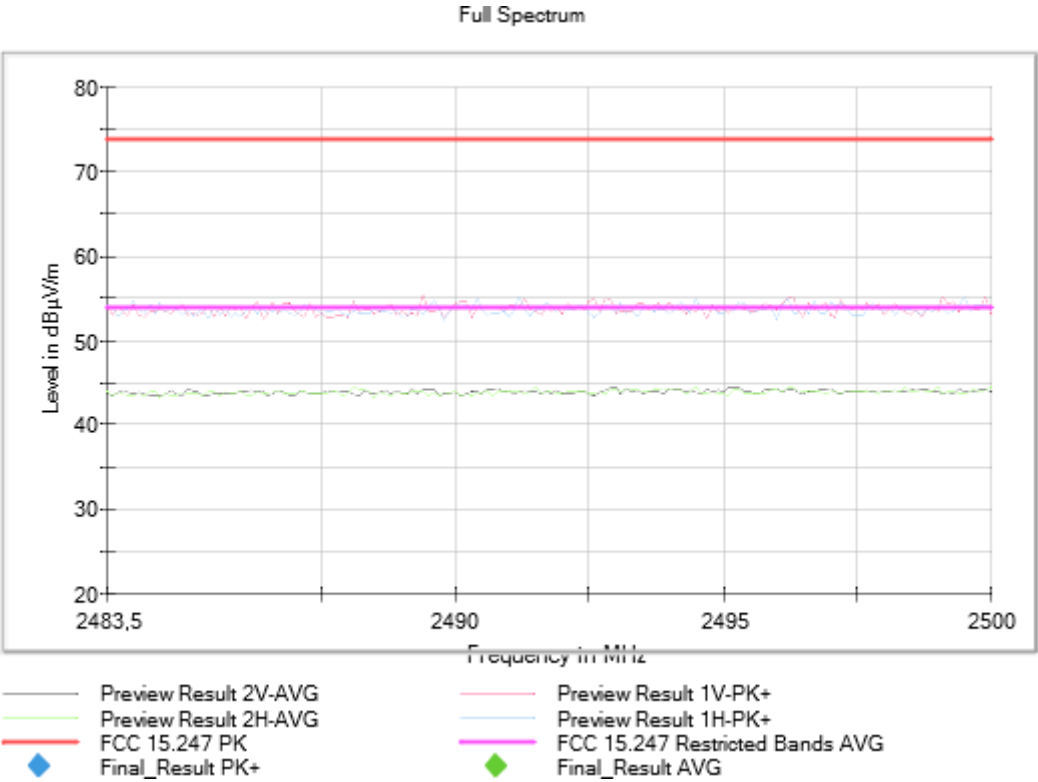
Modulation = 802.11b (DSSS 1 Mbit/s)

Frequency MHz = 2412.00000

Antenna configuration = MIMO CDD Mode 2x2 Active Port = 1+3

Images:





Frequency Range GHz = [1, 17]

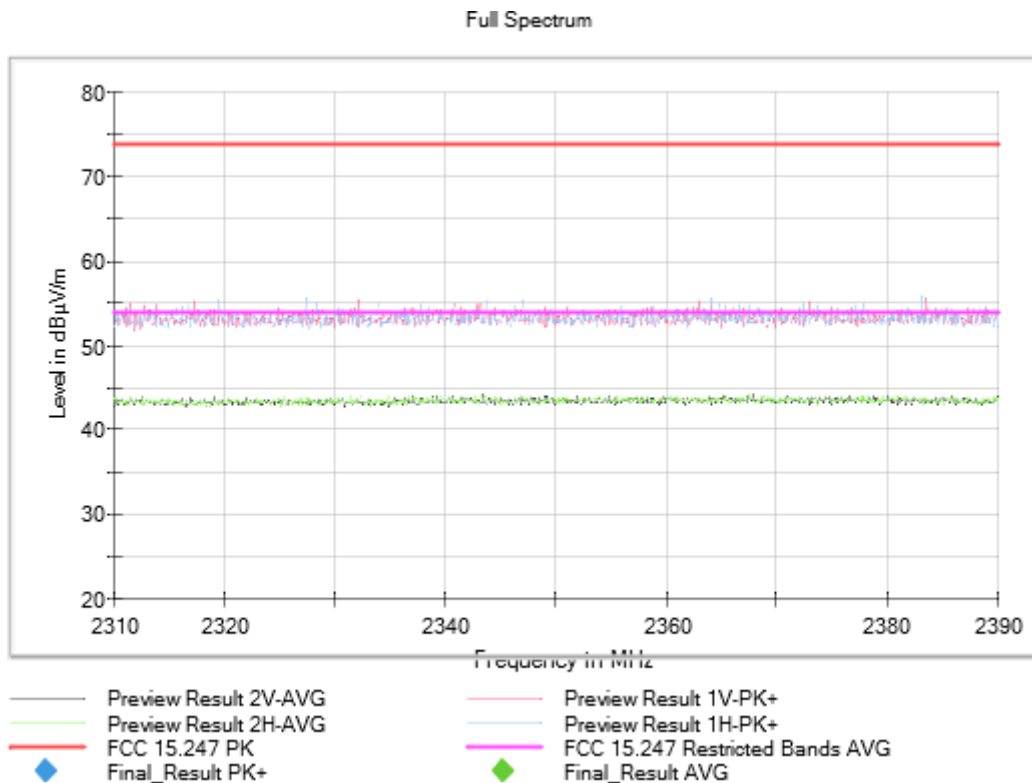
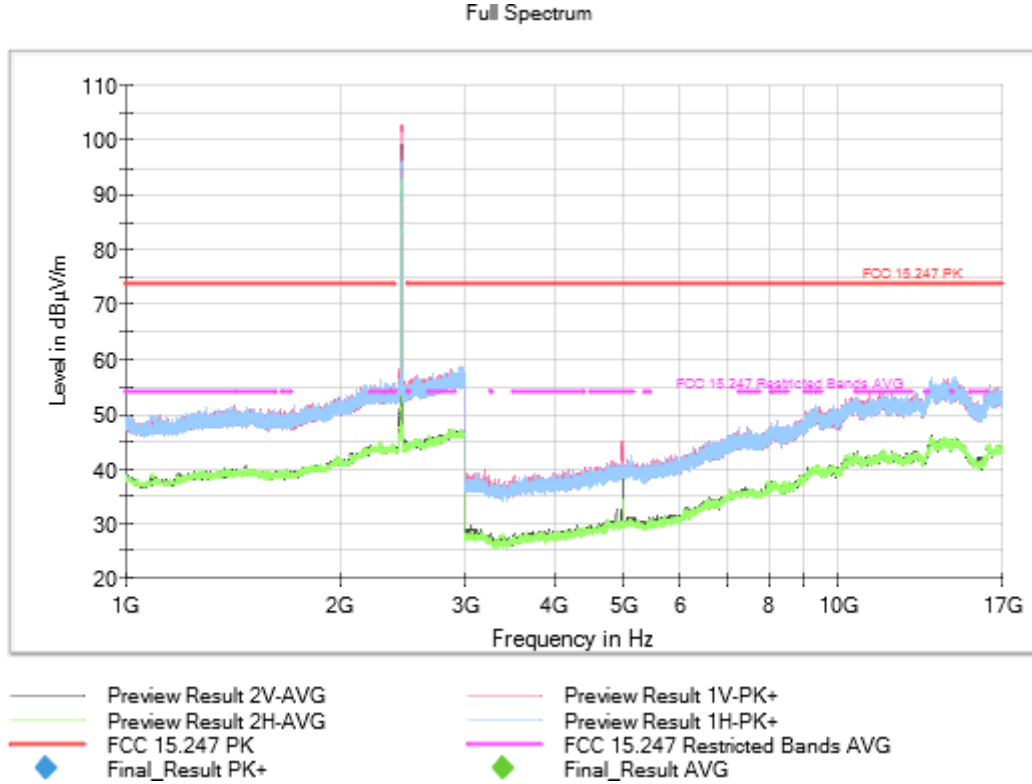
Equipment Type = Digital Transmission System (DTS)

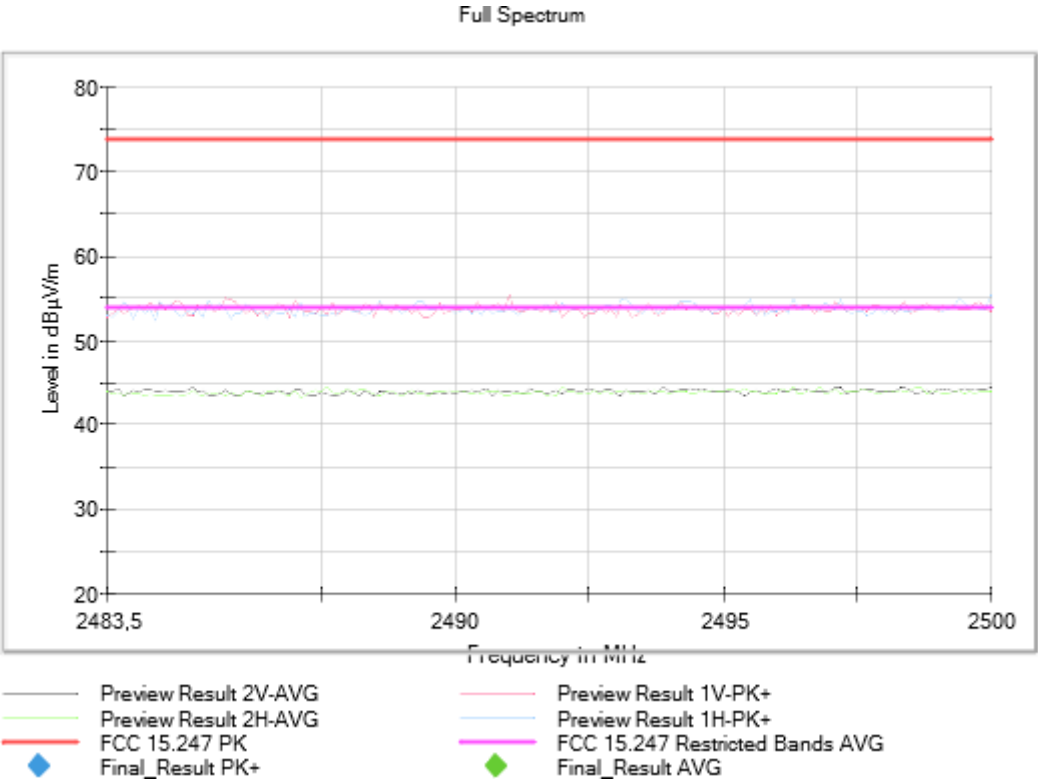
Modulation = 802.11b (DSSS 1 Mbit/s)

Frequency MHz = 2437.00000

Antenna configuration = MIMO CDD Mode 2x2 Active Port = 1+3

Images:





Frequency Range GHz = [1, 17]

Equipment Type = Digital Transmission System (DTS)

Modulation = 802.11b (DSSS 1 Mbit/s)

Frequency MHz = 2462.00000

Antenna configuration = MIMO CDD Mode 2x2 Active Port = 1+3

Images:

