

Spectrum Analyzer Parameters 2

Setting	Instrument Value	Target Value
Start Frequency	2.40000 GHz	2.40000 GHz
Stop Frequency	2.48350 GHz	2.48350 GHz
Span	83.500 MHz	83.500 MHz
RBW	100.000 kHz	<= 100.000 kHz
VBW	300.000 kHz	>= 300.000 kHz
SweepPoints	1670	~ 1670
Sweeptime	94.727 µs	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	60 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.16 dB	0.50 dB

Operation Band MHz = [2400, 2483.5]

Equipment Type = Digital Transmission System (DTS)

Frequency MHz = 2462.00000

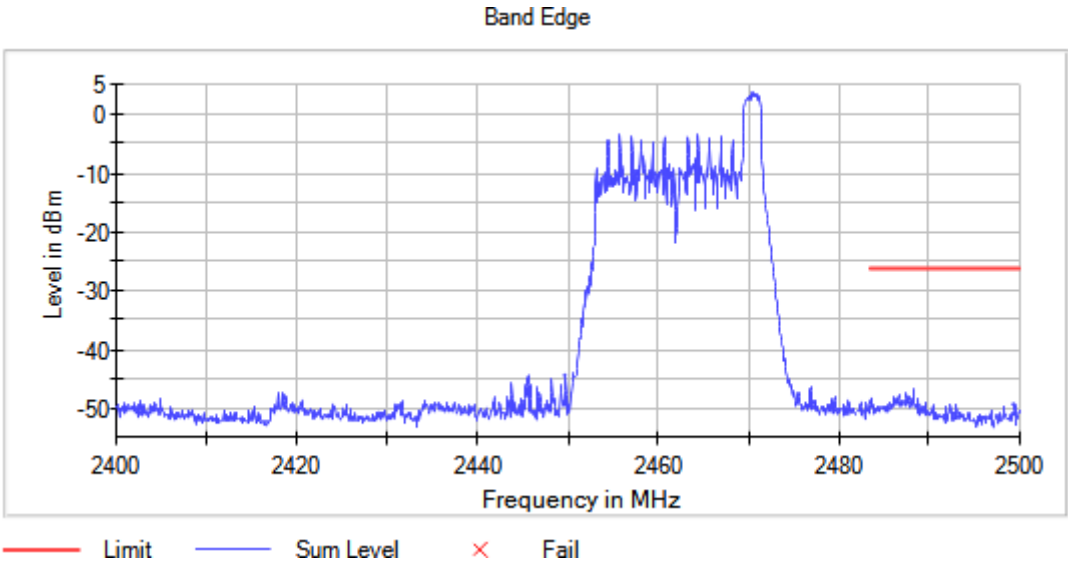
Active Port = 3

Modulation = 802.11ax HE20 (OFDMA MCS0)

Subcarrier Mode = RU

Resource Unit Tone/Index = 26/8

Images:



Tables:

Spectrum Analyzer Parameters 1

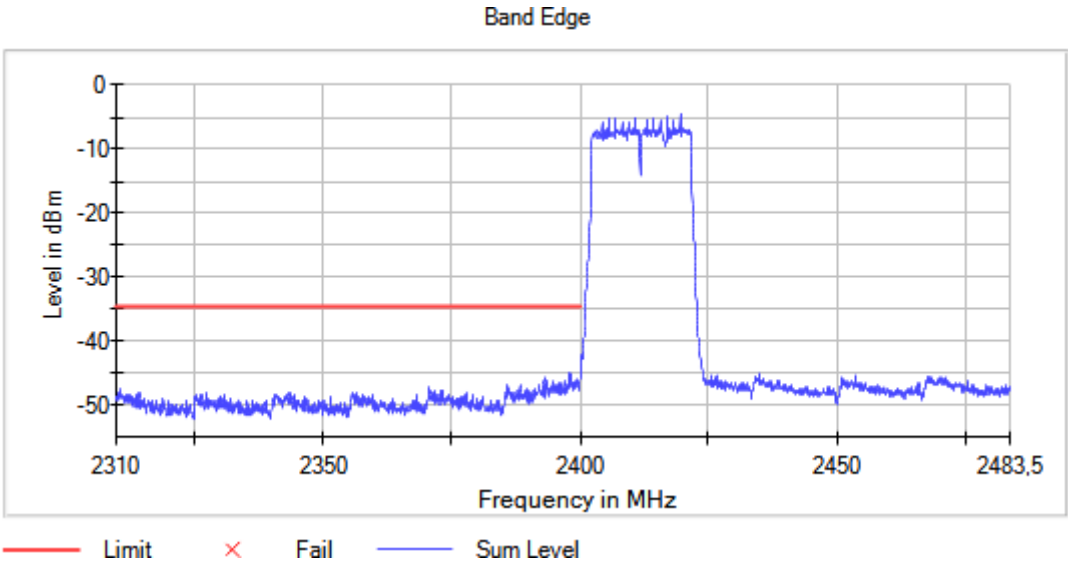
Setting	Instrument Value	Target Value
Start Frequency	2.31000 GHz	2.31000 GHz
Stop Frequency	2.40000 GHz	2.40000 GHz
Span	90.000 MHz	90.000 MHz
RBW	100.000 kHz	<= 100.000 kHz
VBW	300.000 kHz	>= 300.000 kHz
SweepPoints	1800	~ 1800
SweepTime	113.672 µs	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	4 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.00 dB	0.50 dB

Spectrum Analyzer Parameters 2

Setting	Instrument Value	Target Value
Start Frequency	2.40000 GHz	2.40000 GHz
Stop Frequency	2.48350 GHz	2.48350 GHz
Span	83.500 MHz	83.500 MHz
RBW	100.000 kHz	<= 100.000 kHz
VBW	300.000 kHz	>= 300.000 kHz
SweepPoints	1670	~ 1670
SweepTime	94.727 µs	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	31 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.05 dB	0.50 dB

Operation Band MHz = [2400, 2483.5] Equipment Type = Digital Transmission System (DTS)
Frequency MHz = 2412.00000 Active Port = 3+4
Modulation = 802.11ax HE20 (OFDMA MCS0) Subcarrier Mode = SU
Resource Unit Tone/Index = 242/61

Images:



Tables:

Spectrum Analyzer Parameters 1

Setting	Instrument Value	Target Value
Start Frequency	2.31000 GHz	2.31000 GHz
Stop Frequency	2.40000 GHz	2.40000 GHz
Span	90.000 MHz	90.000 MHz
RBW	100.000 kHz	<= 100.000 kHz
VBW	300.000 kHz	>= 300.000 kHz
SweepPoints	1800	~ 1800
SweepTime	113.672 µs	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	4 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.00 dB	0.50 dB

Spectrum Analyzer Parameters 2

Setting	Instrument Value	Target Value
Start Frequency	2.40000 GHz	2.40000 GHz
Stop Frequency	2.48350 GHz	2.48350 GHz
Span	83.500 MHz	83.500 MHz
RBW	100.000 kHz	<= 100.000 kHz
VBW	300.000 kHz	>= 300.000 kHz
SweepPoints	1670	~ 1670
SweepTime	94.727 µs	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	109 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.48 dB	0.50 dB

Operation Band MHz = [2400, 2483.5]

Equipment Type = Digital Transmission System (DTS)

Frequency MHz = 2412.00000

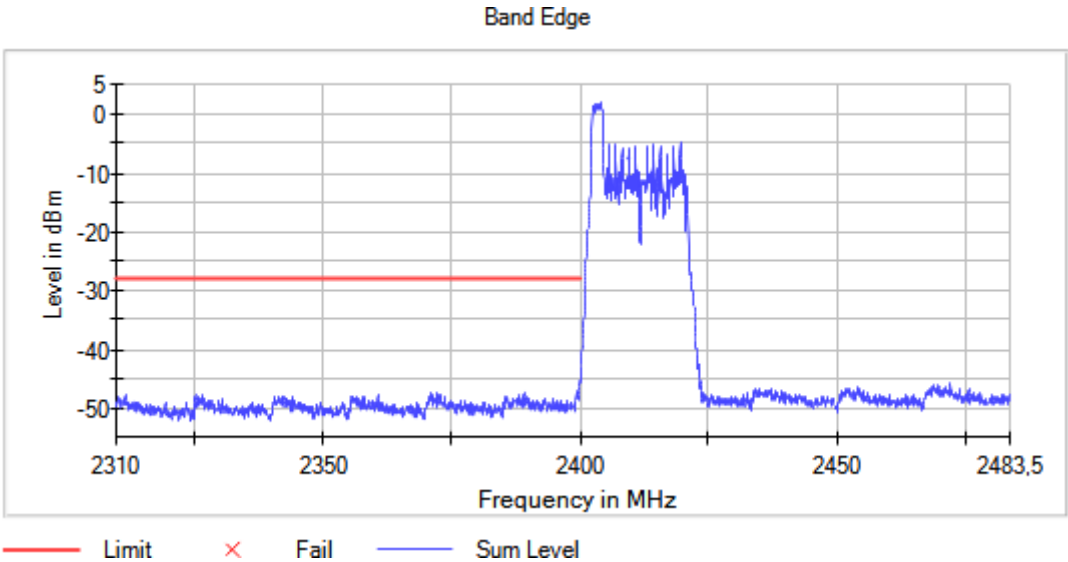
Active Port = 3+4

Modulation = 802.11ax HE20 (OFDMA MCS0)

Subcarrier Mode = RU

Resource Unit Tone/Index = 26/0

Images:



Tables:

Spectrum Analyzer Parameters 1

Setting	Instrument Value	Target Value
Start Frequency	2.31000 GHz	2.31000 GHz
Stop Frequency	2.40000 GHz	2.40000 GHz
Span	90.000 MHz	90.000 MHz
RBW	100.000 kHz	<= 100.000 kHz
VBW	300.000 kHz	>= 300.000 kHz
SweepPoints	1800	~ 1800
SweepTime	113.672 µs	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	4 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.00 dB	0.50 dB

Spectrum Analyzer Parameters 2

Setting	Instrument Value	Target Value
Start Frequency	2.40000 GHz	2.40000 GHz
Stop Frequency	2.48350 GHz	2.48350 GHz
Span	83.500 MHz	83.500 MHz
RBW	100.000 kHz	<= 100.000 kHz
VBW	300.000 kHz	>= 300.000 kHz
SweepPoints	1670	~ 1670
SweepTime	94.727 µs	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	15 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.46 dB	0.50 dB

Operation Band MHz = [2400, 2483.5]

Equipment Type = Digital Transmission System (DTS)

Frequency MHz = 2462.00000

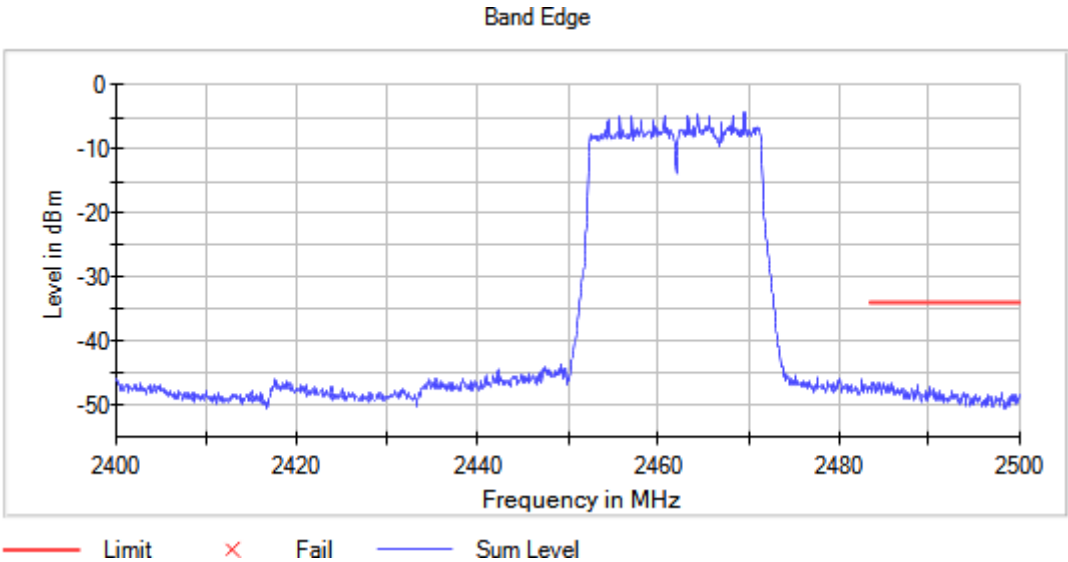
Active Port = 3+4

Modulation = 802.11ax HE20 (OFDMA MCS0)

Subcarrier Mode = SU

Resource Unit Tone/Index = 242/61

Images:



Tables:

Spectrum Analyzer Parameters 1

Setting	Instrument Value	Target Value
Start Frequency	2.31000 GHz	2.31000 GHz
Stop Frequency	2.40000 GHz	2.40000 GHz
Span	90.000 MHz	90.000 MHz
RBW	100.000 kHz	<= 100.000 kHz
VBW	300.000 kHz	>= 300.000 kHz
SweepPoints	1800	~ 1800
SweepTime	113.672 µs	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	4 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.00 dB	0.50 dB

Spectrum Analyzer Parameters 2

Setting	Instrument Value	Target Value
Start Frequency	2.40000 GHz	2.40000 GHz
Stop Frequency	2.48350 GHz	2.48350 GHz
Span	83.500 MHz	83.500 MHz
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VBW	300.000 kHz	>= 300.000 kHz
SweepPoints	1670	~ 1670
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Reference Level	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	109 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.48 dB	0.50 dB

Operation Band MHz = [2400, 2483.5]

Equipment Type = Digital Transmission System (DTS)

Frequency MHz = 2462.00000

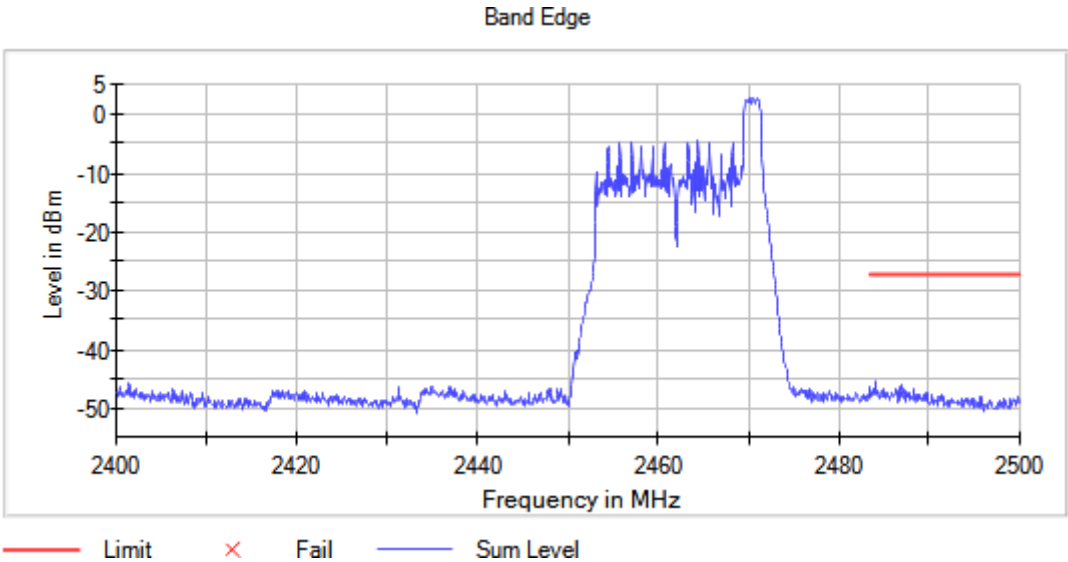
Active Port = 3+4

Modulation = 802.11ax HE20 (OFDMA MCS0)

Subcarrier Mode = RU

Resource Unit Tone/Index = 26/8

Images:



Tables:

Spectrum Analyzer Parameters 1

Setting	Instrument Value	Target Value
Start Frequency	2.31000 GHz	2.31000 GHz
Stop Frequency	2.40000 GHz	2.40000 GHz
Span	90.000 MHz	90.000 MHz
RBW	100.000 kHz	<= 100.000 kHz
VBW	300.000 kHz	>= 300.000 kHz
SweepPoints	1800	~ 1800
Sweeptime	113.672 µs	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	4 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.00 dB	0.50 dB

Spectrum Analyzer Parameters 2

Setting	Instrument Value	Target Value
Start Frequency	2.40000 GHz	2.40000 GHz
Stop Frequency	2.48350 GHz	2.48350 GHz
Span	83.500 MHz	83.500 MHz
RBW	100.000 kHz	<= 100.000 kHz
VBW	300.000 kHz	>= 300.000 kHz
SweepPoints	1670	~ 1670
Sweeptime	94.727 µs	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	15 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.46 dB	0.50 dB

RSS-247 5.5 / FCC 15.247 (d) [RSE] 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 ($\mu\text{V/m}$)	Field strength ($\text{dB}\mu\text{V/m}$)	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.

Modulation: 802.11b (DSSS 1 Mbit/s)

Results

No spurious frequencies detected at less than 20dB below the limit.

Verdict

Pass

Attachments

Frequency Range GHz = [0.03, 1]

Operation Band MHz = [2400, 2483.5]

Equipment Type = Digital Transmission System (DTS)

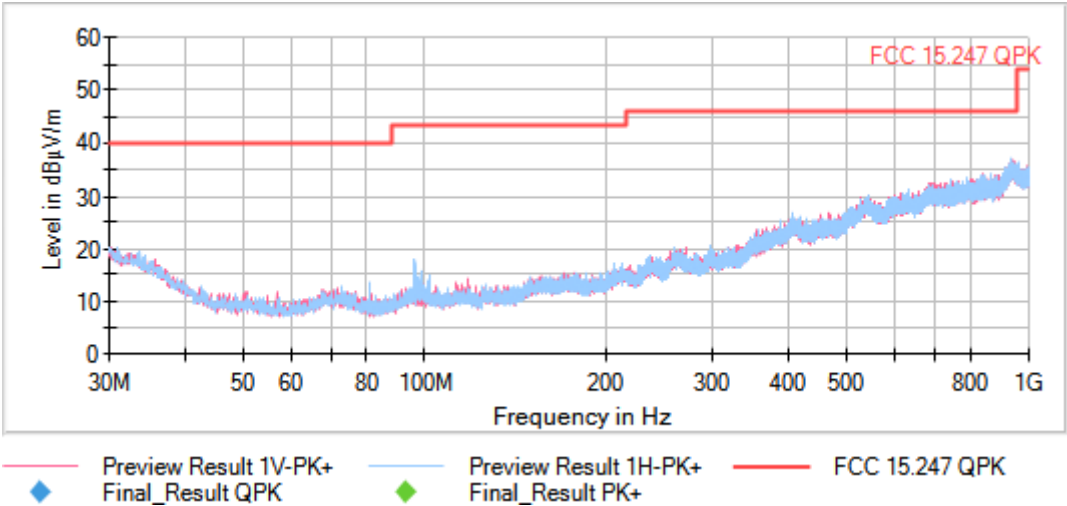
Frequency MHz = 2412.00000

Active Port = 3

Modulation = 802.11b (DSSS 1 Mbit/s)

Resource Unit Tone/Index = -

Images:



The spurious frequencies do not depend on modulation and channel operation.

Tables:

Spectrum Analyzer Parameters

	Subrange	Step Size	Detectors	Bandwidth	Sweep Time	Preamp
	Receiver: [ESW 44]					
	30 MHz - 1 GHz	48,5 kHz	PK+	100 kHz	1 s	20 dB

Frequency Range GHz = [1, 3]

Operation Band MHz = [2400, 2483.5]

Equipment Type = Digital Transmission System (DTS)

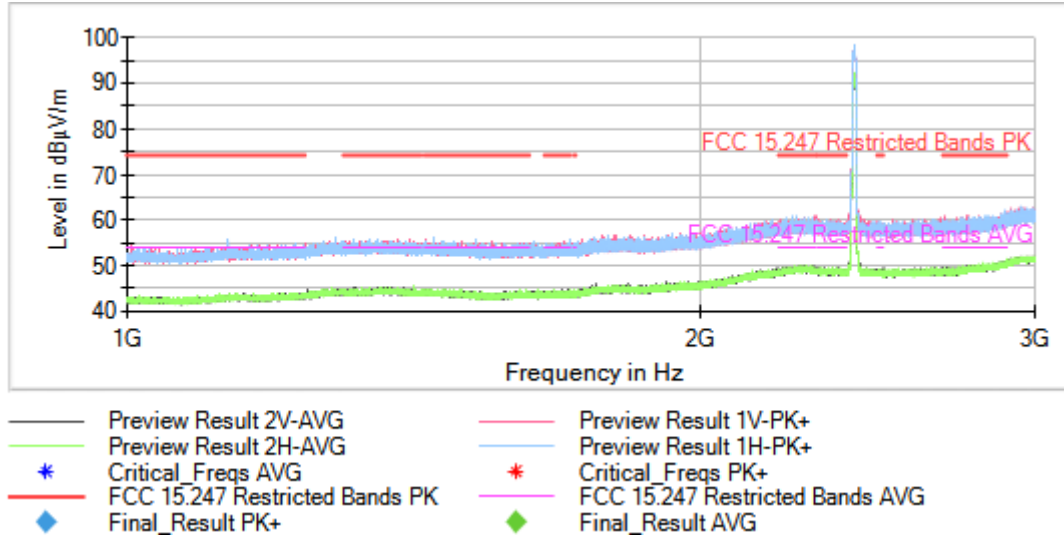
Frequency MHz = 2412.00000

Active Port = 3

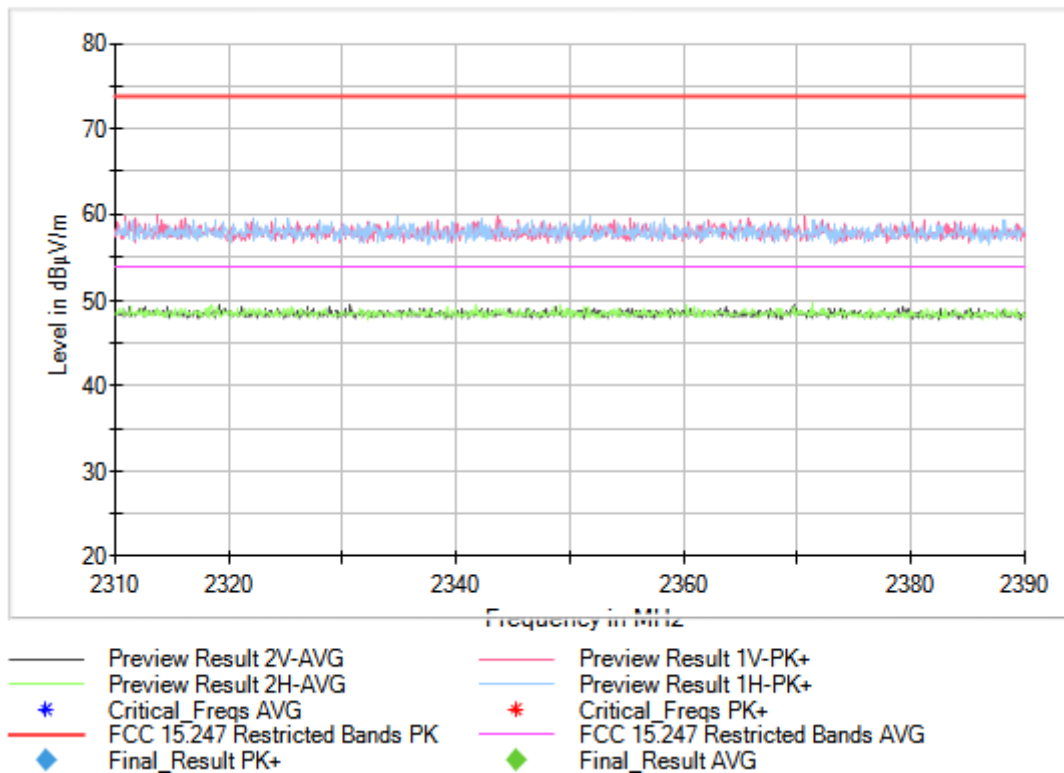
Modulation = 802.11b (DSSS 1 Mbit/s)

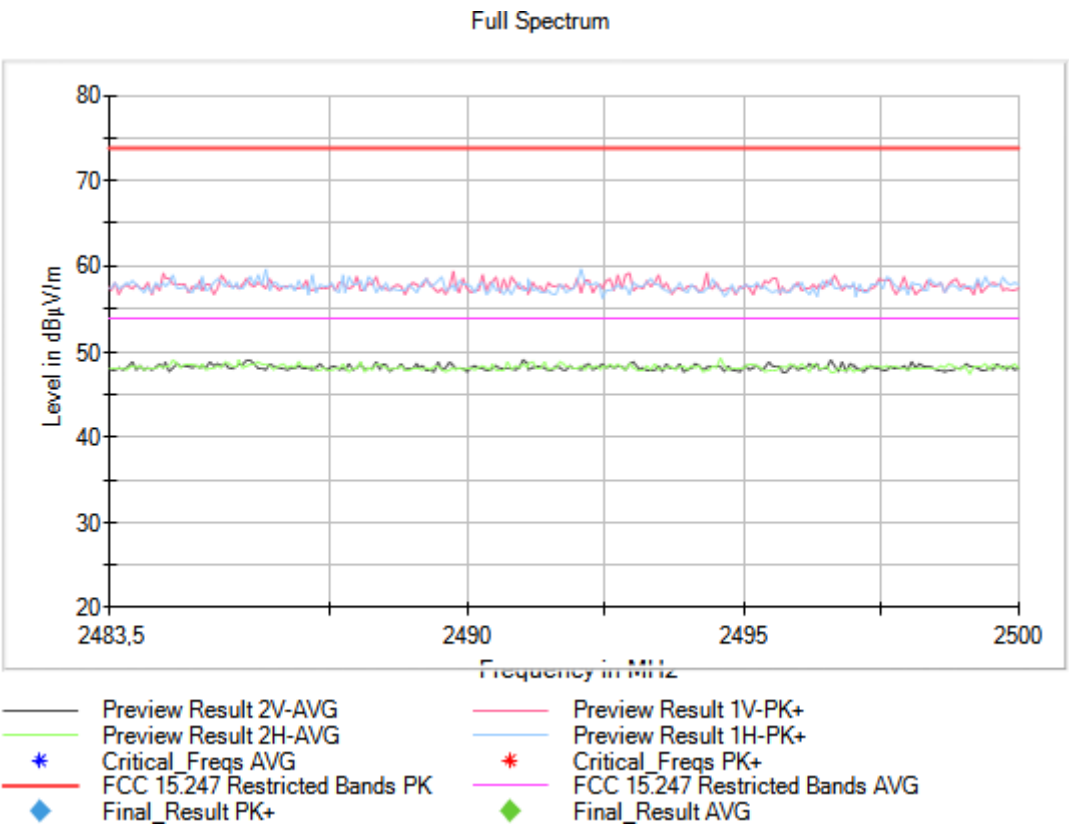
Resource Unit Tone/Index = -

Images:



Full Spectrum





Tables:
Spectrum Analyzer Parameters

	Subrange	Step Size	Detectors	Bandwidth	Sweep Time	Preamp
	Receiver: [ESW 44]					
	1 GHz - 3 GHz	66,667 kHz	PK+ ; AVG	1 MHz	1 s	0 dB

Frequency Range GHz = [1, 3]

Operation Band MHz = [2400, 2483.5]

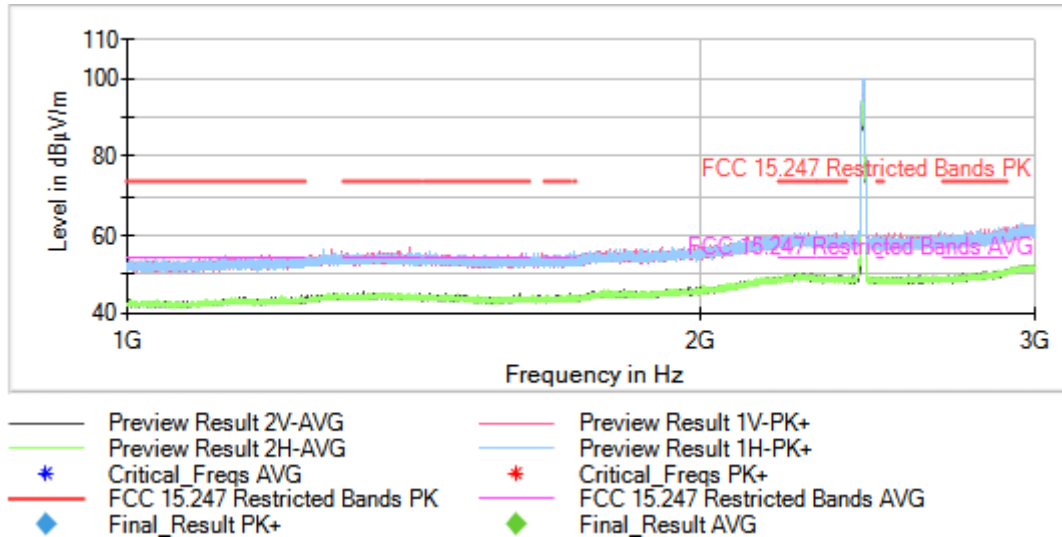
Equipment Type = Digital Transmission System (DTS) Frequency MHz = 2437.00000

Active Port = 3

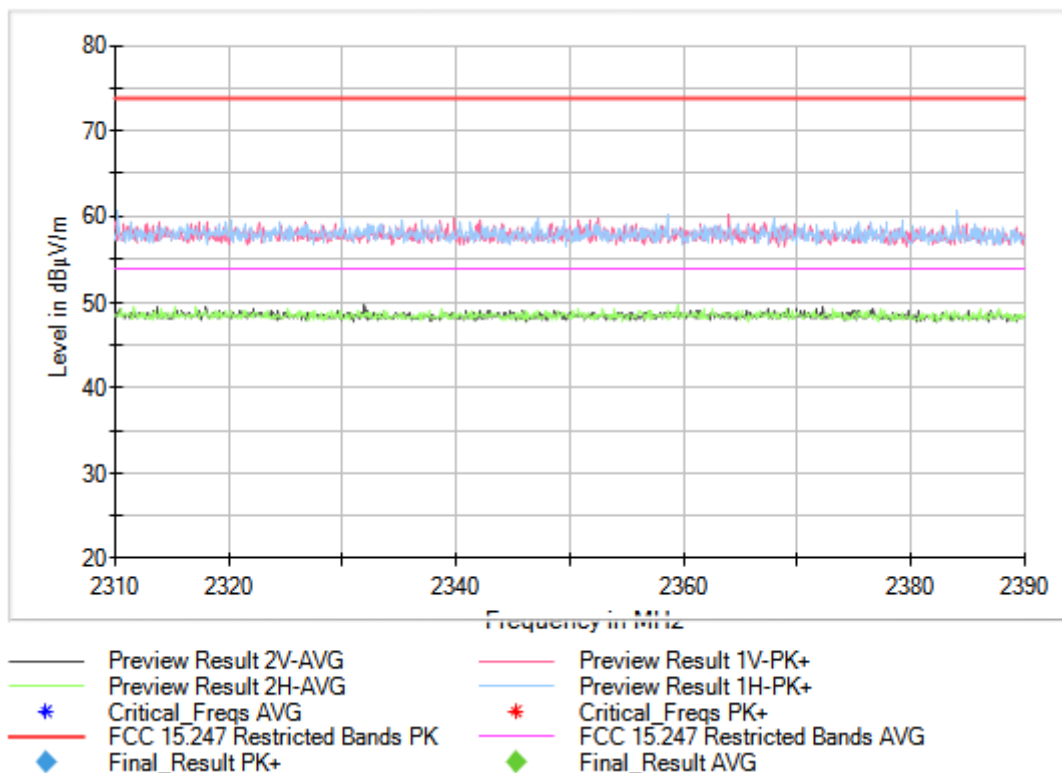
Modulation = 802.11b (DSSS 1 Mbit/s)

Resource Unit Tone/Index = -

Images:



Full Spectrum





Tables:
Spectrum Analyzer Parameters

	Subrange	Step Size	Detectors	Bandwidth	Sweep Time	Preamp
	Receiver: [ESW 44]					
	1 GHz - 3 GHz	66,667 kHz	PK+ ; AVG	1 MHz	1 s	0 dB

Frequency Range GHz = [1, 3]

Operation Band MHz = [2400, 2483.5]

Equipment Type = Digital Transmission System (DTS)

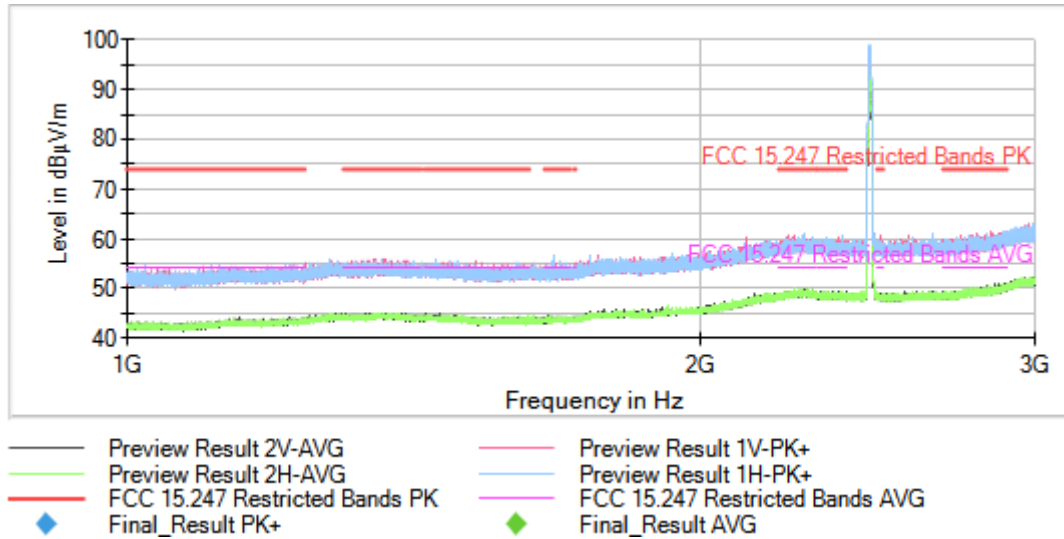
Frequency MHz = 2462.00000

Active Port = 3

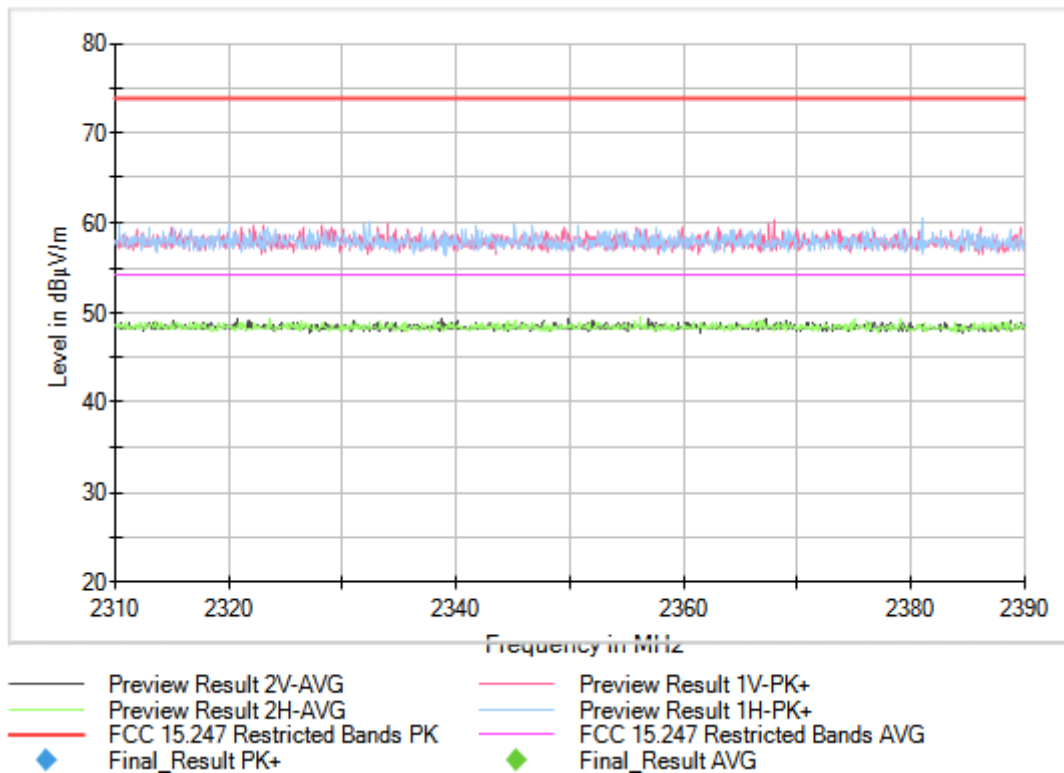
Modulation = 802.11b (DSSS 1 Mbit/s)

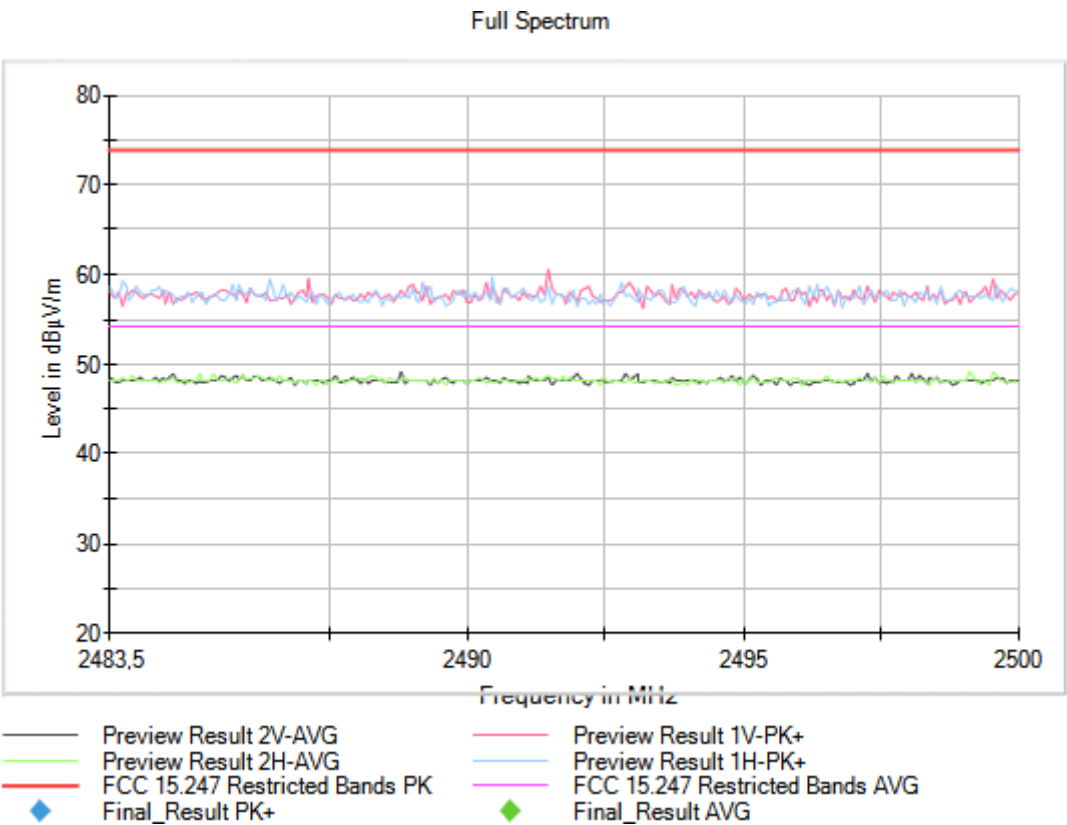
Resource Unit Tone/Index = -

Images:



Full Spectrum





Tables:
Spectrum Analyzer Parameters

	Subrange	Step Size	Detectors	Bandwidth	Sweep Time	Preamp
	Receiver: [ESW 44]					
	1 GHz - 3 GHz	66,667 kHz	PK+ ; AVG	1 MHz	1 s	0 dB

Frequency Range GHz = [3, 17]

Equipment Type = Digital Transmission System (DTS)

Active Port = 3

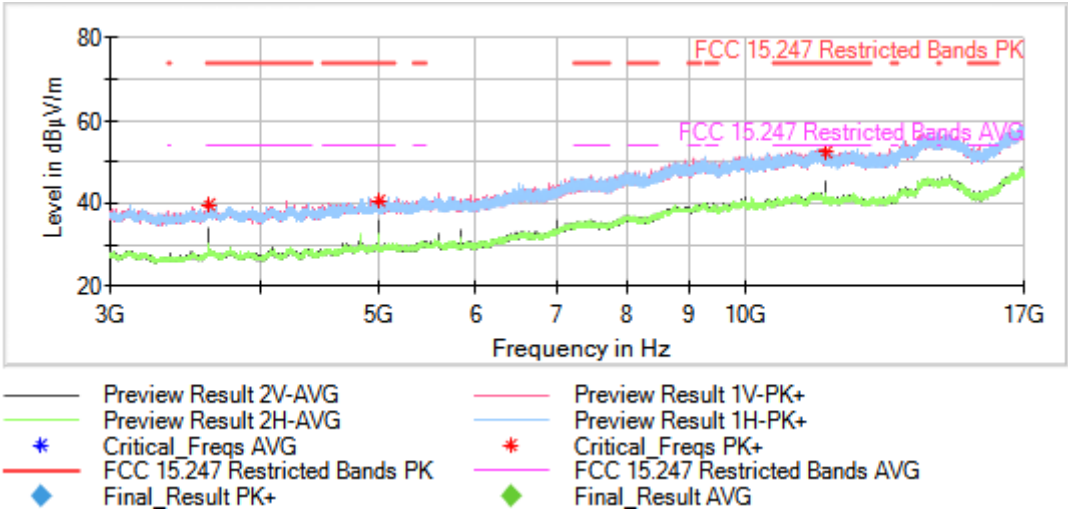
Resource Unit Tone/Index = -

Operation Band MHz = [2400, 2483.5]

Frequency MHz = 2412.00000

Modulation = 802.11b (DSSS 1 Mbit/s)

Images:



Tables:

Spectrum Analyzer Parameters

	Subrange	Step Size	Detectors	Bandwidth	Sweep Time	Preamp
	Receiver: [ESW 44]					
	3 GHz - 17 GHz	500 kHz	PK+ ; AVG	1 MHz	1 s	0 dB

Frequency Range GHz = [3, 17]

Equipment Type = Digital Transmission System (DTS)

Active Port = 3

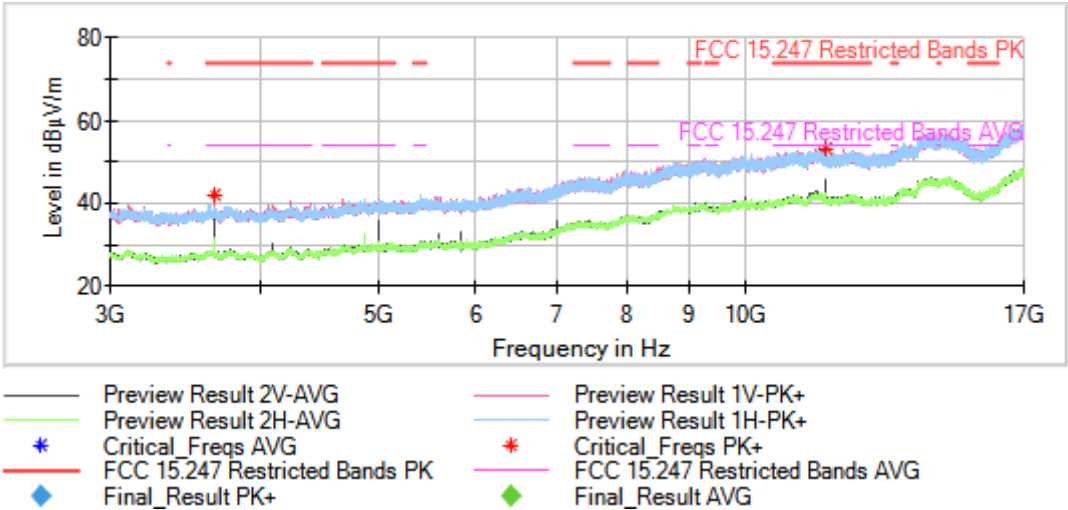
Resource Unit Tone/Index = -

Operation Band MHz = [2400, 2483.5]

Frequency MHz = 2437.00000

Modulation = 802.11b (DSSS 1 Mbit/s)

Images:



Tables:

Spectrum Analyzer Parameters

	Subrange	Step Size	Detectors	Bandwidth	Sweep Time	Preamp
	Receiver: [ESW 44]					
	3 GHz - 17 GHz	500 kHz	PK+ ; AVG	1 MHz	1 s	0 dB

Frequency Range GHz = [3, 17]

Equipment Type = Digital Transmission System (DTS)

Active Port = 3

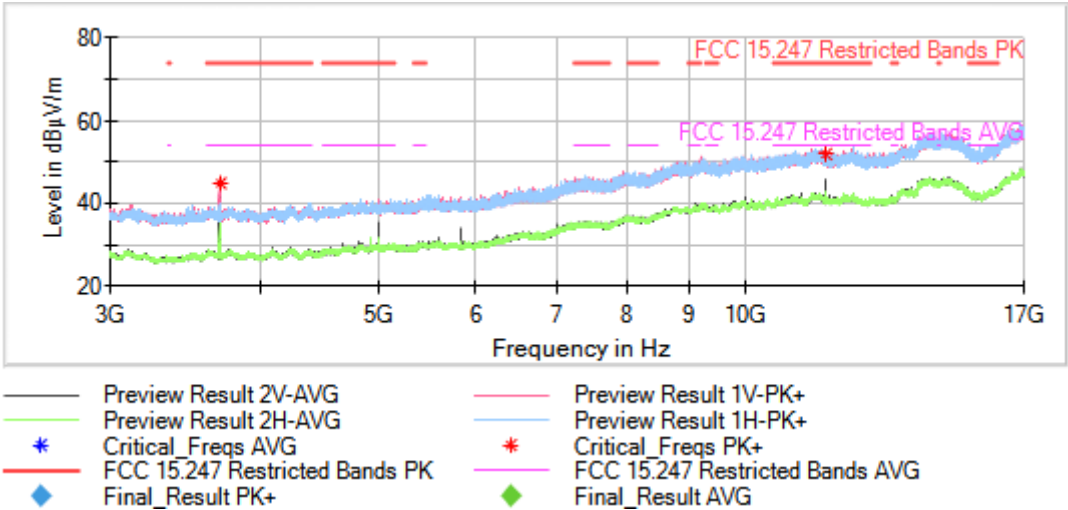
Resource Unit Tone/Index = -

Operation Band MHz = [2400, 2483.5]

Frequency MHz = 2462.00000

Modulation = 802.11b (DSSS 1 Mbit/s)

Images:



Tables:

Spectrum Analyzer Parameters

	Subrange	Step Size	Detectors	Bandwidth	Sweep Time	Preamp
	Receiver: [ESW 44]					
	3 GHz - 17 GHz	500 kHz	PK+ ; AVG	1 MHz	1 s	0 dB

Frequency Range GHz = [17, 26]

Operation Band MHz = [2400, 2483.5]

Equipment Type = Digital Transmission System (DTS)

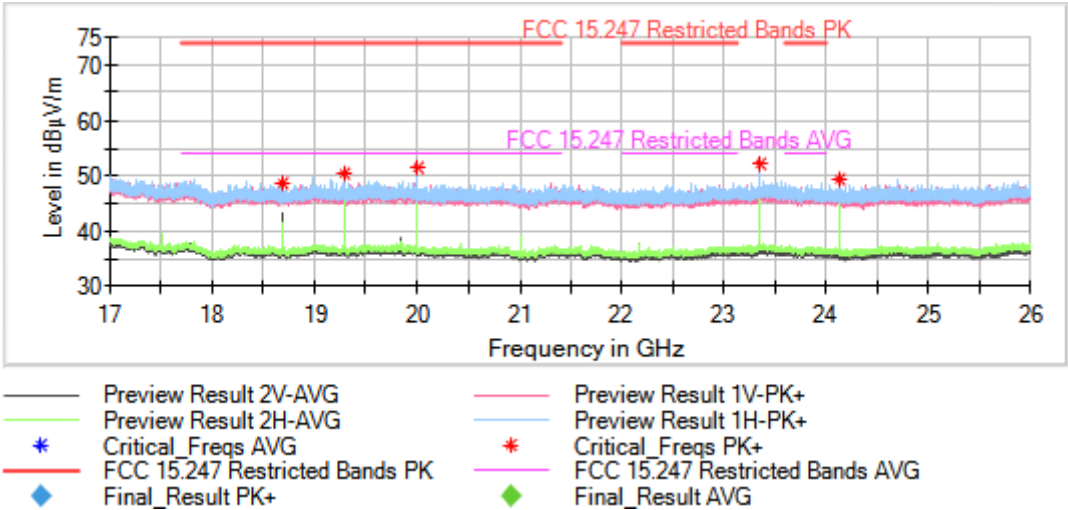
Frequency MHz = 2412.00000

Active Port = 3

Modulation = 802.11b (DSSS 1 Mbit/s)

Resource Unit Tone/Index = -

Images:



Tables:

Spectrum Analyzer Parameters

	Subrange	Step Size	Detectors	Bandwidth	Sweep Time	Preamp
	Receiver: [ESW 44]					
	17 GHz - 26 GHz	500 kHz	PK+ ; AVG	1 MHz	1 s	0 dB

Frequency Range GHz = [17, 26]

Operation Band MHz = [2400, 2483.5]

Equipment Type = Digital Transmission System (DTS)

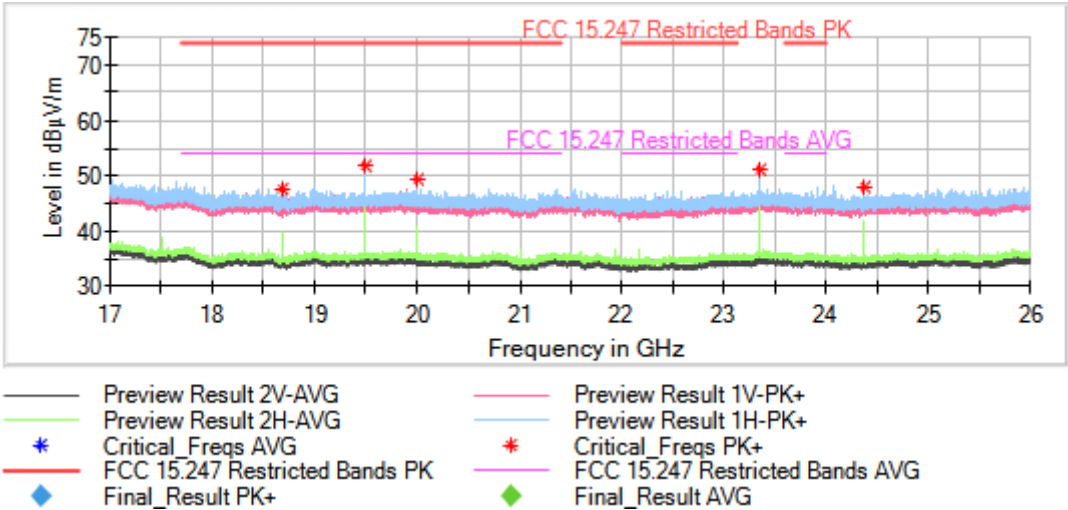
Frequency MHz = 2437.00000

Active Port = 3

Modulation = 802.11b (DSSS 1 Mbit/s)

Resource Unit Tone/Index = -

Images:



Tables:

Spectrum Analyzer Parameters

	Subrange	Step Size	Detectors	Bandwidth	Sweep Time	Preamp
	Receiver: [ESW 44]					
	17 GHz - 26 GHz	500 kHz	PK+ ; AVG	1 MHz	1 s	0 dB

Frequency Range GHz = [17, 26]

Operation Band MHz = [2400, 2483.5]

Equipment Type = Digital Transmission System (DTS)

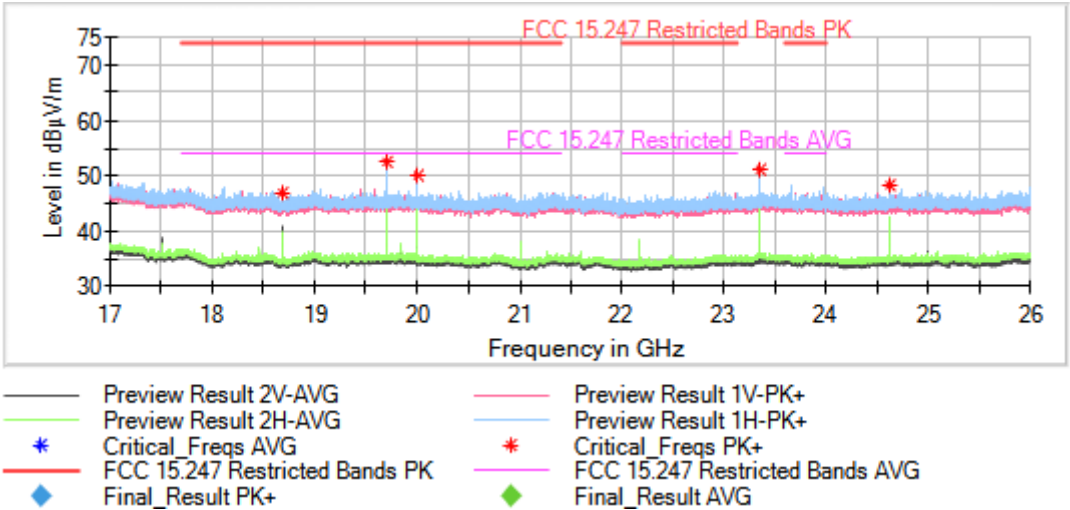
Frequency MHz = 2462.00000

Active Port = 3

Modulation = 802.11b (DSSS 1 Mbit/s)

Resource Unit Tone/Index = -

Images:



Tables:

Spectrum Analyzer Parameters

	Subrange	Step Size	Detectors	Bandwidth	Sweep Time	Preamp
	Receiver: [ESW 44]					
	17 GHz - 26 GHz	500 kHz	PK+ ; AVG	1 MHz	1 s	0 dB

Modulation: 802.11g (OFDM 6 Mbit/s)

Results

No spurious frequencies detected at less than 20dB below the limit.

Verdict

Pass

Attachments

Frequency Range GHz = [1, 3]

Operation Band MHz = [2400, 2483.5]

Equipment Type = Digital Transmission System (DTS)

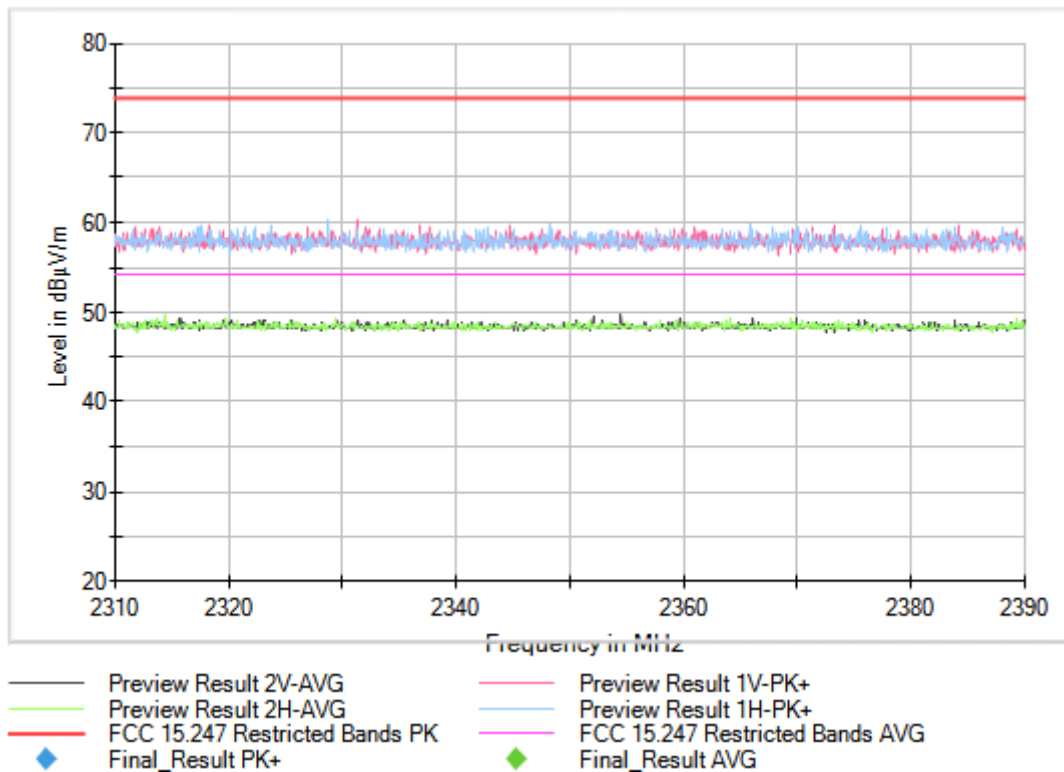
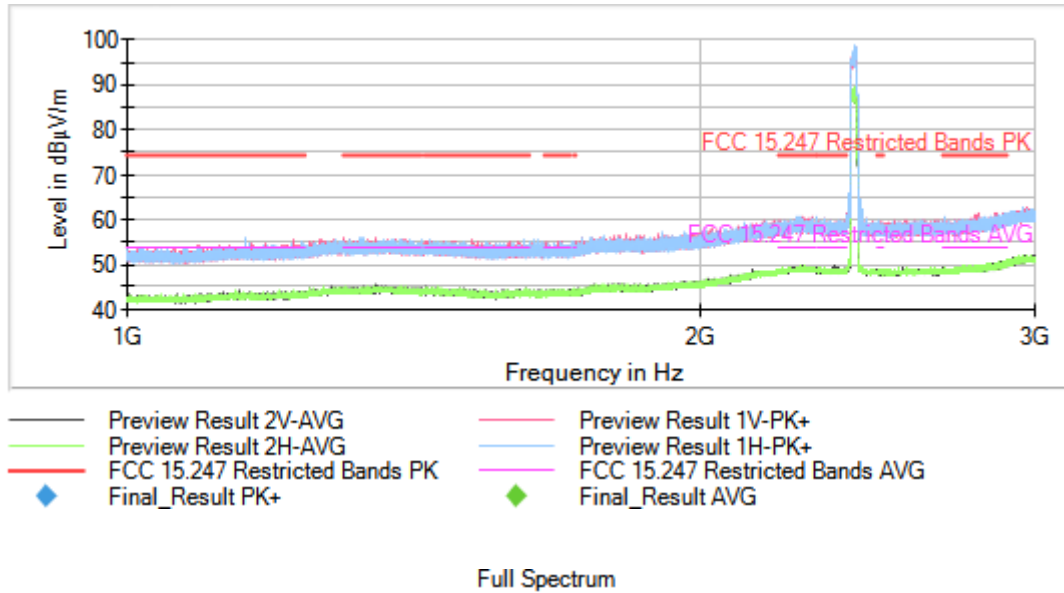
Frequency MHz = 2412.00000

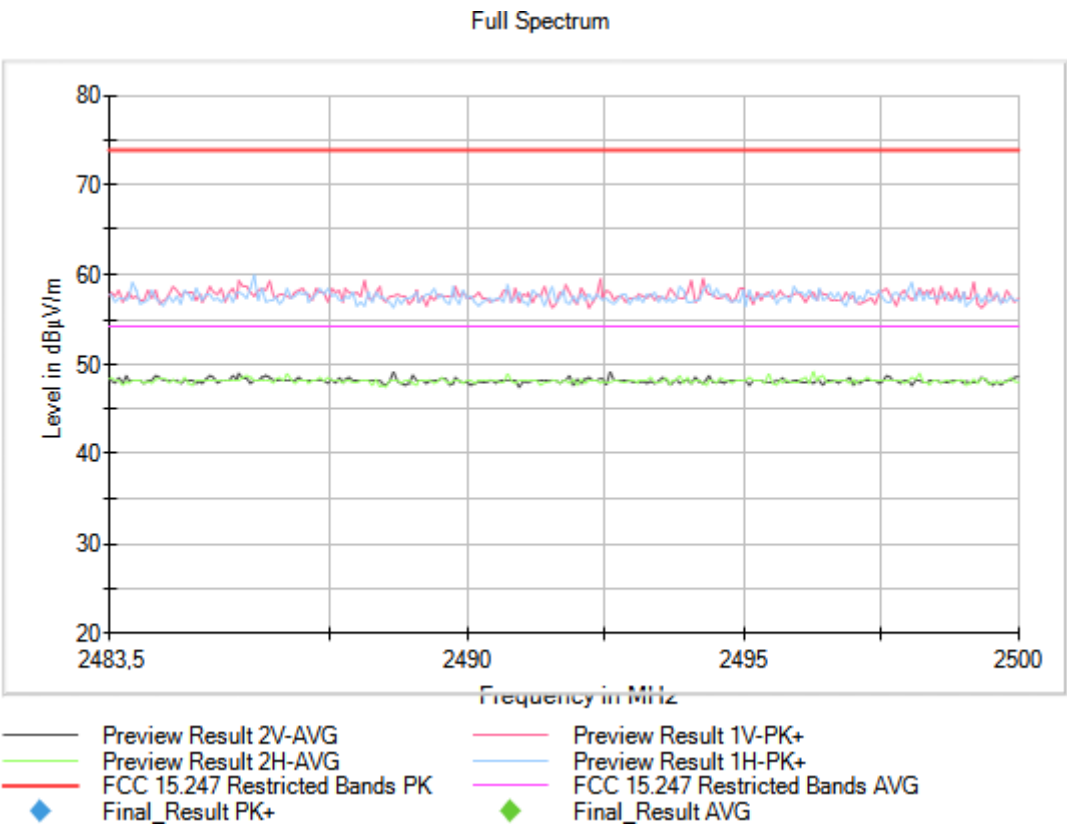
Active Port = 3

Modulation = 802.11g (OFDM 6 Mbit/s)

Resource Unit Tone/Index = -

Images:



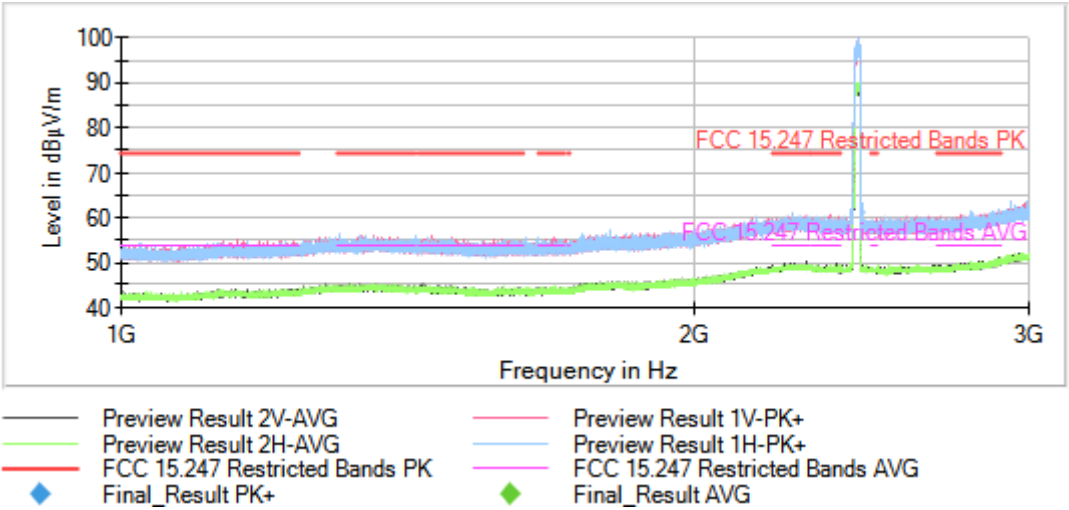


Tables:
Spectrum Analyzer Parameters

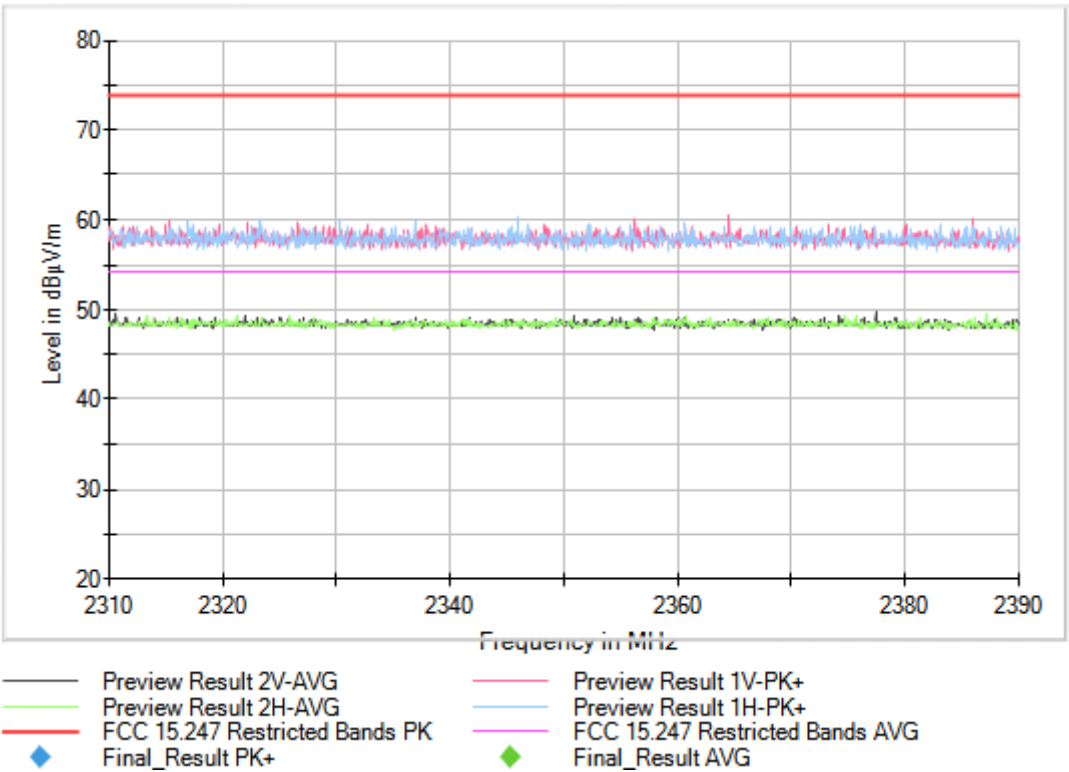
	Subrange	Step Size	Detectors	Bandwidth	Sweep Time	Preamp
	Receiver: [ESW 44]					
	1 GHz - 3 GHz	66,667 kHz	PK+ ; AVG	1 MHz	1 s	0 dB

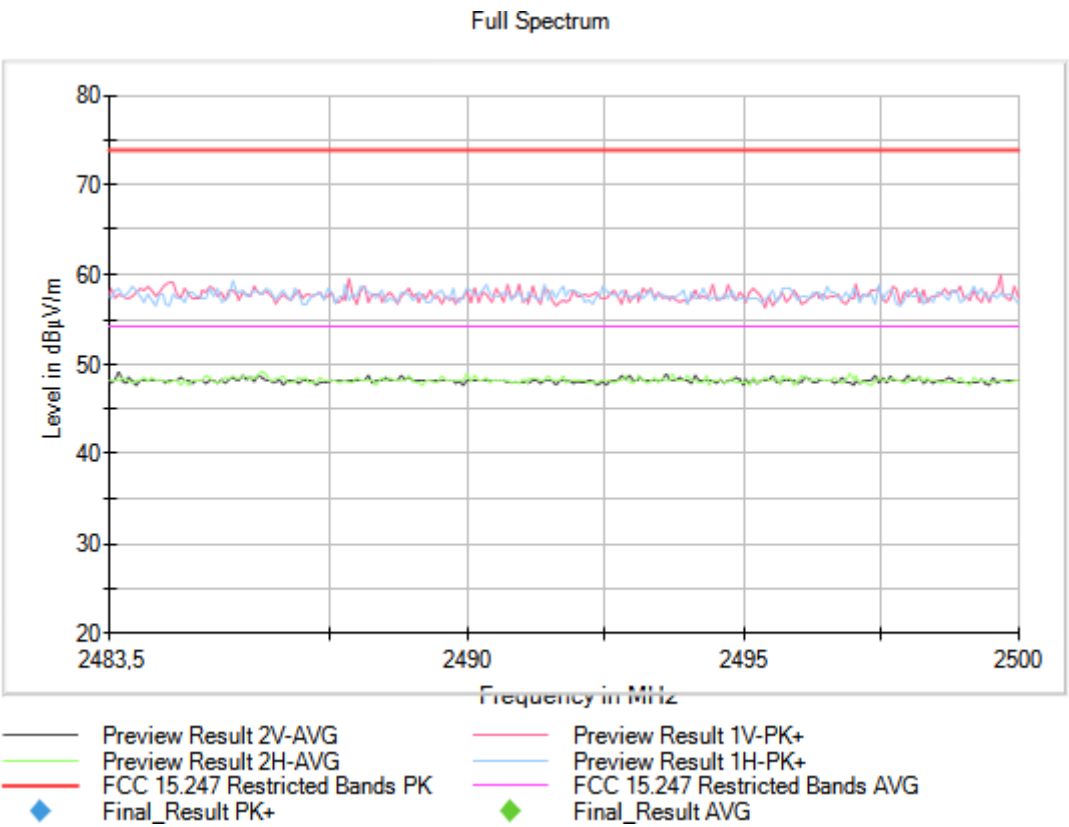
Frequency Range GHz = [1, 3]
Equipment Type = Digital Transmission System (DTS)
Active Port = 3
Resource Unit Tone/Index = -
Operation Band MHz = [2400, 2483.5]
Frequency MHz = 2437.00000
Modulation = 802.11g (OFDM 6 Mbit/s)

Images:



Full Spectrum





Tables:
Spectrum Analyzer Parameters

	Subrange	Step Size	Detectors	Bandwidth	Sweep Time	Preamp
	Receiver: [ESW 44]					
	1 GHz - 3 GHz	66,667 kHz	PK+ ; AVG	1 MHz	1 s	0 dB

Frequency Range GHz = [1, 3]

Operation Band MHz = [2400, 2483.5]

Equipment Type = Digital Transmission System (DTS)

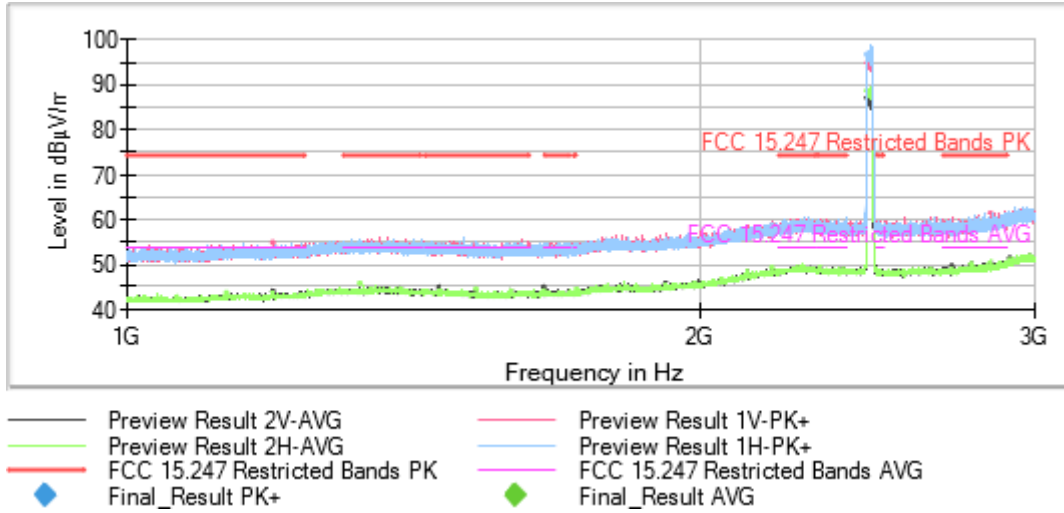
Frequency MHz = 2462.00000

Active Port = 3

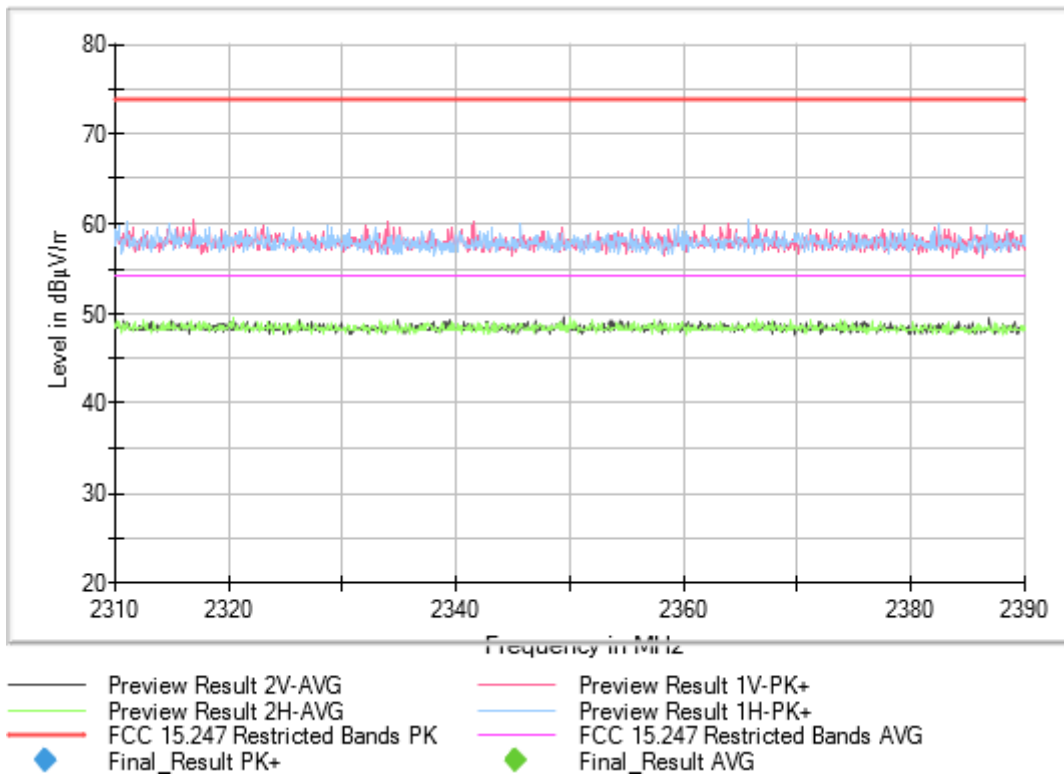
Modulation = 802.11g (OFDM 6 Mbit/s)

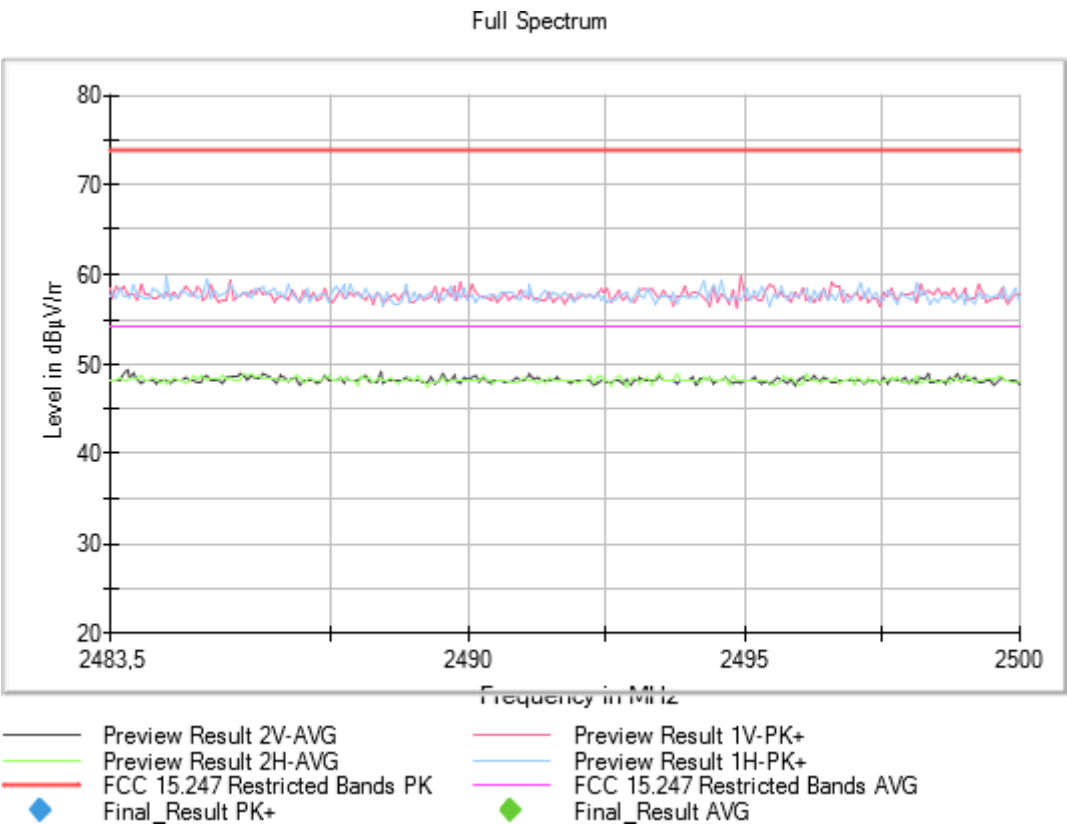
Resource Unit Tone/Index = -

Images:



Full Spectrum





Tables:
Spectrum Analyzer Parameters

	Subrange	Step Size	Detectors	Bandwidth	Sweep Time	Preamp
	Receiver: [ESW 44]					
	1 GHz - 3 GHz	66,667 kHz	PK+ ; AVG	1 MHz	1 s	0 dB

Frequency Range GHz = [3, 17]

Equipment Type = Digital Transmission System (DTS)

Active Port = 3

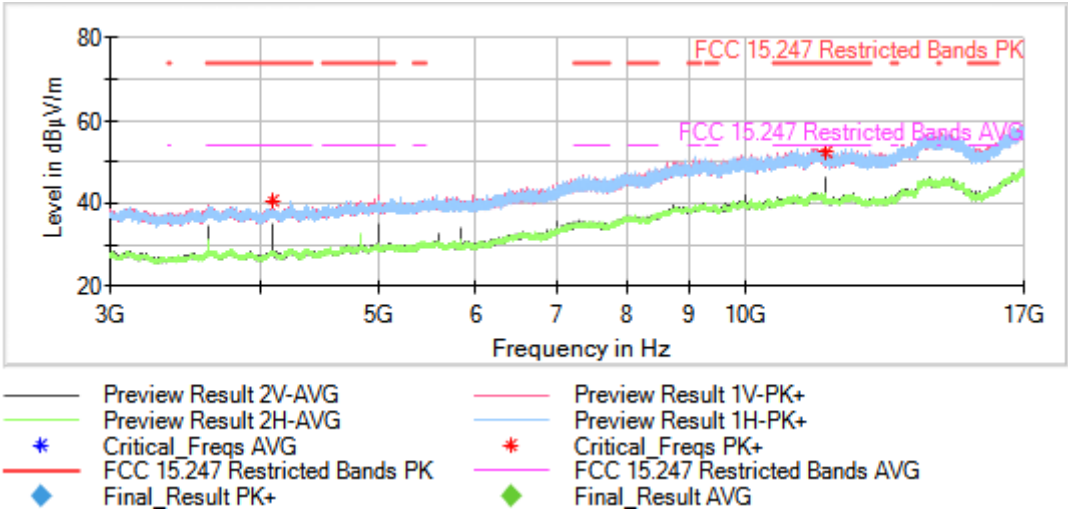
Resource Unit Tone/Index = -

Operation Band MHz = [2400, 2483.5]

Frequency MHz = 2412.00000

Modulation = 802.11g (OFDM 6 Mbit/s)

Images:



Tables:

Spectrum Analyzer Parameters

	Subrange	Step Size	Detectors	Bandwidth	Sweep Time	Preamp
	Receiver: [ESW 44]					
	3 GHz - 17 GHz	500 kHz	PK+ ; AVG	1 MHz	1 s	0 dB

Frequency Range GHz = [3, 17]

Equipment Type = Digital Transmission System (DTS)

Active Port = 3

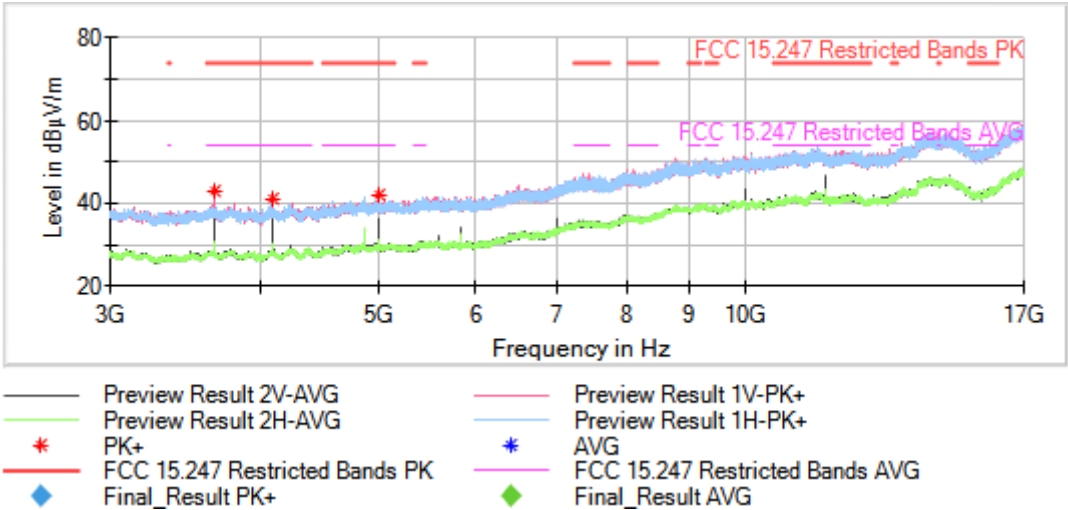
Resource Unit Tone/Index = -

Operation Band MHz = [2400, 2483.5]

Frequency MHz = 2437.00000

Modulation = 802.11g (OFDM 6 Mbit/s)

Images:



Tables:

Spectrum Analyzer Parameters

	Subrange	Step Size	Detectors	Bandwidth	Sweep Time	Preamp
	Receiver: [ESW 44]					
	3 GHz - 17 GHz	500 kHz	PK+ ; AVG	1 MHz	1 s	0 dB

Frequency Range GHz = [3, 17]

Equipment Type = Digital Transmission System (DTS)

Active Port = 3

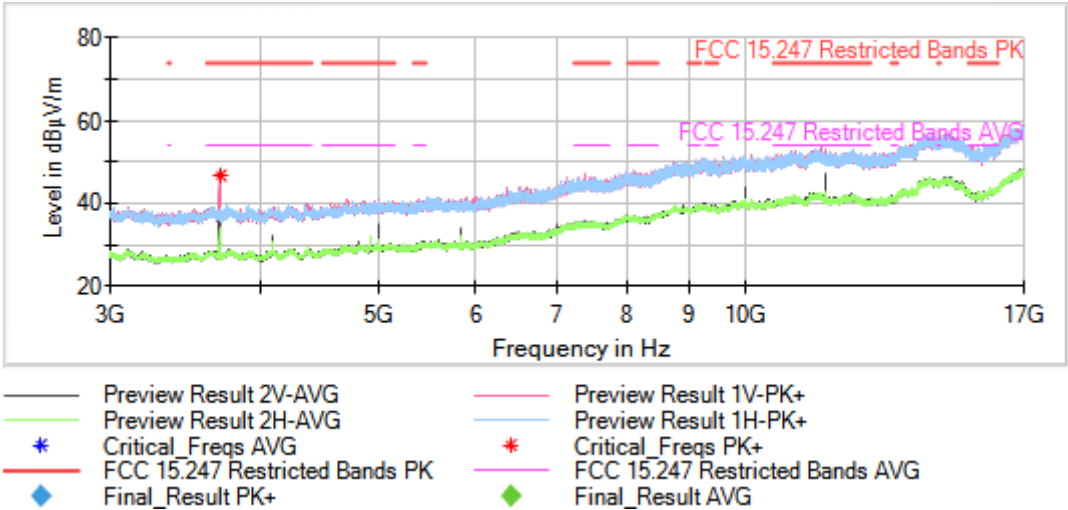
Resource Unit Tone/Index = -

Operation Band MHz = [2400, 2483.5]

Frequency MHz = 2462.00000

Modulation = 802.11g (OFDM 6 Mbit/s)

Images:



Tables:

Spectrum Analyzer Parameters

	Subrange	Step Size	Detectors	Bandwidth	Sweep Time	Preamp
	Receiver: [ESW 44]					
	3 GHz - 17 GHz	500 kHz	PK+ ; AVG	1 MHz	1 s	0 dB

Modulation: 802.11n HT20 (OFDM MCS0)

Results

No spurious frequencies detected at less than 20dB below the limit.

Verdict

Pass

Attachments

Frequency Range GHz = [1, 3]

Operation Band MHz = [2400, 2483.5]

Equipment Type = Digital Transmission System (DTS)

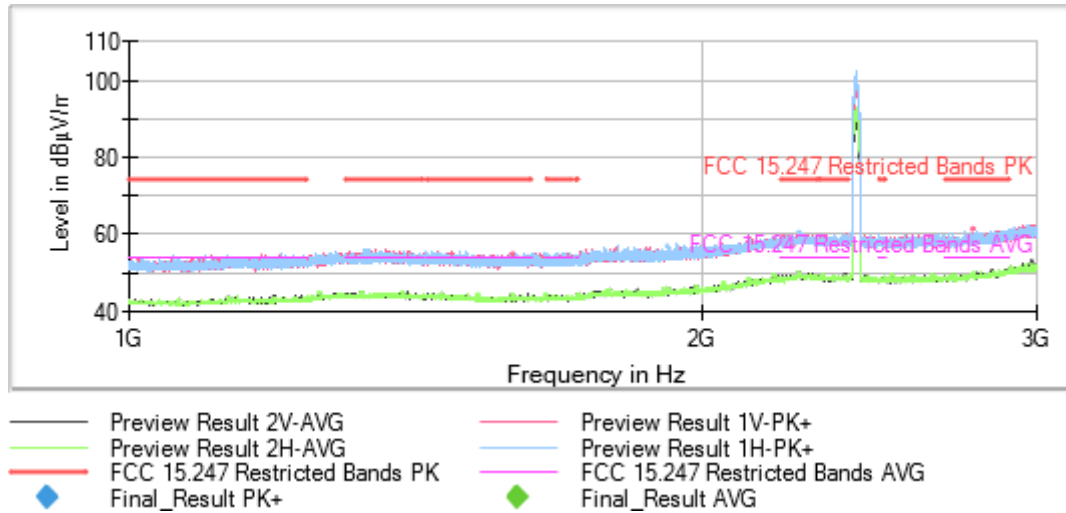
Frequency MHz = 2412.00000

Active Port = 3

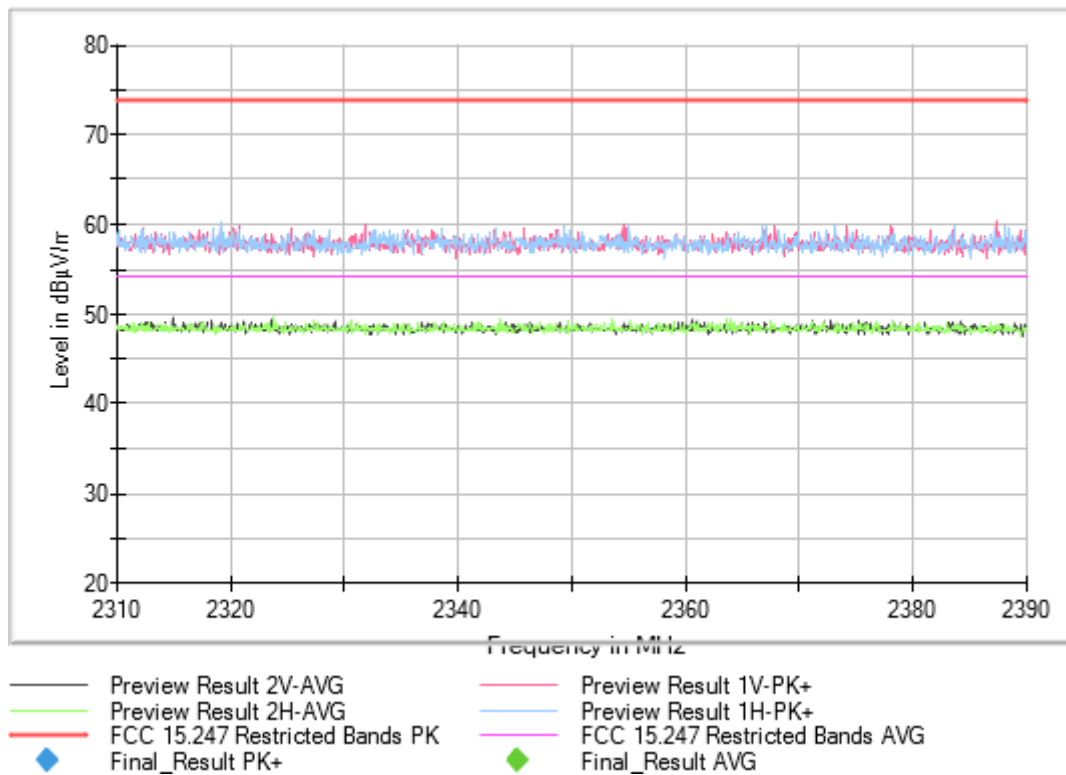
Modulation = 802.11n HT20 (OFDM MCS0)

Resource Unit Tone/Index = -

Images:



Full Spectrum





Tables:
Spectrum Analyzer Parameters

	Subrange	Step Size	Detectors	Bandwidth	Sweep Time	Preamp
	Receiver: [ESW 44]					
	1 GHz - 3 GHz	66,667 kHz	PK+ ; AVG	1 MHz	1 s	0 dB

Frequency Range GHz = [1, 3]

Operation Band MHz = [2400, 2483.5]

Equipment Type = Digital Transmission System (DTS)

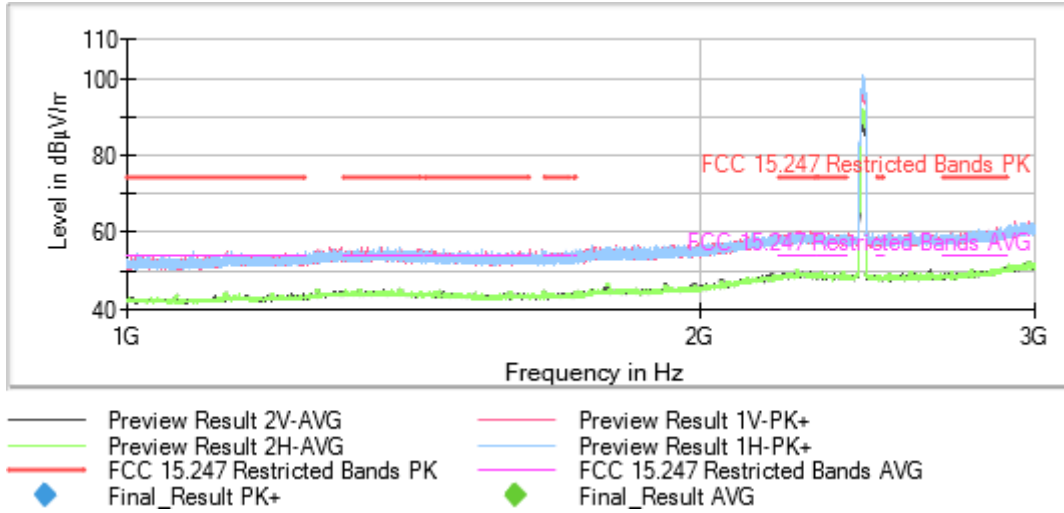
Frequency MHz = 2437.00000

Active Port = 3

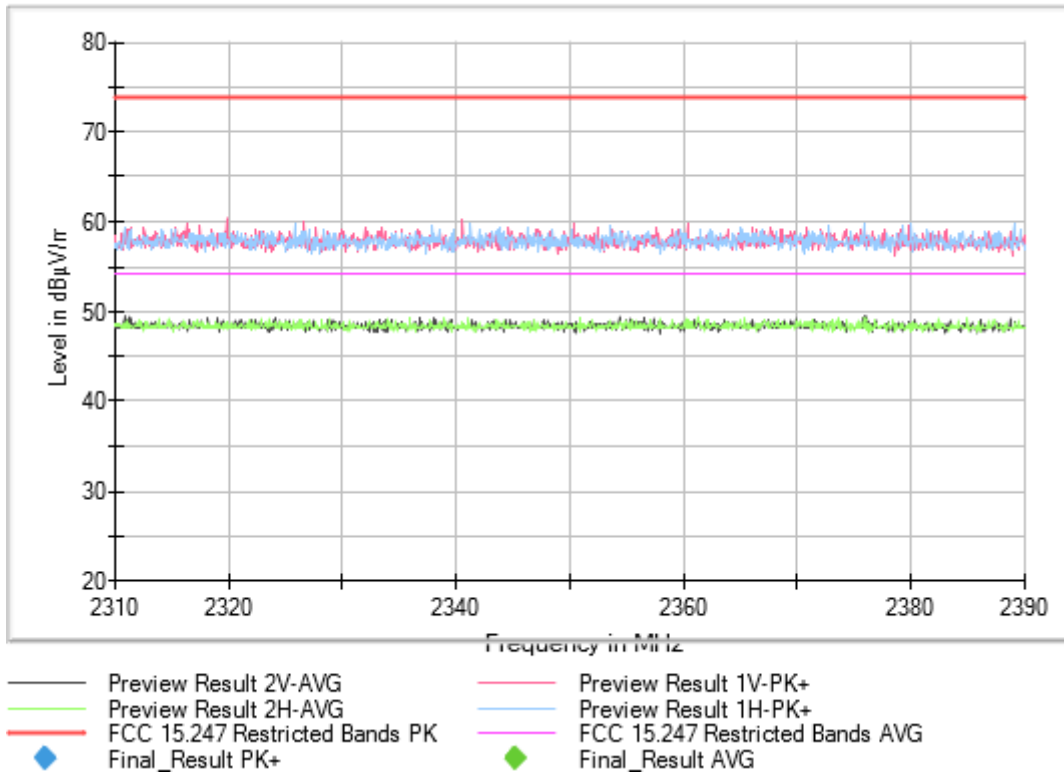
Modulation = 802.11n HT20 (OFDM MCS0)

Resource Unit Tone/Index = -

Images:



Full Spectrum





Tables:
Spectrum Analyzer Parameters

	Subrange	Step Size	Detectors	Bandwidth	Sweep Time	Preamp
	Receiver: [ESW 44]					
	1 GHz - 3 GHz	66,667 kHz	PK+ ; AVG	1 MHz	1 s	0 dB

Frequency Range GHz = [1, 3]

Operation Band MHz = [2400, 2483.5]

Equipment Type = Digital Transmission System (DTS)

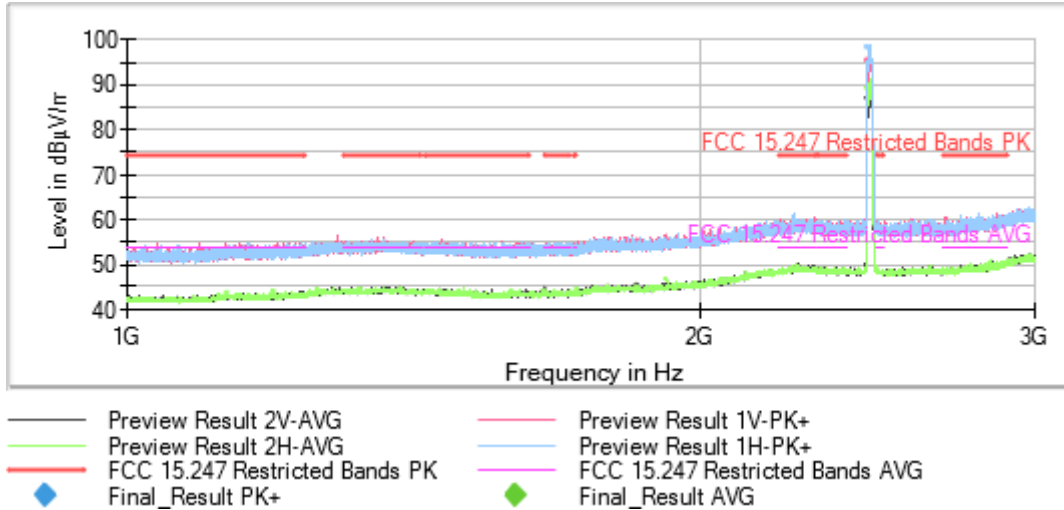
Frequency MHz = 2462.00000

Active Port = 3

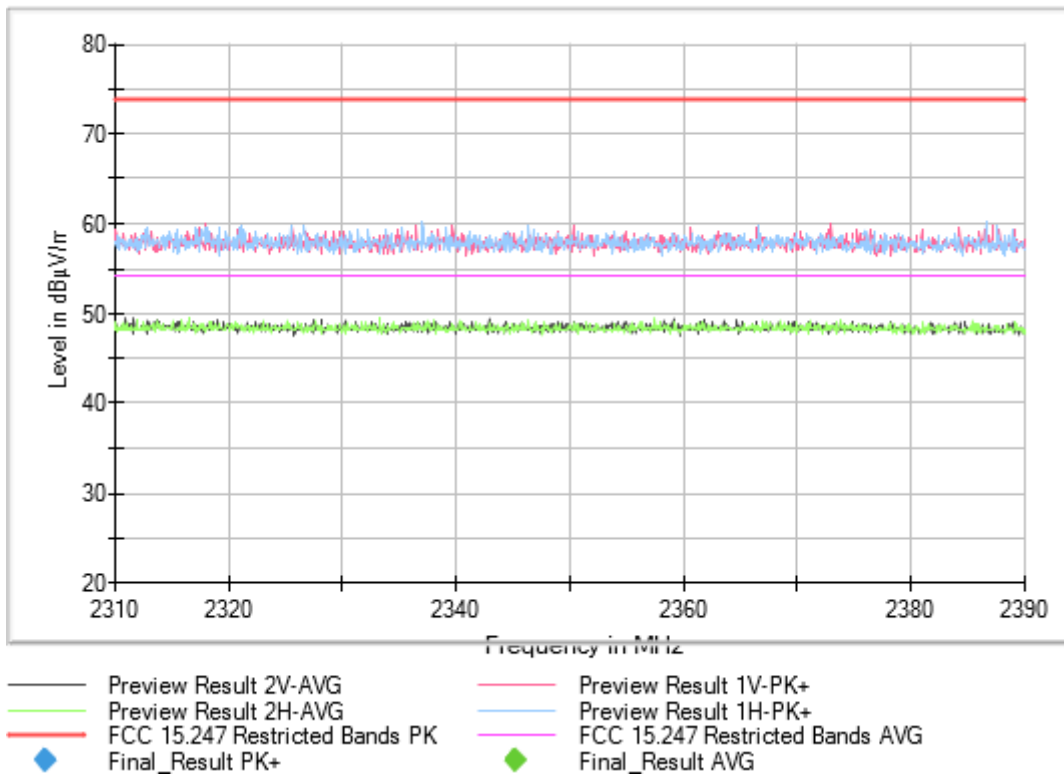
Modulation = 802.11n HT20 (OFDM MCS0)

Resource Unit Tone/Index = -

Images:



Full Spectrum





Tables:
Spectrum Analyzer Parameters

	Subrange	Step Size	Detectors	Bandwidth	Sweep Time	Preamp
	Receiver: [ESW 44]					
	1 GHz - 3 GHz	66,667 kHz	PK+ ; AVG	1 MHz	1 s	0 dB

Frequency Range GHz = [3, 17]

Equipment Type = Digital Transmission System (DTS)

Active Port = 3

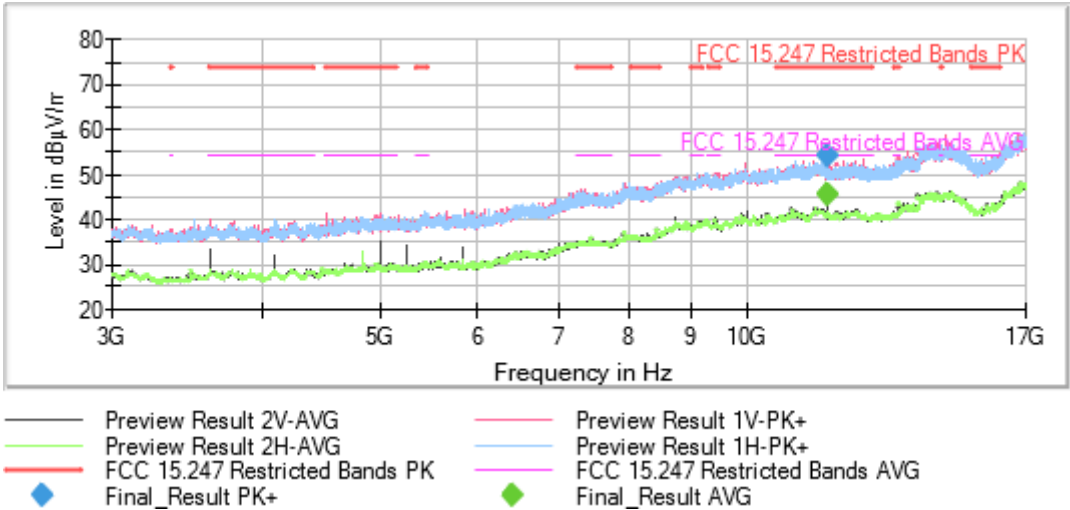
Resource Unit Tone/Index = -

Operation Band MHz = [2400, 2483.5]

Frequency MHz = 2412.00000

Modulation = 802.11n HT20 (OFDM MCS0)

Images:



Tables:

Spectrum Analyzer Parameters

	Subrange	Step Size	Detectors	Bandwidth	Sweep Time	Preamp
	Receiver: [ESW 44]					
	3 GHz - 17 GHz	500 kHz	PK+ ; AVG	1 MHz	1 s	0 dB

Frequency Range GHz = [3, 17]

Equipment Type = Digital Transmission System (DTS)

Active Port = 3

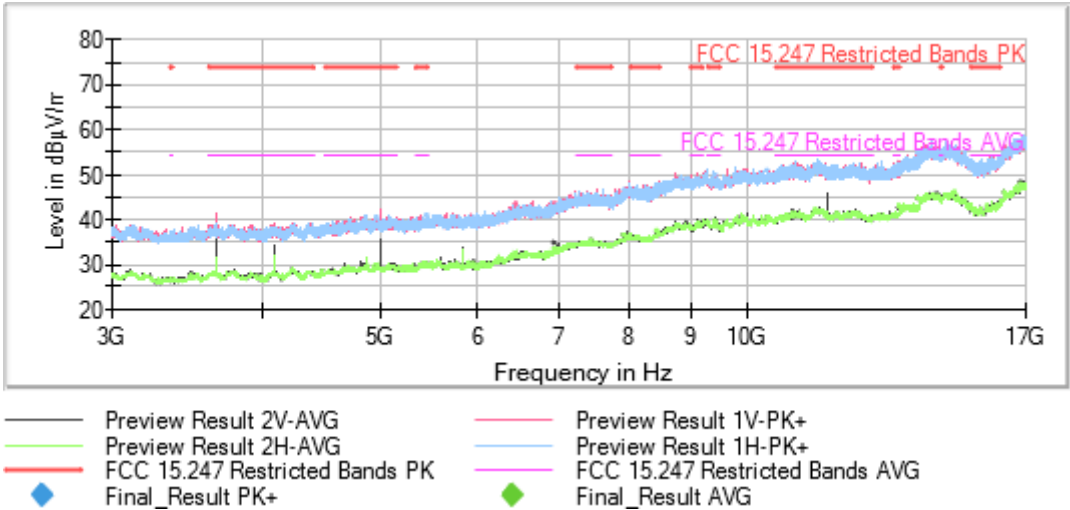
Resource Unit Tone/Index = -

Operation Band MHz = [2400, 2483.5]

Frequency MHz = 2437.00000

Modulation = 802.11n HT20 (OFDM MCS0)

Images:



Tables:

Spectrum Analyzer Parameters

	Subrange	Step Size	Detectors	Bandwidth	Sweep Time	Preamp
	Receiver: [ESW 44]					
	3 GHz - 17 GHz	500 kHz	PK+ ; AVG	1 MHz	1 s	0 dB

Frequency Range GHz = [3, 17]

Operation Band MHz = [2400, 2483.5]

Equipment Type = Digital Transmission System (DTS)

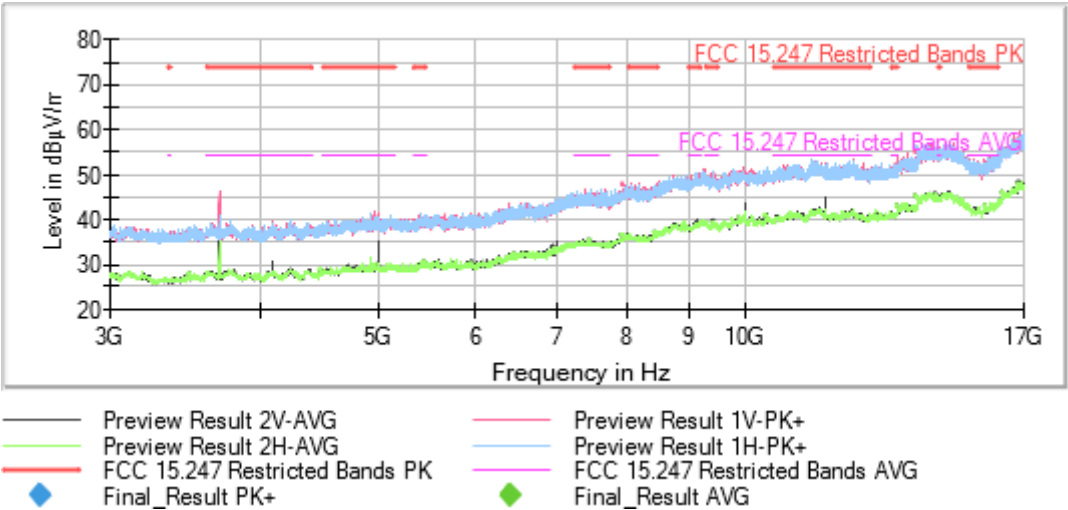
Frequency MHz = 2462.00000

Active Port = 3

Modulation = 802.11n HT20 (OFDM MCS0)

Resource Unit Tone/Index = -

Images:



Tables:

Spectrum Analyzer Parameters

	Subrange	Step Size	Detectors	Bandwidth	Sweep Time	Preamp
	Receiver: [ESW 44]					
	3 GHz - 17 GHz	500 kHz	PK+ ; AVG	1 MHz	1 s	0 dB

Frequency Range GHz = [17, 26]

Operation Band MHz = [2400, 2483.5]

Equipment Type = Digital Transmission System (DTS)

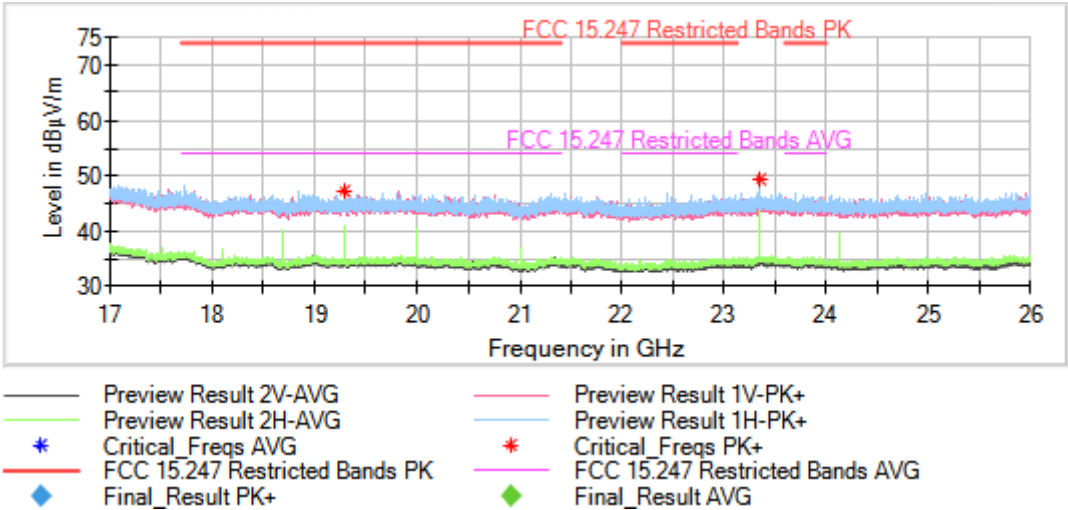
Frequency MHz = 2412.00000

Active Port = 3

Modulation = 802.11n HT20 (OFDM MCS0)

Resource Unit Tone/Index = -

Images:



Tables:

Spectrum Analyzer Parameters

	Subrange	Step Size	Detectors	Bandwidth	Sweep Time	Preamp
	Receiver: [ESW 44]					
	17 GHz - 26 GHz	500 kHz	PK+ ; AVG	1 MHz	1 s	0 dB

Frequency Range GHz = [17, 26]

Operation Band MHz = [2400, 2483.5]

Equipment Type = Digital Transmission System (DTS)

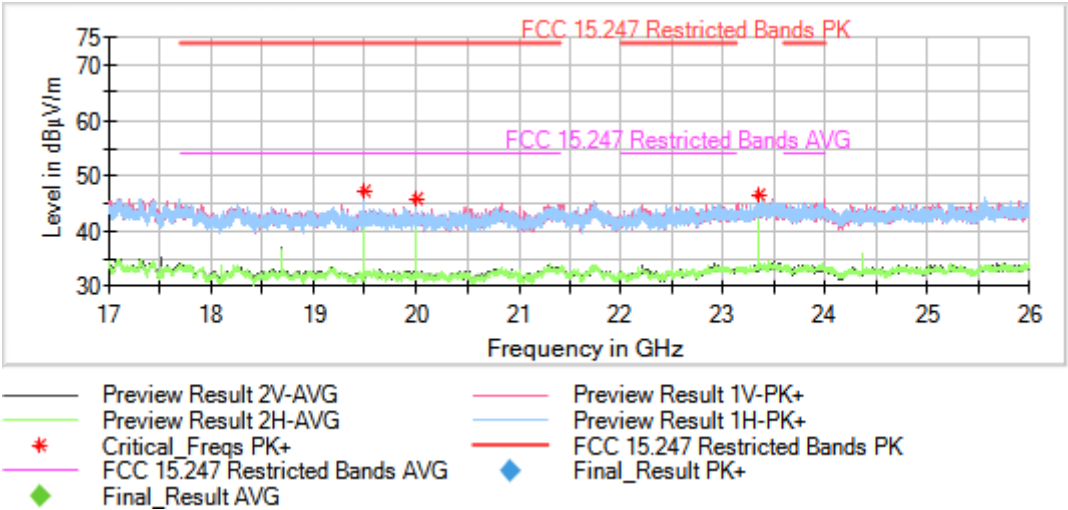
Frequency MHz = 2437.00000

Active Port = 3

Modulation = 802.11n HT20 (OFDM MCS0)

Resource Unit Tone/Index = -

Images:



Tables:

Spectrum Analyzer Parameters

	Subrange	Step Size	Detectors	Bandwidth	Sweep Time	Preamp
	Receiver: [ESW 44]					
	17 GHz - 26 GHz	500 kHz	PK+ ; AVG	1 MHz	1 s	0 dB

Frequency Range GHz = [17, 26]

Equipment Type = Digital Transmission System (DTS)

Active Port = 3

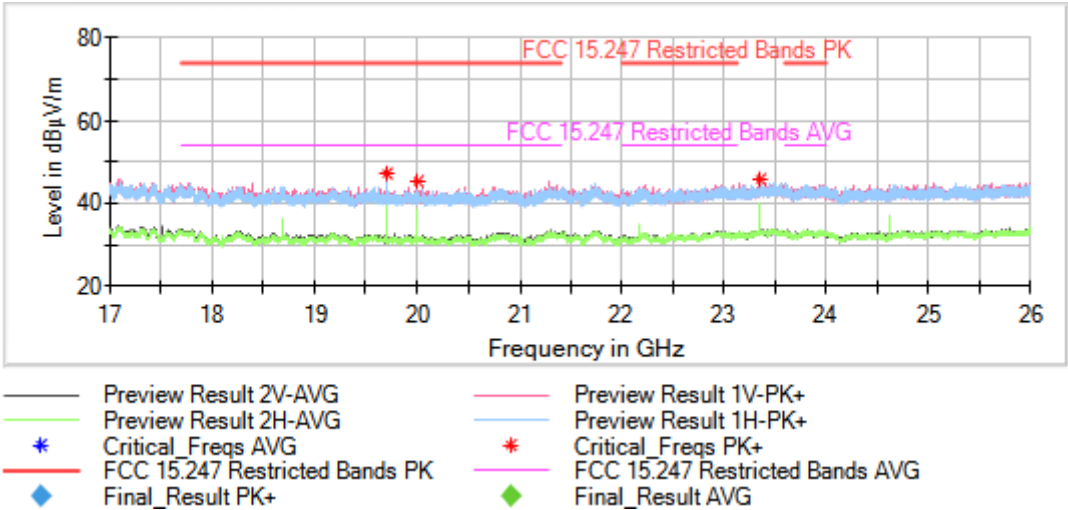
Resource Unit Tone/Index = -

Operation Band MHz = [2400, 2483.5]

Frequency MHz = 2462.00000

Modulation = 802.11n HT20 (OFDM MCS0)

Images:



Tables:

Spectrum Analyzer Parameters

	Subrange	Step Size	Detectors	Bandwidth	Sweep Time	Preamp
	Receiver: [ESW 44]					
	17 GHz - 26 GHz	500 kHz	PK+ ; AVG	1 MHz	1 s	0 dB

Frequency Range GHz = [0.03, 1]

Equipment Type = Digital Transmission System (DTS)

Active Port = 3+4

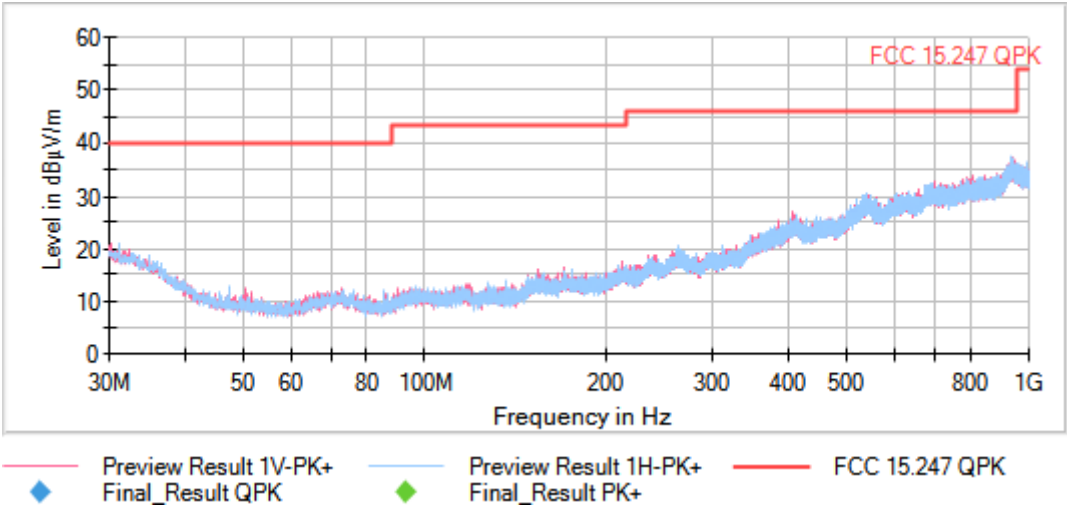
Resource Unit Tone/Index = -

Operation Band MHz = [2400, 2483.5]

Frequency MHz = 2412.00000

Modulation = 802.11n HT20 (OFDM MCS0)

Images:



The spurious frequencies do not depend on modulation and channel operation.

Tables:
Spectrum Analyzer Parameters

	Subrange	Step Size	Detectors	Bandwidth	Sweep Time	Preamp
	Receiver: [ESW 44]					
	30 MHz - 1 GHz	48,5 kHz	PK+	100 kHz	1 s	20 dB

Frequency Range GHz = [1, 3]

Operation Band MHz = [2400, 2483.5]

Equipment Type = Digital Transmission System (DTS)

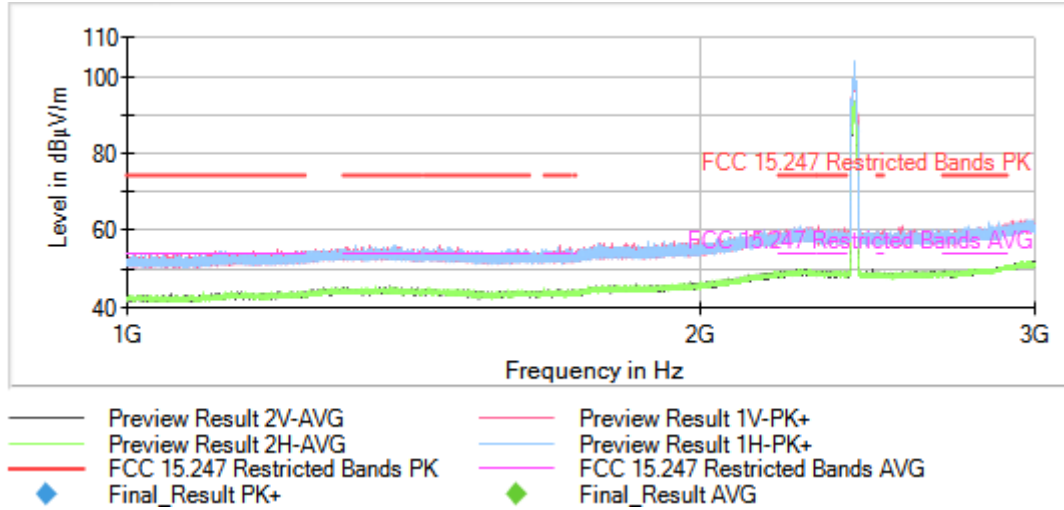
Frequency MHz = 2412.00000

Active Port = 3+4

Modulation = 802.11n HT20 (OFDM MCS0)

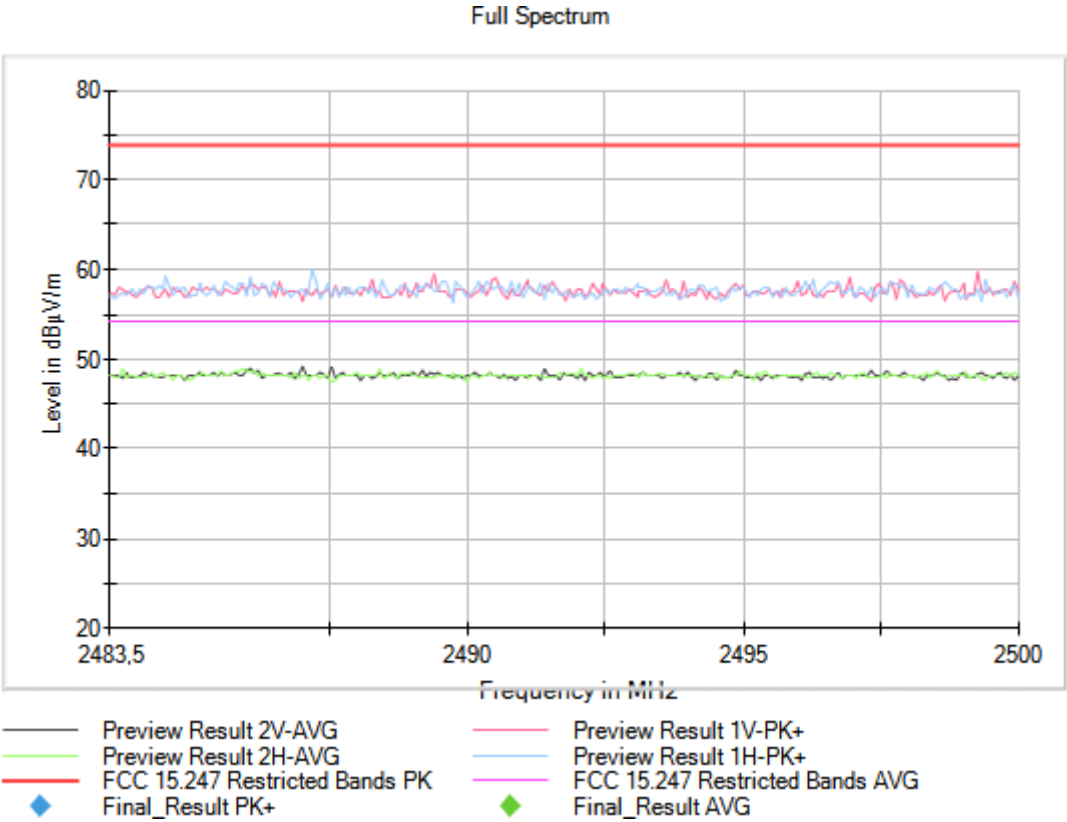
Resource Unit Tone/Index = -

Images:



Full Spectrum





Tables:
Spectrum Analyzer Parameters

	Subrange	Step Size	Detectors	Bandwidth	Sweep Time	Preamp
	Receiver: [ESW 44]					
	1 GHz - 3 GHz	66,667 kHz	PK+ ; AVG	1 MHz	1 s	0 dB

Frequency Range GHz = [1, 3]

Operation Band MHz = [2400, 2483.5]

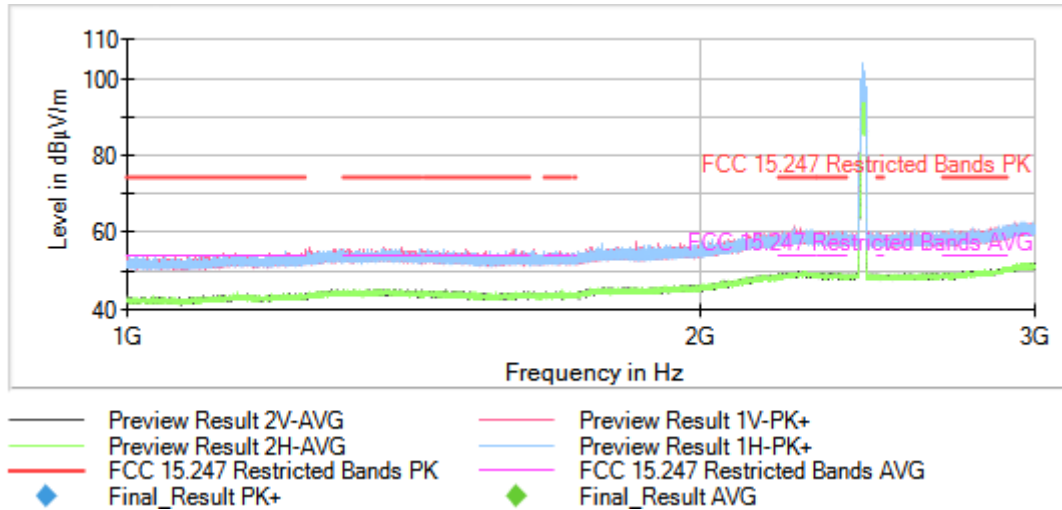
Equipment Type = Digital Transmission System (DTS) Frequency MHz = 2437.00000

Active Port = 3+4

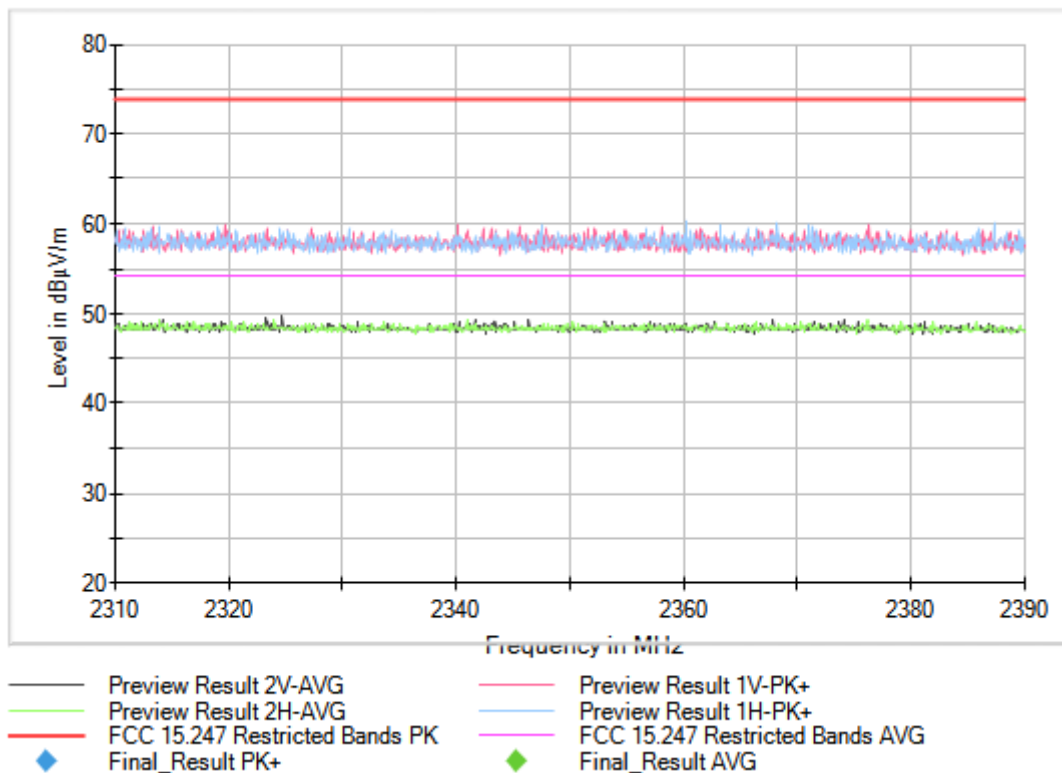
Modulation = 802.11n HT20 (OFDM MCS0)

Resource Unit Tone/Index = -

Images:



Full Spectrum





Tables:
Spectrum Analyzer Parameters

	Subrange	Step Size	Detectors	Bandwidth	Sweep Time	Preamp
	Receiver: [ESW 44]					
	1 GHz - 3 GHz	66,667 kHz	PK+ ; AVG	1 MHz	1 s	0 dB

Frequency Range GHz = [1, 3]

Operation Band MHz = [2400, 2483.5]

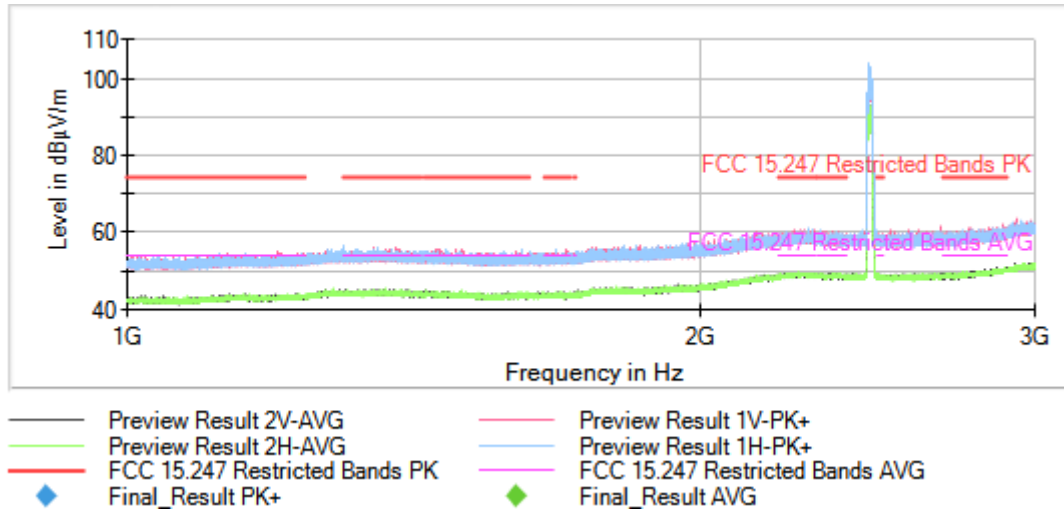
Equipment Type = Digital Transmission System (DTS) Frequency MHz = 2462.00000

Active Port = 3+4

Modulation = 802.11n HT20 (OFDM MCS0)

Resource Unit Tone/Index = -

Images:



Full Spectrum





Tables:
Spectrum Analyzer Parameters

	Subrange	Step Size	Detectors	Bandwidth	Sweep Time	Preamp
	Receiver: [ESW 44]					
	1 GHz - 3 GHz	66,667 kHz	PK+ ; AVG	1 MHz	1 s	0 dB

Frequency Range GHz = [3, 17]

Equipment Type = Digital Transmission System (DTS)

Active Port = 3+4

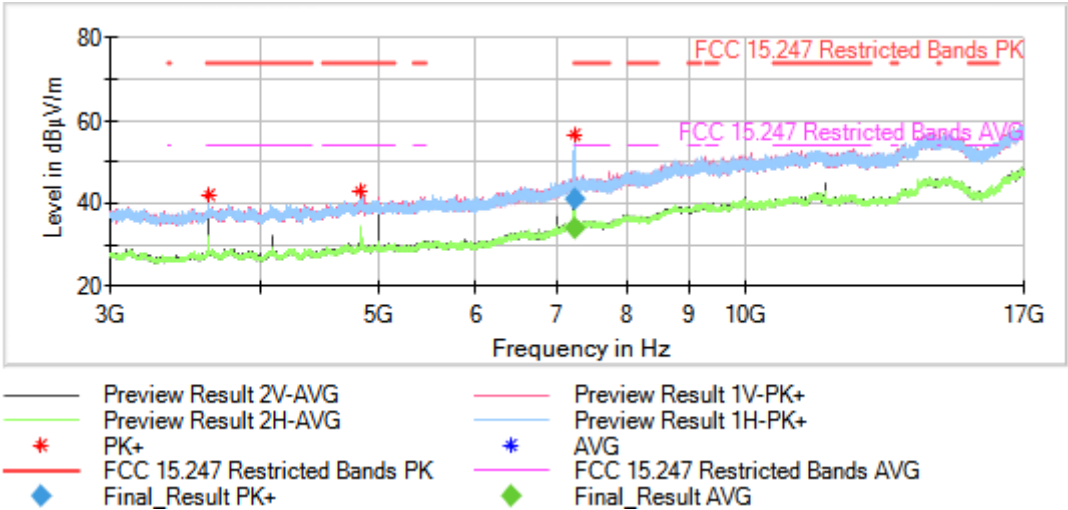
Resource Unit Tone/Index = -

Operation Band MHz = [2400, 2483.5]

Frequency MHz = 2412.00000

Modulation = 802.11n HT20 (OFDM MCS0)

Images:



Tables:

Spectrum Analyzer Parameters

	Subrange	Step Size	Detectors	Bandwidth	Sweep Time	Preamp
	Receiver: [ESW 44]					
	3 GHz - 17 GHz	500 kHz	PK+ ; AVG	1 MHz	1 s	0 dB

Frequency Range GHz = [3, 17]

Equipment Type = Digital Transmission System (DTS)

Active Port = 3+4

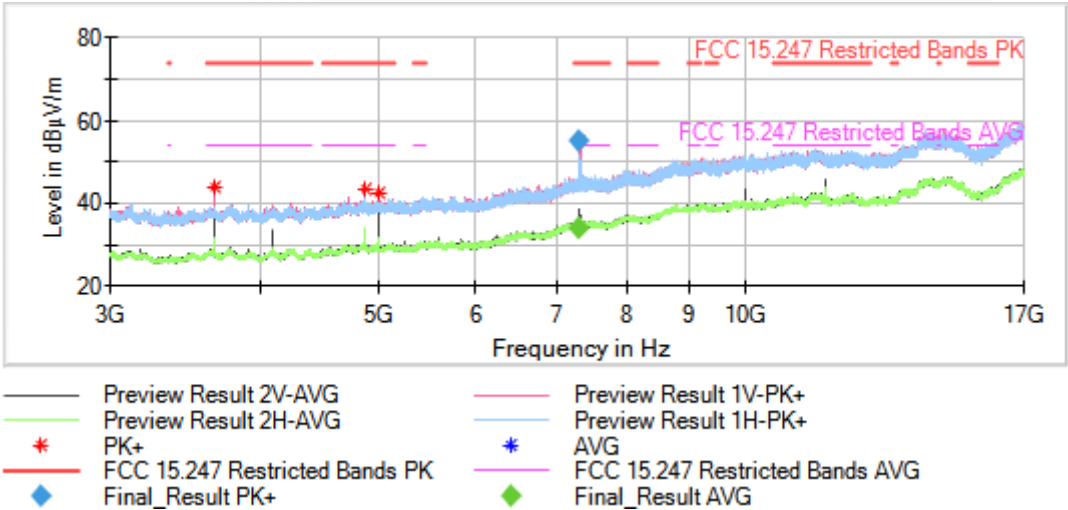
Resource Unit Tone/Index = -

Operation Band MHz = [2400, 2483.5]

Frequency MHz = 2437.00000

Modulation = 802.11n HT20 (OFDM MCS0)

Images:



Tables:

Spectrum Analyzer Parameters

	Subrange	Step Size	Detectors	Bandwidth	Sweep Time	Preamp
	Receiver: [ESW 44]					
	3 GHz - 17 GHz	500 kHz	PK+ ; AVG	1 MHz	1 s	0 dB

Frequency Range GHz = [3, 17]

Equipment Type = Digital Transmission System (DTS)

Active Port = 3+4

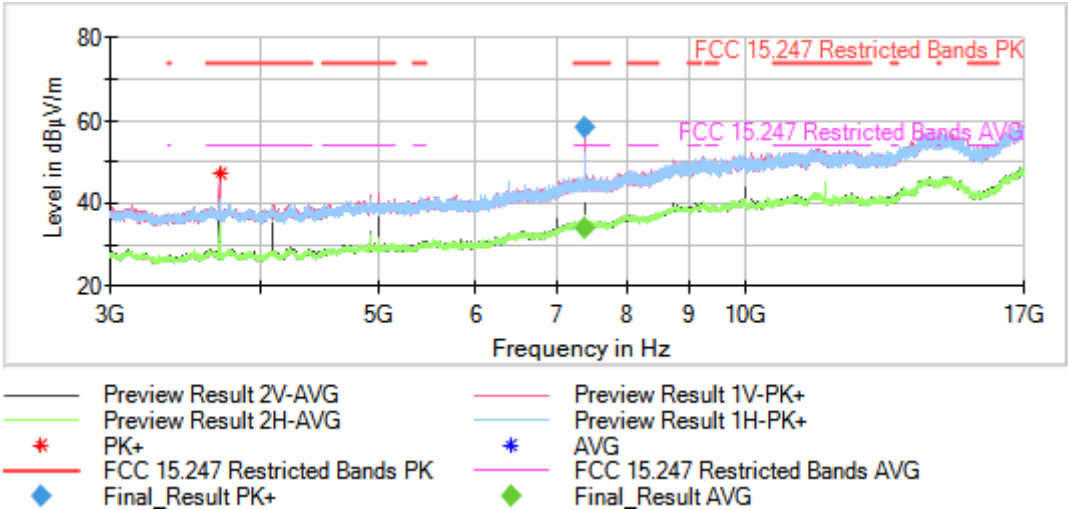
Resource Unit Tone/Index = -

Operation Band MHz = [2400, 2483.5]

Frequency MHz = 2462.00000

Modulation = 802.11n HT20 (OFDM MCS0)

Images:



Tables:

Spectrum Analyzer Parameters

	Subrange	Step Size	Detectors	Bandwidth	Sweep Time	Preamp
	Receiver: [ESW 44]					
	3 GHz - 17 GHz	500 kHz	PK+ ; AVG	1 MHz	1 s	0 dB

Frequency Range GHz = [17, 26]

Operation Band MHz = [2400, 2483.5]

Equipment Type = Digital Transmission System (DTS)

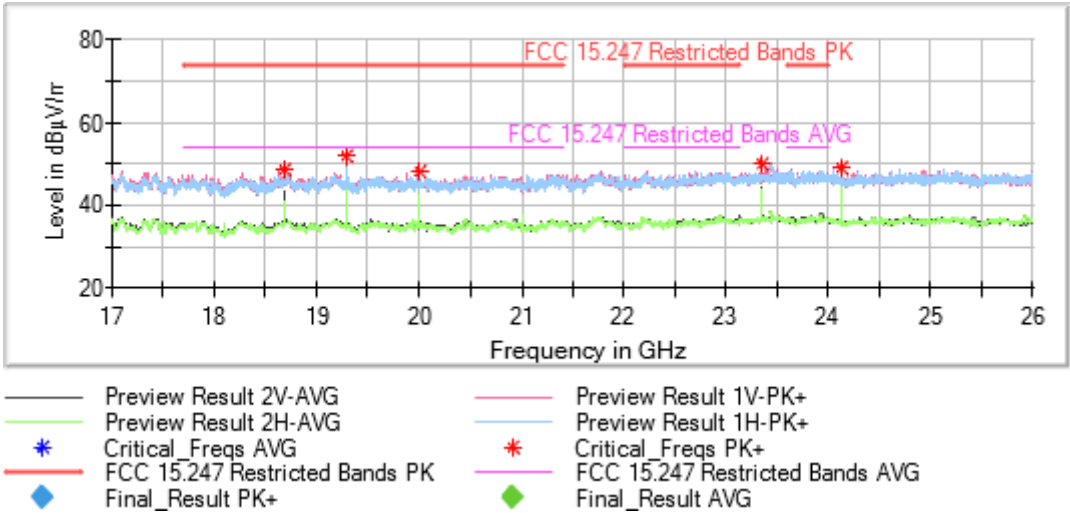
Frequency MHz = 2412.00000

Active Port = 3+4

Modulation = 802.11n HT20 (OFDM MCS0)

Resource Unit Tone/Index = -

Images:



Tables:

Spectrum Analyzer Parameters

	Subrange	Step Size	Detectors	Bandwidth	Sweep Time	Preamp
	Receiver: [ESW 44]					
	17 GHz - 26 GHz	500 kHz	PK+ ; AVG	1 MHz	1 s	0 dB

Frequency Range GHz = [17, 26]

Operation Band MHz = [2400, 2483.5]

Equipment Type = Digital Transmission System (DTS)

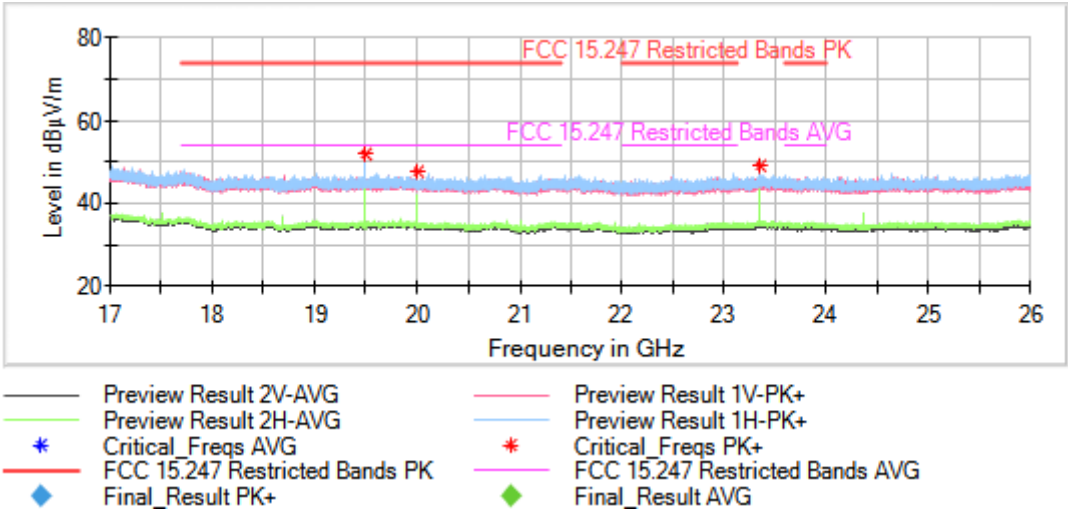
Frequency MHz = 2437.00000

Active Port = 3+4

Modulation = 802.11n HT20 (OFDM MCS0)

Resource Unit Tone/Index = -

Images:



Tables:

Spectrum Analyzer Parameters

	Subrange	Step Size	Detectors	Bandwidth	Sweep Time	Preamp
	Receiver: [ESW 44]					
	17 GHz - 26 GHz	500 kHz	PK+ ; AVG	1 MHz	1 s	0 dB

Frequency Range GHz = [17, 26]

Equipment Type = Digital Transmission System (DTS)

Active Port = 3+4

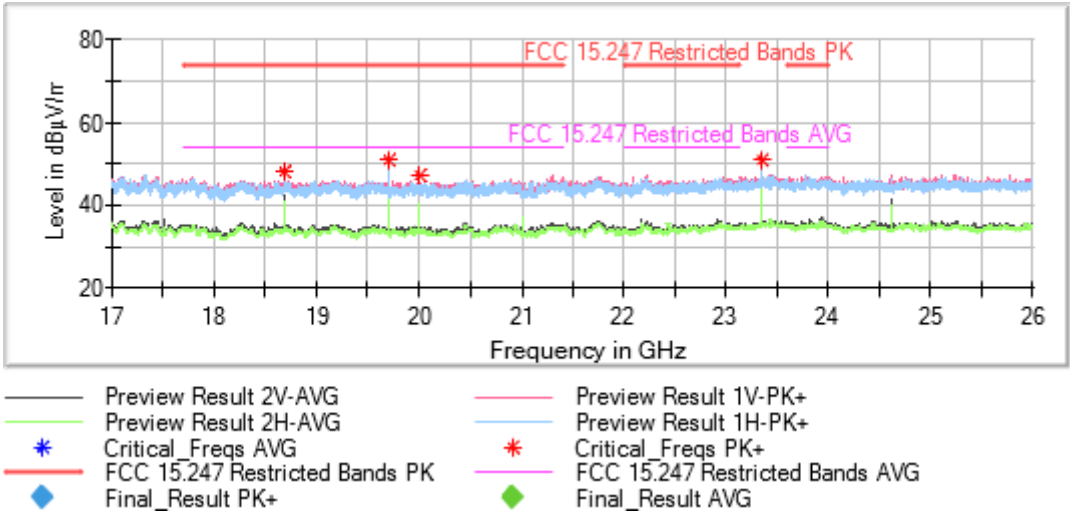
Resource Unit Tone/Index = -

Operation Band MHz = [2400, 2483.5]

Frequency MHz = 2462.00000

Modulation = 802.11n HT20 (OFDM MCS0)

Images:



Tables:

Spectrum Analyzer Parameters

	Subrange	Step Size	Detectors	Bandwidth	Sweep Time	Preamp
	Receiver: [ESW 44]					
	17 GHz - 26 GHz	500 kHz	PK+ ; AVG	1 MHz	1 s	0 dB

Modulation: 802.11ax HE20 (OFDMA MCS0)

Results

Freq Rng (GHz)	Operation Band (MHz)	Equipment	Freq (MHz)	Port	Subcarrier Mode	RU (Tone/Index)	Unwanted Freq (MHz)	Unwanted Lvl (dBμV/m)	Pol	Detector	
[3, 17]	[2400, 2483.5]	Digital Transmission System (DTS)	2412.00000	3+4	RU	26/0	7212.000	68.16	H	PK	
							7212.000	42.02	H	AVG	
							9614.000	61.51	H	PK	
							9614.000	40.93	H	AVG	
			2437.00000		SU	242/61	7306.500	57.62	V	PK	
							7306.500	43.89	V	AVG	
					RU	26/3	7305.000	71.73	V	PK	
							7305.000	53.58	V	AVG	
							9738.500	61.46	H	PK	
							9738.500	41.38	H	AVG	
					2462.00000	RU	26/8	7411.500	71.71	V	PK
								7411.500	53.87	V	AVG
			9883.000					62.75	H	PK	
			9883.000					41.86	H	AVG	
			SU			242/61	7390.000	59.02	V	PK	
							7390.000	44.67	V	AVG	

Verdict

Pass

Attachments

Frequency Range GHz = [1, 3]

Operation Band MHz = [2400, 2483.5]

Equipment Type = Digital Transmission System (DTS)

Frequency MHz = 2412.00000

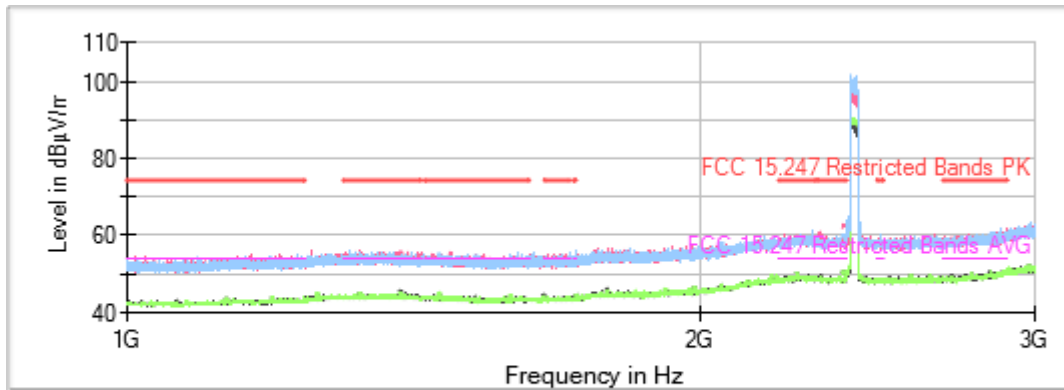
Active Port = 3

Modulation = 802.11ax HE20 (OFDMA MCS0)

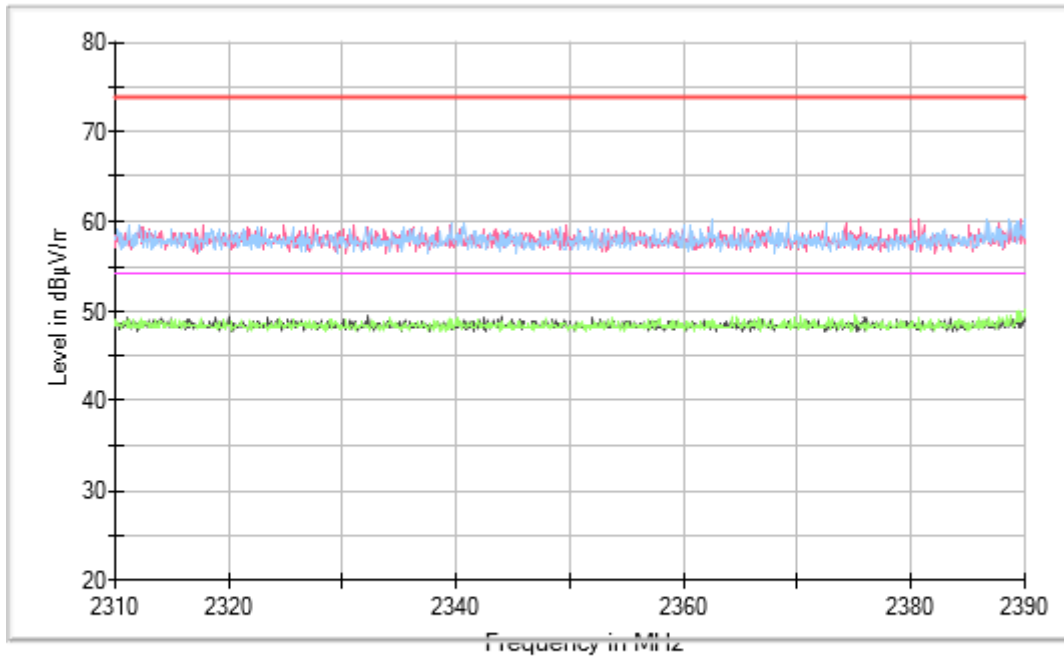
Subcarrier Mode = SU

Resource Unit Tone/Index = 242/61

Images:



Full Spectrum





Tables:
Spectrum Analyzer Parameters

	Subrange	Step Size	Detectors	Bandwidth	Sweep Time	Preamp
	Receiver: [ESW 44]					
	1 GHz - 3 GHz	66,667 kHz	PK+ ; AVG	1 MHz	1 s	0 dB

Frequency Range GHz = [1, 3]

Equipment Type = Digital Transmission System (DTS)

Active Port = 3

Subcarrier Mode = RU

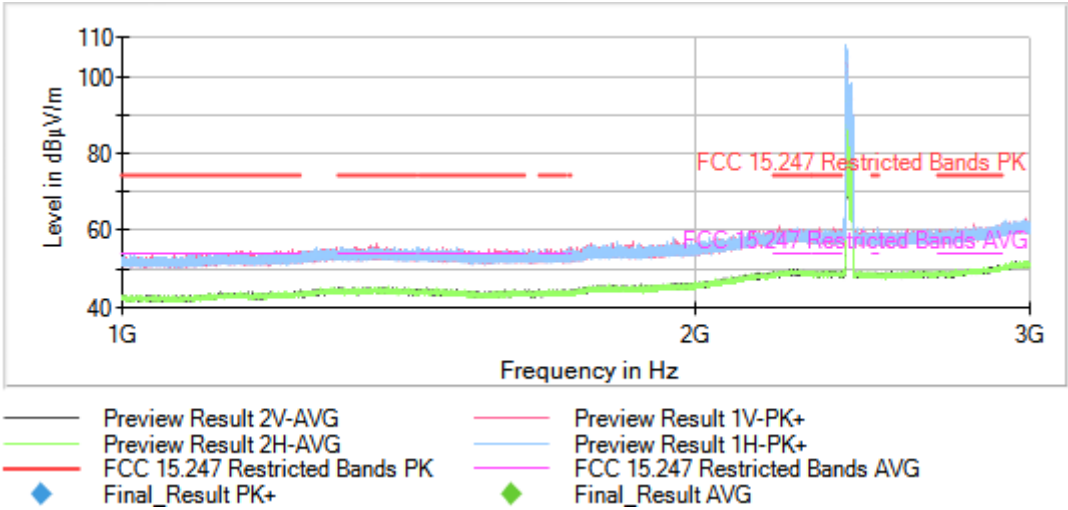
Operation Band MHz = [2400, 2483.5]

Frequency MHz = 2412.00000

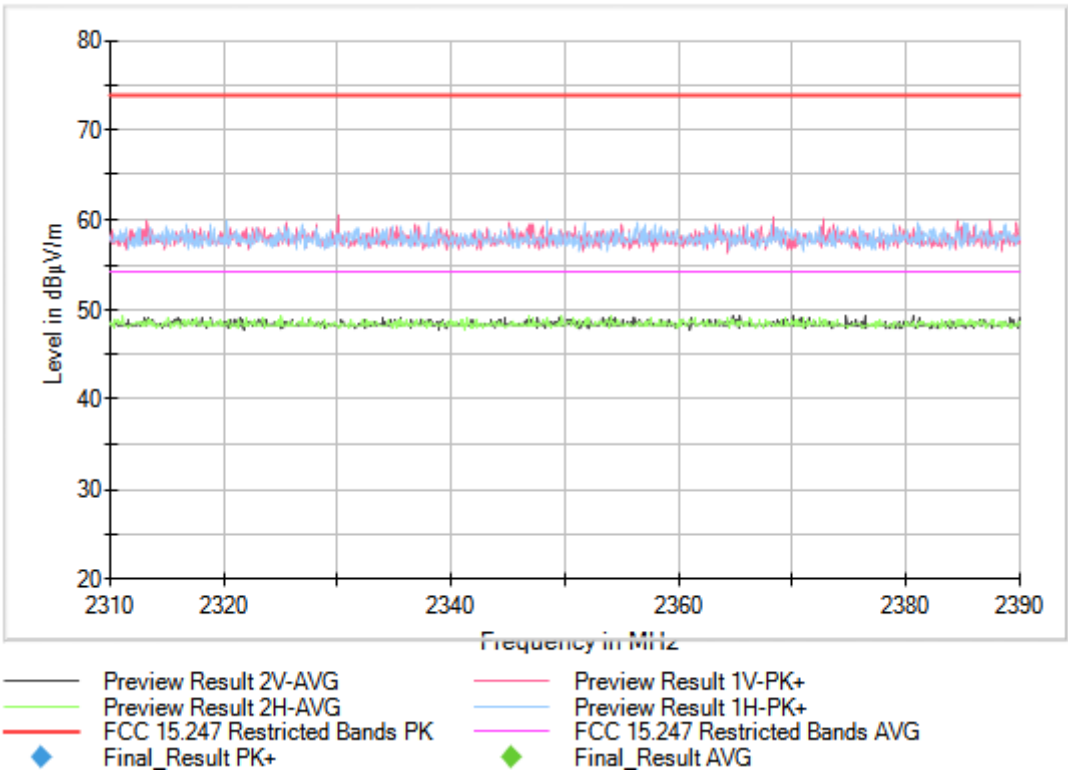
Modulation = 802.11ax HE20 (OFDMA MCS0)

Resource Unit Tone/Index = 26/0

Images:



Full Spectrum





Tables:
Spectrum Analyzer Parameters

	Subrange	Step Size	Detectors	Bandwidth	Sweep Time	Preamp
	Receiver: [ESW 44]					
	1 GHz - 3 GHz	66,667 kHz	PK+ ; AVG	1 MHz	1 s	0 dB

Frequency Range GHz = [1, 3]

Operation Band MHz = [2400, 2483.5]

Equipment Type = Digital Transmission System (DTS)

Frequency MHz = 2437.00000

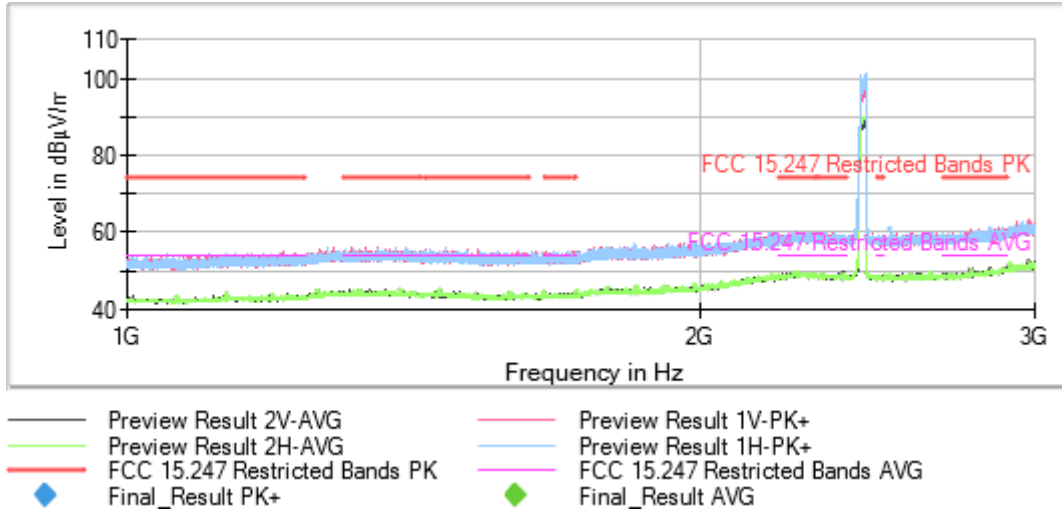
Active Port = 3

Modulation = 802.11ax HE20 (OFDMA MCS0)

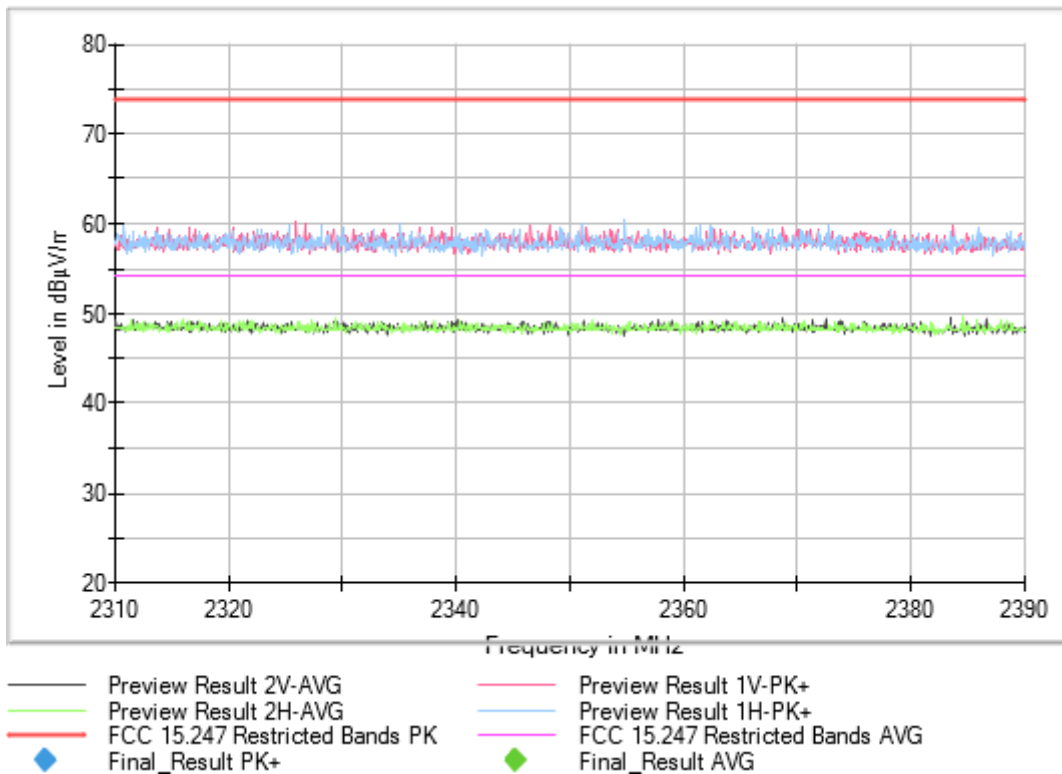
Subcarrier Mode = SU

Resource Unit Tone/Index = 242/61

Images:



Full Spectrum





Tables:
Spectrum Analyzer Parameters

	Subrange	Step Size	Detectors	Bandwidth	Sweep Time	Preamp
	Receiver: [ESW 44]					
	1 GHz - 3 GHz	66,667 kHz	PK+ ; AVG	1 MHz	1 s	0 dB

Frequency Range GHz = [1, 3]

Equipment Type = Digital Transmission System (DTS)

Active Port = 3

Subcarrier Mode = RU

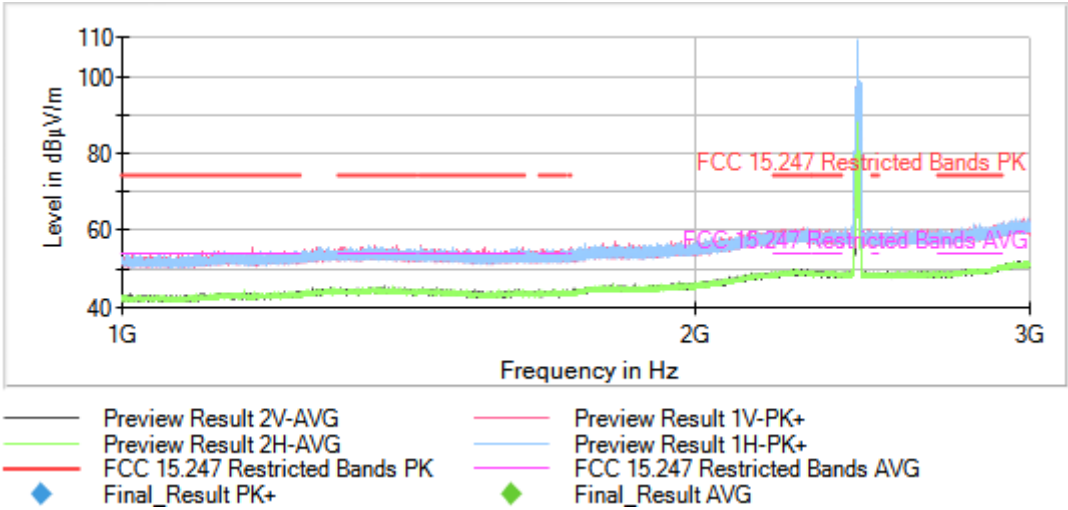
Operation Band MHz = [2400, 2483.5]

Frequency MHz = 2437.00000

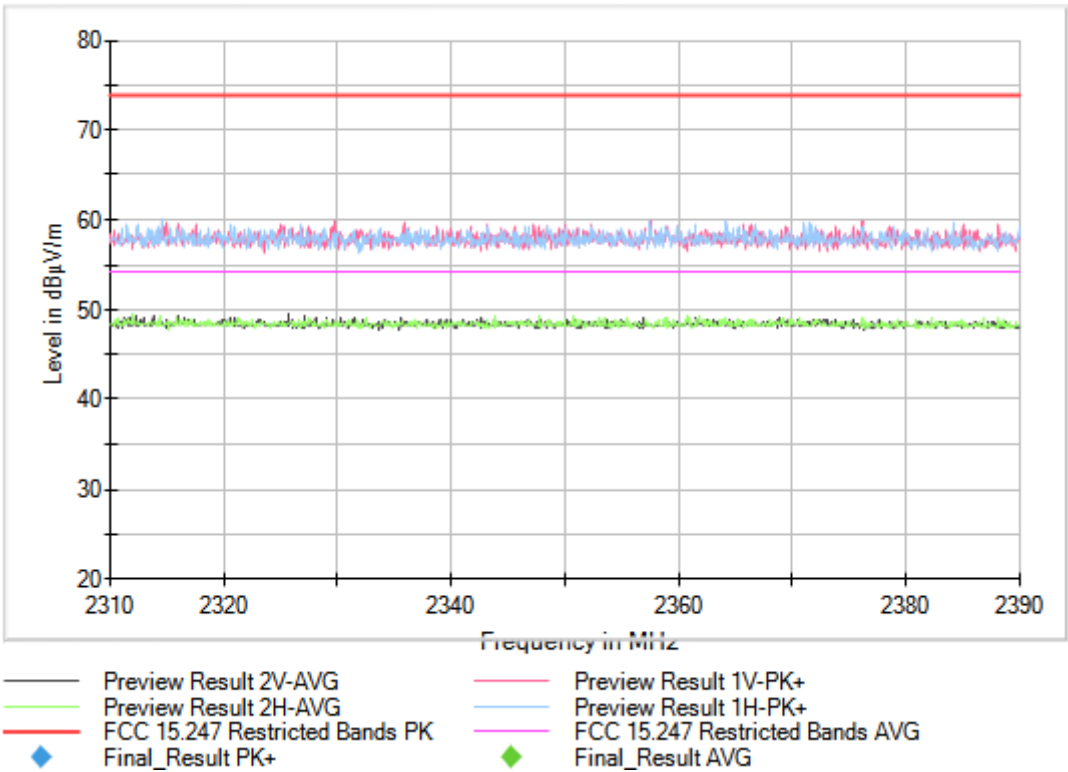
Modulation = 802.11ax HE20 (OFDMA MCS0)

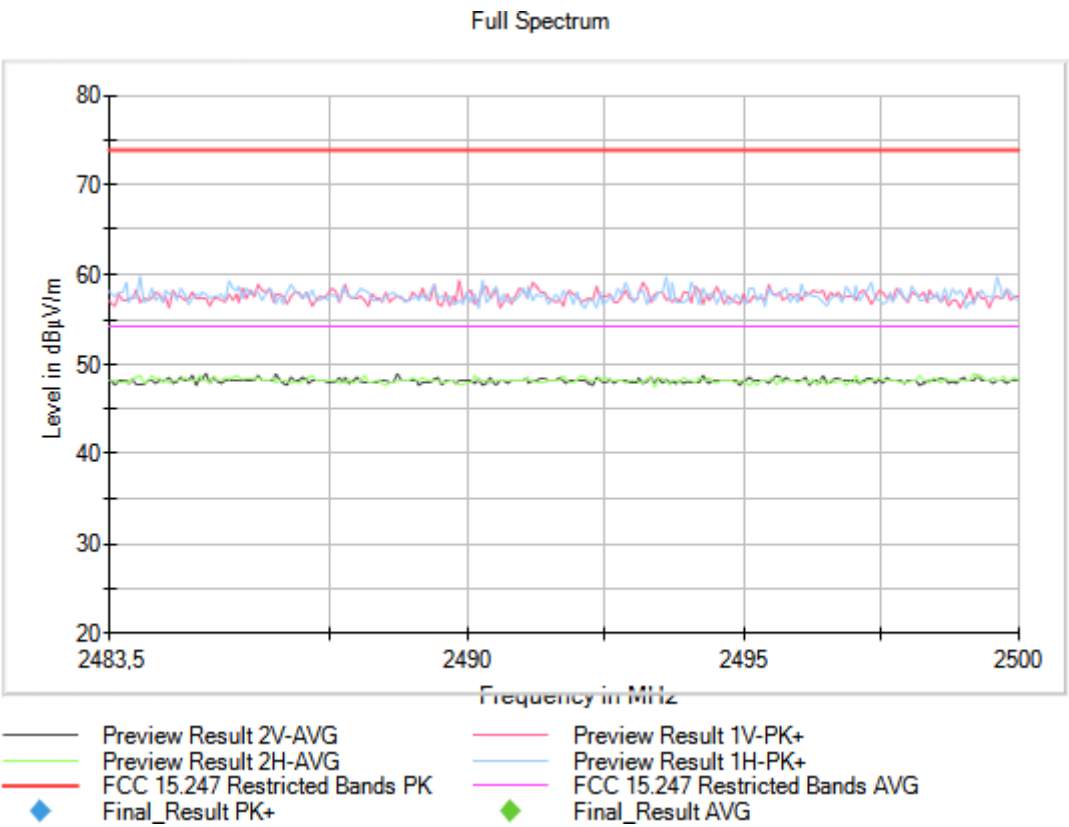
Resource Unit Tone/Index = 26/3

Images:



Full Spectrum





Tables:
Spectrum Analyzer Parameters

	Subrange	Step Size	Detectors	Bandwidth	Sweep Time	Preamp
	Receiver: [ESW 44]					
	1 GHz - 3 GHz	66,667 kHz	PK+ ; AVG	1 MHz	1 s	0 dB

Frequency Range GHz = [1, 3]

Operation Band MHz = [2400, 2483.5]

Equipment Type = Digital Transmission System (DTS)

Frequency MHz = 2462.00000

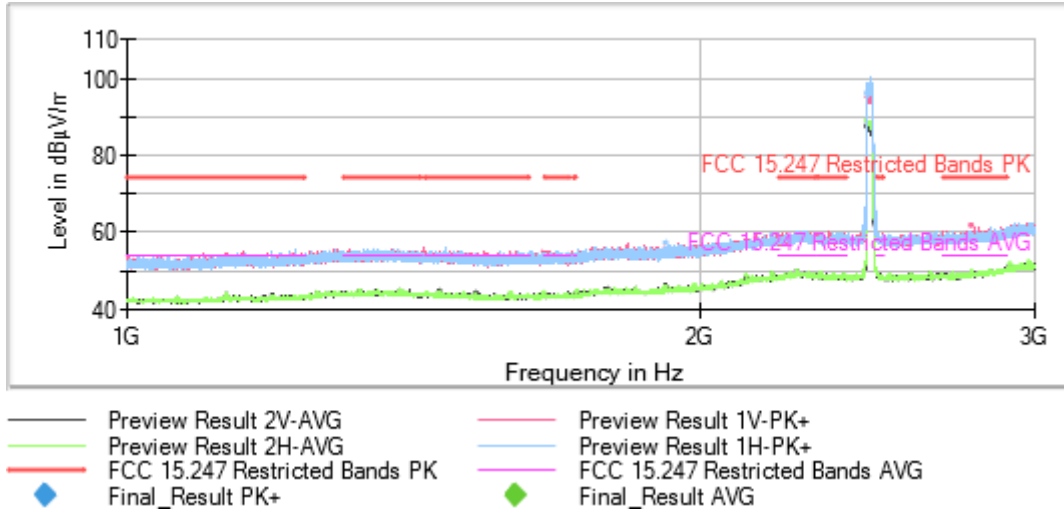
Active Port = 3

Modulation = 802.11ax HE20 (OFDMA MCS0)

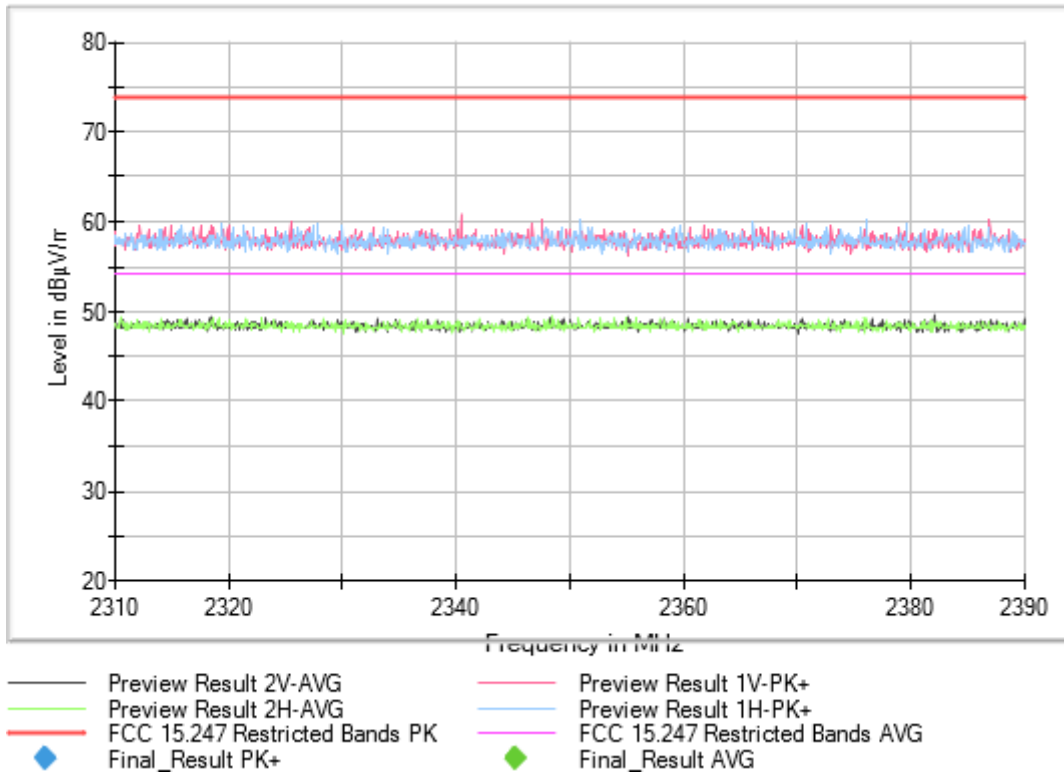
Subcarrier Mode = SU

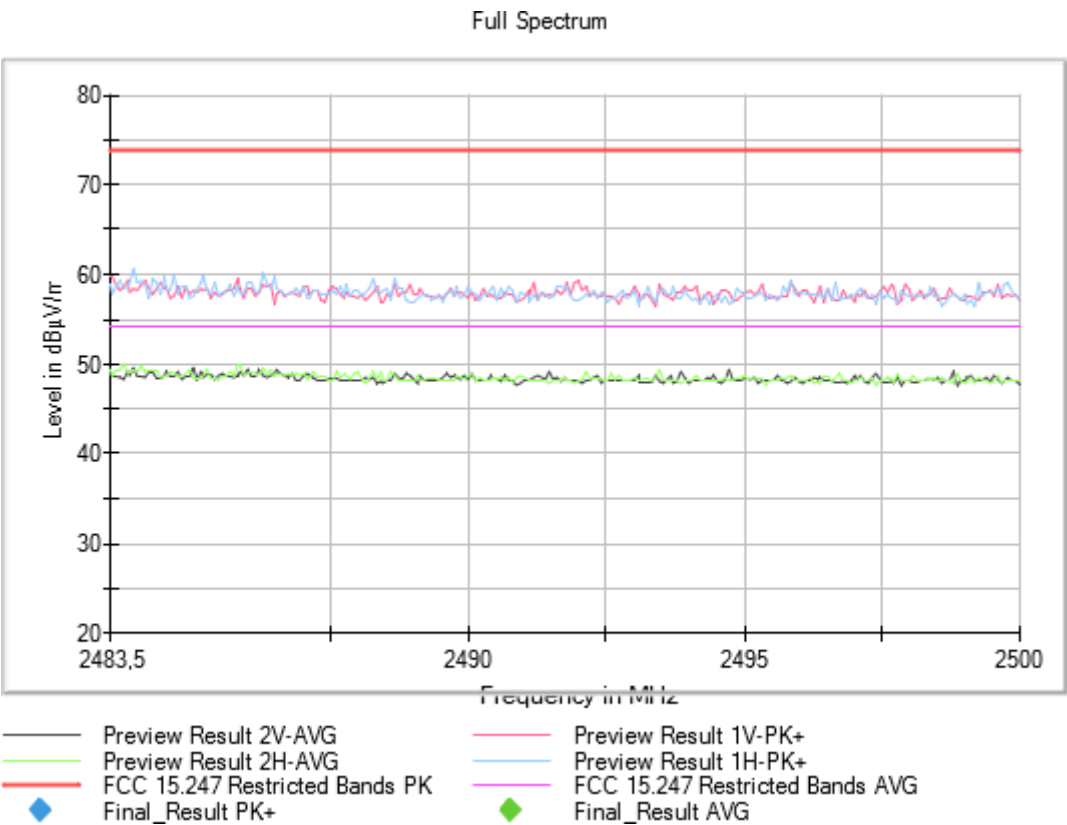
Resource Unit Tone/Index = 242/61

Images:



Full Spectrum





Tables:
Spectrum Analyzer Parameters

	Subrange	Step Size	Detectors	Bandwidth	Sweep Time	Preamp
	Receiver: [ESW 44]					
	1 GHz - 3 GHz	66,667 kHz	PK+ ; AVG	1 MHz	1 s	0 dB

Frequency Range GHz = [1, 3]

Operation Band MHz = [2400, 2483.5]

Equipment Type = Digital Transmission System (DTS)

Frequency MHz = 2462.00000

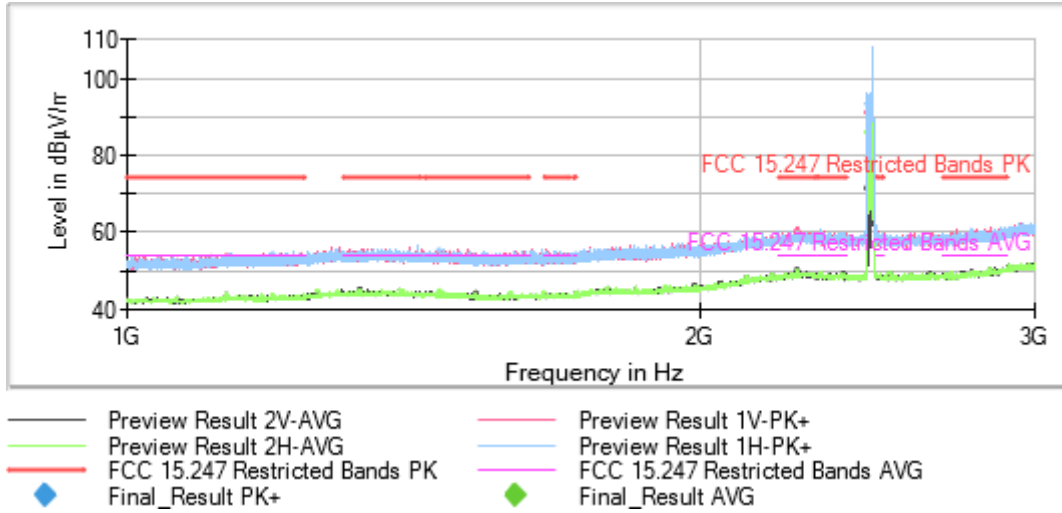
Active Port = 3

Modulation = 802.11ax HE20 (OFDMA MCS0)

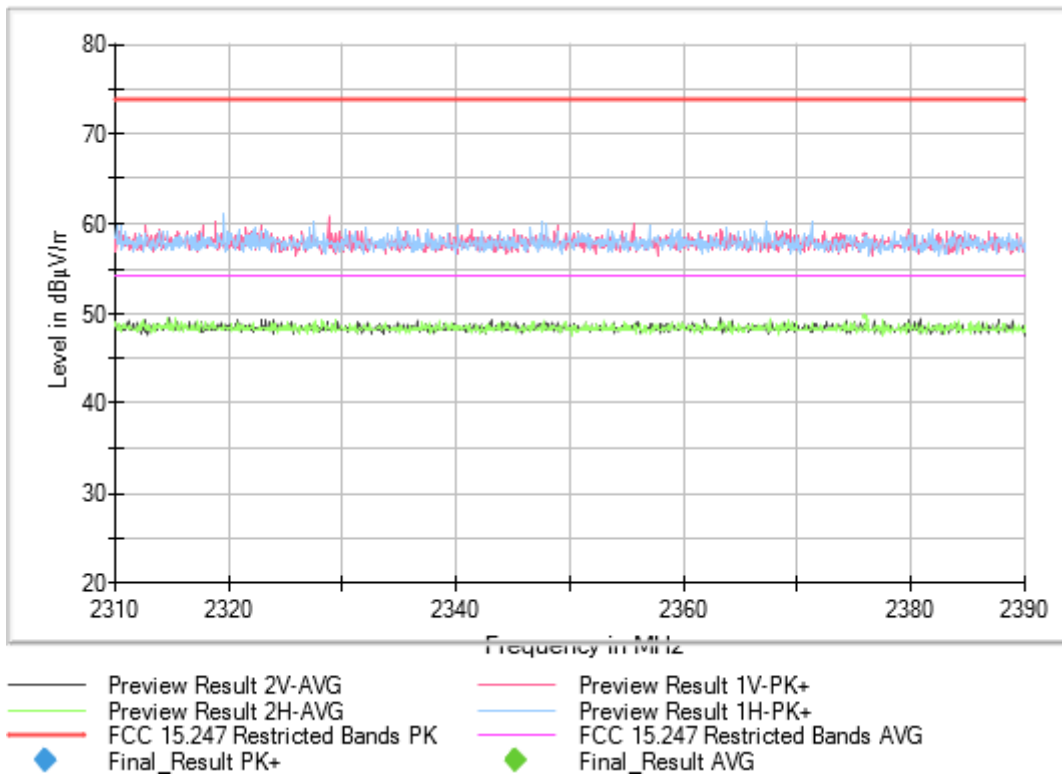
Subcarrier Mode = RU

Resource Unit Tone/Index = 26/8

Images:



Full Spectrum





Tables:
Spectrum Analyzer Parameters

	Subrange	Step Size	Detectors	Bandwidth	Sweep Time	Preamp
	Receiver: [ESW 44]					
	1 GHz - 3 GHz	66,667 kHz	PK+ ; AVG	1 MHz	1 s	0 dB

Frequency Range GHz = [3, 17]

Equipment Type = Digital Transmission System (DTS)

Active Port = 3

Subcarrier Mode = SU

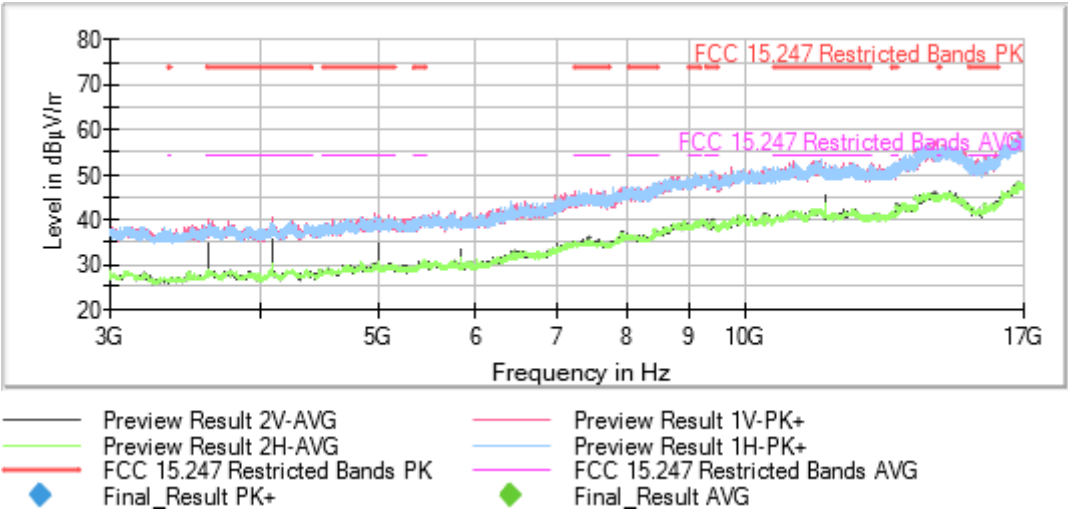
Operation Band MHz = [2400, 2483.5]

Frequency MHz = 2412.00000

Modulation = 802.11ax HE20 (OFDMA MCS0)

Resource Unit Tone/Index = 242/61

Images:



Tables:

Spectrum Analyzer Parameters

	Subrange	Step Size	Detectors	Bandwidth	Sweep Time	Preamp
	Receiver: [ESW 44]					
	3 GHz - 17 GHz	500 kHz	PK+ ; AVG	1 MHz	1 s	0 dB

Frequency Range GHz = [3, 17]

Equipment Type = Digital Transmission System (DTS)

Active Port = 3

Subcarrier Mode = SU

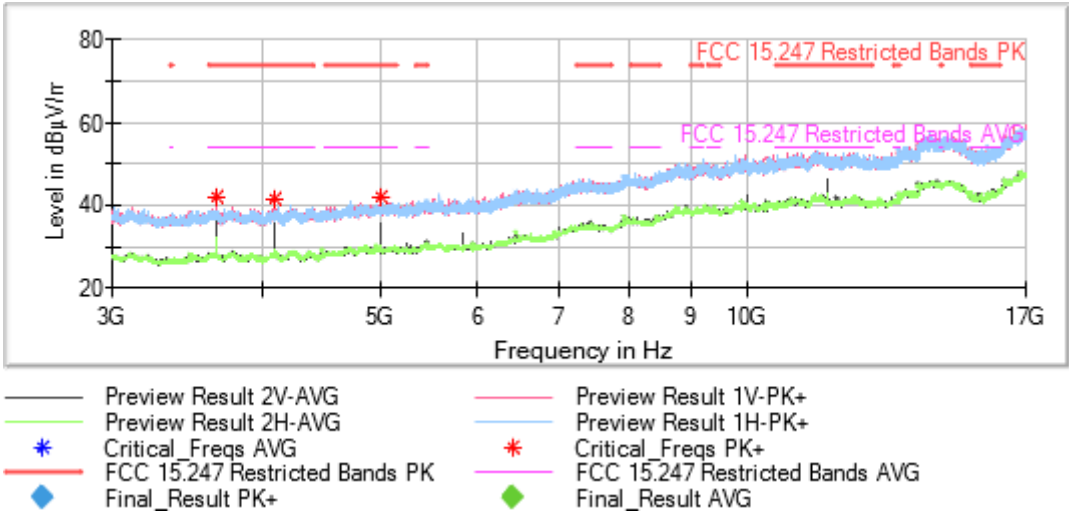
Operation Band MHz = [2400, 2483.5]

Frequency MHz = 2437.00000

Modulation = 802.11ax HE20 (OFDMA MCS0)

Resource Unit Tone/Index = 242/61

Images:



Tables:

Spectrum Analyzer Parameters

	Subrange	Step Size	Detectors	Bandwidth	Sweep Time	Preamp
	Receiver: [ESW 44]					
	3 GHz - 17 GHz	500 kHz	PK+ ; AVG	1 MHz	1 s	0 dB

Frequency Range GHz = [3, 17]

Equipment Type = Digital Transmission System (DTS)

Active Port = 3

Subcarrier Mode = SU

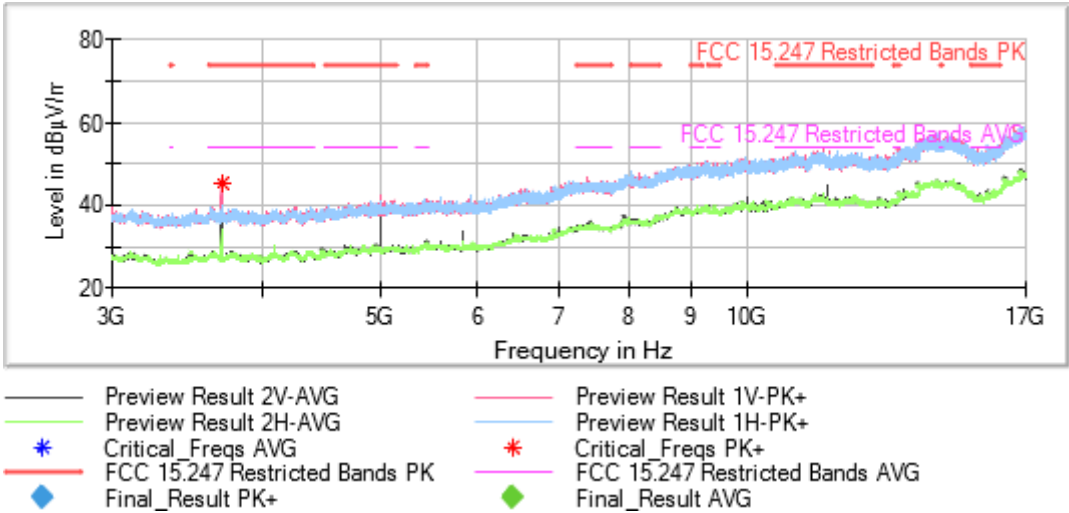
Operation Band MHz = [2400, 2483.5]

Frequency MHz = 2462.00000

Modulation = 802.11ax HE20 (OFDMA MCS0)

Resource Unit Tone/Index = 242/61

Images:



Tables:

Spectrum Analyzer Parameters

	Subrange	Step Size	Detectors	Bandwidth	Sweep Time	Preamp
	Receiver: [ESW 44]					
	3 GHz - 17 GHz	500 kHz	PK+ ; AVG	1 MHz	1 s	0 dB

Frequency Range GHz = [3, 17]

Equipment Type = Digital Transmission System (DTS)

Active Port = 3

Subcarrier Mode = RU

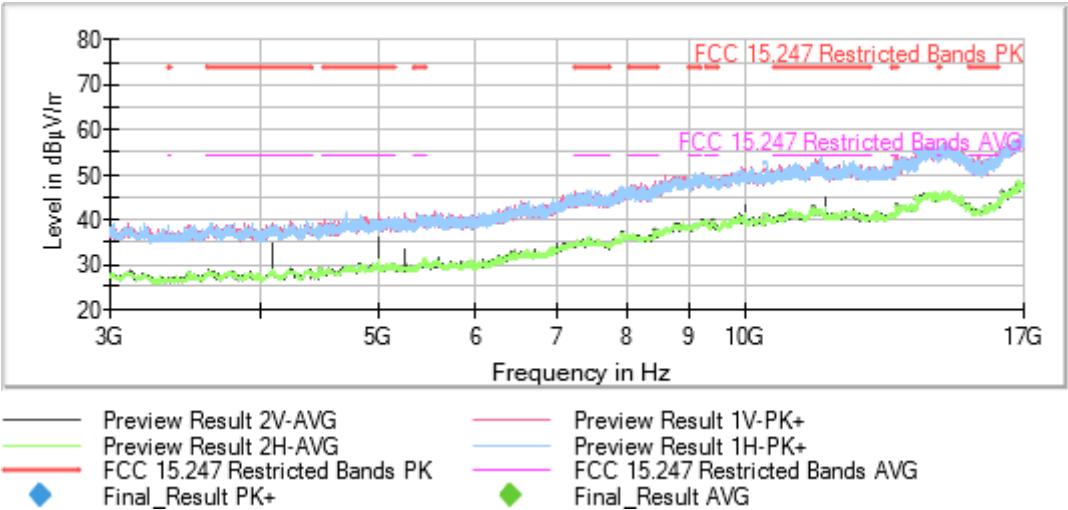
Operation Band MHz = [2400, 2483.5]

Frequency MHz = 2412.00000

Modulation = 802.11ax HE20 (OFDMA MCS0)

Resource Unit Tone/Index = 26/0

Images:



Tables:

Spectrum Analyzer Parameters

	Subrange	Step Size	Detectors	Bandwidth	Sweep Time	Preamp
	Receiver: [ESW 44]					
	3 GHz - 17 GHz	500 kHz	PK+ ; AVG	1 MHz	1 s	0 dB

Frequency Range GHz = [3, 17]

Equipment Type = Digital Transmission System (DTS)

Active Port = 3

Subcarrier Mode = RU

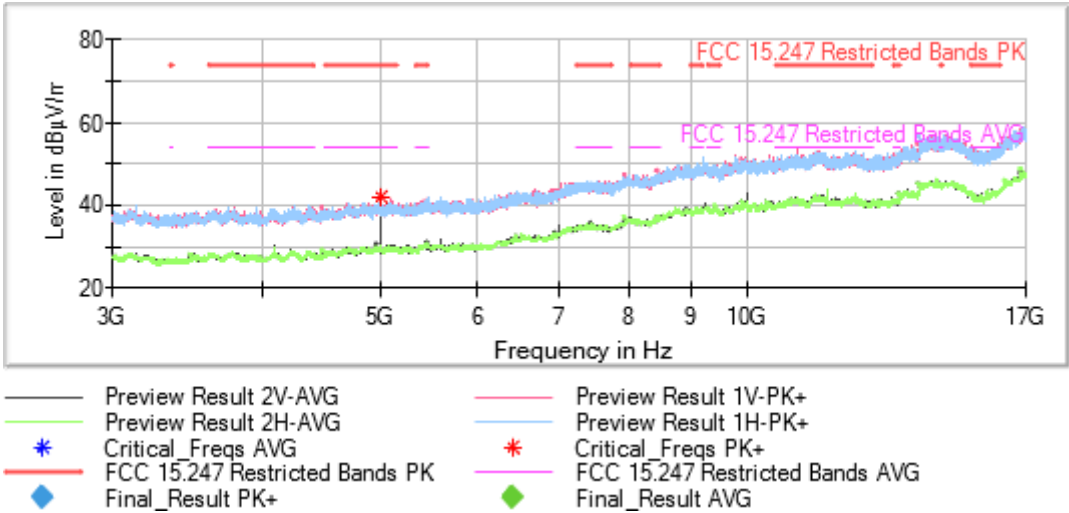
Operation Band MHz = [2400, 2483.5]

Frequency MHz = 2437.00000

Modulation = 802.11ax HE20 (OFDMA MCS0)

Resource Unit Tone/Index = 26/3

Images:



Tables:

Spectrum Analyzer Parameters

	Subrange	Step Size	Detectors	Bandwidth	Sweep Time	Preamp
	Receiver: [ESW 44]					
	3 GHz - 17 GHz	500 kHz	PK+ ; AVG	1 MHz	1 s	0 dB

Frequency Range GHz = [3, 17]

Equipment Type = Digital Transmission System (DTS)

Active Port = 3

Subcarrier Mode = RU

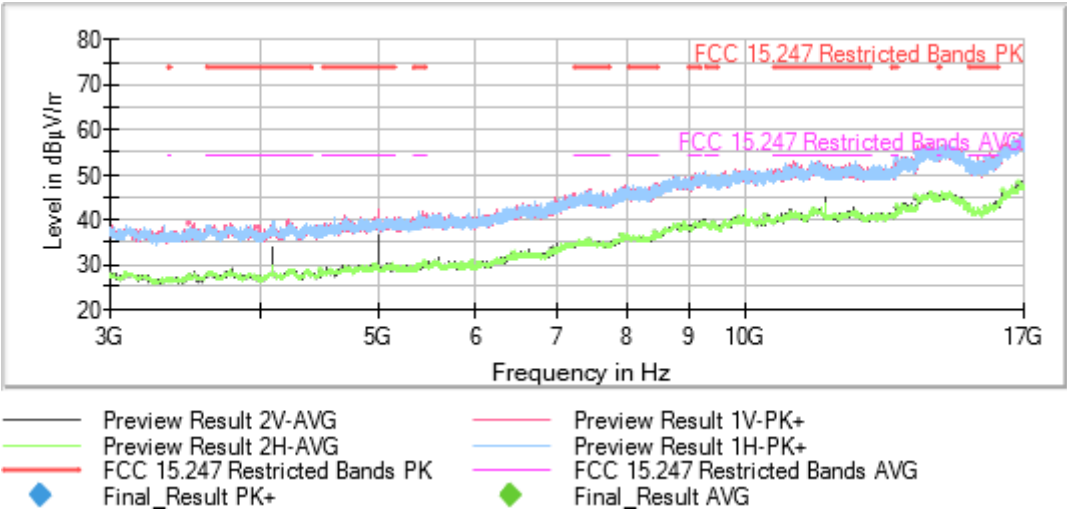
Operation Band MHz = [2400, 2483.5]

Frequency MHz = 2462.00000

Modulation = 802.11ax HE20 (OFDMA MCS0)

Resource Unit Tone/Index = 26/8

Images:



Tables:

Spectrum Analyzer Parameters

	Subrange	Step Size	Detectors	Bandwidth	Sweep Time	Preamp
	Receiver: [ESW 44]					
	3 GHz - 17 GHz	500 kHz	PK+ ; AVG	1 MHz	1 s	0 dB

Frequency Range GHz = [17, 26]

Operation Band MHz = [2400, 2483.5]

Equipment Type = Digital Transmission System (DTS)

Frequency MHz = 2412.00000

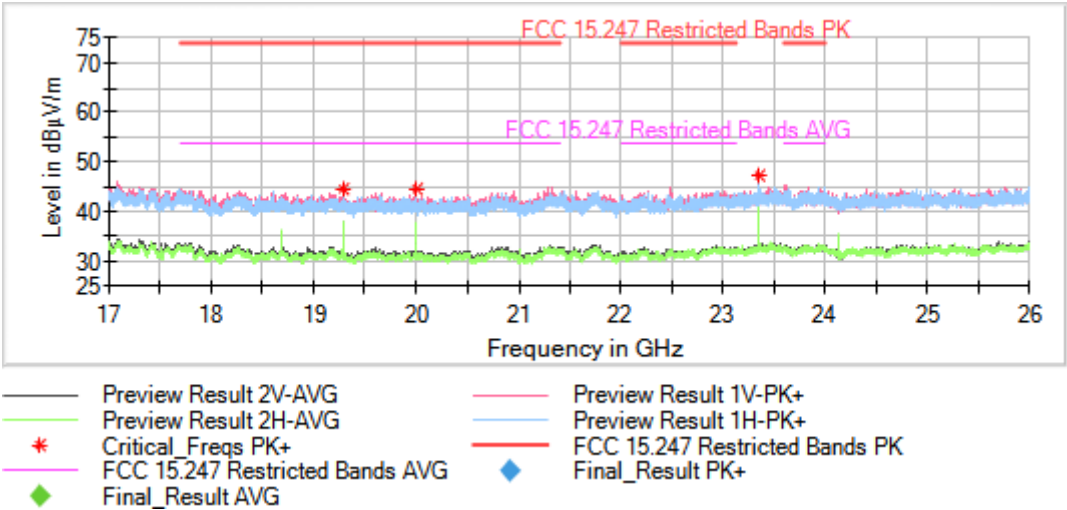
Active Port = 3

Modulation = 802.11ax HE20 (OFDMA MCS0)

Subcarrier Mode = SU

Resource Unit Tone/Index = 242/61

Images:



Tables:

Spectrum Analyzer Parameters

	Subrange	Step Size	Detectors	Bandwidth	Sweep Time	Preamp
	Receiver: [ESW 44]					
	17 GHz - 26 GHz	500 kHz	PK+ ; AVG	1 MHz	1 s	0 dB

Frequency Range GHz = [17, 26]

Equipment Type = Digital Transmission System (DTS)

Active Port = 3

Subcarrier Mode = RU

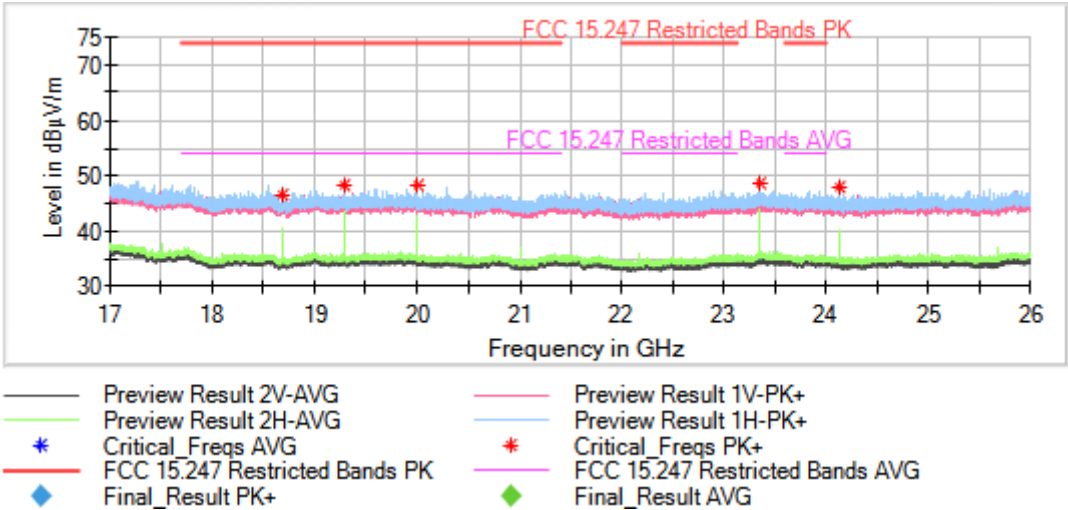
Operation Band MHz = [2400, 2483.5]

Frequency MHz = 2412.00000

Modulation = 802.11ax HE20 (OFDMA MCS0)

Resource Unit Tone/Index = 26/0

Images:



Tables:

Spectrum Analyzer Parameters

	Subrange	Step Size	Detectors	Bandwidth	Sweep Time	Preamp
	Receiver: [ESW 44]					
	17 GHz - 26 GHz	500 kHz	PK+ ; AVG	1 MHz	1 s	0 dB

Frequency Range GHz = [17, 26]

Equipment Type = Digital Transmission System (DTS)

Active Port = 3

Subcarrier Mode = SU

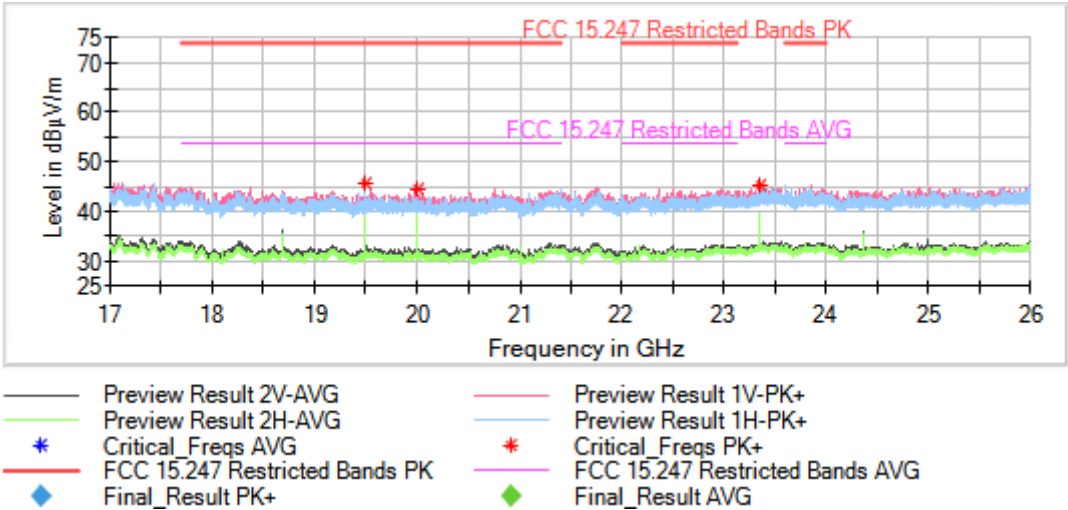
Operation Band MHz = [2400, 2483.5]

Frequency MHz = 2437.00000

Modulation = 802.11ax HE20 (OFDMA MCS0)

Resource Unit Tone/Index = 242/61

Images:



Tables:

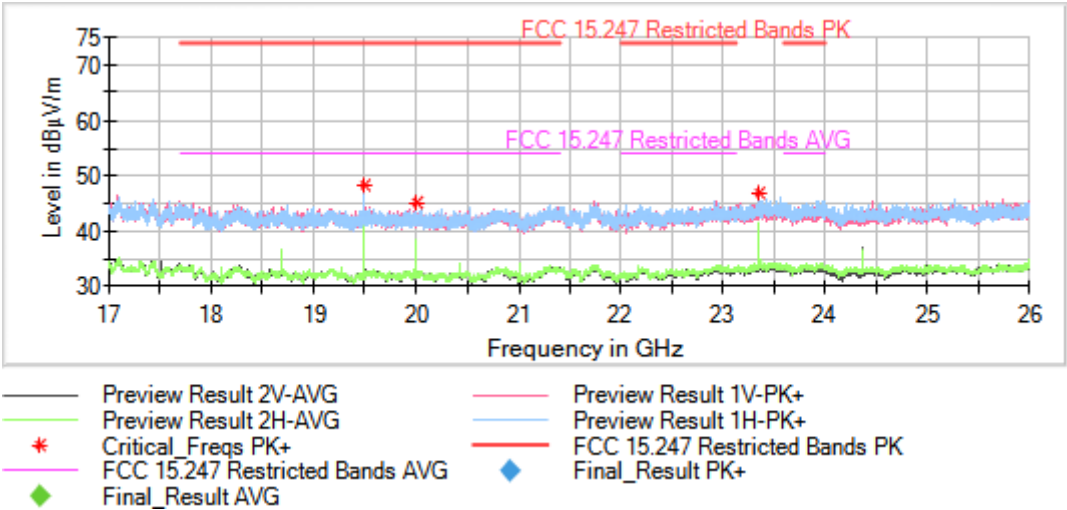
Spectrum Analyzer Parameters

	Subrange	Step Size	Detectors	Bandwidth	Sweep Time	Preamp
	Receiver: [ESW 44]					
	17 GHz - 26 GHz	500 kHz	PK+ ; AVG	1 MHz	1 s	0 dB

Frequency Range GHz = [17, 26]
Equipment Type = Digital Transmission System (DTS)
Active Port = 3
Subcarrier Mode = RU

Operation Band MHz = [2400, 2483.5]
Frequency MHz = 2437.00000
Modulation = 802.11ax HE20 (OFDMA MCS0)
Resource Unit Tone/Index = 26/3

Images:



Tables:

Spectrum Analyzer Parameters

	Subrange	Step Size	Detectors	Bandwidth	Sweep Time	Preamp
	Receiver: [ESW 44]					
	17 GHz - 26 GHz	500 kHz	PK+ ; AVG	1 MHz	1 s	0 dB

Frequency Range GHz = [17, 26]

Equipment Type = Digital Transmission System (DTS)

Active Port = 3

Subcarrier Mode = SU

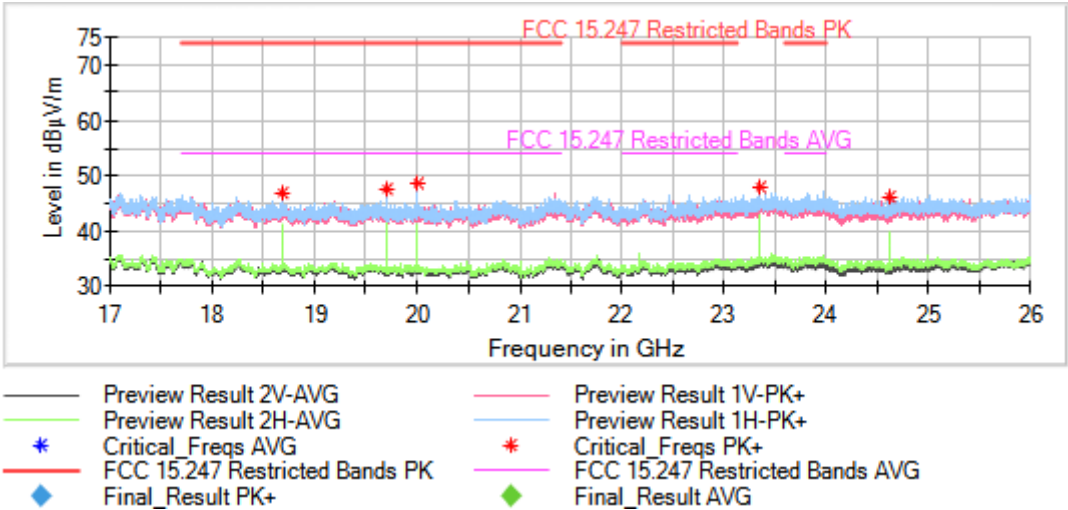
Operation Band MHz = [2400, 2483.5]

Frequency MHz = 2462.00000

Modulation = 802.11ax HE20 (OFDMA MCS0)

Resource Unit Tone/Index = 242/61

Images:



Tables:

Spectrum Analyzer Parameters

	Subrange	Step Size	Detectors	Bandwidth	Sweep Time	Preamp
	Receiver: [ESW 44]					
	17 GHz - 26 GHz	500 kHz	PK+ ; AVG	1 MHz	1 s	0 dB

Frequency Range GHz = [17, 26]

Equipment Type = Digital Transmission System (DTS)

Active Port = 3

Subcarrier Mode = RU

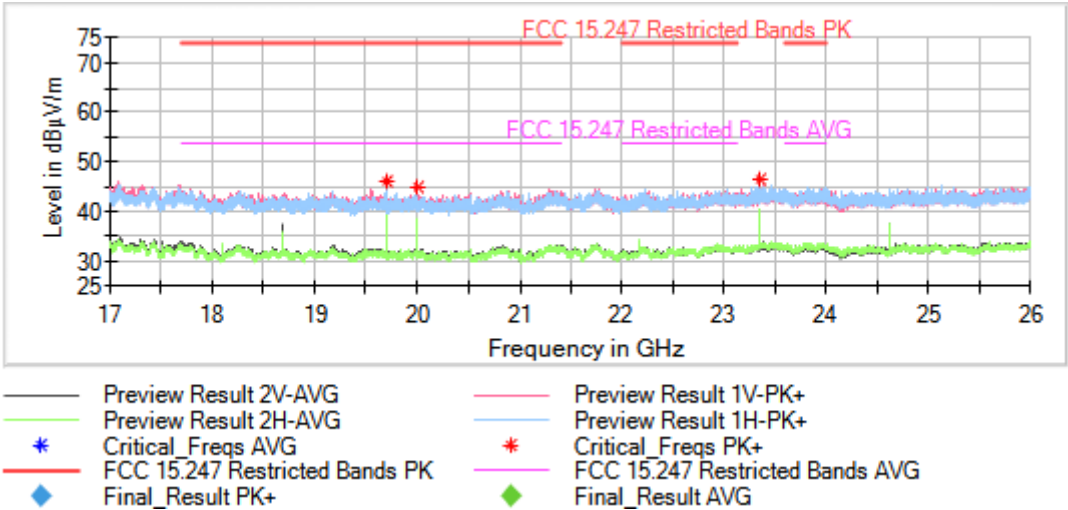
Operation Band MHz = [2400, 2483.5]

Frequency MHz = 2462.00000

Modulation = 802.11ax HE20 (OFDMA MCS0)

Resource Unit Tone/Index = 26/8

Images:



Tables:

Spectrum Analyzer Parameters

	Subrange	Step Size	Detectors	Bandwidth	Sweep Time	Preamp
	Receiver: [ESW 44]					
	17 GHz - 26 GHz	500 kHz	PK+ ; AVG	1 MHz	1 s	0 dB

Frequency Range GHz = [1, 3]

Operation Band MHz = [2400, 2483.5]

Equipment Type = Digital Transmission System (DTS)

Frequency MHz = 2412.00000

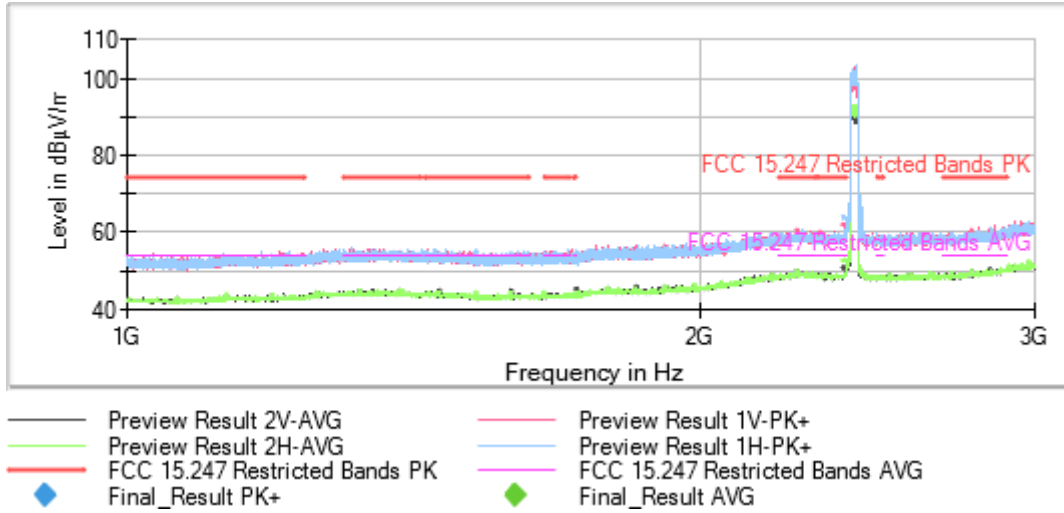
Active Port = 3+4

Modulation = 802.11ax HE20 (OFDMA MCS0)

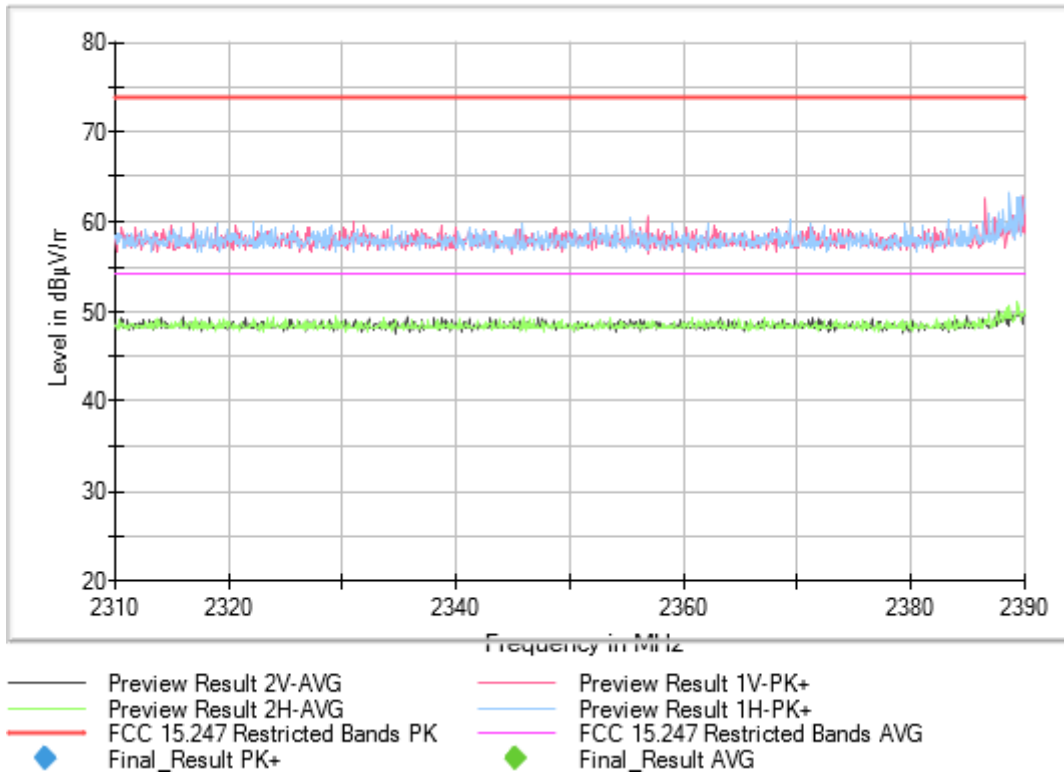
Subcarrier Mode = SU

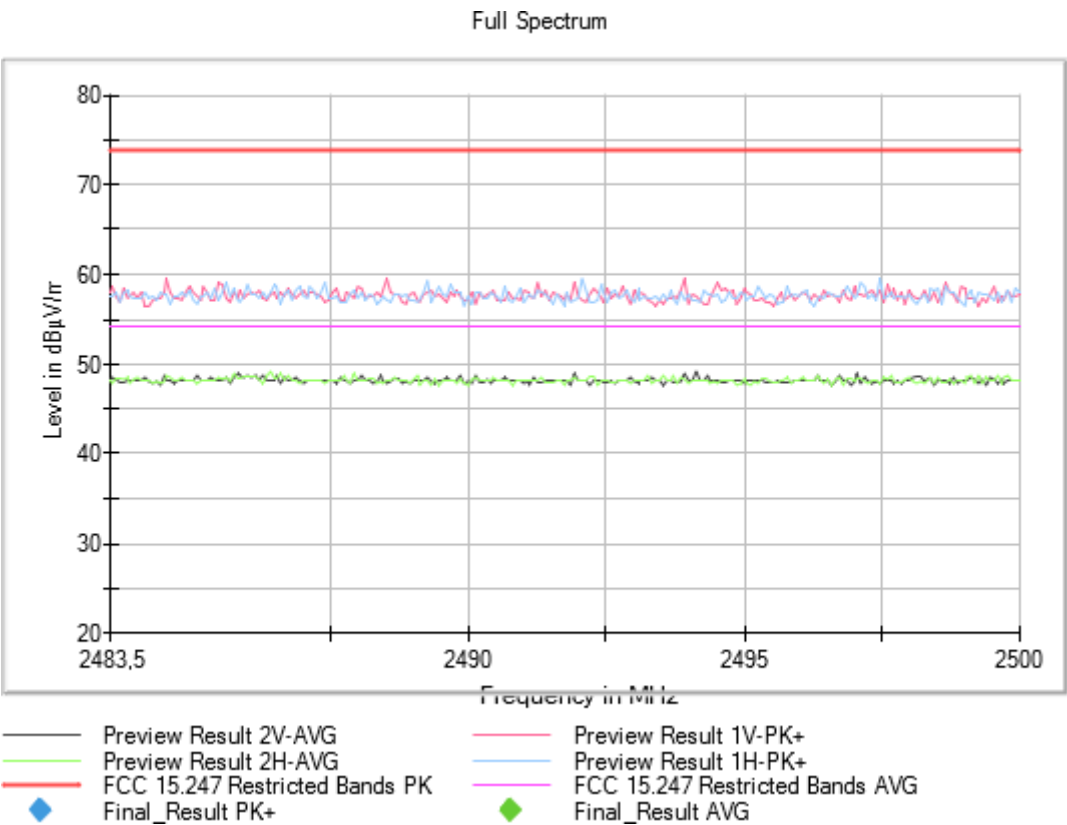
Resource Unit Tone/Index = 242/61

Images:



Full Spectrum





Tables:
Spectrum Analyzer Parameters

	Subrange	Step Size	Detectors	Bandwidth	Sweep Time	Preamp
	Receiver: [ESW 44]					
	1 GHz - 3 GHz	66,667 kHz	PK+ ; AVG	1 MHz	1 s	0 dB

Frequency Range GHz = [1, 3]

Operation Band MHz = [2400, 2483.5]

Equipment Type = Digital Transmission System (DTS)

Frequency MHz = 2412.00000

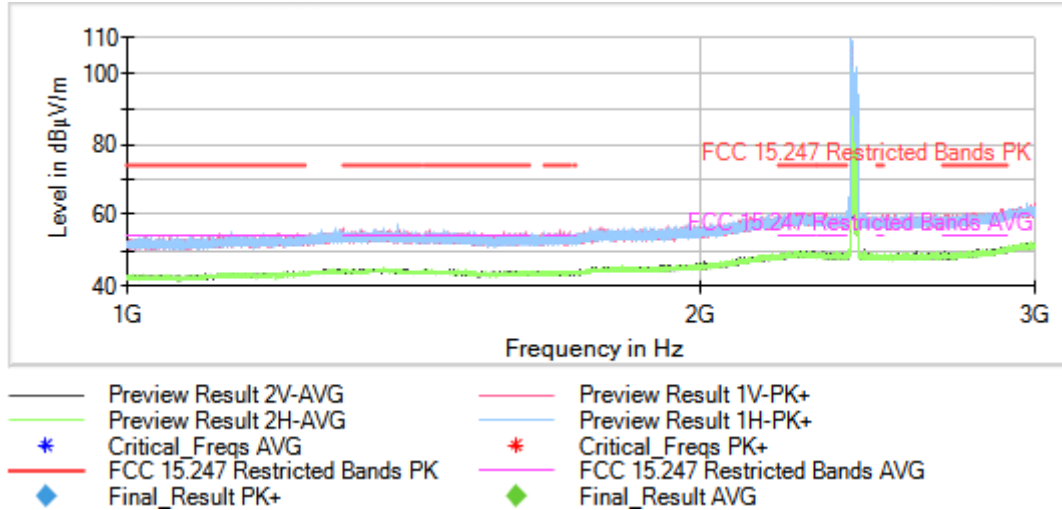
Active Port = 3+4

Modulation = 802.11ax HE20 (OFDMA MCS0)

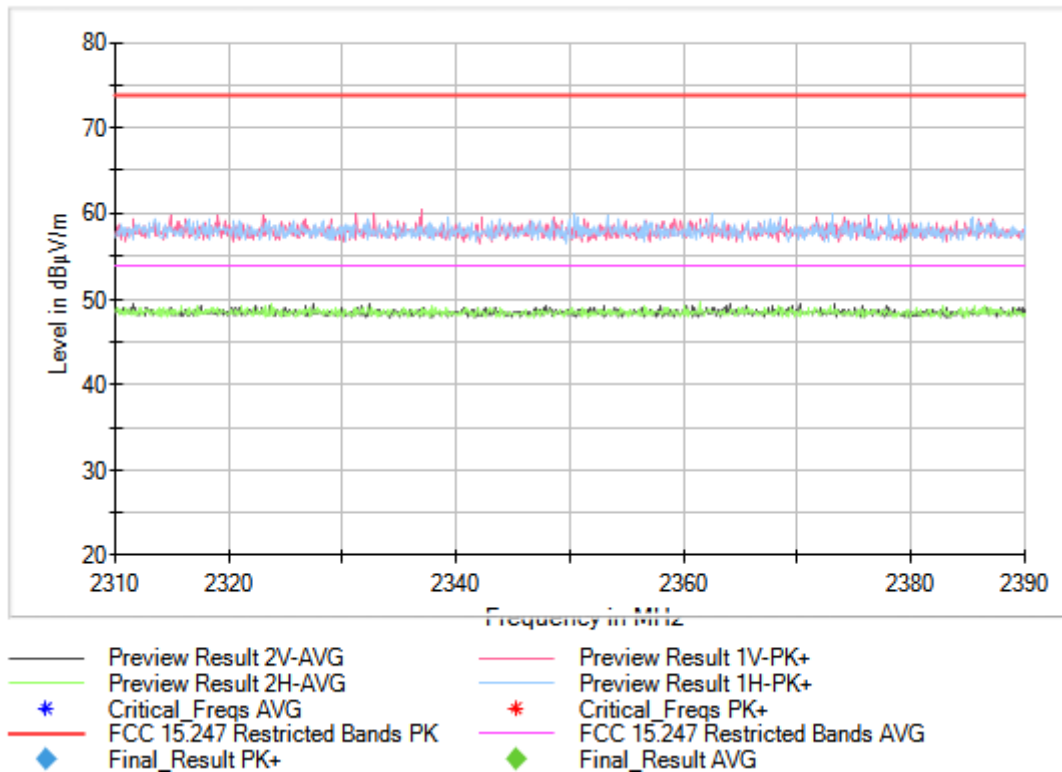
Subcarrier Mode = RU

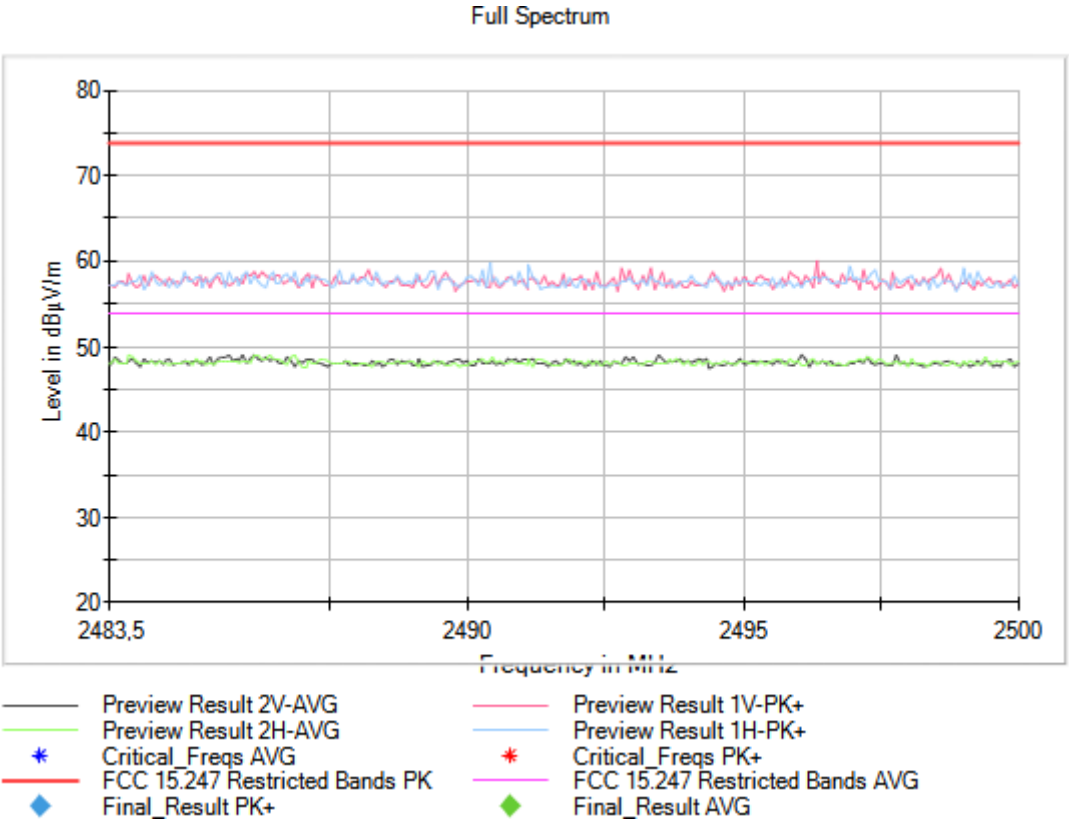
Resource Unit Tone/Index = 26/0

Images:



Full Spectrum





Tables:
Spectrum Analyzer Parameters

	Subrange	Step Size	Detectors	Bandwidth	Sweep Time	Preamp
	Receiver: [ESW 44]					
	1 GHz - 3 GHz	66,667 kHz	PK+ ; AVG	1 MHz	1 s	0 dB

Frequency Range GHz = [1, 3]

Operation Band MHz = [2400, 2483.5]

Equipment Type = Digital Transmission System (DTS)

Frequency MHz = 2437.00000

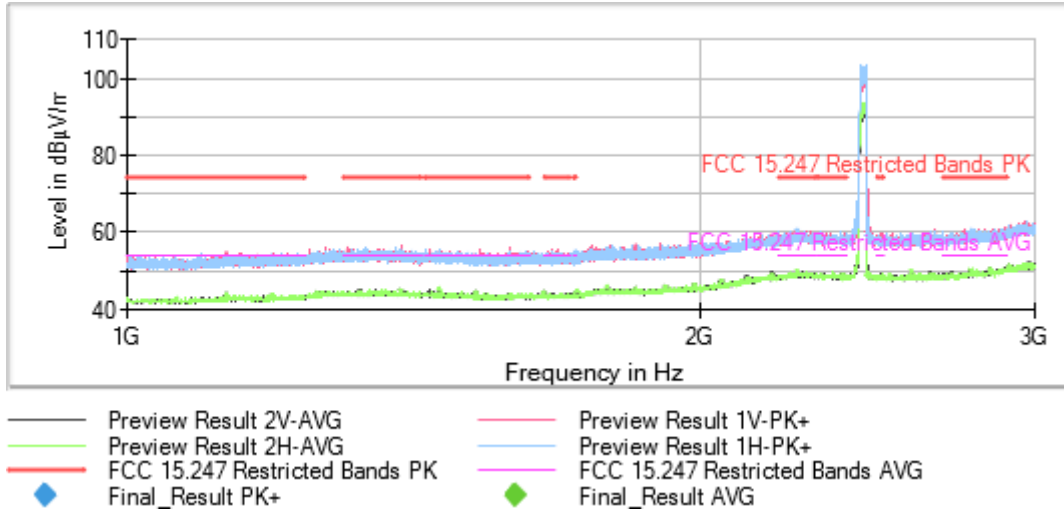
Active Port = 3+4

Modulation = 802.11ax HE20 (OFDMA MCS0)

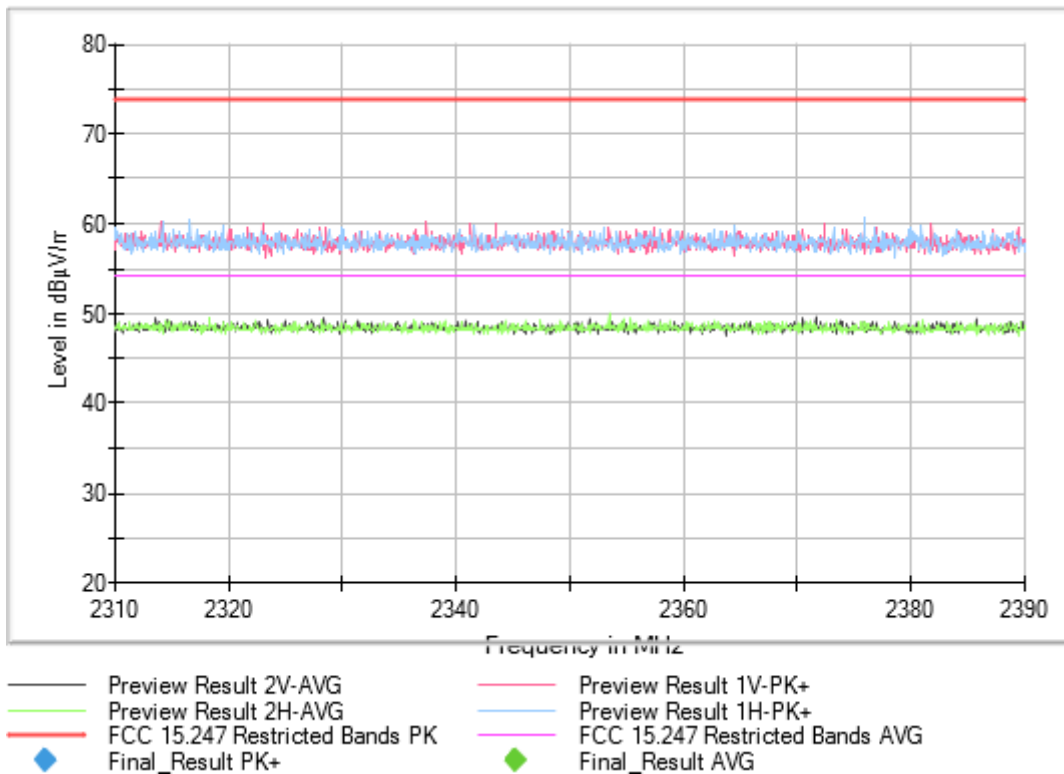
Subcarrier Mode = SU

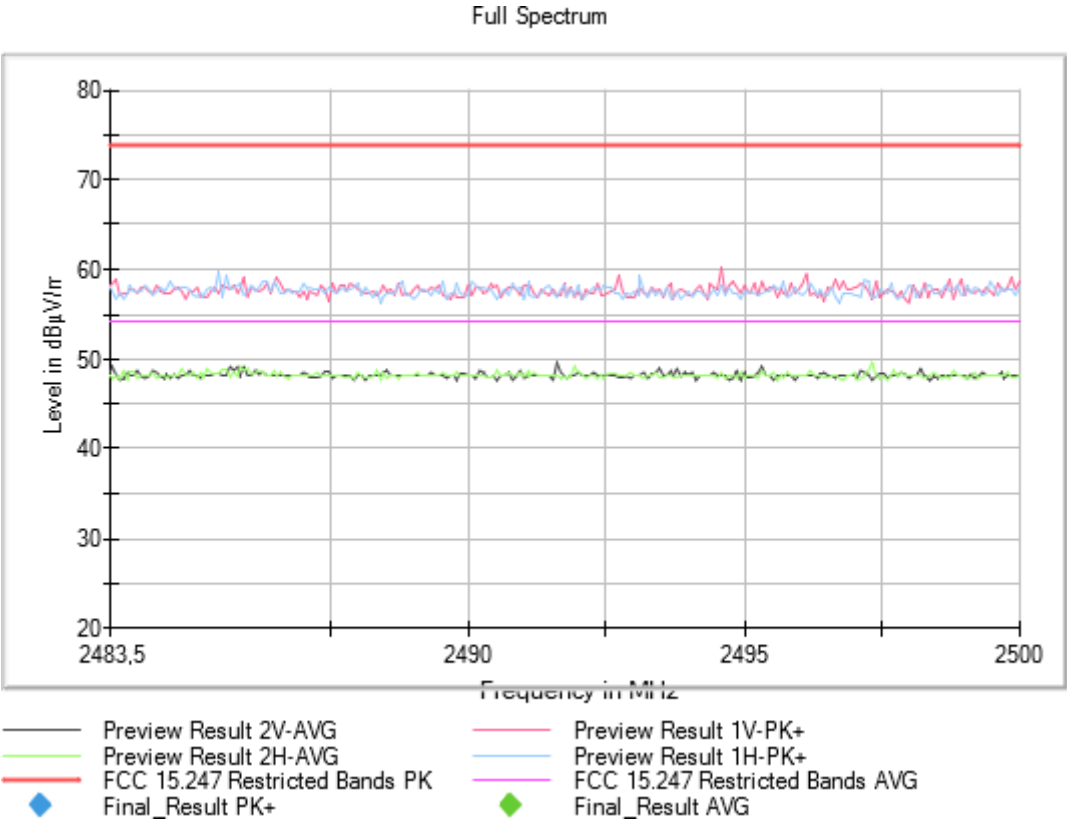
Resource Unit Tone/Index = 242/61

Images:



Full Spectrum





Tables:
Spectrum Analyzer Parameters

	Subrange	Step Size	Detectors	Bandwidth	Sweep Time	Preamp
	Receiver: [ESW 44]					
	1 GHz - 3 GHz	66,667 kHz	PK+ ; AVG	1 MHz	1 s	0 dB

Frequency Range GHz = [1, 3]

Operation Band MHz = [2400, 2483.5]

Equipment Type = Digital Transmission System (DTS)

Frequency MHz = 2437.00000

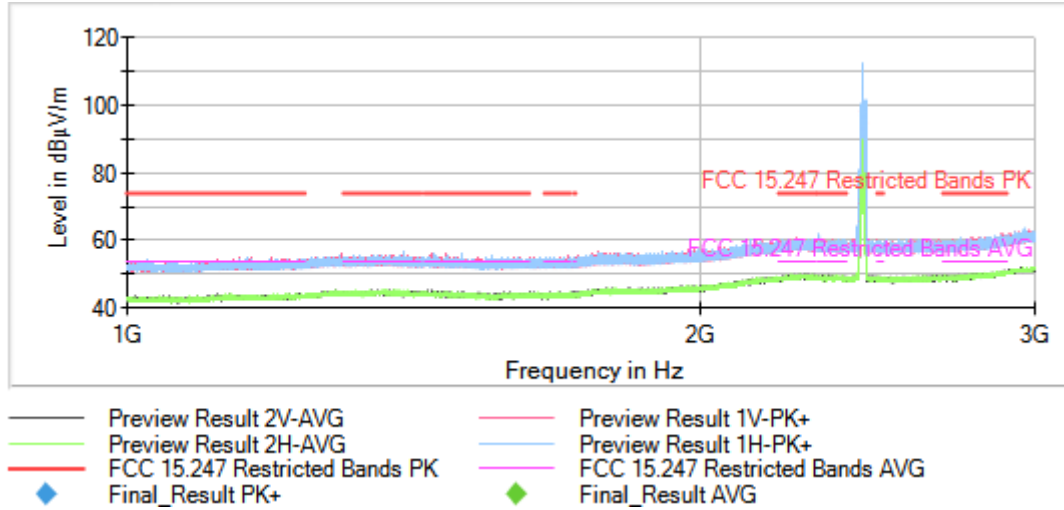
Active Port = 3+4

Modulation = 802.11ax HE20 (OFDMA MCS0)

Subcarrier Mode = RU

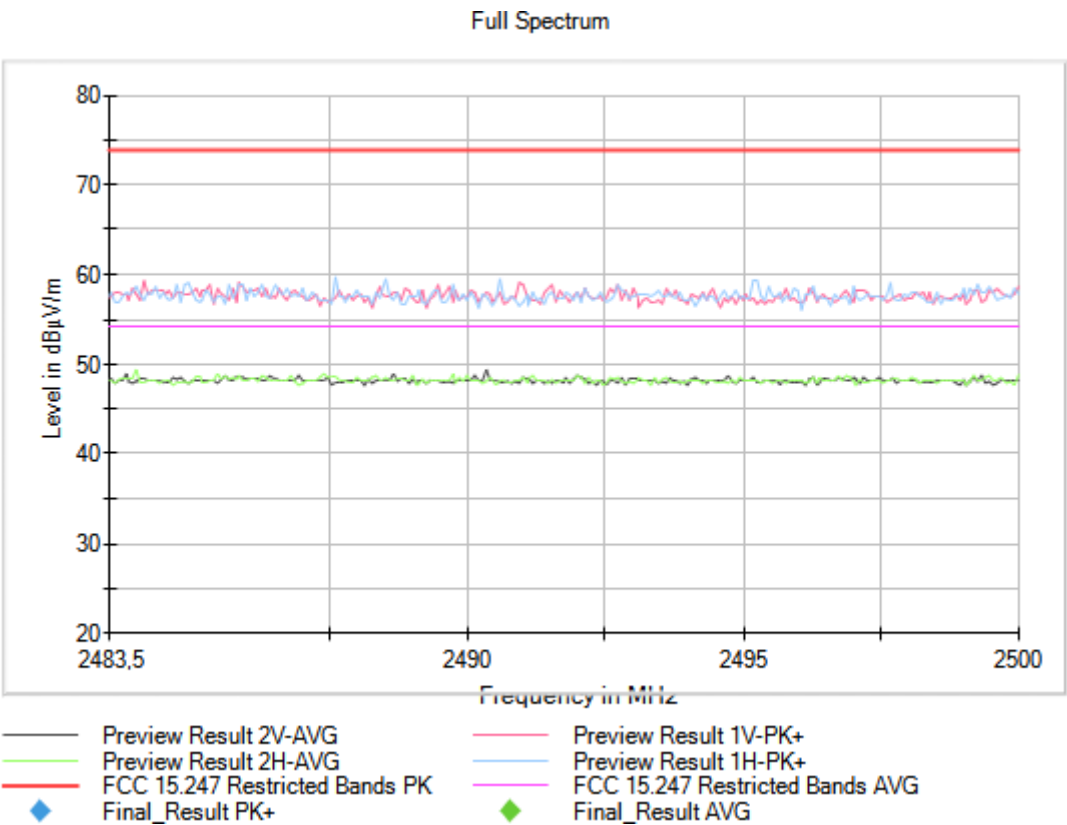
Resource Unit Tone/Index = 26/3

Images:



Full Spectrum





Tables:
Spectrum Analyzer Parameters

	Subrange	Step Size	Detectors	Bandwidth	Sweep Time	Preamp
	Receiver: [ESW 44]					
	1 GHz - 3 GHz	66,667 kHz	PK+ ; AVG	1 MHz	1 s	0 dB

Frequency Range GHz = [1, 3]

Operation Band MHz = [2400, 2483.5]

Equipment Type = Digital Transmission System (DTS)

Frequency MHz = 2462.00000

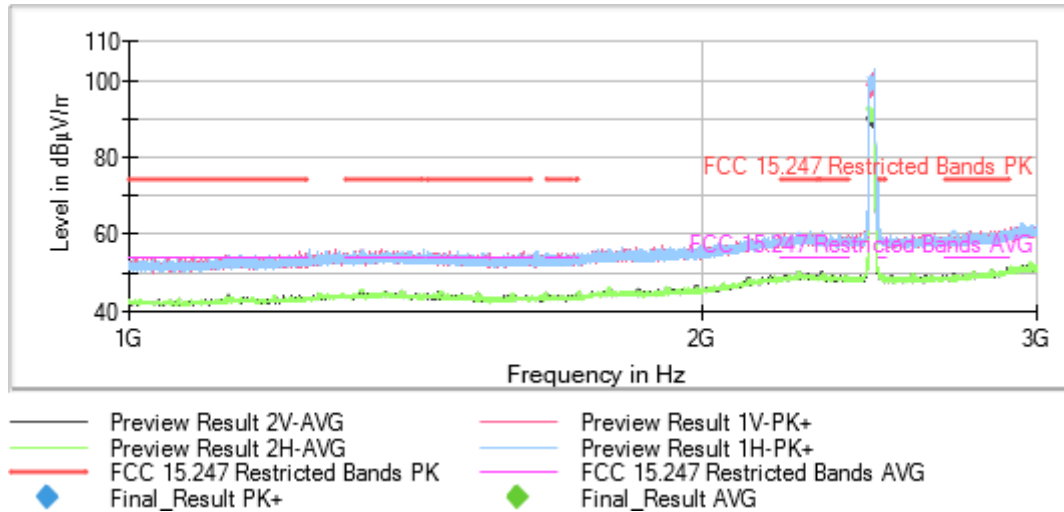
Active Port = 3+4

Modulation = 802.11ax HE20 (OFDMA MCS0)

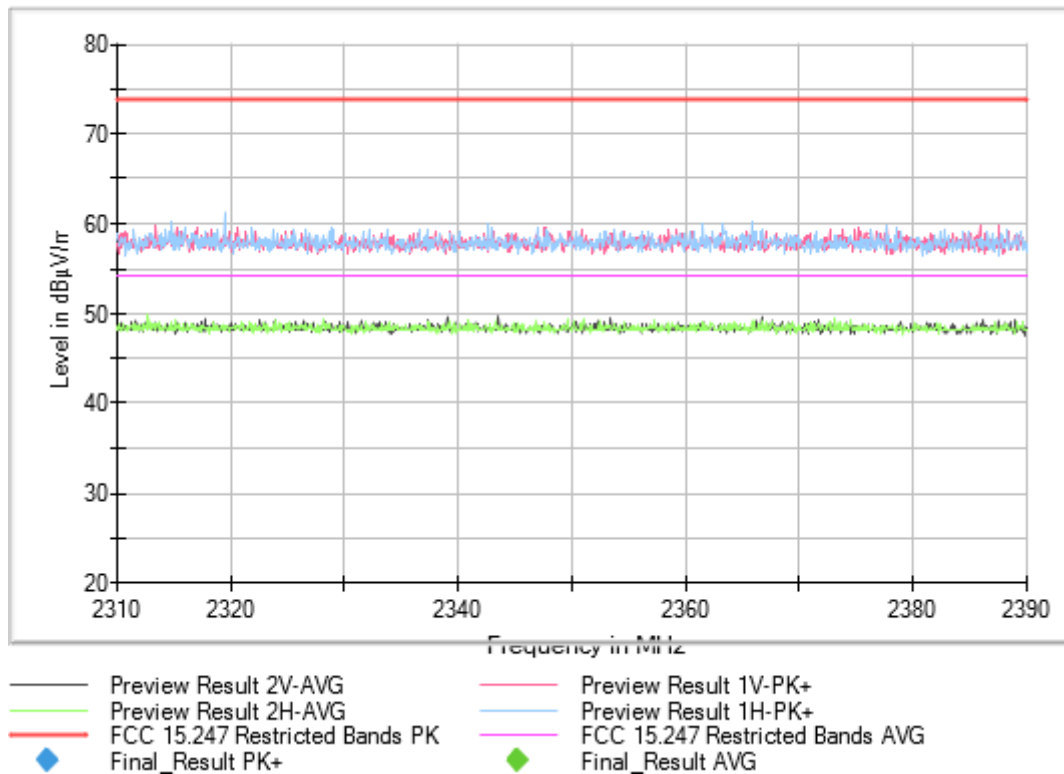
Subcarrier Mode = SU

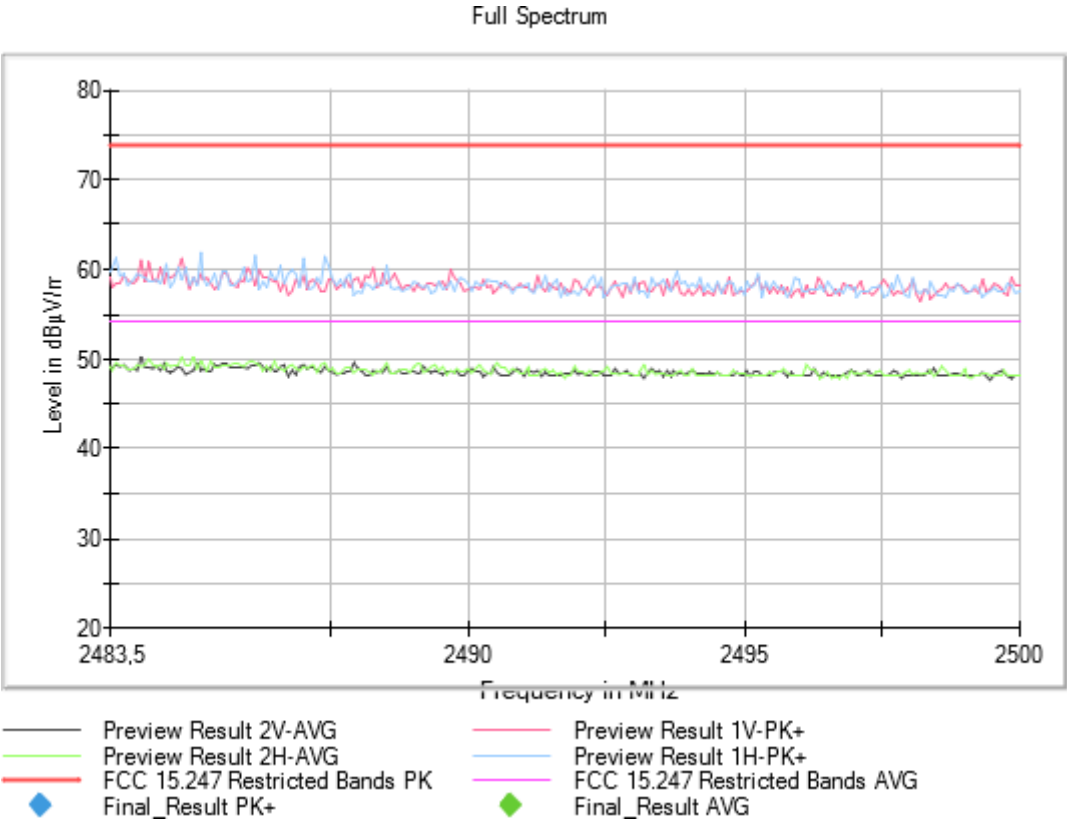
Resource Unit Tone/Index = 242/61

Images:



Full Spectrum





Tables:
Spectrum Analyzer Parameters

	Subrange	Step Size	Detectors	Bandwidth	Sweep Time	Preamp
	Receiver: [ESW 44]					
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Frequency Range GHz = [1, 3]

Equipment Type = Digital Transmission System (DTS)

Active Port = 3+4

Subcarrier Mode = RU

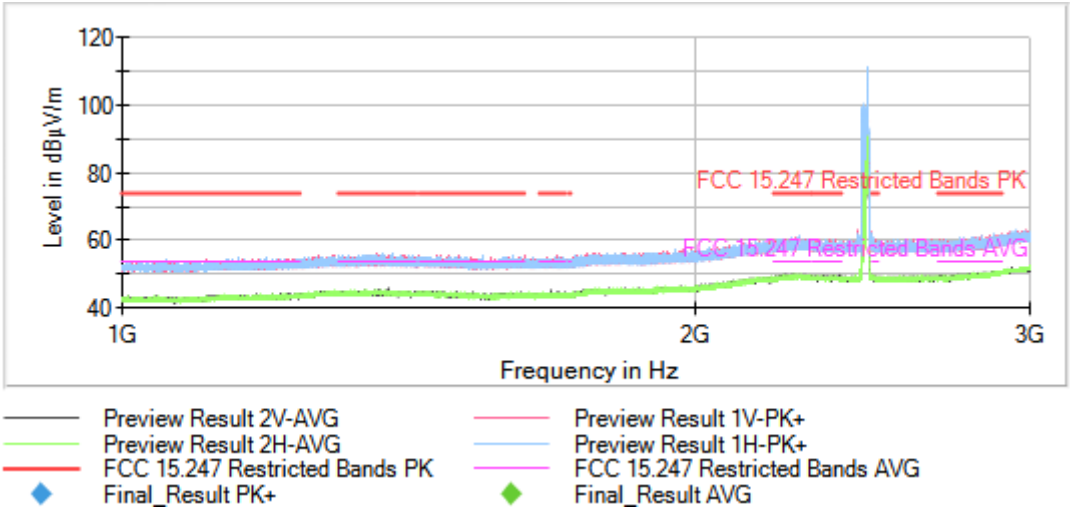
Operation Band MHz = [2400, 2483.5]

Frequency MHz = 2462.00000

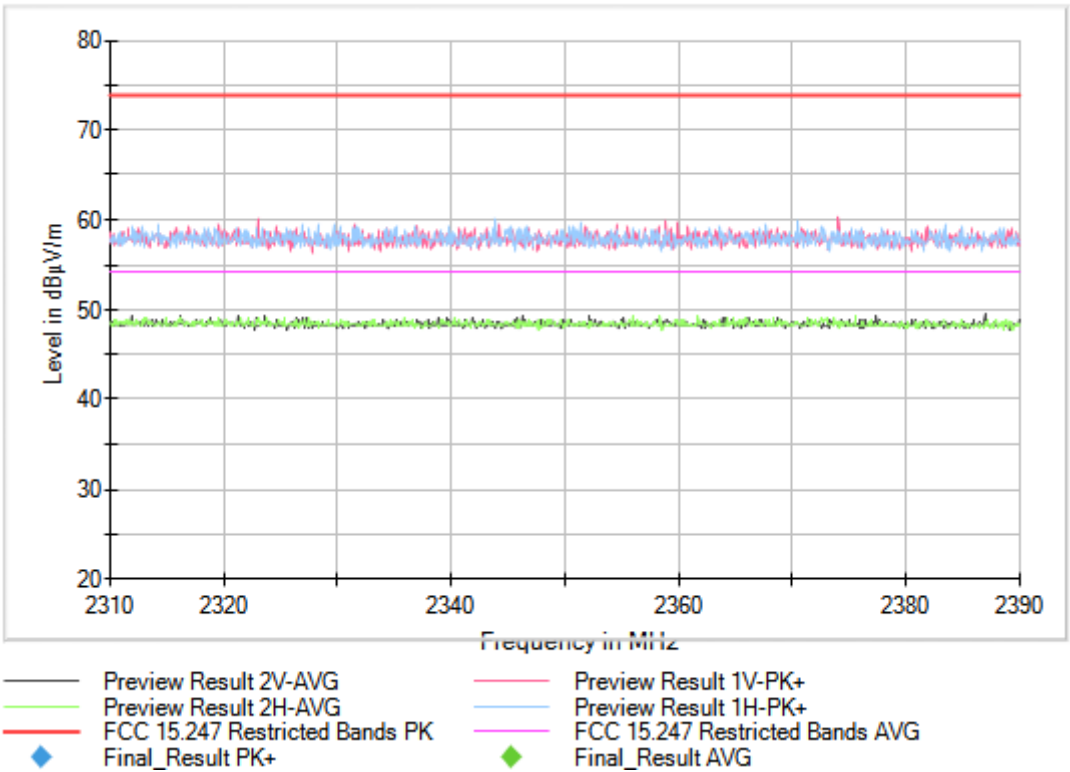
Modulation = 802.11ax HE20 (OFDMA MCS0)

Resource Unit Tone/Index = 26/8

Images:



Full Spectrum





Tables:
Spectrum Analyzer Parameters

	Subrange	Step Size	Detectors	Bandwidth	Sweep Time	Preamp
	Receiver: [ESW 44]					
	1 GHz - 3 GHz	66,667 kHz	PK+ ; AVG	1 MHz	1 s	0 dB

Frequency Range GHz = [3, 17]

Equipment Type = Digital Transmission System (DTS)

Active Port = 3+4

Subcarrier Mode = SU

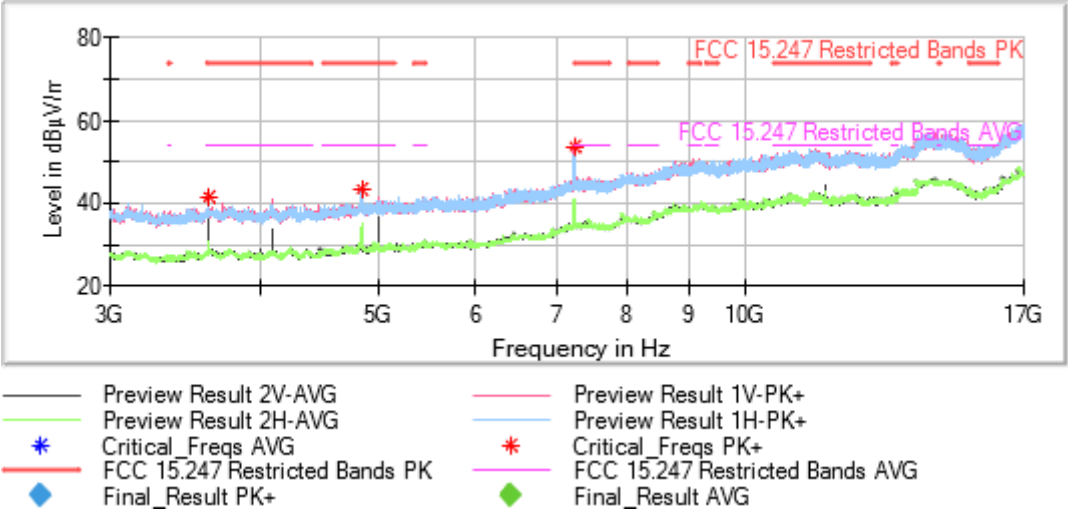
Operation Band MHz = [2400, 2483.5]

Frequency MHz = 2412.00000

Modulation = 802.11ax HE20 (OFDMA MCS0)

Resource Unit Tone/Index = 242/61

Images:



Tables:

Spectrum Analyzer Parameters

	Subrange	Step Size	Detectors	Bandwidth	Sweep Time	Preamp
	Receiver: [ESW 44]					
	3 GHz - 17 GHz	500 kHz	PK+ ; AVG	1 MHz	1 s	0 dB

Frequency Range GHz = [3, 17]

Equipment Type = Digital Transmission System (DTS)

Active Port = 3+4

Subcarrier Mode = RU

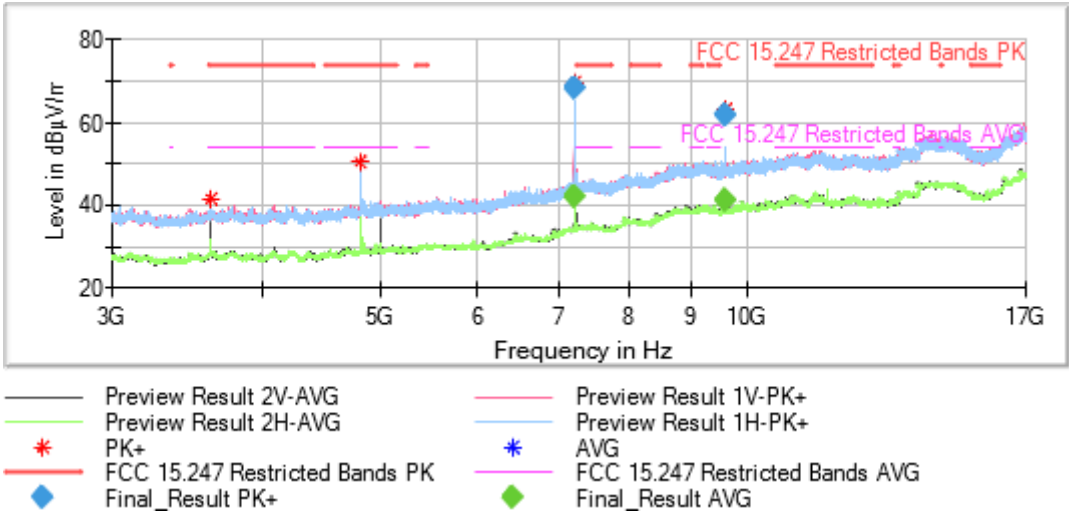
Operation Band MHz = [2400, 2483.5]

Frequency MHz = 2412.00000

Modulation = 802.11ax HE20 (OFDMA MCS0)

Resource Unit Tone/Index = 26/0

Images:



Tables:

Spectrum Analyzer Parameters

	Subrange	Step Size	Detectors	Bandwidth	Sweep Time	Preamp
	Receiver: [ESW 44]					
	3 GHz - 17 GHz	500 kHz	PK+ ; AVG	1 MHz	1 s	0 dB

Frequency Range GHz = [3, 17]

Equipment Type = Digital Transmission System (DTS)

Active Port = 3+4

Subcarrier Mode = SU

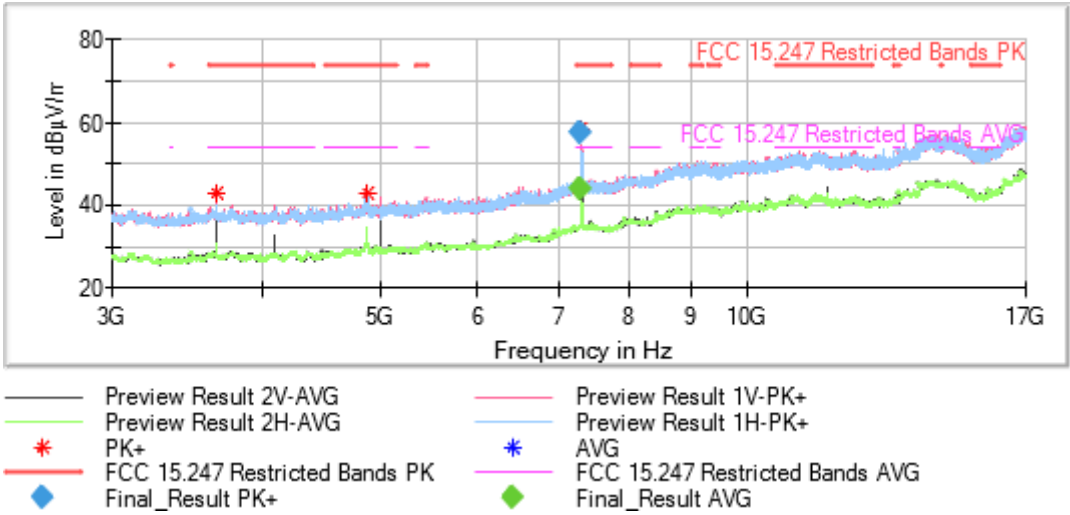
Operation Band MHz = [2400, 2483.5]

Frequency MHz = 2437.00000

Modulation = 802.11ax HE20 (OFDMA MCS0)

Resource Unit Tone/Index = 242/61

Images:



Tables:

Spectrum Analyzer Parameters

	Subrange	Step Size	Detectors	Bandwidth	Sweep Time	Preamp
	Receiver: [ESW 44]					
	3 GHz - 17 GHz	500 kHz	PK+ ; AVG	1 MHz	1 s	0 dB

Frequency Range GHz = [3, 17]

Equipment Type = Digital Transmission System (DTS)

Active Port = 3+4

Subcarrier Mode = RU

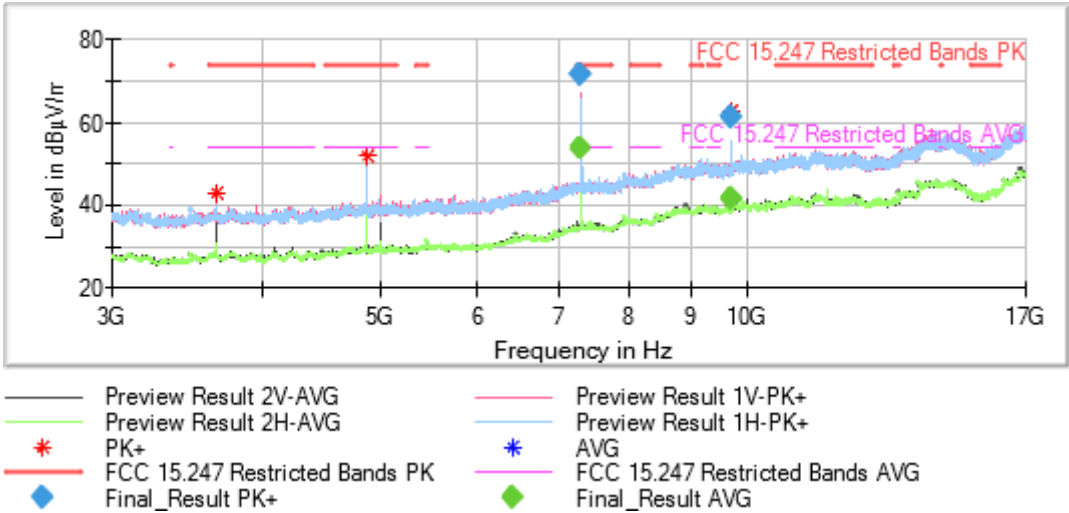
Operation Band MHz = [2400, 2483.5]

Frequency MHz = 2437.00000

Modulation = 802.11ax HE20 (OFDMA MCS0)

Resource Unit Tone/Index = 26/3

Images:



Tables:

Spectrum Analyzer Parameters

	Subrange	Step Size	Detectors	Bandwidth	Sweep Time	Preamp
	Receiver: [ESW 44]					
	3 GHz - 17 GHz	500 kHz	PK+ ; AVG	1 MHz	1 s	0 dB

Frequency Range GHz = [3, 17]

Equipment Type = Digital Transmission System (DTS)

Active Port = 3+4

Subcarrier Mode = SU

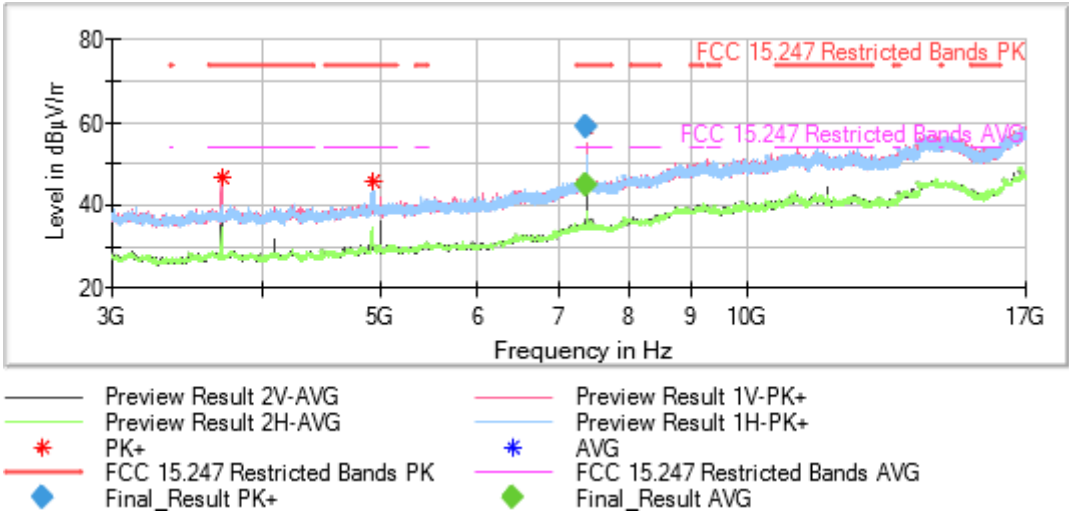
Operation Band MHz = [2400, 2483.5]

Frequency MHz = 2462.00000

Modulation = 802.11ax HE20 (OFDMA MCS0)

Resource Unit Tone/Index = 242/61

Images:



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Spectrum Analyzer Parameters

	Subrange	Step Size	Detectors	Bandwidth	Sweep Time	Preamp
	Receiver: [ESW 44]					
	3 GHz - 17 GHz	500 kHz	PK+ ; AVG	1 MHz	1 s	0 dB

Frequency Range GHz = [3, 17]

Equipment Type = Digital Transmission System (DTS)

Active Port = 3+4

Subcarrier Mode = RU

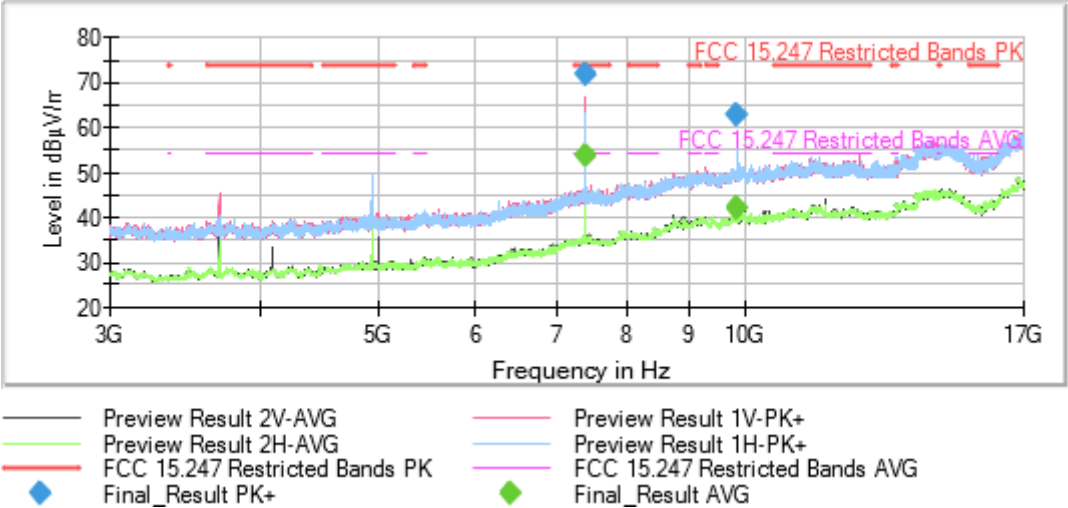
Operation Band MHz = [2400, 2483.5]

Frequency MHz = 2462.00000

Modulation = 802.11ax HE20 (OFDMA MCS0)

Resource Unit Tone/Index = 26/8

Images:



Tables:

Spectrum Analyzer Parameters

	Subrange	Step Size	Detectors	Bandwidth	Sweep Time	Preamp
	Receiver: [ESW 44]					
	3 GHz - 17 GHz	500 kHz	PK+ ; AVG	1 MHz	1 s	0 dB

Frequency Range GHz = [17, 26]

Equipment Type = Digital Transmission System (DTS)

Active Port = 3+4

Subcarrier Mode = SU

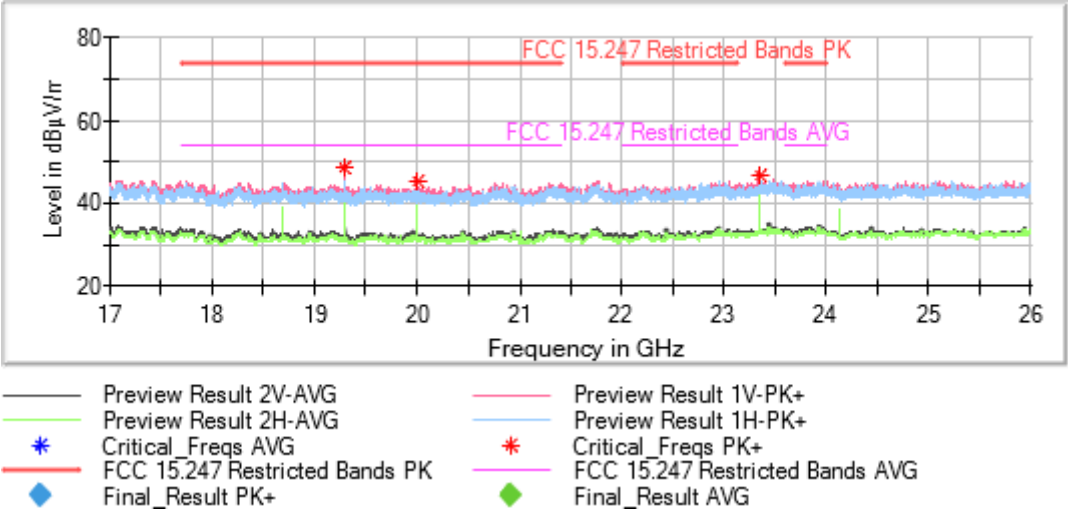
Operation Band MHz = [2400, 2483.5]

Frequency MHz = 2412.00000

Modulation = 802.11ax HE20 (OFDMA MCS0)

Resource Unit Tone/Index = 242/61

Images:



Tables:

Spectrum Analyzer Parameters

	Subrange	Step Size	Detectors	Bandwidth	Sweep Time	Preamp
	Receiver: [ESW 44]					
	17 GHz - 26 GHz	500 kHz	PK+ ; AVG	1 MHz	1 s	0 dB

Frequency Range GHz = [17, 26]

Equipment Type = Digital Transmission System (DTS)

Active Port = 3+4

Subcarrier Mode = RU

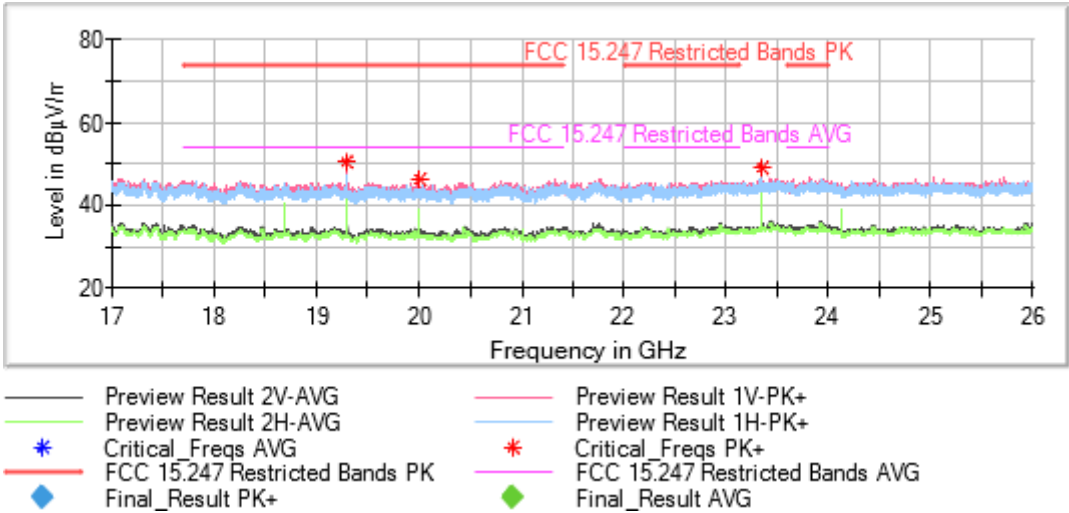
Operation Band MHz = [2400, 2483.5]

Frequency MHz = 2412.00000

Modulation = 802.11ax HE20 (OFDMA MCS0)

Resource Unit Tone/Index = 26/0

Images:



Tables:

Spectrum Analyzer Parameters

	Subrange	Step Size	Detectors	Bandwidth	Sweep Time	Preamp
	Receiver: [ESW 44]					
	17 GHz - 26 GHz	500 kHz	PK+ ; AVG	1 MHz	1 s	0 dB

Frequency Range GHz = [17, 26]

Equipment Type = Digital Transmission System (DTS)

Active Port = 3+4

Subcarrier Mode = SU

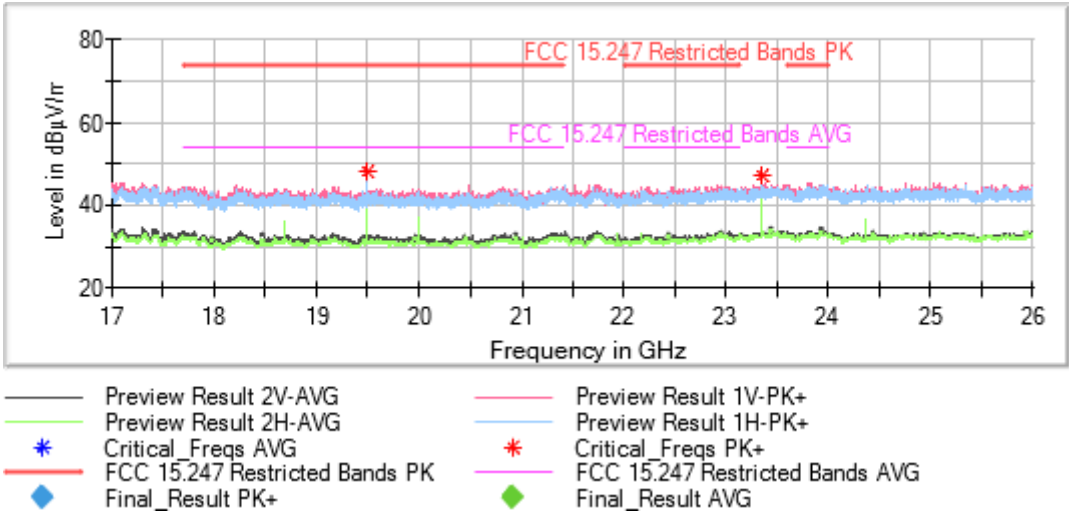
Operation Band MHz = [2400, 2483.5]

Frequency MHz = 2437.00000

Modulation = 802.11ax HE20 (OFDMA MCS0)

Resource Unit Tone/Index = 242/61

Images:



Tables:

Spectrum Analyzer Parameters

	Subrange	Step Size	Detectors	Bandwidth	Sweep Time	Preamp
	Receiver: [ESW 44]					
	17 GHz - 26 GHz	500 kHz	PK+ ; AVG	1 MHz	1 s	0 dB

Frequency Range GHz = [17, 26]

Equipment Type = Digital Transmission System (DTS)

Active Port = 3+4

Subcarrier Mode = RU

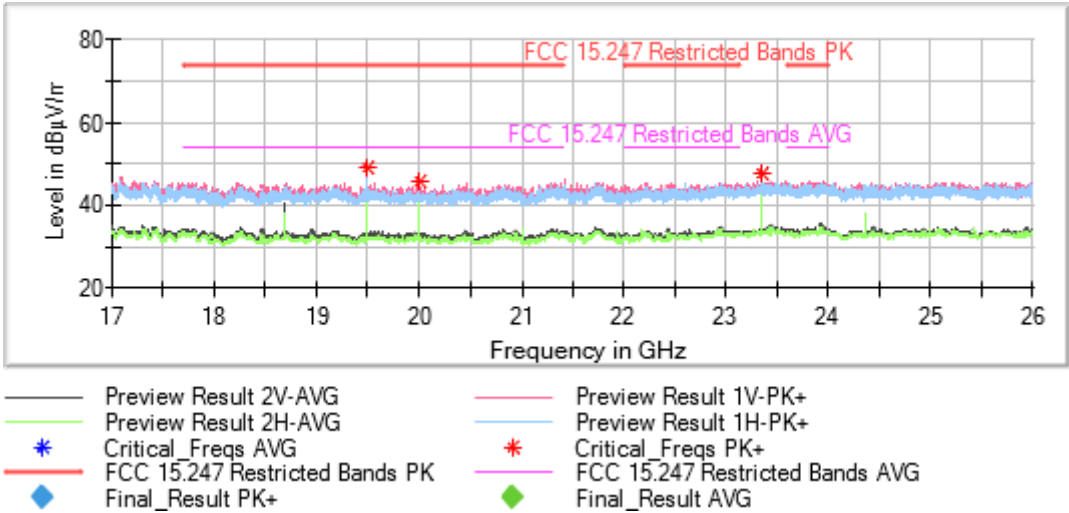
Operation Band MHz = [2400, 2483.5]

Frequency MHz = 2437.00000

Modulation = 802.11ax HE20 (OFDMA MCS0)

Resource Unit Tone/Index = 26/3

Images:



Tables:

Spectrum Analyzer Parameters

	Subrange	Step Size	Detectors	Bandwidth	Sweep Time	Preamp
	Receiver: [ESW 44]					
	17 GHz - 26 GHz	500 kHz	PK+ ; AVG	1 MHz	1 s	0 dB

Frequency Range GHz = [17, 26]

Equipment Type = Digital Transmission System (DTS)

Active Port = 3+4

Subcarrier Mode = SU

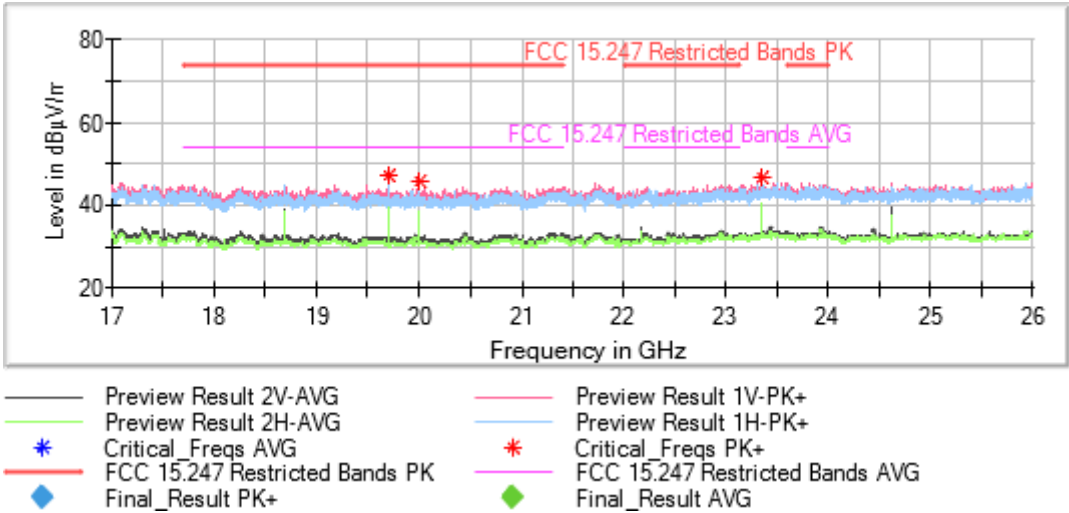
Operation Band MHz = [2400, 2483.5]

Frequency MHz = 2462.00000

Modulation = 802.11ax HE20 (OFDMA MCS0)

Resource Unit Tone/Index = 242/61

Images:



Tables:

Spectrum Analyzer Parameters

	Subrange	Step Size	Detectors	Bandwidth	Sweep Time	Preamp
	Receiver: [ESW 44]					
	17 GHz - 26 GHz	500 kHz	PK+ ; AVG	1 MHz	1 s	0 dB

Frequency Range GHz = [17, 26]

Equipment Type = Digital Transmission System (DTS)

Active Port = 3+4

Subcarrier Mode = RU

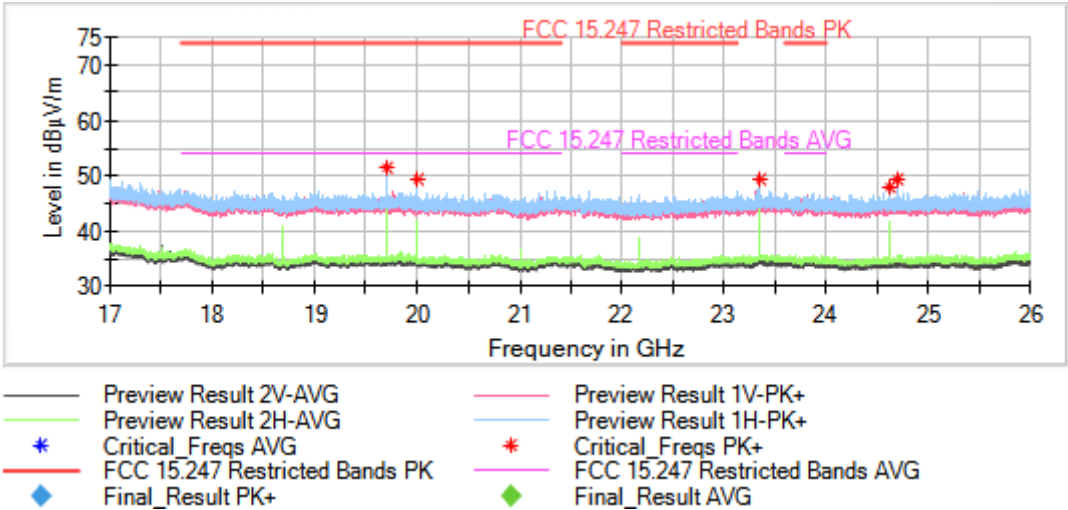
Operation Band MHz = [2400, 2483.5]

Frequency MHz = 2462.00000

Modulation = 802.11ax HE20 (OFDMA MCS0)

Resource Unit Tone/Index = 26/8

Images:



Tables:

Spectrum Analyzer Parameters

	Subrange	Step Size	Detectors	Bandwidth	Sweep Time	Preamp
	Receiver: [ESW 44]					
	17 GHz - 26 GHz	500 kHz	PK+ ; AVG	1 MHz	1 s	0 dB

[Psd] Power Spectral Density

Limits

For digitally modulated systems, the power spectral density conducted from the intentional radiator to the antenna shall not be greater than 8 dBm in any 3 kHz band during any time interval of continuous transmission.

Modulation: 802.11b (DSSS 1 Mbit/s)

Results

Operation Band (MHz)	Equipment	Freq (MHz)	Port	PSD (dBm)
[2400, 2483.5]	Digital Transmission System (DTS)	2412.00000	3	-12.16
		2437.00000		-11.42
		2462.00000		-11.63

Verdict

Pass

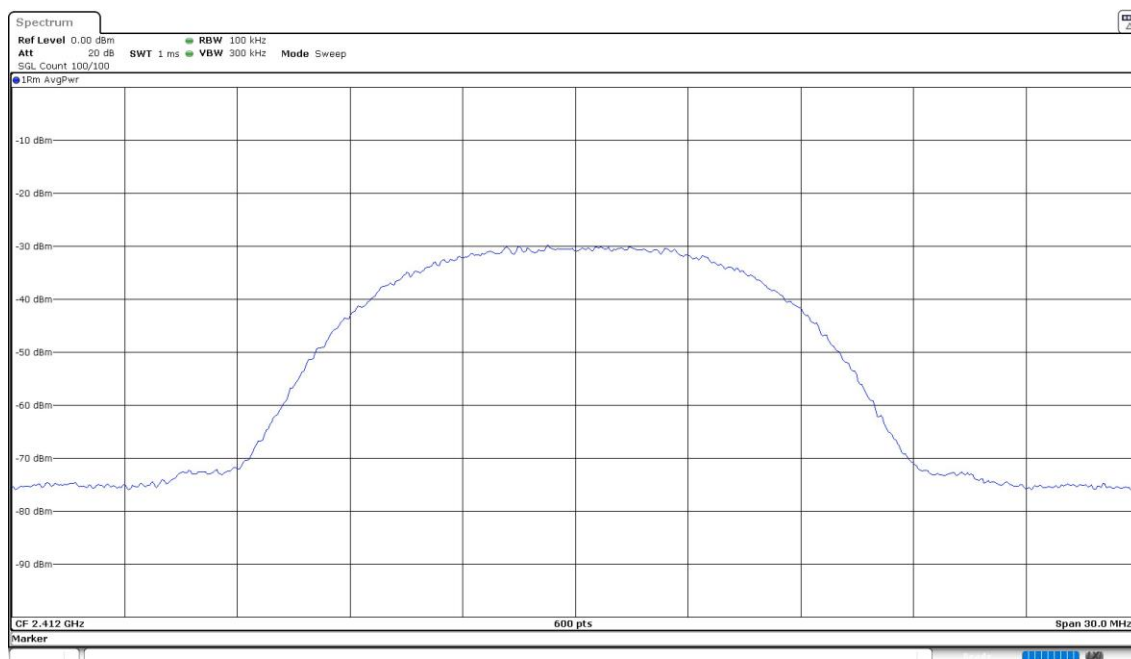
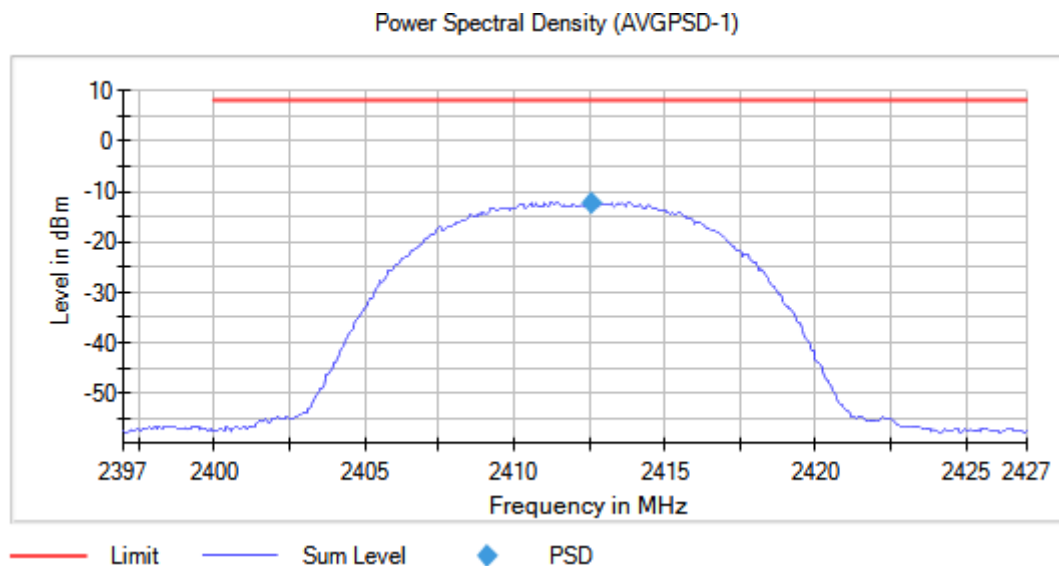
Attachments

Operation Band MHz = [2400, 2483.5] Equipment Type = Digital Transmission System (DTS)

Frequency MHz = 2412.00000 Active Port = 3

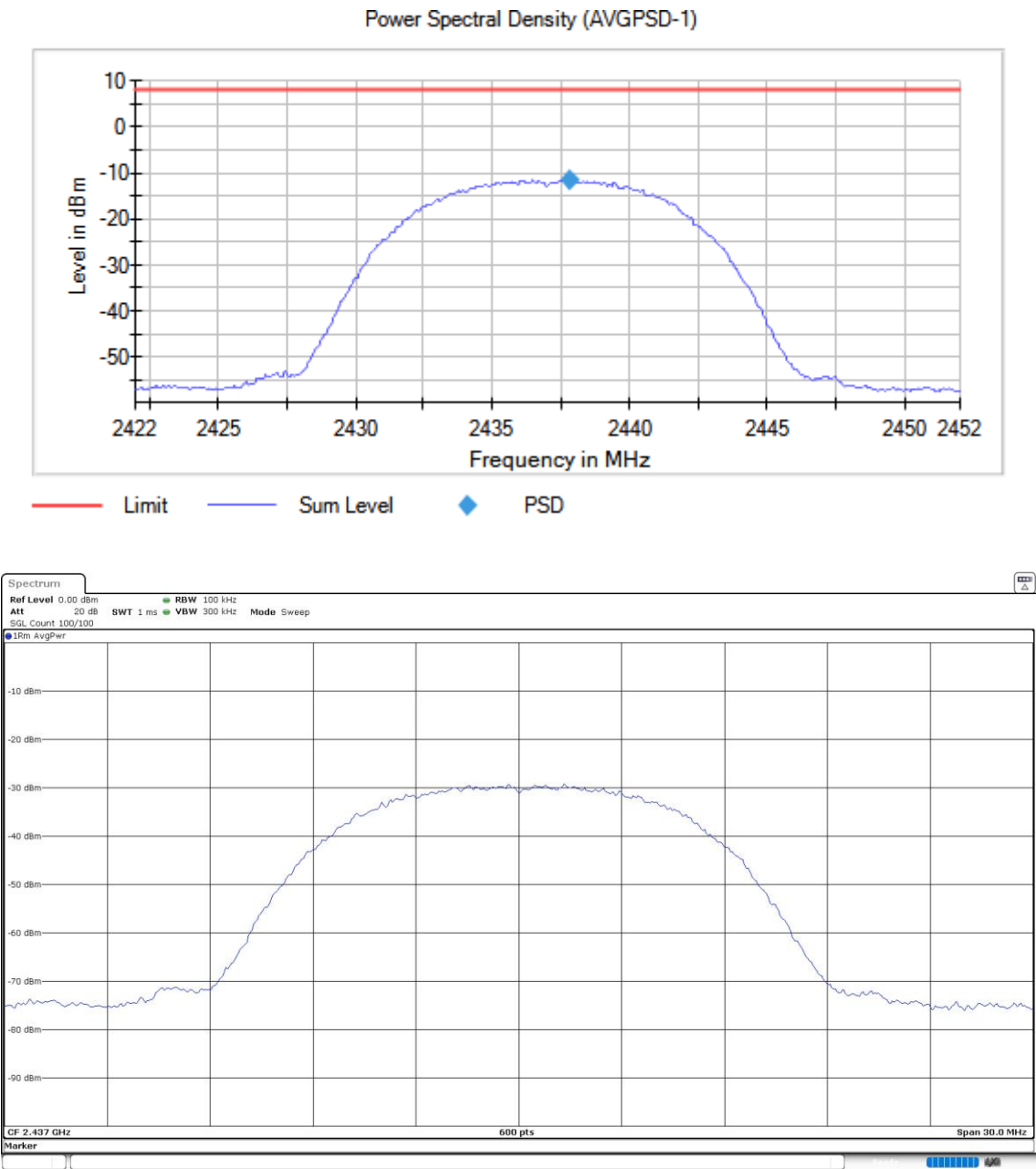
Modulation = 802.11b (DSSS 1 Mbit/s)

Images:



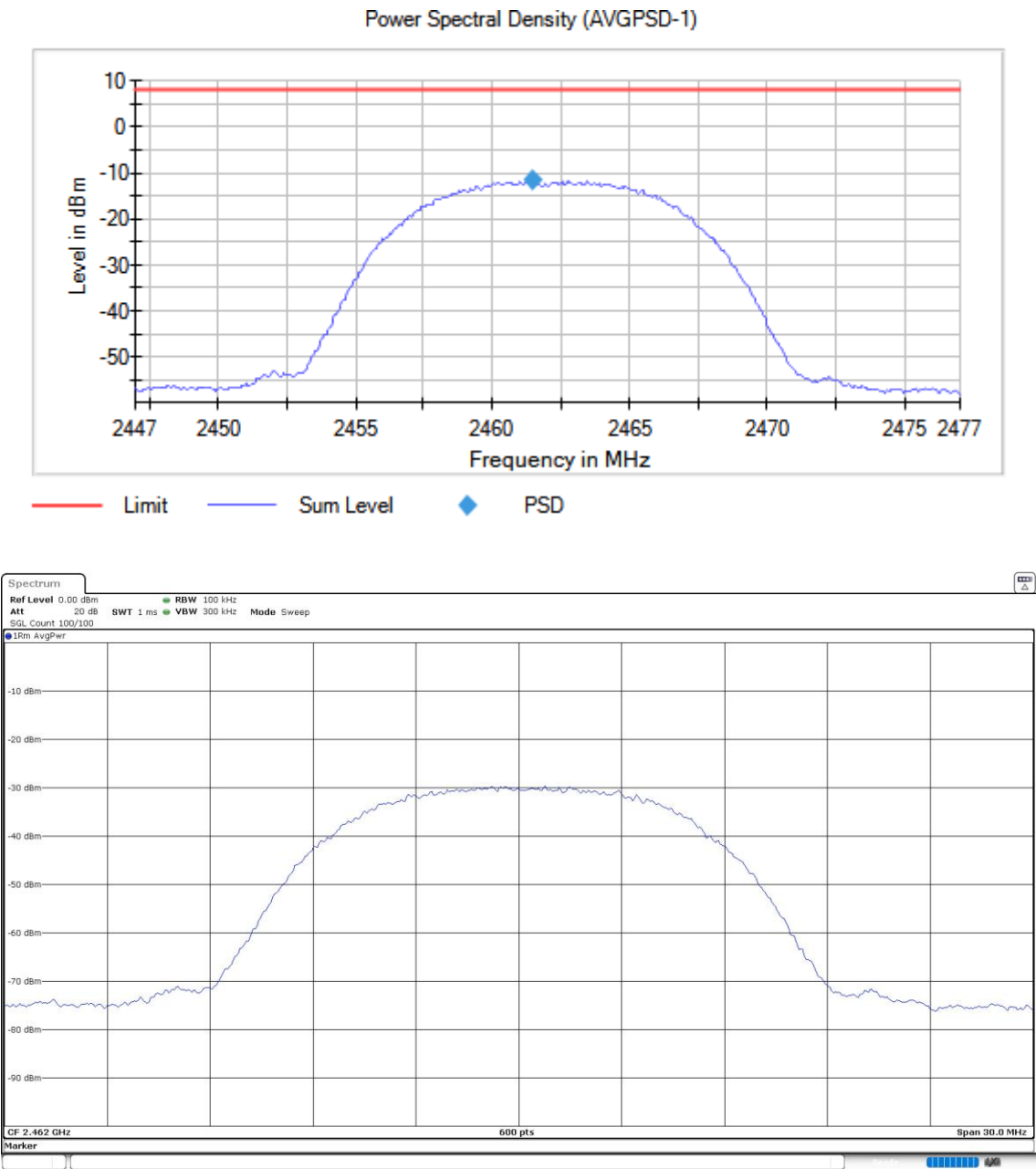
Operation Band MHz = [2400, 2483.5] Equipment Type = Digital Transmission System (DTS)
Frequency MHz = 2437.00000 Active Port = 3
Modulation = 802.11b (DSSS 1 Mbit/s)

Images:



Operation Band MHz = [2400, 2483.5] Equipment Type = Digital Transmission System (DTS)
Frequency MHz = 2462.00000 Active Port = 3
Modulation = 802.11b (DSSS 1 Mbit/s)

Images:



Modulation: 802.11g (OFDM 6 Mbit/s)

Results

Operation Band (MHz)	Equipment	Freq (MHz)	Port	PSD (dBm)
[2400, 2483.5]	Digital Transmission System (DTS)	2412.00000	3	-14.52
		2437.00000		-14.43
		2462.00000		-14.58

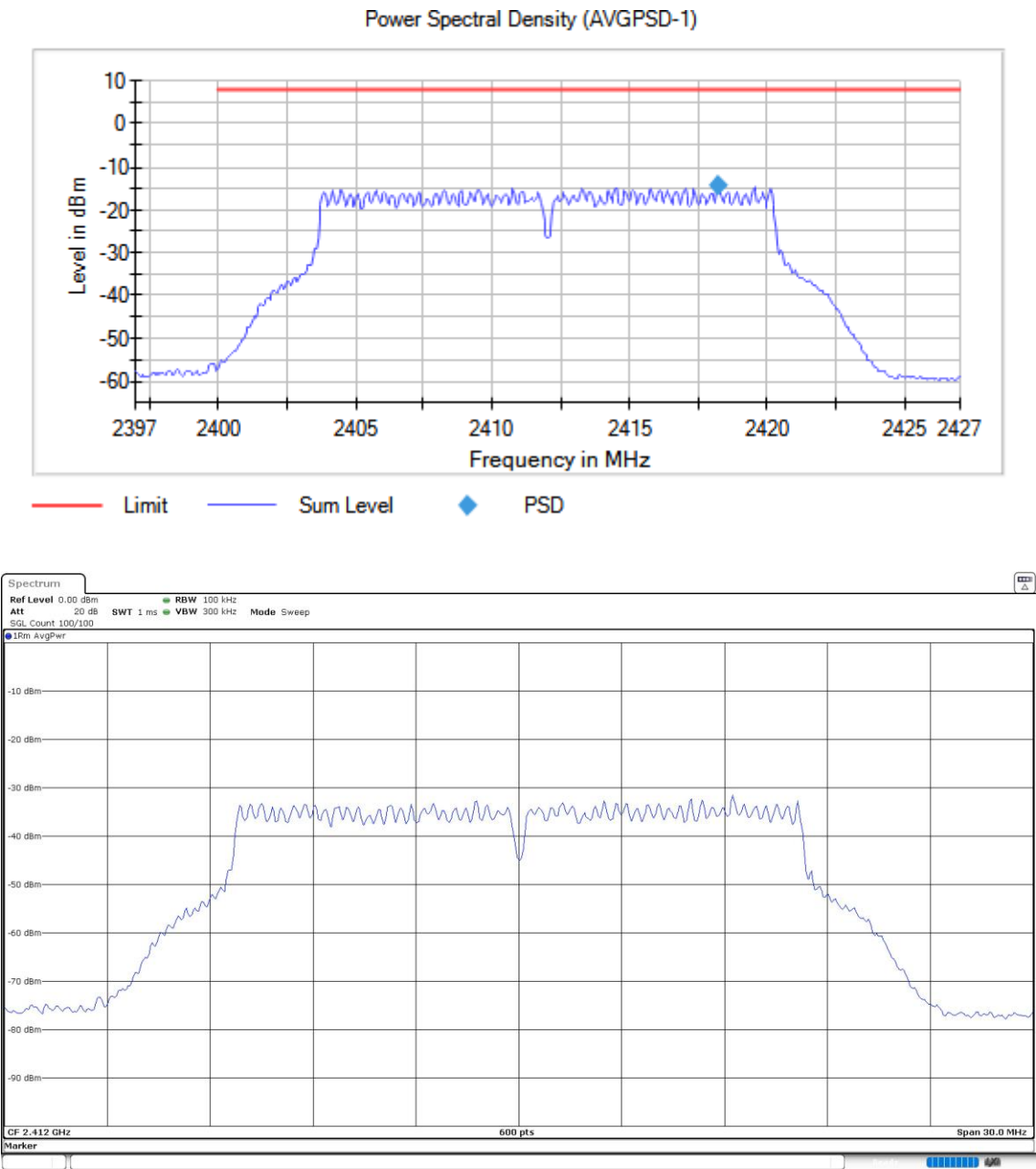
Verdict

Pass

Attachments

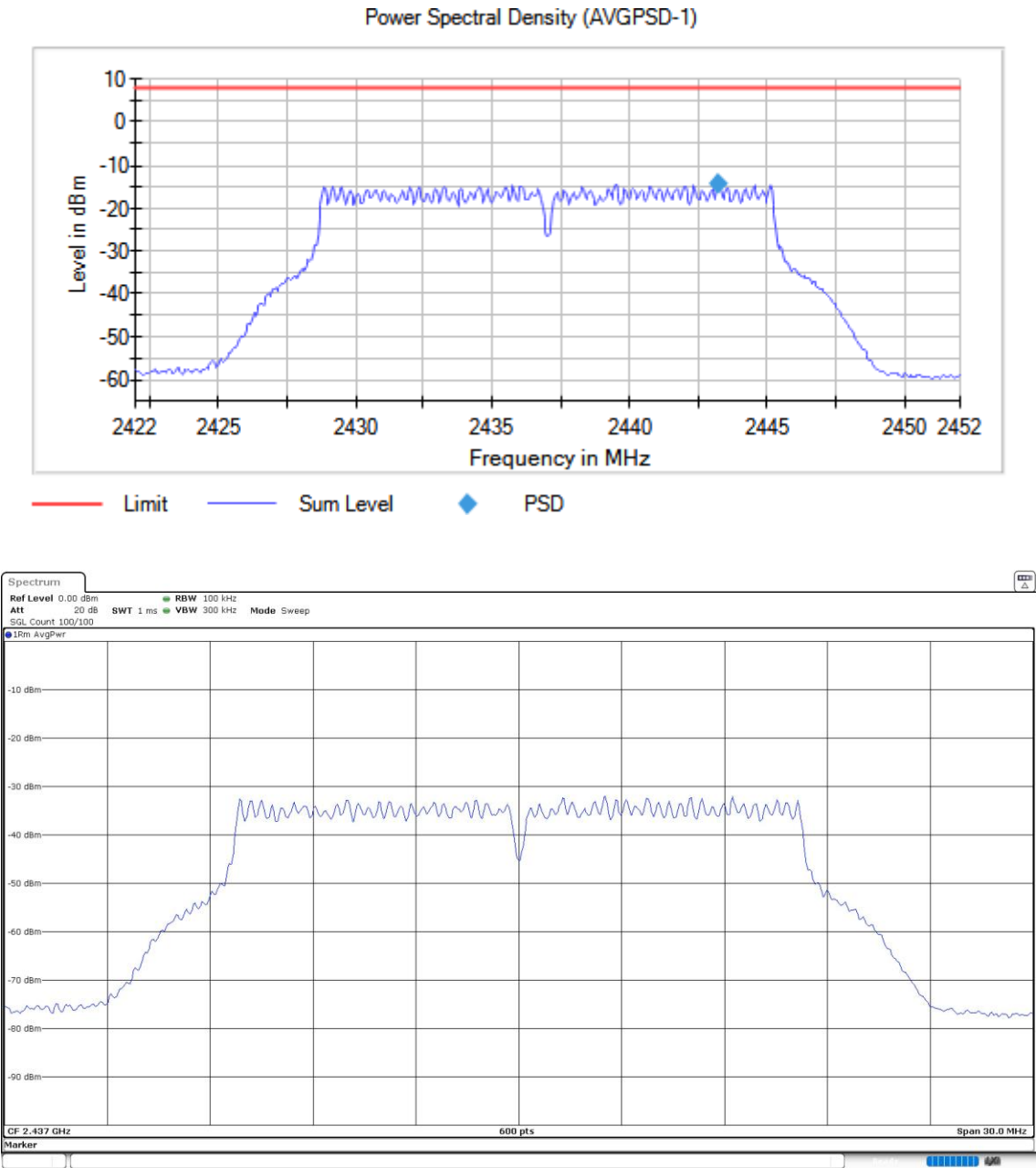
Operation Band MHz = [2400, 2483.5] Equipment Type = Digital Transmission System (DTS)
Frequency MHz = 2412.00000 Active Port = 3
Modulation = 802.11g (OFDM 6 Mbit/s)

Images:



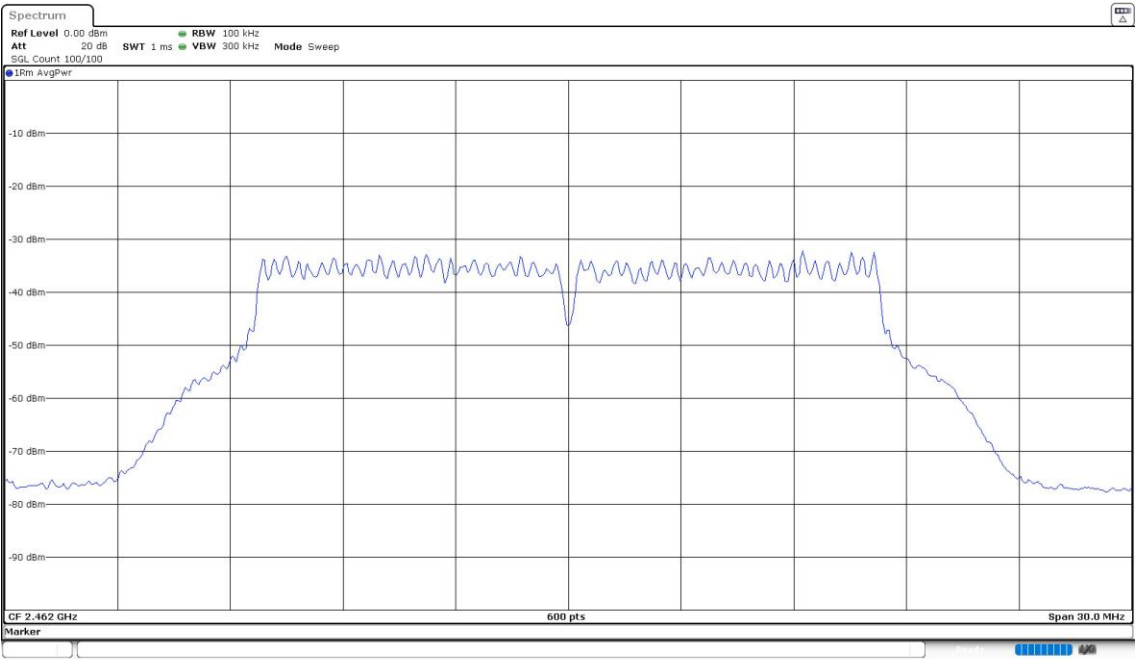
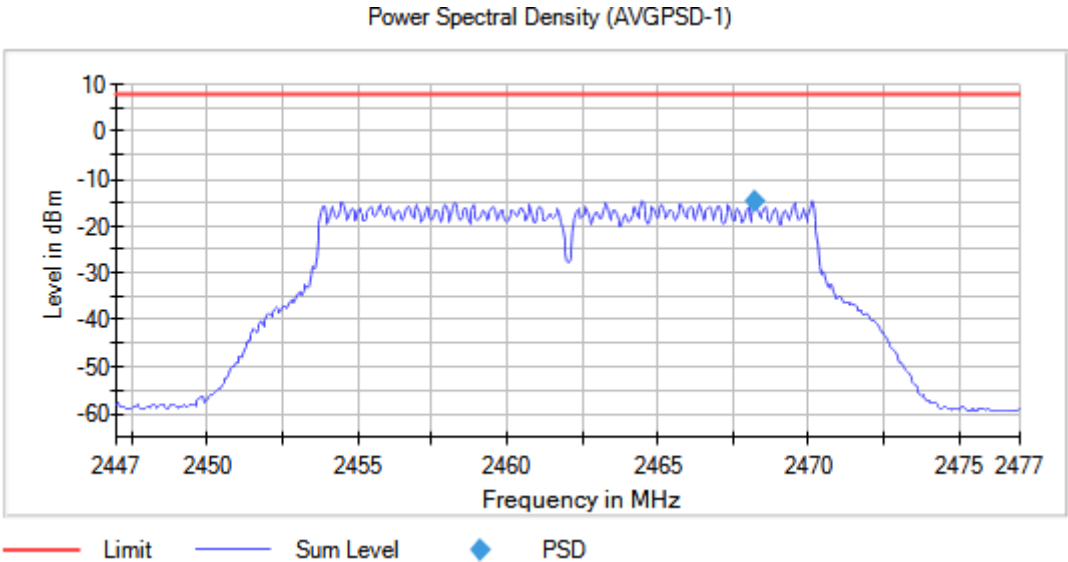
Operation Band MHz = [2400, 2483.5] Equipment Type = Digital Transmission System (DTS)
Frequency MHz = 2437.00000 Active Port = 3
Modulation = 802.11g (OFDM 6 Mbit/s)

Images:



Operation Band MHz = [2400, 2483.5] Equipment Type = Digital Transmission System (DTS)
Frequency MHz = 2462.00000 Active Port = 3
Modulation = 802.11g (OFDM 6 Mbit/s)

Images:



Modulation: 802.11n HT20 (OFDM MCS0 6.5 Mbit/s)

Results

Operation Band (MHz)	Equipment	Freq (MHz)	Port	RU (Tone/Index)	PSD (dBm)
[2400, 2483.5]	Digital Transmission System (DTS)	2412.00000	3	-	-12.94
		2437.00000			-12.95
		2462.00000			-13.26
		2412.00000	3+4	-	-12.41
		2437.00000			-11.77
		2462.00000			-11.94

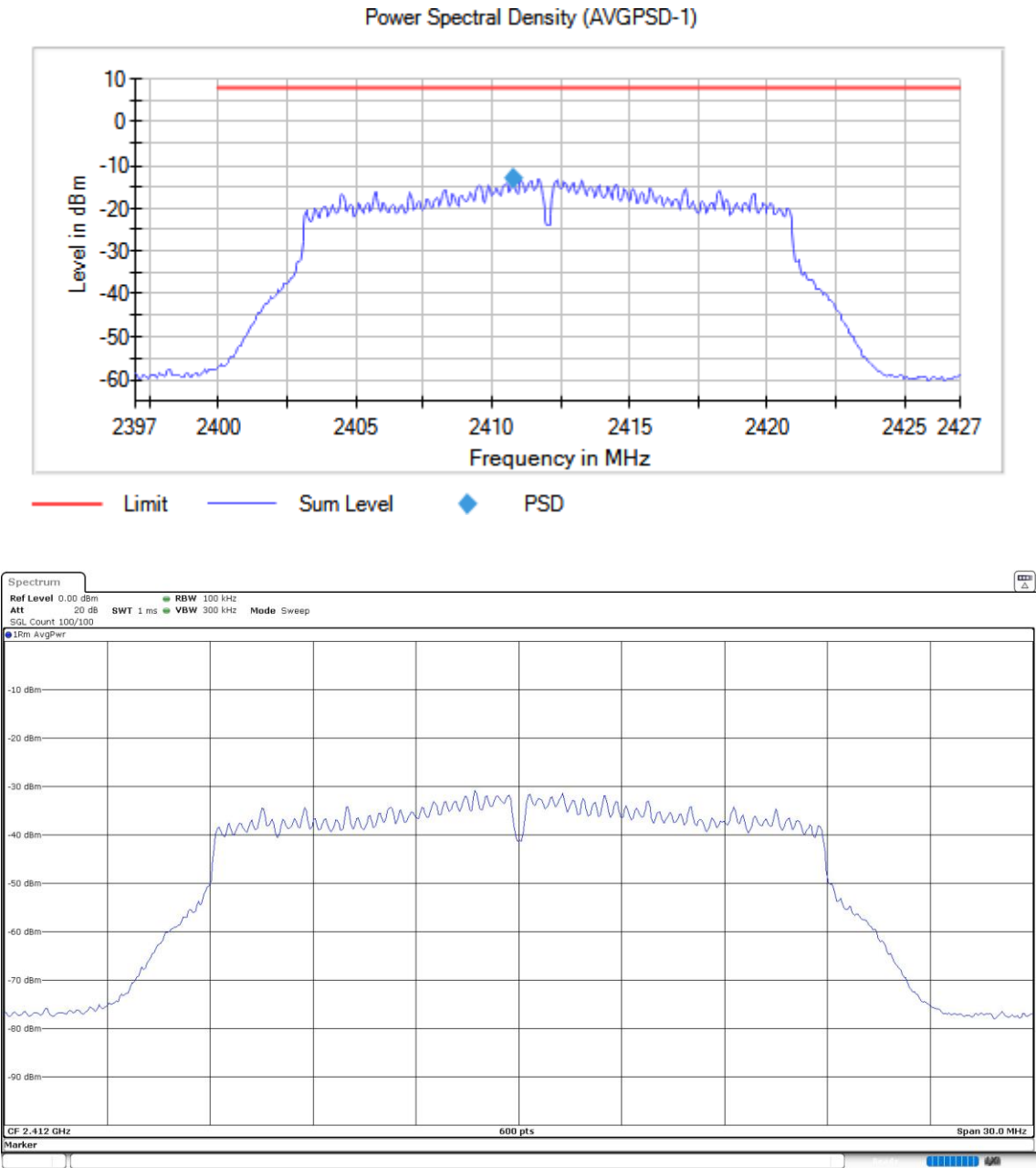
Verdict

Pass

Attachments

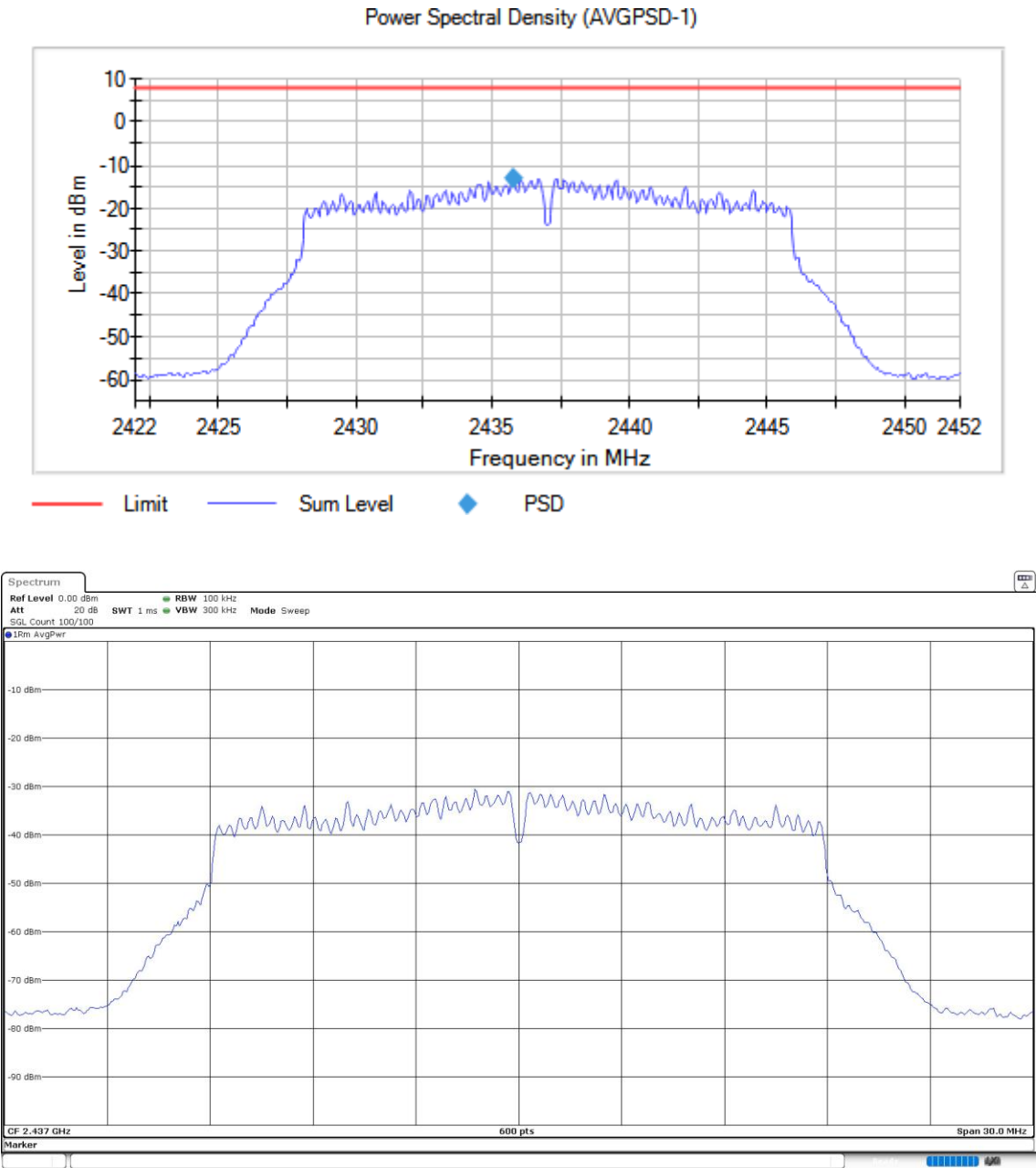
Operation Band MHz = [2400, 2483.5]	Equipment Type = Digital Transmission System (DTS)
Frequency MHz = 2412.00000	Active Port = 3
Modulation = 802.11n HT20 (OFDM MCS0 6.5 Mbit/s)	Resource Unit Tone/Index = -

Images:



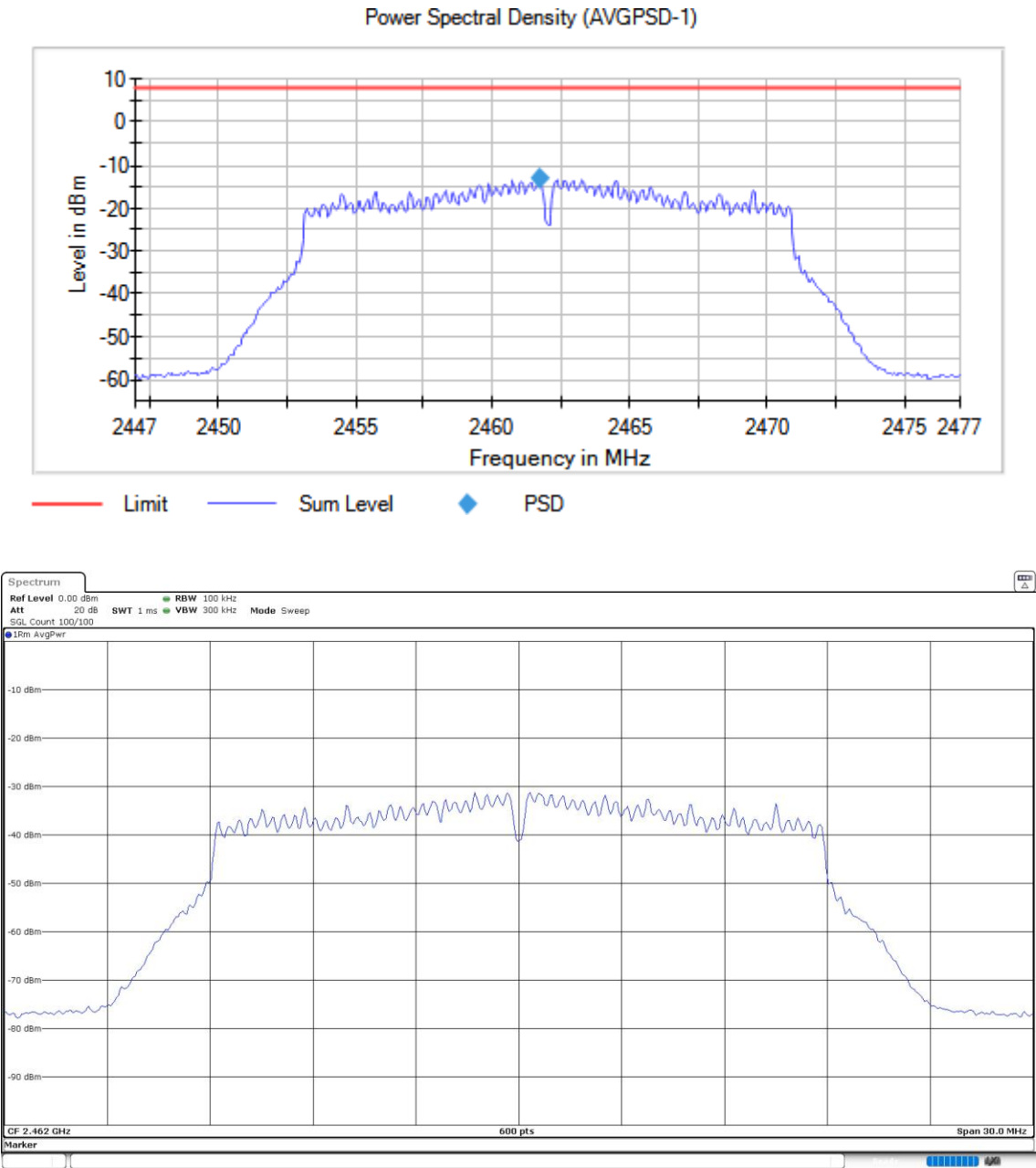
Operation Band MHz = [2400, 2483.5] Equipment Type = Digital Transmission System (DTS)
Frequency MHz = 2437.00000 Active Port = 3
Modulation = 802.11n HT20 (OFDM MCS0 6.5 Mbit/s) Resource Unit Tone/Index = -

Images:



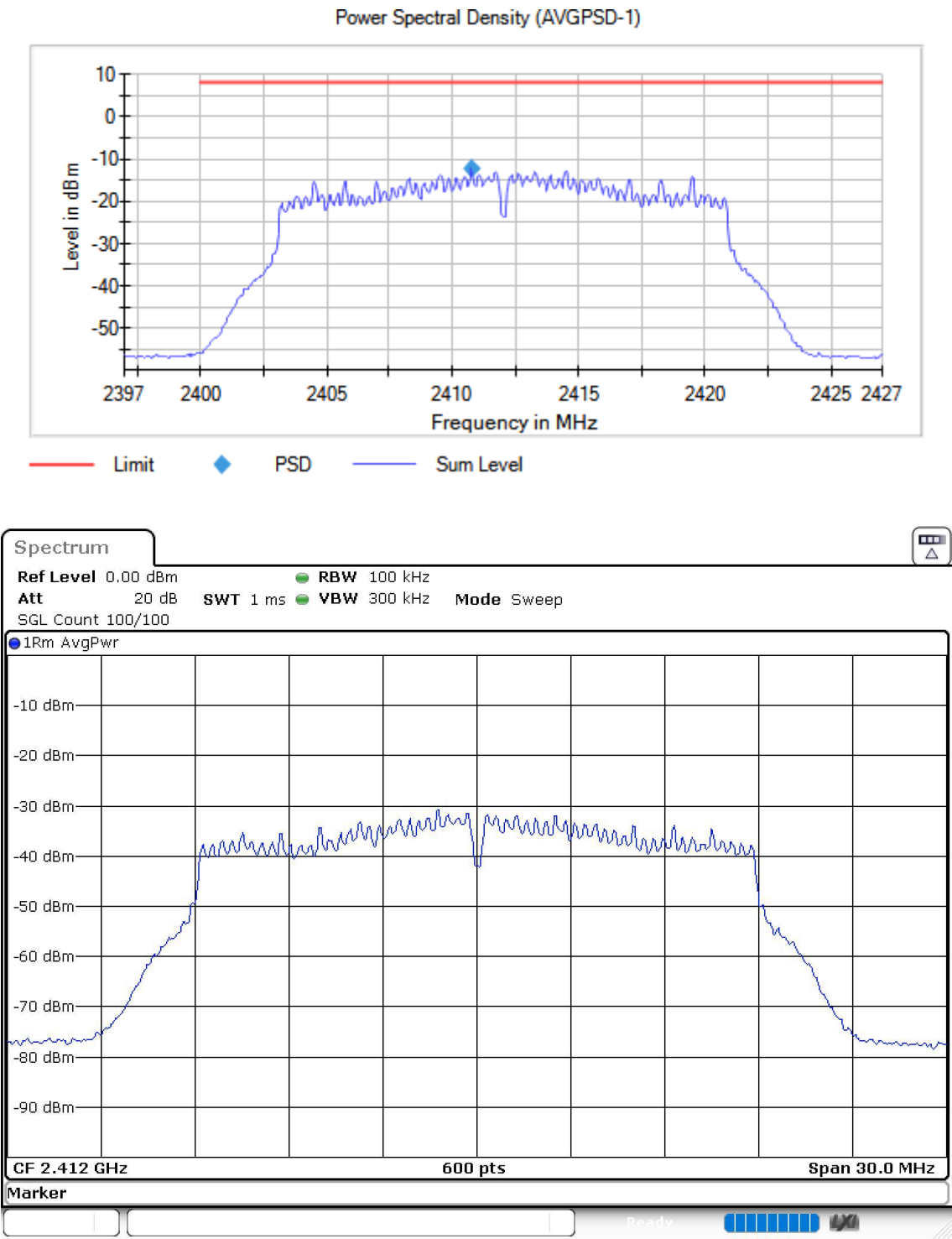
Operation Band MHz = [2400, 2483.5] Equipment Type = Digital Transmission System (DTS)
Frequency MHz = 2462.00000 Active Port = 3
Modulation = 802.11n HT20 (OFDM MCS0 6.5 Mbit/s) Resource Unit Tone/Index = -

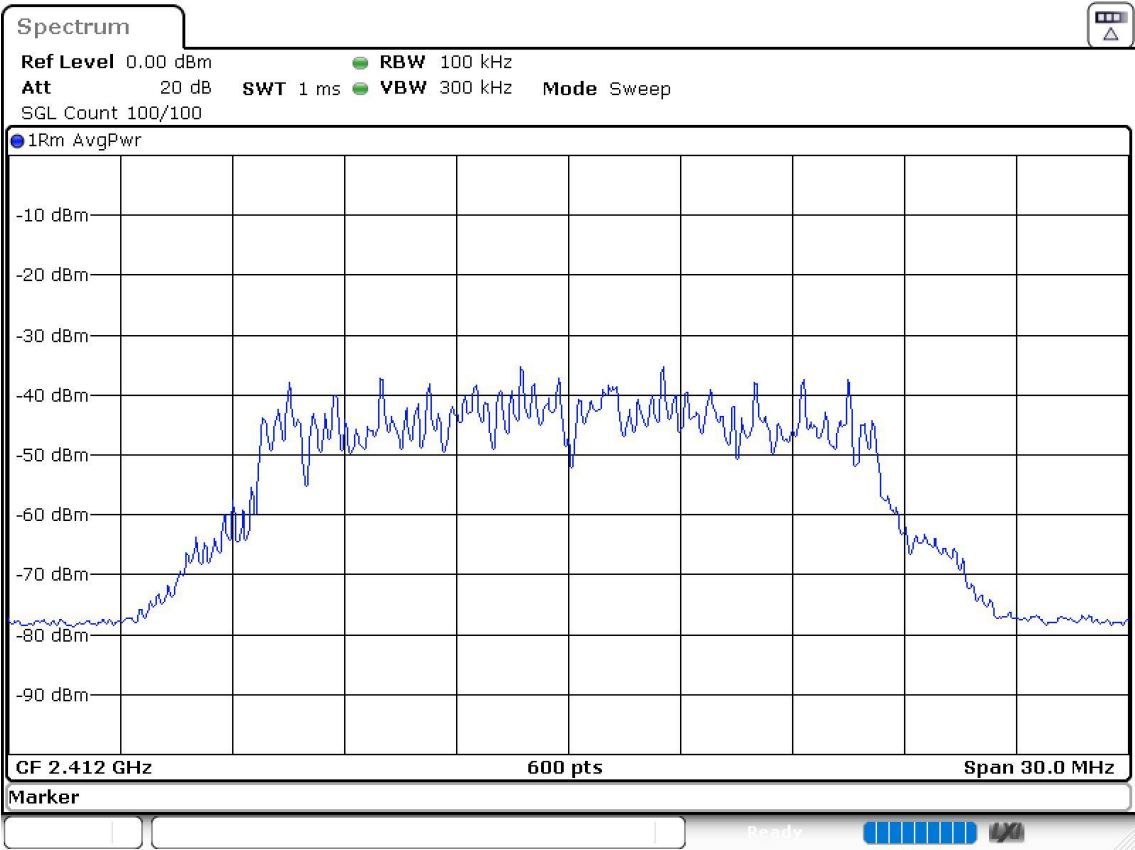
Images:



Operation Band MHz = [2400, 2483.5] Equipment Type = Digital Transmission System (DTS)
Frequency MHz = 2412.00000 Active Port = 3+4
Modulation = 802.11n HT20 (OFDM MCS0 6.5 Mbit/s) Resource Unit Tone/Index = -

Images:





Operation Band MHz = [2400, 2483.5]

Equipment Type = Digital Transmission System (DTS)

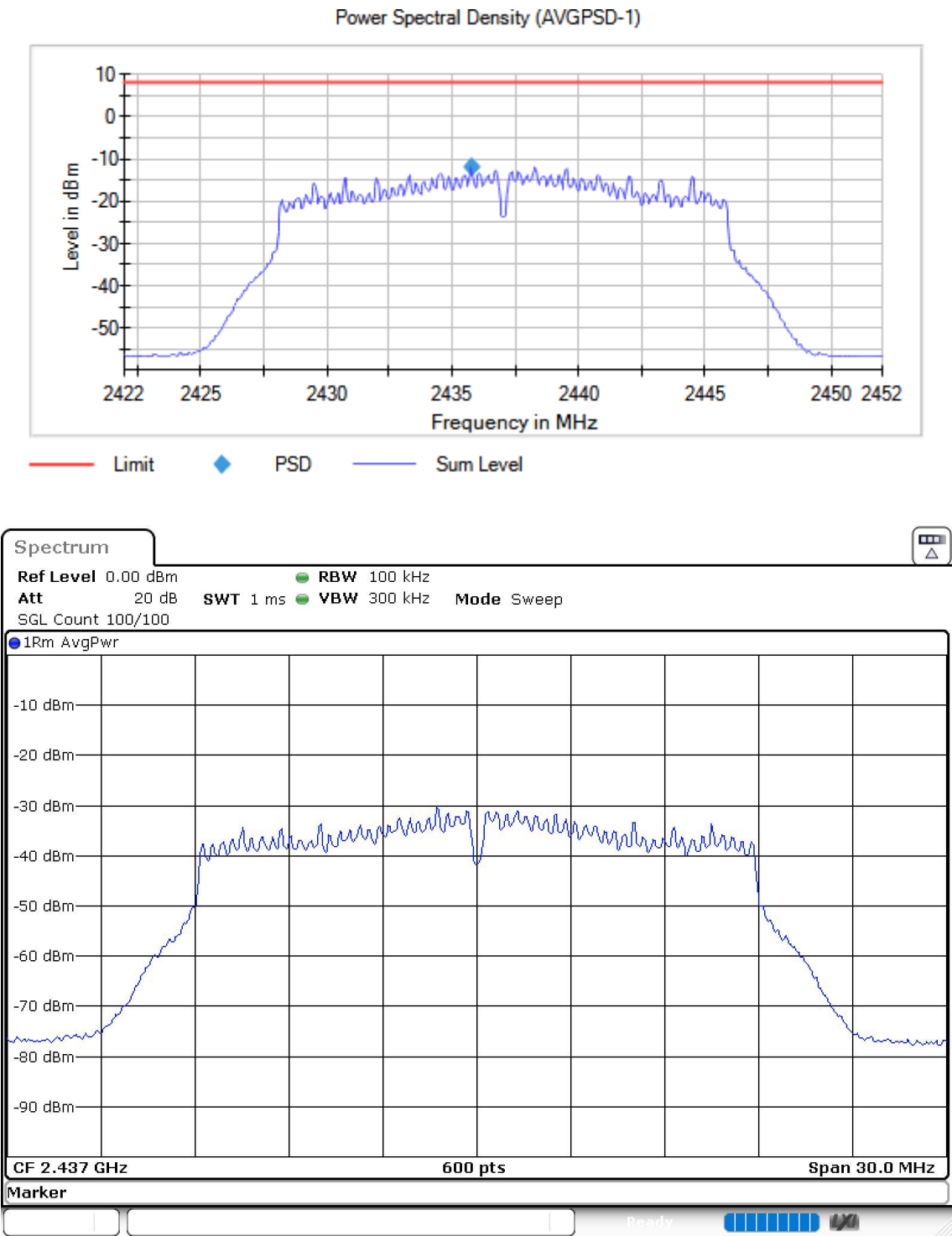
Frequency MHz = 2437.00000

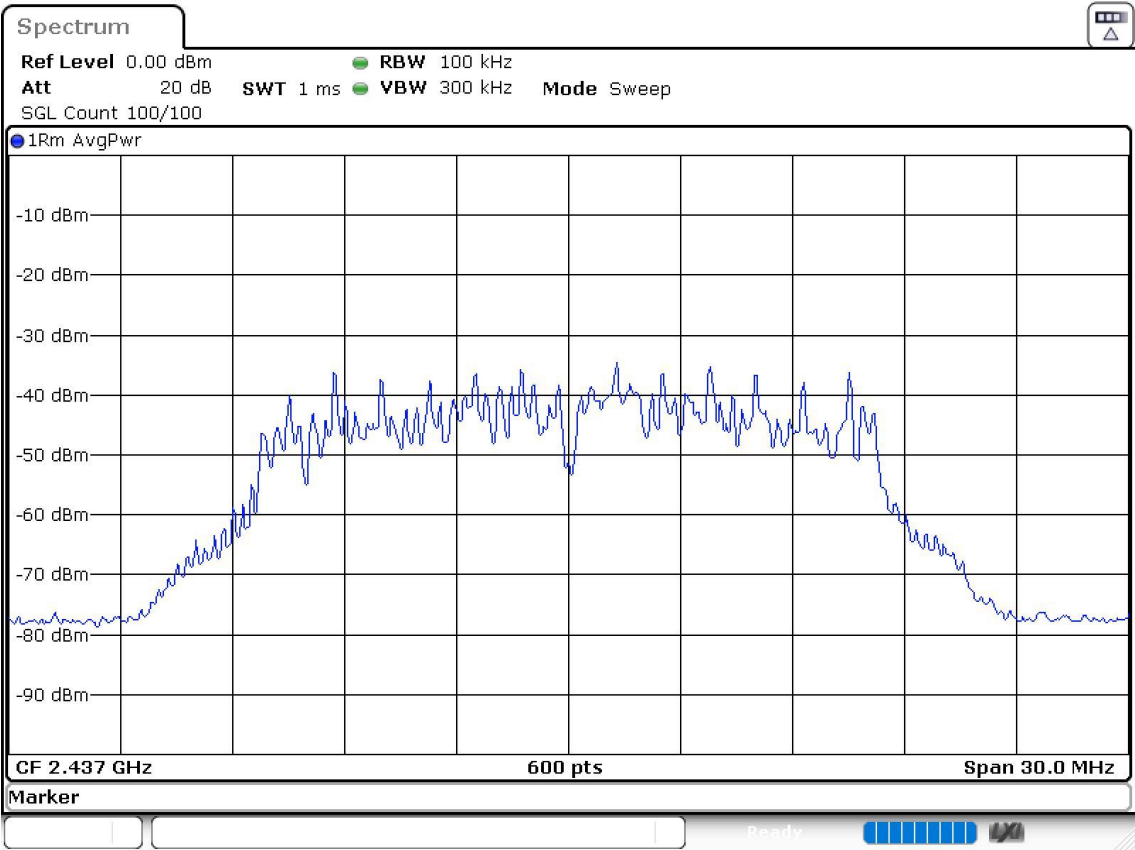
Active Port = 3+4

Modulation = 802.11n HT20 (OFDM MCS0 6.5 Mbit/s)

Resource Unit Tone/Index = -

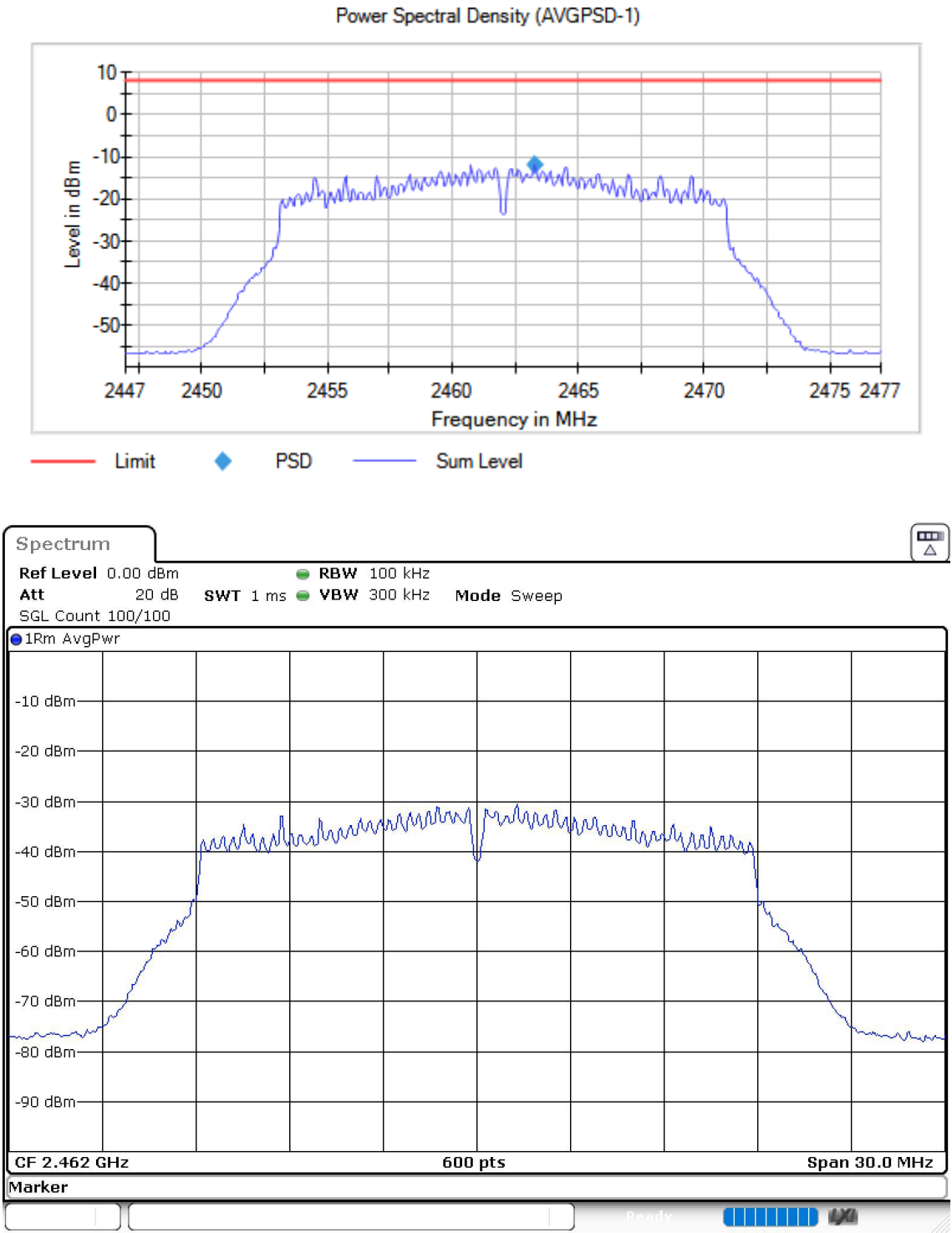
Images:

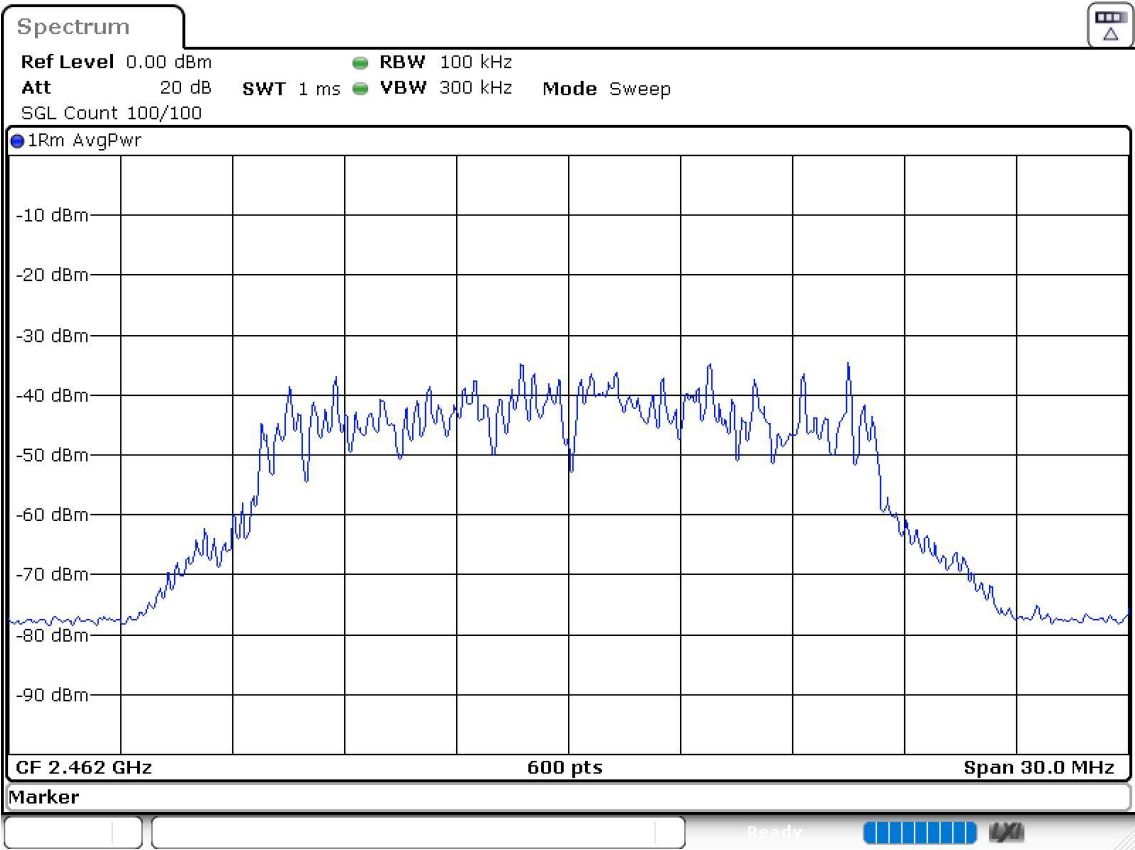




Operation Band MHz = [2400, 2483.5] Equipment Type = Digital Transmission System (DTS)
Frequency MHz = 2462.00000 Active Port = 3+4
Modulation = 802.11n HT20 (OFDM MCS0 6.5 Mbit/s) Resource Unit Tone/Index = -

Images:





Modulation: 802.11ax HE20 (OFDMA MCS0)

Results

Operation Band (MHz)	Equipment	Freq (MHz)	Port	Subcarrier Mode	RU (Tone/Index)	PSD (dBm)
[2400, 2483.5]	Digital Transmission System (DTS)	2412.00000	3	SU	242/61	-13.43
				RU	26/0	-6.17
		2437.00000		SU	242/61	-12.95
				RU	26/3	-5.63
		2462.00000		SU	242/61	-13.19
				RU	26/8	-5.48
		2412.00000	3+4	SU	242/61	-14.81
				RU	26/0	-6.72
		2437.00000		SU	242/61	-14.39
				RU	26/3	-6.58
		2462.00000		SU	242/61	-14.62
				RU	26/8	-6.14

Verdict

Pass

Attachments

Operation Band MHz = [2400, 2483.5]

Equipment Type = Digital Transmission System (DTS)

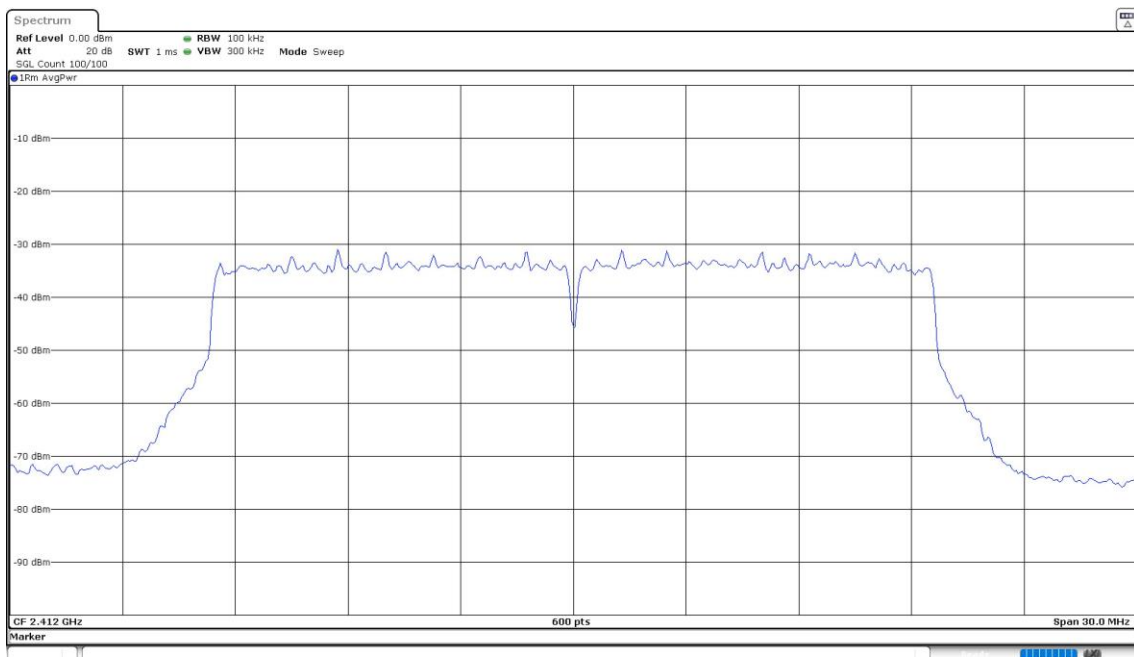
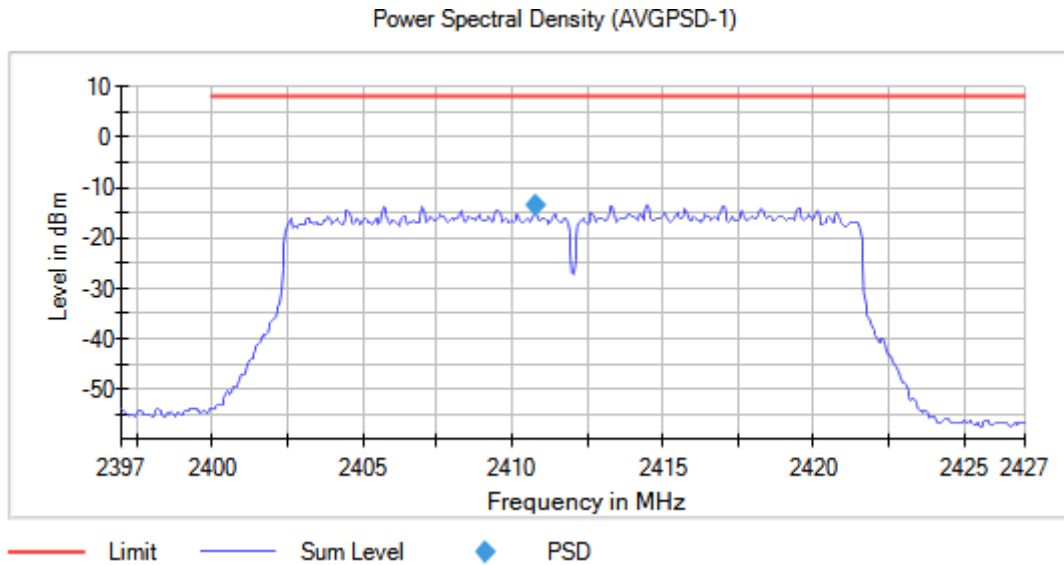
Frequency MHz = 2412.00000

Active Port = 3

Modulation = 802.11ax HE20 (OFDMA MCS0) Subcarrier Mode = SU

Resource Unit Tone/Index = 242/61

Images:



Operation Band MHz = [2400, 2483.5]

Equipment Type = Digital Transmission System (DTS)

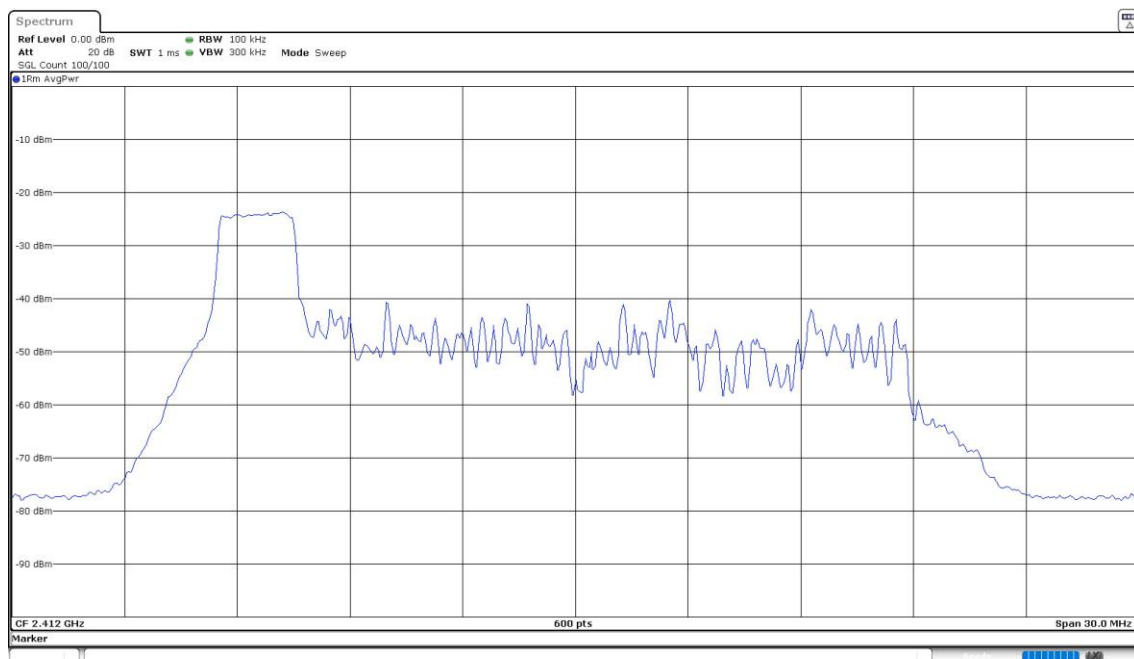
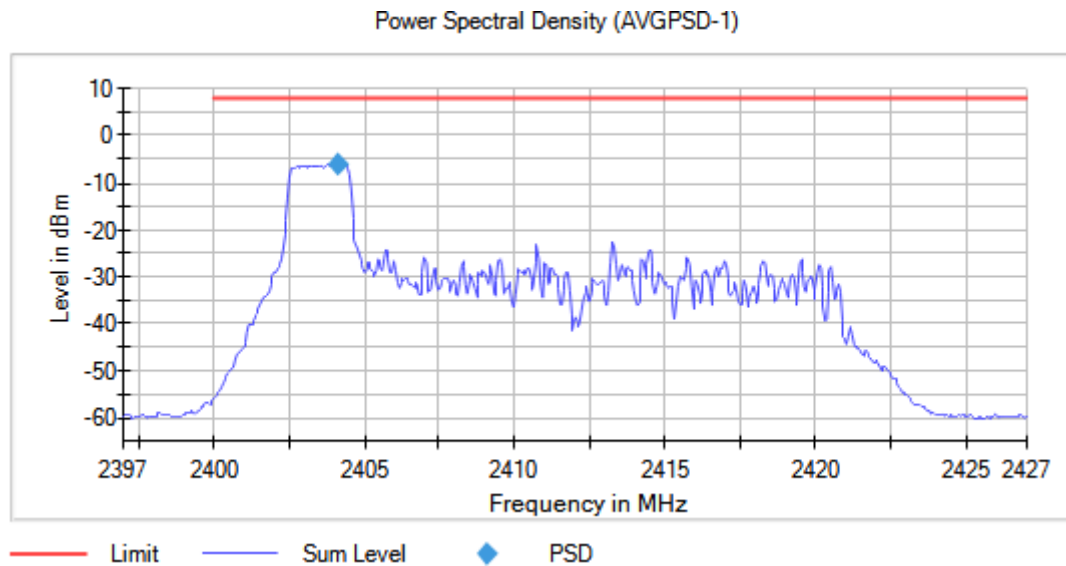
Frequency MHz = 2412.00000

Active Port = 3

Modulation = 802.11ax HE20 (OFDMA MCS0) Subcarrier Mode = RU

Resource Unit Tone/Index = 26/0

Images:



Operation Band MHz = [2400, 2483.5]

Equipment Type = Digital Transmission System (DTS)

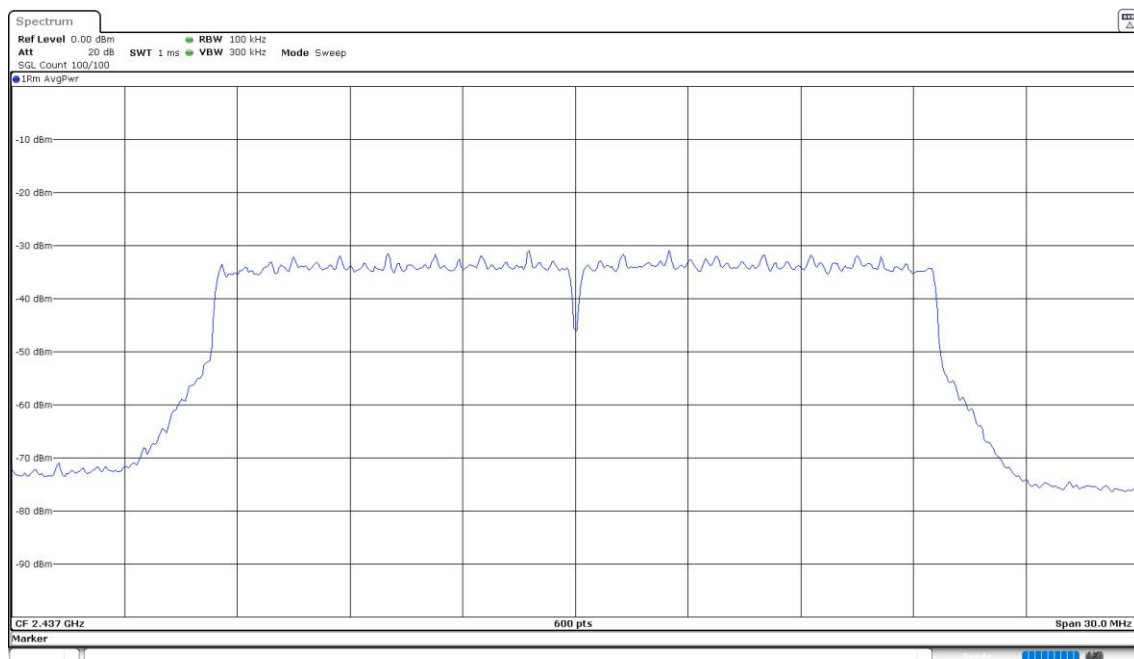
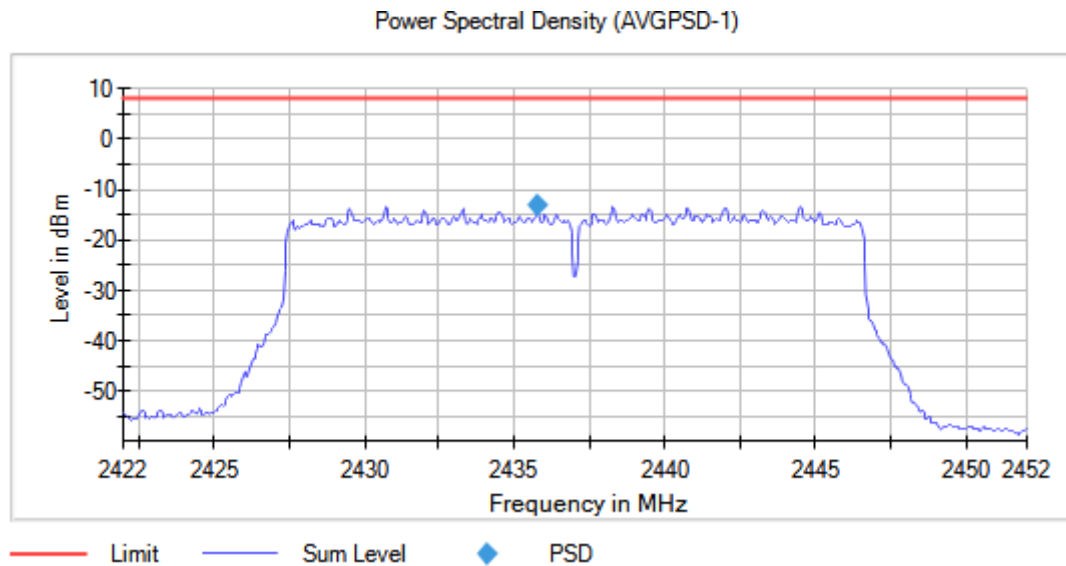
Frequency MHz = 2437.00000

Active Port = 3

Modulation = 802.11ax HE20 (OFDMA MCS0) Subcarrier Mode = SU

Resource Unit Tone/Index = 242/61

Images:



Operation Band MHz = [2400, 2483.5]

Equipment Type = Digital Transmission System (DTS)

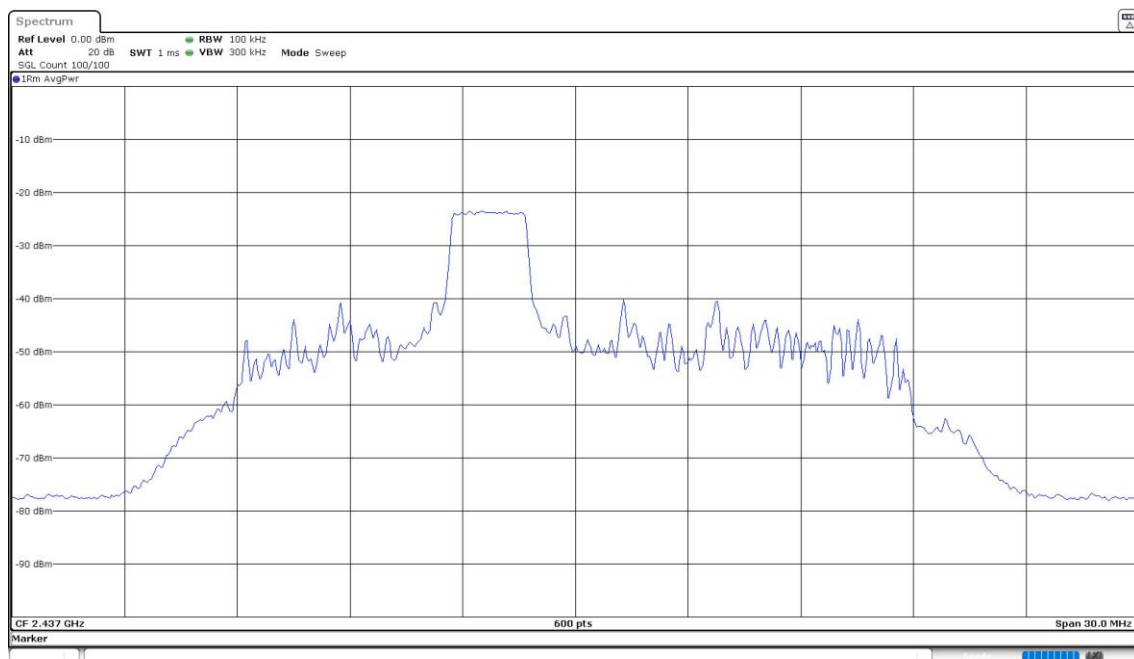
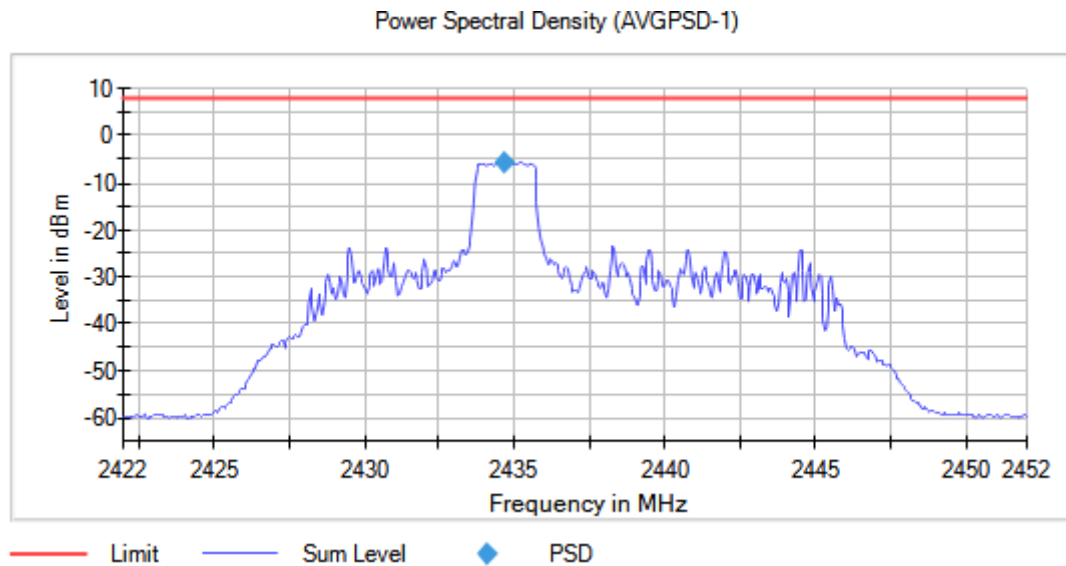
Frequency MHz = 2437.00000

Active Port = 3

Modulation = 802.11ax HE20 (OFDMA MCS0) Subcarrier Mode = RU

Resource Unit Tone/Index = 26/3

Images:



Operation Band MHz = [2400, 2483.5]

Equipment Type = Digital Transmission System (DTS)

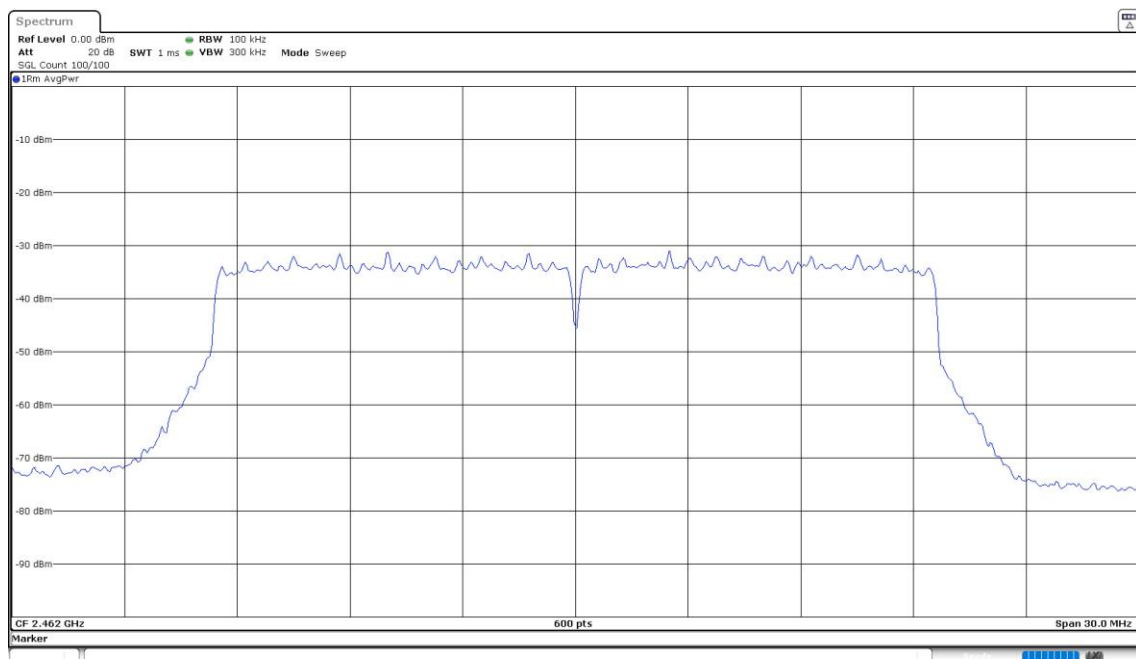
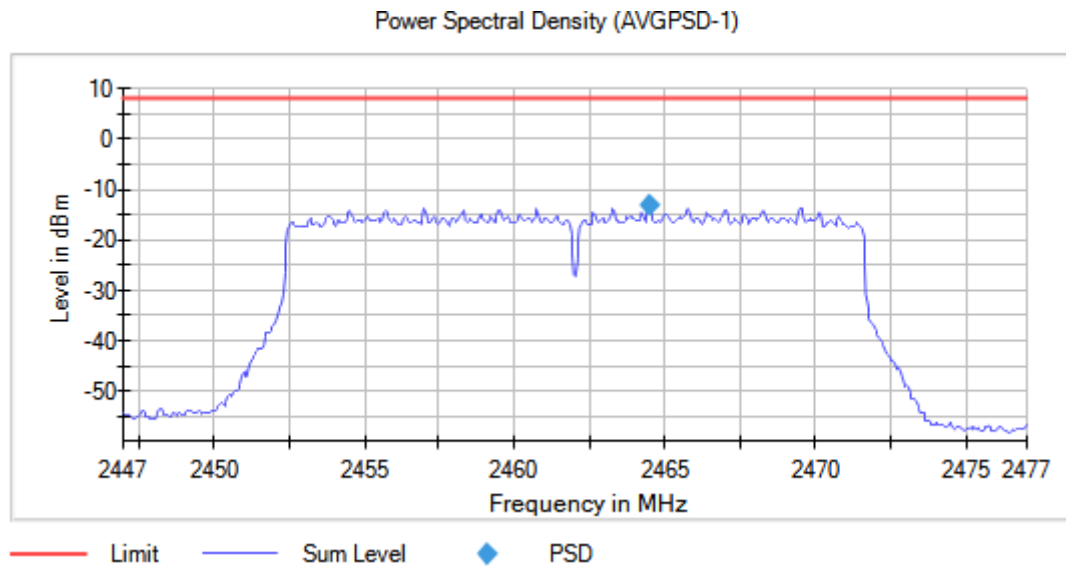
Frequency MHz = 2462.00000

Active Port = 3

Modulation = 802.11ax HE20 (OFDMA MCS0) Subcarrier Mode = SU

Resource Unit Tone/Index = 242/61

Images:



Operation Band MHz = [2400, 2483.5]

Equipment Type = Digital Transmission System (DTS)

Frequency MHz = 2462.00000

Active Port = 3

Modulation = 802.11ax HE20 (OFDMA MCS0) Subcarrier Mode = RU

Resource Unit Tone/Index = 26/8

Images:

