

Operation Band (MHz)	Equipment	Freq (MHz)	Port	Freq (MHz)	Lvl (dBm)
[2400, 2483.5]	Digital Transmission System (DTS)	2462.00000	4	2485.225000	-48.6
[2400, 2483.5]	Digital Transmission System (DTS)	2462.00000	4	2485.175000	-48.6
[2400, 2483.5]	Digital Transmission System (DTS)	2462.00000	4	2484.975000	-48.6
[2400, 2483.5]	Digital Transmission System (DTS)	2462.00000	4	2485.075000	-48.9
[2400, 2483.5]	Digital Transmission System (DTS)	2462.00000	4	2492.375000	-49.0
[2400, 2483.5]	Digital Transmission System (DTS)	2462.00000	4	2487.025000	-49.5
[2400, 2483.5]	Digital Transmission System (DTS)	2462.00000	4	2499.875000	-49.6
[2400, 2483.5]	Digital Transmission System (DTS)	2462.00000	4	2486.975000	-49.7
[2400, 2483.5]	Digital Transmission System (DTS)	2462.00000	4	2484.725000	-49.7
[2400, 2483.5]	Digital Transmission System (DTS)	2462.00000	4	2499.925000	-49.7
[2400, 2483.5]	Digital Transmission System (DTS)	2462.00000	4	2484.775000	-49.7
[2400, 2483.5]	Digital Transmission System (DTS)	2462.00000	4	2496.825000	-49.7
[2400, 2483.5]	Digital Transmission System (DTS)	2462.00000	4	2483.675000	-49.7

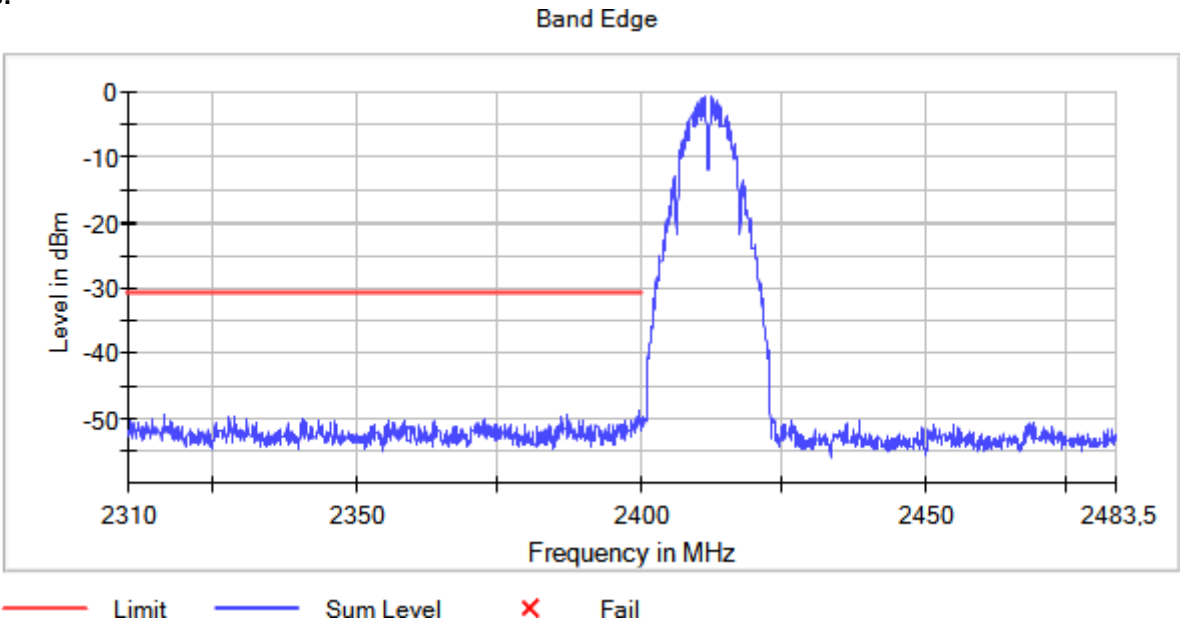
Verdict

Pass

Attachments

Operation Band MHz = [2400, 2483.5] Equipment Type = Digital Transmission System (DTS)
Frequency MHz = 2412.00000 Active Port = 4
Modulation = 802.11b (DSSS 1 Mbit/s)

Images:



Tables:

Spectrum Analyzer Parameters 1

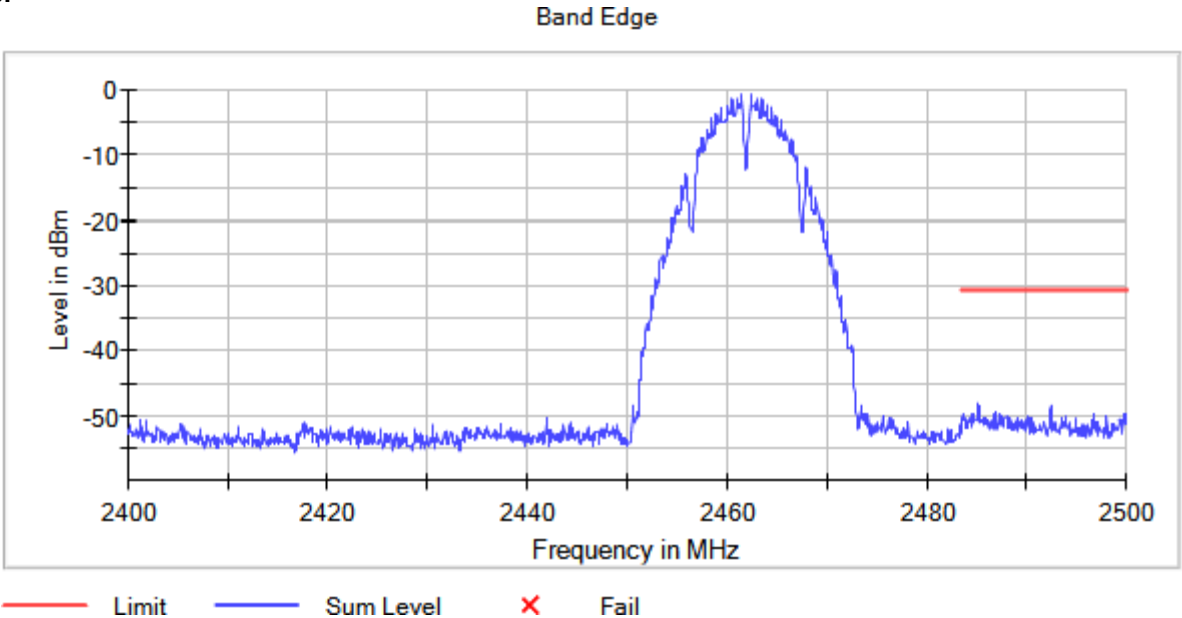
Setting	Instrument Value	Target Value
Start Frequency	2.31000 GHz	2.31000 GHz
Stop Frequency	2.40000 GHz	2.40000 GHz
Span	90.000 MHz	90.000 MHz
RBW	100.000 kHz	<= 100.000 kHz
VBW	300.000 kHz	>= 300.000 kHz
SweepPoints	1800	~ 1800
Sweptime	113.672 µs	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	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	12 / 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 = 2462.00000 Active Port = 4
Modulation = 802.11b (DSSS 1 Mbit/s)

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	12 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.05 dB	0.50 dB

Modulation: 802.11g (OFDM 6 Mbit/s)

Results

Operation Band (MHz)	Equipment	Freq (MHz)	Port	Freq (MHz)	Lvl (dBm)
[2400, 2483.5]	Digital Transmission System (DTS)	2412.00000	4	2399.925000	-42.1
[2400, 2483.5]	Digital Transmission System (DTS)	2412.00000	4	2399.875000	-42.2
[2400, 2483.5]	Digital Transmission System (DTS)	2412.00000	4	2399.825000	-42.2
[2400, 2483.5]	Digital Transmission System (DTS)	2412.00000	4	2399.975000	-42.5
[2400, 2483.5]	Digital Transmission System (DTS)	2412.00000	4	2399.625000	-42.8
[2400, 2483.5]	Digital Transmission System (DTS)	2412.00000	4	2399.675000	-42.9
[2400, 2483.5]	Digital Transmission System (DTS)	2412.00000	4	2399.525000	-43.2
[2400, 2483.5]	Digital Transmission System (DTS)	2412.00000	4	2399.725000	-43.5
[2400, 2483.5]	Digital Transmission System (DTS)	2412.00000	4	2399.475000	-43.6
[2400, 2483.5]	Digital Transmission System (DTS)	2412.00000	4	2399.225000	-43.9
[2400, 2483.5]	Digital Transmission System (DTS)	2412.00000	4	2399.375000	-43.9
[2400, 2483.5]	Digital Transmission System (DTS)	2412.00000	4	2399.425000	-44.0
[2400, 2483.5]	Digital Transmission System (DTS)	2412.00000	4	2399.275000	-44.1
[2400, 2483.5]	Digital Transmission System (DTS)	2412.00000	4	2399.775000	-44.2
[2400, 2483.5]	Digital Transmission System (DTS)	2412.00000	4	2399.575000	-44.3
[2400, 2483.5]	Digital Transmission System (DTS)	2462.00000	4	2483.575000	-48.5
[2400, 2483.5]	Digital Transmission System (DTS)	2462.00000	4	2483.625000	-49.0
[2400, 2483.5]	Digital Transmission System (DTS)	2462.00000	4	2484.925000	-49.1
[2400, 2483.5]	Digital Transmission System (DTS)	2462.00000	4	2484.375000	-49.2
[2400, 2483.5]	Digital Transmission System (DTS)	2462.00000	4	2484.675000	-49.3
[2400, 2483.5]	Digital Transmission System (DTS)	2462.00000	4	2483.875000	-49.3
[2400, 2483.5]	Digital Transmission System (DTS)	2462.00000	4	2484.425000	-49.4
[2400, 2483.5]	Digital Transmission System (DTS)	2462.00000	4	2484.625000	-49.5

Operation Band (MHz)	Equipment	Freq (MHz)	Port	Freq (MHz)	Lvl (dBm)
[2400, 2483.5]	Digital Transmission System (DTS)	2462.00000	4	2484.875000	-49.6
[2400, 2483.5]	Digital Transmission System (DTS)	2462.00000	4	2484.275000	-49.6
[2400, 2483.5]	Digital Transmission System (DTS)	2462.00000	4	2483.525000	-49.6
[2400, 2483.5]	Digital Transmission System (DTS)	2462.00000	4	2491.125000	-49.6
[2400, 2483.5]	Digital Transmission System (DTS)	2462.00000	4	2483.925000	-49.7
[2400, 2483.5]	Digital Transmission System (DTS)	2462.00000	4	2484.325000	-49.7
[2400, 2483.5]	Digital Transmission System (DTS)	2462.00000	4	2485.975000	-49.8

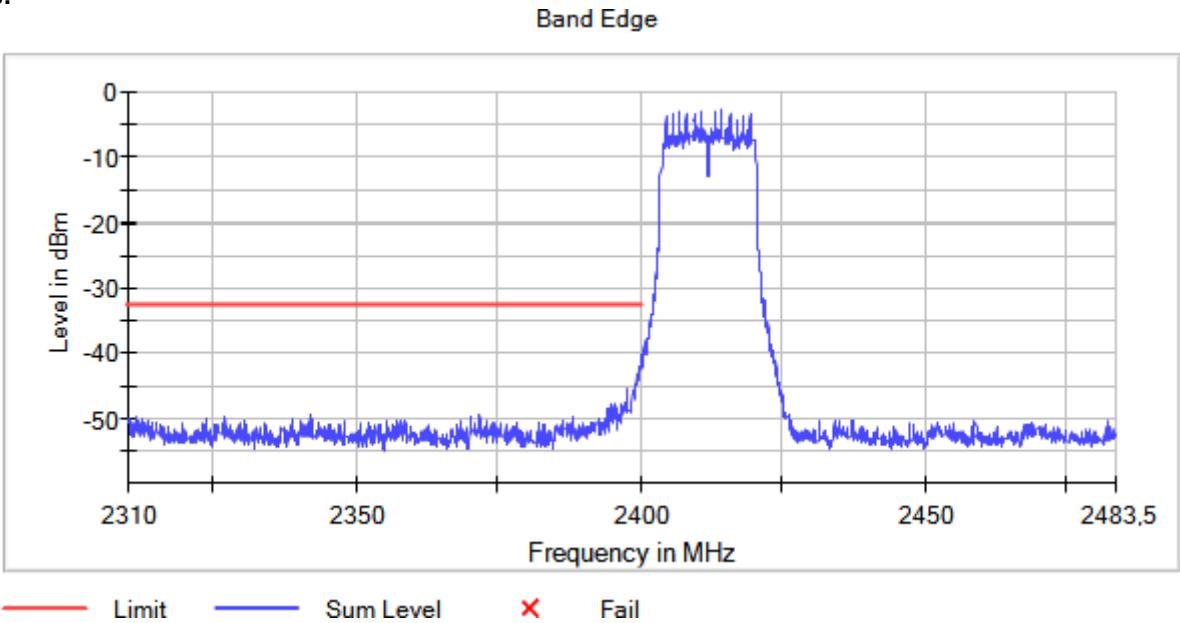
Verdict

Pass

Attachments

Operation Band MHz = [2400, 2483.5] Equipment Type = Digital Transmission System (DTS)
Frequency MHz = 2412.00000 Active Port = 4
Modulation = 802.11g (OFDM 6 Mbit/s)

Images:



Tables:

Spectrum Analyzer Parameters 1

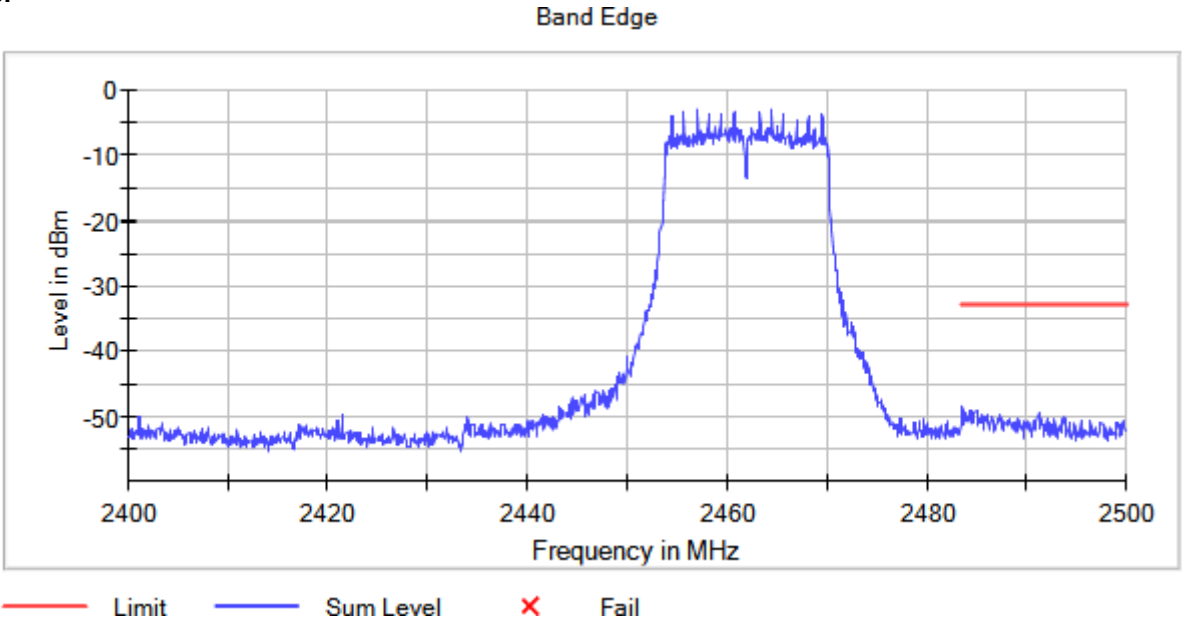
Setting	Instrument Value	Target Value
Start Frequency	2.31000 GHz	2.31000 GHz
Stop Frequency	2.40000 GHz	2.40000 GHz
Span	90.000 MHz	90.000 MHz
RBW	100.000 kHz	<= 100.000 kHz
VBW	300.000 kHz	>= 300.000 kHz
SweepPoints	1800	~ 1800
Sweeptime	113.672 µs	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweeptype	FFT	AUTO
Preamplifier	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	28 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.32 dB	0.50 dB

Operation Band MHz = [2400, 2483.5] Equipment Type = Digital Transmission System (DTS)
Frequency MHz = 2462.00000 Active Port = 4
Modulation = 802.11g (OFDM 6 Mbit/s)

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	28 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.32 dB	0.50 dB

Modulation: 802.11n HT20 (OFDM MCS0)

Results

Operation Band (MHz)	Equipment	Freq (MHz)	Port	Freq (MHz)	Lvl (dBm)
[2400, 2483.5]	Digital Transmission System (DTS)	2412.00000	4	2399.975000	-40.5
[2400, 2483.5]	Digital Transmission System (DTS)	2412.00000	4	2399.775000	-40.7
[2400, 2483.5]	Digital Transmission System (DTS)	2412.00000	4	2399.825000	-40.7
[2400, 2483.5]	Digital Transmission System (DTS)	2412.00000	4	2399.475000	-41.0
[2400, 2483.5]	Digital Transmission System (DTS)	2412.00000	4	2399.875000	-41.0
[2400, 2483.5]	Digital Transmission System (DTS)	2412.00000	4	2399.525000	-41.1
[2400, 2483.5]	Digital Transmission System (DTS)	2412.00000	4	2399.925000	-41.2
[2400, 2483.5]	Digital Transmission System (DTS)	2412.00000	4	2399.725000	-41.4
[2400, 2483.5]	Digital Transmission System (DTS)	2412.00000	4	2399.425000	-42.3
[2400, 2483.5]	Digital Transmission System (DTS)	2412.00000	4	2399.175000	-42.4
[2400, 2483.5]	Digital Transmission System (DTS)	2412.00000	4	2399.325000	-42.5
[2400, 2483.5]	Digital Transmission System (DTS)	2412.00000	4	2399.125000	-42.6
[2400, 2483.5]	Digital Transmission System (DTS)	2412.00000	4	2399.575000	-42.6
[2400, 2483.5]	Digital Transmission System (DTS)	2412.00000	4	2399.675000	-42.7
[2400, 2483.5]	Digital Transmission System (DTS)	2412.00000	4	2399.375000	-42.7
[2400, 2483.5]	Digital Transmission System (DTS)	2462.00000	4	2484.075000	-49.2
[2400, 2483.5]	Digital Transmission System (DTS)	2462.00000	4	2497.275000	-49.2
[2400, 2483.5]	Digital Transmission System (DTS)	2462.00000	4	2484.125000	-49.4
[2400, 2483.5]	Digital Transmission System (DTS)	2462.00000	4	2485.925000	-49.4
[2400, 2483.5]	Digital Transmission System (DTS)	2462.00000	4	2485.875000	-49.4
[2400, 2483.5]	Digital Transmission System (DTS)	2462.00000	4	2483.575000	-49.5
[2400, 2483.5]	Digital Transmission System (DTS)	2462.00000	4	2497.225000	-49.5
[2400, 2483.5]	Digital Transmission System (DTS)	2462.00000	4	2483.625000	-49.6

Operation Band (MHz)	Equipment	Freq (MHz)	Port	Freq (MHz)	Lvl (dBm)
[2400, 2483.5]	Digital Transmission System (DTS)	2462.00000	4	2488.225000	-49.8
[2400, 2483.5]	Digital Transmission System (DTS)	2462.00000	4	2492.175000	-49.8
[2400, 2483.5]	Digital Transmission System (DTS)	2462.00000	4	2487.675000	-49.8
[2400, 2483.5]	Digital Transmission System (DTS)	2462.00000	4	2487.475000	-49.8
[2400, 2483.5]	Digital Transmission System (DTS)	2462.00000	4	2484.425000	-49.8
[2400, 2483.5]	Digital Transmission System (DTS)	2462.00000	4	2486.025000	-49.9
[2400, 2483.5]	Digital Transmission System (DTS)	2462.00000	4	2486.625000	-49.9

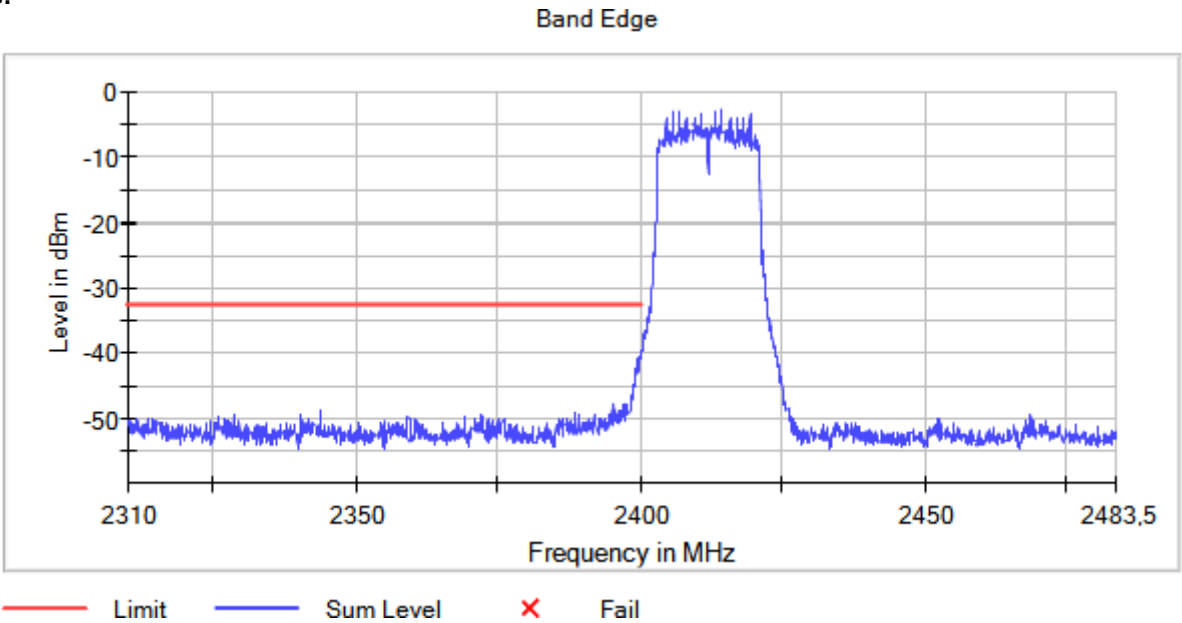
Verdict

Pass

Attachments

Operation Band MHz = [2400, 2483.5] Equipment Type = Digital Transmission System (DTS)
Frequency MHz = 2412.00000 Active Port = 4
Modulation = 802.11n HT20 (OFDM MCS0)

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
Preamplifier	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	7 / 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	34 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.11 dB	0.50 dB

Operation Band MHz = [2400, 2483.5]

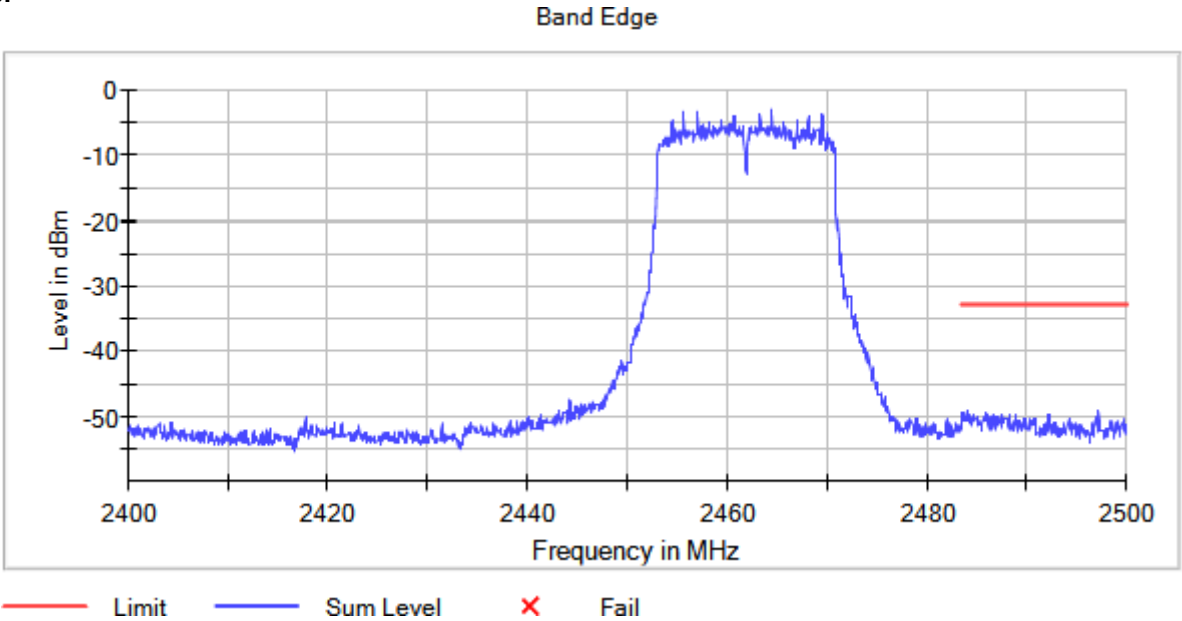
Equipment Type = Digital Transmission System (DTS)

Frequency MHz = 2462.00000

Active Port = 4

Modulation = 802.11n HT20 (OFDM MCS0)

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	7 / 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	34 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.11 dB	0.50 dB

Modulation: 802.11ax HE20 (SU)

Results

Operation Band (MHz)	Equipment	Freq (MHz)	Port	Freq (MHz)	Lvl (dBm)
[2400, 2483.5]	Digital Transmission System (DTS)	2412.00000	4	2399.925000	-43.4
[2400, 2483.5]	Digital Transmission System (DTS)	2412.00000	4	2399.375000	-33.8
[2400, 2483.5]	Digital Transmission System (DTS)	2412.00000	4	2399.975000	-43.5
[2400, 2483.5]	Digital Transmission System (DTS)	2412.00000	4	2399.425000	-33.8
[2400, 2483.5]	Digital Transmission System (DTS)	2412.00000	4	2399.825000	-43.8
[2400, 2483.5]	Digital Transmission System (DTS)	2412.00000	4	2399.875000	-33.9
[2400, 2483.5]	Digital Transmission System (DTS)	2412.00000	4	2399.875000	-43.9
[2400, 2483.5]	Digital Transmission System (DTS)	2412.00000	4	2399.825000	-33.9
[2400, 2483.5]	Digital Transmission System (DTS)	2412.00000	4	2399.775000	-44.1
[2400, 2483.5]	Digital Transmission System (DTS)	2412.00000	4	2399.925000	-33.9
[2400, 2483.5]	Digital Transmission System (DTS)	2412.00000	4	2399.675000	-44.5
[2400, 2483.5]	Digital Transmission System (DTS)	2412.00000	4	2399.475000	-34.0
[2400, 2483.5]	Digital Transmission System (DTS)	2412.00000	4	2399.625000	-44.6
[2400, 2483.5]	Digital Transmission System (DTS)	2412.00000	4	2399.225000	-34.1
[2400, 2483.5]	Digital Transmission System (DTS)	2462.00000	4	2487.375000	-48.7
[2400, 2483.5]	Digital Transmission System (DTS)	2462.00000	4	2486.375000	-48.8
[2400, 2483.5]	Digital Transmission System (DTS)	2462.00000	4	2485.625000	-49.0
[2400, 2483.5]	Digital Transmission System (DTS)	2462.00000	4	2486.325000	-48.8
[2400, 2483.5]	Digital Transmission System (DTS)	2462.00000	4	2487.425000	-49.1
[2400, 2483.5]	Digital Transmission System (DTS)	2462.00000	4	2486.625000	-49.1
[2400, 2483.5]	Digital Transmission System (DTS)	2462.00000	4	2483.775000	-49.3
[2400, 2483.5]	Digital Transmission System (DTS)	2462.00000	4	2494.175000	-49.2
[2400, 2483.5]	Digital Transmission System (DTS)	2462.00000	4	2499.025000	-49.4

Operation Band (MHz)	Equipment	Freq (MHz)	Port	Freq (MHz)	Lvl (dBm)
[2400, 2483.5]	Digital Transmission System (DTS)	2462.00000	4	2488.675000	-49.6
[2400, 2483.5]	Digital Transmission System (DTS)	2462.00000	4	2487.675000	-49.5
[2400, 2483.5]	Digital Transmission System (DTS)	2462.00000	4	2492.525000	-49.6
[2400, 2483.5]	Digital Transmission System (DTS)	2462.00000	4	2483.675000	-49.5
[2400, 2483.5]	Digital Transmission System (DTS)	2462.00000	4	2483.825000	-49.6
[2400, 2483.5]	Digital Transmission System (DTS)	2462.00000	4	2487.125000	-49.6
[2400, 2483.5]	Digital Transmission System (DTS)	2462.00000	4	2485.775000	-49.7
[2400, 2483.5]	Digital Transmission System (DTS)	2462.00000	4	2487.775000	-49.6
[2400, 2483.5]	Digital Transmission System (DTS)	2462.00000	4	2487.325000	-49.7
[2400, 2483.5]	Digital Transmission System (DTS)	2462.00000	4	2491.275000	-49.6
[2400, 2483.5]	Digital Transmission System (DTS)	2462.00000	4	2485.425000	-49.7
[2400, 2483.5]	Digital Transmission System (DTS)	2462.00000	4	2488.275000	-49.6

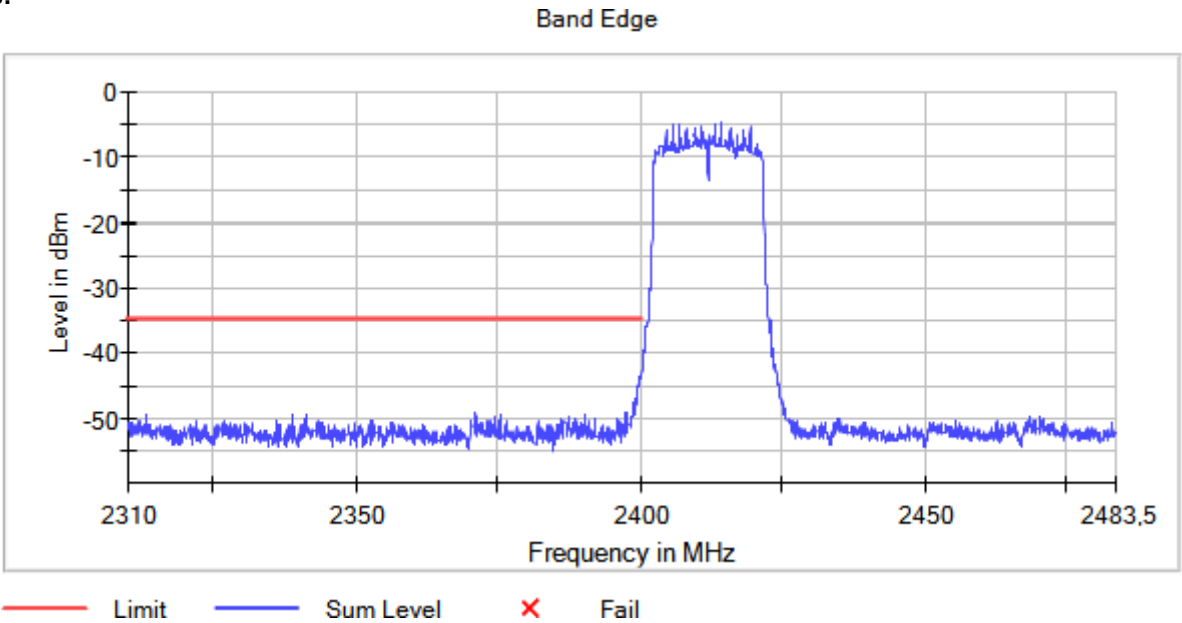
Verdict

Pass

Attachments

Operation Band MHz = [2400, 2483.5] Equipment Type = Digital Transmission System (DTS)
Frequency MHz = 2412.00000 Active Port = 4
Modulation = 802.11ax HE20 (SU)

Images:



Tables:

Spectrum Analyzer Parameters 1

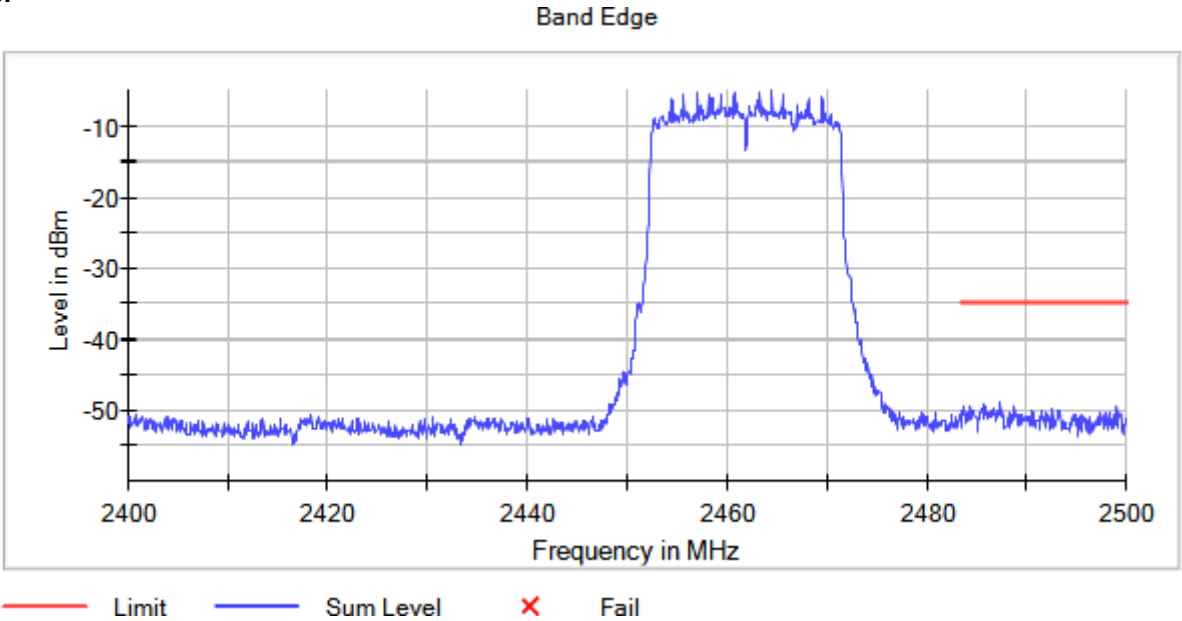
Setting	Instrument Value	Target Value
Start Frequency	2.31000 GHz	2.31000 GHz
Stop Frequency	2.40000 GHz	2.40000 GHz
Span	90.000 MHz	90.000 MHz
RBW	100.000 kHz	<= 100.000 kHz
VBW	300.000 kHz	>= 300.000 kHz
SweepPoints	1800	~ 1800
Sweeptime	113.672 µs	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweeptype	FFT	AUTO
Preamplifier	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	64 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.04 dB	0.50 dB

Operation Band MHz = [2400, 2483.5] Equipment Type = Digital Transmission System (DTS)
Frequency MHz = 2462.00000 Active Port = 4
Modulation = 802.11ax HE20 (SU)

Images:



Tables:

Spectrum Analyzer Parameters 1

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
Preamplifier	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	57 / 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	2.48350 GHz	2.48350 GHz
Stop Frequency	2.50000 GHz	2.50000 GHz
Span	16.500 MHz	16.500 MHz
RBW	100.000 kHz	<= 100.000 kHz
VBW	300.000 kHz	>= 300.000 kHz
SweepPoints	330	~ 330
SweepTime	18.945 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

Results

Modulation: 802.11ax20 OFDMA – RU Subcarrier allocation

Results

Operation Band (MHz)	Equipment	Freq (MHz)	Port	Inband Peak Lvl (dBm)	Freq (MHz)	Lvl (dBm)
[2400, 2483.5]	Digital Transmission System (DTS)	2412.00000	4		2399.625000	-44.6
[2400, 2483.5]	Digital Transmission System (DTS)	2412.00000	4		2399.325000	-34.0
[2400, 2483.5]	Digital Transmission System (DTS)	2412.00000	4		2399.575000	-44.9
[2400, 2483.5]	Digital Transmission System (DTS)	2412.00000	4		2399.525000	-34.1
[2400, 2483.5]	Digital Transmission System (DTS)	2412.00000	4		2399.475000	-45.0
[2400, 2483.5]	Digital Transmission System (DTS)	2412.00000	4		2399.175000	-34.1
[2400, 2483.5]	Digital Transmission System (DTS)	2412.00000	4		2399.525000	-45.1
[2400, 2483.5]	Digital Transmission System (DTS)	2412.00000	4		2399.125000	-34.1
[2400, 2483.5]	Digital Transmission System (DTS)	2412.00000	4		2399.725000	-45.1
[2400, 2483.5]	Digital Transmission System (DTS)	2412.00000	4		2399.575000	-34.1
[2400, 2483.5]	Digital Transmission System (DTS)	2412.00000	4		2399.425000	-45.5
[2400, 2483.5]	Digital Transmission System (DTS)	2412.00000	4		2399.225000	-34.1
[2400, 2483.5]	Digital Transmission System (DTS)	2412.00000	4		2399.375000	-46.4
[2400, 2483.5]	Digital Transmission System (DTS)	2412.00000	4		2399.625000	-34.2
[2400, 2483.5]	Digital Transmission System (DTS)	2412.00000	4		2399.325000	-47.0
[2400, 2483.5]	Digital Transmission System (DTS)	2412.00000	4		2399.675000	-34.2
[2400, 2483.5]	Digital Transmission System (DTS)	2412.00000	4		2398.975000	-47.1
[2400, 2483.5]	Digital Transmission System (DTS)	2412.00000	4		2399.775000	-34.2
[2400, 2483.5]	Digital Transmission System (DTS)	2462.00000	4		2487.075000	-49.5
[2400, 2483.5]	Digital Transmission System (DTS)	2462.00000	4		2488.675000	-49.6
[2400, 2483.5]	Digital Transmission System (DTS)	2462.00000	4		2487.675000	-49.5
[2400, 2483.5]	Digital Transmission System (DTS)	2462.00000	4		2492.525000	-49.6
[2400, 2483.5]	Digital Transmission System (DTS)	2462.00000	4		2483.675000	-49.5

Operation Band (MHz)	Equipment	Freq (MHz)	Port	Inband Peak Lvl (dBm)	Freq (MHz)	Lvl (dBm)
[2400, 2483.5]	Digital Transmission System (DTS)	2462.00000	4		2483.825000	-49.6
[2400, 2483.5]	Digital Transmission System (DTS)	2462.00000	4		2487.125000	-49.6
[2400, 2483.5]	Digital Transmission System (DTS)	2462.00000	4		2485.775000	-49.7
[2400, 2483.5]	Digital Transmission System (DTS)	2462.00000	4		2487.775000	-49.6
[2400, 2483.5]	Digital Transmission System (DTS)	2462.00000	4		2487.325000	-49.7
[2400, 2483.5]	Digital Transmission System (DTS)	2462.00000	4		2491.275000	-49.6
[2400, 2483.5]	Digital Transmission System (DTS)	2462.00000	4		2485.425000	-49.7
[2400, 2483.5]	Digital Transmission System (DTS)	2462.00000	4		2488.275000	-49.6

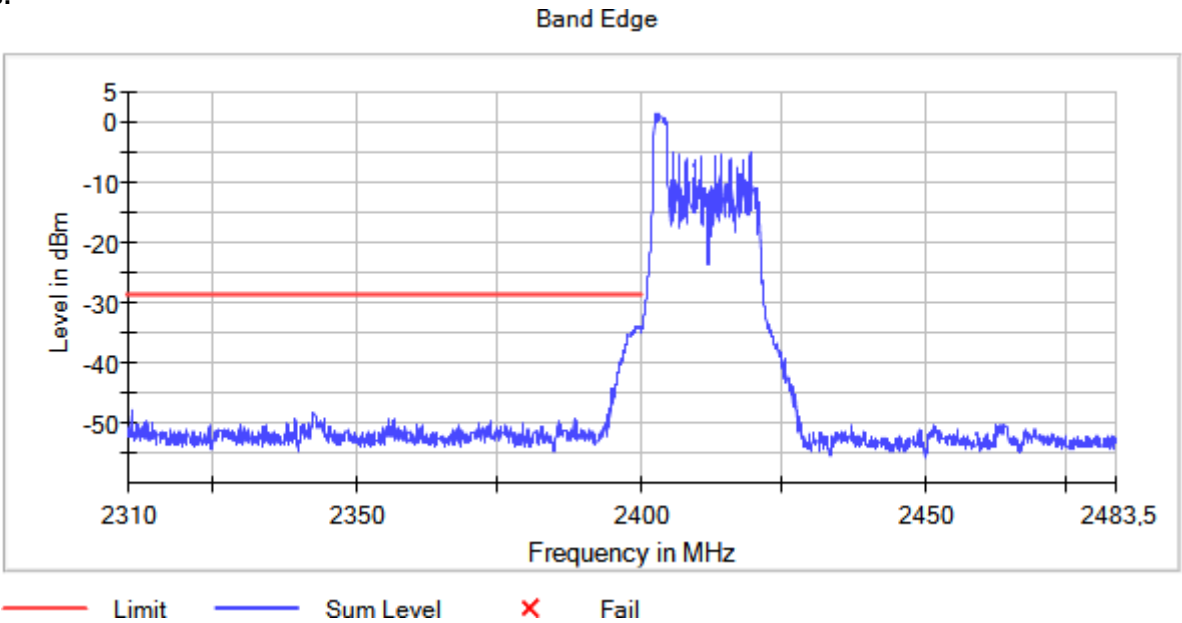
Verdict

Pass

Attachments

Operation Band MHz = [2400, 2483.5] Equipment Type = Digital Transmission System (DTS)
Frequency MHz = 2412.00000 Active Port = 4
Modulation = 802.11ax HE20 (RU26 offset 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
Preamplifier	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	5 / 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	14 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.47 dB	0.50 dB

Operation Band MHz = [2400, 2483.5]

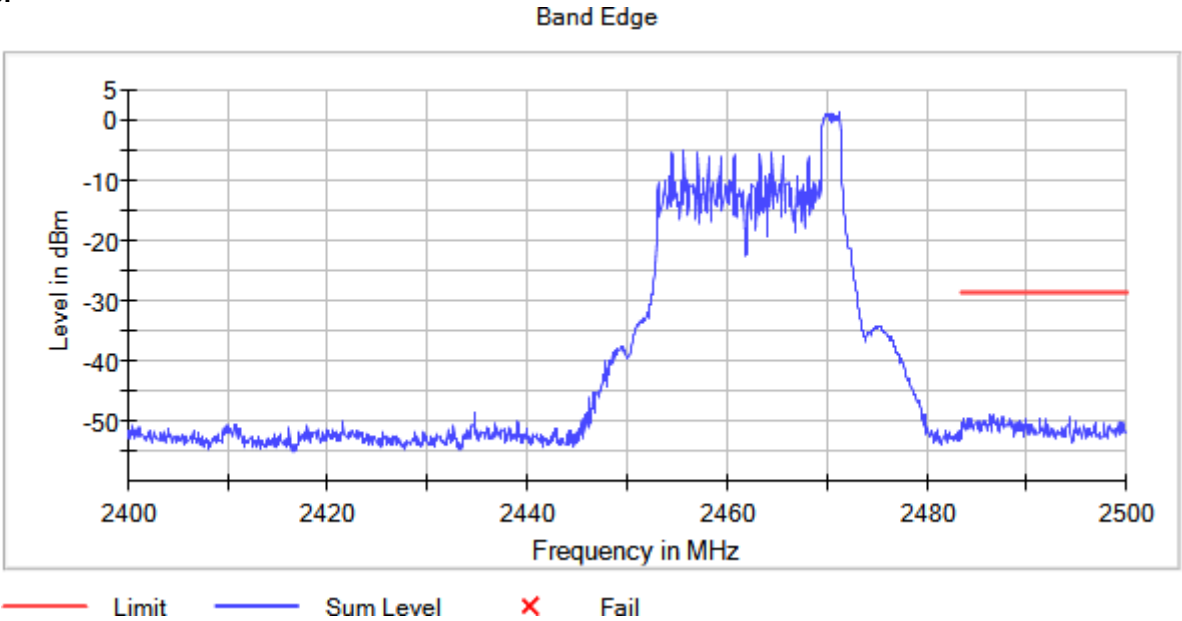
Equipment Type = Digital Transmission System (DTS)

Frequency MHz = 2462.00000

Active Port = 4

Modulation = 802.11ax HE20 (RU 26 offset 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	5 / 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	14 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.47 dB	0.50 dB

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.

Modulation: 802.11b (DSSS 1 Mbit/s)

Results

Freq Rng (GHz)	Operation Band (MHz)	Equipment	Freq (MHz)	Port	Unwanted Freq (MHz)	Unwanted Lvl (dBμV/m)	Pol	Detector
[0.03, 1]	[2400, 2483.5]	Digital Transmission System (DTS)	2412.00000	1	34.753	22.12	H	QP
[0.03, 1]	[2400, 2483.5]	Digital Transmission System (DTS)	2412.00000	1	34.753	27.48	H	PK
[0.03, 1]	[2400, 2483.5]	Digital Transmission System (DTS)	2412.00000	1	47.800	15.48	H	QP
[0.03, 1]	[2400, 2483.5]	Digital Transmission System (DTS)	2412.00000	1	47.800	21.22	H	PK
[0.03, 1]	[2400, 2483.5]	Digital Transmission System (DTS)	2412.00000	1	50.224	21.08	H	QP

Freq Rng (GHz)	Operation Band (MHz)	Equipment	Freq (MHz)	Port	Unwanted Freq (MHz)	Unwanted Lvl (dBµV/m)	Pol	Detector
[0.03, 1]	[2400, 2483.5]	Digital Transmission System (DTS)	2412.00000	1	50.224	24.61	H	PK
[0.03, 1]	[2400, 2483.5]	Digital Transmission System (DTS)	2412.00000	1	600.069	31.76	H	PK
[0.03, 1]	[2400, 2483.5]	Digital Transmission System (DTS)	2412.00000	1	600.069	27.48	H	QP
[0.03, 1]	[2400, 2483.5]	Digital Transmission System (DTS)	2412.00000	1	730.049	29.49	H	PK
[0.03, 1]	[2400, 2483.5]	Digital Transmission System (DTS)	2412.00000	1	730.049	23.98	H	QP
[0.03, 1]	[2400, 2483.5]	Digital Transmission System (DTS)	2437.00000	1	31.116	30.33	V	PK
[0.03, 1]	[2400, 2483.5]	Digital Transmission System (DTS)	2437.00000	1	31.116	25.63	V	QP
[0.03, 1]	[2400, 2483.5]	Digital Transmission System (DTS)	2437.00000	1	594.055	32.98	H	QP
[0.03, 1]	[2400, 2483.5]	Digital Transmission System (DTS)	2437.00000	1	594.055	38.00	H	PK
[0.03, 1]	[2400, 2483.5]	Digital Transmission System (DTS)	2437.00000	1	600.020	28.11	H	QP
[0.03, 1]	[2400, 2483.5]	Digital Transmission System (DTS)	2437.00000	1	600.020	32.55	H	PK
[0.03, 1]	[2400, 2483.5]	Digital Transmission System (DTS)	2437.00000	1	935.107	31.06	V	PK
[0.03, 1]	[2400, 2483.5]	Digital Transmission System (DTS)	2437.00000	1	935.107	25.68	V	QP

Verdict

Pass

Attachments

Frequency Range GHz = [0.03, 1]

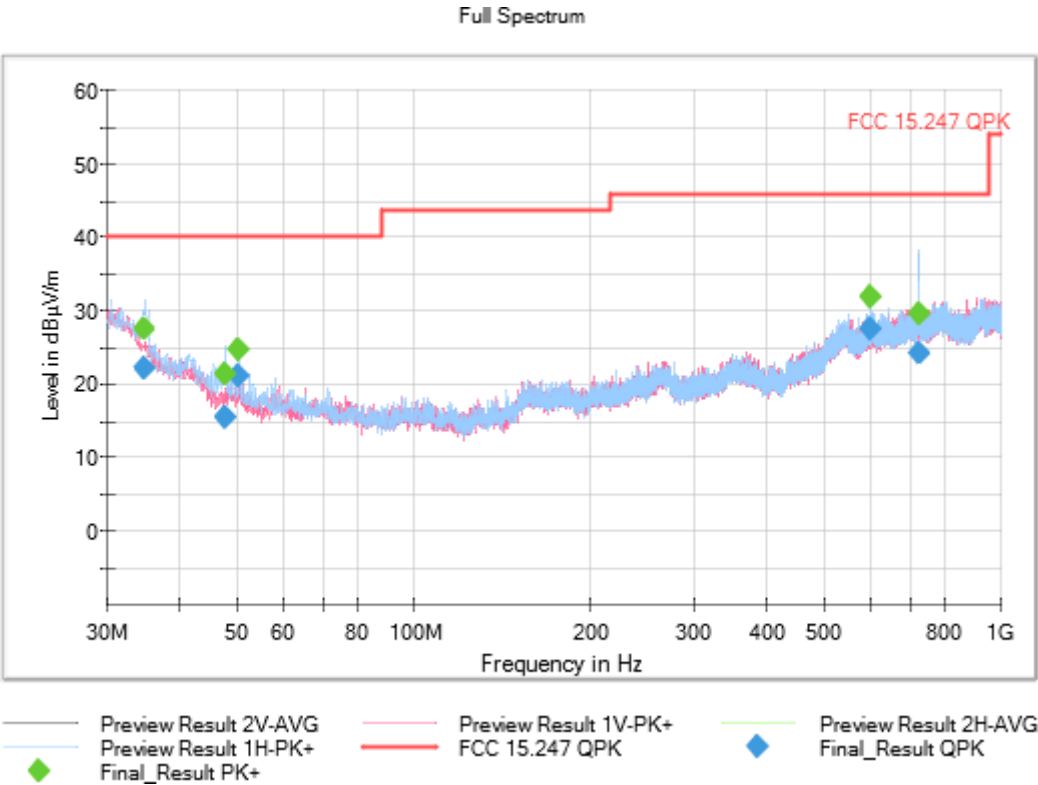
Operation Band MHz = [2400, 2483.5]

Equipment Type = Digital Transmission System (DTS)

The spurious frequencies detected do not depend on the transmission channel or the Modulation

Active Port = 4

Images:



Frequency Range GHz = [1, 17]

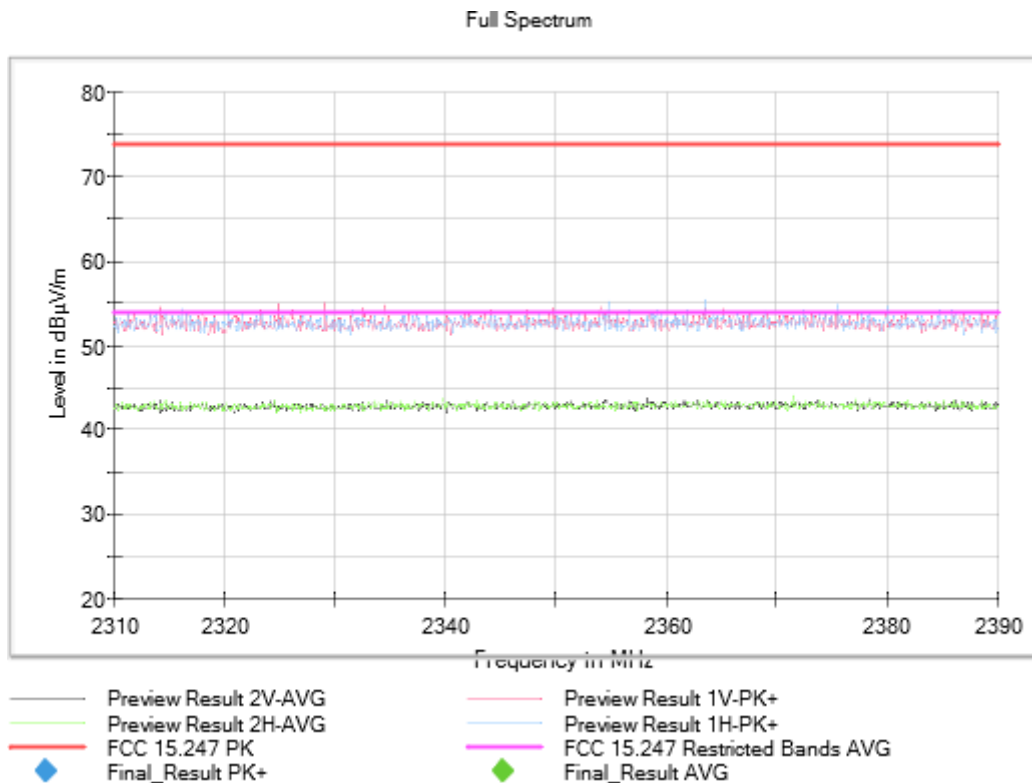
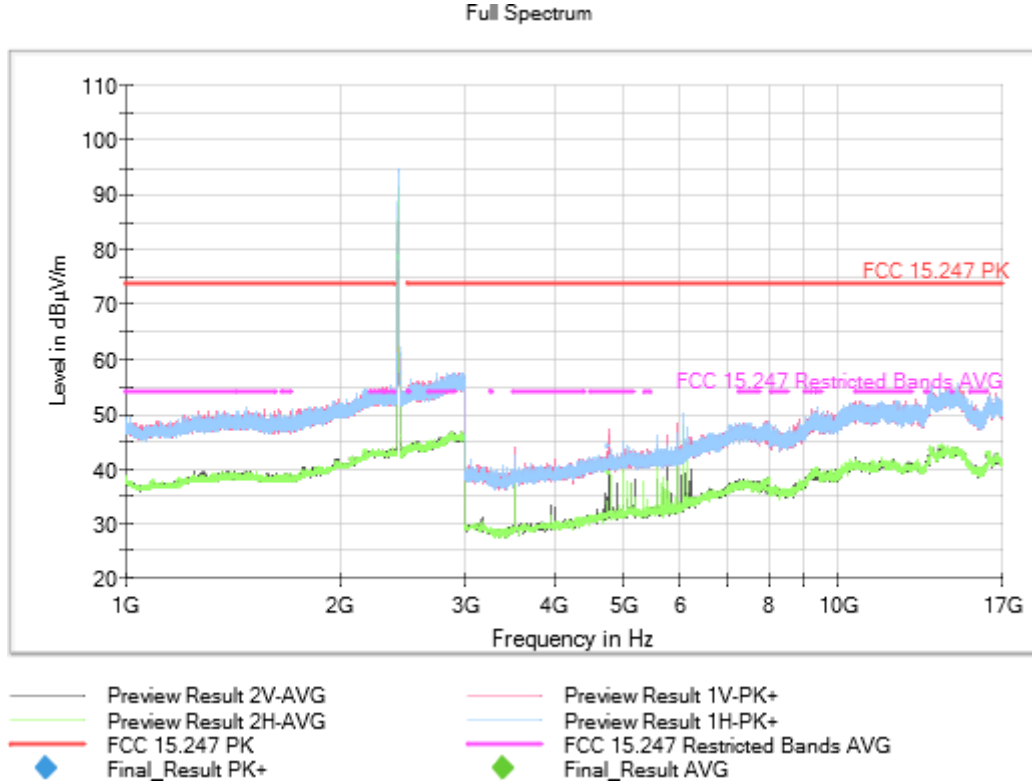
Operation Band MHz = [2400, 2483.5]

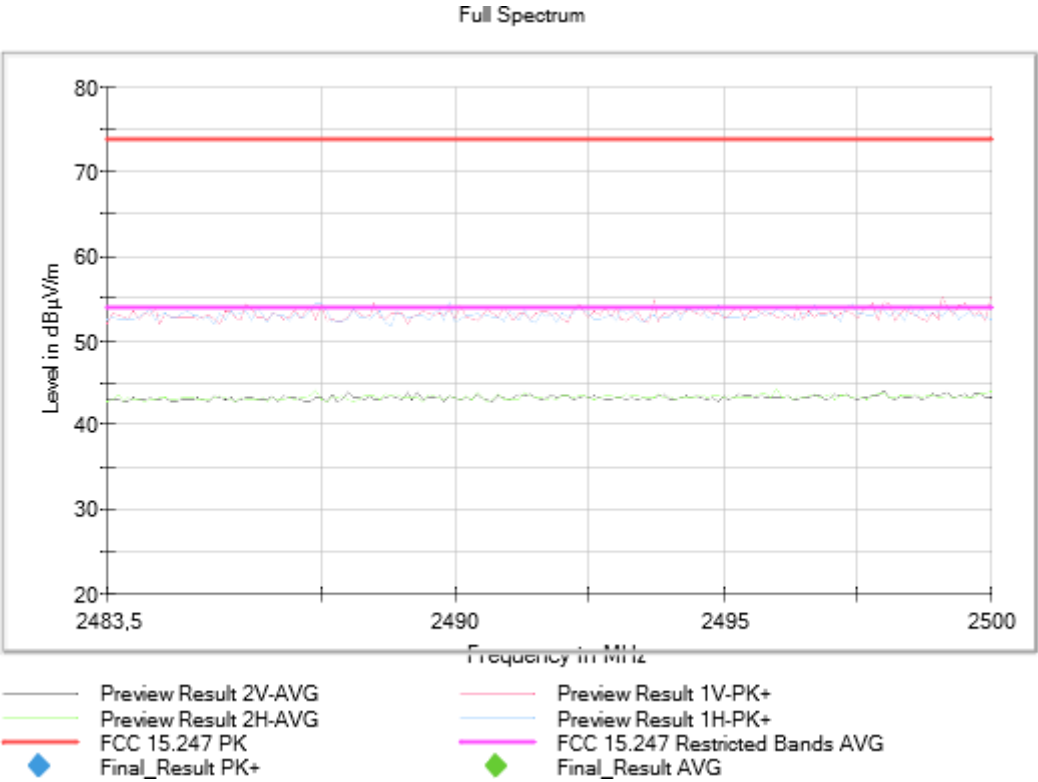
Equipment Type = Digital Transmission System (DTS) Frequency MHz = 2412.00000

Active Port = 4

Modulation = 802.11b (DSSS 1 Mbit/s)

Images:





Frequency Range GHz = [1, 17]

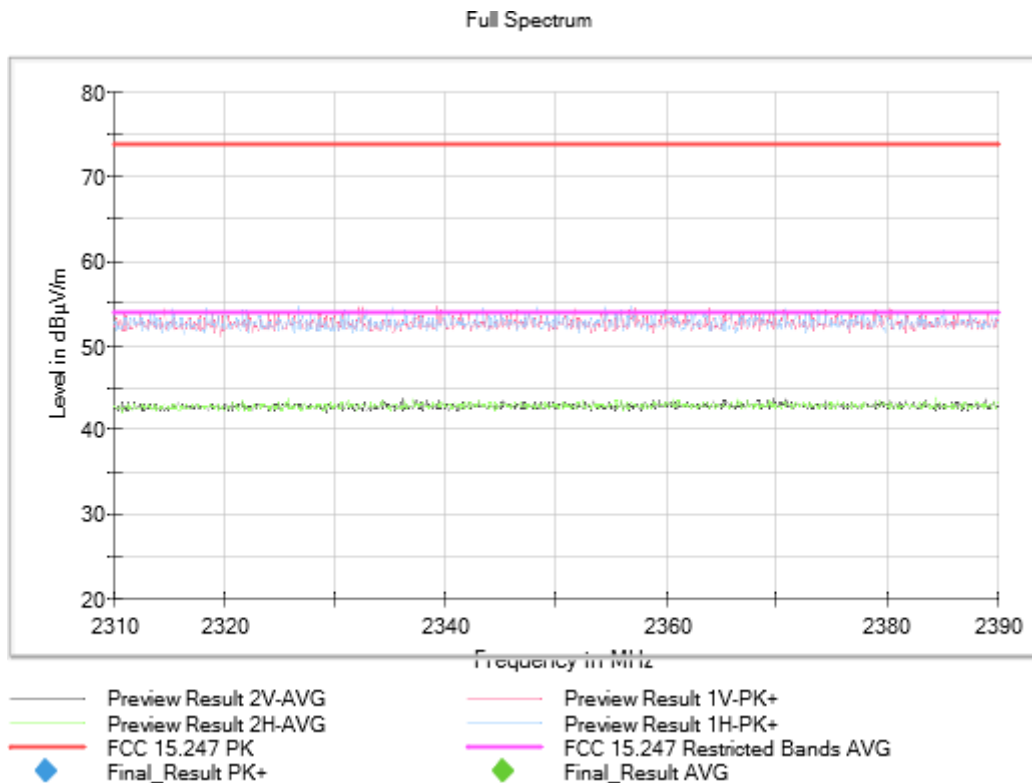
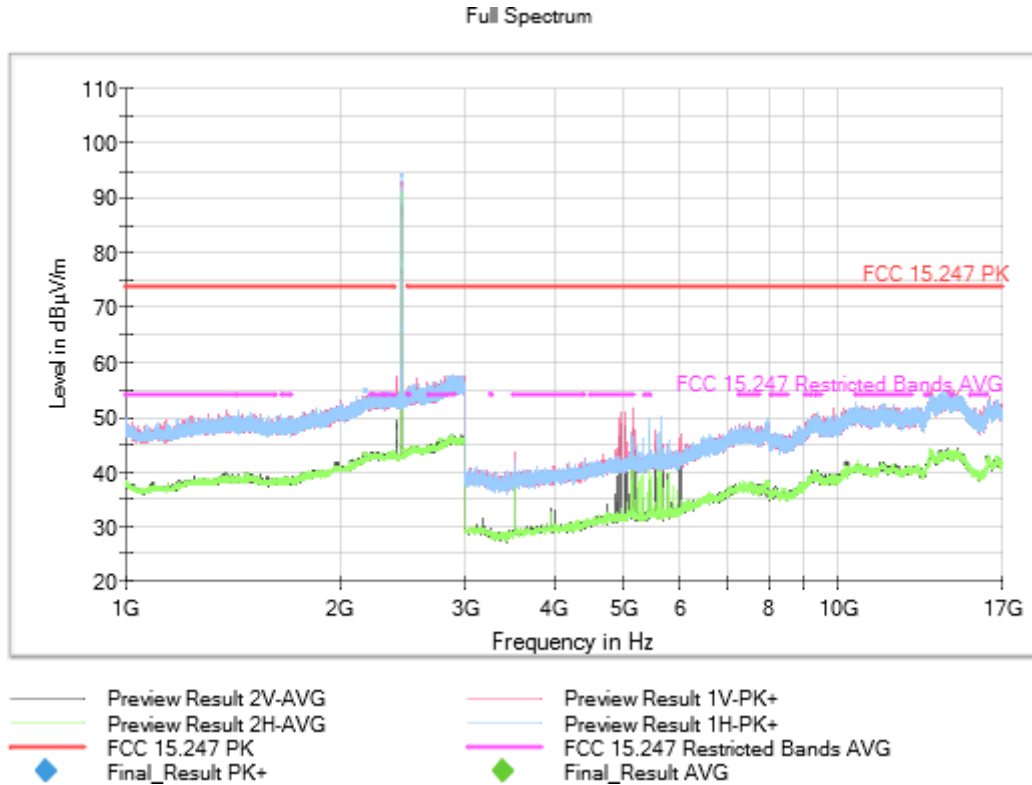
Operation Band MHz = [2400, 2483.5]

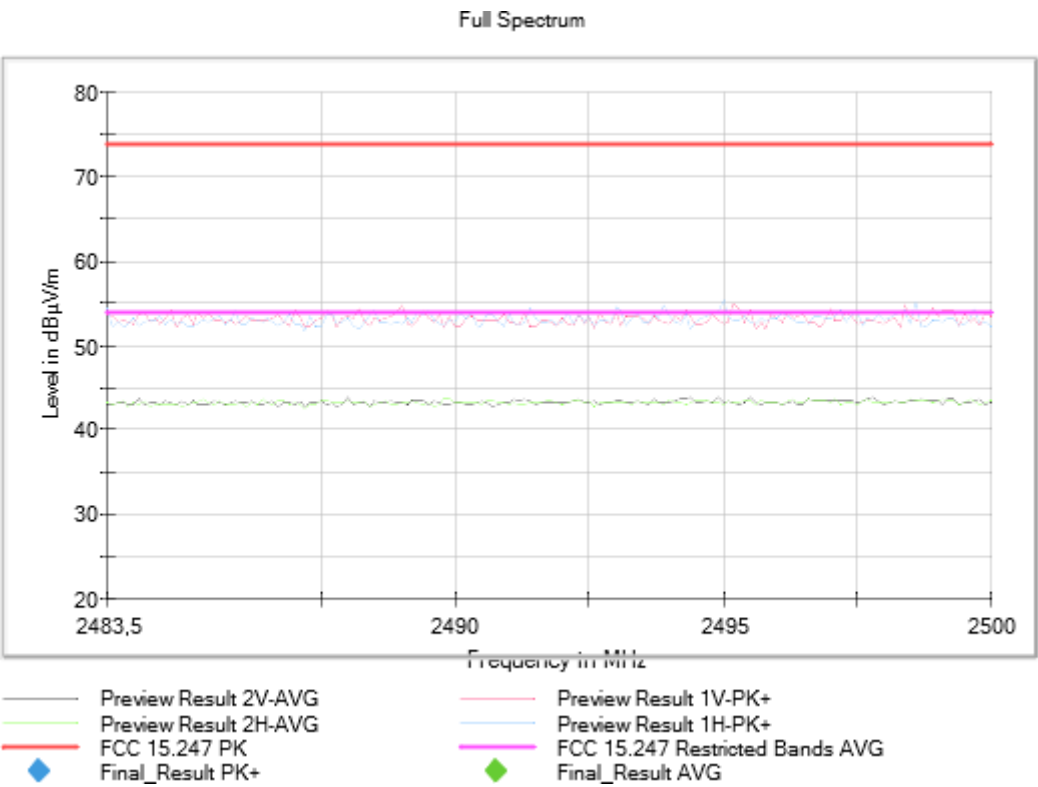
Equipment Type = Digital Transmission System (DTS) Frequency MHz = 2437.00000

Active Port = 4

Modulation = 802.11b (DSSS 1 Mbit/s)

Images:





Frequency Range GHz = [1, 17]

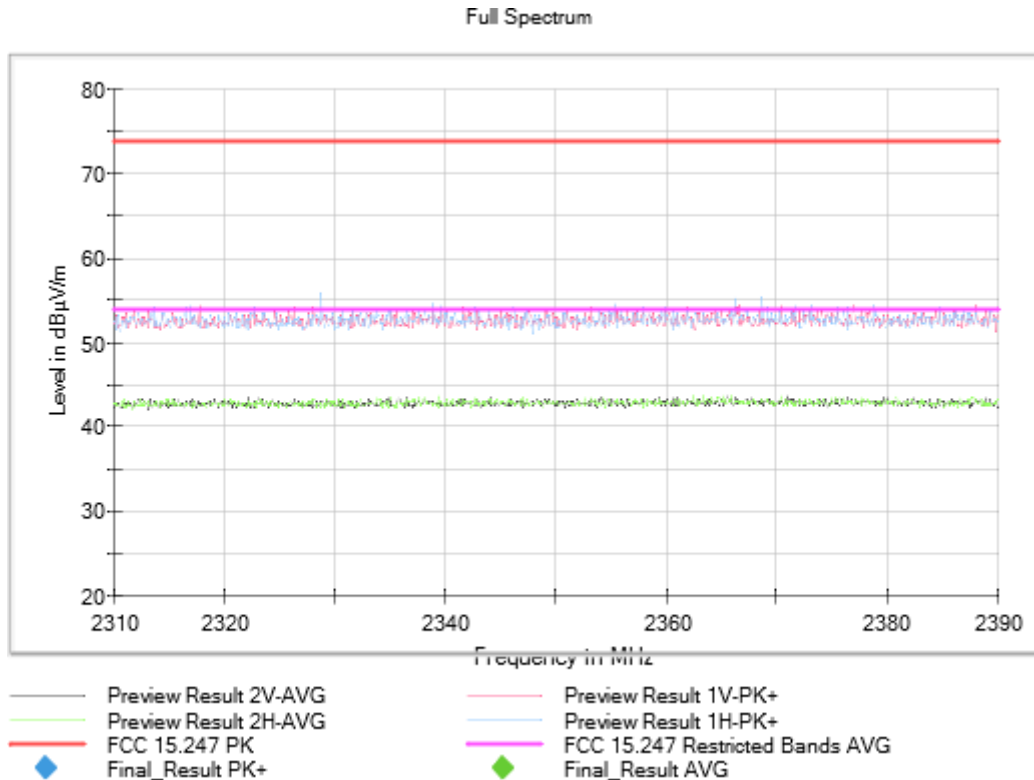
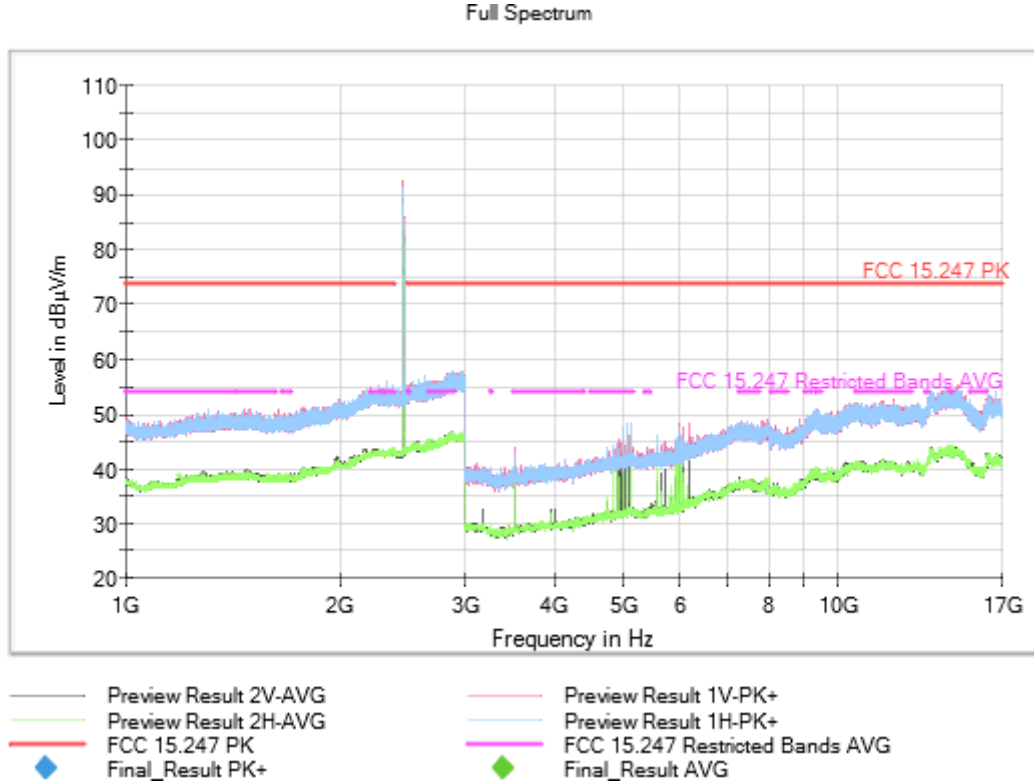
Operation Band MHz = [2400, 2483.5]

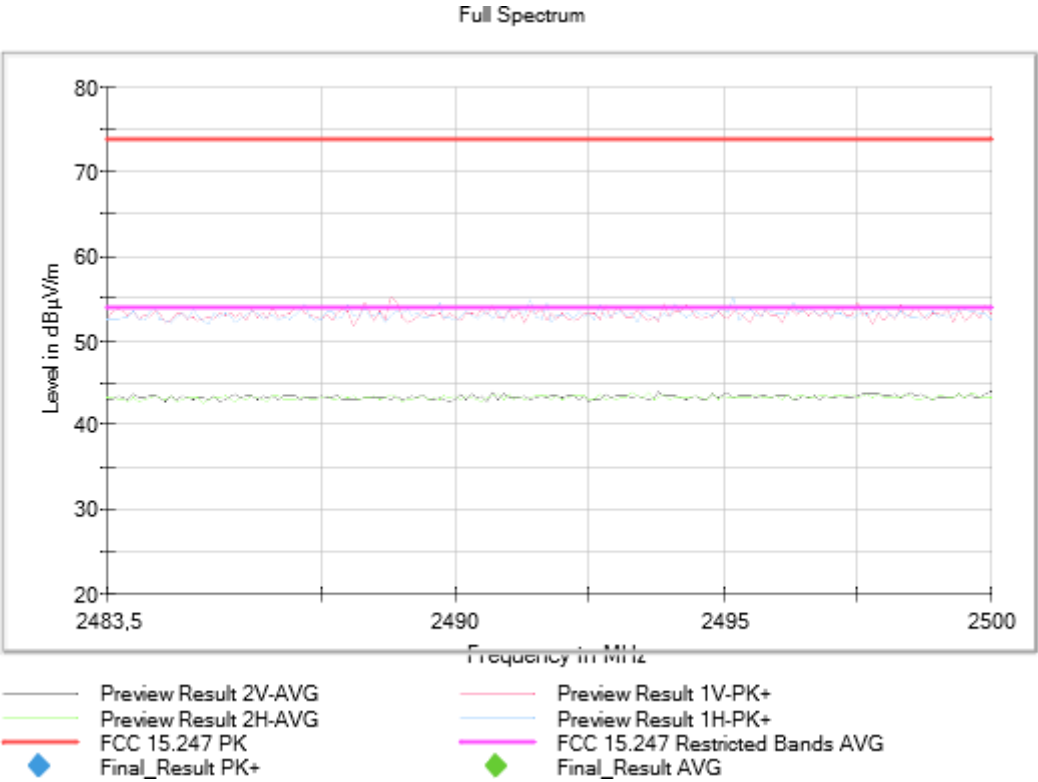
Equipment Type = Digital Transmission System (DTS) Frequency MHz = 2462.00000

Active Port = 4

Modulation = 802.11b (DSSS 1 Mbit/s)

Images:





Frequency Range GHz = [17, 26]

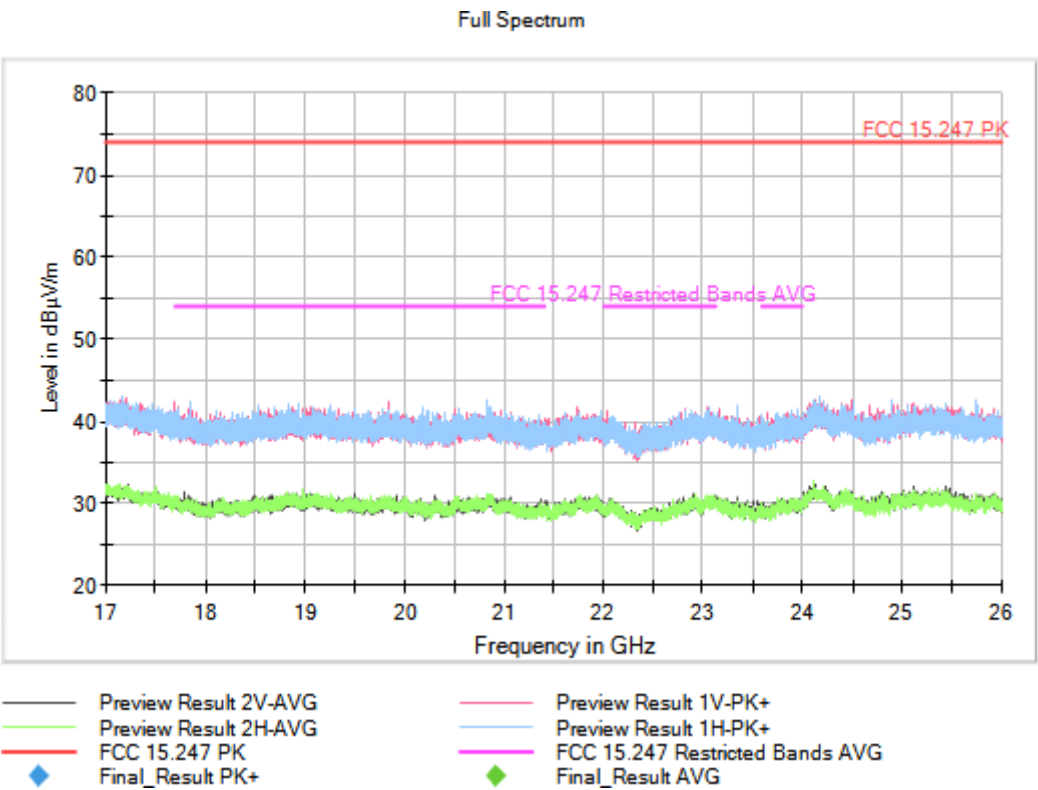
Operation Band MHz = [2400, 2483.5]

Equipment Type = Digital Transmission
System (DTS)

The spurious frequencies detected do not depend on the
transmission channel or the Modulation

Active Port = 4

Images:



Results

Modulation: 802.11g (OFDM 6 Mbit/s)

Results

Freq Rng (GHz)	Operation Band (MHz)	Equipment	Freq (MHz)	Port	Unwanted Freq (MHz)	Unwanted Lvl (dBµV/m)	Pol	Detector
[0.03, 1]	[2400, 2483.5]	Digital Transmission System (DTS)	2437.00000	1	34.462	26.55	H	QP
[0.03, 1]	[2400, 2483.5]	Digital Transmission System (DTS)	2437.00000	1	34.462	32.08	H	PK
[0.03, 1]	[2400, 2483.5]	Digital Transmission System (DTS)	2437.00000	1	41.883	19.96	H	QP
[0.03, 1]	[2400, 2483.5]	Digital Transmission System (DTS)	2437.00000	1	41.883	25.28	H	PK
[0.03, 1]	[2400, 2483.5]	Digital Transmission System (DTS)	2437.00000	1	59.148	14.11	H	QP
[0.03, 1]	[2400, 2483.5]	Digital Transmission System (DTS)	2437.00000	1	59.148	20.07	H	PK
[0.03, 1]	[2400, 2483.5]	Digital Transmission System (DTS)	2437.00000	1	600.020	29.96	H	QP
[0.03, 1]	[2400, 2483.5]	Digital Transmission System (DTS)	2437.00000	1	600.020	33.24	H	PK
[0.03, 1]	[2400, 2483.5]	Digital Transmission System (DTS)	2437.00000	1	875.015	32.66	V	PK
[0.03, 1]	[2400, 2483.5]	Digital Transmission System (DTS)	2437.00000	1	875.015	28.86	V	QP
[0.03, 1]	[2400, 2483.5]	Digital Transmission System (DTS)	2437.00000	1	921.430	29.61	H	PK
[0.03, 1]	[2400, 2483.5]	Digital Transmission System (DTS)	2437.00000	1	921.430	24.58	H	QP

Verdict

Pass

Attachments

Frequency Range GHz = [0.03, 1]

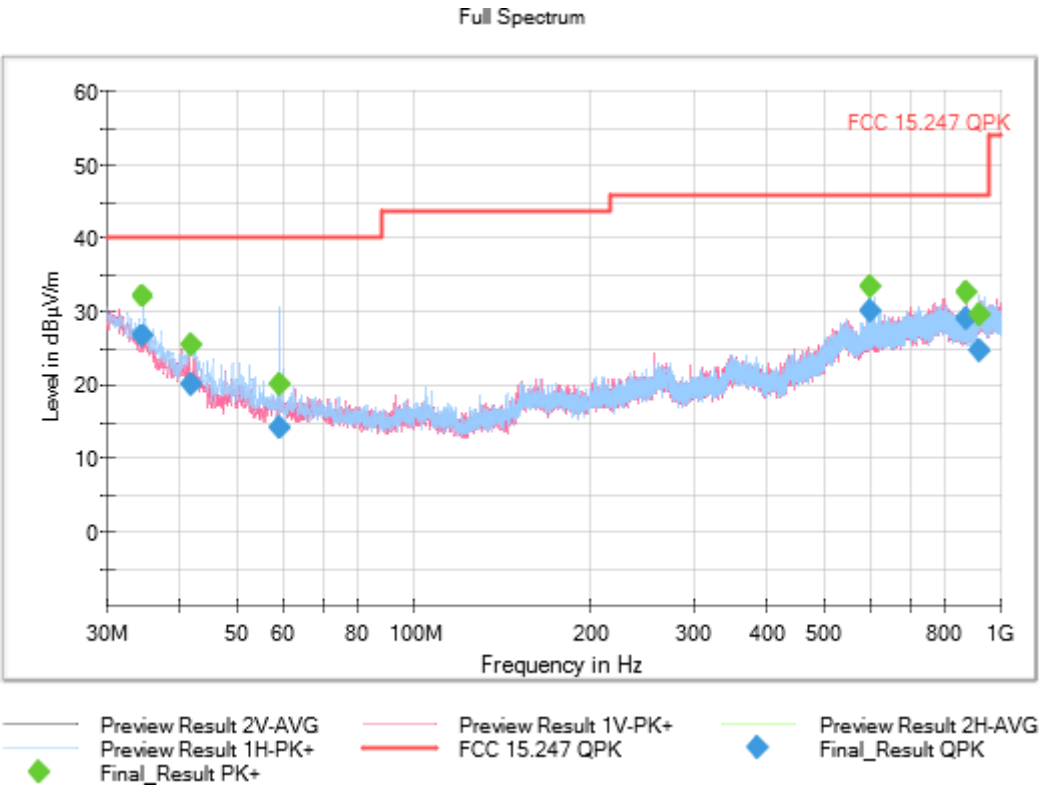
Operation Band MHz = [2400, 2483.5]

Equipment Type = Digital Transmission System (DTS)

The spurious frequencies detected do not depend on the transmission channel or the Modulation

Active Port = 4

Images:



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	0 dB

Frequency Range GHz = [1, 17]

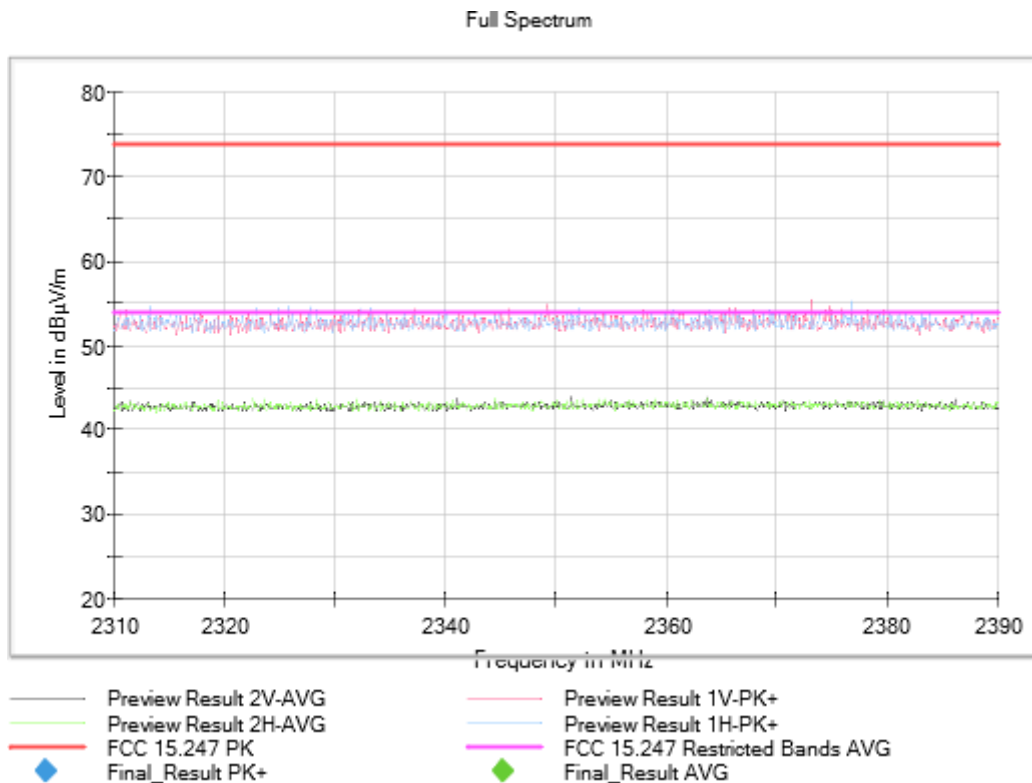
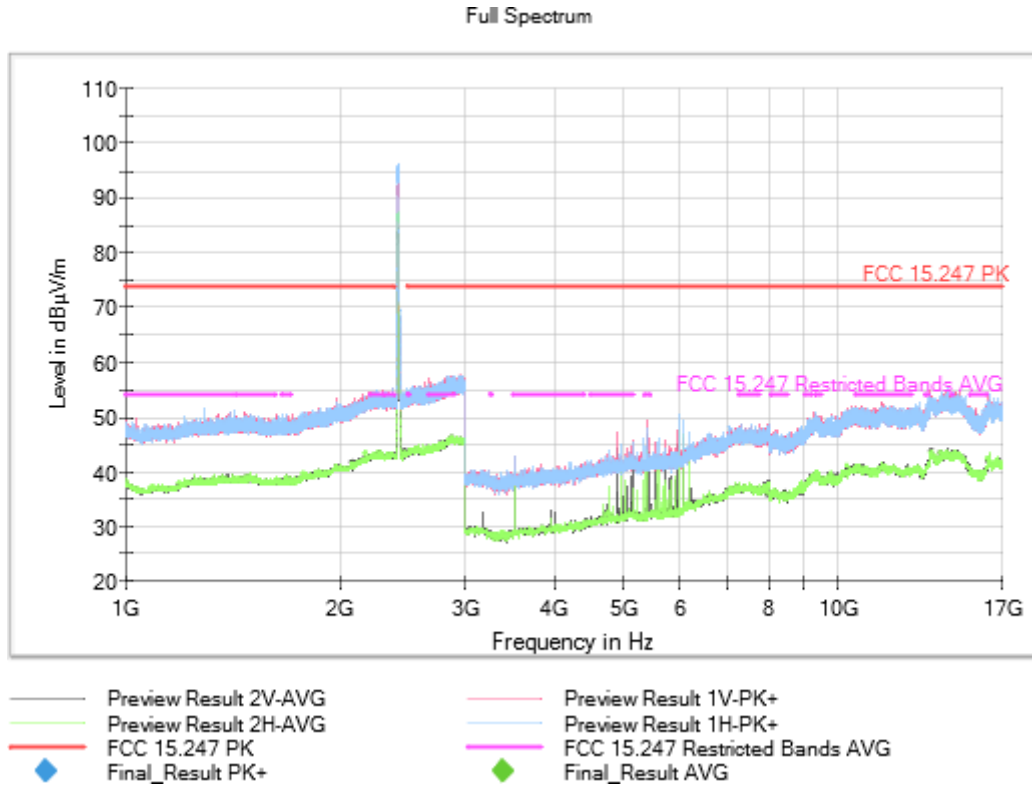
Operation Band MHz = [2400, 2483.5]

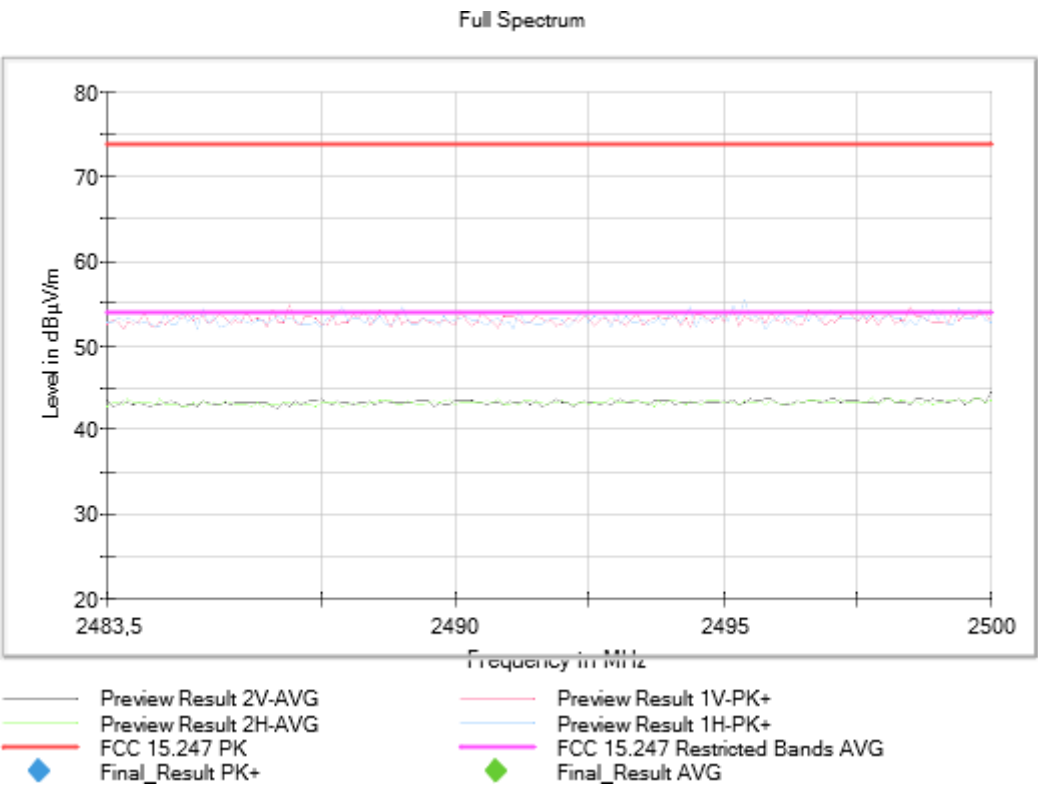
Equipment Type = Digital Transmission System (DTS) Frequency MHz = 2412.00000

Active Port = 4

Modulation = 802.11g (OFDM 6 Mbit/s)

Images:





Frequency Range GHz = [1, 17]

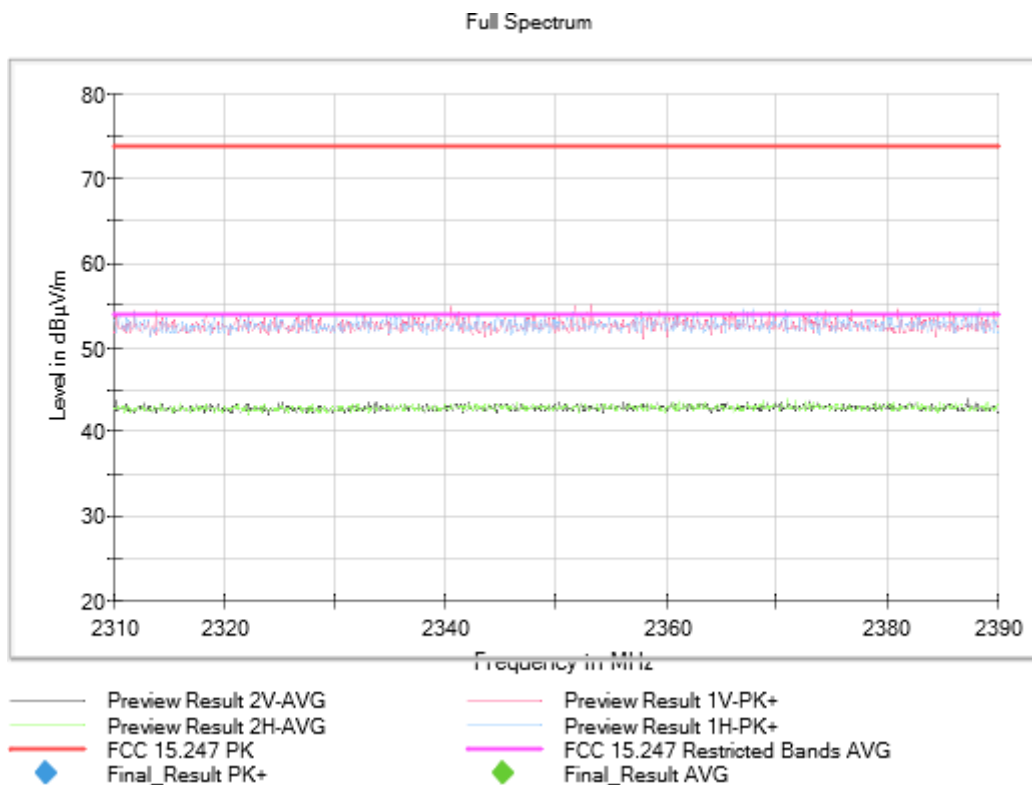
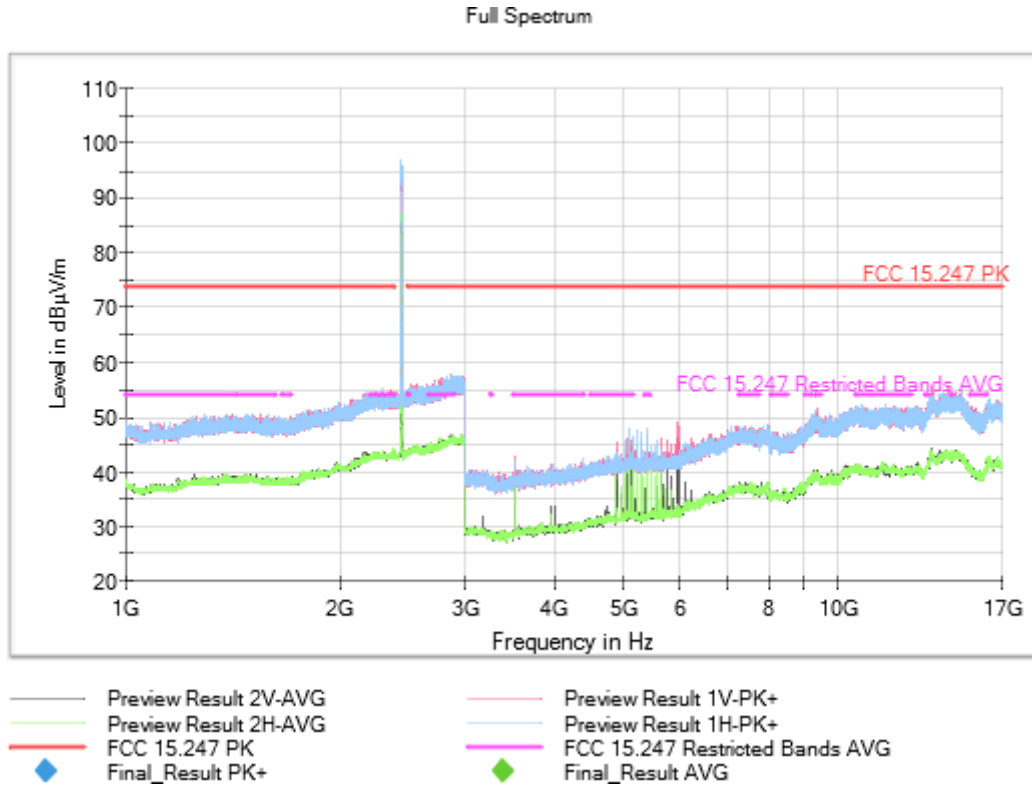
Operation Band MHz = [2400, 2483.5]

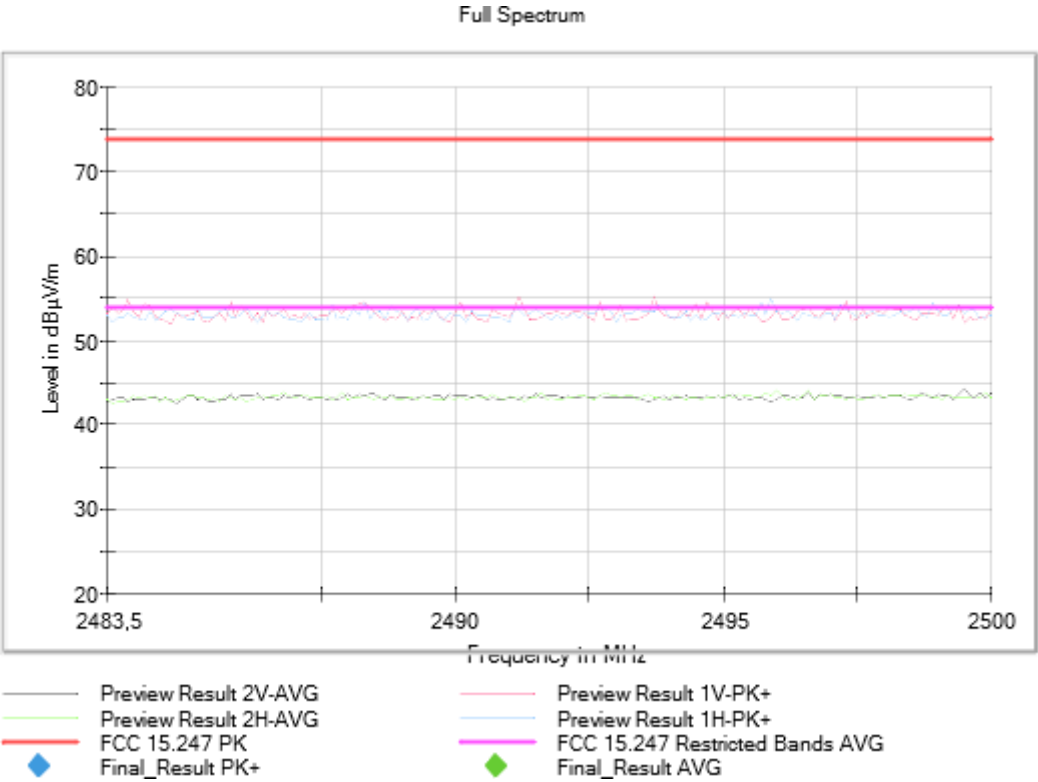
Equipment Type = Digital Transmission System (DTS) Frequency MHz = 2437.00000

Active Port = 4

Modulation = 802.11g (OFDM 6 Mbit/s)

Images:





Frequency Range GHz = [1, 17]

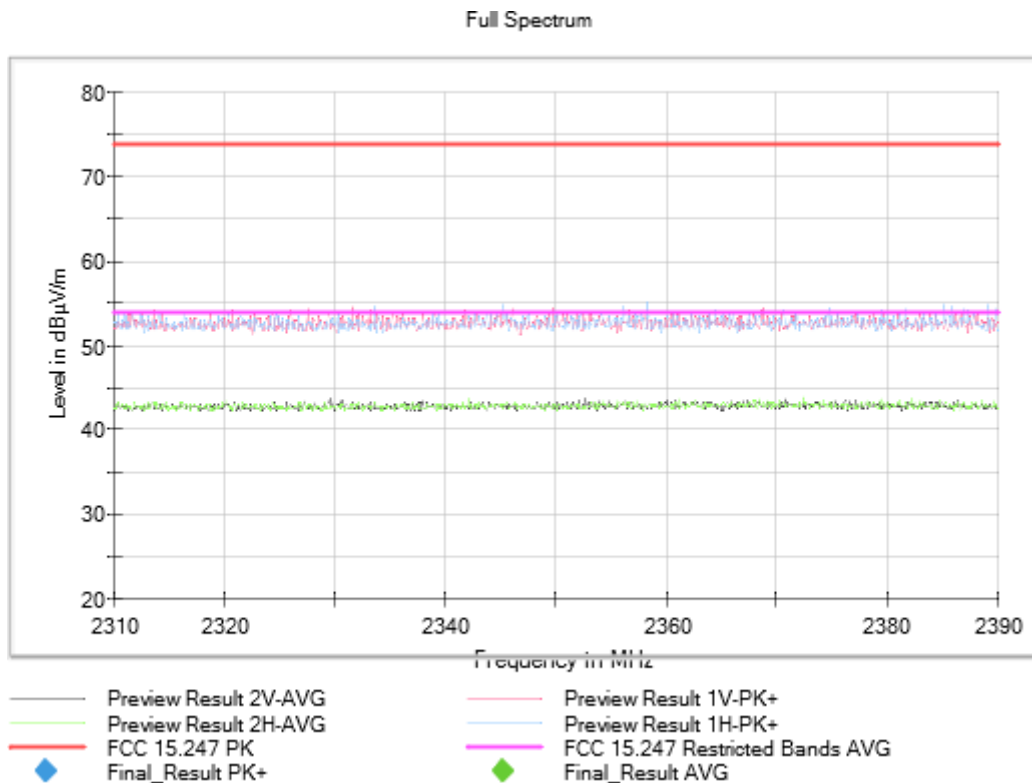
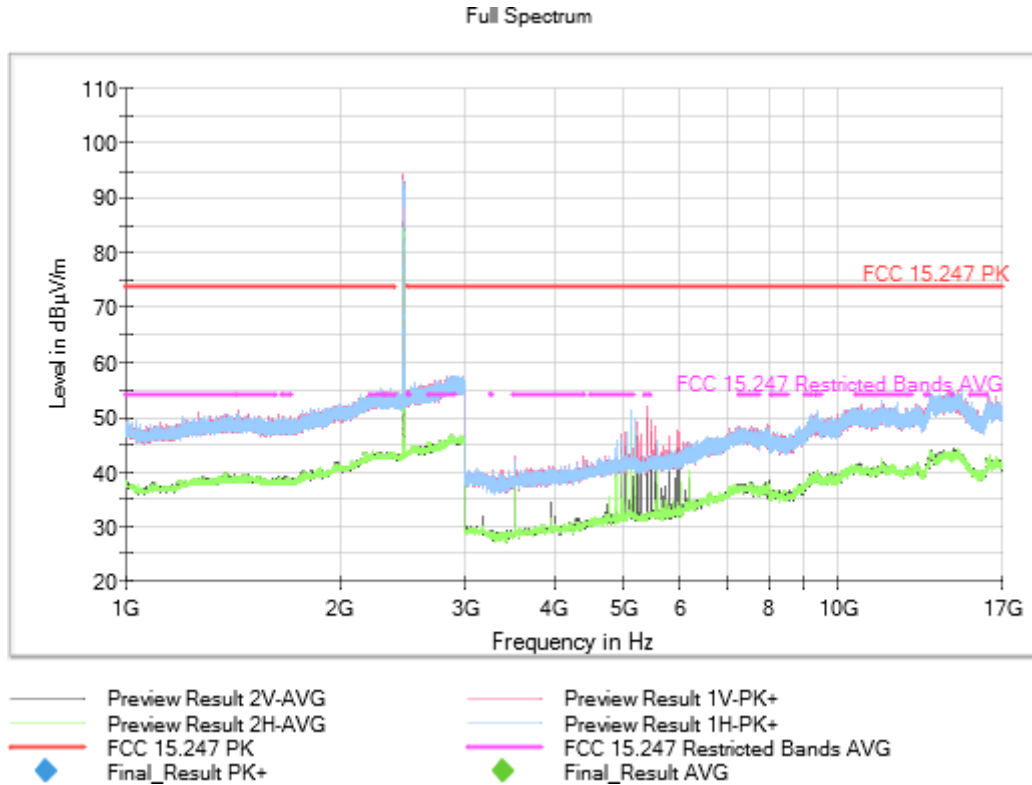
Operation Band MHz = [2400, 2483.5]

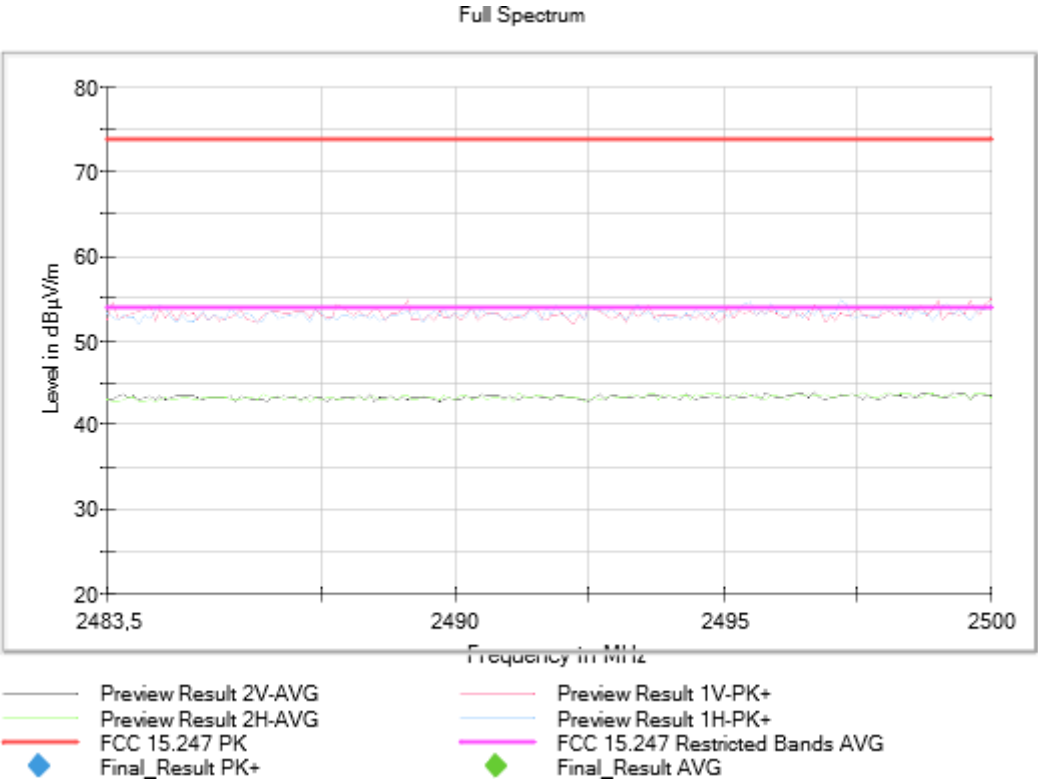
Equipment Type = Digital Transmission System (DTS) Frequency MHz = 2462.00000

Active Port = 4

Modulation = 802.11g (OFDM 6 Mbit/s)

Images:





Frequency Range GHz = [17, 26]

Operation Band MHz = [2400, 2483.5]

Equipment Type = Digital Transmission System (DTS)

The spurious frequencies detected do not depend on the transmission channel or the Modulation

Active Port = 4

Images:



Results

Modulation: 802.11n HT20 (OFDM MCS0)

MIMO Mode: SISO

No spurious emission were detected

Verdict

Pass

Attachments

Frequency Range GHz = [1, 17]

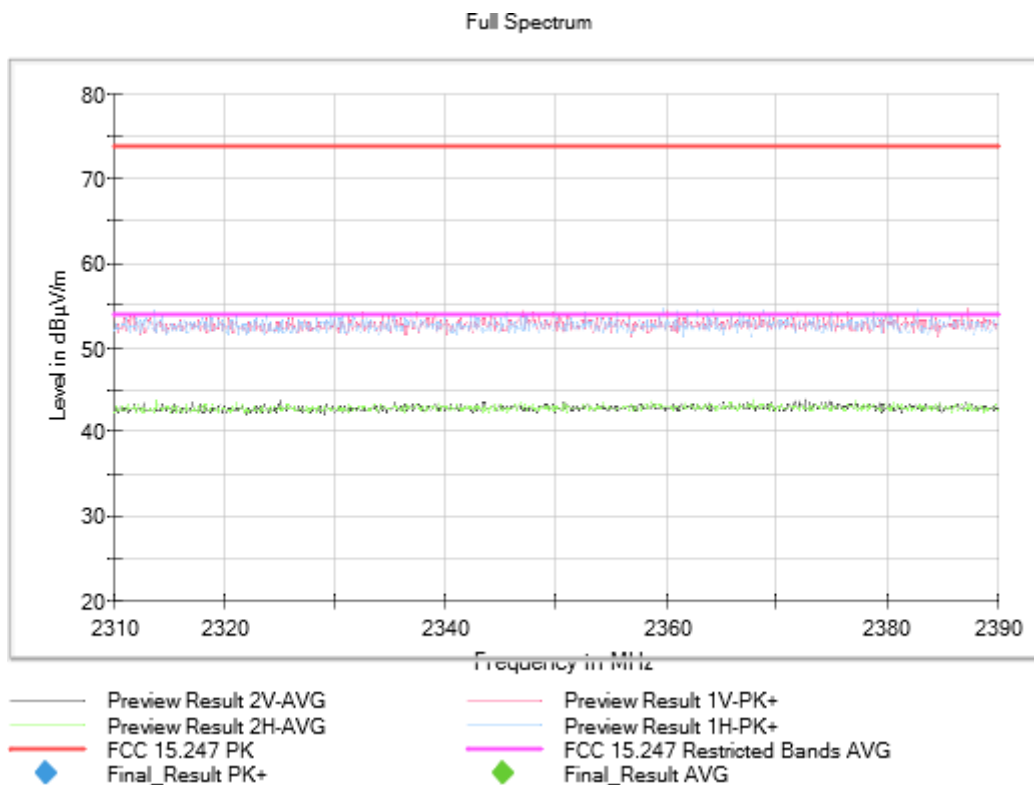
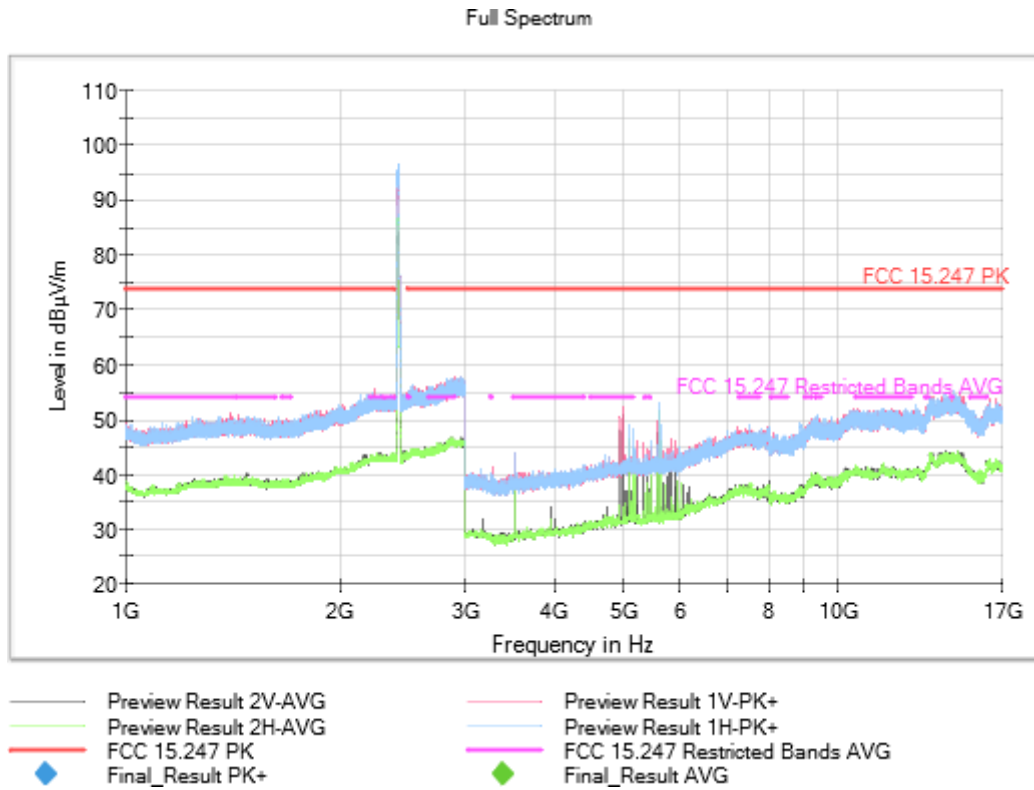
Operation Band MHz = [2400, 2483.5]

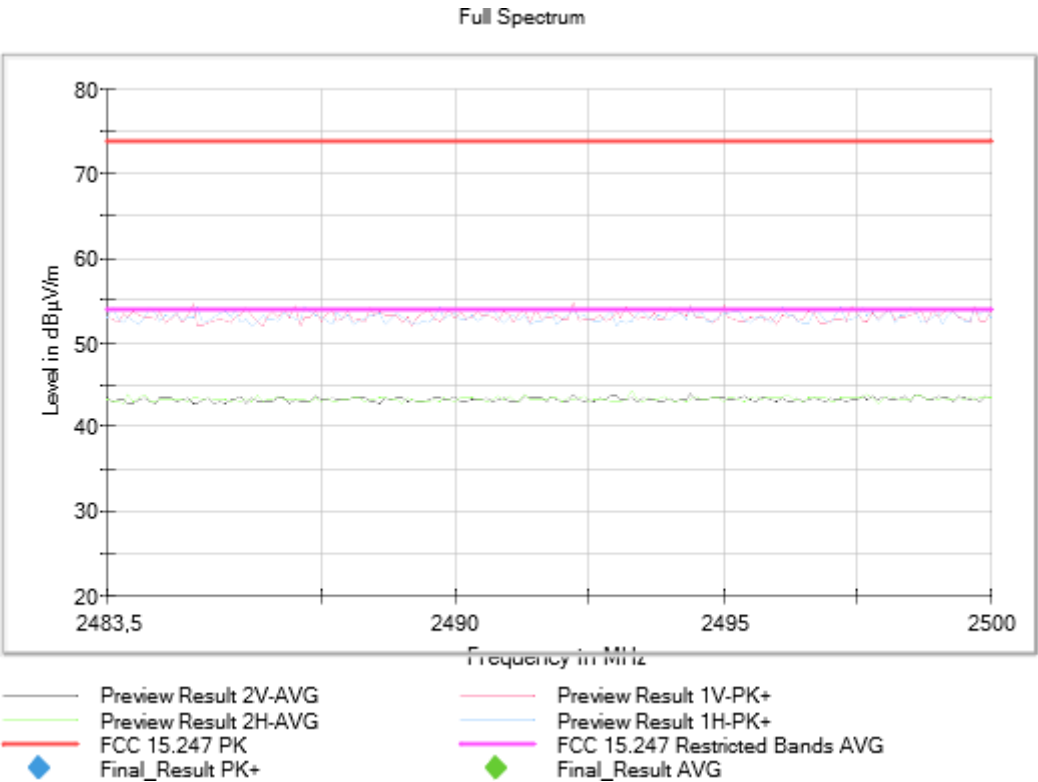
Equipment Type = Digital Transmission System (DTS) Frequency MHz = 2412.00000

Active Port = 4

Modulation = 802.11n HT20 (OFDM MCS0)

Images:





Frequency Range GHz = [1, 17]

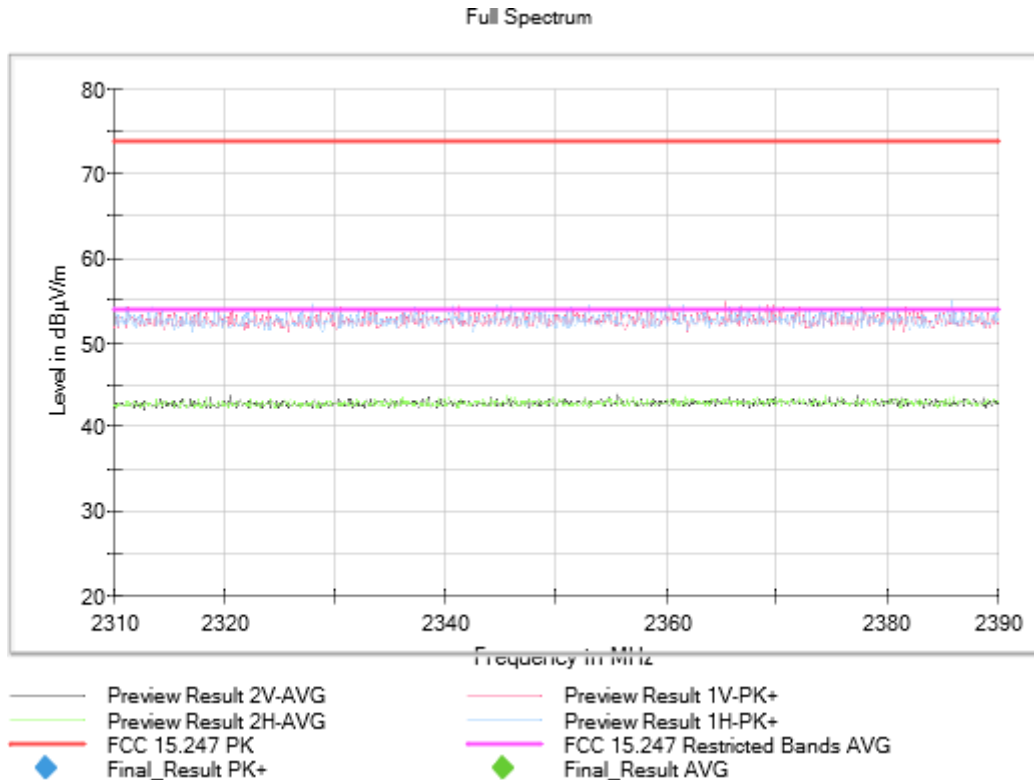
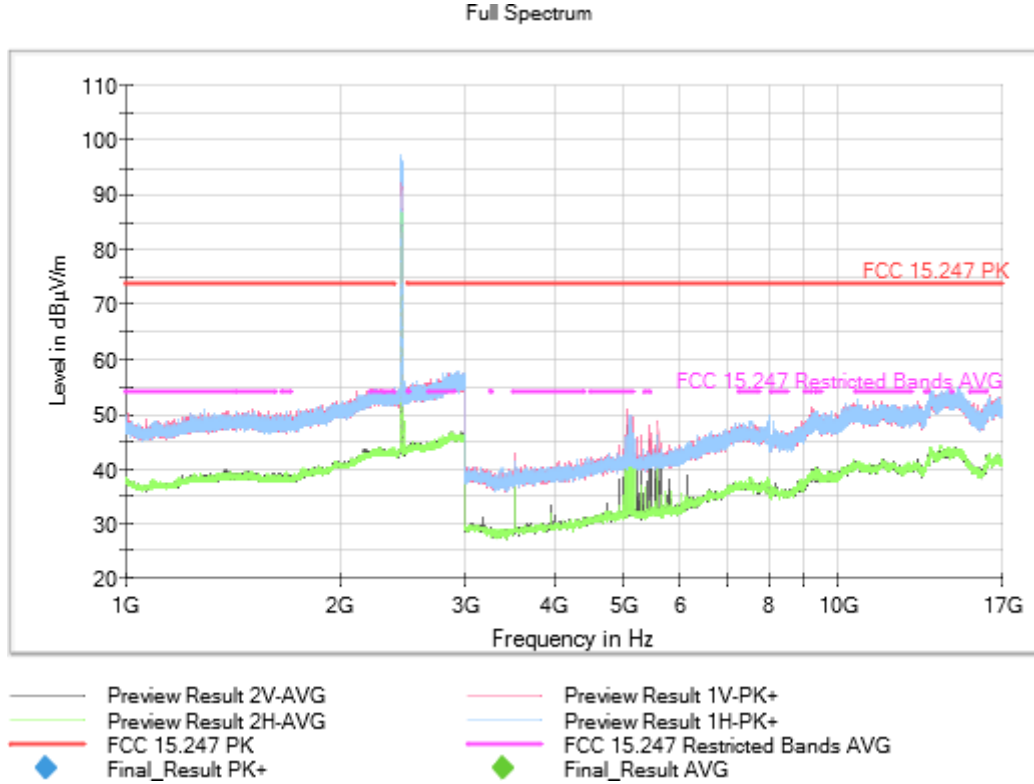
Operation Band MHz = [2400, 2483.5]

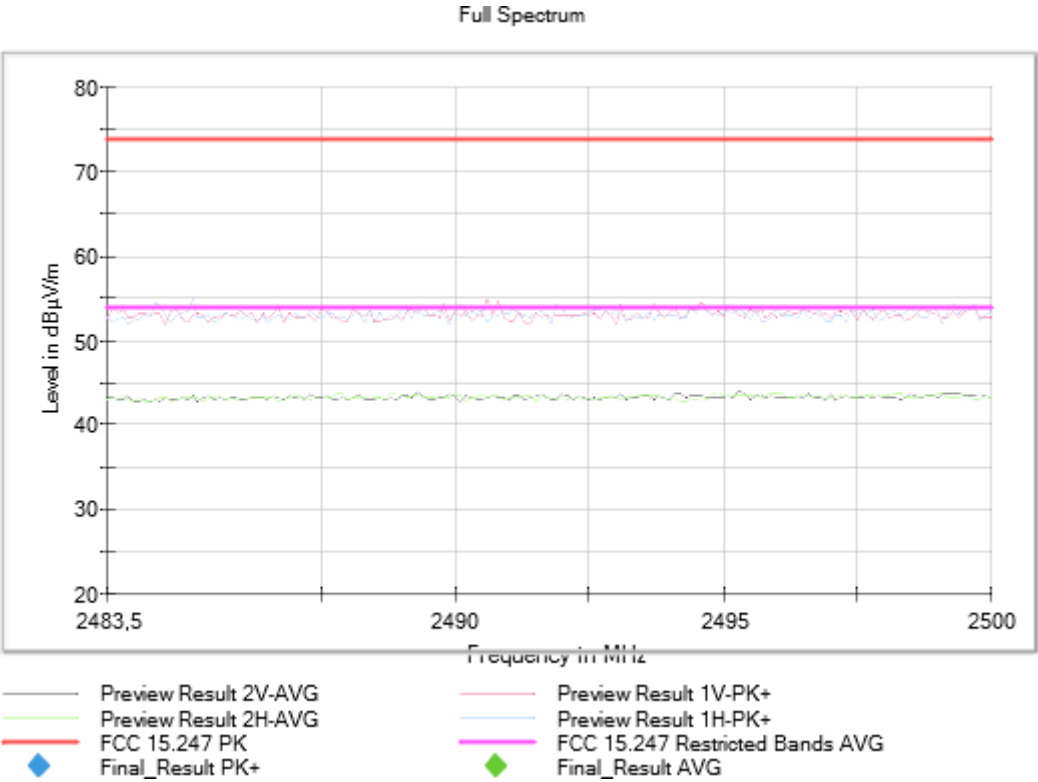
Equipment Type = Digital Transmission System (DTS) Frequency MHz = 2437.00000

Active Port = 4

Modulation = 802.11n HT20 (OFDM MCS0)

Images:





Frequency Range GHz = [1, 17]

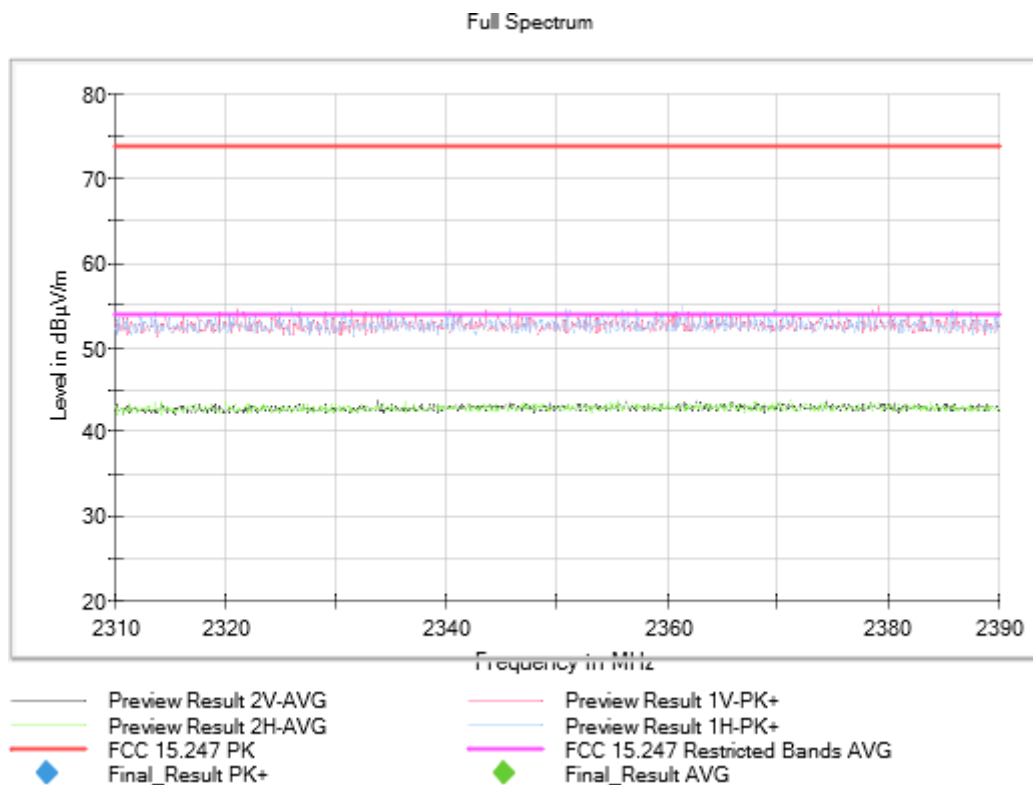
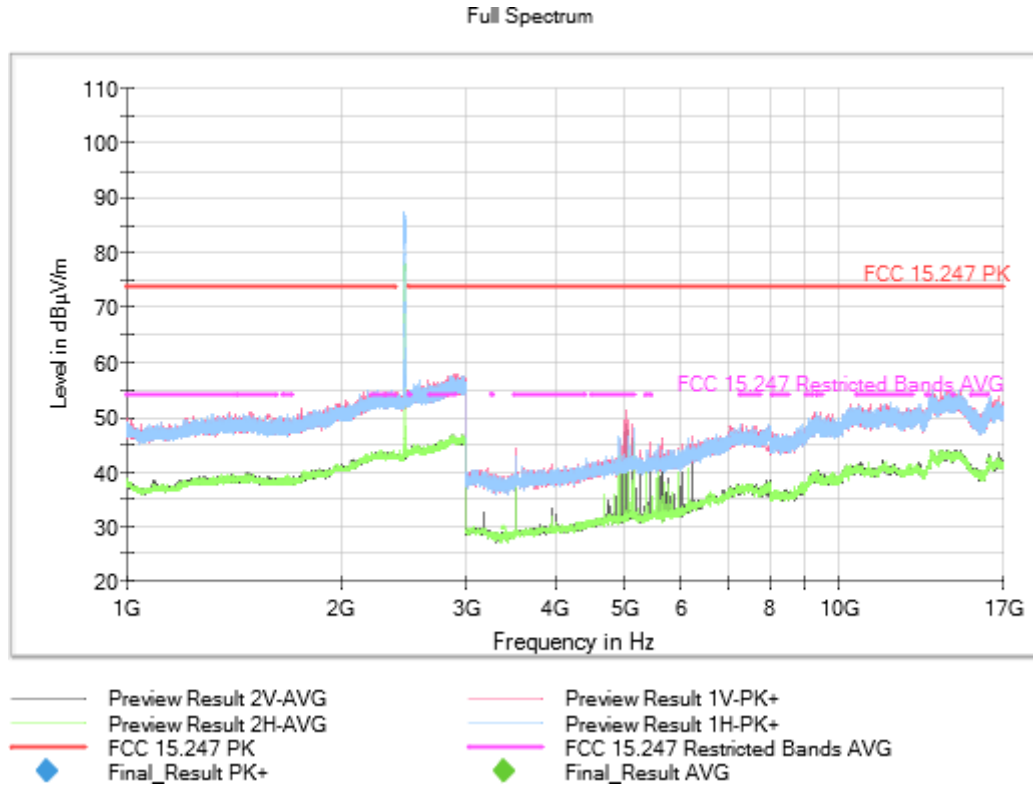
Operation Band MHz = [2400, 2483.5]

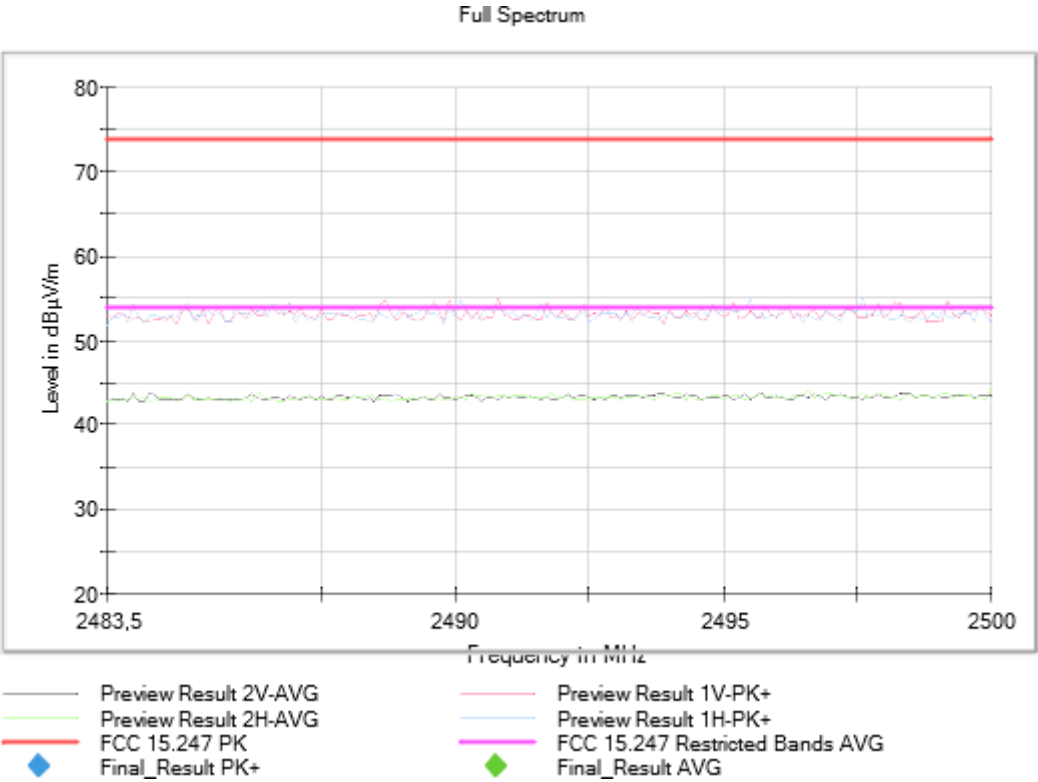
Equipment Type = Digital Transmission System (DTS) Frequency MHz = 2462.00000

Active Port = 4

Modulation = 802.11n HT20 (OFDM MCS0)

Images:





Results

Modulation: 802.11ax20 OFDM – SU Full-channel allocation

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

Verdict

Pass

Attachments

Frequency Range GHz = [1, 17]

Operation Band MHz = [2400, 2483.5]

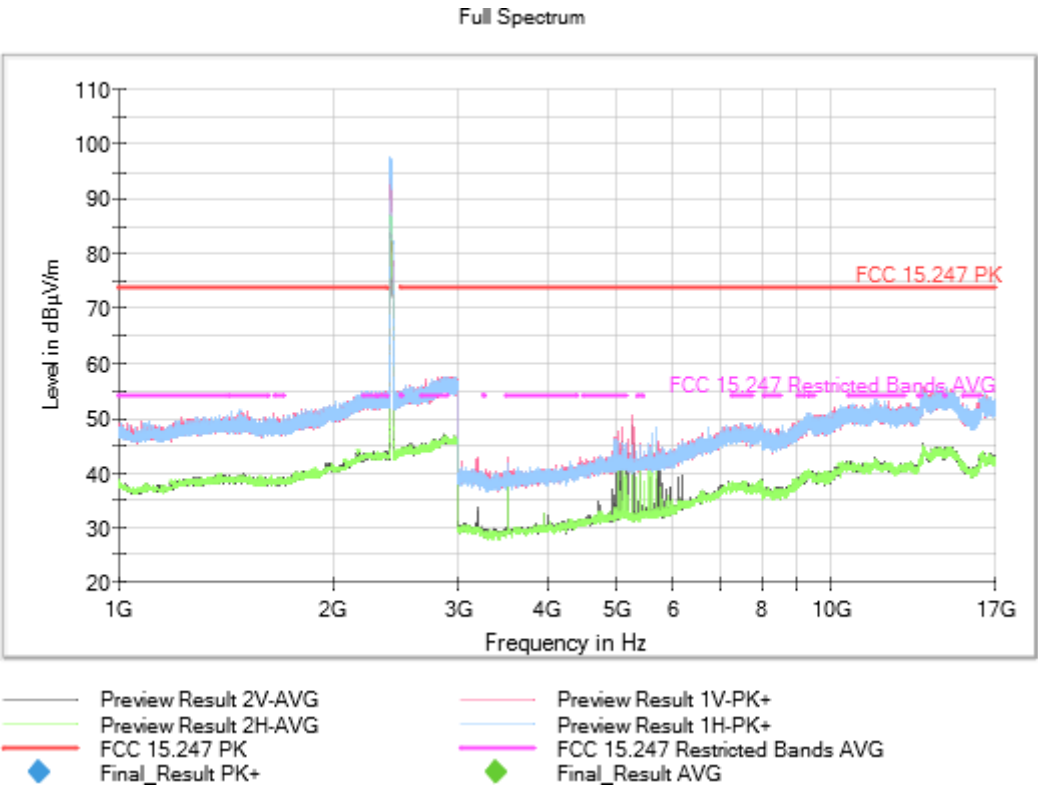
Equipment Type = Digital Transmission System (DTS)

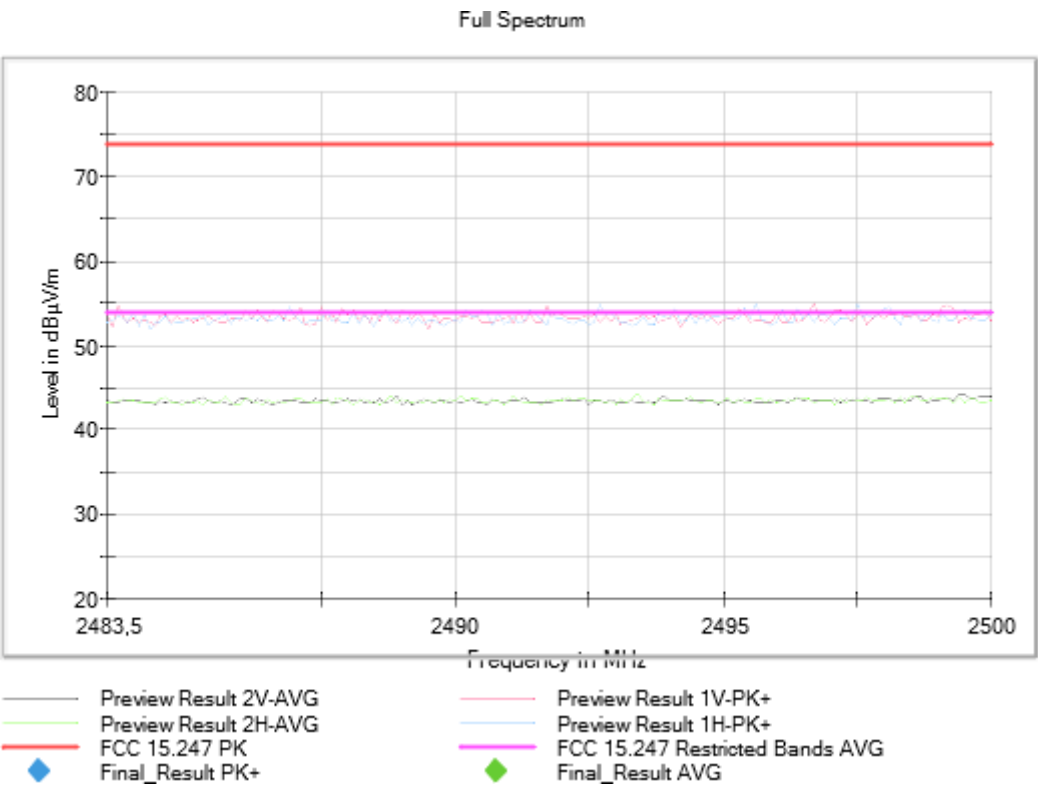
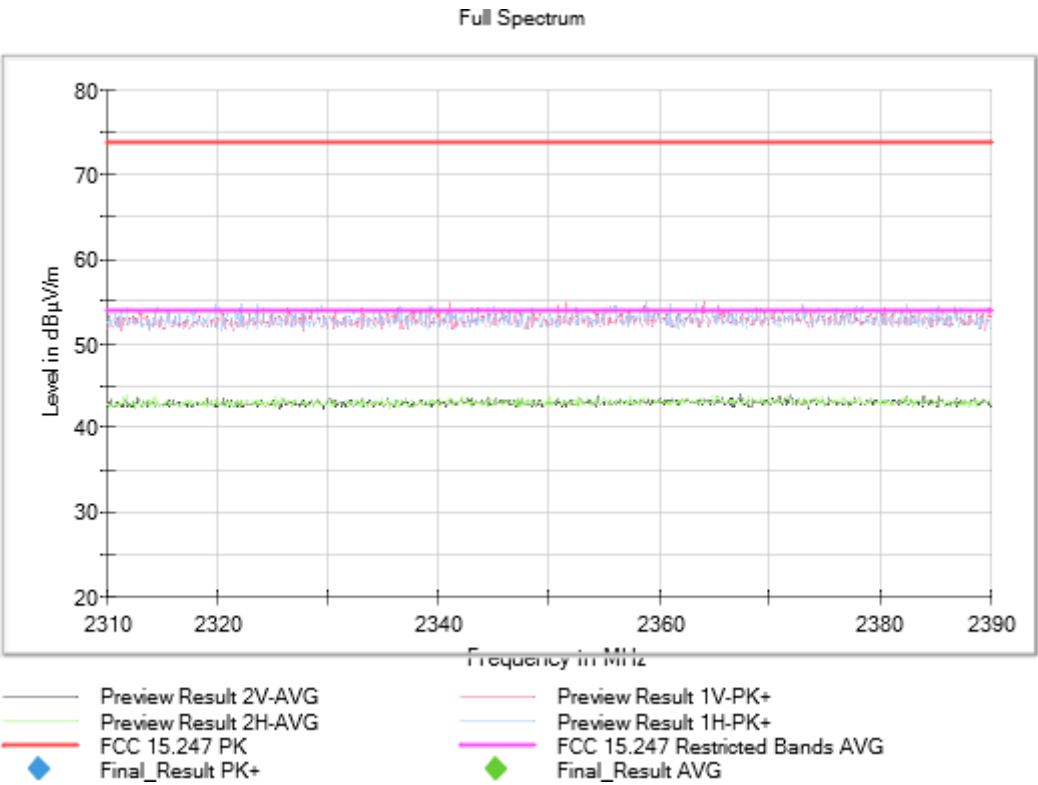
Frequency MHz = 2412.00000

Active Port = 4

Modulation = 802.11ax20 OFDM – SU Full-channel allocation

Images:





Frequency Range GHz = [1, 17]

Operation Band MHz = [2400, 2483.5]

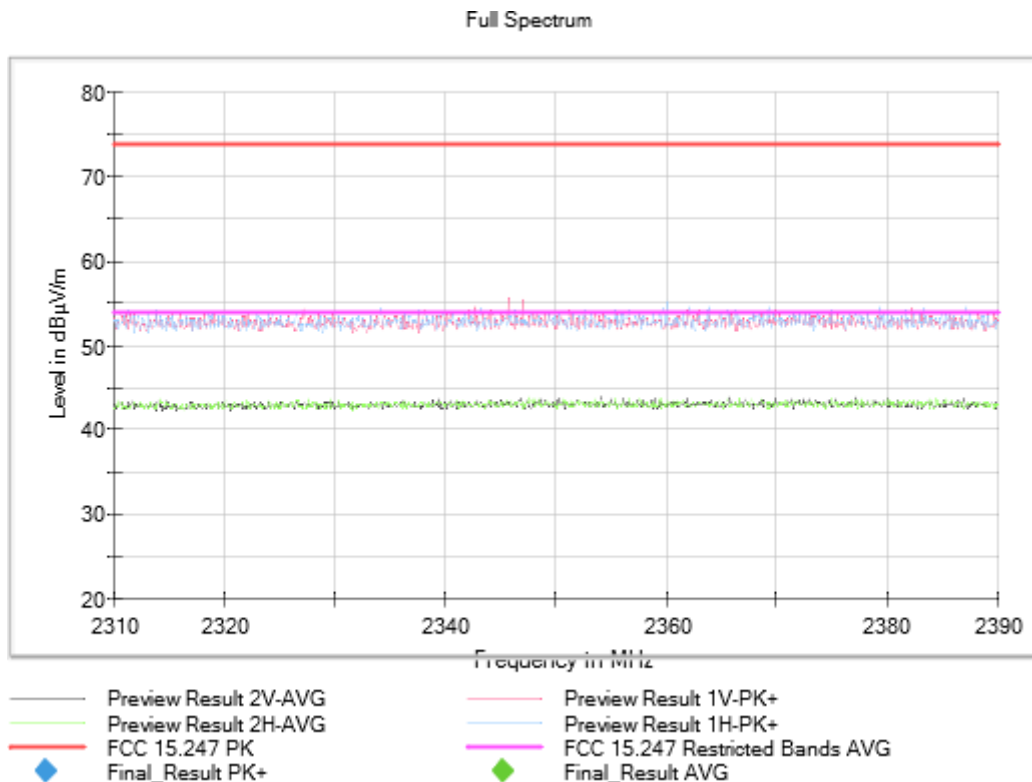
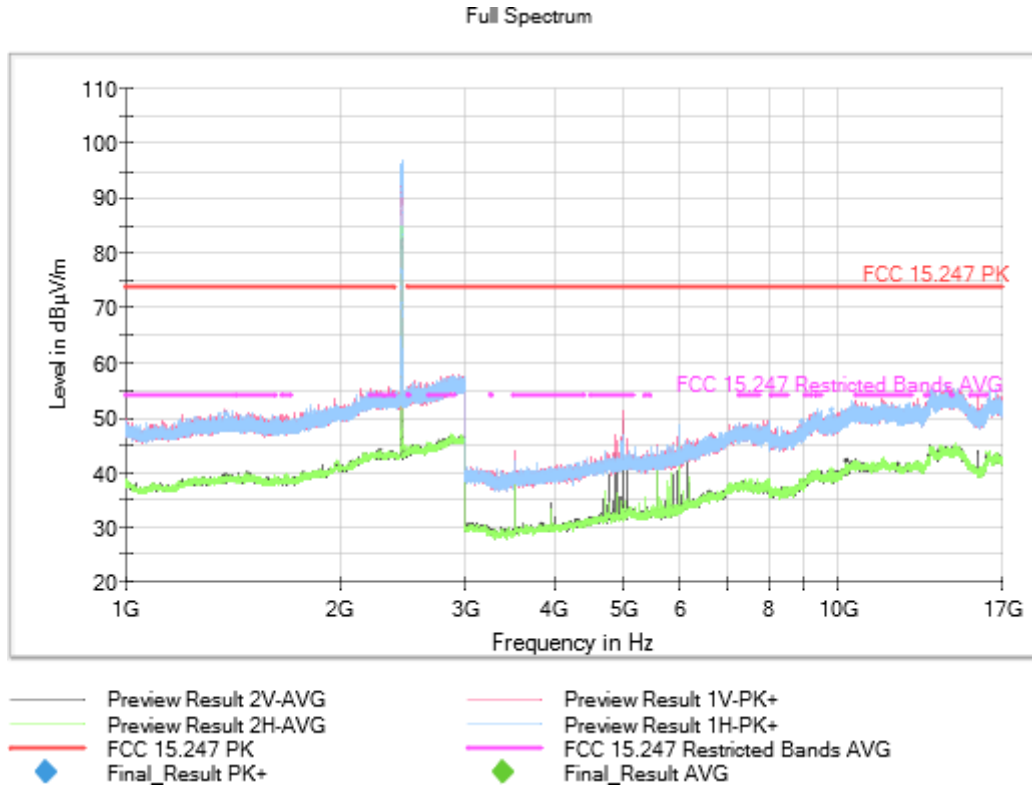
Equipment Type = Digital Transmission System
(DTS)

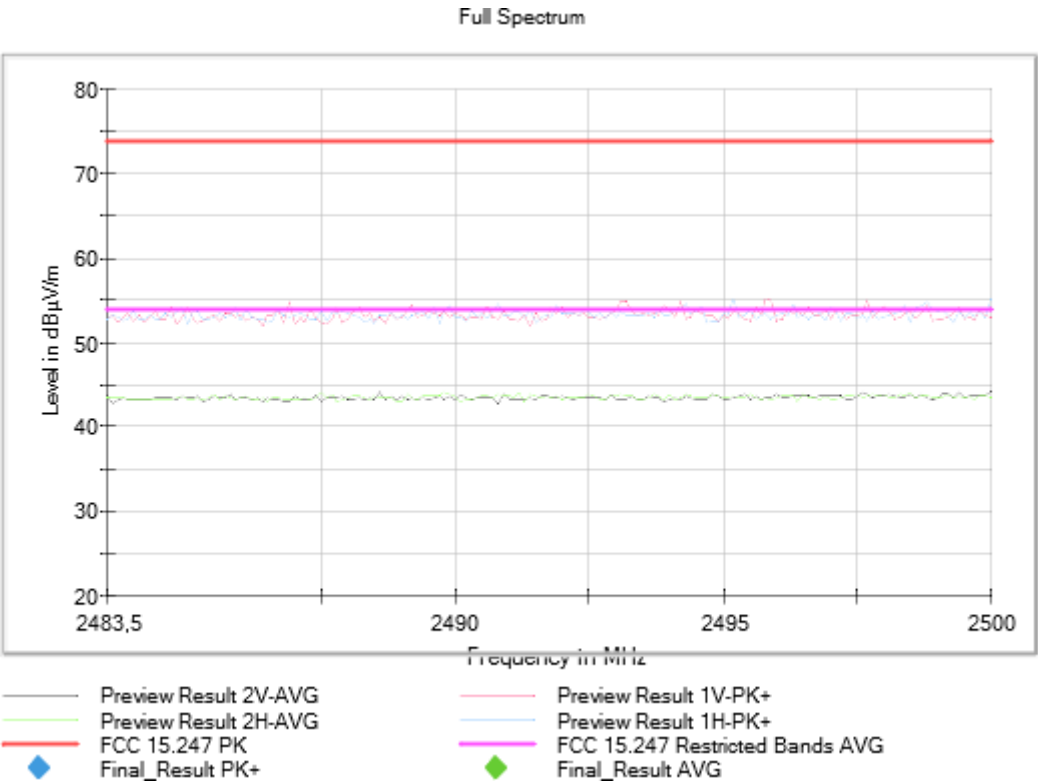
Frequency MHz = 2437.00000

Active Port = 4

Modulation = 802.11ax20 OFDM – SU Full-channel
allocation

Images:





Frequency Range GHz = [1, 17]

Operation Band MHz = [2400, 2483.5]

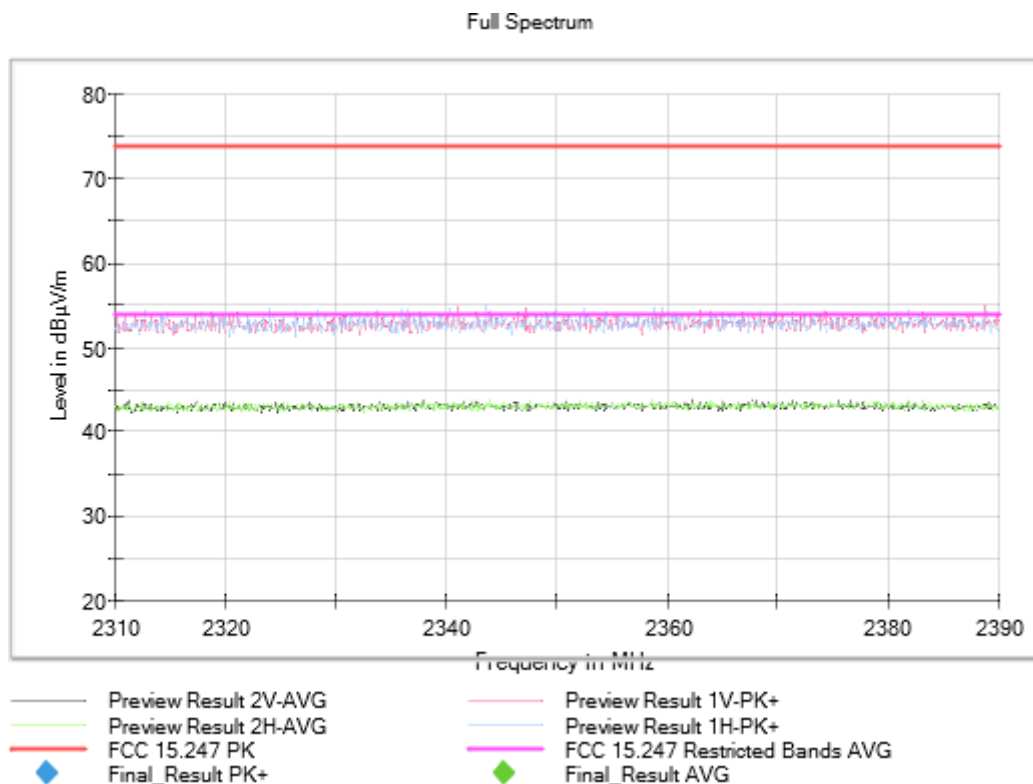
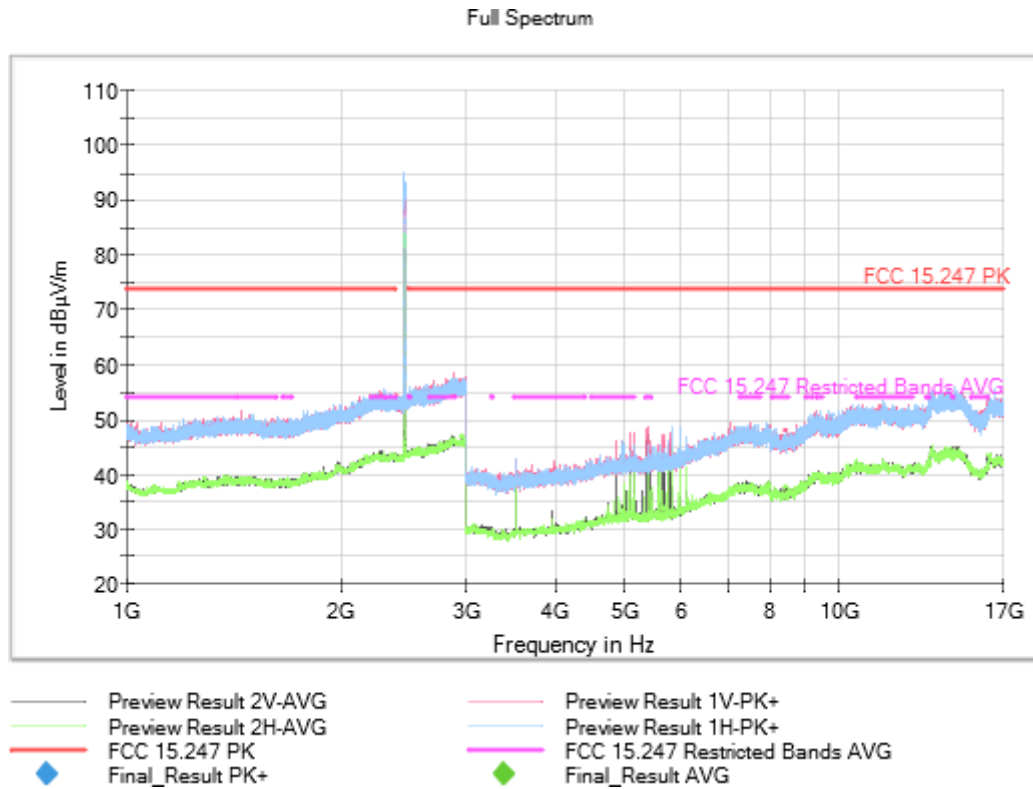
Equipment Type = Digital Transmission System
(DTS)

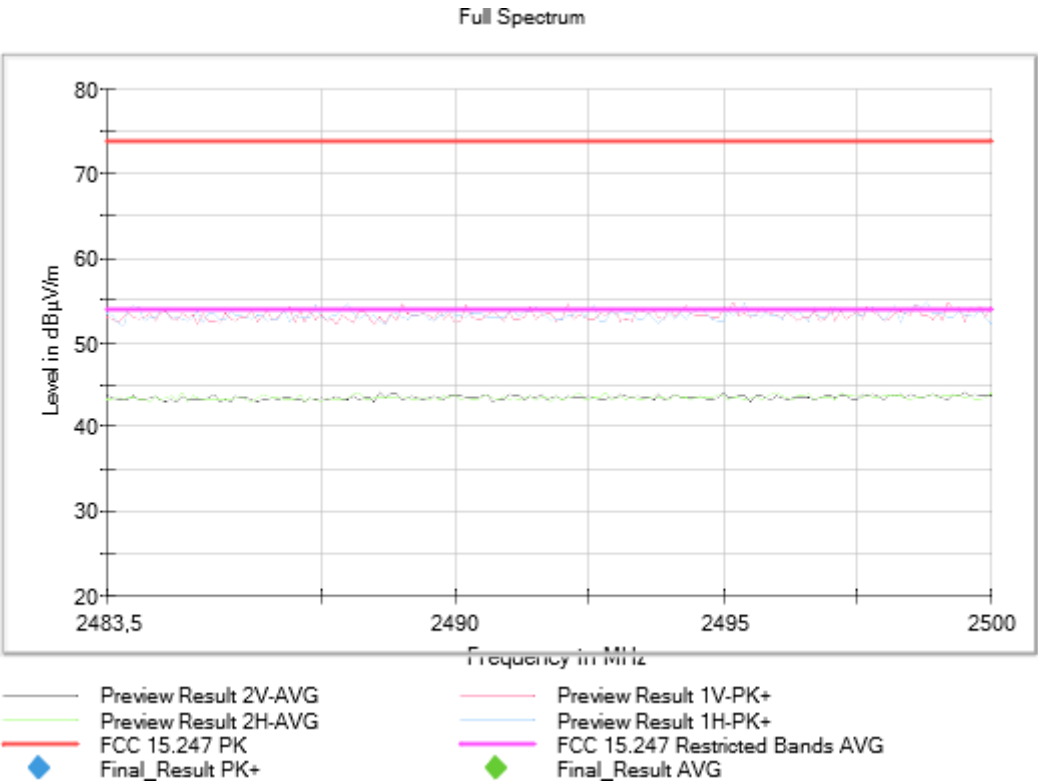
Frequency MHz = 2462.00000

Active Port = 4

Modulation = 802.11ax20 OFDM – SU Full-channel
allocation

Images:





Results

Modulation: 802.11ax20 OFDM – RU Subcarrier allocation

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

Verdict

Pass

Attachments

Frequency Range GHz = [1, 17]

Modulation = 802.11ax20 OFDM – RU Subcarrier allocation

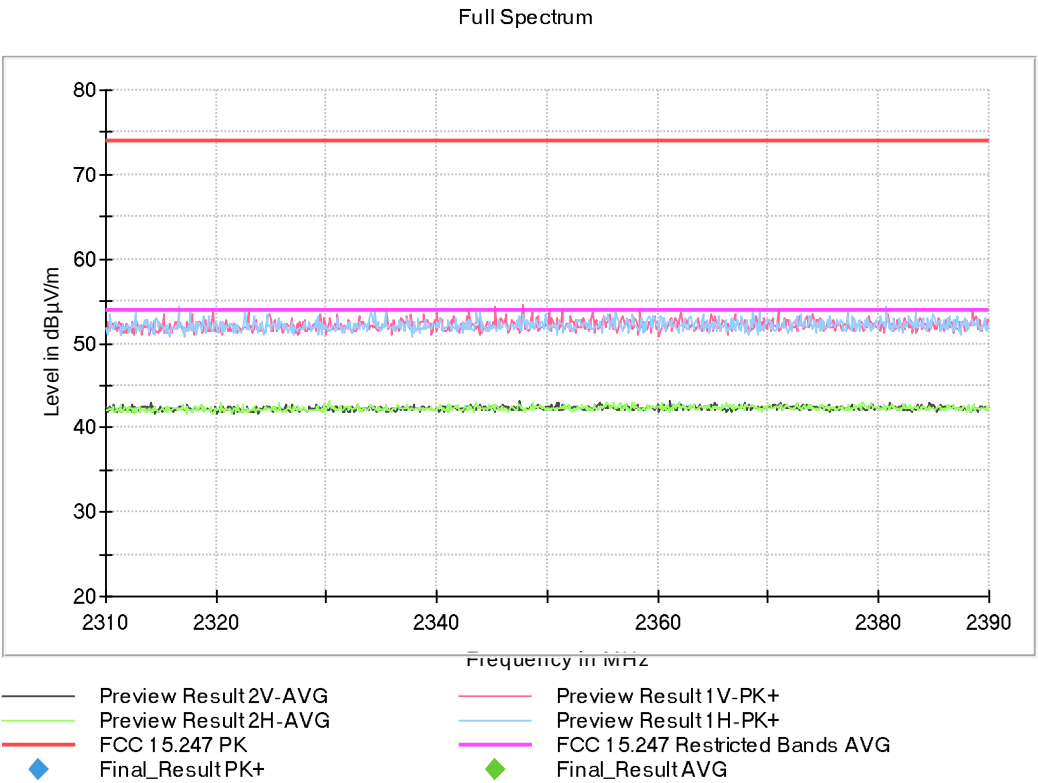
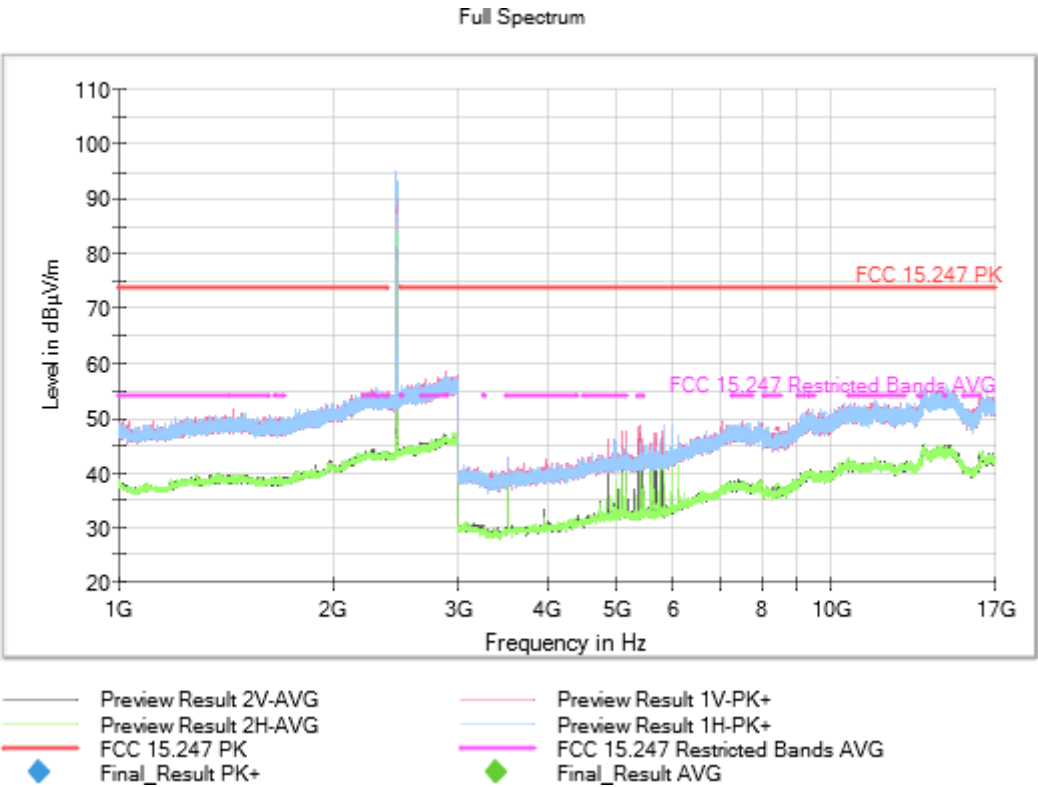
MIMO Mode = SISO

Equipment Type = Digital Transmission System (DTS)

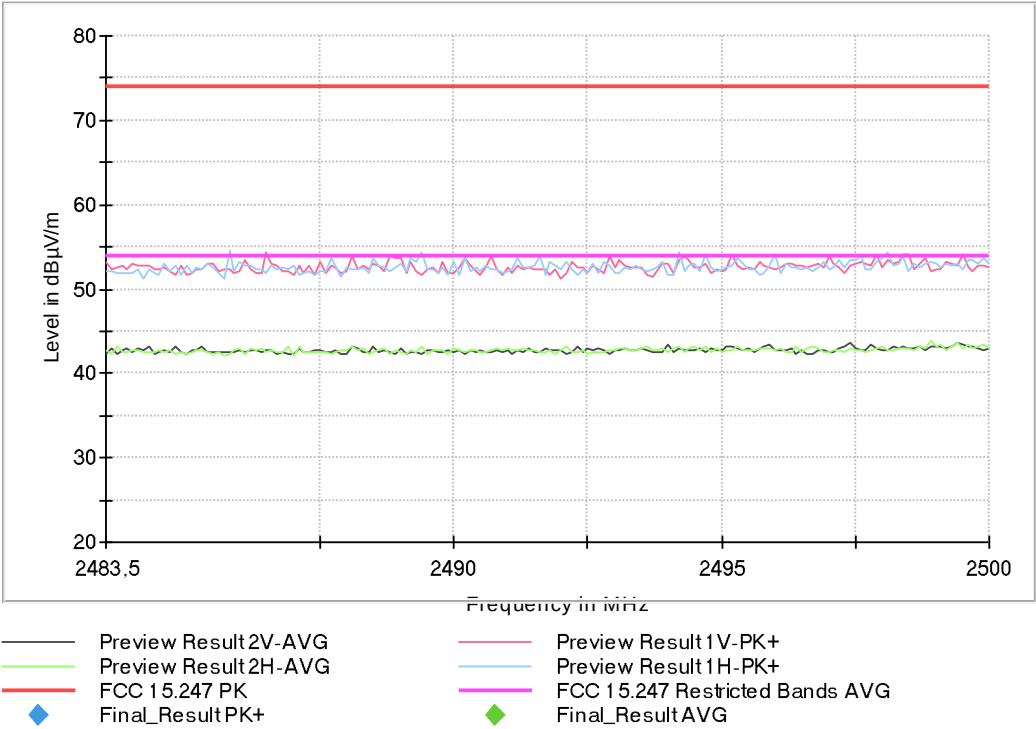
Frequency MHz = 2412.00000

Active Port = 4

Images:



Full Spectrum



Frequency Range GHz = [1, 17]

Modulation = 802.11ax20 OFDM – RU Subcarrier allocation

MIMO Mode = SISO

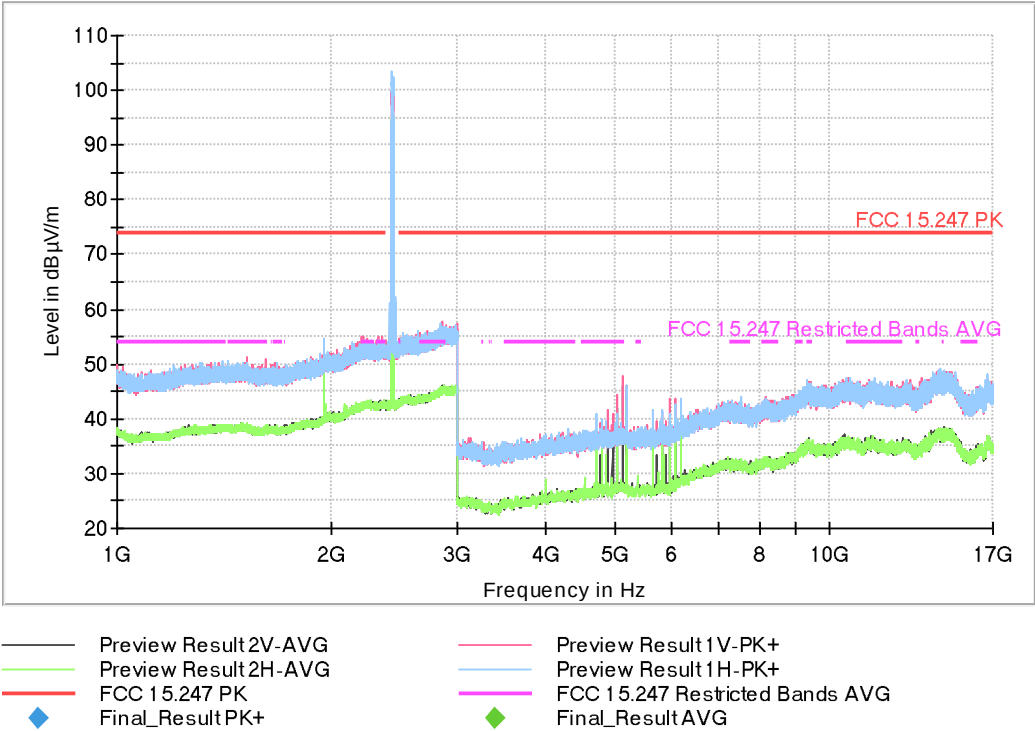
Equipment Type = Digital Transmission
System (DTS)

Frequency MHz = 2437.00000

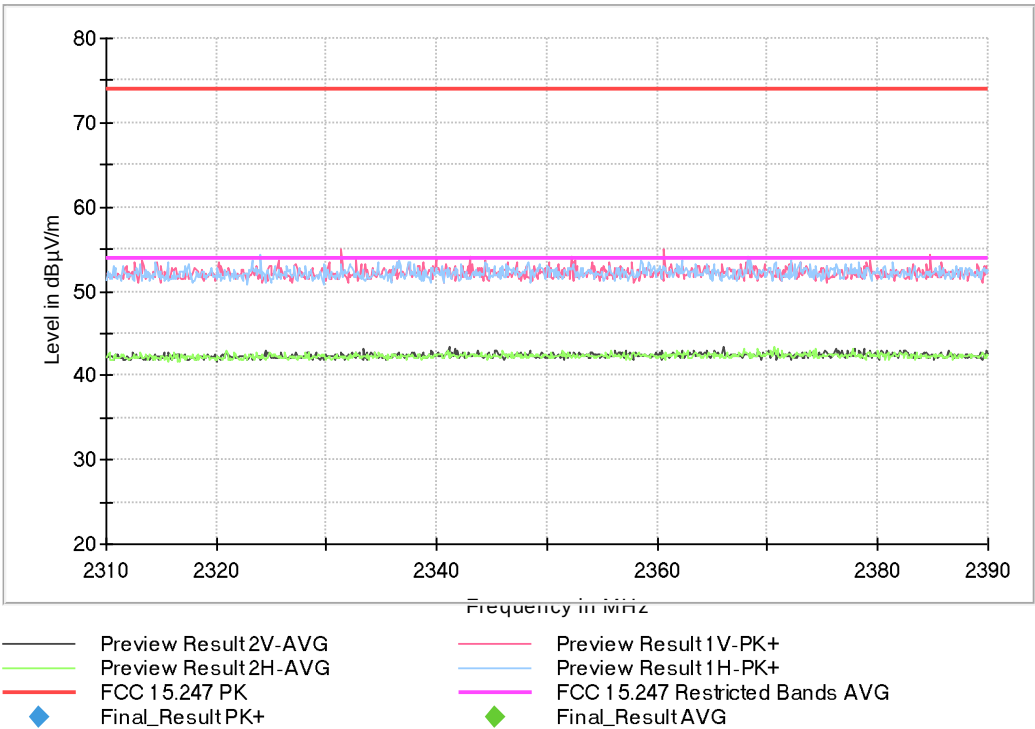
Active Port = 4

Images:

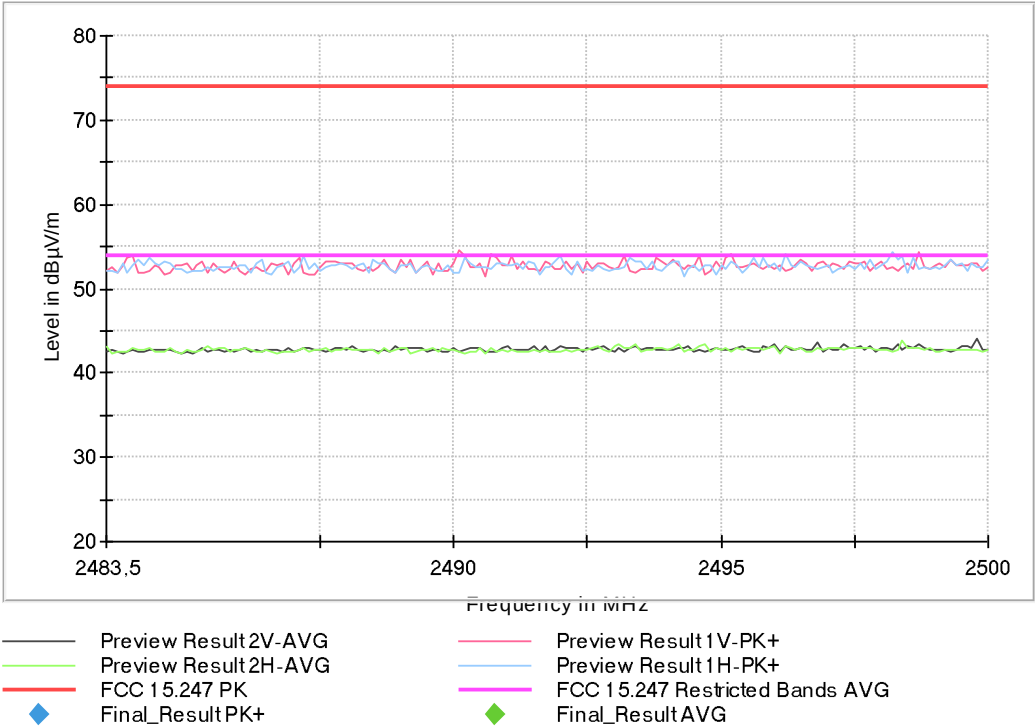
Full Spectrum



Full Spectrum



Full Spectrum



Frequency Range GHz = [1, 17]

Modulation = 802.11ax20 OFDM – RU Subcarrier allocation

MIMO Mode = SISO

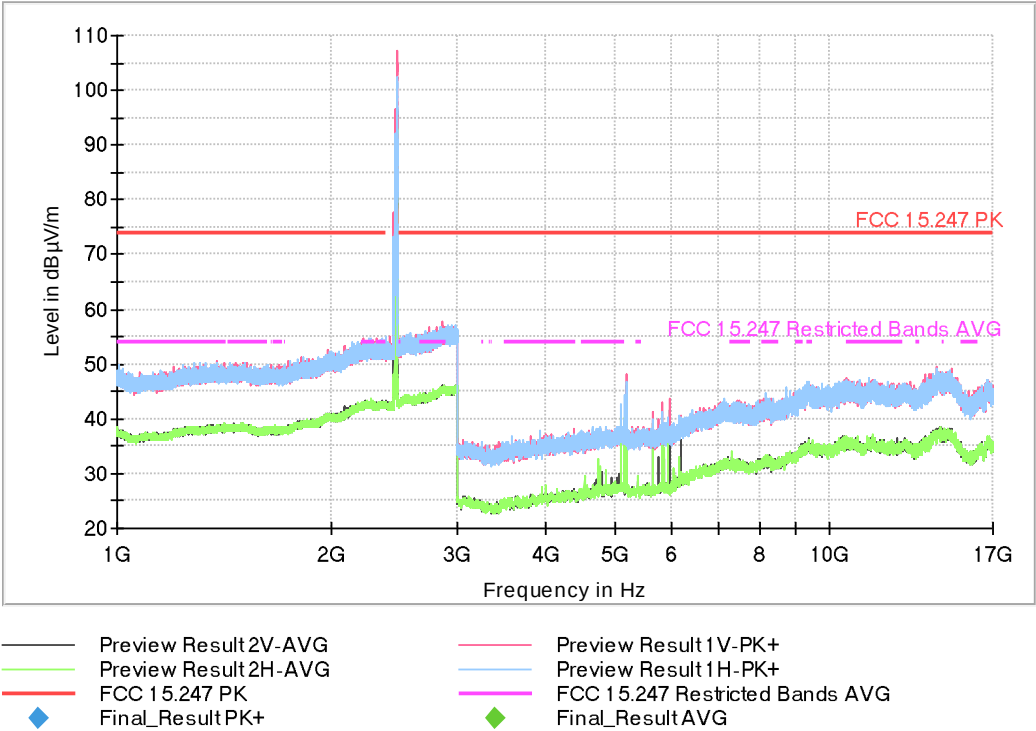
Equipment Type = Digital Transmission
System (DTS)

Frequency MHz = 2462.00000

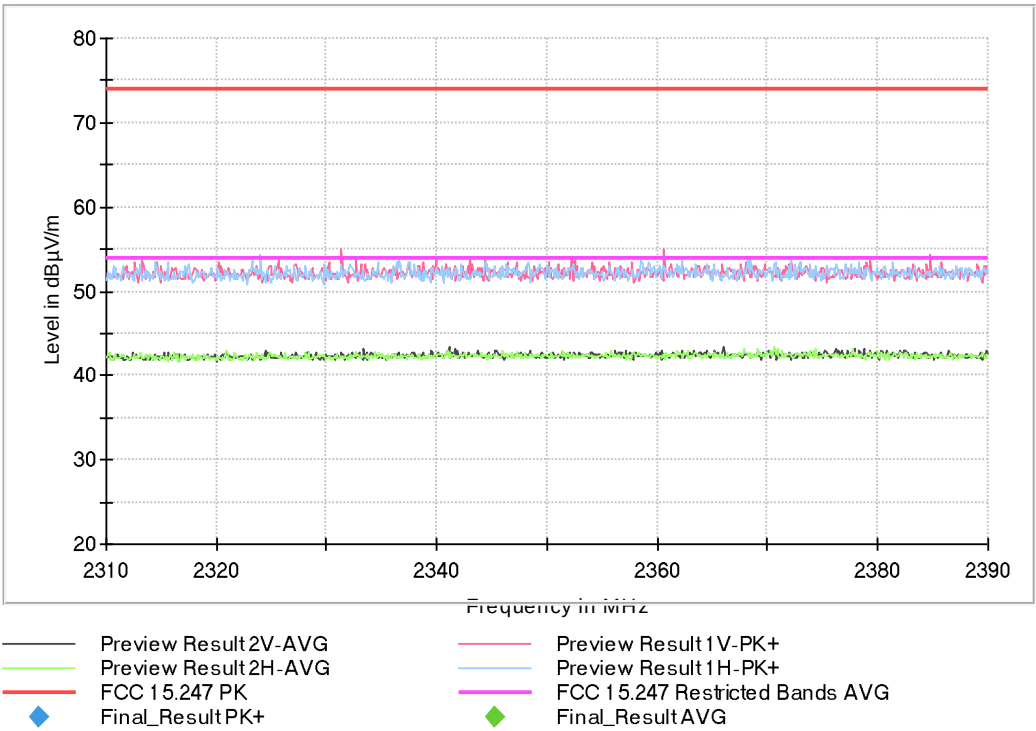
Active Port = 4

Images:

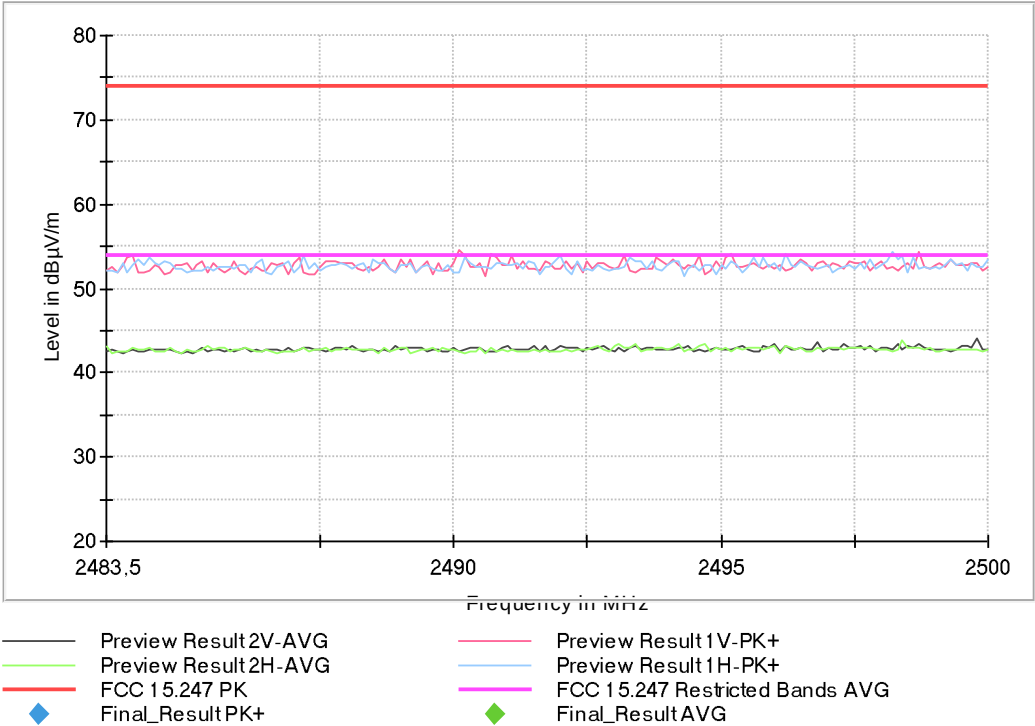
Full Spectrum



Full Spectrum



Full Spectrum



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

Frequency Range GHz = [17, 26]

Equipment Type = Digital Transmission System (DTS)

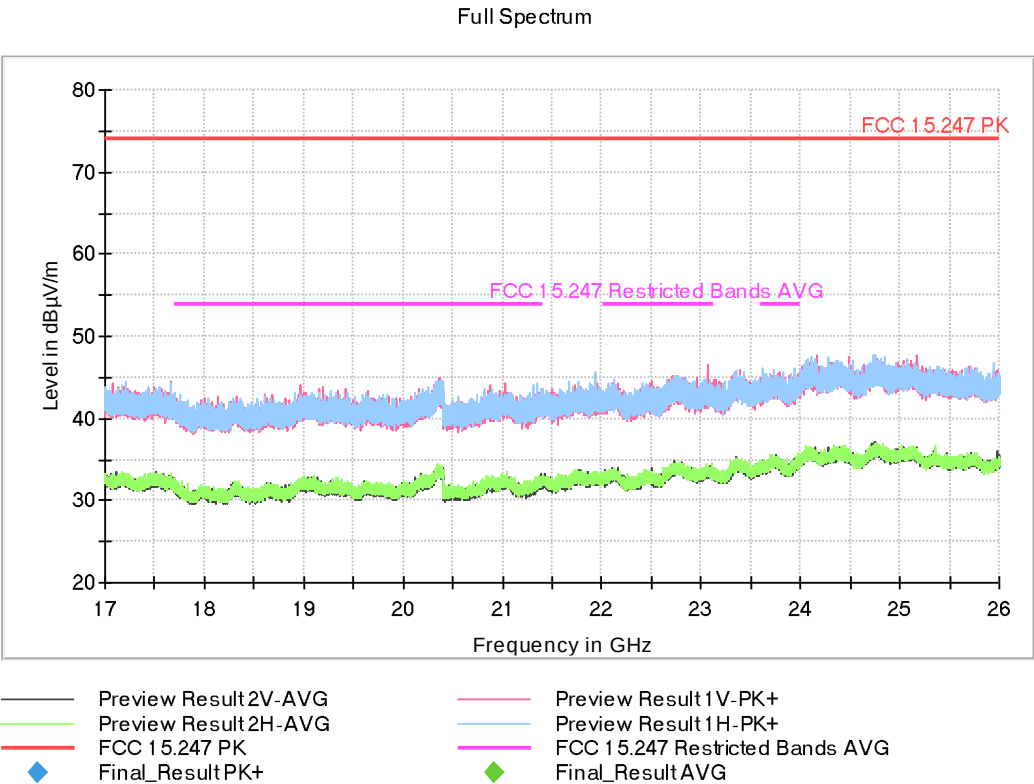
Modulation = Modulation: The spurious frequencies detected do not depend on the modulation.

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

MIMO Mode = SISO

Active Port = 4

Images:



Tables:

Spectrum Analyzer Parameters

	Subrange	Step Size	Detectors	Bandwidth	Sweep Time	Preamp
	30 MHz - 1 GHz	48,5 kHz	PK+	100 kHz	1 s	0 dB

	Subrange	Step Size	Detectors	Bandwidth	Sweep Time	Preamp
	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

	Subrange	Step Size	Detectors	Bandwidth	Sweep Time	Preamp
	17 GHz - 26 GHz	400 kHz	PK+	1 MHz	0,01 s	0 dB