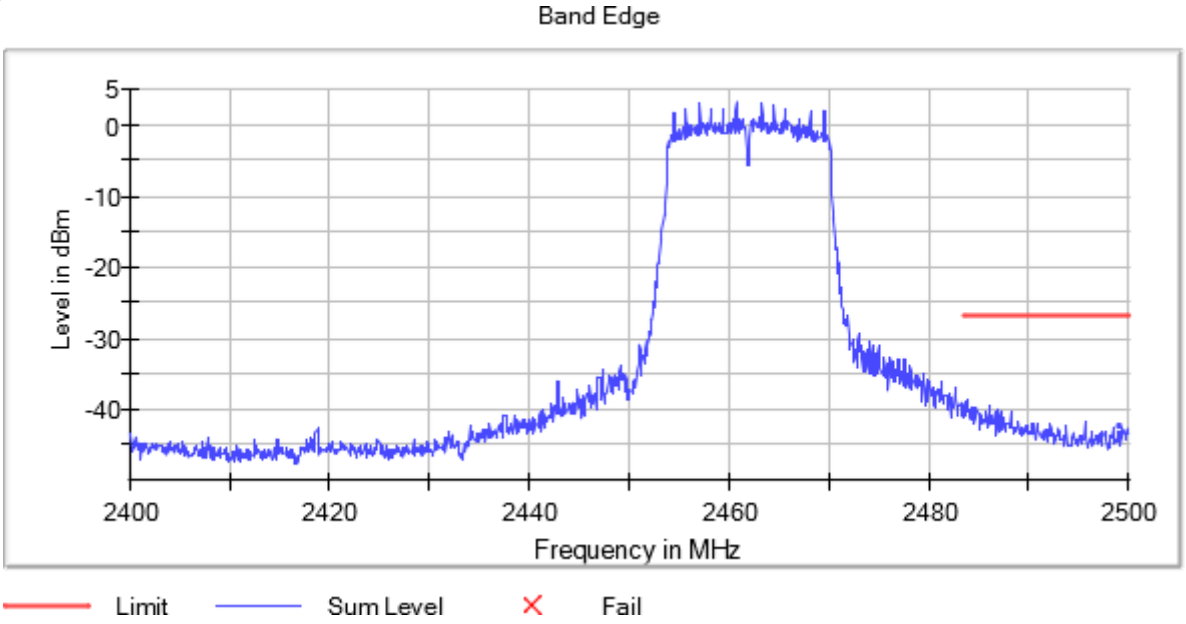
Equipment Type = Digital Transmission System (DTS) Bandwidth MHz = 20

Modulation = 802.11g (OFDM 6 Mbit/s) Frequency MHz = 2462.00000

MIMO Mode = SISO Active Port = 1

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	20.000 dBm	20.000 dBm
Attenuation	40.000 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	20.000 dBm	20.000 dBm
Attenuation	40.000 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	30 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.34 dB	0.50 dB

Results

Modulation: 802.11n HT20 (OFDM MCS0)

MIMO Mode: SISO

Equipment	BW (MHz)	Freq (MHz)	Port	Freq (MHz)	Lvl (dBm)
Digital Transmission System (DTS)	20	2412.00000	1	2399.525000	-29.2
Digital Transmission System (DTS)	20	2412.00000	1	2399.475000	-29.3
Digital Transmission System (DTS)	20	2412.00000	1	2398.575000	-29.3
Digital Transmission System (DTS)	20	2412.00000	1	2399.825000	-29.5
Digital Transmission System (DTS)	20	2412.00000	1	2398.525000	-29.6
Digital Transmission System (DTS)	20	2412.00000	1	2399.775000	-29.7
Digital Transmission System (DTS)	20	2412.00000	1	2398.225000	-29.8
Digital Transmission System (DTS)	20	2412.00000	1	2398.175000	-30.1
Digital Transmission System (DTS)	20	2412.00000	1	2398.625000	-30.2
Digital Transmission System (DTS)	20	2412.00000	1	2399.875000	-30.2
Digital Transmission System (DTS)	20	2412.00000	1	2399.575000	-30.2
Digital Transmission System (DTS)	20	2412.00000	1	2399.425000	-30.5
Digital Transmission System (DTS)	20	2412.00000	1	2398.275000	-30.7
Digital Transmission System (DTS)	20	2412.00000	1	2398.875000	-30.8
Digital Transmission System (DTS)	20	2412.00000	1	2399.725000	-30.9
Digital Transmission System (DTS)	20	2417.00000	1	2398.225000	-26.418
Digital Transmission System (DTS)	20	2417.00000	1	2398.275000	-26.644
Digital Transmission System (DTS)	20	2417.00000	1	2398.175000	-26.928
Digital Transmission System (DTS)	20	2417.00000	1	2399.225000	-27.572
Digital Transmission System (DTS)	20	2417.00000	1	2399.275000	-27.663
Digital Transmission System (DTS)	20	2417.00000	1	2399.875000	-28.036
Digital Transmission System (DTS)	20	2417.00000	1	2397.275000	-28.196
Digital Transmission System (DTS)	20	2417.00000	1	2398.575000	-28.220
Digital Transmission System (DTS)	20	2417.00000	1	2399.825000	-28.265
Digital Transmission System (DTS)	20	2417.00000	1	2398.525000	-28.377
Digital Transmission System (DTS)	20	2417.00000	1	2397.325000	-28.463
Digital Transmission System (DTS)	20	2417.00000	1	2397.225000	-28.507
Digital Transmission System (DTS)	20	2417.00000	1	2399.925000	-28.545
Digital Transmission System (DTS)	20	2417.00000	1	2398.325000	-28.708
Digital Transmission System (DTS)	20	2417.00000	1	2398.825000	-28.725
Digital Transmission System (DTS)	20	2447.00000	1	2487.775000	-39.938
Digital Transmission System (DTS)	20	2447.00000	1	2487.725000	-39.981
Digital Transmission System (DTS)	20	2447.00000	1	2483.825000	-40.370
Digital Transmission System (DTS)	20	2447.00000	1	2483.775000	-40.490
Digital Transmission System (DTS)	20	2447.00000	1	2483.575000	-40.520
Digital Transmission System (DTS)	20	2447.00000	1	2484.625000	-40.600
Digital Transmission System (DTS)	20	2447.00000	1	2484.575000	-40.646

Equipment	BW (MHz)	Freq (MHz)	Port	Freq (MHz)	Lvl (dBm)
Digital Transmission System (DTS)	20	2447.00000	1	2483.625000	-40.674
Digital Transmission System (DTS)	20	2447.00000	1	2486.725000	-40.685
Digital Transmission System (DTS)	20	2447.00000	1	2486.775000	-40.792
Digital Transmission System (DTS)	20	2447.00000	1	2485.875000	-40.900
Digital Transmission System (DTS)	20	2447.00000	1	2492.275000	-40.904
Digital Transmission System (DTS)	20	2447.00000	1	2487.625000	-40.941
Digital Transmission System (DTS)	20	2447.00000	1	2492.225000	-40.992
Digital Transmission System (DTS)	20	2447.00000	1	2487.675000	-41.000
Digital Transmission System (DTS)	20	2462.00000	1	2484.175000	-38.5
Digital Transmission System (DTS)	20	2462.00000	1	2483.875000	-38.7
Digital Transmission System (DTS)	20	2462.00000	1	2483.925000	-38.7
Digital Transmission System (DTS)	20	2462.00000	1	2484.125000	-38.8
Digital Transmission System (DTS)	20	2462.00000	1	2486.075000	-39.1
Digital Transmission System (DTS)	20	2462.00000	1	2484.225000	-39.2
Digital Transmission System (DTS)	20	2462.00000	1	2486.025000	-39.2
Digital Transmission System (DTS)	20	2462.00000	1	2483.575000	-39.8
Digital Transmission System (DTS)	20	2462.00000	1	2483.625000	-39.9
Digital Transmission System (DTS)	20	2462.00000	1	2483.825000	-39.9
Digital Transmission System (DTS)	20	2462.00000	1	2485.725000	-40.0
Digital Transmission System (DTS)	20	2462.00000	1	2483.975000	-40.0
Digital Transmission System (DTS)	20	2462.00000	1	2483.525000	-40.1
Digital Transmission System (DTS)	20	2462.00000	1	2484.025000	-40.2
Digital Transmission System (DTS)	20	2462.00000	1	2483.775000	-40.3

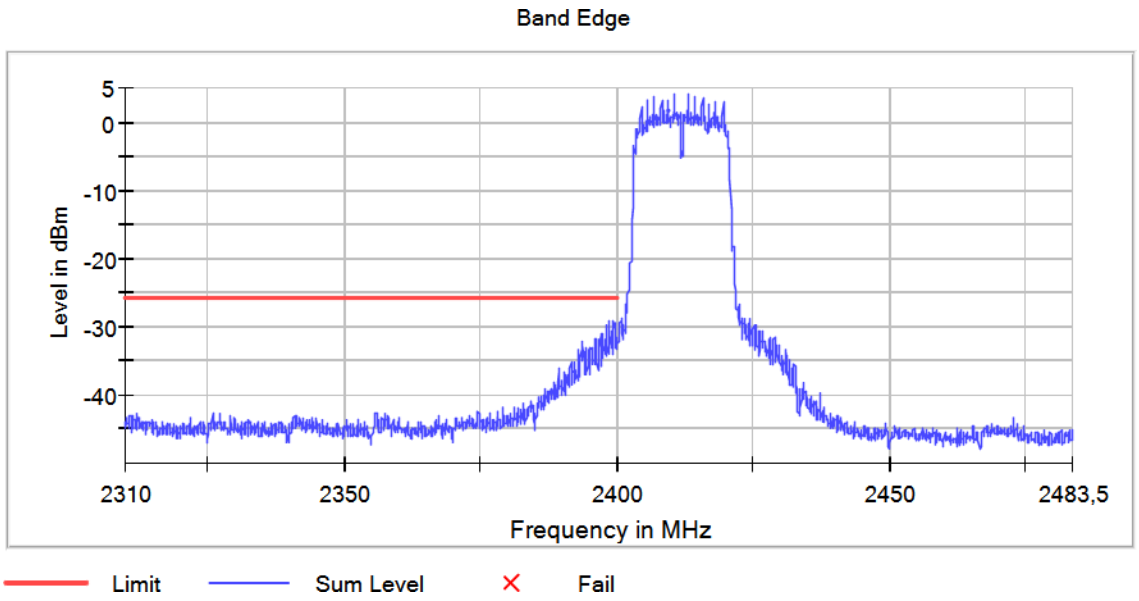
Verdict

Pass

Attachments

Equipment Type = Digital Transmission System (DTS)
Bandwidth MHz = 20
Modulation = 802.11n HT20 (OFDM MCS0)
Frequency MHz = 2412.00000
MIMO Mode = SISO
Active Port = 1

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	20.000 dBm	20.000 dBm
Attenuation	40.000 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	0.00 dB	0.50 dB

Spectrum Analyzer Parameters 2

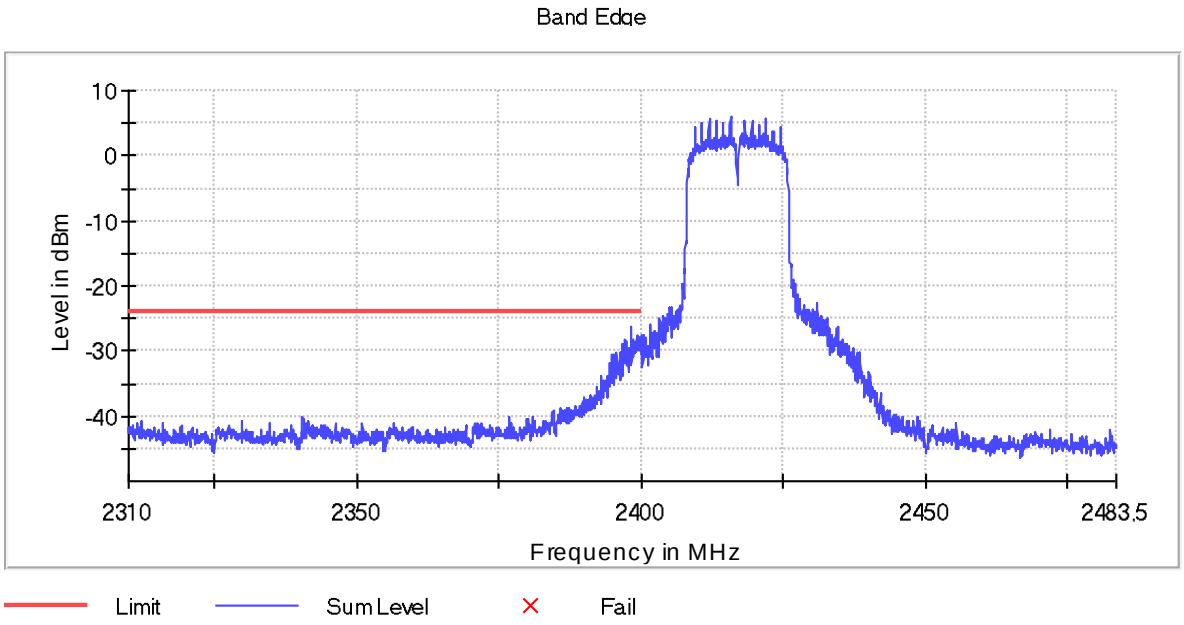
Setting	Instrument Value	Target Value
Start Frequency	2.40000 GHz	2.40000 GHz
Stop Frequency	2.48350 GHz	2.48350 GHz
Span	83.500 MHz	83.500 MHz
RBW	100.000 kHz	<= 100.000 kHz
VBW	300.000 kHz	>= 300.000 kHz
SweepPoints	1670	~ 1670
Sweeptime	94.727 µs	AUTO
Reference Level	20.000 dBm	20.000 dBm
Attenuation	40.000 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	43 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.44 dB	0.50 dB

Equipment Type = Digital Transmission System (DTS) Bandwidth MHz = 20

Modulation = 802.11n HT20 (OFDM MCS0) Frequency MHz = 2417.00000

MIMO Mode = SISO Active Port = 1

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	20.000 dBm	20.000 dBm
Attenuation	40.000 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

Setting	Instrument Value	Target Value
Max Stable Difference	0.00 dB	0.50 dB

Spectrum Analyzer Parameters 2

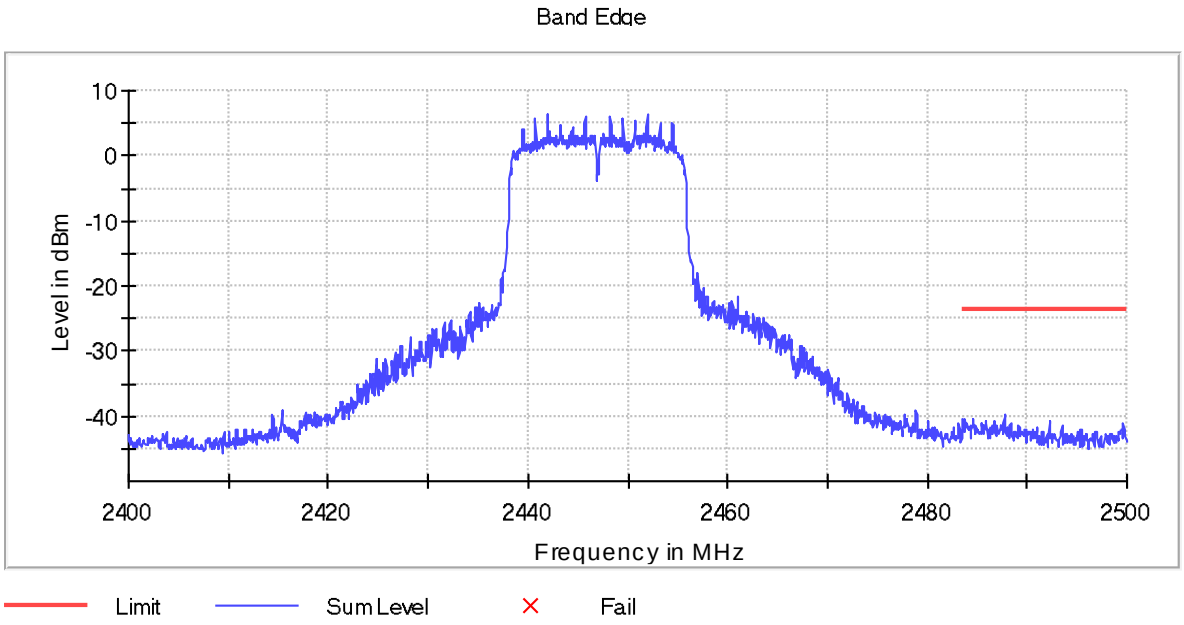
Setting	Instrument Value	Target Value
Start Frequency	2.40000 GHz	2.40000 GHz
Stop Frequency	2.48350 GHz	2.48350 GHz
Span	83.500 MHz	83.500 MHz
RBW	100.000 kHz	<= 100.000 kHz
VBW	300.000 kHz	>= 300.000 kHz
SweepPoints	1670	~ 1670
Sweeptime	94.727 µs	AUTO
Reference Level	20.000 dBm	20.000 dBm
Attenuation	40.000 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	43 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.44 dB	0.50 dB

Equipment Type = Digital Transmission System (DTS) Bandwidth MHz = 20

Modulation = 802.11n HT20 (OFDM MCS0) Frequency MHz = 2447.00000

MIMO Mode = SISO Active Port = 1

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	20.000 dBm	20.000 dBm
Attenuation	40.000 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

Setting	Instrument Value	Target Value
Max Stable Difference	0.00 dB	0.50 dB

Spectrum Analyzer Parameters 2

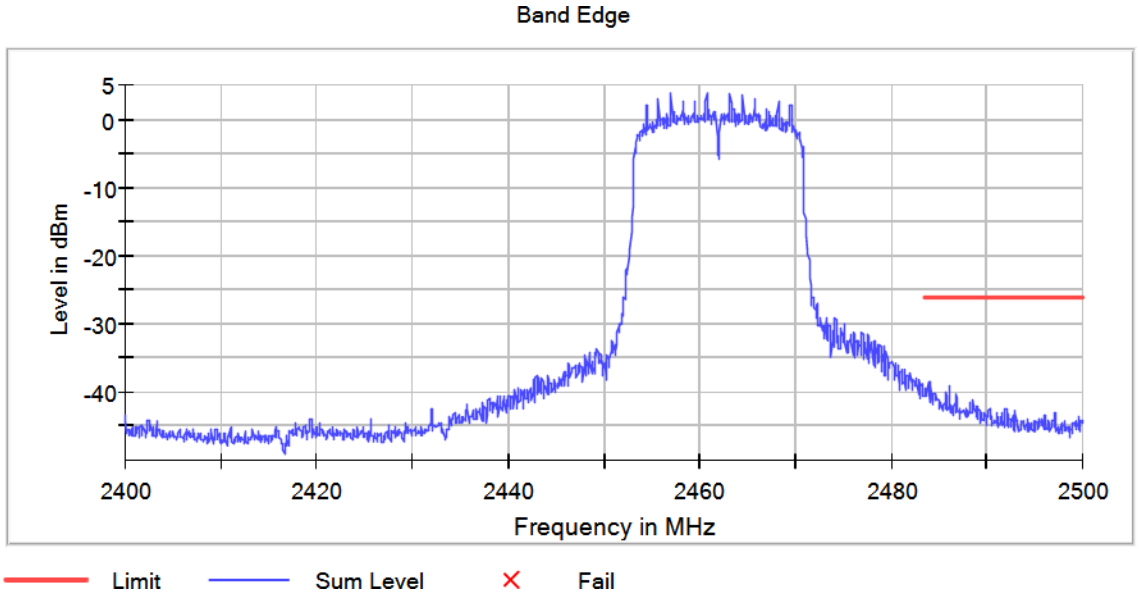
Setting	Instrument Value	Target Value
Start Frequency	2.40000 GHz	2.40000 GHz
Stop Frequency	2.48350 GHz	2.48350 GHz
Span	83.500 MHz	83.500 MHz
RBW	100.000 kHz	<= 100.000 kHz
VBW	300.000 kHz	>= 300.000 kHz
SweepPoints	1670	~ 1670
Sweeptime	94.727 µs	AUTO
Reference Level	20.000 dBm	20.000 dBm
Attenuation	40.000 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	43 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.44 dB	0.50 dB

Equipment Type = Digital Transmission System (DTS) Bandwidth MHz = 20

Modulation = 802.11n HT20 (OFDM MCS0) Frequency MHz = 2462.00000

MIMO Mode = SISO Active Port = 1

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	20.000 dBm	20.000 dBm
Attenuation	40.000 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	0.00 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	20.000 dBm	20.000 dBm
Attenuation	40.000 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	43 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.44 dB	0.50 dB

Results

Modulation: 802.11ax HE20 (OFDMA MCS0) SU

MIMO Mode: SISO

Equipment	BW (MHz)	Freq (MHz)	Port	Freq (MHz)	Lvl (dBm)
Digital Transmission System (DTS)	20	2412.00000	1	2398.675000	-33.593
Digital Transmission System (DTS)	20	2412.00000	1	2398.625000	-33.809
Digital Transmission System (DTS)	20	2412.00000	1	2398.725000	-34.963
Digital Transmission System (DTS)	20	2412.00000	1	2397.825000	-35.100
Digital Transmission System (DTS)	20	2412.00000	1	2397.875000	-35.171
Digital Transmission System (DTS)	20	2412.00000	1	2397.775000	-35.674
Digital Transmission System (DTS)	20	2412.00000	1	2398.425000	-35.774
Digital Transmission System (DTS)	20	2412.00000	1	2395.575000	-35.997
Digital Transmission System (DTS)	20	2412.00000	1	2398.375000	-36.017
Digital Transmission System (DTS)	20	2412.00000	1	2398.225000	-36.047
Digital Transmission System (DTS)	20	2412.00000	1	2397.575000	-36.192
Digital Transmission System (DTS)	20	2412.00000	1	2397.625000	-36.192
Digital Transmission System (DTS)	20	2412.00000	1	2398.475000	-36.228
Digital Transmission System (DTS)	20	2412.00000	1	2395.625000	-36.264
Digital Transmission System (DTS)	20	2412.00000	1	2398.175000	-36.297
Digital Transmission System (DTS)	20	2417.00000	1	2399.375000	-33.152
Digital Transmission System (DTS)	20	2417.00000	1	2399.425000	-33.185
Digital Transmission System (DTS)	20	2417.00000	1	2399.525000	-33.508
Digital Transmission System (DTS)	20	2417.00000	1	2399.575000	-33.565
Digital Transmission System (DTS)	20	2417.00000	1	2399.975000	-33.680
Digital Transmission System (DTS)	20	2417.00000	1	2398.775000	-33.741
Digital Transmission System (DTS)	20	2417.00000	1	2397.525000	-33.872
Digital Transmission System (DTS)	20	2417.00000	1	2399.475000	-33.875

Equipment	BW (MHz)	Freq (MHz)	Port	Freq (MHz)	Lvl (dBm)
Digital Transmission System (DTS)	20	2417.00000	1	2398.725000	-33.885
Digital Transmission System (DTS)	20	2417.00000	1	2399.325000	-34.048
Digital Transmission System (DTS)	20	2417.00000	1	2397.475000	-34.078
Digital Transmission System (DTS)	20	2417.00000	1	2399.825000	-34.106
Digital Transmission System (DTS)	20	2417.00000	1	2399.775000	-34.226
Digital Transmission System (DTS)	20	2417.00000	1	2399.725000	-34.293
Digital Transmission System (DTS)	20	2417.00000	1	2398.575000	-34.301
Digital Transmission System (DTS)	20	2457.00000	1	2483.825000	-39.829
Digital Transmission System (DTS)	20	2457.00000	1	2483.775000	-40.288
Digital Transmission System (DTS)	20	2457.00000	1	2483.875000	-40.378
Digital Transmission System (DTS)	20	2457.00000	1	2499.275000	-40.458
Digital Transmission System (DTS)	20	2457.00000	1	2484.075000	-40.570
Digital Transmission System (DTS)	20	2457.00000	1	2486.625000	-40.595
Digital Transmission System (DTS)	20	2457.00000	1	2499.225000	-40.630
Digital Transmission System (DTS)	20	2457.00000	1	2484.425000	-40.754
Digital Transmission System (DTS)	20	2457.00000	1	2483.975000	-40.767
Digital Transmission System (DTS)	20	2457.00000	1	2484.225000	-40.831
Digital Transmission System (DTS)	20	2457.00000	1	2484.475000	-40.840
Digital Transmission System (DTS)	20	2457.00000	1	2486.575000	-40.939
Digital Transmission System (DTS)	20	2457.00000	1	2483.925000	-40.975
Digital Transmission System (DTS)	20	2457.00000	1	2484.125000	-40.998
Digital Transmission System (DTS)	20	2457.00000	1	2486.675000	-41.072
Digital Transmission System (DTS)	20	2462.00000	1	2483.575000	-36.639
Digital Transmission System (DTS)	20	2462.00000	1	2485.475000	-36.790

Equipment	BW (MHz)	Freq (MHz)	Port	Freq (MHz)	Lvl (dBm)
Digital Transmission System (DTS)	20	2462.00000	1	2483.525000	-36.897
Digital Transmission System (DTS)	20	2462.00000	1	2483.625000	-36.929
Digital Transmission System (DTS)	20	2462.00000	1	2485.425000	-37.035
Digital Transmission System (DTS)	20	2462.00000	1	2483.975000	-37.089
Digital Transmission System (DTS)	20	2462.00000	1	2484.225000	-37.359
Digital Transmission System (DTS)	20	2462.00000	1	2484.275000	-37.374
Digital Transmission System (DTS)	20	2462.00000	1	2484.325000	-37.590
Digital Transmission System (DTS)	20	2462.00000	1	2483.725000	-37.667
Digital Transmission System (DTS)	20	2462.00000	1	2483.675000	-37.671
Digital Transmission System (DTS)	20	2462.00000	1	2483.925000	-38.077
Digital Transmission System (DTS)	20	2462.00000	1	2484.025000	-38.094
Digital Transmission System (DTS)	20	2462.00000	1	2485.525000	-38.139
Digital Transmission System (DTS)	20	2462.00000	1	2484.675000	-38.224

Verdict

Pass

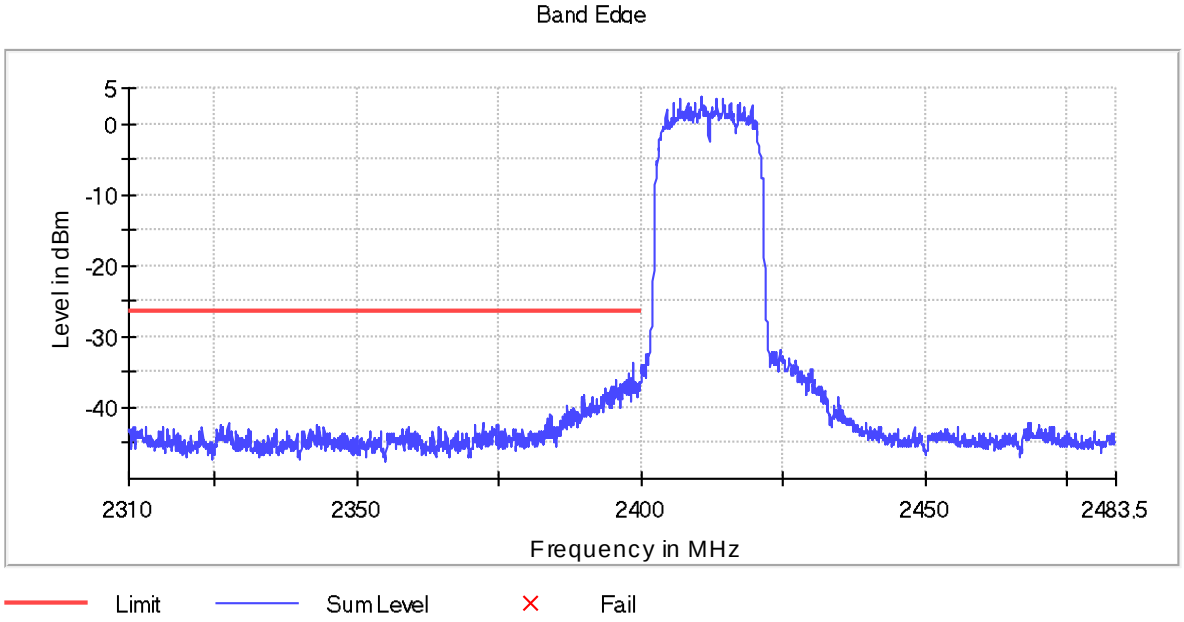
Attachments

Equipment Type = Digital Transmission System (DTS) Bandwidth MHz = 20

Modulation = 802.11ax HE20 (OFDMA MCS0) SU Frequency MHz = 2412.00000

MIMO Mode = SISO Active Port = 1

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	20.000 dBm	20.000 dBm
Attenuation	40.000 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

Setting	Instrument Value	Target Value
Stable	3 / 3	3
Max Stable Difference	0.00 dB	0.50 dB

Spectrum Analyzer Parameters 2

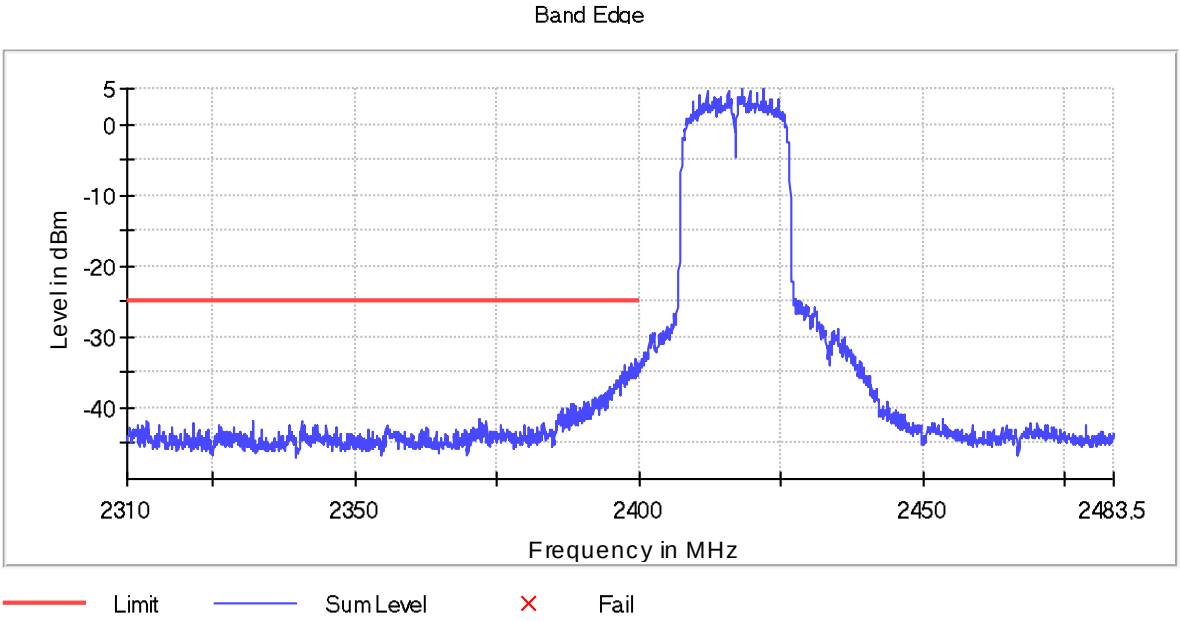
Setting	Instrument Value	Target Value
Start Frequency	2.40000 GHz	2.40000 GHz
Stop Frequency	2.48350 GHz	2.48350 GHz
Span	83.500 MHz	83.500 MHz
RBW	100.000 kHz	<= 100.000 kHz
VBW	300.000 kHz	>= 300.000 kHz
SweepPoints	1670	~ 1670
Sweeptime	94.727 µs	AUTO
Reference Level	20.000 dBm	20.000 dBm
Attenuation	40.000 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	43 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.44 dB	0.50 dB

Equipment Type = Digital Transmission System (DTS) Bandwidth MHz = 20

Modulation = 802.11ax HE20 (OFDMA MCS0) SU Frequency MHz = 2417.00000

MIMO Mode = SISO Active Port = 1

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	20.000 dBm	20.000 dBm
Attenuation	40.000 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

Setting	Instrument Value	Target Value
Max Stable Difference	0.00 dB	0.50 dB

Spectrum Analyzer Parameters 2

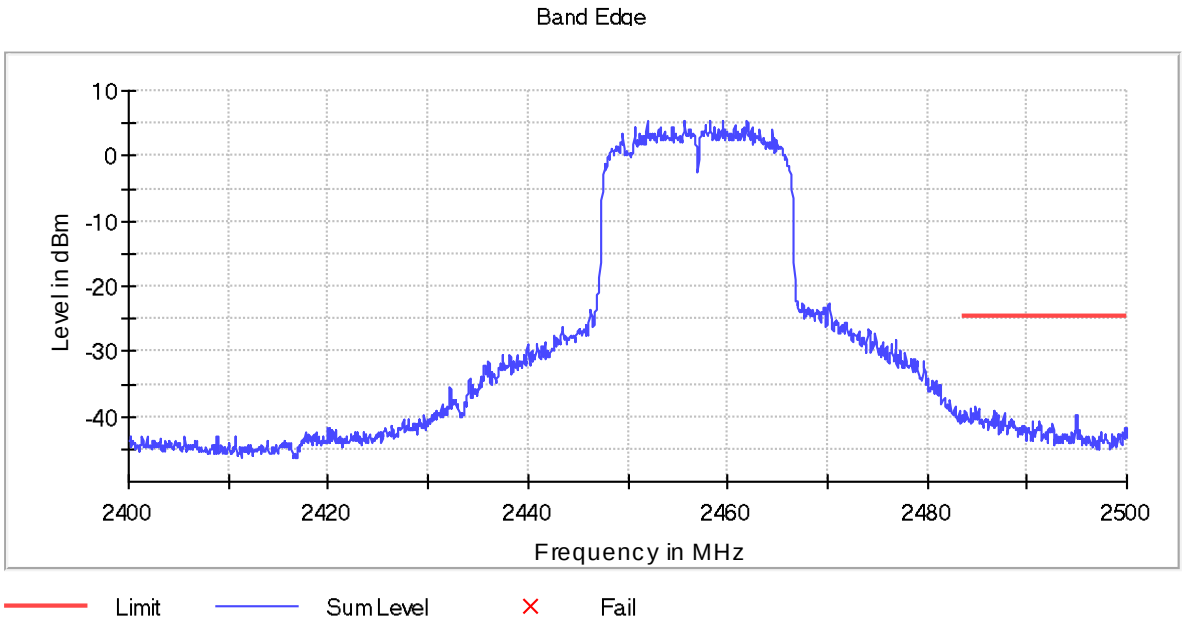
Setting	Instrument Value	Target Value
Start Frequency	2.40000 GHz	2.40000 GHz
Stop Frequency	2.48350 GHz	2.48350 GHz
Span	83.500 MHz	83.500 MHz
RBW	100.000 kHz	<= 100.000 kHz
VBW	300.000 kHz	>= 300.000 kHz
SweepPoints	1670	~ 1670
Sweeptime	94.727 µs	AUTO
Reference Level	20.000 dBm	20.000 dBm
Attenuation	40.000 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	43 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.44 dB	0.50 dB

Equipment Type = Digital Transmission System (DTS) Bandwidth MHz = 20

Modulation = 802.11ax HE20 (OFDMA MCS0) SU Frequency MHz = 2457.00000

MIMO Mode = SISO Active Port = 1

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	20.000 dBm	20.000 dBm
Attenuation	40.000 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

Setting	Instrument Value	Target Value
Max Stable Difference	0.00 dB	0.50 dB

Spectrum Analyzer Parameters 2

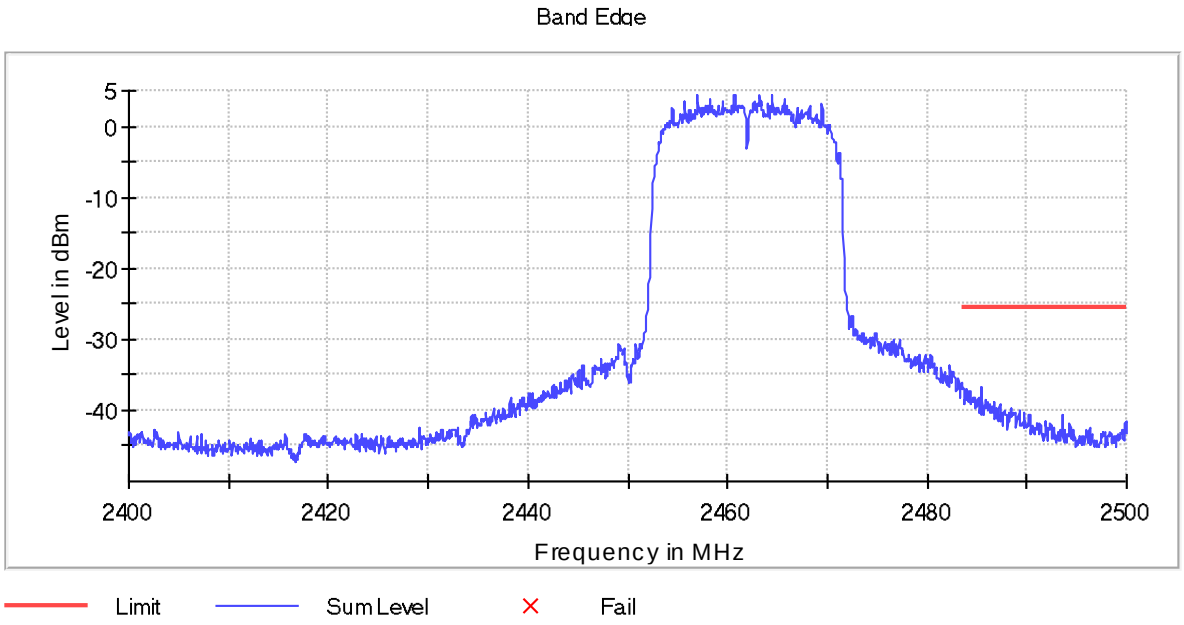
Setting	Instrument Value	Target Value
Start Frequency	2.40000 GHz	2.40000 GHz
Stop Frequency	2.48350 GHz	2.48350 GHz
Span	83.500 MHz	83.500 MHz
RBW	100.000 kHz	<= 100.000 kHz
VBW	300.000 kHz	>= 300.000 kHz
SweepPoints	1670	~ 1670
Sweeptime	94.727 µs	AUTO
Reference Level	20.000 dBm	20.000 dBm
Attenuation	40.000 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	43 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.44 dB	0.50 dB

Equipment Type = Digital Transmission System (DTS) Bandwidth MHz = 20

Modulation = 802.11ax HE20 (OFDMA MCS0) SU Frequency MHz = 2462.00000

MIMO Mode = SISO Active Port = 1

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	20.000 dBm	20.000 dBm
Attenuation	40.000 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

Setting	Instrument Value	Target Value
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	20.000 dBm	20.000 dBm
Attenuation	40.000 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	43 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.44 dB	0.50 dB

Results

Modulation: 802.11ax HE20 (OFDMA MCS0) RU 26 (Worst offset according to preliminary PSD testing)

MIMO Mode: SISO

Equipment	BW (MHz)	Freq (MHz)	Port	Freq (MHz)	Lvl (dBm)
Digital Transmission System (DTS)	20	2412.00000	1	2399.975000	-32.628
Digital Transmission System (DTS)	20	2412.00000	1	2399.925000	-33.314
Digital Transmission System (DTS)	20	2412.00000	1	2399.825000	-33.805
Digital Transmission System (DTS)	20	2412.00000	1	2399.875000	-33.826
Digital Transmission System (DTS)	20	2412.00000	1	2399.775000	-34.034
Digital Transmission System (DTS)	20	2412.00000	1	2399.525000	-34.490
Digital Transmission System (DTS)	20	2412.00000	1	2399.575000	-34.568
Digital Transmission System (DTS)	20	2412.00000	1	2399.725000	-34.939
Digital Transmission System (DTS)	20	2412.00000	1	2399.625000	-35.230
Digital Transmission System (DTS)	20	2412.00000	1	2399.675000	-35.248
Digital Transmission System (DTS)	20	2412.00000	1	2399.475000	-35.261
Digital Transmission System (DTS)	20	2412.00000	1	2399.225000	-35.619
Digital Transmission System (DTS)	20	2412.00000	1	2399.275000	-35.621
Digital Transmission System (DTS)	20	2412.00000	1	2399.175000	-35.900
Digital Transmission System (DTS)	20	2412.00000	1	2397.225000	-35.938
Digital Transmission System (DTS)	20	2457.00000	1	2483.825000	-39.829
Digital Transmission System (DTS)	20	2457.00000	1	2483.775000	-40.288
Digital Transmission System (DTS)	20	2457.00000	1	2483.875000	-40.378
Digital Transmission System (DTS)	20	2457.00000	1	2499.275000	-40.458
Digital Transmission System (DTS)	20	2457.00000	1	2484.075000	-40.570
Digital Transmission System (DTS)	20	2457.00000	1	2486.625000	-40.595
Digital Transmission System (DTS)	20	2457.00000	1	2499.225000	-40.630
Digital Transmission System (DTS)	20	2457.00000	1	2484.425000	-40.754

Equipment	BW (MHz)	Freq (MHz)	Port	Freq (MHz)	Lvl (dBm)
Digital Transmission System (DTS)	20	2457.00000	1	2483.975000	-40.767
Digital Transmission System (DTS)	20	2457.00000	1	2484.225000	-40.831
Digital Transmission System (DTS)	20	2457.00000	1	2484.475000	-40.840
Digital Transmission System (DTS)	20	2457.00000	1	2486.575000	-40.939
Digital Transmission System (DTS)	20	2457.00000	1	2483.925000	-40.975
Digital Transmission System (DTS)	20	2457.00000	1	2484.125000	-40.998
Digital Transmission System (DTS)	20	2457.00000	1	2486.675000	-41.072
Digital Transmission System (DTS)	20	2462.00000	1	2485.725000	-40.989
Digital Transmission System (DTS)	20	2462.00000	1	2486.525000	-41.048
Digital Transmission System (DTS)	20	2462.00000	1	2486.475000	-41.218
Digital Transmission System (DTS)	20	2462.00000	1	2483.775000	-41.282
Digital Transmission System (DTS)	20	2462.00000	1	2483.825000	-41.372
Digital Transmission System (DTS)	20	2462.00000	1	2485.675000	-41.528
Digital Transmission System (DTS)	20	2462.00000	1	2486.575000	-41.735
Digital Transmission System (DTS)	20	2462.00000	1	2485.775000	-41.792
Digital Transmission System (DTS)	20	2462.00000	1	2490.175000	-41.821
Digital Transmission System (DTS)	20	2462.00000	1	2490.225000	-42.044
Digital Transmission System (DTS)	20	2462.00000	1	2483.875000	-42.118
Digital Transmission System (DTS)	20	2462.00000	1	2485.475000	-42.157
Digital Transmission System (DTS)	20	2462.00000	1	2487.775000	-42.192
Digital Transmission System (DTS)	20	2462.00000	1	2488.175000	-42.269
Digital Transmission System (DTS)	20	2462.00000	1	2487.625000	-42.276

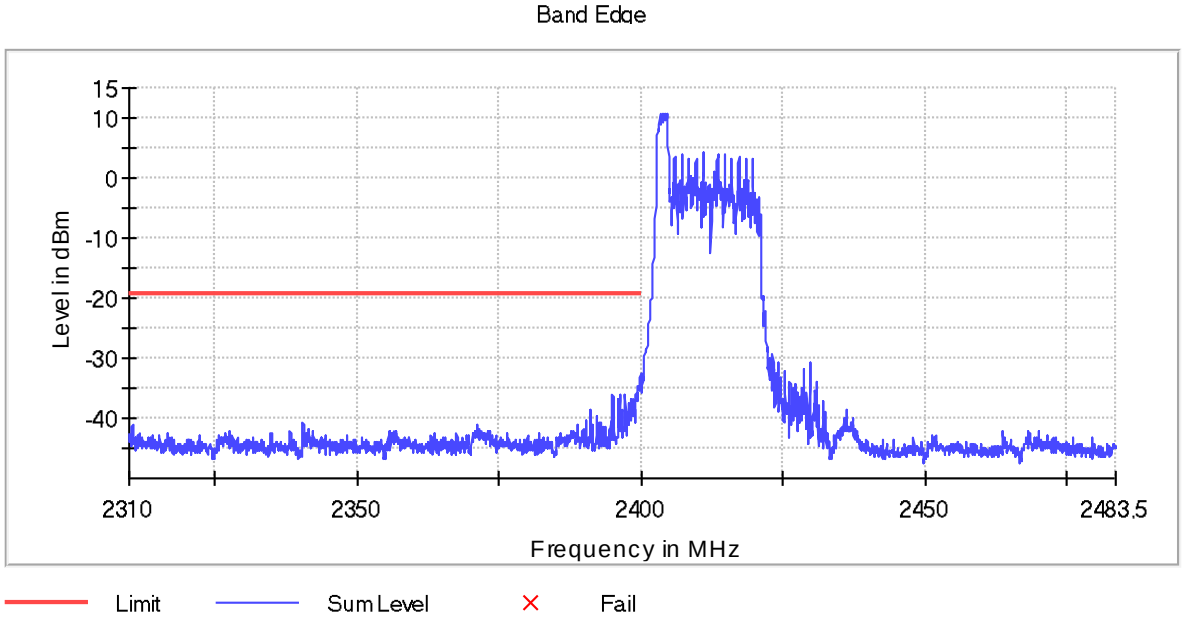
Verdict

Pass

Attachments

Equipment Type = Digital Transmission System (DTS)
Bandwidth MHz = 20
Modulation = 802.11ax HE20 (OFDMA MCS0) RU 26 offset Low
Frequency MHz = 2412.00000
MIMO Mode = SISO
Active Port = 1

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	20.000 dBm	20.000 dBm
Attenuation	40.000 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

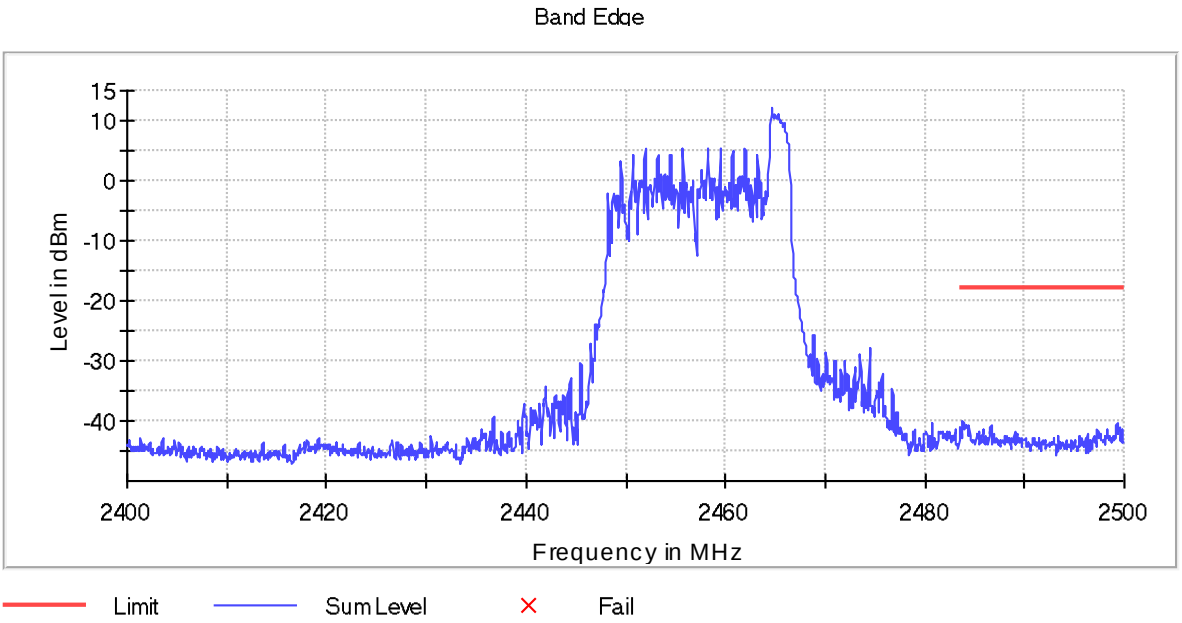
Setting	Instrument Value	Target Value
Stable	3 / 3	3
Max Stable Difference	0.00 dB	0.50 dB

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	20.000 dBm	20.000 dBm
Attenuation	40.000 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	43 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.44 dB	0.50 dB

Equipment Type = Digital Transmission System (DTS)
Modulation = 802.11ax HE20 (OFDMA MCS0) RU 26 offset high
MIMO Mode = SISO
Bandwidth MHz = 20
Frequency MHz = 2457.00000
Active Port = 1

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	20.000 dBm	20.000 dBm
Attenuation	40.000 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

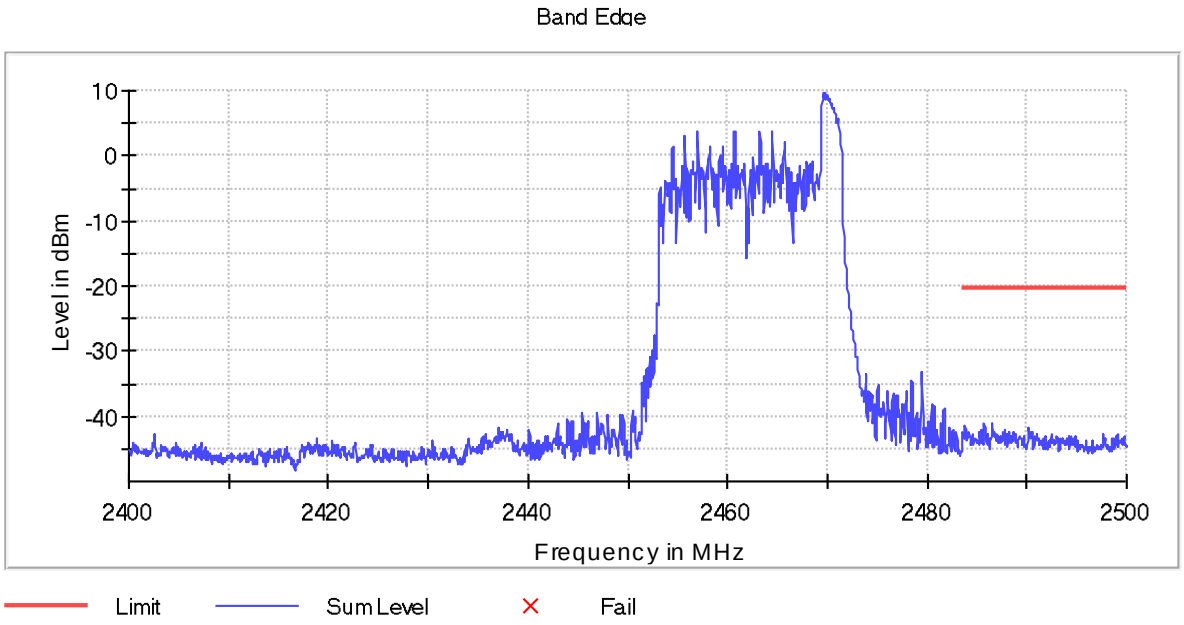
Setting	Instrument Value	Target Value
Max Stable Difference	0.00 dB	0.50 dB

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	20.000 dBm	20.000 dBm
Attenuation	40.000 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	43 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.44 dB	0.50 dB

Equipment Type = Digital Transmission System (DTS)
Modulation = 802.11ax HE20 (OFDMA MCS0) RU 26 offset high
MIMO Mode = SISO
Bandwidth MHz = 20
Frequency MHz = 2462.00000
Active Port = 1

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	20.000 dBm	20.000 dBm
Attenuation	40.000 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

Setting	Instrument Value	Target Value
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	20.000 dBm	20.000 dBm
Attenuation	40.000 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	43 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.44 dB	0.50 dB

Results

Modulation: 802.11n HT40 (OFDM MCS0)

MIMO Mode: SISO

Equipment	BW (MHz)	Freq (MHz)	Port	Freq (MHz)	Lvl (dBm)
Digital Transmission System (DTS)	40	2422.00000	1	2398.875000	-37.8
Digital Transmission System (DTS)	40	2422.00000	1	2398.825000	-37.9
Digital Transmission System (DTS)	40	2422.00000	1	2398.275000	-38.2
Digital Transmission System (DTS)	40	2422.00000	1	2399.525000	-38.3
Digital Transmission System (DTS)	40	2422.00000	1	2398.225000	-38.4
Digital Transmission System (DTS)	40	2422.00000	1	2399.125000	-38.5
Digital Transmission System (DTS)	40	2422.00000	1	2399.825000	-38.5
Digital Transmission System (DTS)	40	2422.00000	1	2399.075000	-38.5
Digital Transmission System (DTS)	40	2422.00000	1	2399.475000	-38.5
Digital Transmission System (DTS)	40	2422.00000	1	2399.875000	-38.6
Digital Transmission System (DTS)	40	2422.00000	1	2396.975000	-38.6
Digital Transmission System (DTS)	40	2422.00000	1	2399.225000	-38.7
Digital Transmission System (DTS)	40	2422.00000	1	2397.275000	-38.7
Digital Transmission System (DTS)	40	2422.00000	1	2395.775000	-38.7
Digital Transmission System (DTS)	40	2422.00000	1	2395.725000	-38.9
Digital Transmission System (DTS)	40	2432.00000	1	2398.225000	-35.665
Digital Transmission System (DTS)	40	2432.00000	1	2398.175000	-35.705
Digital Transmission System (DTS)	40	2432.00000	1	2398.825000	-36.588
Digital Transmission System (DTS)	40	2432.00000	1	2398.025000	-36.629
Digital Transmission System (DTS)	40	2432.00000	1	2397.975000	-36.687
Digital Transmission System (DTS)	40	2432.00000	1	2398.575000	-36.891
Digital Transmission System (DTS)	40	2432.00000	1	2398.075000	-36.925
Digital Transmission System (DTS)	40	2432.00000	1	2398.275000	-36.927
Digital Transmission System (DTS)	40	2432.00000	1	2398.625000	-36.932
Digital Transmission System (DTS)	40	2432.00000	1	2398.525000	-37.121
Digital Transmission System (DTS)	40	2432.00000	1	2394.425000	-37.213
Digital Transmission System (DTS)	40	2432.00000	1	2398.875000	-37.257
Digital Transmission System (DTS)	40	2432.00000	1	2394.475000	-37.328
Digital Transmission System (DTS)	40	2432.00000	1	2399.425000	-37.383
Digital Transmission System (DTS)	40	2432.00000	1	2399.525000	-37.435
Digital Transmission System (DTS)	40	2452.00000	1	2486.375000	-38.4
Digital Transmission System (DTS)	40	2452.00000	1	2486.325000	-38.8
Digital Transmission System (DTS)	40	2452.00000	1	2483.575000	-38.9
Digital Transmission System (DTS)	40	2452.00000	1	2486.125000	-39.2
Digital Transmission System (DTS)	40	2452.00000	1	2486.175000	-39.2
Digital Transmission System (DTS)	40	2452.00000	1	2485.175000	-39.3
Digital Transmission System (DTS)	40	2452.00000	1	2483.525000	-39.3

Equipment	BW (MHz)	Freq (MHz)	Port	Freq (MHz)	Lvl (dBm)
Digital Transmission System (DTS)	40	2452.00000	1	2487.225000	-39.3
Digital Transmission System (DTS)	40	2452.00000	1	2483.875000	-39.4
Digital Transmission System (DTS)	40	2452.00000	1	2485.225000	-39.4
Digital Transmission System (DTS)	40	2452.00000	1	2484.625000	-39.5
Digital Transmission System (DTS)	40	2452.00000	1	2486.425000	-39.5
Digital Transmission System (DTS)	40	2452.00000	1	2485.425000	-39.7
Digital Transmission System (DTS)	40	2452.00000	1	2487.175000	-39.7
Digital Transmission System (DTS)	40	2452.00000	1	2483.675000	-39.7

Verdict

Pass

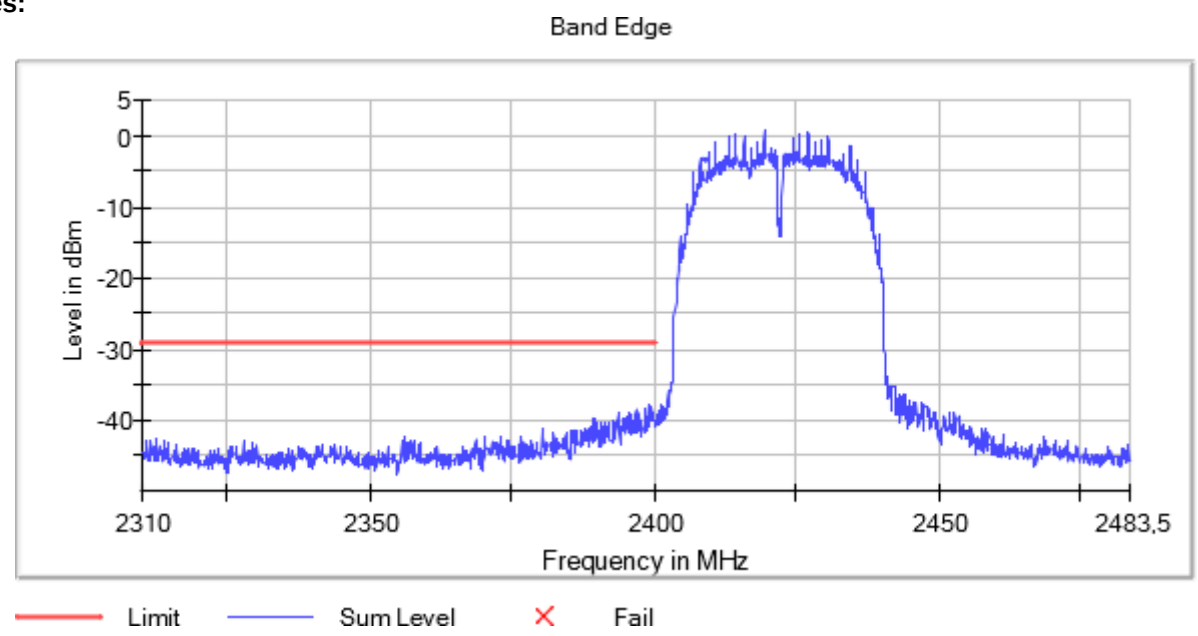
Attachments

Equipment Type = Digital Transmission System (DTS) Bandwidth MHz = 40

Modulation = 802.11n HT40 (OFDM MCS0) Frequency MHz = 2422.00000

MIMO Mode = SISO Active Port = 1

Images:



Tables:

Spectrum nalyzer 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	20.000 dBm	20.000 dBm
Attenuation	40.000 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

Setting	Instrument Value	Target Value
Max Stable Difference	0.00 dB	0.50 dB

Spectrum Analyzer Parameters 2

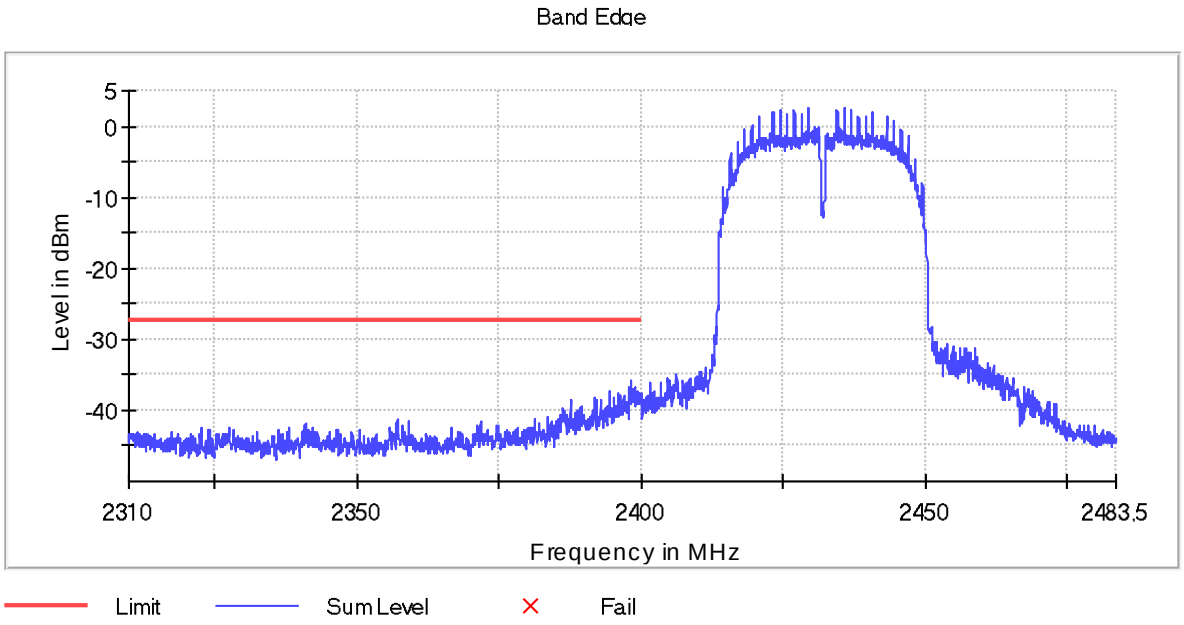
Setting	Instrument Value	Target Value
Start Frequency	2.40000 GHz	2.40000 GHz
Stop Frequency	2.48350 GHz	2.48350 GHz
Span	83.500 MHz	83.500 MHz
RBW	100.000 kHz	<= 100.000 kHz
VBW	300.000 kHz	>= 300.000 kHz
SweepPoints	1670	~ 1670
Sweeptime	94.727 µs	AUTO
Reference Level	20.000 dBm	20.000 dBm
Attenuation	40.000 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	29 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.36 dB	0.50 dB

Equipment Type = Digital Transmission System (DTS) Bandwidth MHz = 40

Modulation = 802.11n HT40 (OFDM MCS0) Frequency MHz = 2422.00000

MIMO Mode = SISO Active Port = 1

Images:



Tables:

Spectrum nalyzer 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	20.000 dBm	20.000 dBm
Attenuation	40.000 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

Setting	Instrument Value	Target Value
Max Stable Difference	0.00 dB	0.50 dB

Spectrum Analyzer Parameters 2

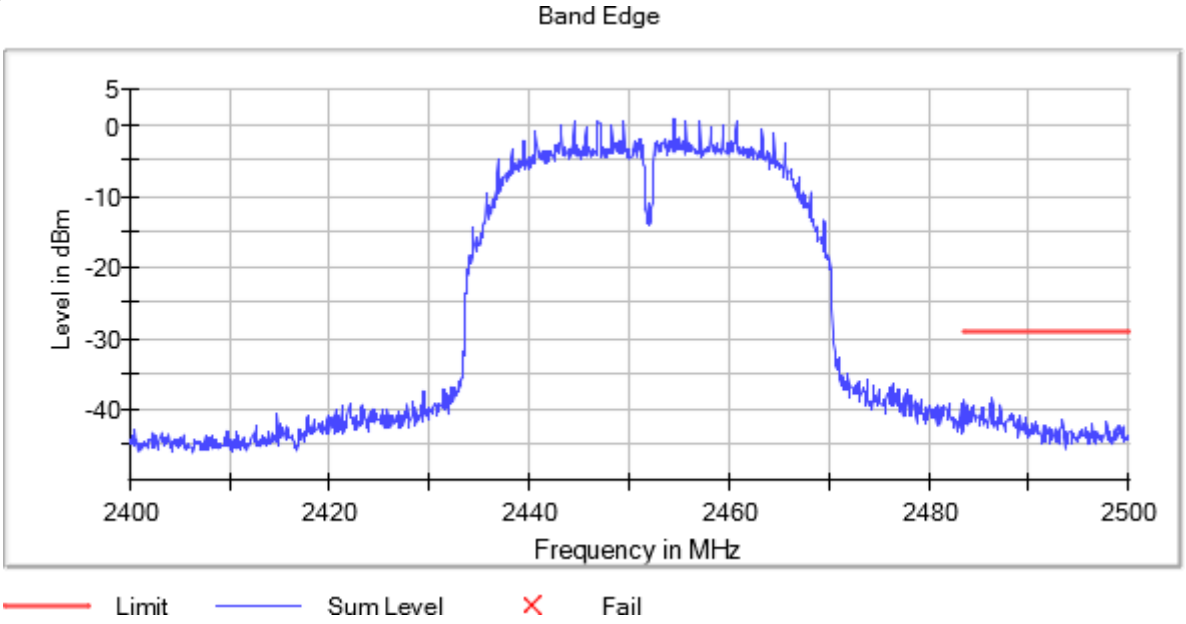
Setting	Instrument Value	Target Value
Start Frequency	2.40000 GHz	2.40000 GHz
Stop Frequency	2.48350 GHz	2.48350 GHz
Span	83.500 MHz	83.500 MHz
RBW	100.000 kHz	<= 100.000 kHz
VBW	300.000 kHz	>= 300.000 kHz
SweepPoints	1670	~ 1670
Sweeptime	94.727 µs	AUTO
Reference Level	20.000 dBm	20.000 dBm
Attenuation	40.000 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	29 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.36 dB	0.50 dB

Equipment Type = Digital Transmission System (DTS) Bandwidth MHz = 40

Modulation = 802.11n HT40 (OFDM MCS0) Frequency MHz = 2452.00000

MIMO Mode = SISO Active Port = 1

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	20.000 dBm	20.000 dBm
Attenuation	40.000 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	20.000 dBm	20.000 dBm
Attenuation	40.000 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	29 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.36 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 (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.

Verdict

Pass

Results

Modulation: 802.11b (DSSS 1 Mbit/s)

MIMO Mode: SISO

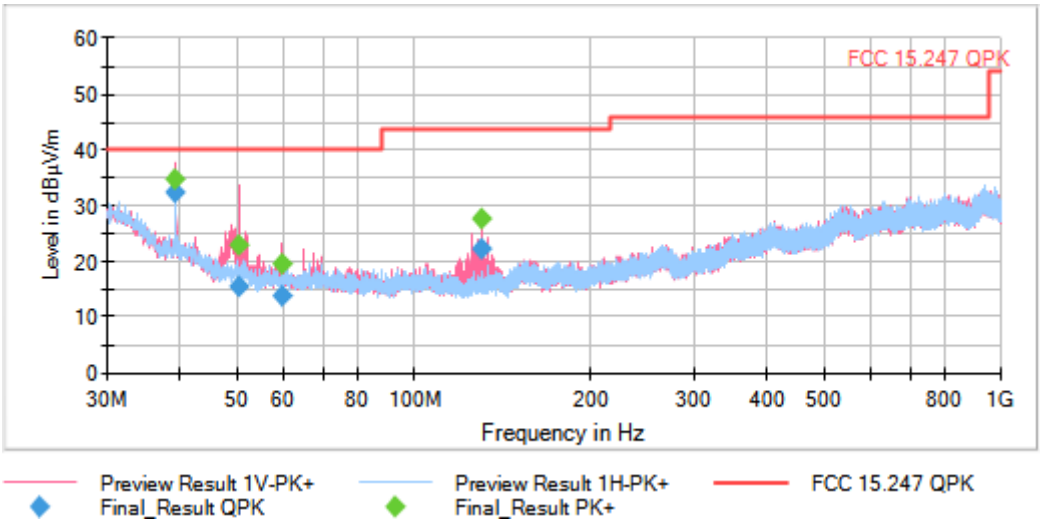
Attachments

Frequency Range GHz = [0.03, 1] Equipment Type = Digital Transmission System (DTS)

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

MIMO Mode = SISO Active Port = 1

Images:



Tables:

Spectrum Analyzer Parameters

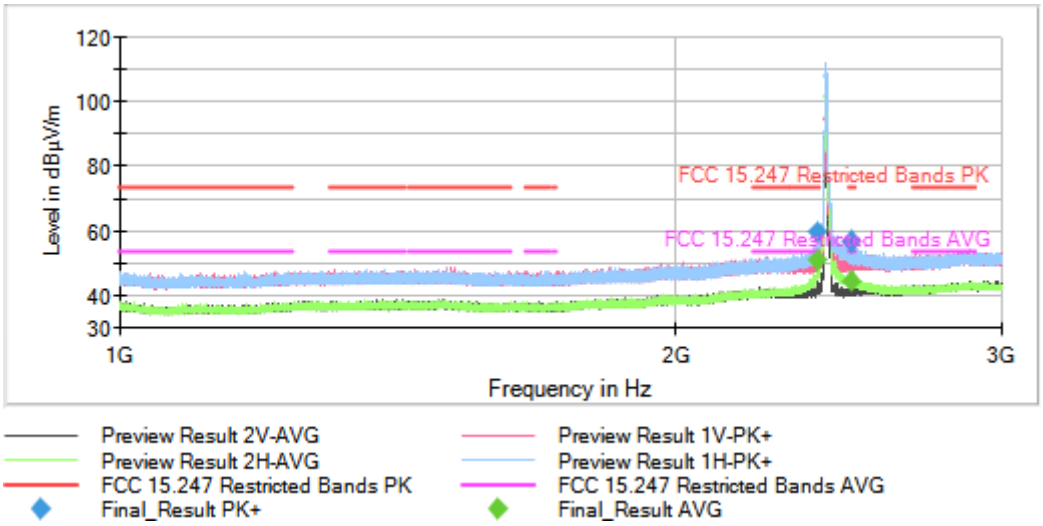
	Subrange	Step Size	Detectors	Bandwidth	Sweep Time	Preamp
	Receiver: [ESW 44]					
	30 MHz - 1 GHz	30,312 kHz	PK+	100 kHz	1 s	0 dB

Frequency Range GHz = [1, 3] Equipment Type = Digital Transmission System (DTS)

Modulation = 802.11b (DSSS 1 Mbit/s) Frequency MHz = 2412.00000

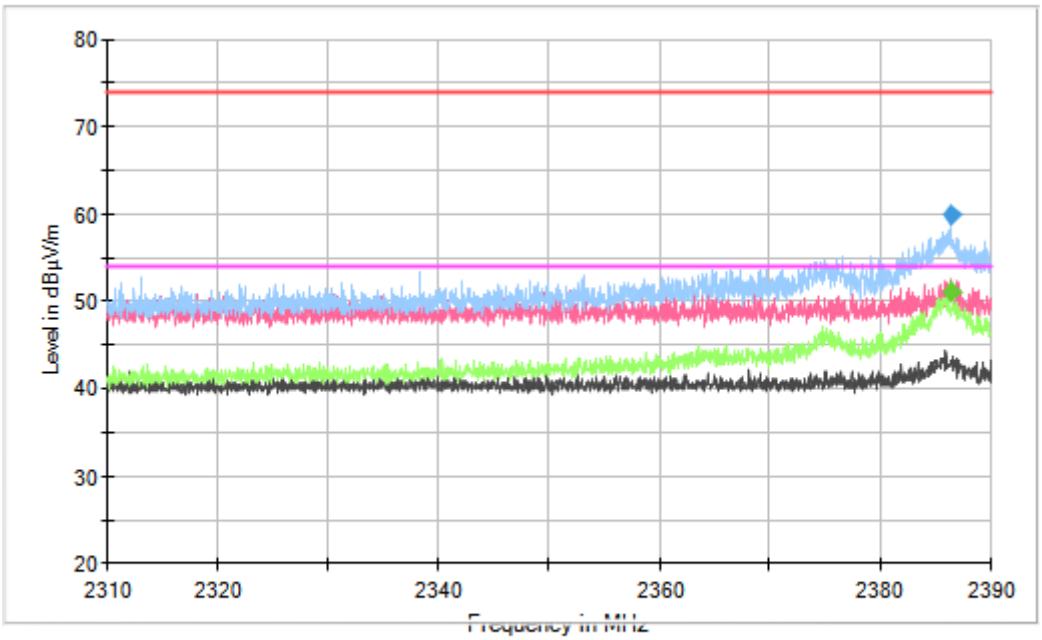
MIMO Mode = SISO Active Port = 1

Images:

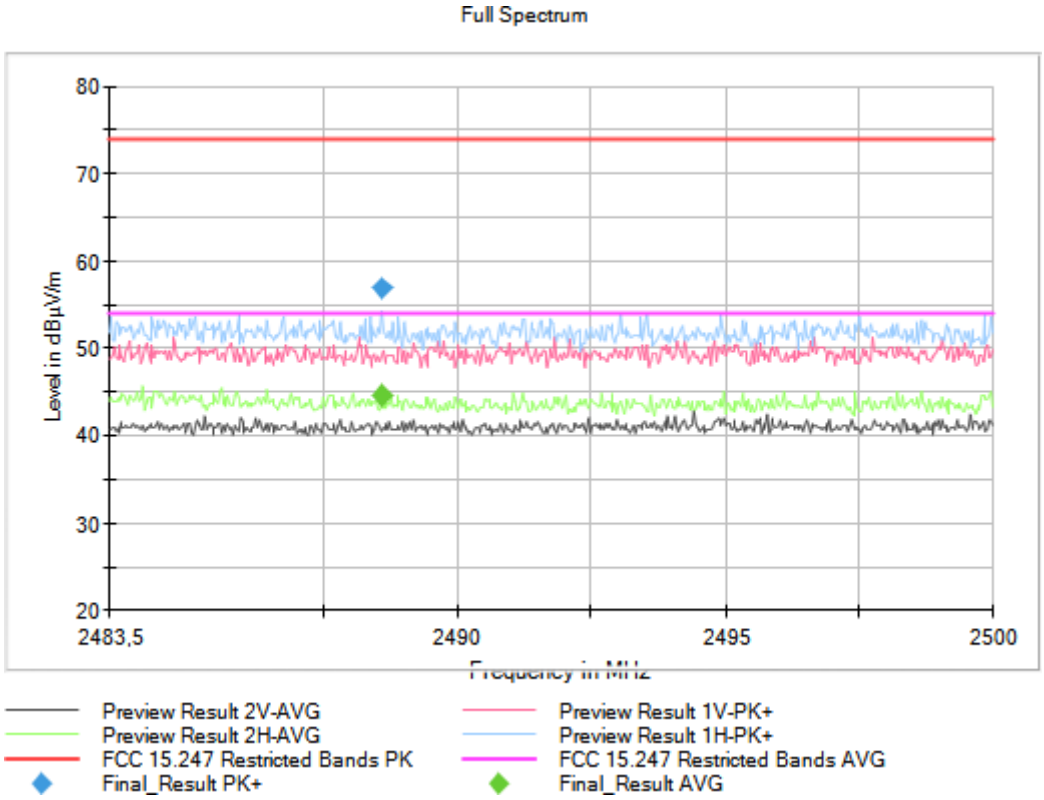


Preview Result 2V-AVG
Preview Result 2H-AVG
FCC 15.247 Restricted Bands PK
Final_Result PK+
Preview Result 1V-PK+
Preview Result 1H-PK+
FCC 15.247 Restricted Bands AVG
Final_Result AVG

Full Spectrum



Preview Result 2V-AVG
Preview Result 2H-AVG
FCC 15.247 Restricted Bands PK
Final_Result PK+
Preview Result 1V-PK+
Preview Result 1H-PK+
FCC 15.247 Restricted Bands AVG
Final_Result AVG



Tables:

Spectrum Analyzer Parameters

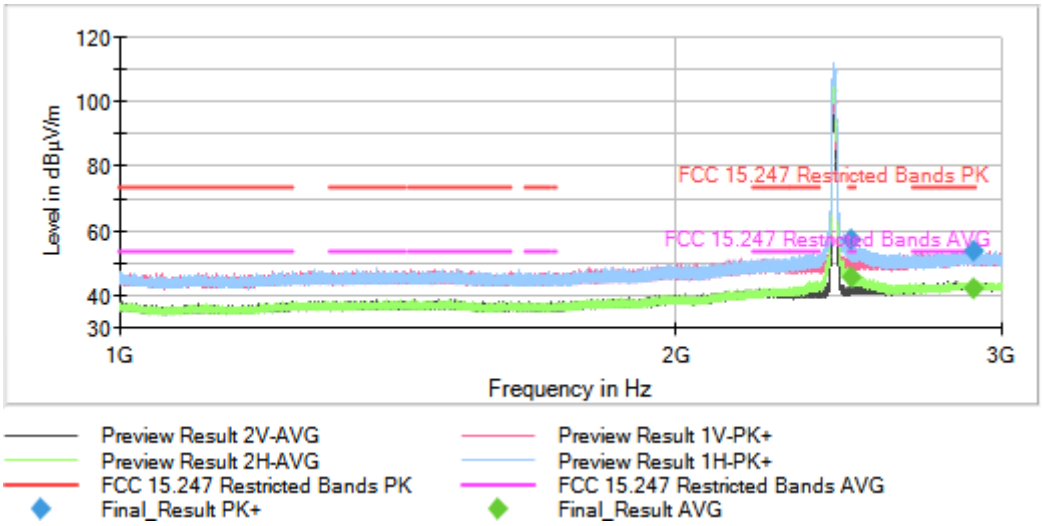
	Subrange	Step Size	Detectors	Bandwidth	Sweep Time	Preamp
	Receiver: [ESW 44]					
	1 GHz - 3 GHz	30,769 kHz	PK+ ; AVG	1 MHz	1 s	0 dB

Frequency Range GHz = [1, 3] Equipment Type = Digital Transmission System (DTS)

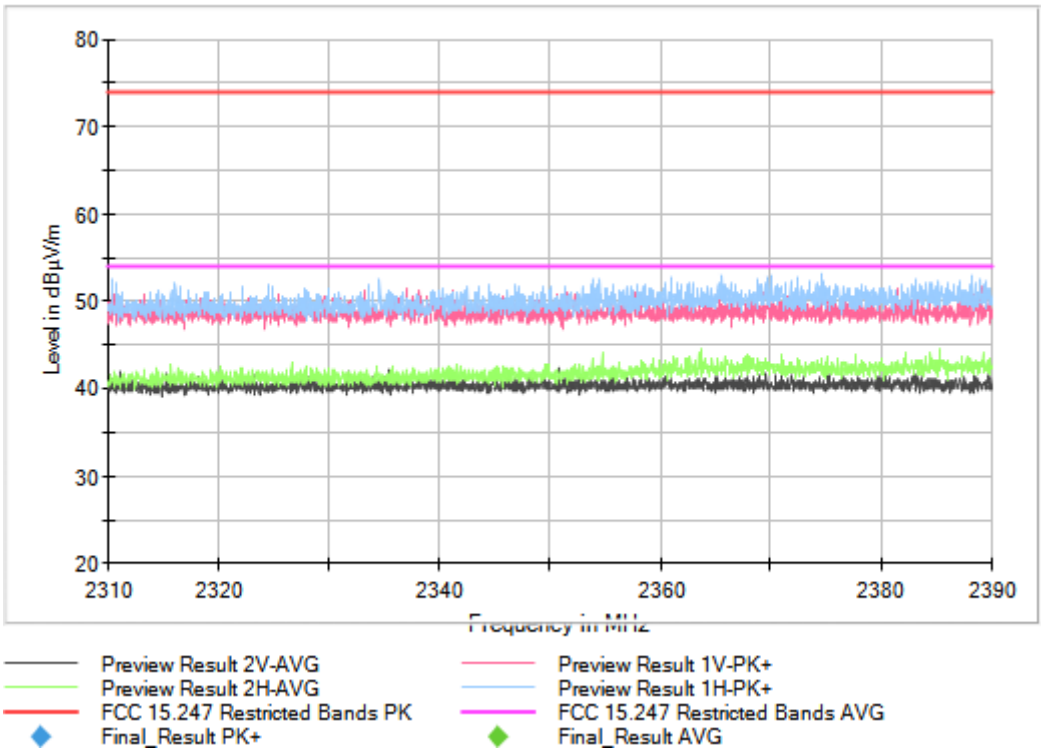
Modulation = 802.11b (DSSS 1 Mbit/s) Frequency MHz = 2437.00000

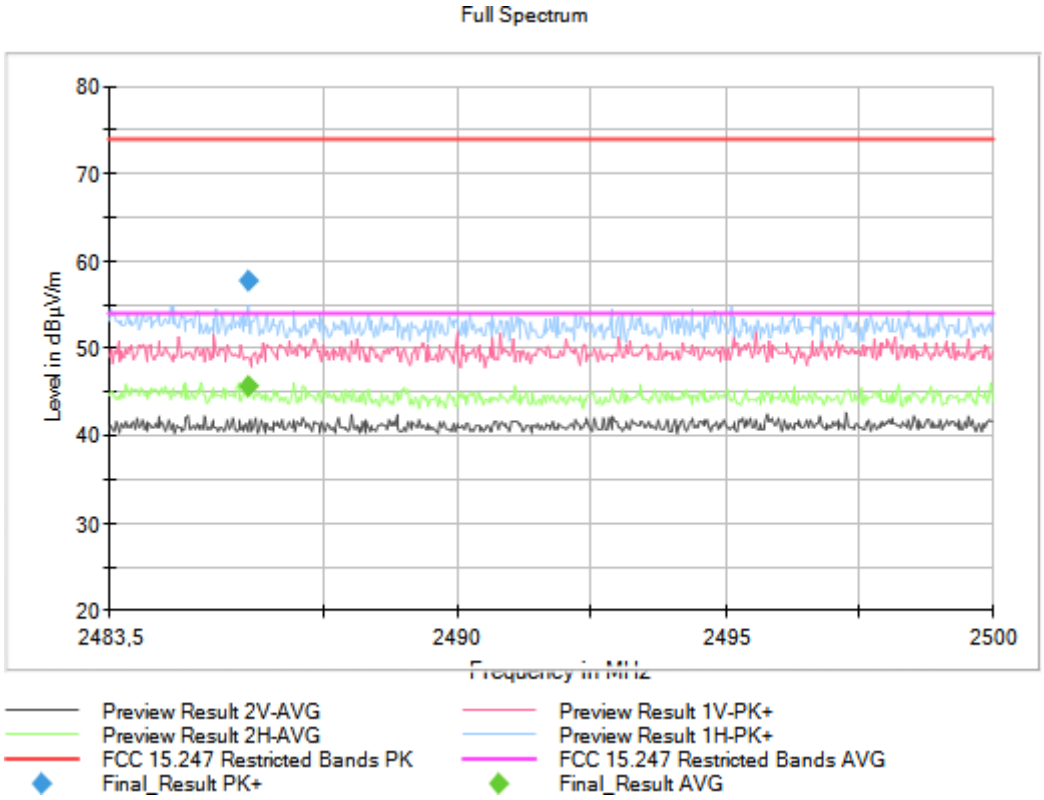
MIMO Mode = SISO Active Port = 1

Images:



Full Spectrum





Tables:

Spectrum Analyzer Parameters

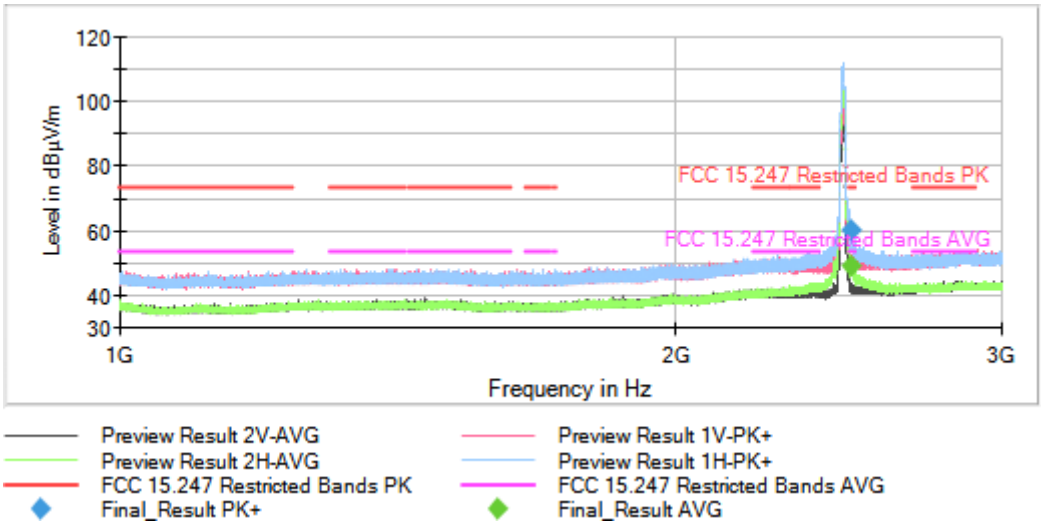
	Subrange	Step Size	Detectors	Bandwidth	Sweep Time	Preamp
	Receiver: [ESW 44]					
	1 GHz - 3 GHz	30,769 kHz	PK+ ; AVG	1 MHz	1 s	0 dB

Frequency Range GHz = [1, 3] Equipment Type = Digital Transmission System (DTS)

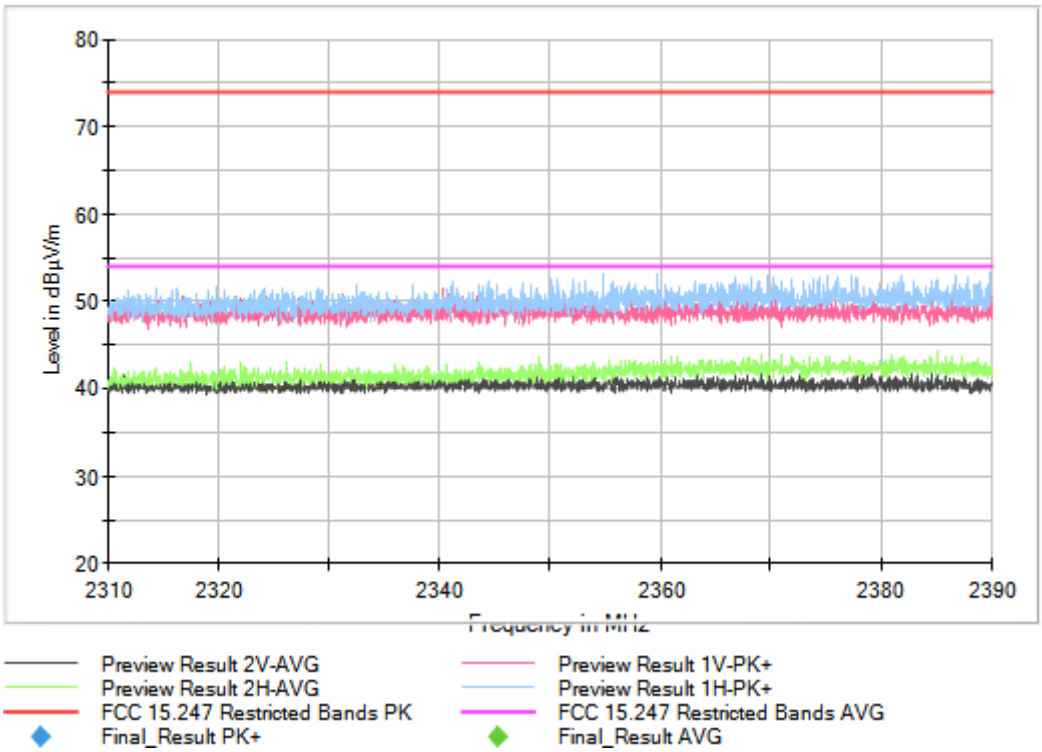
Modulation = 802.11b (DSSS 1 Mbit/s) Frequency MHz = 2462.00000

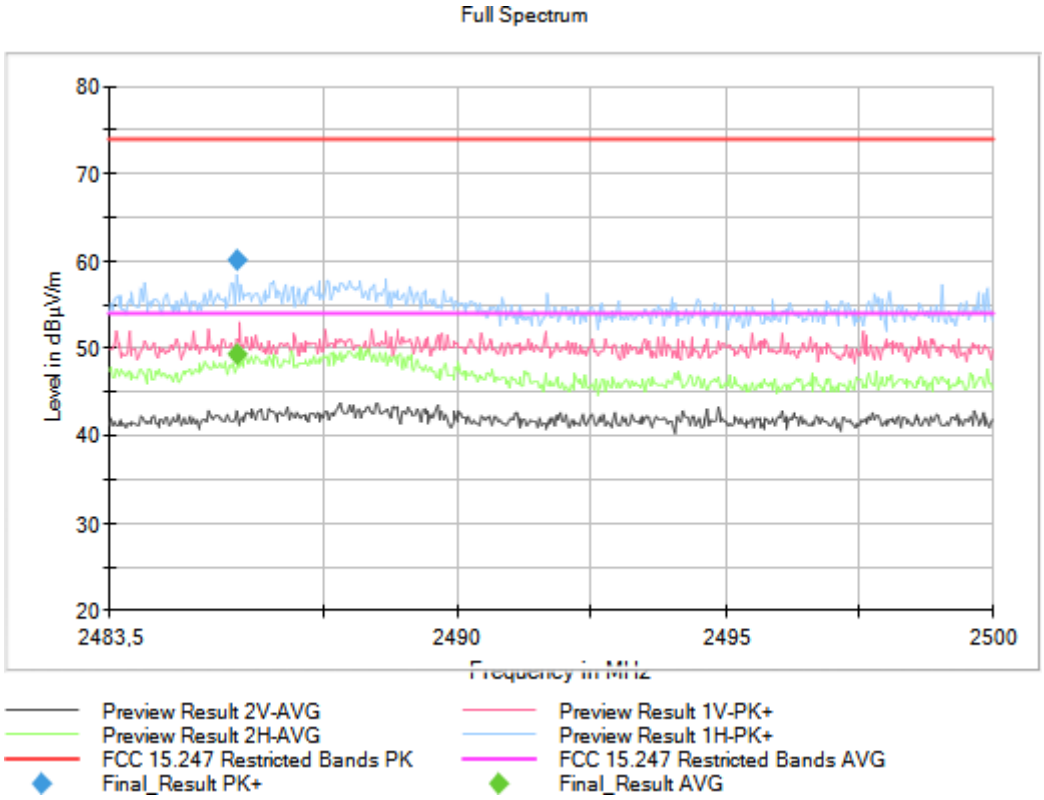
MIMO Mode = SISO Active Port = 1

Images:



Full Spectrum





Tables:

Spectrum Analyzer Parameters

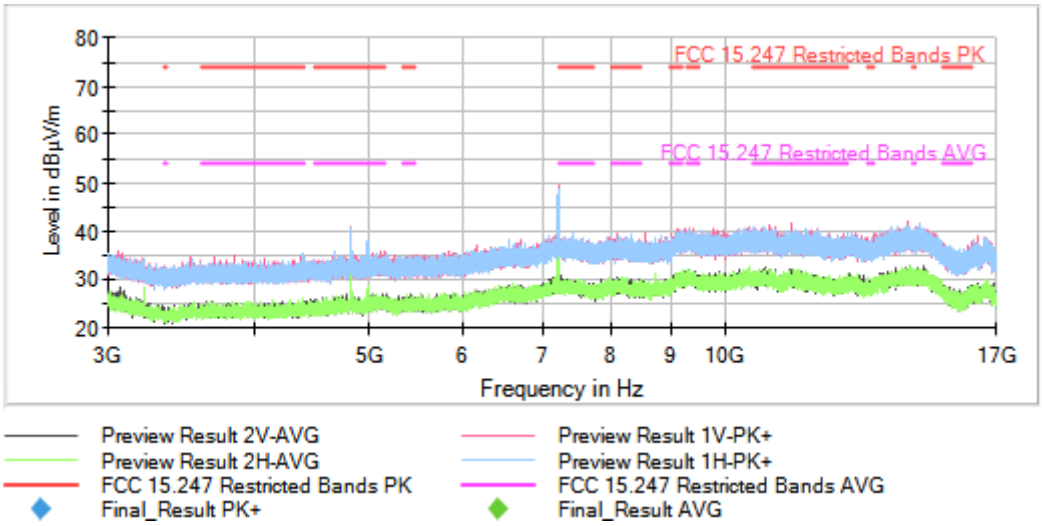
	Subrange	Step Size	Detectors	Bandwidth	Sweep Time	Preamp
	Receiver: [ESW 44]					
	1 GHz - 3 GHz	30,769 kHz	PK+ ; AVG	1 MHz	1 s	0 dB

Frequency Range GHz = [3, 17] Equipment Type = Digital Transmission System (DTS)

Modulation = 802.11b (DSSS 1 Mbit/s) Frequency MHz = 2412.00000

MIMO Mode = SISO Active Port = 1

Images:



Tables:

Spectrum Analyzer Parameters

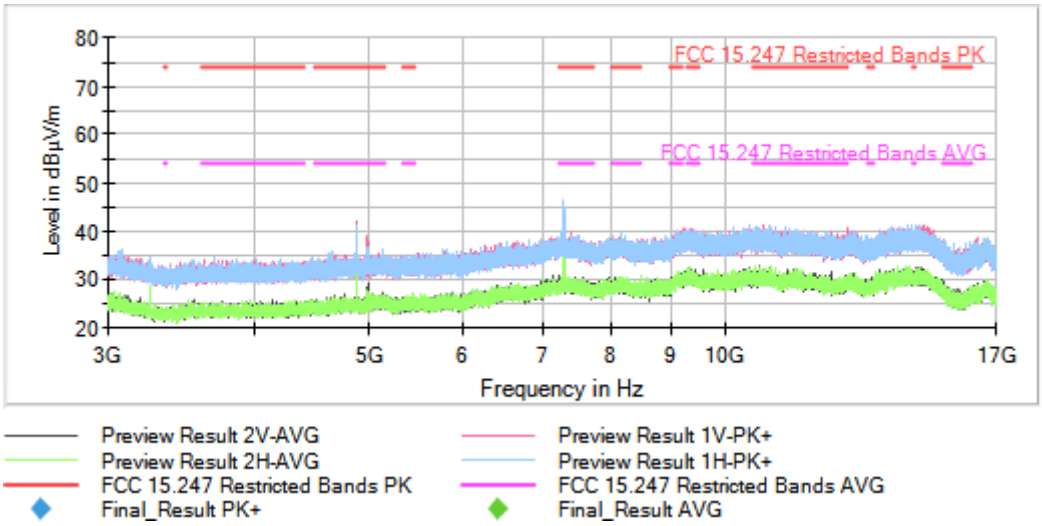
	Subrange	Step Size	Detectors	Bandwidth	Sweep Time	Preamp
	Receiver: [ESW 44]					
	3 GHz - 17 GHz	140 kHz	PK+ ; AVG	1 MHz	1 s	30 dB

Frequency Range GHz = [3, 17] Equipment Type = Digital Transmission System (DTS)

Modulation = 802.11b (DSSS 1 Mbit/s) Frequency MHz = 2437.00000

MIMO Mode = SISO Active Port = 1

Images:



Tables:

Spectrum Analyzer Parameters

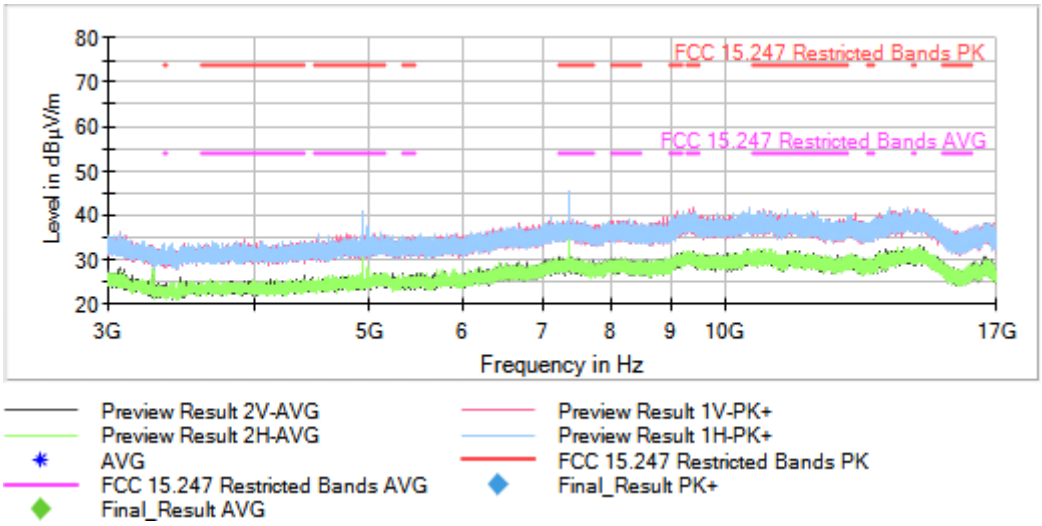
	Subrange	Step Size	Detectors	Bandwidth	Sweep Time	Preamp
	Receiver: [ESW 44]					
	3 GHz - 17 GHz	140 kHz	PK+ ; AVG	1 MHz	1 s	30 dB

Frequency Range GHz = [3, 17] Equipment Type = Digital Transmission System (DTS)

Modulation = 802.11b (DSSS 1 Mbit/s) Frequency MHz = 2462.00000

MIMO Mode = SISO Active Port = 1

Images:



Tables:

Spectrum Analyzer Parameters

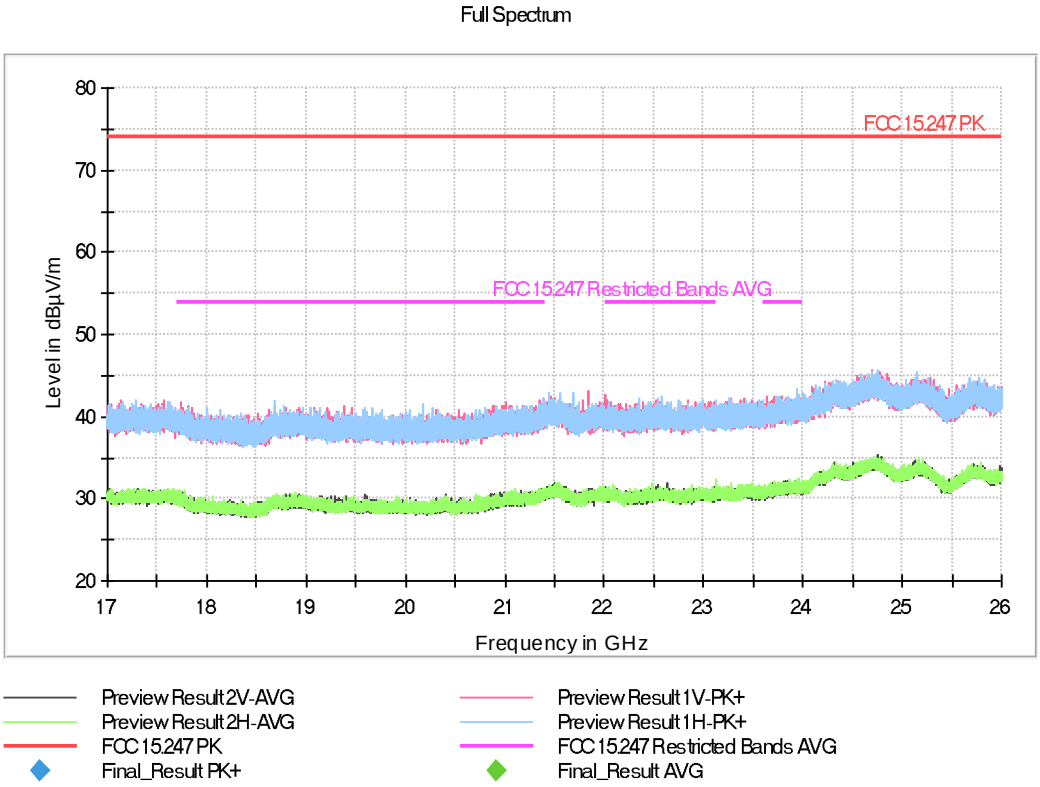
	Subrange	Step Size	Detectors	Bandwidth	Sweep Time	Preamp
	Receiver: [ESW 44]					
	3 GHz - 17 GHz	140 kHz	PK+ ; AVG	1 MHz	1 s	30 dB

Frequency Range GHz = [17, 26] Equipment Type = Digital Transmission System (DTS)

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

MIMO Mode = SISO Active Port = 1

Images:



Tables:

Spectrum Analyzer Parameters

	Subrange	Step Size	Detectors	Bandwidth	Sweep Time	Preamp
	Receiver: [FSV 40]					
	17 GHz - 26 GHz	300 kHz	PK+ ; AVG	1 MHz	1 s	0 dB

Results

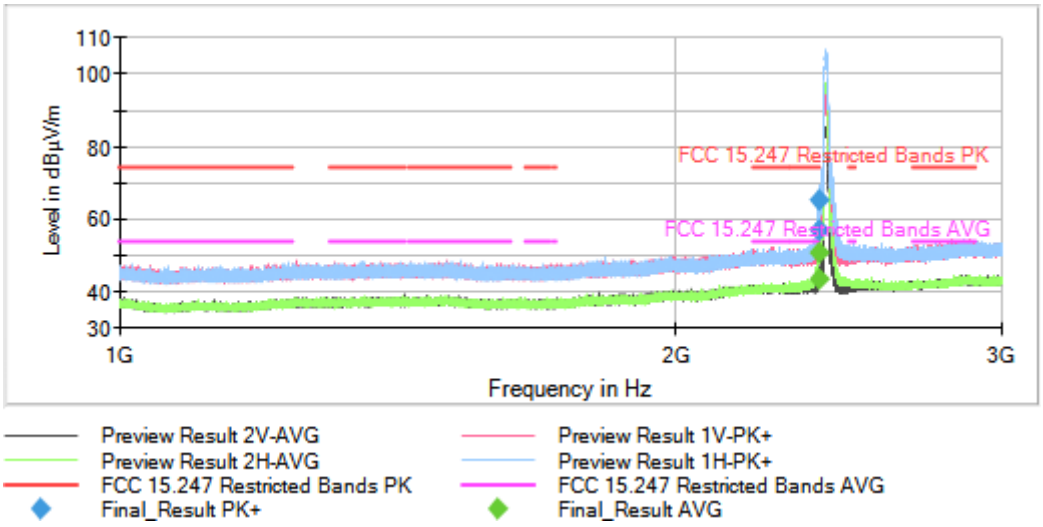
Modulation: 802.11g (OFDM 6 Mbit/s)

MIMO Mode: SISO

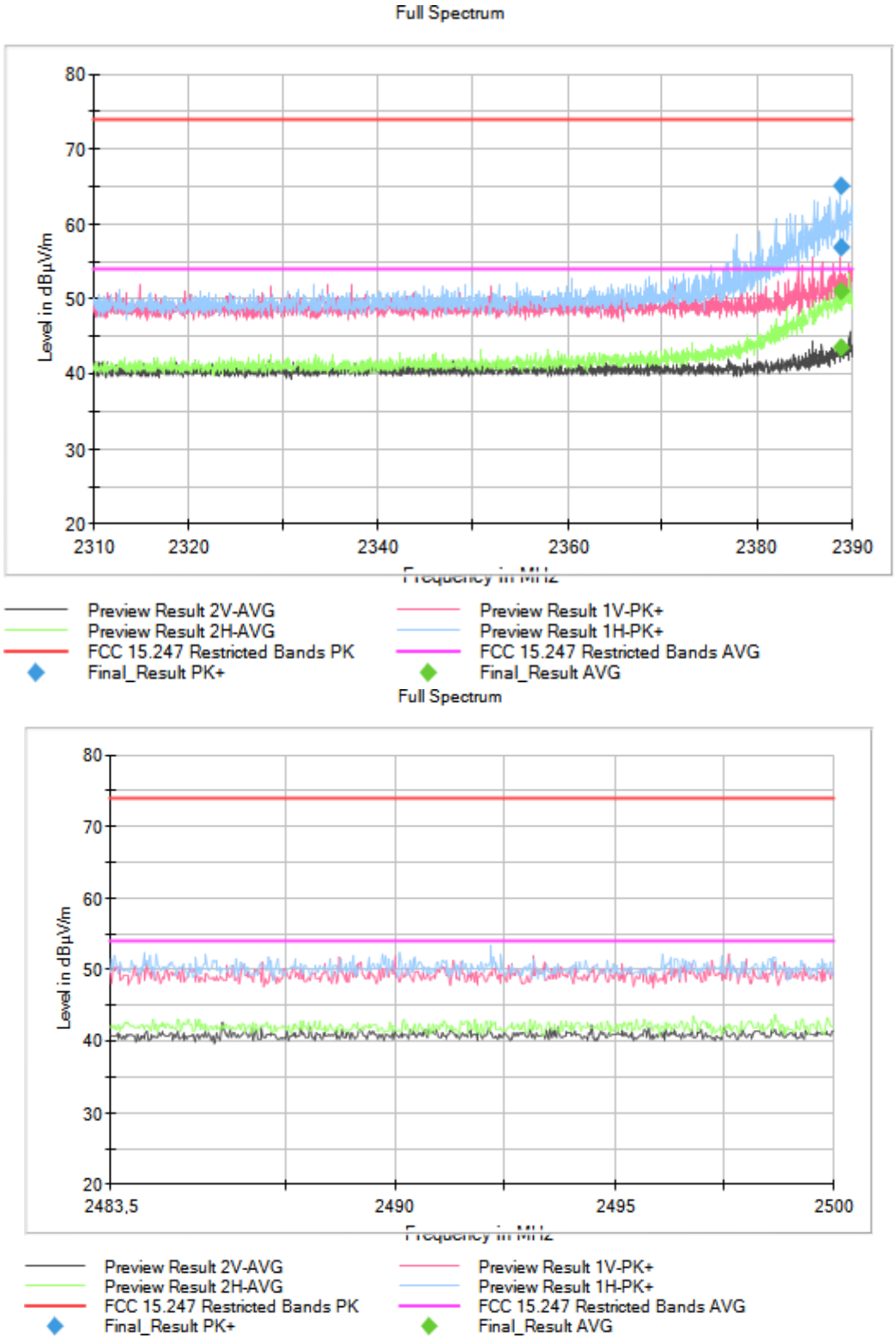
Attachments

Frequency Range GHz = [1, 3]	Equipment Type = Digital Transmission System (DTS)
Modulation = 802.11g (OFDM 6 Mbit/s)	Frequency MHz = 2412.00000
MIMO Mode = SISO	Active Port = 1

Images:



Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Pol	Azimuth (deg)
2388.769231	56.82	---	74.00	17.18	V	28.0
2388.769231	---	43.46	54.00	10.54	V	28.0
2388.861539	65.21	---	74.00	8.79	H	0.0
2388.861539	---	51.01	54.00	2.99	H	0.0



Tables:

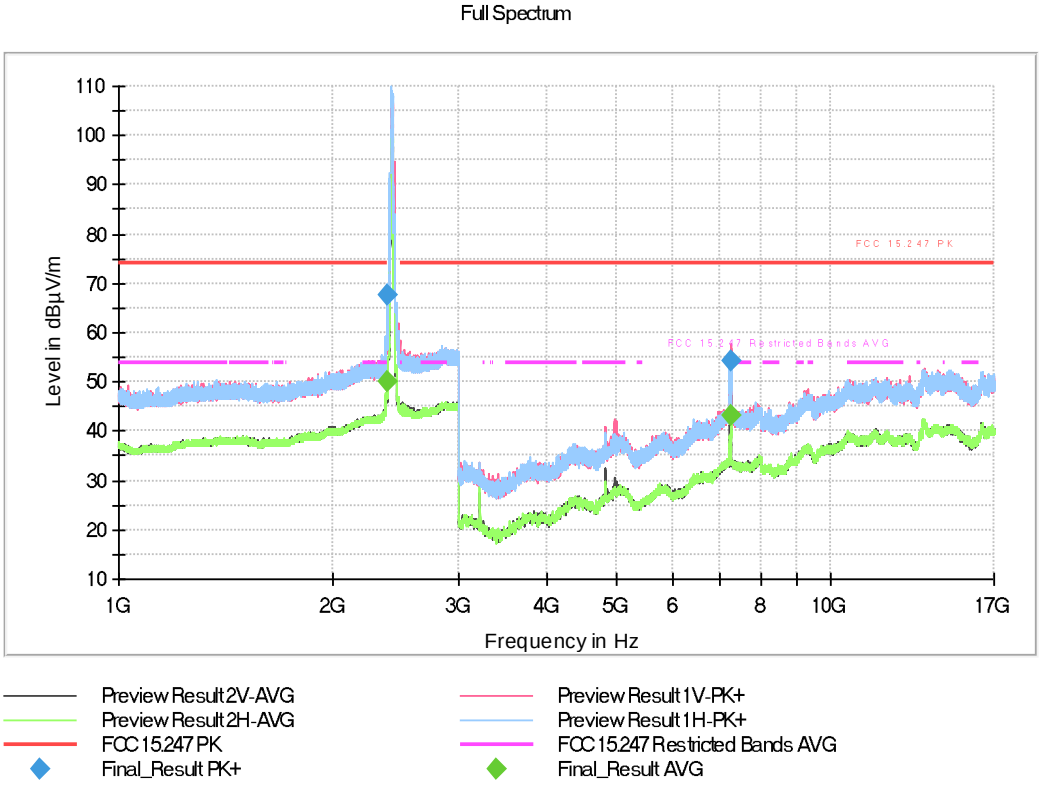
Spectrum Analyzer Parameters

	Subrange	Step Size	Detectors	Bandwidth	Sweep Time	Preamp
	Receiver: [ESW 44]					
	1 GHz - 3 GHz	30,769 kHz	PK+ ; AVG	1 MHz	1 s	0 dB

Attachments

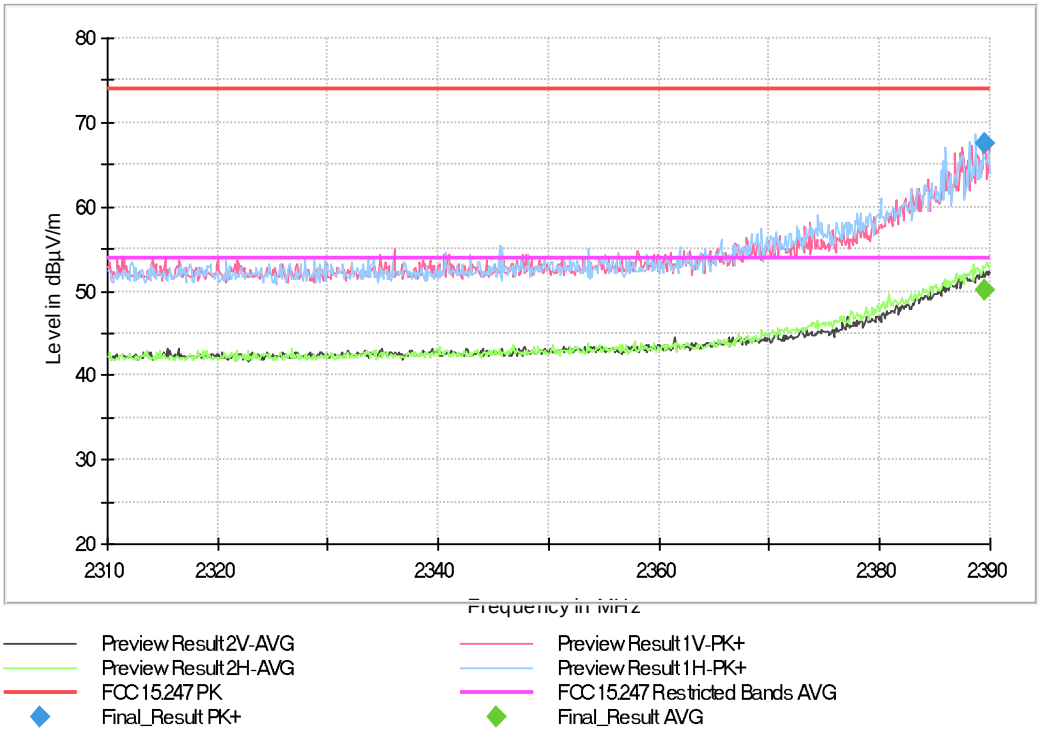
Frequency Range GHz = [1, 17]	Equipment Type = Digital Transmission System (DTS)
Modulation = 802.11g (OFDM 6 Mbit/s)	Frequency MHz = 2417.00000
MIMO Mode = SISO	Active Port = 1

Images:

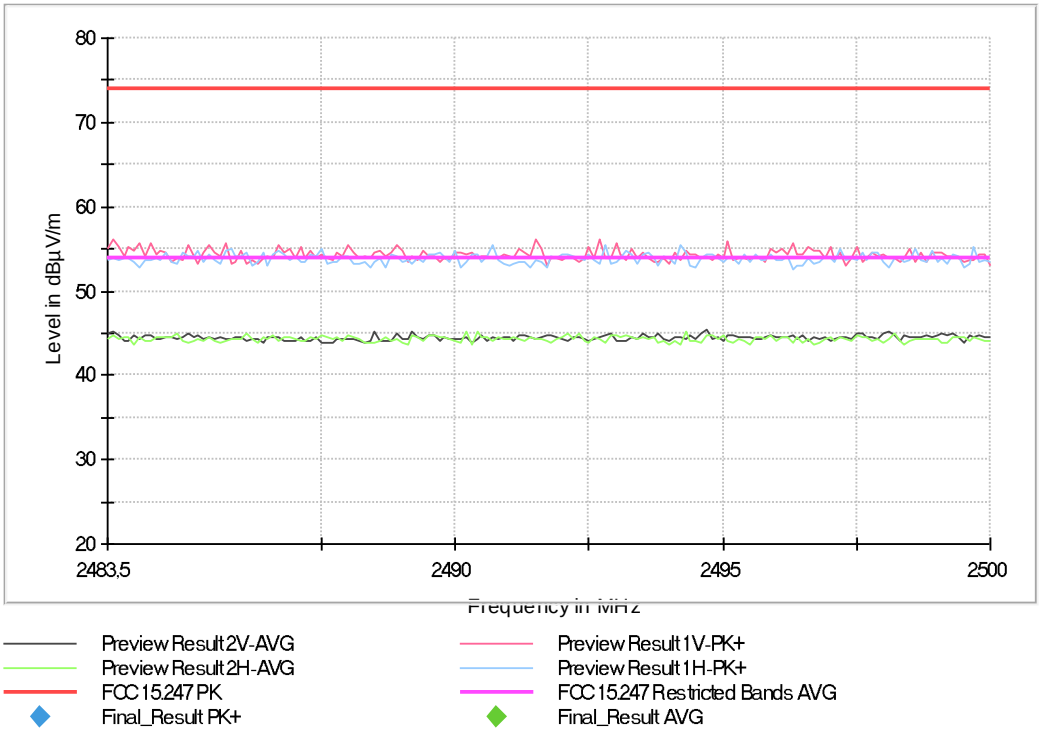


Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
2389.500000	---	50.21	54.00	3.79	1000.000	185.0	V	114.0
2389.500000	67.57	---	74.00	6.43	1000.000	185.0	V	114.0
7263.000000	---	43.36	54.00	10.64	1000.000	297.0	V	305.0
7263.000000	54.28	---	74.00	19.72	1000.000	297.0	V	305.0

Full Spectrum



Full Spectrum



Tables:

Spectrum Analyzer Parameters

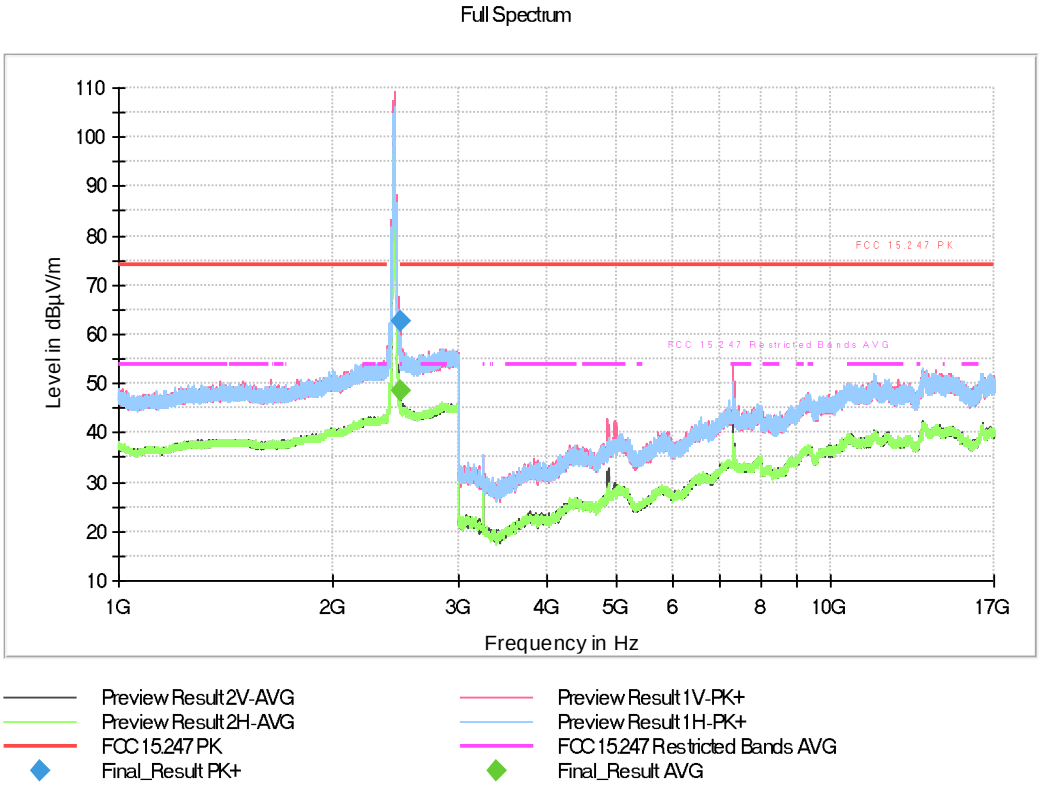
	Subrange	Step Size	Detectors	Bandwidth	Sweep Time	Preamp
	Receiver: [ESW 44]					
	1 GHz - 3 GHz	30,769 kHz	PK+ ; AVG	1 MHz	1 s	0 dB

Frequency Range GHz = [1, 17] Equipment Type = Digital Transmission System (DTS)

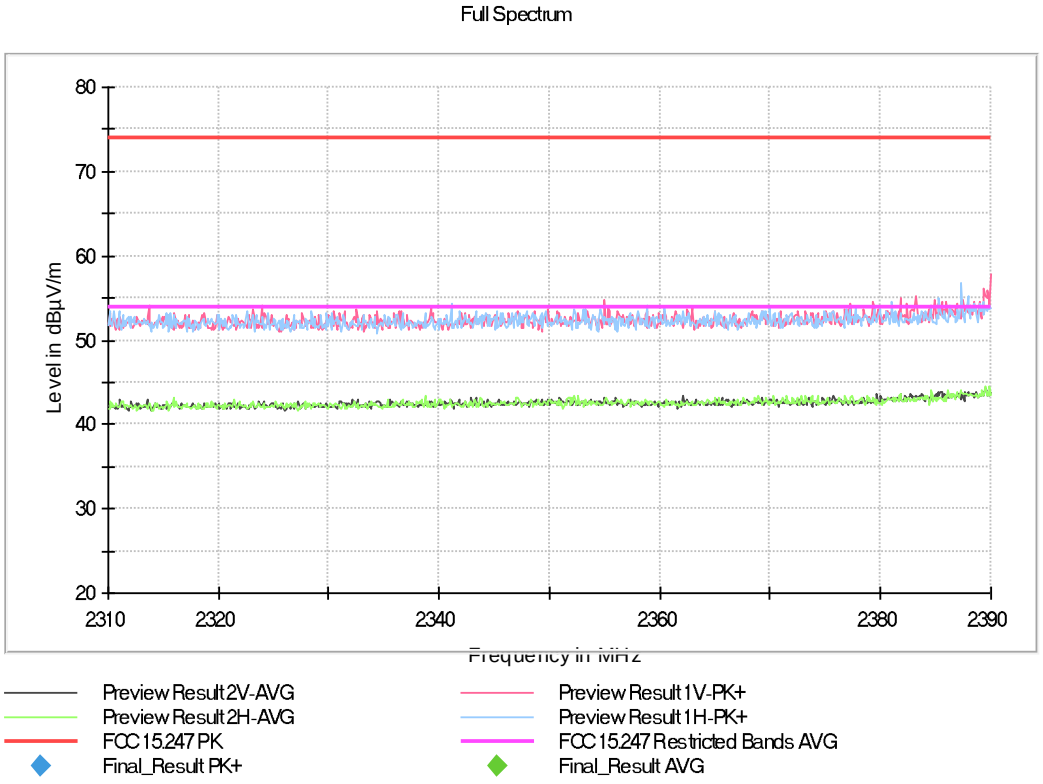
Modulation = 802.11g (OFDM 6 Mbit/s) Frequency MHz = 2437.00000

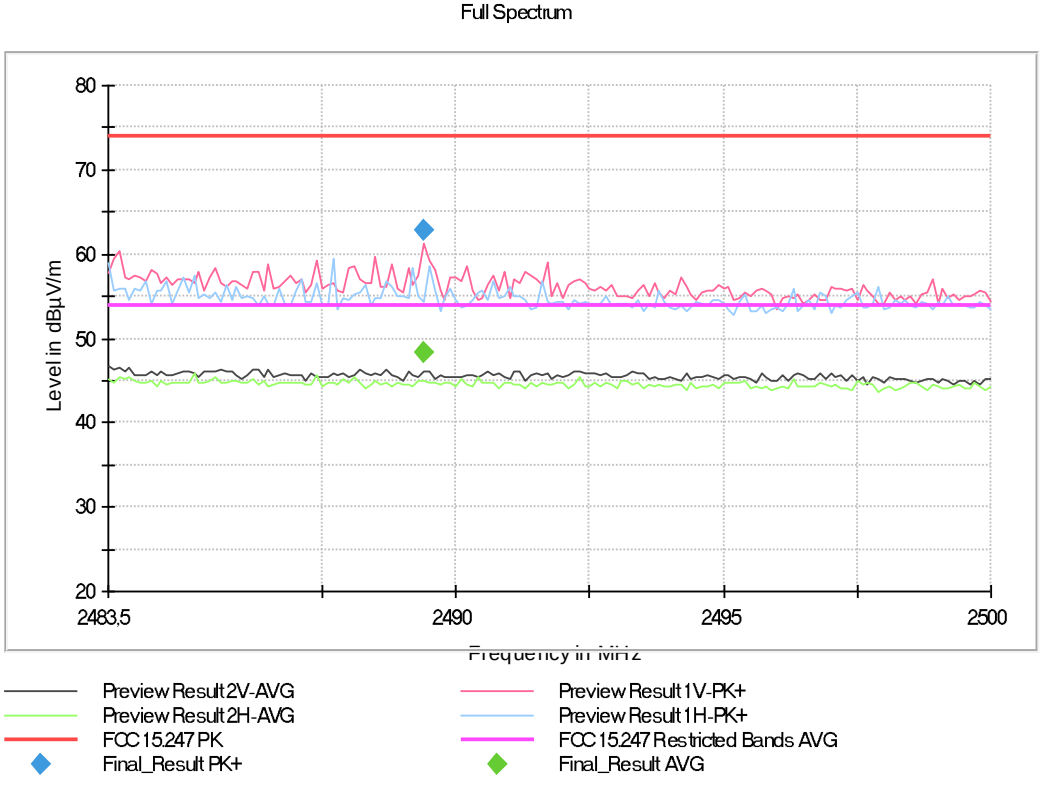
MIMO Mode = SISO Active Port = 1

Images:



Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)
2489.400000	62.84	---	74.00	11.16	172.0	V	57.0
2489.400000	---	48.41	54.00	5.59	172.0	V	57.0



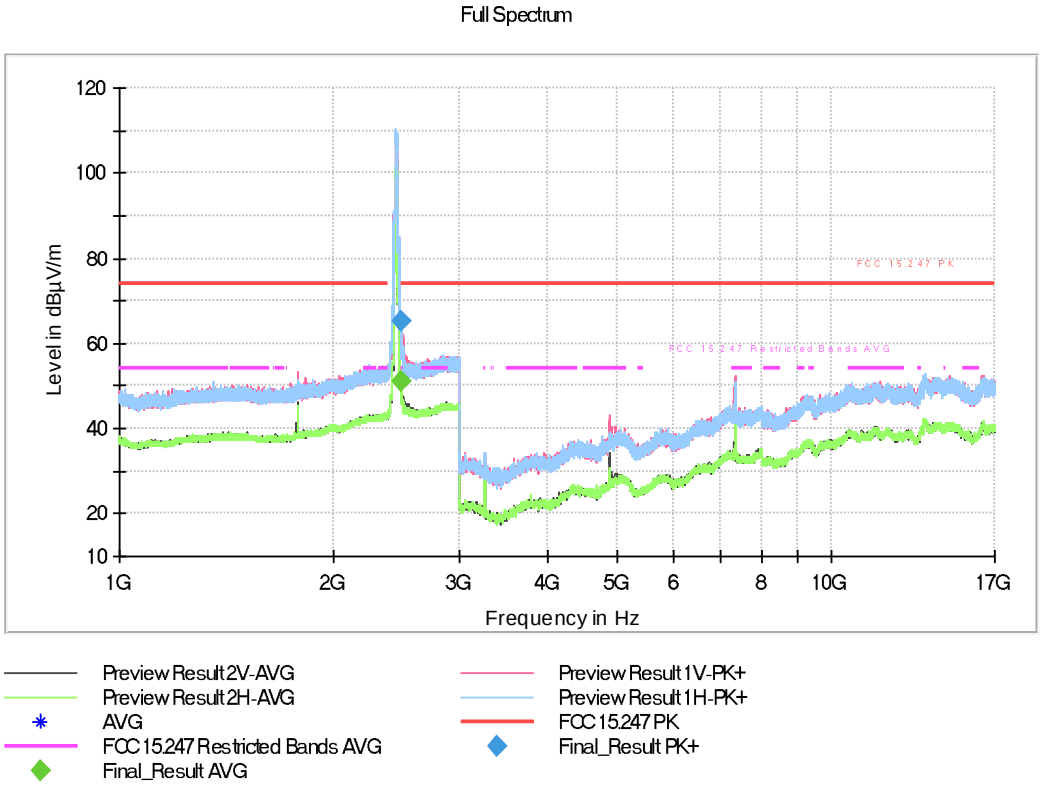


Tables:
Spectrum Analyzer Parameters

	Subrange	Step Size	Detectors	Bandwidth	Sweep Time	Preamp
	Receiver: [ESW 44]					
	1 GHz - 3 GHz	30,769 kHz	PK+ ; AVG	1 MHz	1 s	0 dB

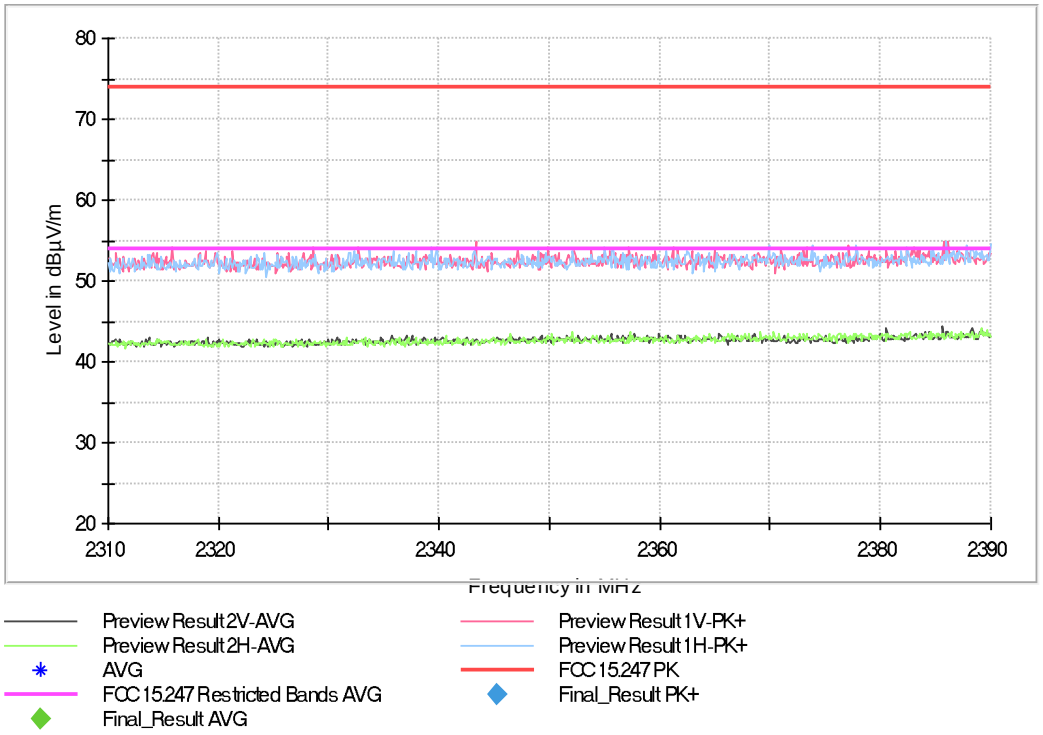
Frequency Range GHz = [1, 17]
Equipment Type = Digital Transmission System (DTS)
Modulation = 802.11g (OFDM 6 Mbit/s)
Frequency MHz = 2447.00000
MIMO Mode = SISO
Active Port = 1

Images:

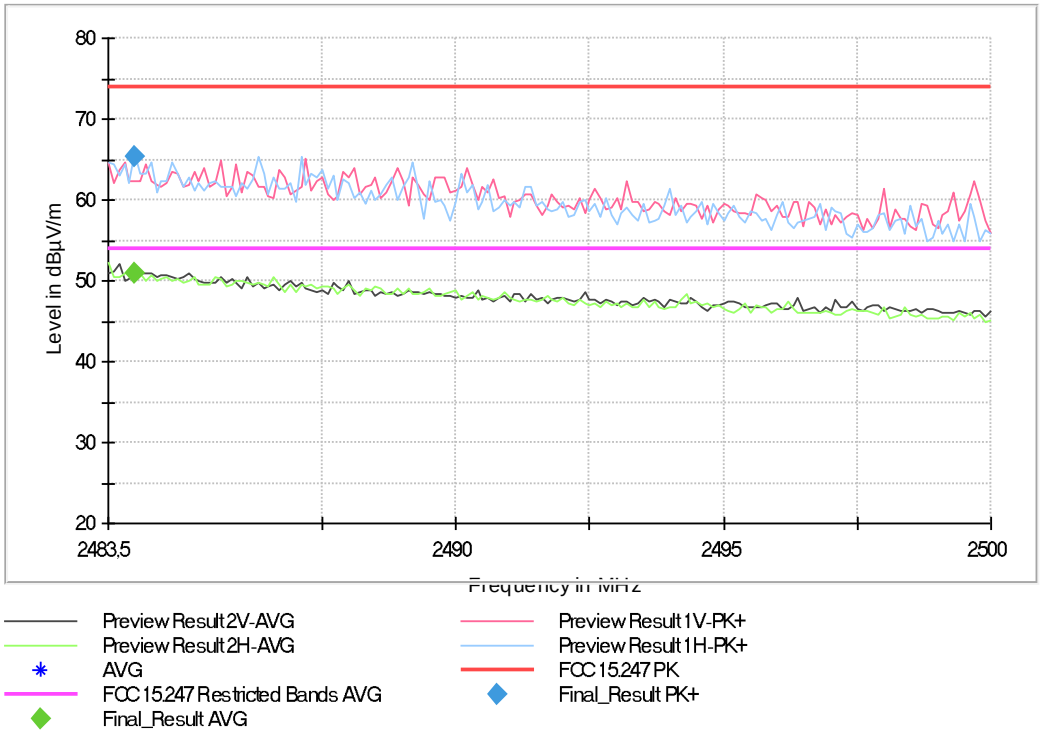


Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)
2484.000000	---	50.91	54.00	3.09	241.0	H	0.0
2484.000000	65.42	---	74.00	8.58	241.0	H	0.0

Full Spectrum



Full Spectrum

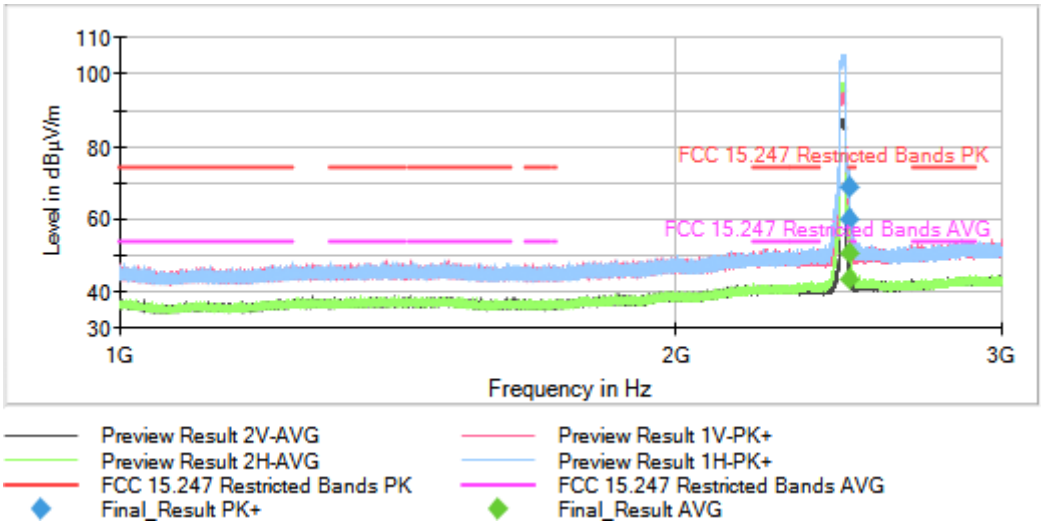


Frequency Range GHz = [1, 3] Equipment Type = Digital Transmission System (DTS)

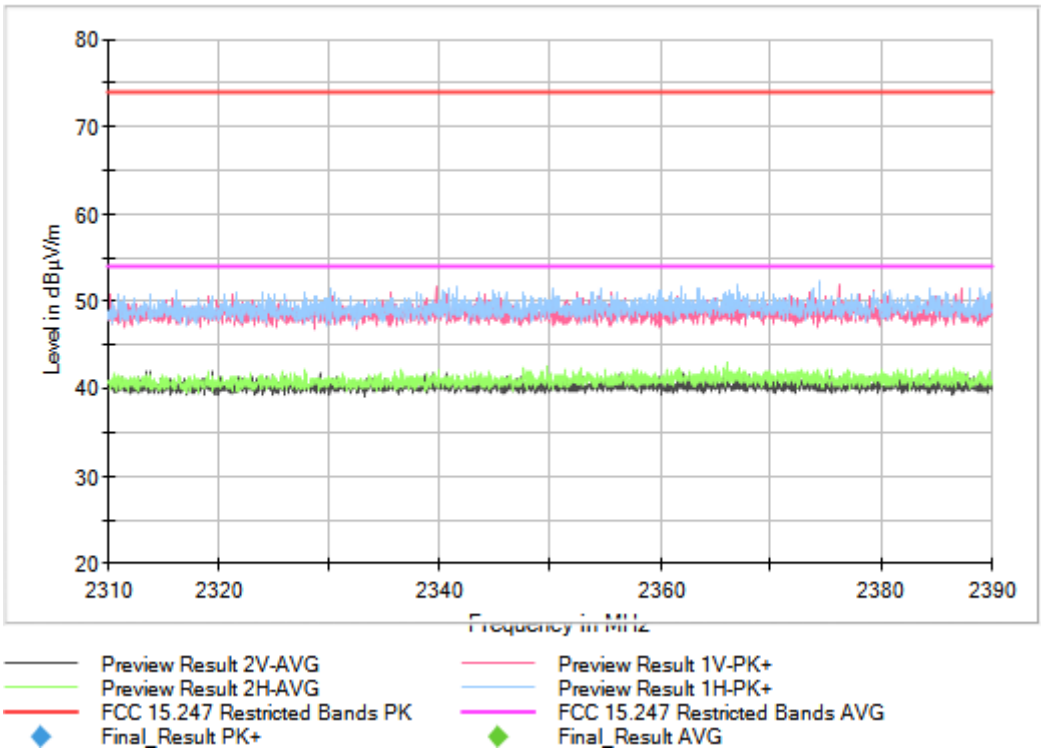
Modulation = 802.11g (OFDM 6 Mbit/s) Frequency MHz = 2462.00000

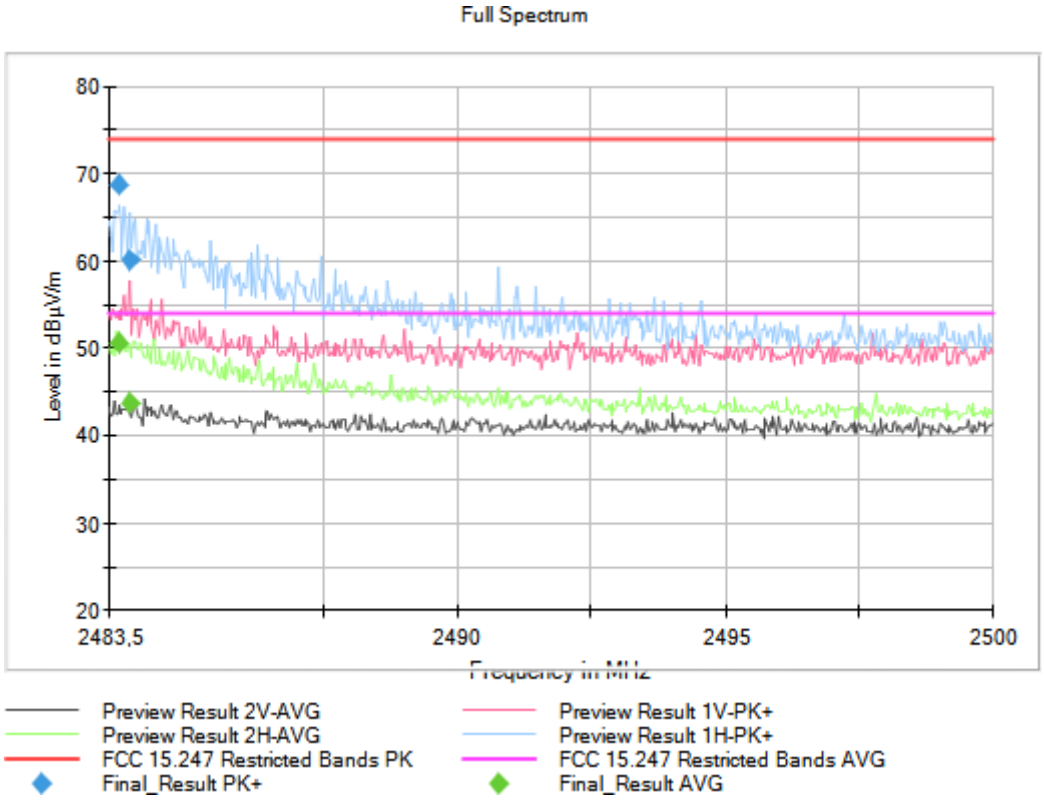
MIMO Mode = SISO Active Port = 1

Images:



Full Spectrum





Tables:

Spectrum Analyzer Parameters

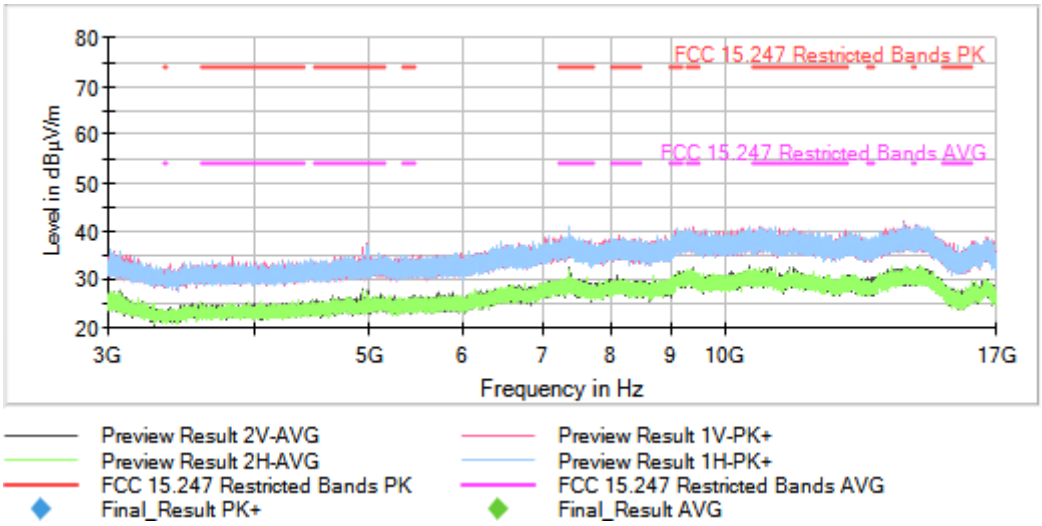
	Subrange	Step Size	Detectors	Bandwidth	Sweep Time	Preamp
	Receiver: [ESW 44]					
	1 GHz - 3 GHz	30,769 kHz	PK+ ; AVG	1 MHz	1 s	0 dB

Frequency Range GHz = [3, 17] Equipment Type = Digital Transmission System (DTS)

Modulation = 802.11g (OFDM 6 Mbit/s) Frequency MHz = 2462.00000

MIMO Mode = SISO Active Port = 1

Images:



Tables:

Spectrum Analyzer Parameters

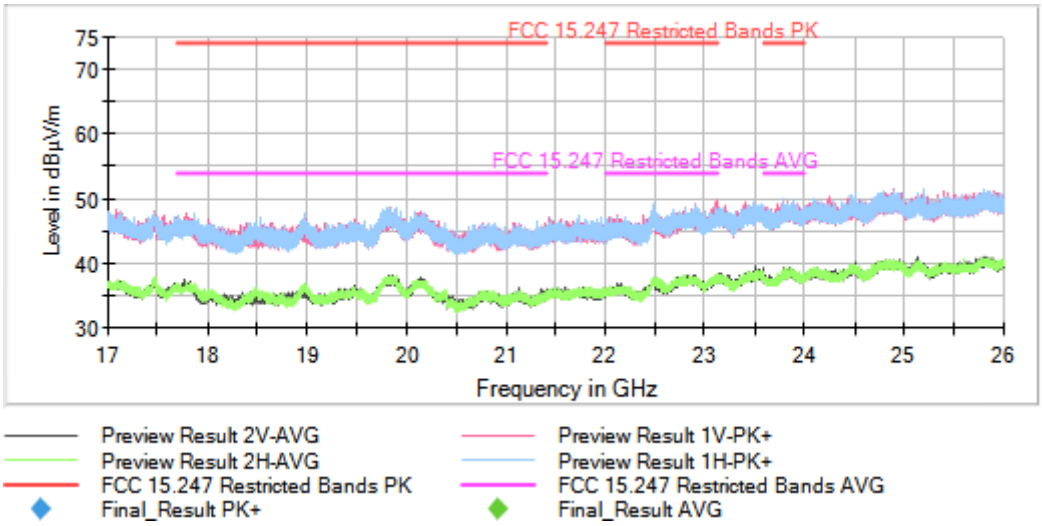
	Subrange	Step Size	Detectors	Bandwidth	Sweep Time	Preamp
	Receiver: [ESW 44]					
	3 GHz - 17 GHz	140 kHz	PK+ ; AVG	1 MHz	1 s	30 dB

Frequency Range GHz = [17, 26] Equipment Type = Digital Transmission System (DTS)

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

MIMO Mode = SISO Active Port = 1

Images:



Tables:

Spectrum Analyzer Parameters

	Subrange	Step Size	Detectors	Bandwidth	Sweep Time	Preamp
	Receiver: [FSV 40]					
	17 GHz - 26 GHz	300 kHz	PK+ ; AVG	1 MHz	1 s	0 dB

Results

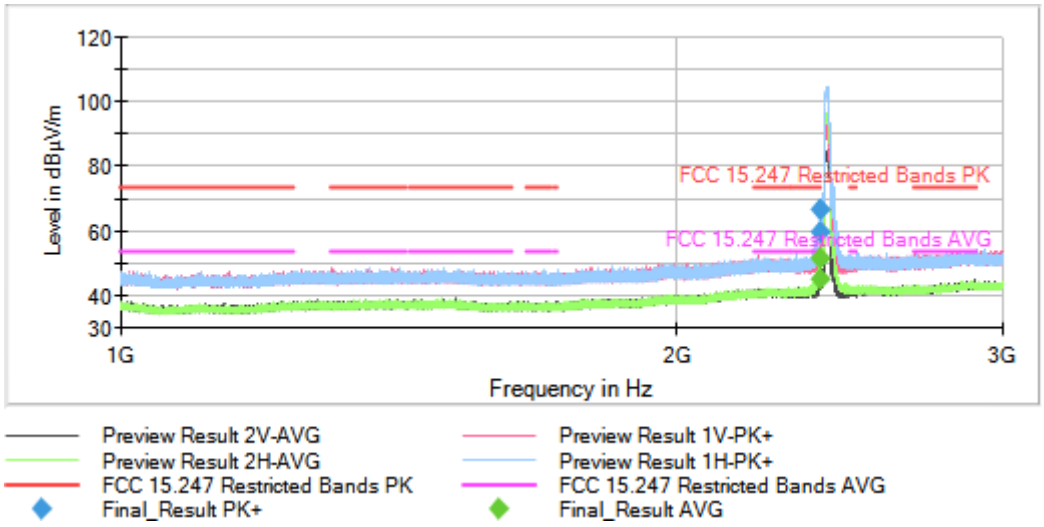
Modulation: 802.11n HT20 (OFDM MCS0)

MIMO Mode: SISO

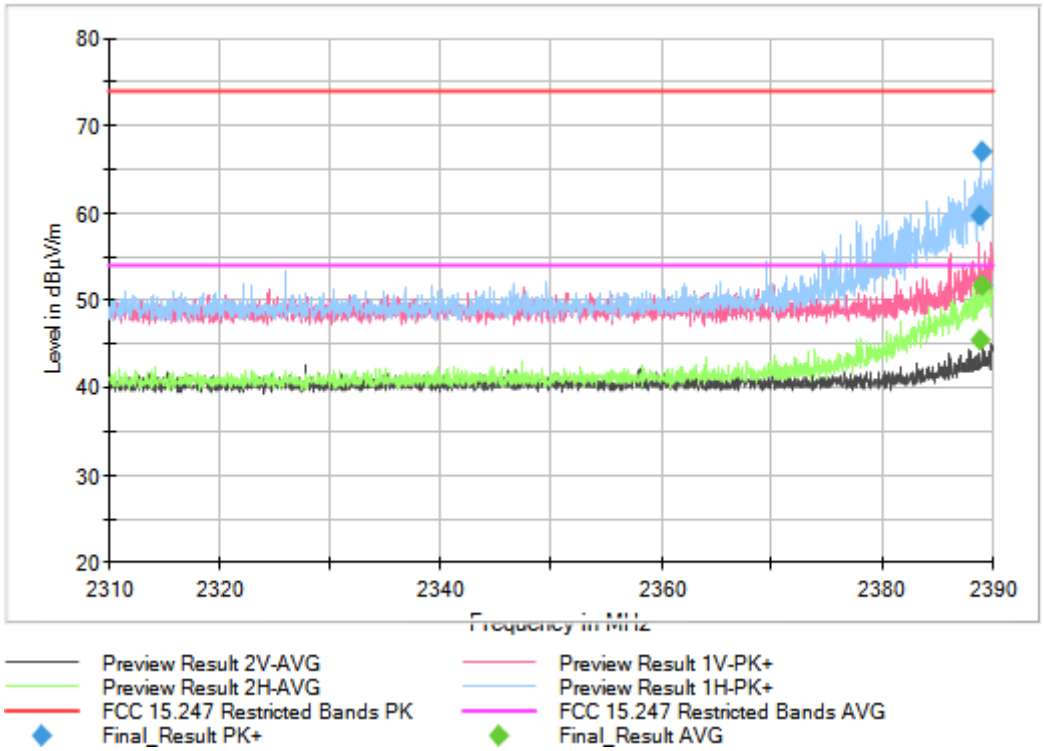
Attachments

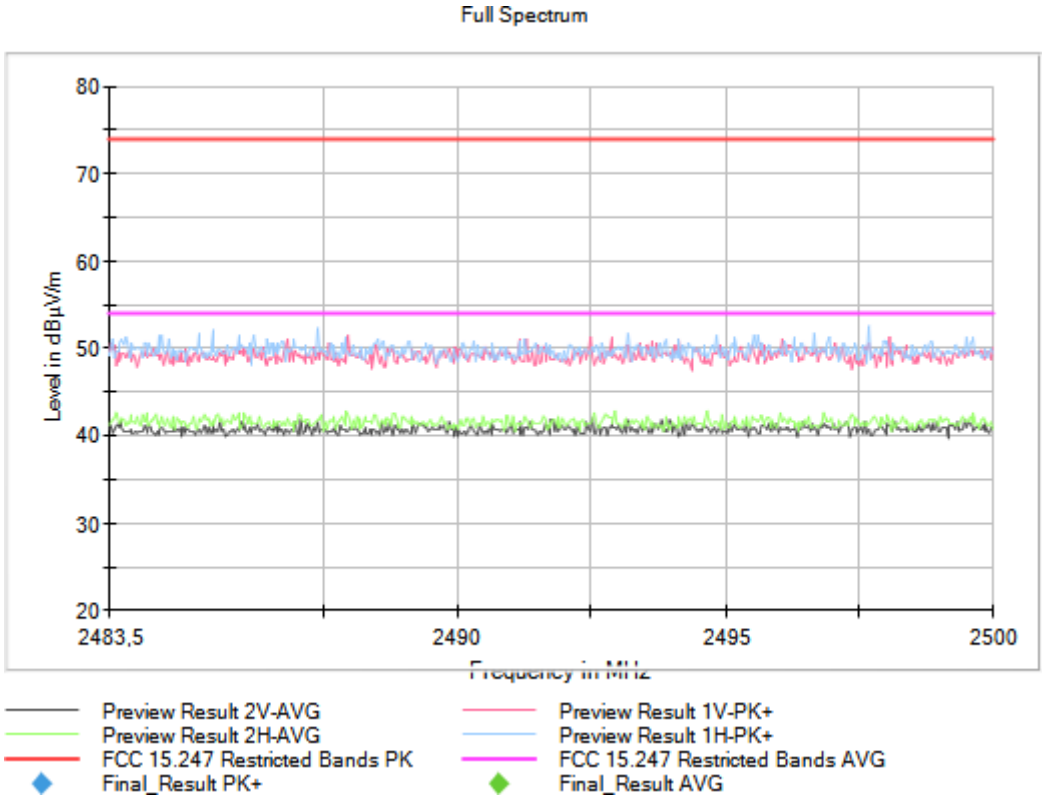
Frequency Range GHz = [1, 3]	Equipment Type = Digital Transmission System (DTS)
Modulation = 802.11n HT20 (OFDM MCS0)	Frequency MHz = 2412.00000
MIMO Mode = SISO	Active Port = 1

Images:



Full Spectrum





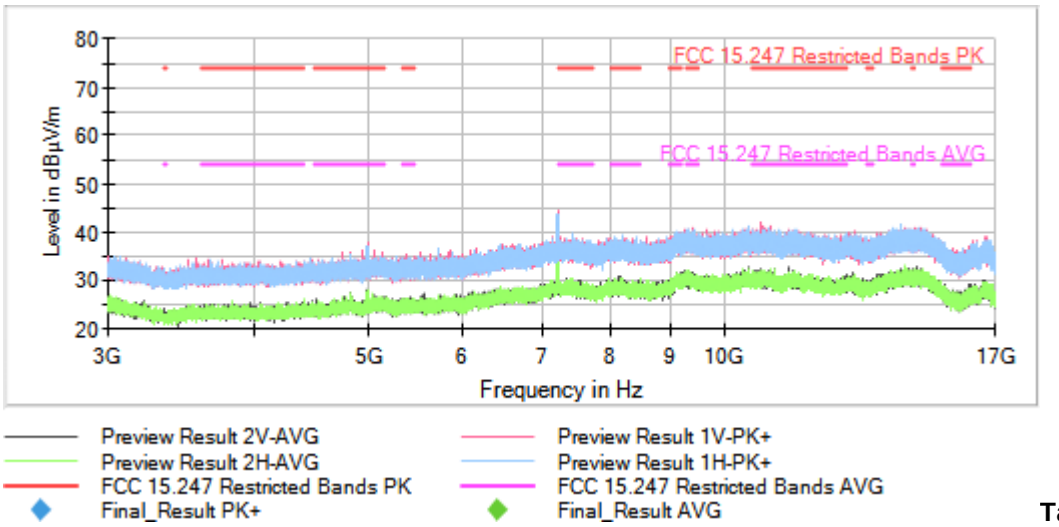
Tables:

Spectrum Analyzer Parameters

	Subrange	Step Size	Detectors	Bandwidth	Sweep Time	Preamp
	Receiver: [ESW 44]					
	1 GHz - 3 GHz	30,769 kHz	PK+ ; AVG	1 MHz	1 s	0 dB

Frequency Range GHz = [3, 17]
Equipment Type = Digital Transmission System (DTS)
Modulation = 802.11n HT20 (OFDM MCS0)
Frequency MHz = 2412.00000
MIMO Mode = SISO
Active Port = 1

Images:



Tables:

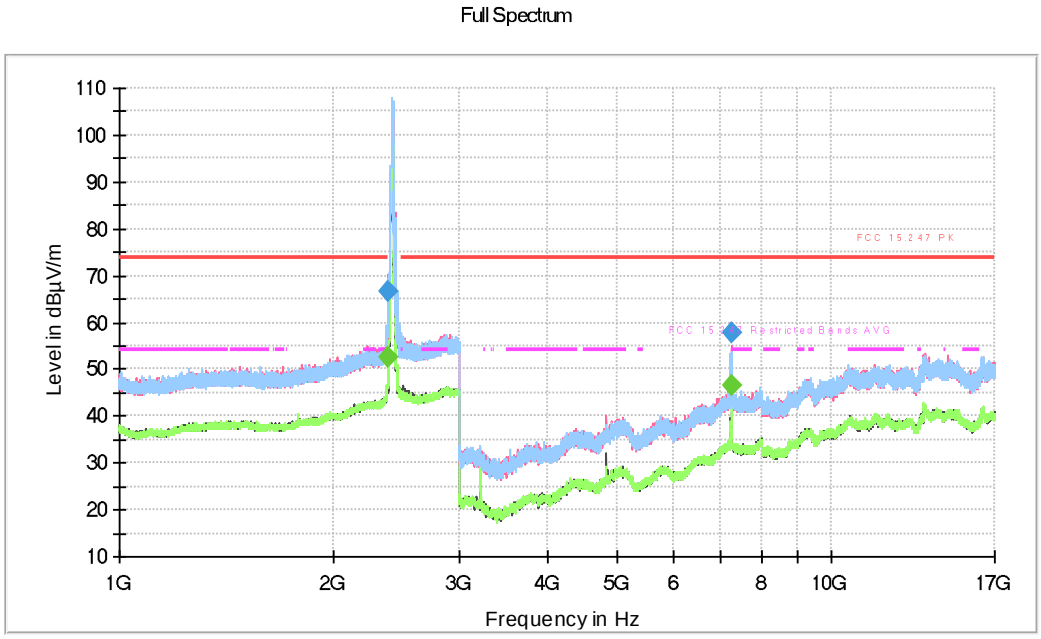
Spectrum Analyzer Parameters

	Subrange	Step Size	Detectors	Bandwidth	Sweep Time	Preamp
	Receiver: [ESW 44]					
	3 GHz - 17 GHz	140 kHz	PK+ ; AVG	1 MHz	1 s	30 dB

Attachments

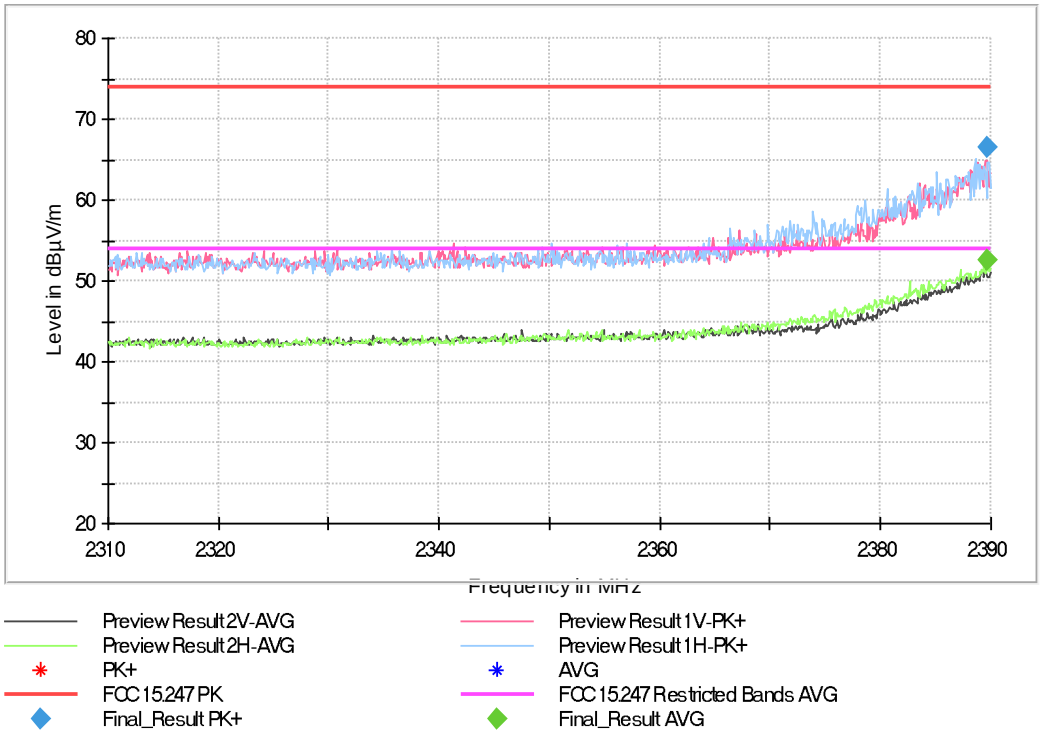
Frequency Range GHz = [1, 17]
Equipment Type = Digital Transmission System (DTS)
Modulation = 802.11n HT20 (OFDM MCS0)
Frequency MHz = 2417.00000
MIMO Mode = SISO
Active Port = 1

Images:

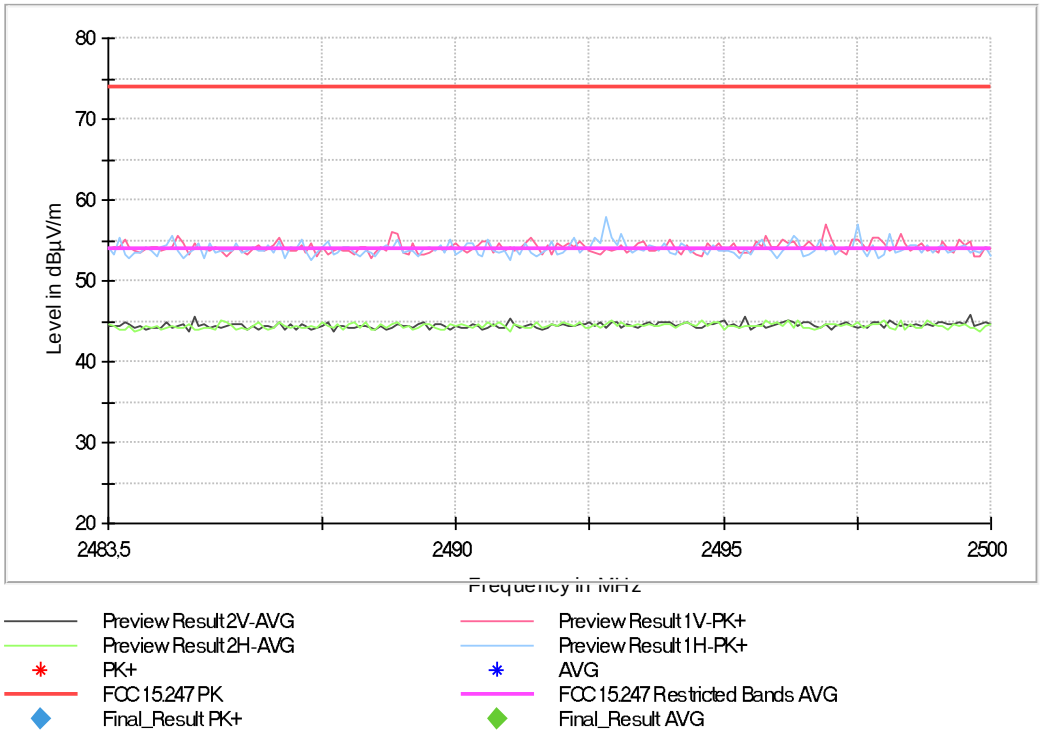


Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)
2389.700000	66.49	---	74.00	7.59	180.0	H	0.0
2389.700000	---	52.49	54.00	1.51	180.0	H	0.0
7254.133333	57.87	---	74.00	16.13	297.0	V	283.0
7254.133333	---	46.47	54.00	7.53	297.0	V	283.0

Full Spectrum



Full Spectrum

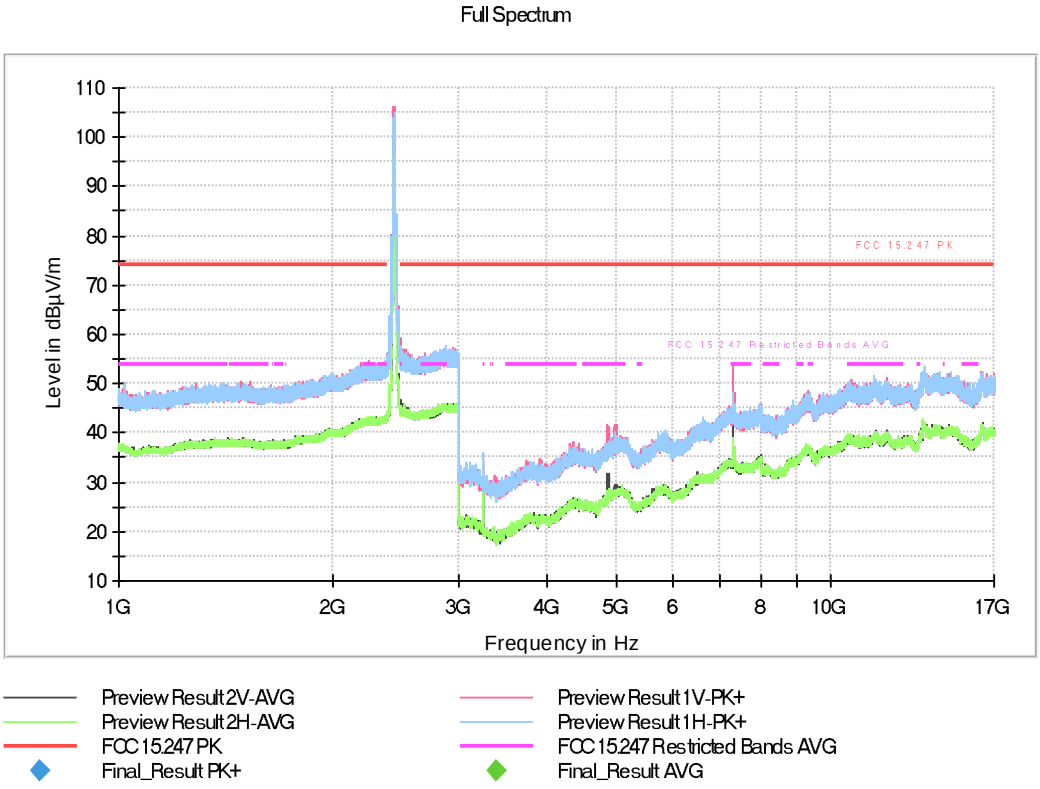


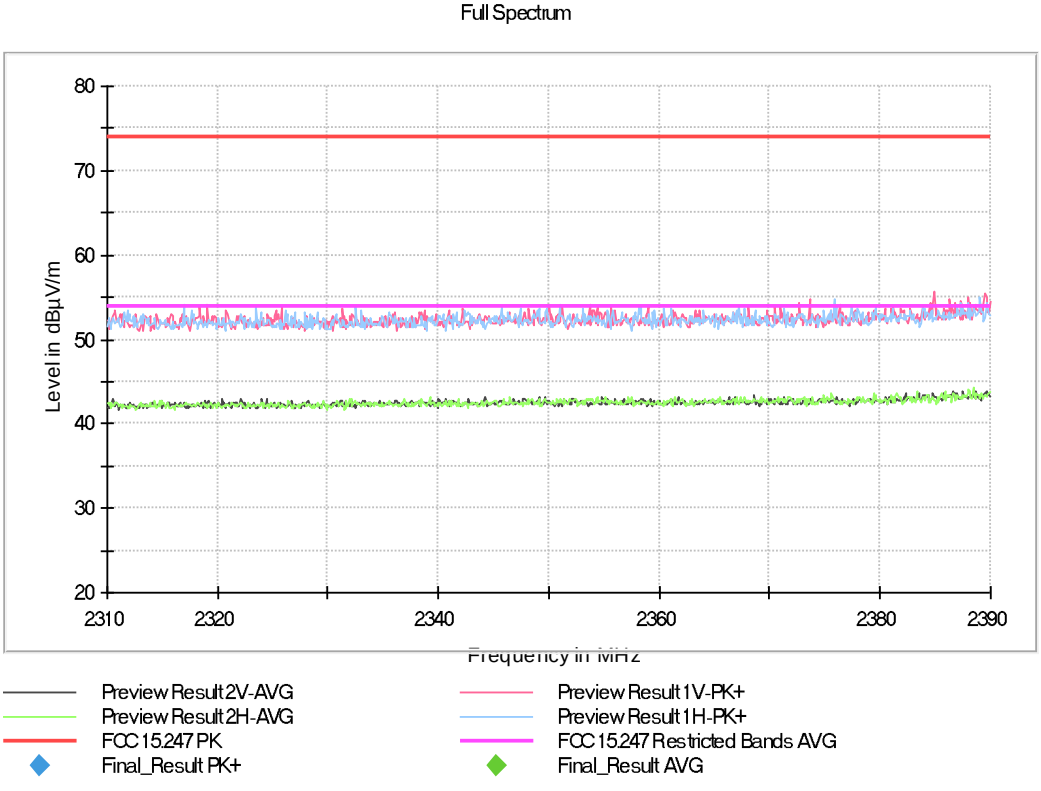
Frequency Range GHz = [1, 17] Equipment Type = Digital Transmission System (DTS)

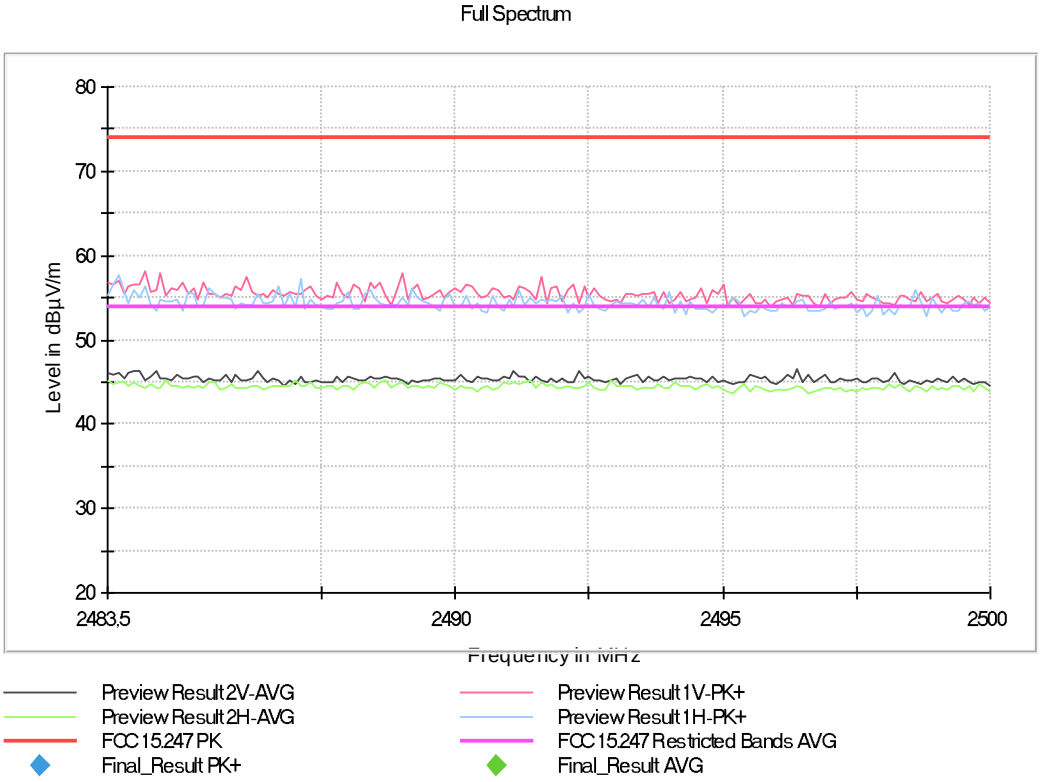
Modulation = 802.11n HT20 (OFDM MCS0) Frequency MHz = 2437.00000

MIMO Mode = SISO Active Port = 1

Images:







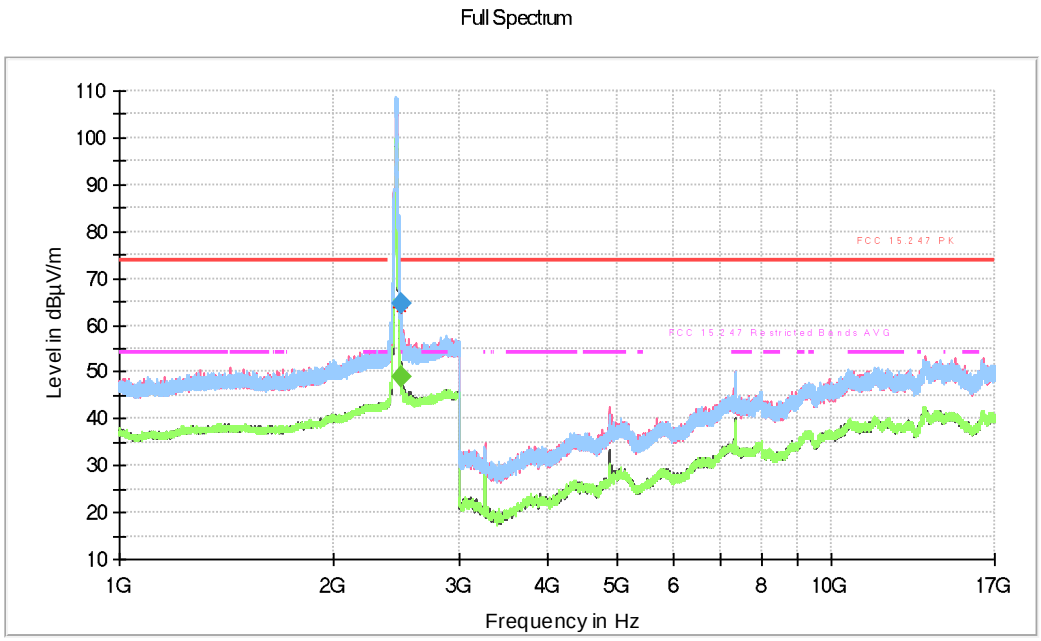
Tables:

Spectrum Analyzer Parameters

	Subrange	Step Size	Detectors	Bandwidth	Sweep Time	Preamp
	Receiver: [ESW 44]					
	1 GHz - 3 GHz	30,769 kHz	PK+ ; AVG	1 MHz	1 s	0 dB

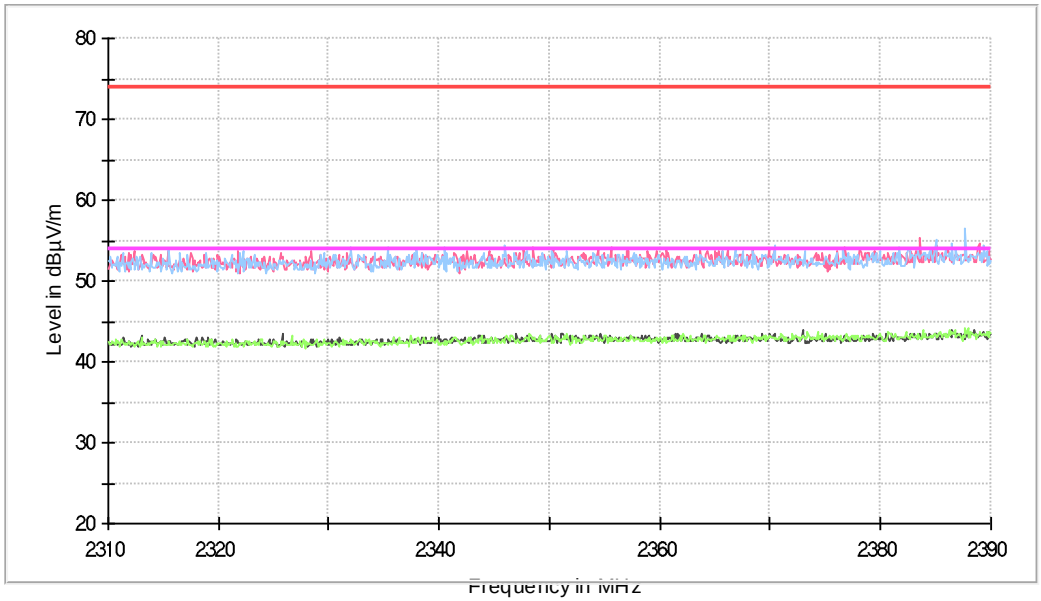
Frequency Range GHz = [1, 17]
Equipment Type = Digital Transmission System (DTS)
Modulation = 802.11n HT20 (OFDM MCS0)
Frequency MHz = 2447.00000
MIMO Mode = SISO
Active Port = 1

Images:



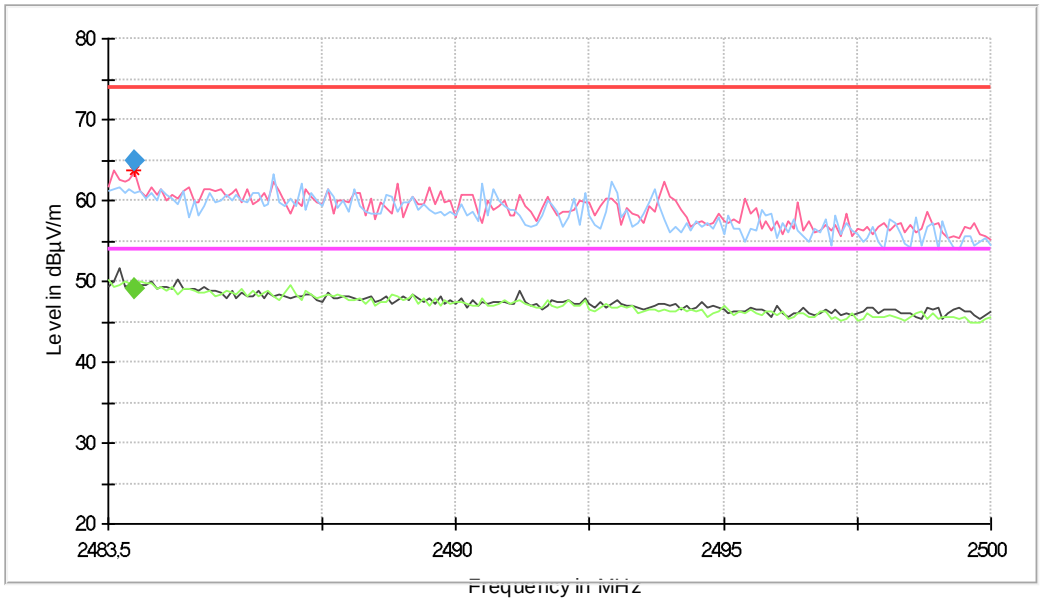
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)
2484.000000	---	49.14	54.00	4.86	179.0	V	318.0
2484.000000	64.78	---	74.00	9.22	179.0	V	318.0

Full Spectrum



Preview Result 2V-AVG
Preview Result 2H-AVG
PK+
FCC 15.247 PK
Final_Result PK+
Preview Result 1V-PK+
Preview Result 1H-PK+
AVG
FCC 15.247 Restricted Bands AVG
Final_Result AVG

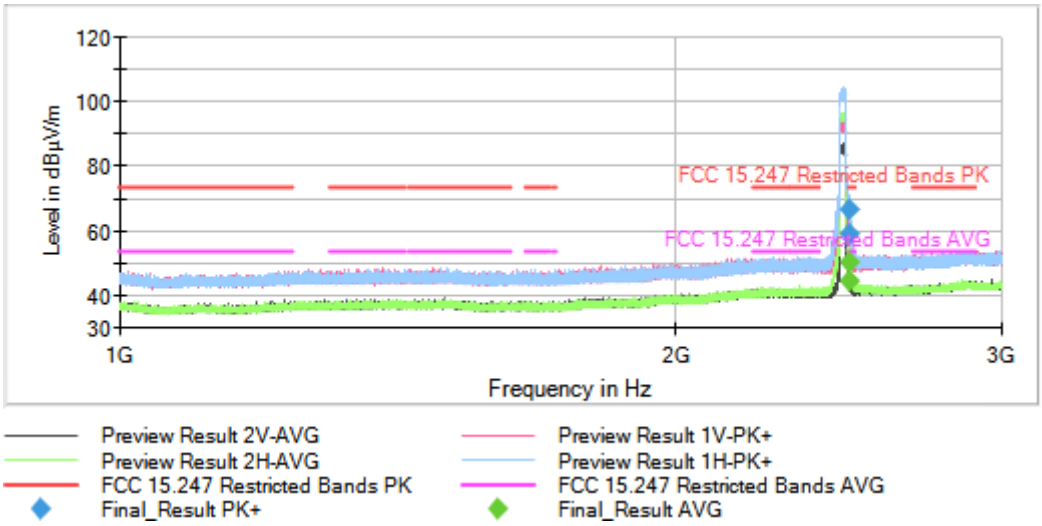
Full Spectrum



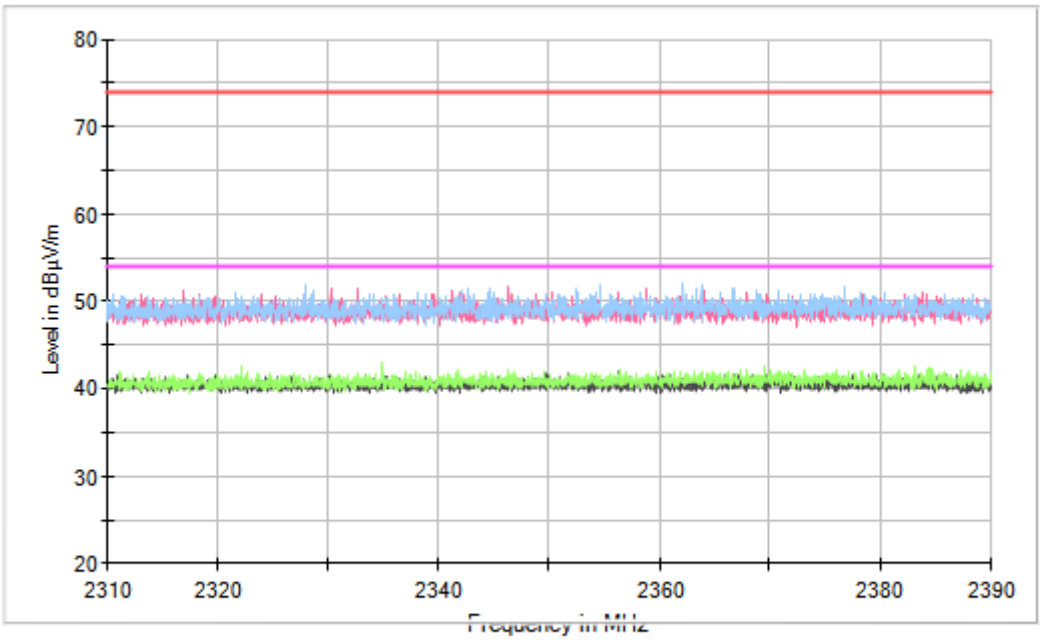
Preview Result 2V-AVG
Preview Result 2H-AVG
PK+
FCC 15.247 PK
Final_Result PK+
Preview Result 1V-PK+
Preview Result 1H-PK+
AVG
FCC 15.247 Restricted Bands AVG
Final_Result AVG

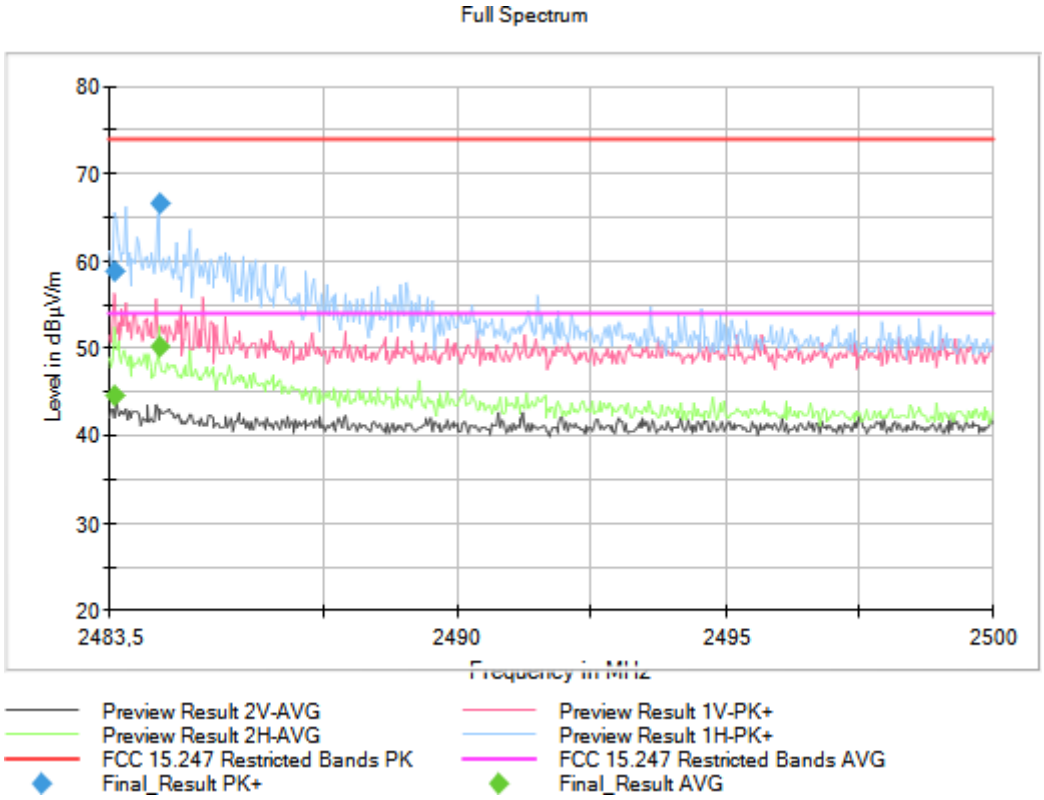
Frequency Range GHz = [1, 3]
Equipment Type = Digital Transmission System (DTS)
Modulation = 802.11n HT20 (OFDM MCS0)
Frequency MHz = 2462.00000
MIMO Mode = SISO
Active Port = 1

Images:



Full Spectrum





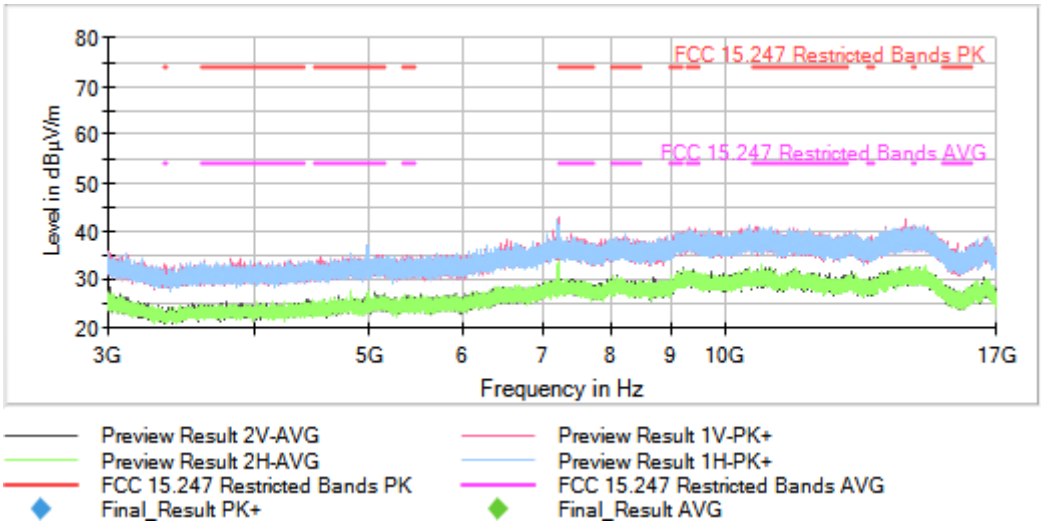
Tables:

Spectrum Analyzer Parameters

	Subrange	Step Size	Detectors	Bandwidth	Sweep Time	Preamp
	Receiver: [ESW 44]					
	1 GHz - 3 GHz	30,769 kHz	PK+ ; AVG	1 MHz	1 s	0 dB

Frequency Range GHz = [3, 17]
Equipment Type = Digital Transmission System (DTS)
Modulation = 802.11n HT20 (OFDM MCS0)
Frequency MHz = 2412.00000
MIMO Mode = SISO
Active Port = 1

Images:

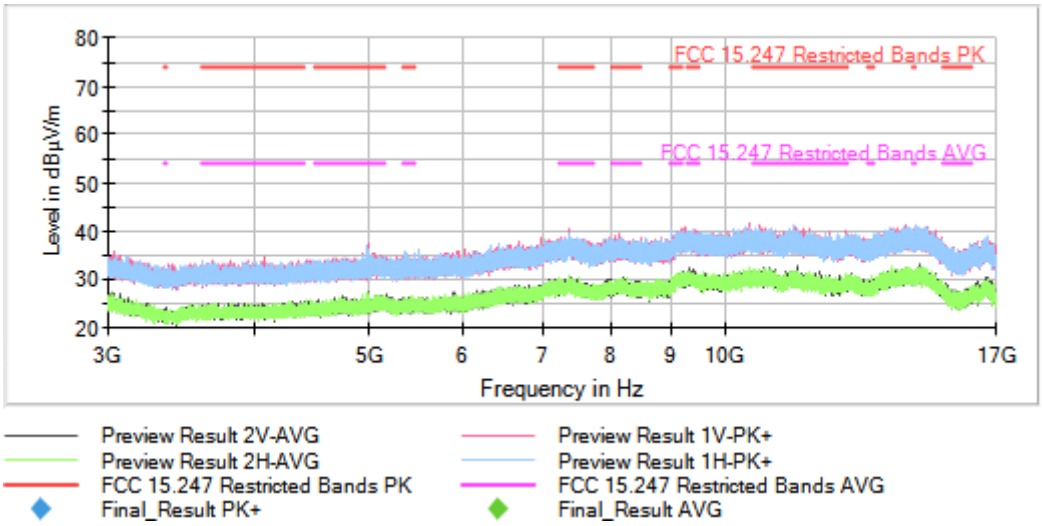


Tables:
Spectrum Analyzer Parameters

	Subrange	Step Size	Detectors	Bandwidth	Sweep Time	Preamp
	Receiver: [ESW 44]					
	3 GHz - 17 GHz	140 kHz	PK+ ; AVG	1 MHz	1 s	30 dB

Frequency Range GHz = [3, 17]
Equipment Type = Digital Transmission System (DTS)
Modulation = 802.11n HT20 (OFDM MCS0)
Frequency MHz = 2462.00000
MIMO Mode = SISO
Active Port = 1

Images:



Tables:
Spectrum Analyzer Parameters

	Subrange	Step Size	Detectors	Bandwidth	Sweep Time	Preamp
	Receiver: [ESW 44]					
	1 GHz - 17 GHz	140 kHz	PK+ ; AVG	1 MHz	1 s	30 dB

Results

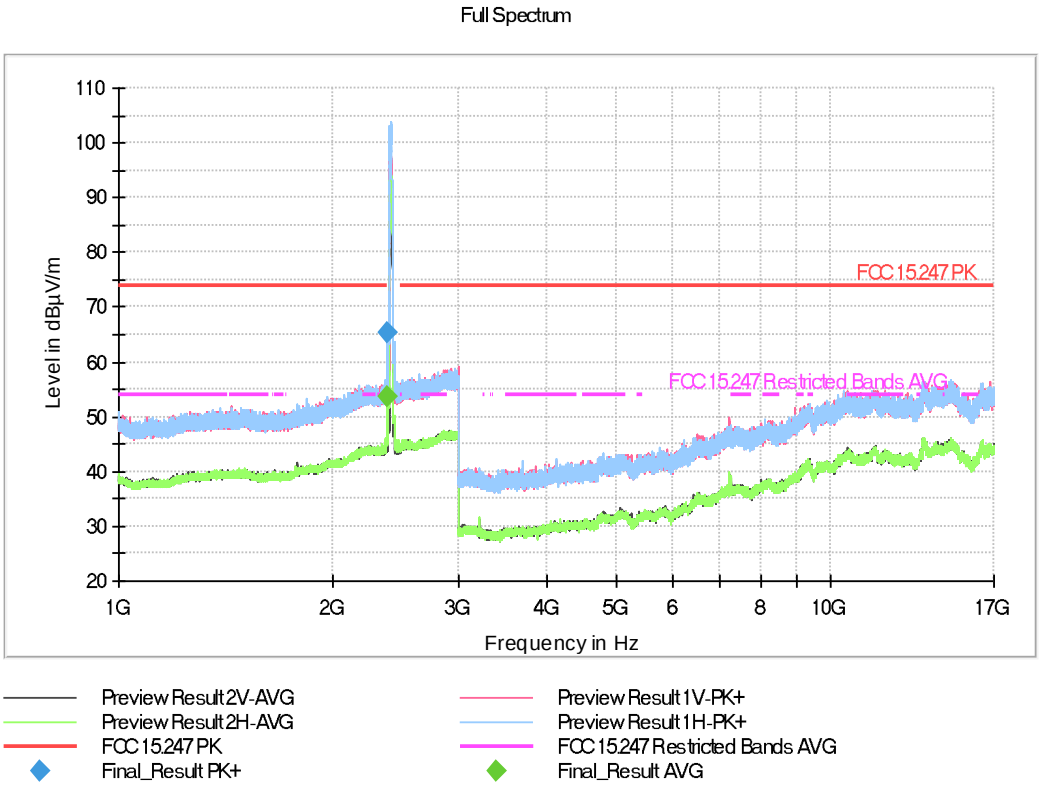
Modulation: 802.11ax HE20 (OFDMA MCS0) SU

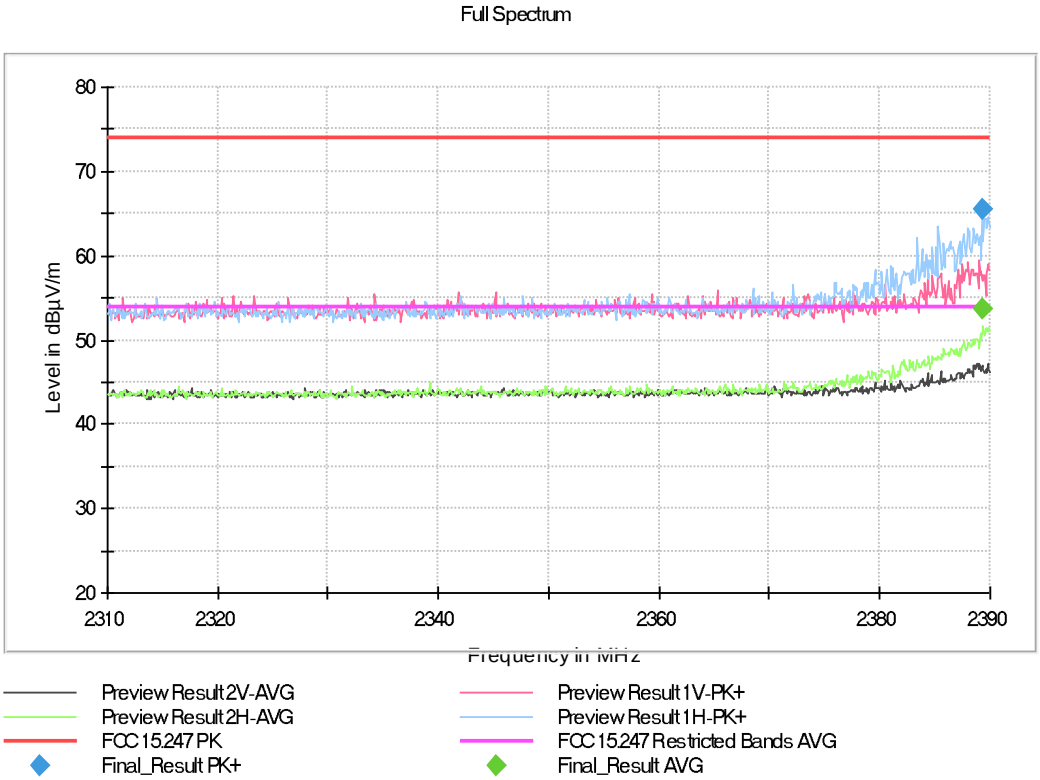
MIMO Mode: SISO

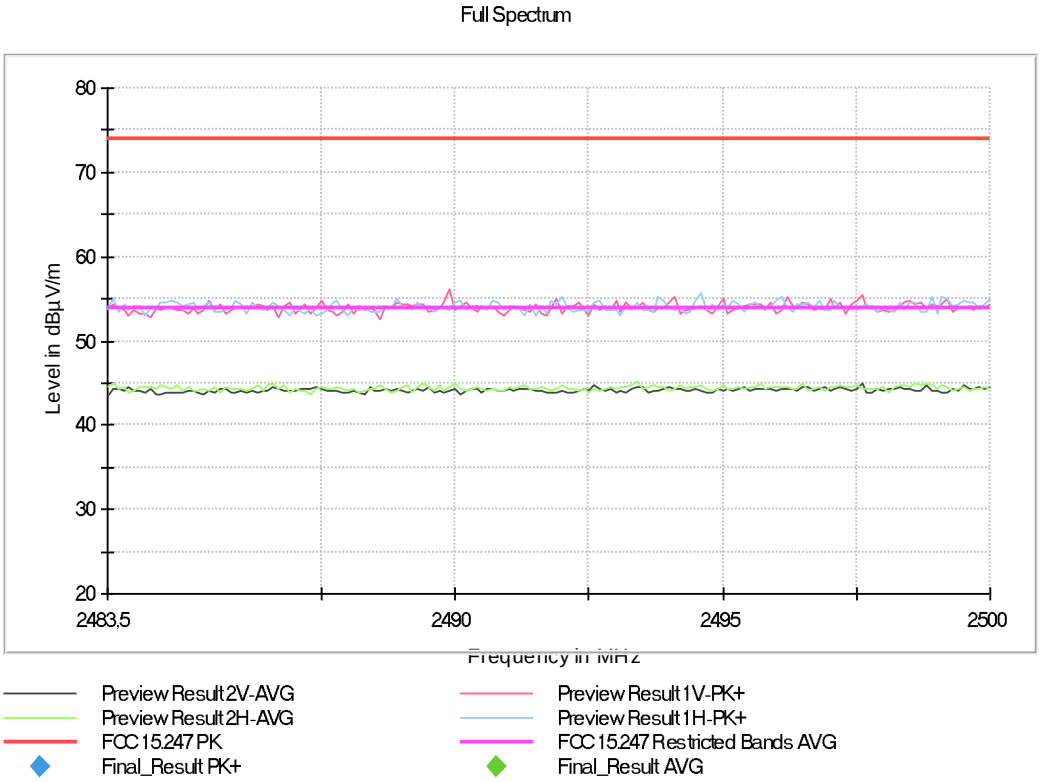
Attachments

Frequency Range GHz = [1, 17]	Equipment Type = Digital Transmission System (DTS)
Modulation = 802.11ax HE20 (OFDMA MCS0) SU	Frequency MHz = 2412.00000
MIMO Mode = SISO	Active Port = 1

Images:





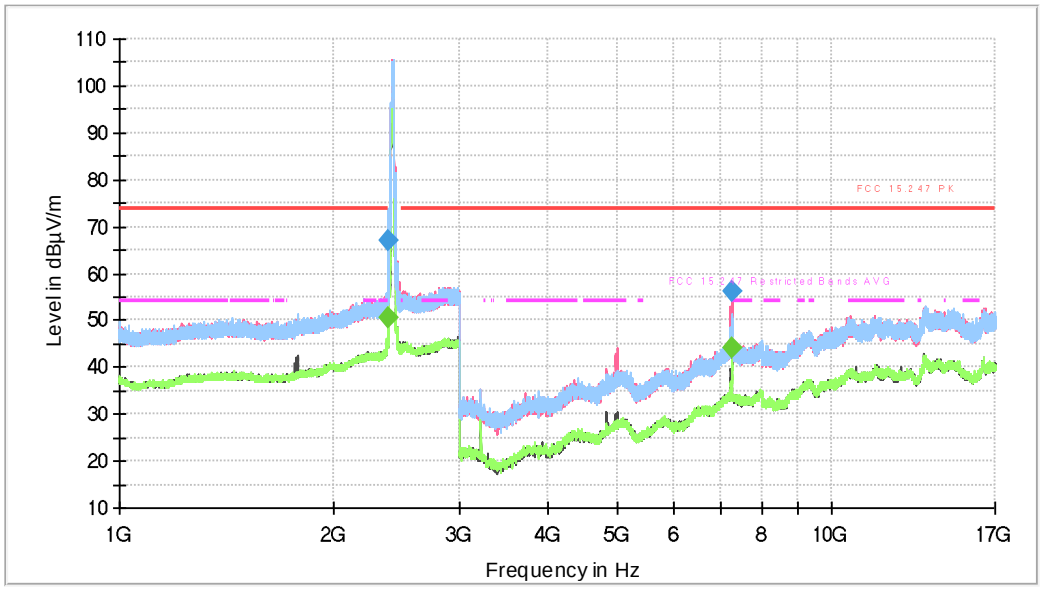


Tables:
Spectrum Analyzer Parameters

	Subrange	Step Size	Detectors	Bandwidth	Sweep Time	Preamp
	Receiver: [ESW 44]					
	1 GHz - 17 GHz	140,769 kHz	PK+ ; AVG	1 MHz	1 s	0 dB

Frequency Range GHz = [1, 17]
Modulation = 802.11ax HE20 (OFDMA MCS0) SU
MIMO Mode = SISO
Equipment Type = Digital Transmission System (DTS)
Frequency MHz = 2417.00000
Active Port = 1

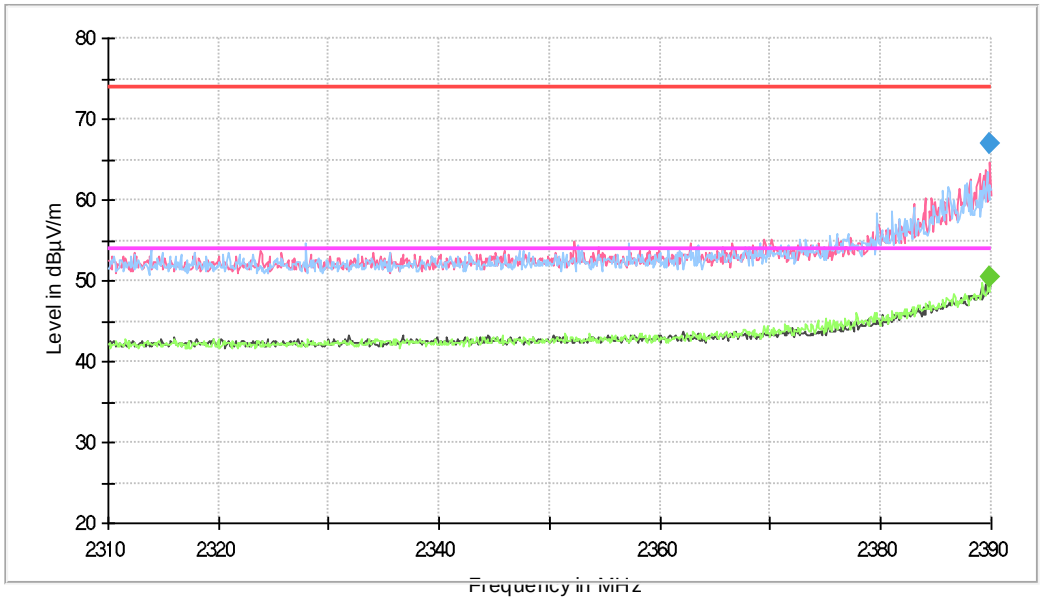
Full Spectrum



Preview Result 2V-AVG
Preview Result 2H-AVG
PK+
FCC 15.247 PK
Final_Result PK+
Preview Result 1V-PK+
Preview Result 1H-PK+
AVG
FCC 15.247 Restricted Bands AVG
Final_Result AVG

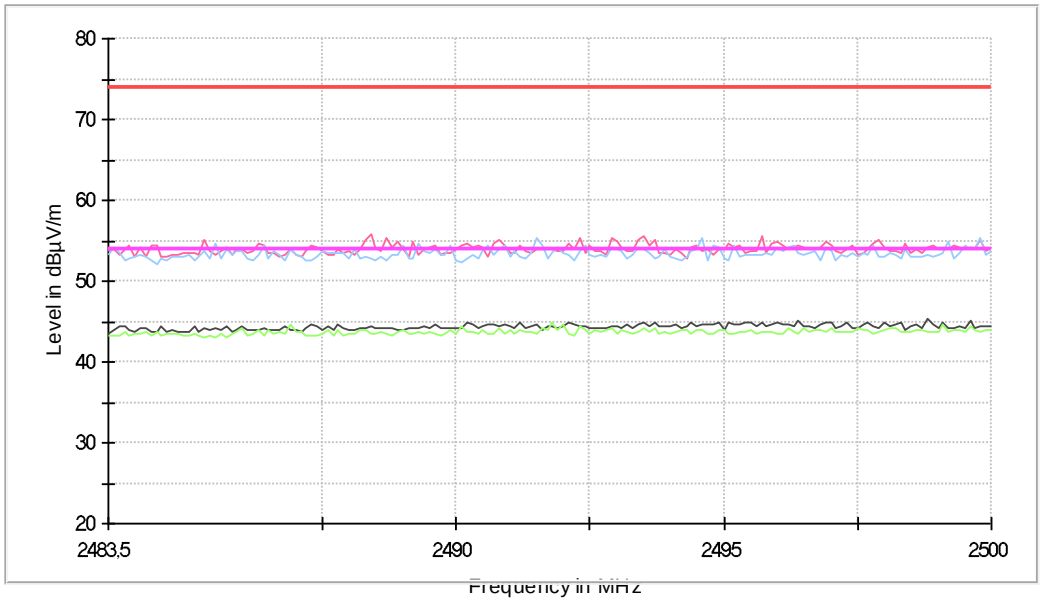
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)
2389.900000	---	50.45	54.00	3.55	160.0	V	0.0
2389.900000	67.01	---	74.00	6.99	160.0	V	0.0
7255.041000	---	44.19	54.00	9.81	280.0	V	289.0
7261.133333	56.09	---	74.00	17.91	280.0	V	289.0

Full Spectrum



Preview Result 2V-AVG
Preview Result 2H-AVG
PK+
FCC 15.247 PK
Final_Result PK+
Preview Result 1V-PK+
Preview Result 1H-PK+
AVG
FCC 15.247 Restricted Bands AVG
Final_Result AVG

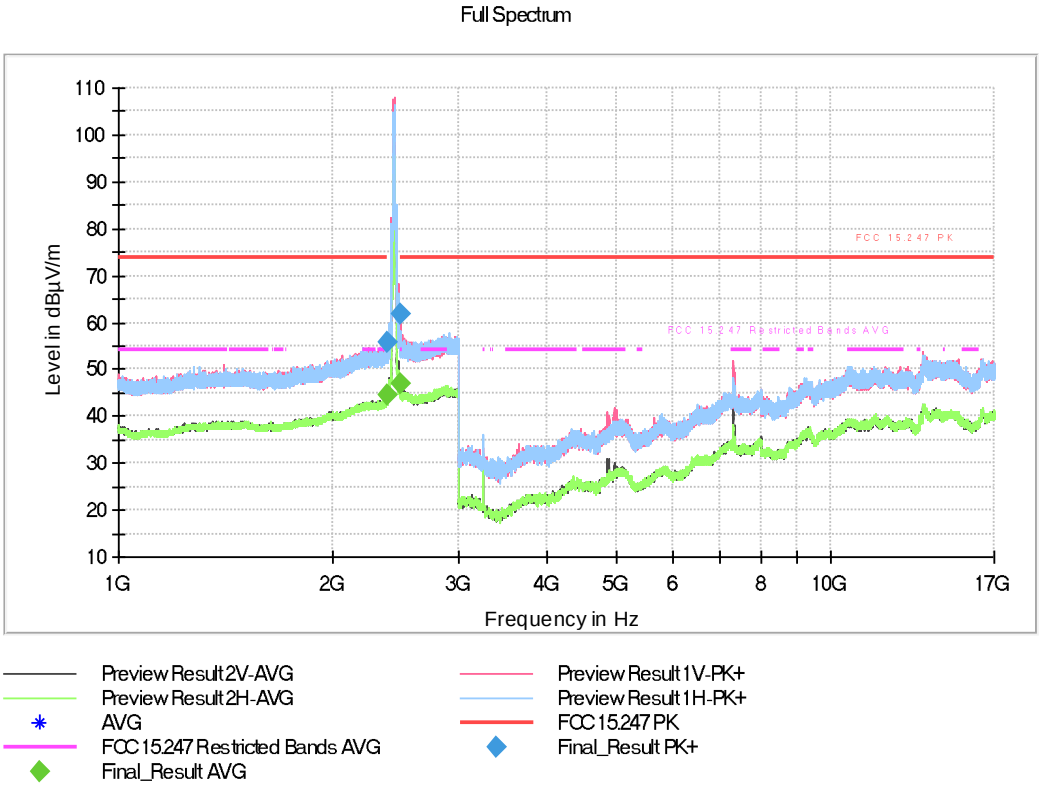
Full Spectrum



Preview Result 2V-AVG
Preview Result 2H-AVG
PK+
FCC 15.247 PK
Final_Result PK+
Preview Result 1V-PK+
Preview Result 1H-PK+
AVG
FCC 15.247 Restricted Bands AVG
Final_Result AVG

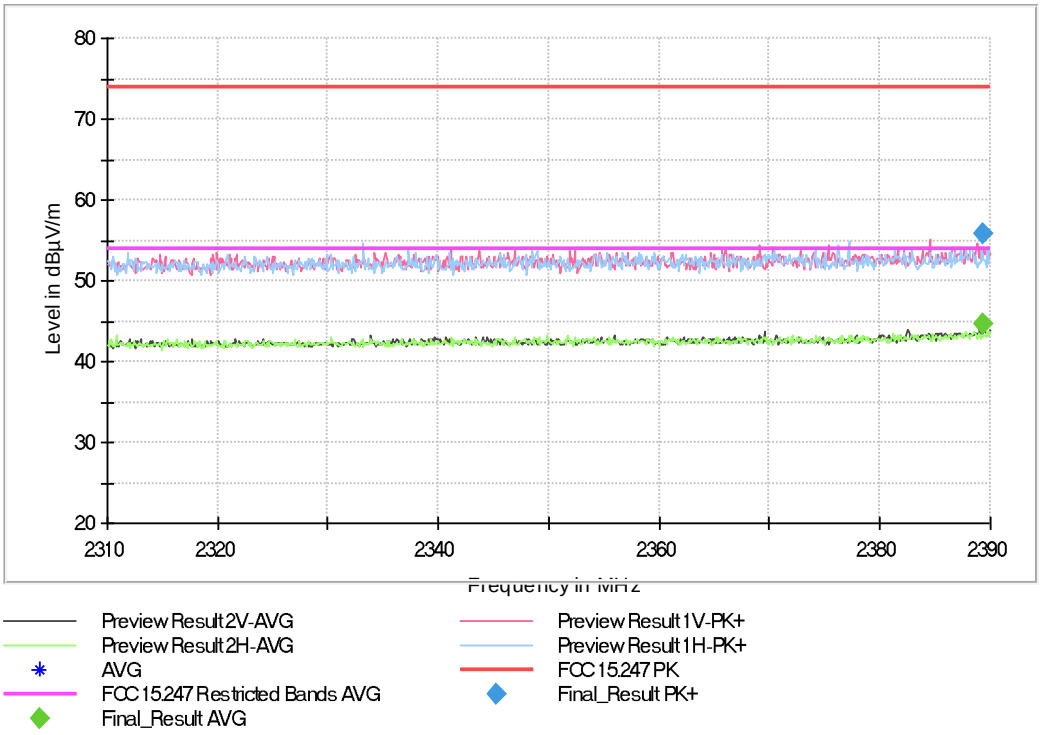
Frequency Range GHz = [1, 17]
Equipment Type = Digital Transmission System (DTS)
Modulation = 802.11ax HE20 (OFDMA MCS0) SU
Frequency MHz = 2437.00000
MIMO Mode = SISO
Active Port = 1

Images:

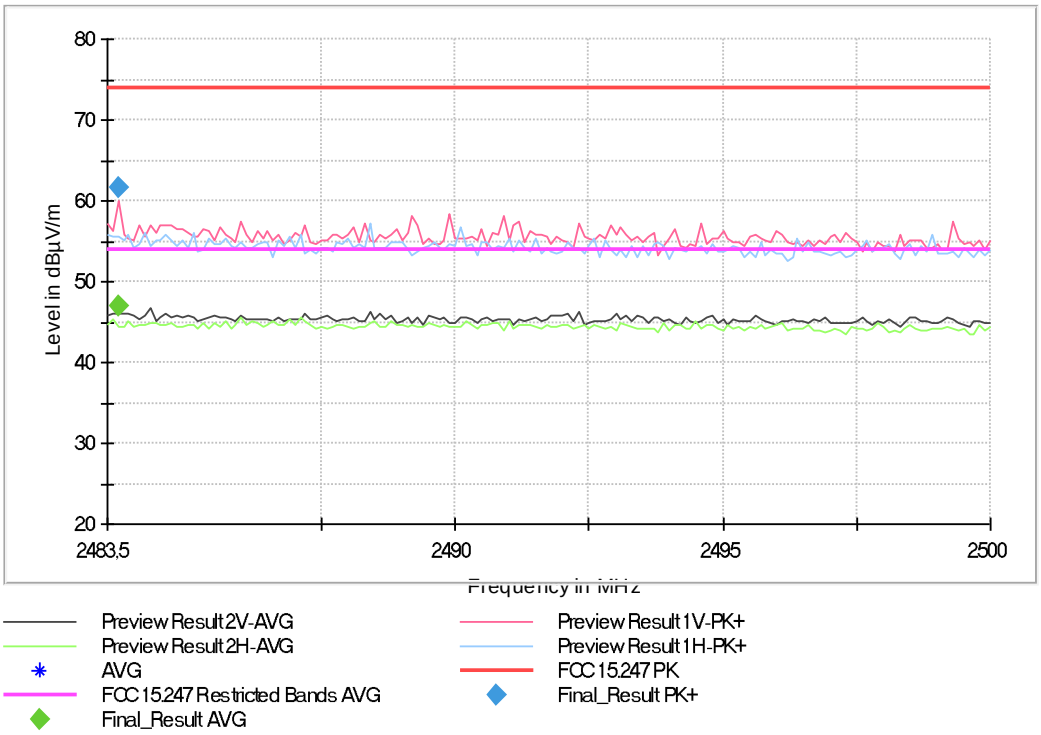


Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)
2389.400000	55.82	---	74.00	18.18	176.0	V	9.0
2389.400000	---	44.63	54.00	9.37	176.0	V	9.0
2483.700000	61.70	---	74.00	12.30	170.0	V	0.0
2483.700000	---	46.93	54.00	7.07	170.0	V	0.0

Full Spectrum



Full Spectrum



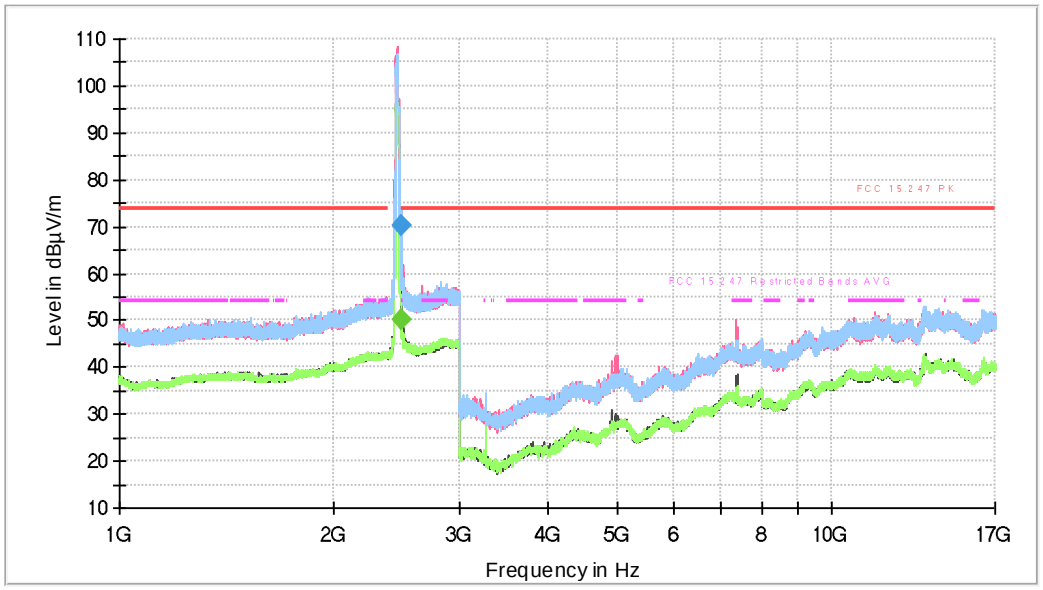
Tables:

Spectrum Analyzer Parameters

	Subrange	Step Size	Detectors	Bandwidth	Sweep Time	Preamp
	Receiver: [ESW 44]					
	1 GHz - 17 GHz	140,769 kHz	PK+ ; AVG	1 MHz	1 s	0 dB

Frequency Range GHz = [1, 17]
Modulation = 802.11ax HE20 (OFDMA MCS0) SU
MIMO Mode = SISO
Equipment Type = Digital Transmission System (DTS)
Frequency MHz = 2457.00000
Active Port = 1

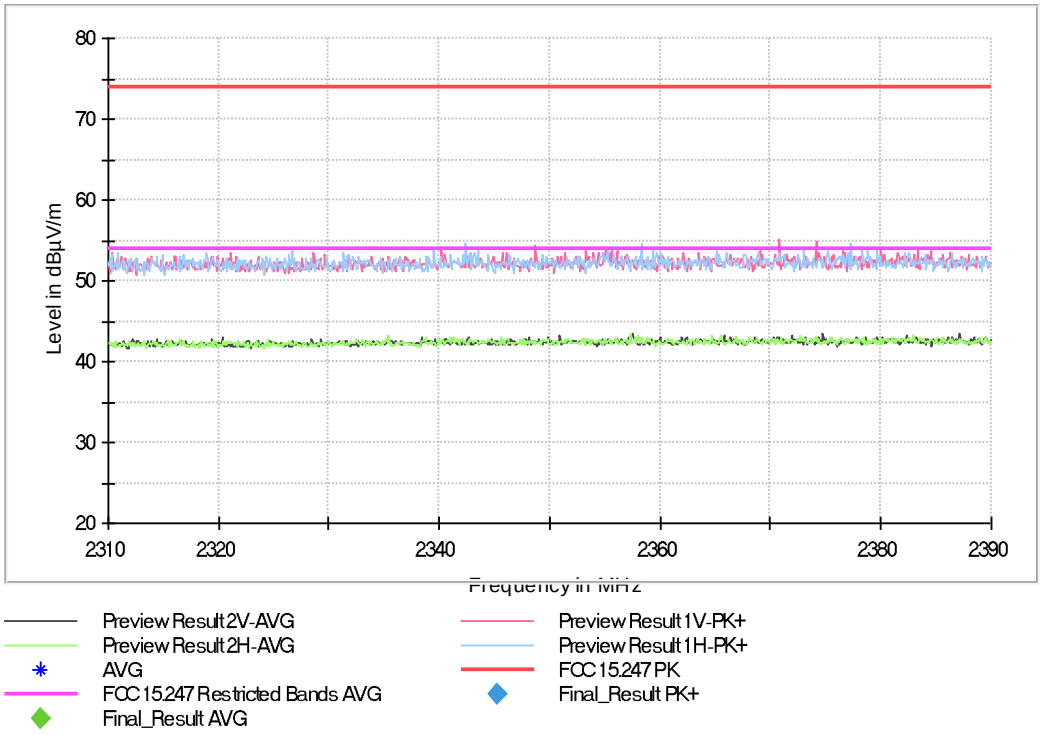
Full Spectrum



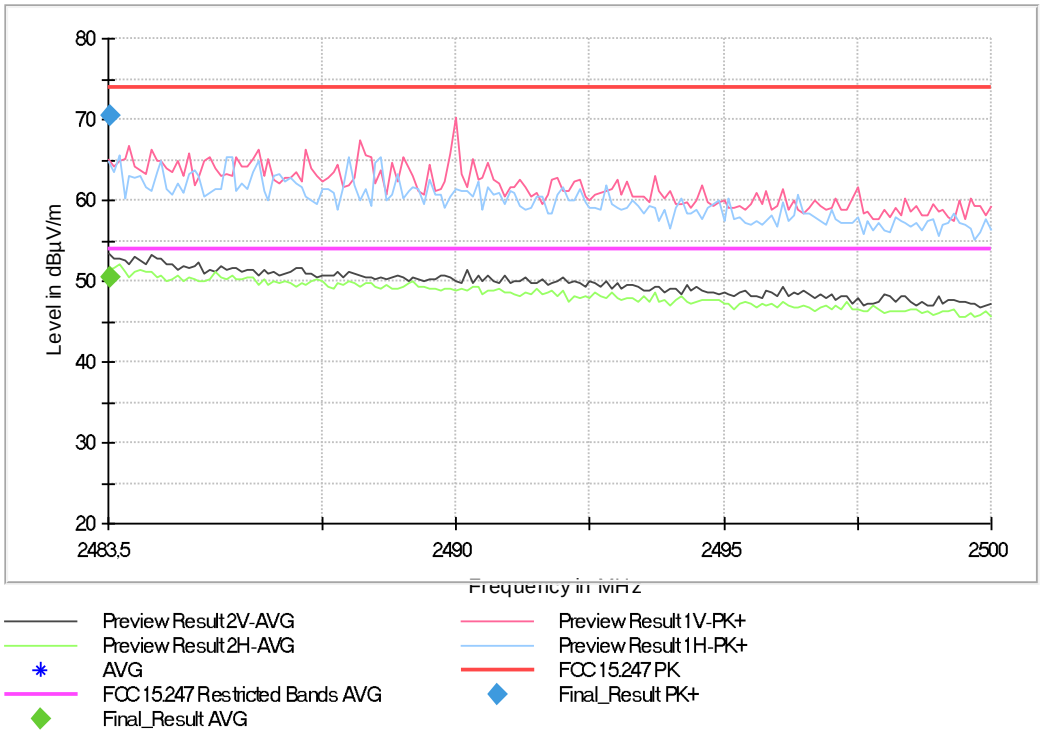
Preview Result 2V-AVG
Preview Result 2H-AVG
AVG
FCC 15.247 Restricted Bands AVG
Final_Result AVG
Preview Result 1V-PK+
Preview Result 1H-PK+
FCC 15.247 PK
Final_Result PK+

Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)
2483.530000	70.42	---	74.00	3.58	160.0	V	0.0
2483.530000	---	50.36	54.00	3.64	160.0	V	0.0

Full Spectrum

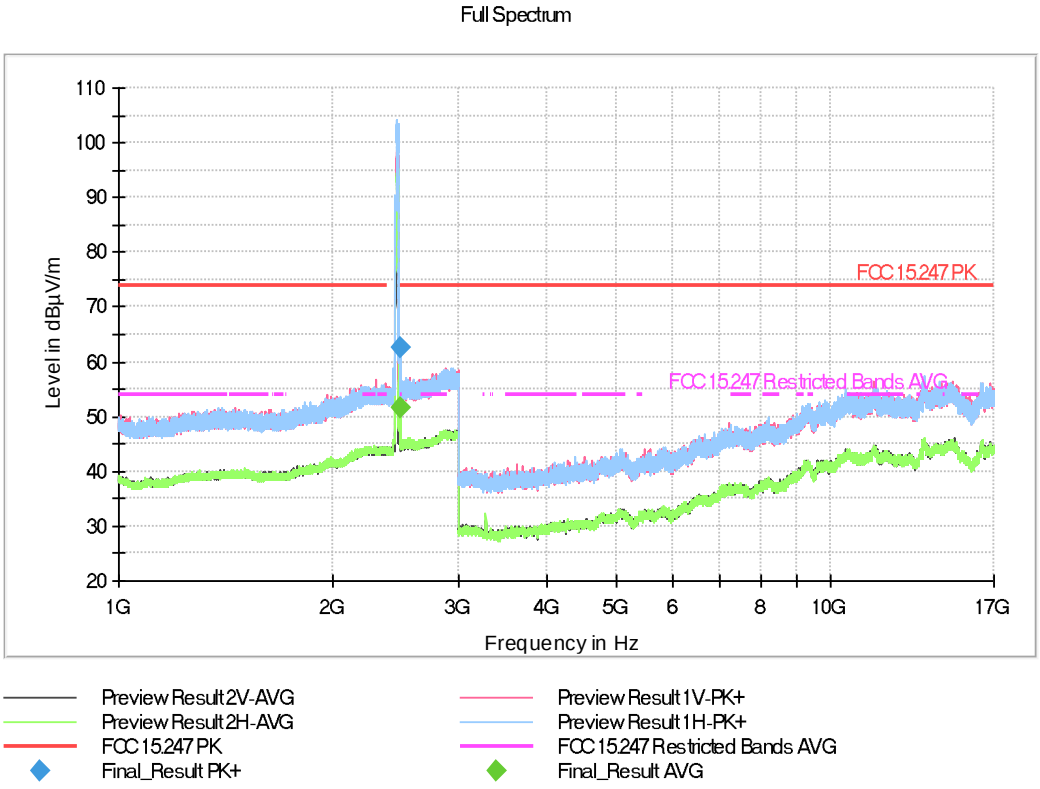


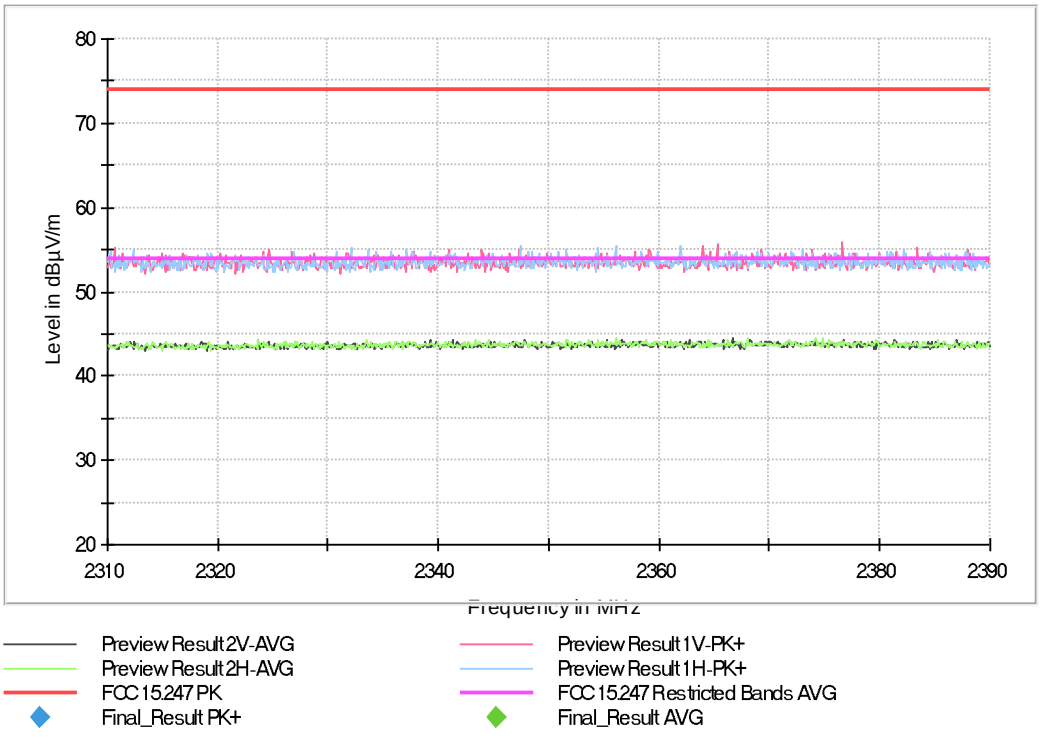
Full Spectrum

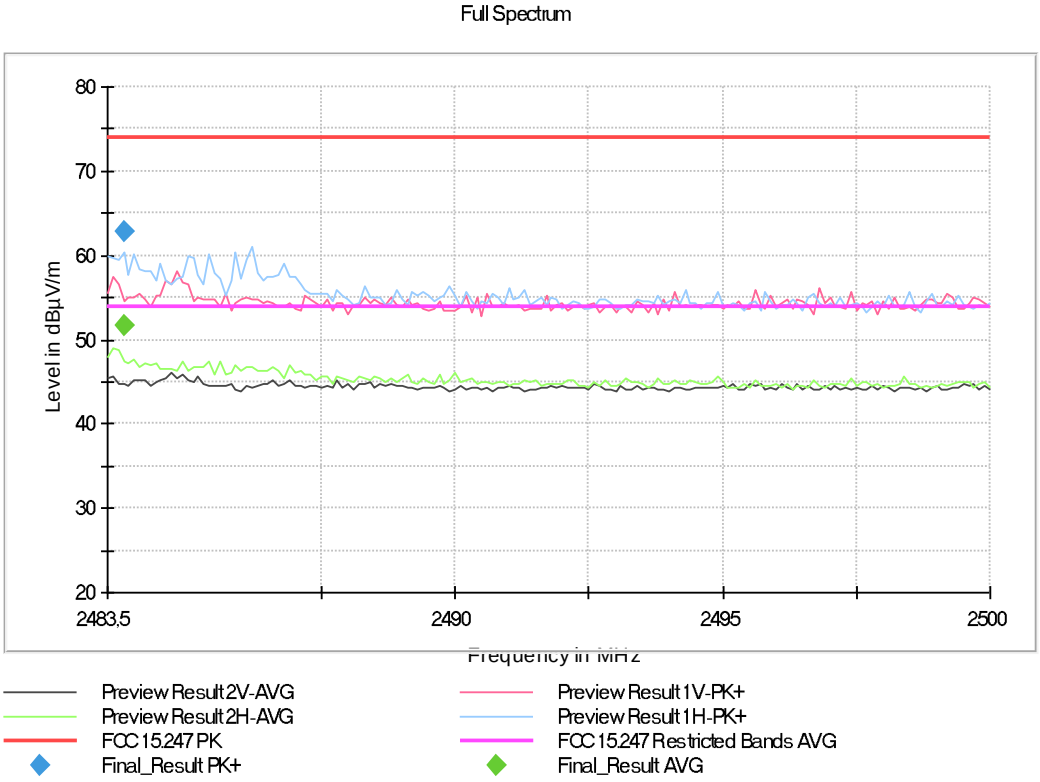


Frequency Range GHz = [1, 17]
Equipment Type = Digital Transmission System (DTS)
Modulation = 802.11ax HE20 (OFDMA MCS0) SU
Frequency MHz = 2462.00000
MIMO Mode = SISO
Active Port = 1

Images:







Tables:

Spectrum Analyzer Parameters

	Subrange	Step Size	Detectors	Bandwidth	Sweep Time	Preamp
	Receiver: [ESW 44]					
	1 GHz - 17 GHz	140,769 kHz	PK+ ; AVG	1 MHz	1 s	0 dB

Results

Modulation: 802.11ax HE20 (OFDMA MCS0) RU 26 (Worst offset according to preliminary PSD testing)

MIMO Mode: SISO

Attachments

Frequency Range GHz = [1, 17]

Modulation = 802.11ax HE20 (OFDMA MCS0) RU 26 (Worst RU and offset according to preliminary testing)

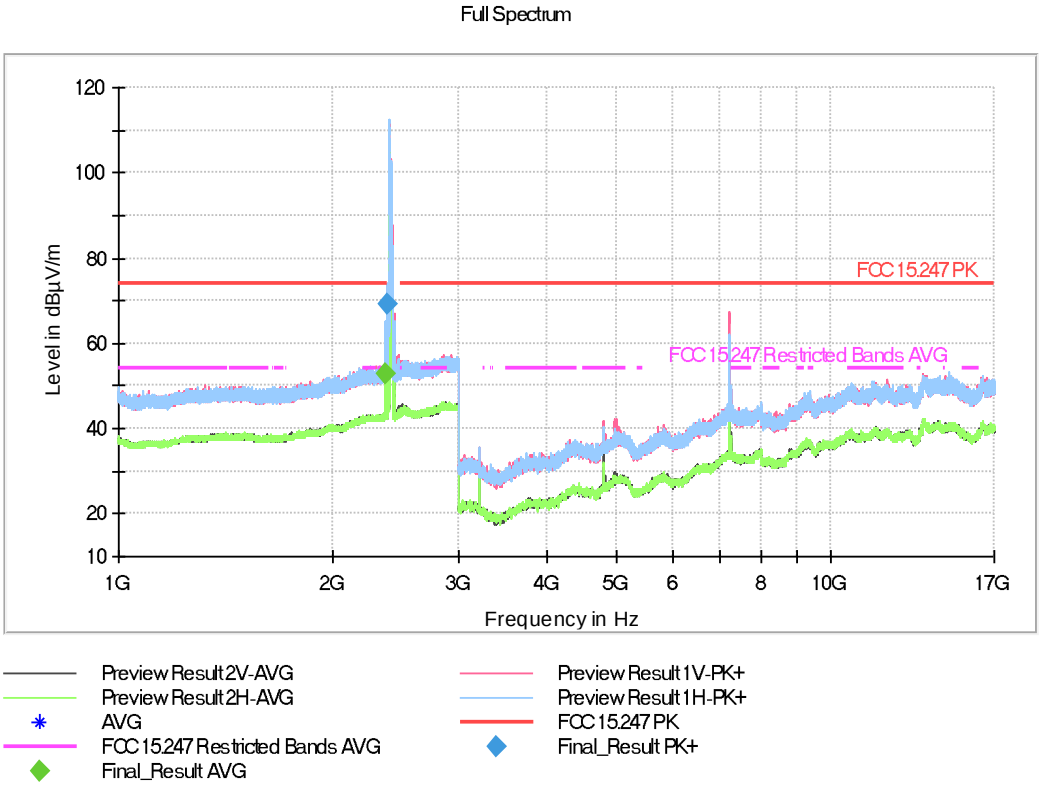
MIMO Mode = SISO

Equipment Type = Digital Transmission System (DTS)

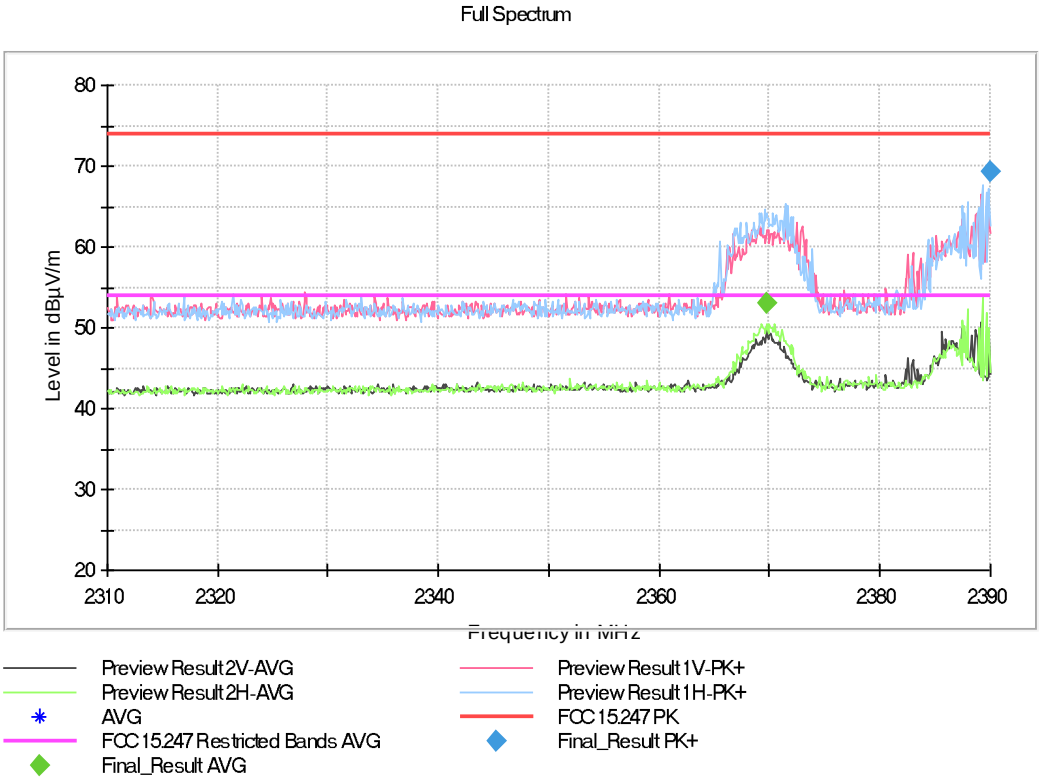
Frequency MHz = 2412.00000

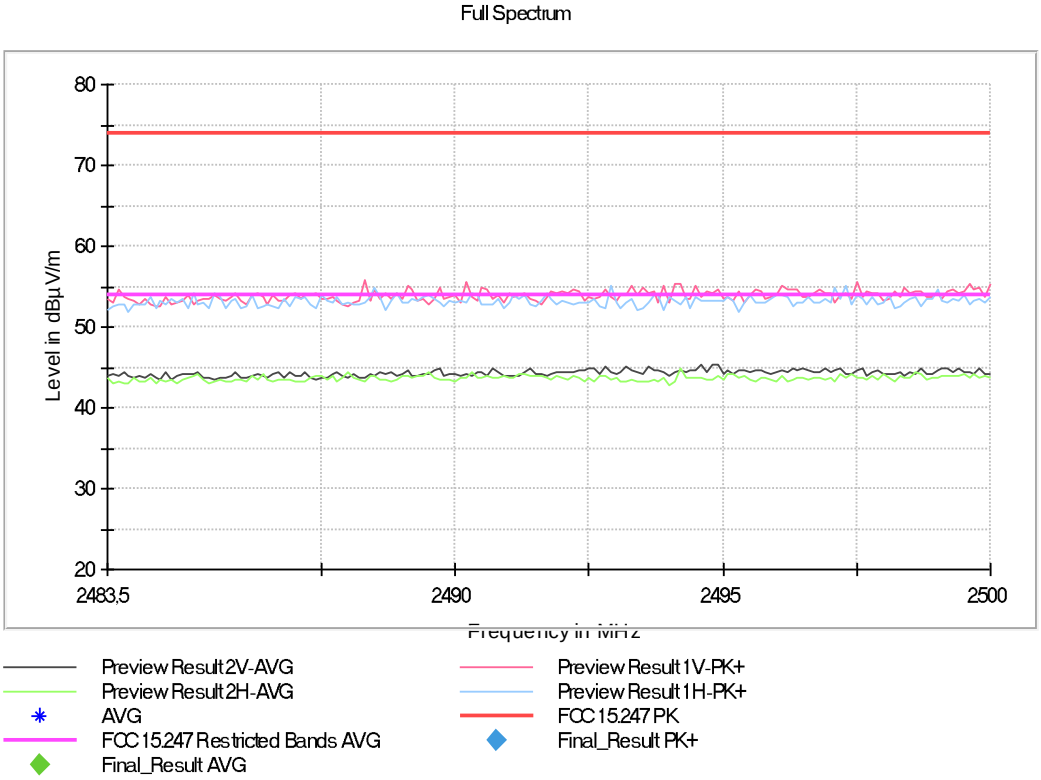
Active Port = 1

Images:



Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)
2369.811000	---	52.92	54.00	1.08	1000.000	161.0	H	26.0
2389.970000	69.32	---	74.00	4.68	1000.000	161.0	H	26.0





Tables:
Spectrum Analyzer Parameters

	Subrange	Step Size	Detectors	Bandwidth	Sweep Time	Preamp
	Receiver: [ESW 44]					
	1 GHz - 17 GHz	140,769 kHz	PK+ ; AVG	1 MHz	1 s	0 dB