

Operation Band MHz = [2400, 2483.5]

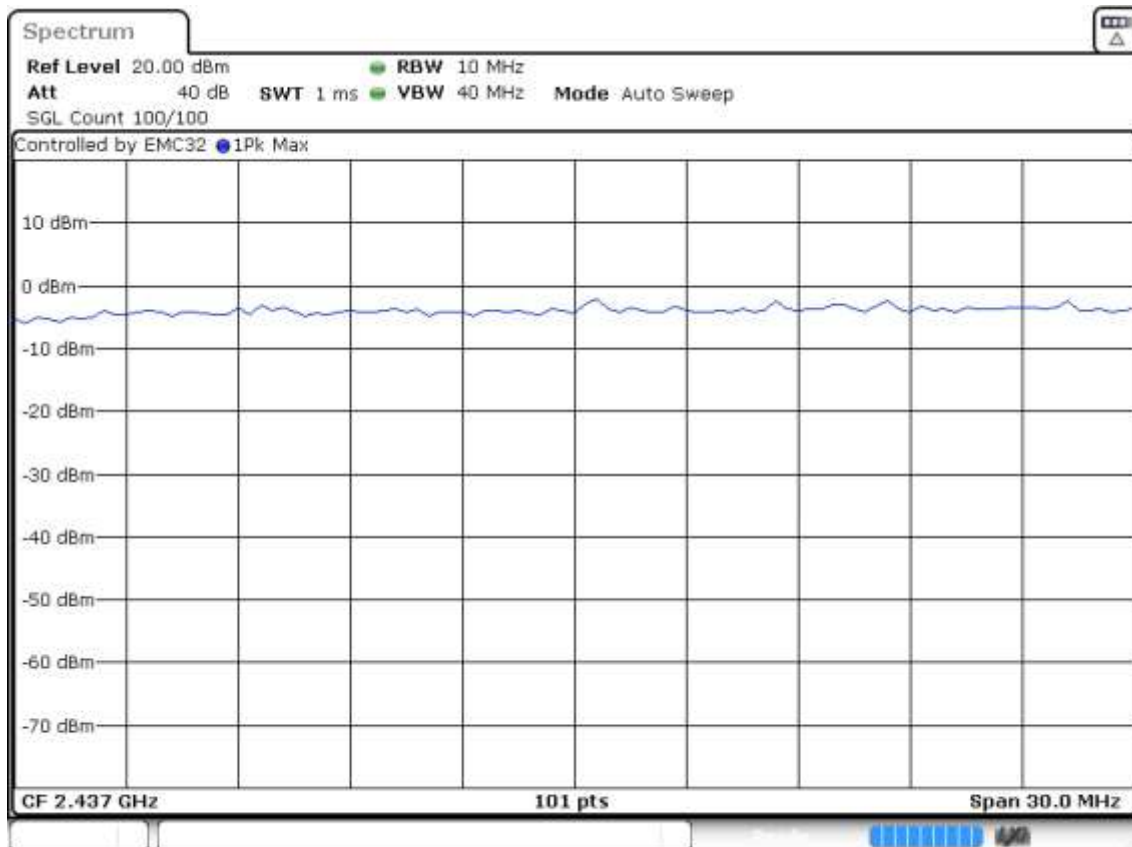
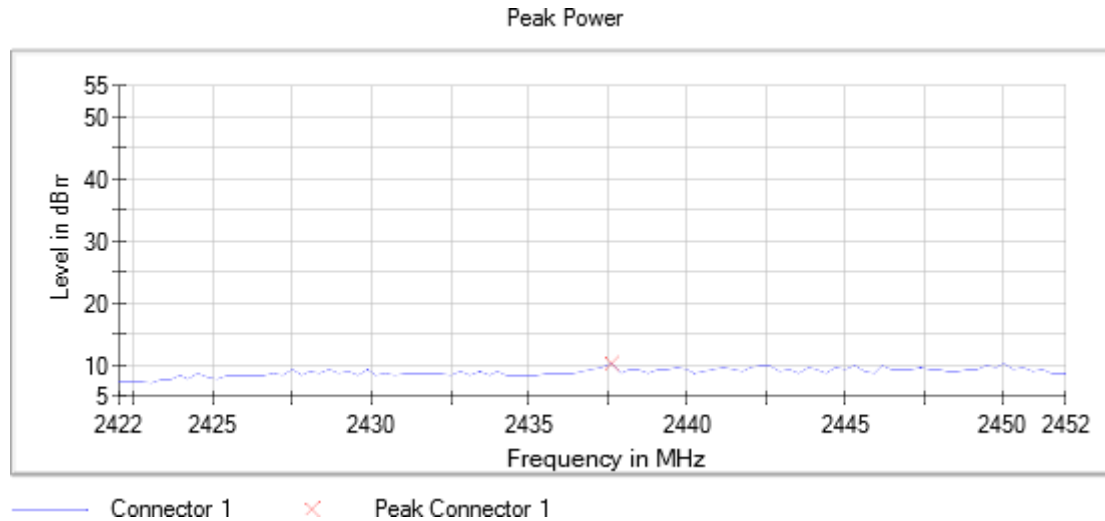
Equipment Type = Digital Transmission System (DTS)

Frequency MHz = 2437.00000

Active Port = 2

Modulation = 802.11ax HE40 SS1 (OFDMA MCS11)

Images:



Date: 9 DEC 2025 17:40:06

Operation Band MHz = [2400, 2483.5]

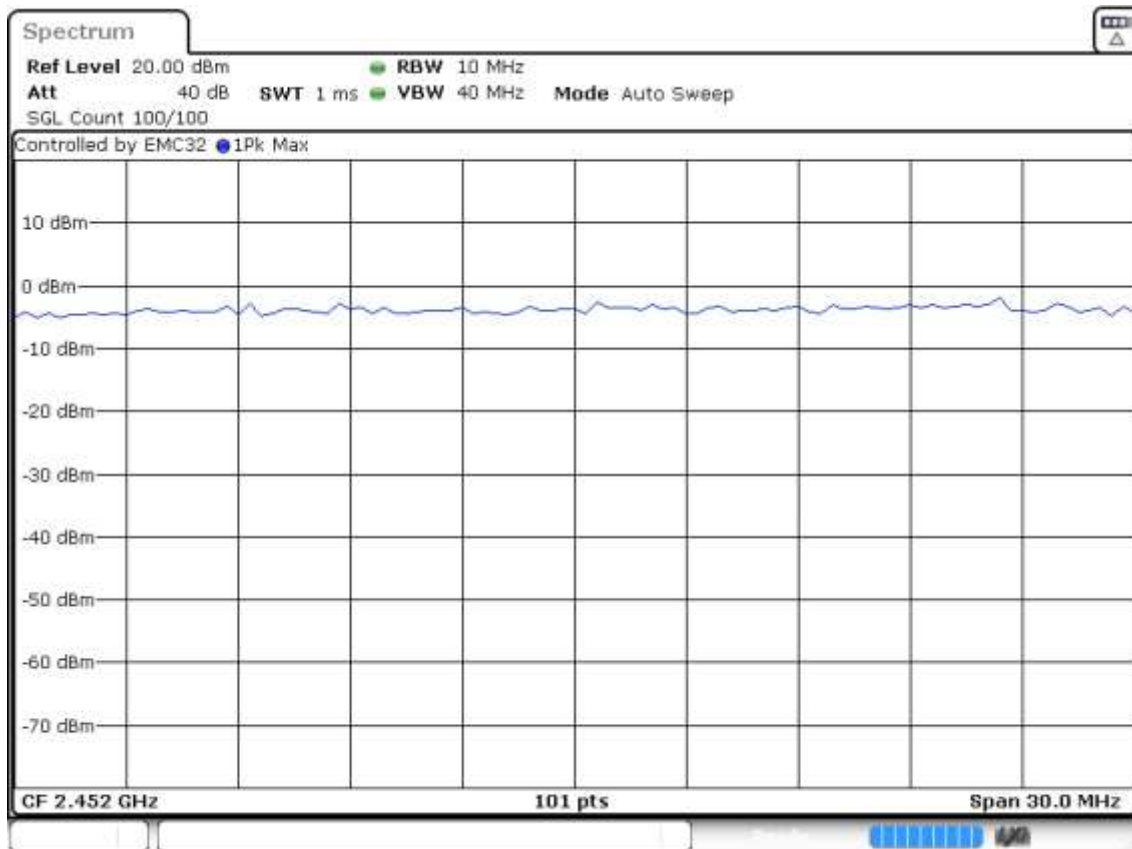
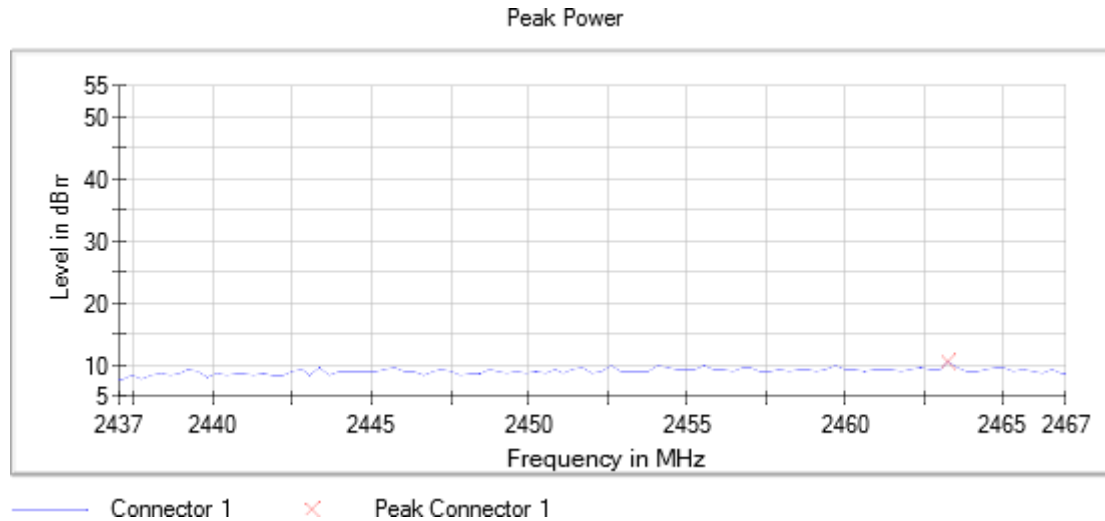
Equipment Type = Digital Transmission System (DTS)

Frequency MHz = 2452.00000

Active Port = 2

Modulation = 802.11ax HE40 SS1 (OFDMA MCS11)

Images:



Date: 9 DEC.2025 17:46:44

Operation Band MHz = [2400, 2483.5]

Equipment Type = Digital Transmission System (DTS)

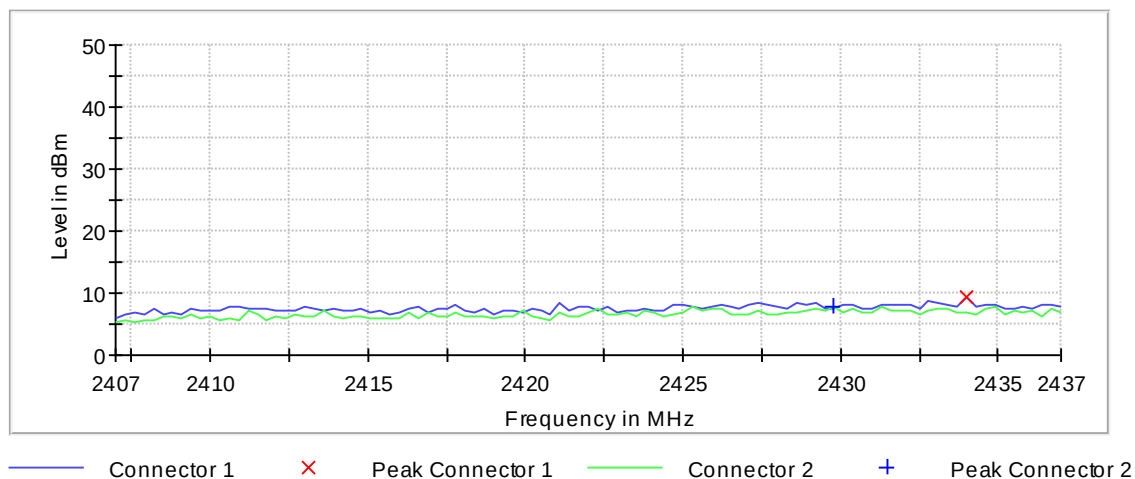
Frequency MHz = 2422.00000

Active Port = 1+2

Modulation = 802.11ax HE40 SS1 (OFDMA MCS11)

Images:

Peak Power



08:29:46 PM 01/29/2026

Operation Band MHz = [2400, 2483.5]

Equipment Type = Digital Transmission System (DTS)

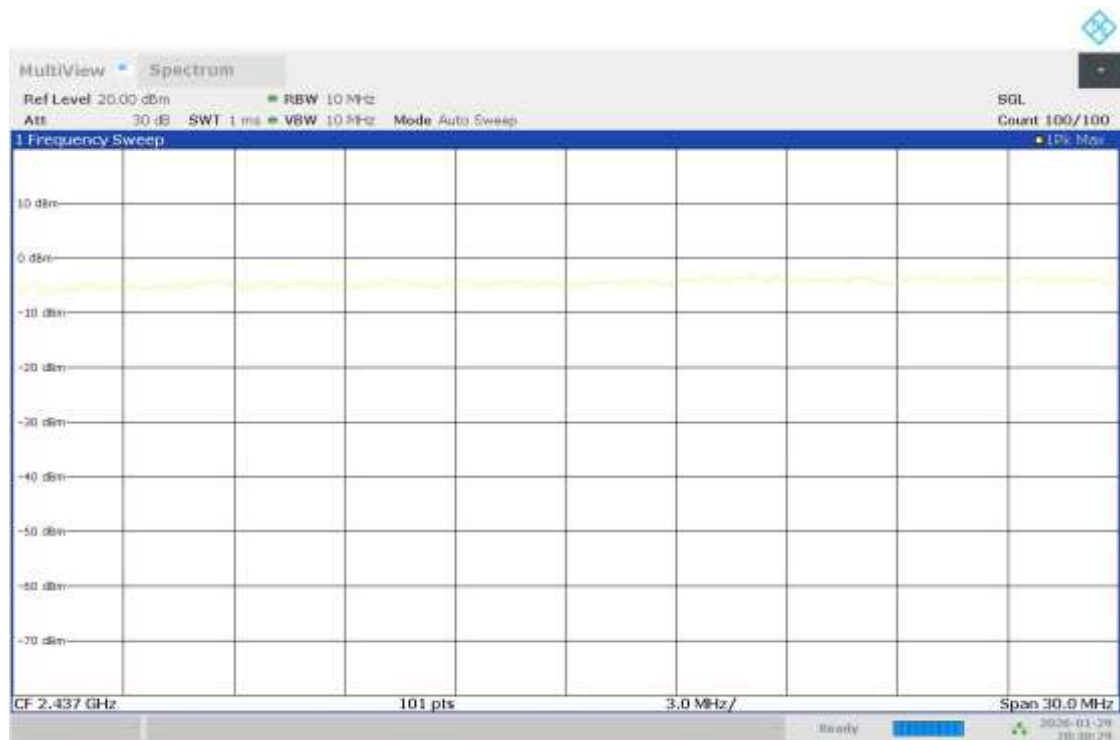
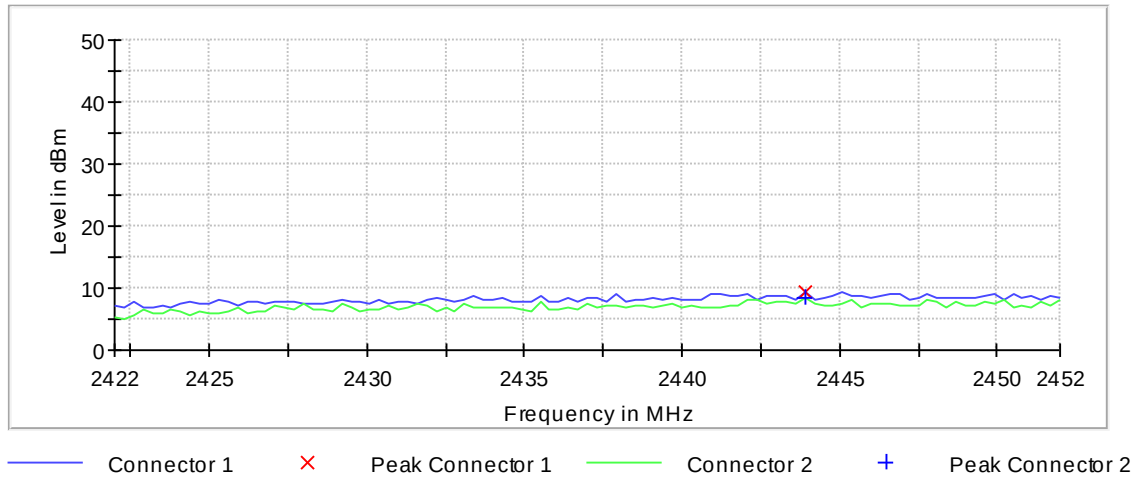
Frequency MHz = 2437.00000

Active Port = 1+2

Modulation = 802.11ax HE40 SS1 (OFDMA MCS11)

Images:

Peak Power



Operation Band MHz = [2400, 2483.5]

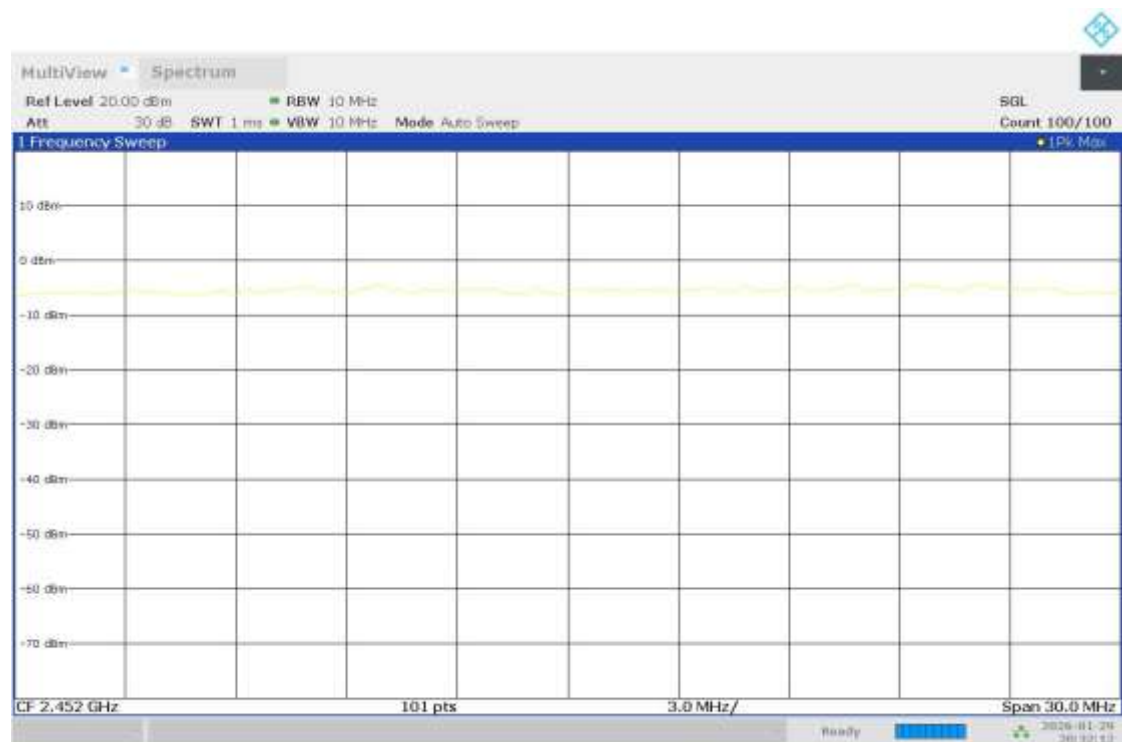
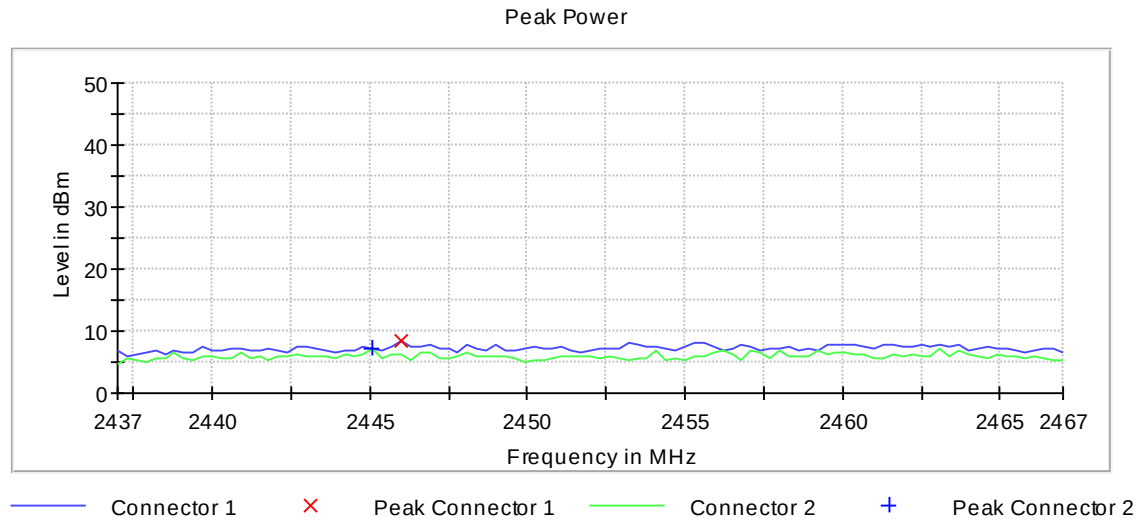
Equipment Type = Digital Transmission System (DTS)

Frequency MHz = 2452.00000

Active Port = 1+2

Modulation = 802.11ax HE40 SS1 (OFDMA MCS11)

Images:



08:32:13 PM 01/29/2026

RSS-247 6.6 / FCC 15.247 (d) [Bndedge] Band-edge emissions compliance (Transmitter)

Limits

In any 100 kHz bandwidths outside the frequency band in which the intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, the attenuation required under this paragraph shall be 30 dB instead of 20 dB.

Modulation: BTLE (GFSK 1 Mbit/s)

Results

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
2325.425000	-53.1	36.7	-16.3
2325.475000	-53.1	36.8	-16.3
2325.275000	-53.3	36.9	-16.3
2325.175000	-53.5	37.1	-16.3
2325.225000	-53.6	37.3	-16.3
2325.125000	-53.7	37.3	-16.3
2325.325000	-53.7	37.4	-16.3
2325.075000	-53.9	37.6	-16.3
2325.025000	-54.0	37.7	-16.3
2324.975000	-54.4	38.1	-16.3
2325.375000	-54.5	38.2	-16.3
2325.525000	-54.6	38.3	-16.3
2324.925000	-54.9	38.6	-16.3
2399.975000	-55.6	39.3	-16.3
2324.875000	-56.2	39.8	-16.3

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
2486.325000	-59.9	44.1	-15.8
2486.375000	-60.2	44.3	-15.8
2483.875000	-60.2	44.4	-15.8
2483.825000	-60.4	44.5	-15.8
2483.675000	-60.5	44.7	-15.8
2484.025000	-60.5	44.7	-15.8
2486.275000	-60.5	44.7	-15.8
2483.725000	-60.6	44.8	-15.8
2484.125000	-60.7	44.9	-15.8
2487.475000	-61.0	45.1	-15.8
2487.525000	-61.0	45.1	-15.8
2494.375000	-61.0	45.2	-15.8
2494.325000	-61.0	45.2	-15.8
2493.575000	-61.2	45.3	-15.8
2493.525000	-61.2	45.4	-15.8

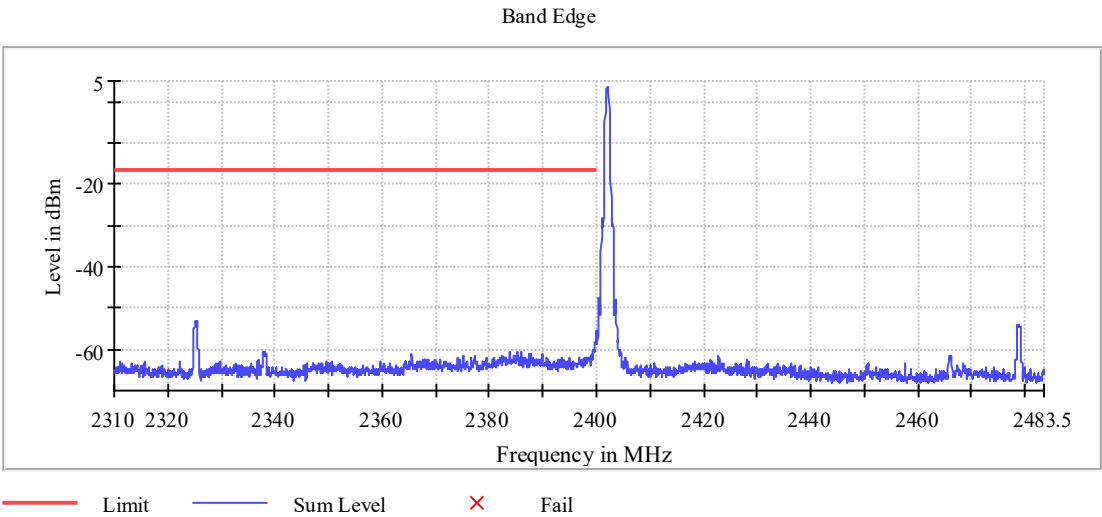
Verdict

Pass

Attachments

Operation Band MHz = [2400, 2483.5] Equipment Type = Digital Transmission System (DTS)
Frequency MHz = 2402.00000 Active Port = 1
Modulation = BTLE (GFSK 1 Mbit/s)

Images:



Tables:

Spectrum Analyzer Parameters 1

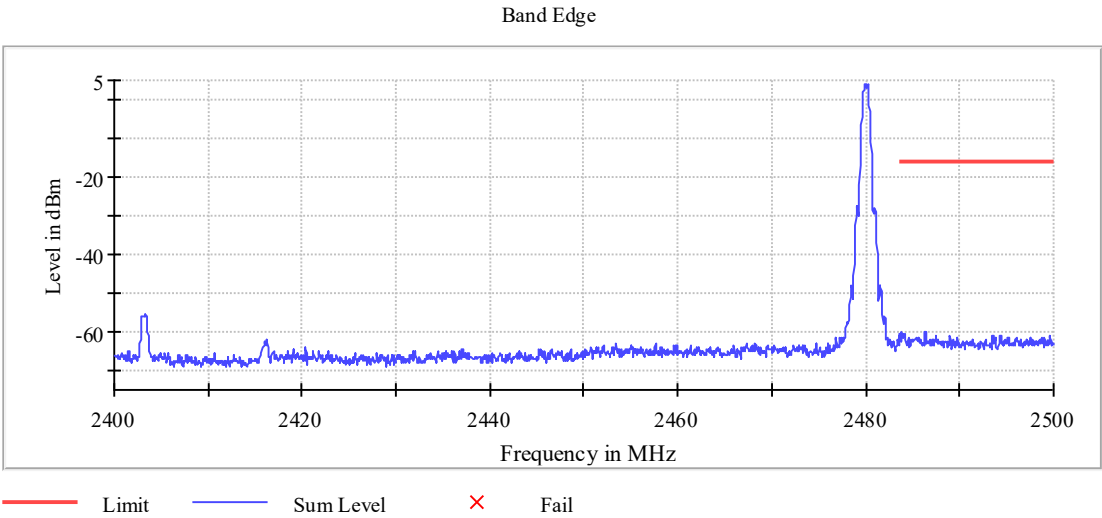
Setting	Instrument Value	Target Value
Start Frequency	2.31000 GHz	2.31000 GHz
Stop Frequency	2.40000 GHz	2.40000 GHz
Span	90.000 MHz	90.000 MHz
RBW	100.000 kHz	<= 100.000 kHz
VBW	300.000 kHz	>= 300.000 kHz
SweepPoints	1800	~ 1800
SweepTime	94.727 µs	AUTO
Reference Level	0.000 dBm	0.000 dBm
Attenuation	20.000 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	0.000 dBm	0.000 dBm
Attenuation	20.000 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	10 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.00 dB	0.50 dB

Operation Band MHz = [2400, 2483.5] Equipment Type = Digital Transmission System (DTS)
Frequency MHz = 2480.00000 Active Port = 1
Modulation = BTLE (GFSK 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	94.727 µs	AUTO
Reference Level	0.000 dBm	0.000 dBm
Attenuation	20.000 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 μ s	AUTO
Reference Level	0.000 dBm	0.000 dBm
Attenuation	20.000 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	10 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.00 dB	0.50 dB

Modulation: BTLE (GFSK 2 Mbit/s)

Results

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
2325.475000	-53.2	36.9	-16.3
2325.425000	-53.3	37.0	-16.3
2325.075000	-53.5	37.3	-16.3
2325.275000	-53.6	37.3	-16.3
2325.175000	-53.6	37.3	-16.3
2325.125000	-53.6	37.4	-16.3
2325.225000	-53.7	37.4	-16.3
2325.025000	-53.8	37.5	-16.3
2325.325000	-54.0	37.7	-16.3
2325.375000	-54.4	38.1	-16.3
2324.975000	-54.4	38.1	-16.3
2325.525000	-54.5	38.3	-16.3
2324.925000	-55.5	39.3	-16.3
2324.875000	-55.6	39.4	-16.3
2399.975000	-56.2	39.9	-16.3

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
2484.975000	-59.5	43.5	-16.0
2485.025000	-59.9	43.9	-16.0
2486.725000	-60.6	44.6	-16.0
2486.675000	-60.6	44.6	-16.0
2484.175000	-60.6	44.6	-16.0
2491.225000	-60.6	44.6	-16.0
2484.775000	-60.7	44.8	-16.0
2499.875000	-60.8	44.8	-16.0
2485.325000	-60.8	44.9	-16.0
2484.075000	-60.9	44.9	-16.0
2491.175000	-60.9	44.9	-16.0
2484.375000	-60.9	44.9	-16.0
2487.775000	-60.9	45.0	-16.0
2484.125000	-61.0	45.0	-16.0
2494.025000	-61.0	45.0	-16.0

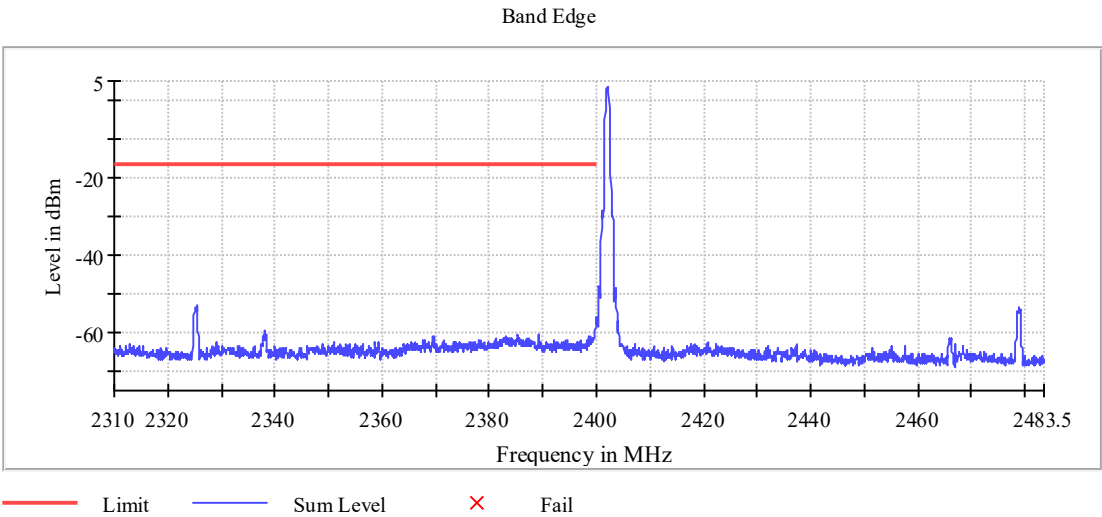
Verdict

Pass

Attachments

Operation Band MHz = [2400, 2483.5] Equipment Type = Digital Transmission System (DTS)
Frequency MHz = 2402.00000 Active Port = 1
Modulation = BTLE (GFSK 2 Mbit/s)

Images:



Tables:

Spectrum Analyzer Parameters 1

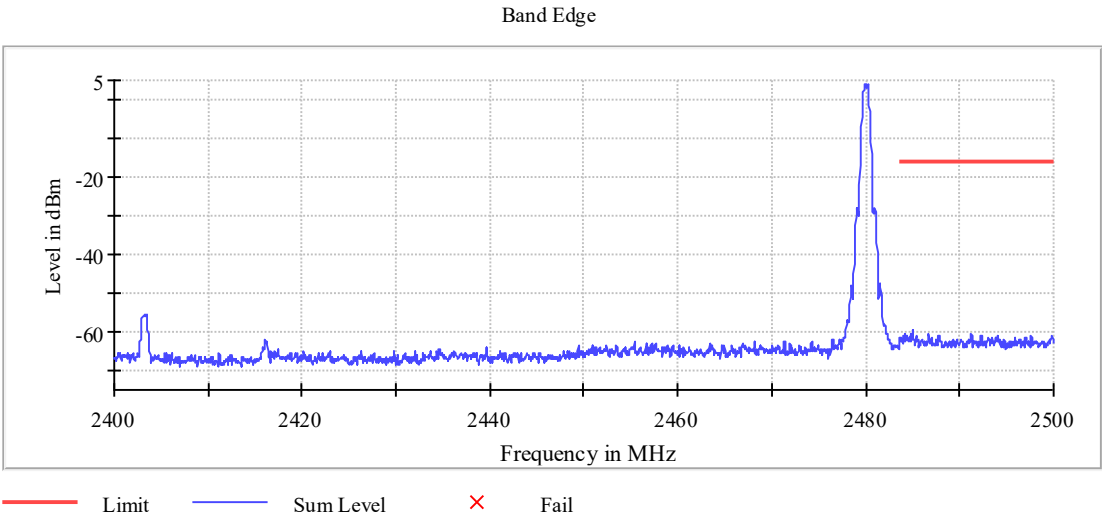
Setting	Instrument Value	Target Value
Start Frequency	2.31000 GHz	2.31000 GHz
Stop Frequency	2.40000 GHz	2.40000 GHz
Span	90.000 MHz	90.000 MHz
RBW	100.000 kHz	<= 100.000 kHz
VBW	300.000 kHz	>= 300.000 kHz
SweepPoints	1800	~ 1800
SweepTime	94.727 µs	AUTO
Reference Level	0.000 dBm	0.000 dBm
Attenuation	20.000 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	0.000 dBm	0.000 dBm
Attenuation	20.000 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	12 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.06 dB	0.50 dB

Operation Band MHz = [2400, 2483.5] Equipment Type = Digital Transmission System (DTS)
Frequency MHz = 2480.00000 Active Port = 1
Modulation = BTLE (GFSK 2 Mbit/s)

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	0.000 dBm	0.000 dBm
Attenuation	20.000 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	0.33 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	0.000 dBm	0.000 dBm
Attenuation	20.000 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

Modulation: BT (GFSK 1-DH5)

Results

Operation Band (MHz)	Equipment	Freq (MHz)	Port	Inband Peak Lvl (dBm)	Freq (MHz)	Lvl (dBm)	
[2400, 2483.5]	Frequency Hopping Spread Spectrum systems (FHSS)	Hopping	1	5.900	2492.925000	-47.4	
				5.900	2313.175000	-42.9	
				5.900	2492.975000	-47.5	
				5.900	2311.875000	-43.3	
				5.900	2327.175000	-43.5	
				5.900	2487.675000	-47.8	
				5.900	2493.725000	-48.0	
				5.900	2317.175000	-43.6	
				5.900	2493.825000	-48.0	
				5.900	2338.175000	-43.7	
				5.900	2493.775000	-48.1	
				5.900	2323.175000	-43.7	
				5.900	2313.125000	-43.7	
				5.900	2484.825000	-48.2	
				5.900	2488.825000	-48.3	
				5.900	2332.175000	-43.8	
				5.900	2484.775000	-48.3	
				5.900	2335.175000	-43.8	
				5.900	2311.825000	-43.9	
				5.900	2488.775000	-48.3	
				5.900	2491.825000	-48.3	
				5.900	2318.175000	-43.9	
				5.900	2487.625000	-48.3	
				5.900	2314.175000	-44.0	
				5.900	2488.725000	-48.3	
				5.900	2314.075000	-44.0	
				5.900	2315.125000	-44.0	
				5.900	2499.775000	-48.3	
				5.900	2340.875000	-44.0	
				5.900	2497.775000	-48.4	
		2402.00000		4.900	2325.225000	-52.0	
				4.900	2325.175000	-52.2	
				4.900	2325.275000	-52.2	
				4.900	2325.375000	-52.3	
				4.900	2325.125000	-52.3	
				4.900	2325.325000	-52.5	
				4.900	2325.075000	-52.6	
				4.900	2325.425000	-54.0	

Operation Band (MHz)	Equipment	Freq (MHz)	Port	Inband Peak Lvl (dBm)	Freq (MHz)	Lvl (dBm)	
				4.900	2325.025000	-54.1	
				4.900	2324.975000	-56.8	
				4.900	2325.475000	-57.2	
				4.900	2399.975000	-57.6	
				4.900	2400.000000	-57.8	
				4.900	2399.925000	-59.0	
				4.900	2324.925000	-59.4	
		2480.00000		5.400	2483.725000	-59.9	
				5.400	2483.775000	-60.1	
				5.400	2483.525000	-60.1	
				5.400	2486.125000	-60.8	
				5.400	2499.825000	-60.9	
				5.400	2499.775000	-60.9	
				5.400	2484.125000	-61.0	
				5.400	2489.575000	-61.0	
				5.400	2486.175000	-61.0	
				5.400	2483.975000	-61.0	
				5.400	2484.025000	-61.2	
				5.400	2489.625000	-61.2	
				5.400	2484.075000	-61.3	
				5.400	2483.675000	-61.3	
				5.400	2486.025000	-61.3	

Verdict

Pass

Attachments

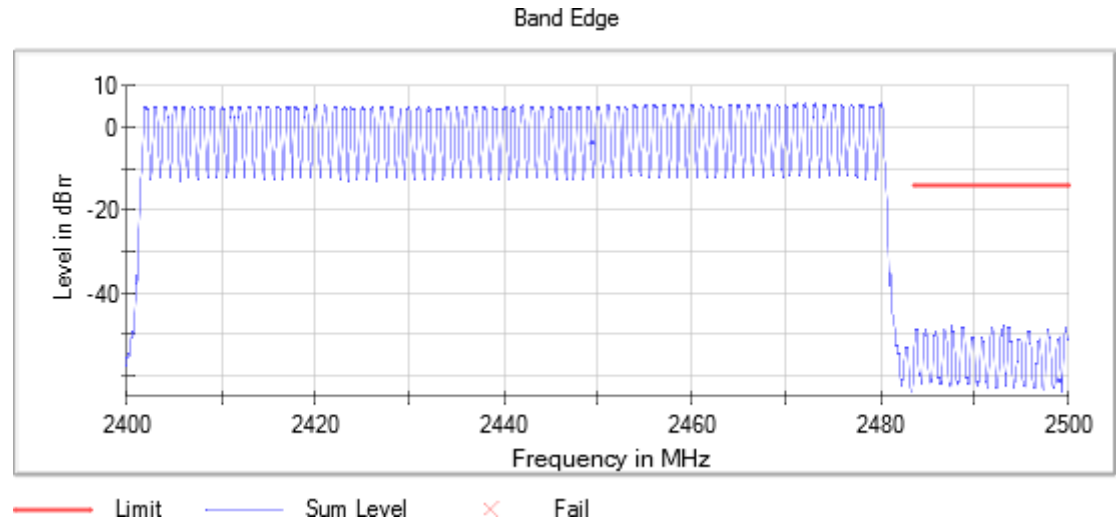
Operation Band MHz = [2400, 2483.5]

Equipment Type = Frequency Hopping Spread Spectrum systems (FHSS)

Active Port = 1

Modulation = BT (GFSK 1-DH5)

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	94.727 µs	AUTO
Reference Level	0.000 dBm	0.000 dBm
Attenuation	20.000 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	94 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.18 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	0.000 dBm	0.000 dBm
Attenuation	20.000 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	107 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.29 dB	0.50 dB

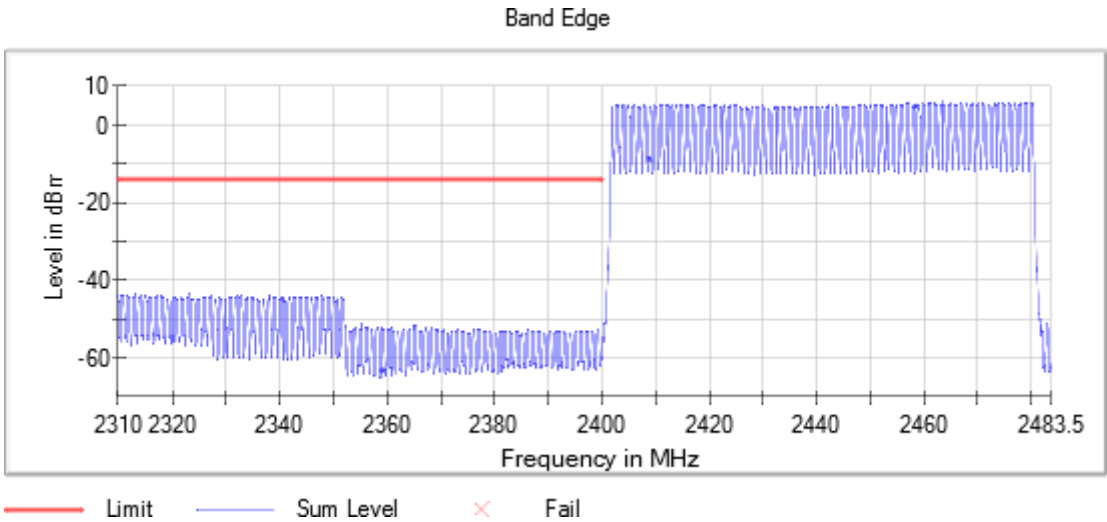
Operation Band MHz = [2400,
2483.5]

Equipment Type = Frequency Hopping Spread Spectrum systems
(FHSS)

Active Port = 1

Modulation = BT (GFSK 1-DH5)

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	94.727 µs	AUTO
Reference Level	0.000 dBm	0.000 dBm
Attenuation	20.000 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	94 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.18 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	0.000 dBm	0.000 dBm
Attenuation	20.000 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	107 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.29 dB	0.50 dB

Operation Band MHz = [2400, 2483.5]

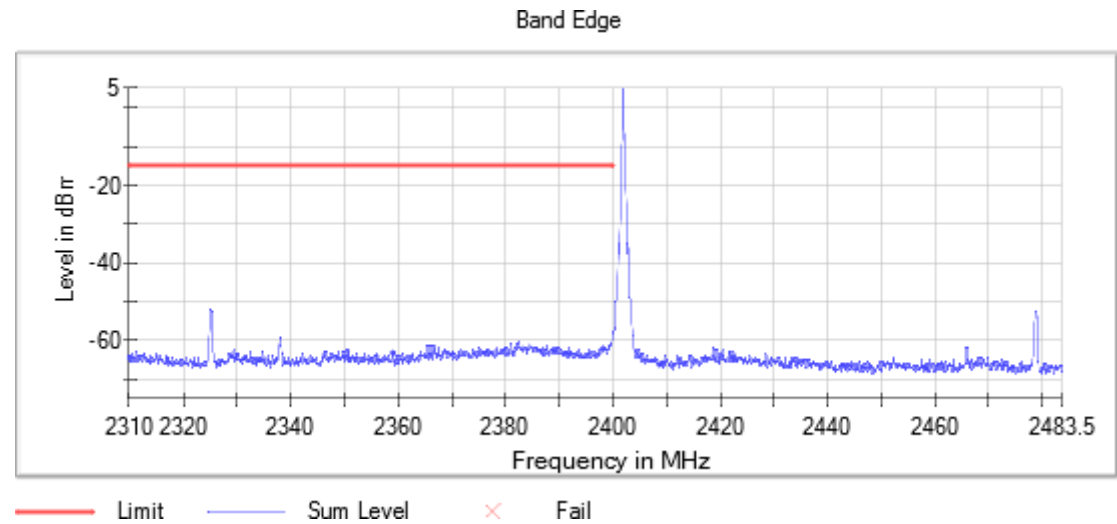
Equipment Type = Frequency Hopping Spread Spectrum systems (FHSS)

Frequency MHz = 2402.00000

Active Port = 1

Modulation = BT (GFSK 1-DH5)

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	94.727 µs	AUTO
Reference Level	0.000 dBm	0.000 dBm
Attenuation	20.000 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	94 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.18 dB	0.50 dB

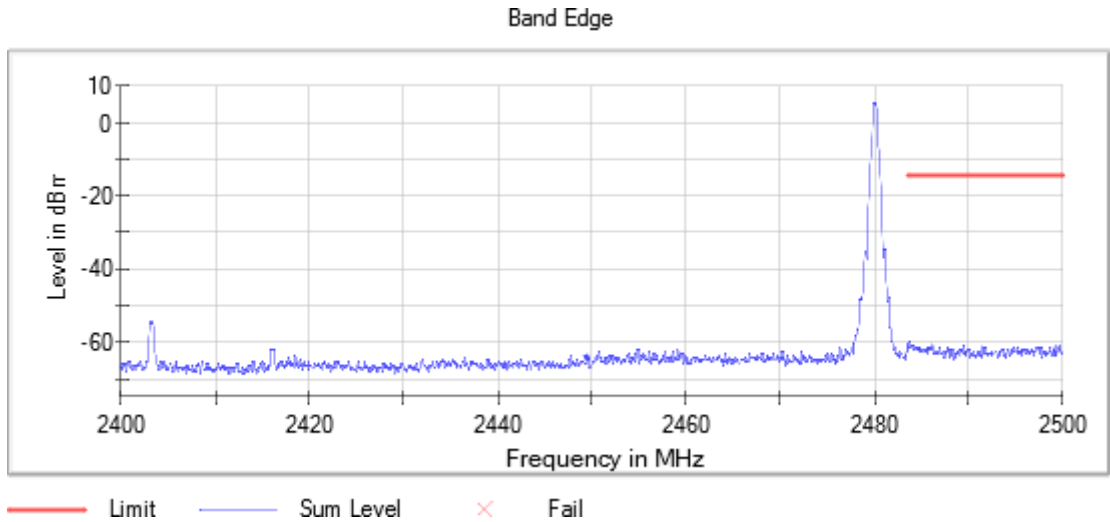
Spectrum Analyzer Parameters 2

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	0.000 dBm	0.000 dBm
Attenuation	20.000 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	107 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.29 dB	0.50 dB

Operation Band MHz = [2400,
2483.5]
Frequency MHz = 2480.00000
Modulation = BT (GFSK 1-DH5)

Equipment Type = Frequency Hopping Spread Spectrum systems
(FHSS)
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	94.727 µs	AUTO
Reference Level	0.000 dBm	0.000 dBm
Attenuation	20.000 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	94 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.18 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	0.000 dBm	0.000 dBm
Attenuation	20.000 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	107 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.29 dB	0.50 dB

Modulation: BT (Pi/4 DQPSK 2-DH5)

Results

Operation Band (MHz)	Equipment	Freq (MHz)	Port	Inband Peak Lvl (dBm)	Freq (MHz)	Lvl (dBm)	
[2400, 2483.5]	Frequency Hopping Spread Spectrum systems (FHSS)	Hopping	1	6.300	2495.825000	-51.1	
				6.300	2315.175000	-43.2	
				6.300	2487.675000	-51.3	
				6.300	2351.875000	-43.3	
				6.300	2495.875000	-51.4	
				6.300	2323.875000	-43.3	
				6.300	2344.175000	-43.4	
				6.300	2486.825000	-51.4	
				6.300	2486.875000	-51.7	
				6.300	2332.875000	-43.4	
				6.300	2317.875000	-43.4	
				6.300	2487.625000	-51.9	
				6.300	2310.175000	-43.5	
				6.300	2487.725000	-52.2	
				6.300	2315.875000	-43.5	
				6.300	2499.725000	-52.7	
				6.300	2339.175000	-43.6	
				6.300	2499.775000	-52.7	
				6.300	2323.825000	-43.7	
				6.300	2495.925000	-53.0	
				6.300	2321.175000	-43.7	
				6.300	2486.775000	-53.0	
				6.300	2351.825000	-43.7	
				6.300	2495.975000	-53.2	
				6.300	2320.175000	-43.8	
				6.300	2487.125000	-53.6	
				6.300	2496.675000	-53.6	
				6.300	2324.875000	-43.8	
				6.300	2345.875000	-43.8	
				6.300	2498.875000	-53.6	
		2402.00000		3.700	2325.425000	-53.8	
				3.700	2325.475000	-54.0	
				3.700	2325.375000	-54.2	
				3.700	2325.275000	-54.3	
				3.700	2325.225000	-54.4	
				3.700	2325.025000	-54.7	
				3.700	2325.075000	-54.7	
				3.700	2324.875000	-54.8	

Operation Band (MHz)	Equipment	Freq (MHz)	Port	Inband Peak Lvl (dBm)	Freq (MHz)	Lvl (dBm)	
				3.700	2325.325000	-55.0	
				3.700	2325.125000	-55.1	
				3.700	2325.575000	-55.2	
				3.700	2324.975000	-55.2	
				3.700	2325.175000	-55.2	
				3.700	2324.825000	-55.3	
				3.700	2325.525000	-55.4	
		2480.00000		4.100	2495.925000	-59.2	
				4.100	2495.975000	-59.2	
				4.100	2491.275000	-59.7	
				4.100	2491.225000	-59.7	
				4.100	2495.875000	-60.2	
				4.100	2484.375000	-60.4	
				4.100	2484.325000	-60.5	
				4.100	2484.425000	-60.5	
				4.100	2496.025000	-60.6	
				4.100	2496.425000	-60.7	
				4.100	2494.325000	-60.7	
				4.100	2494.275000	-60.7	
				4.100	2496.475000	-60.8	
				4.100	2483.625000	-60.9	
				4.100	2484.475000	-60.9	

Verdict

Pass

Attachments

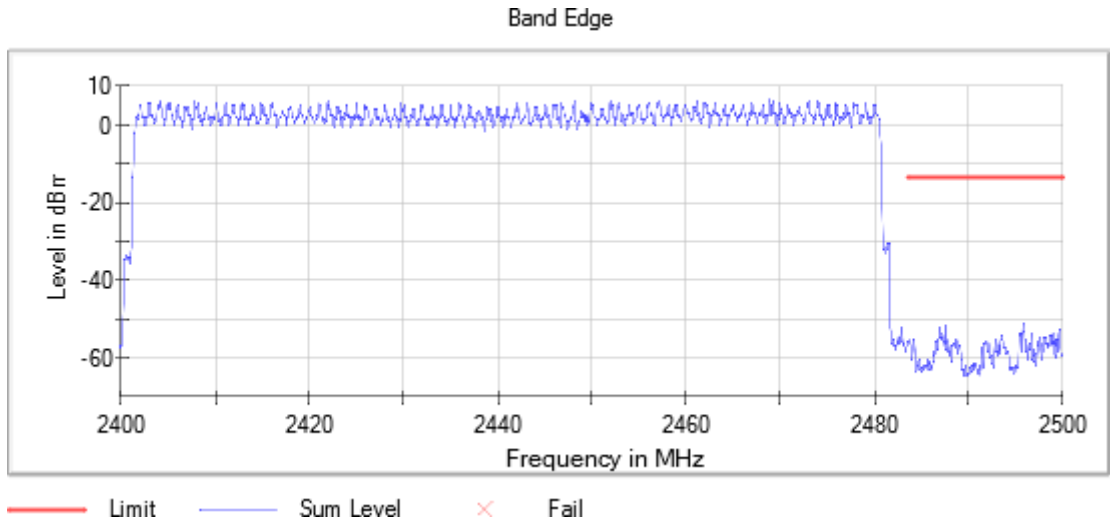
Operation Band MHz = [2400,
2483.5]

Equipment Type = Frequency Hopping Spread Spectrum systems
(FHSS)

Active Port = 1

Modulation = BT (Pi/4 DQPSK 2-DH5)

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	94.727 µs	AUTO
Reference Level	0.000 dBm	0.000 dBm
Attenuation	20.000 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	97 / 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 μ s	AUTO
Reference Level	0.000 dBm	0.000 dBm
Attenuation	20.000 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	137 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.00 dB	0.50 dB

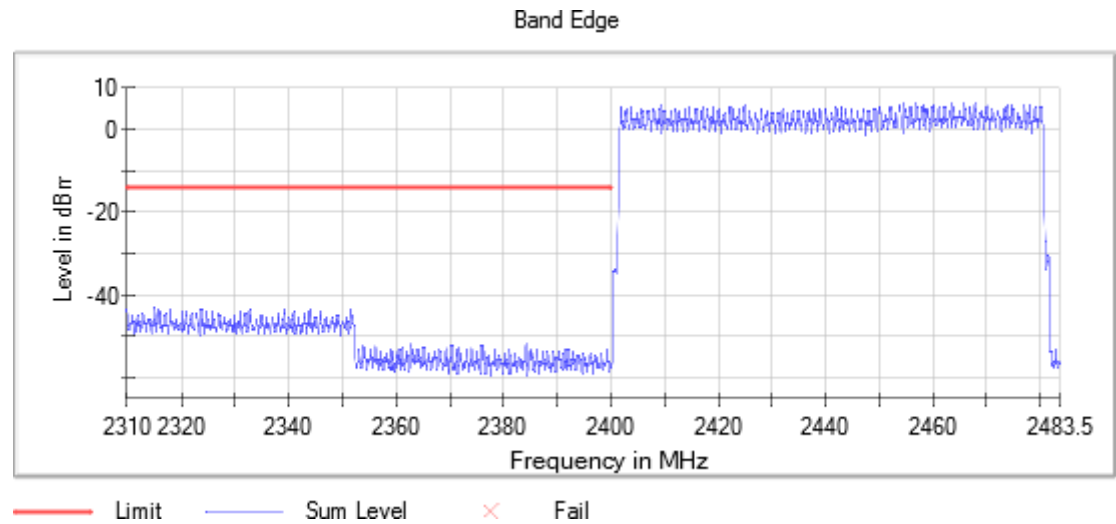
Operation Band MHz = [2400,
2483.5]

Equipment Type = Frequency Hopping Spread Spectrum systems
(FHSS)

Active Port = 1

Modulation = BT (Pi/4 DQPSK 2-DH5)

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	94.727 µs	AUTO
Reference Level	0.000 dBm	0.000 dBm
Attenuation	20.000 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	97 / 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	0.000 dBm	0.000 dBm
Attenuation	20.000 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	137 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.00 dB	0.50 dB

Operation Band MHz = [2400, 2483.5]

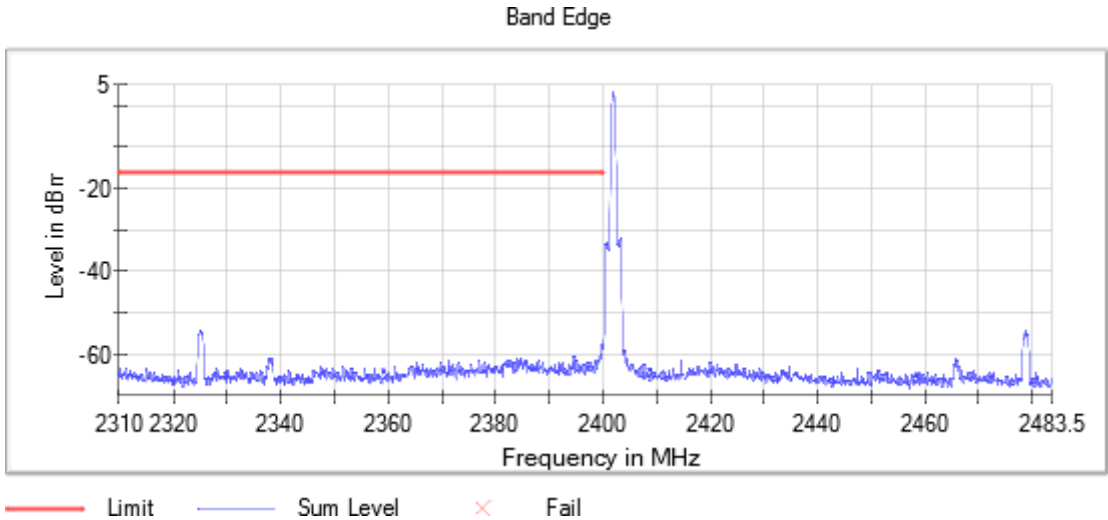
Equipment Type = Frequency Hopping Spread Spectrum systems (FHSS)

Frequency MHz = 2402.00000

Active Port = 1

Modulation = BT (Pi/4 DQPSK 2-DH5)

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	94.727 µs	AUTO
Reference Level	0.000 dBm	0.000 dBm
Attenuation	20.000 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	97 / 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 μ s	AUTO
Reference Level	0.000 dBm	0.000 dBm
Attenuation	20.000 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	137 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.00 dB	0.50 dB

Operation Band MHz = [2400, 2483.5]

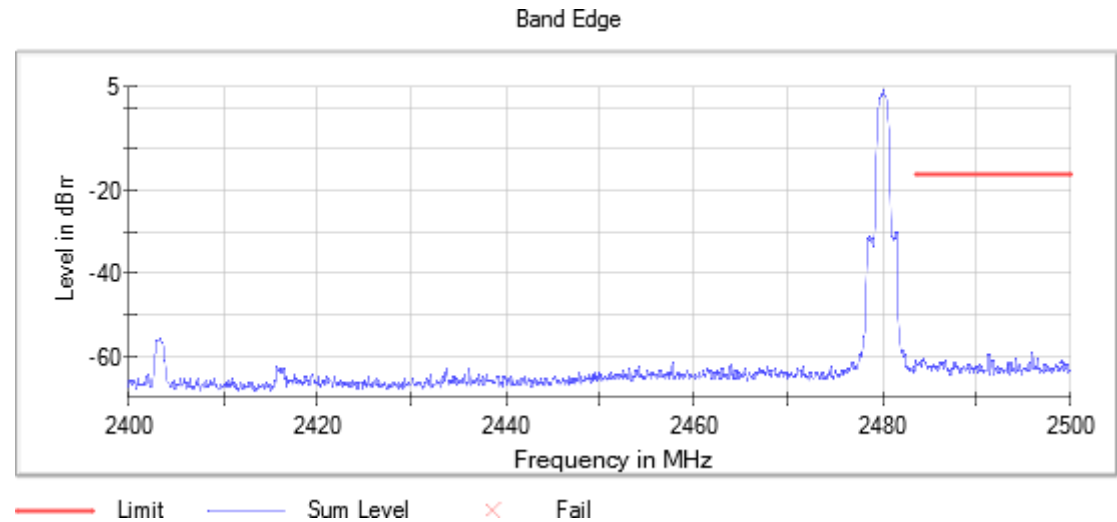
Frequency MHz = 2480.00000

Modulation = BT (Pi/4 DQPSK 2-DH5)

Equipment Type = Frequency Hopping Spread Spectrum systems (FHSS)

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	94.727 µs	AUTO
Reference Level	0.000 dBm	0.000 dBm
Attenuation	20.000 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	97 / 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	0.000 dBm	0.000 dBm
Attenuation	20.000 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	137 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.00 dB	0.50 dB

Modulation: BT (8DPSK 3-DH5)
Results

Operation Band (MHz)	Equipment	Freq (MHz)	Port	Inband Peak Lvl (dBm)	Freq (MHz)	Lvl (dBm)	
[2400, 2483.5]	Frequency Hopping Spread Spectrum systems (FHSS)	Hopping	1	6.400	2499.925000	-52.3	
				6.400	2311.175000	-42.8	
				6.400	2310.175000	-42.8	
				6.400	2499.875000	-52.8	
				6.400	2495.875000	-52.9	
				6.400	2316.175000	-42.9	
				6.400	2495.925000	-53.3	
				6.400	2318.175000	-43.1	
				6.400	2498.475000	-53.6	
				6.400	2317.175000	-43.2	
				6.400	2321.875000	-43.3	
				6.400	2498.425000	-53.6	
				6.400	2335.175000	-43.3	
				6.400	2485.925000	-53.7	
				6.400	2333.175000	-43.4	
				6.400	2498.725000	-53.8	
				6.400	2493.775000	-53.9	
				6.400	2313.175000	-43.4	
				6.400	2323.175000	-43.4	
				6.400	2485.875000	-54.0	
				6.400	2341.175000	-43.4	
				6.400	2485.725000	-54.1	
				6.400	2500.000000	-54.1	
				6.400	2344.175000	-43.4	
				6.400	2499.975000	-54.1	
				6.400	2351.175000	-43.5	
				6.400	2324.175000	-43.5	
				6.400	2493.925000	-54.1	
				6.400	2327.175000	-43.5	
				6.400	2498.775000	-54.1	
		2402.00000		3.700	2345.325000	-46.1	
				3.700	2345.275000	-46.5	
				3.700	2345.375000	-46.7	
				3.700	2343.525000	-47.5	
				3.700	2341.125000	-47.6	
				3.700	2342.775000	-47.8	
				3.700	2342.825000	-47.9	
				3.700	2342.725000	-48.1	

Operation Band (MHz)	Equipment	Freq (MHz)	Port	Inband Peak Lvl (dBm)	Freq (MHz)	Lvl (dBm)	
				3.700	2341.175000	-48.3	
				3.700	2343.575000	-48.4	
				3.700	2343.475000	-48.4	
				3.700	2341.475000	-48.7	
				3.700	2341.425000	-48.7	
				3.700	2339.425000	-48.9	
				3.700	2345.425000	-48.9	
		2480.00000		4.000	2483.575000	-59.4	
				4.000	2483.525000	-59.7	
				4.000	2485.025000	-59.7	
				4.000	2485.075000	-59.8	
				4.000	2483.625000	-60.4	
				4.000	2487.125000	-60.5	
				4.000	2487.075000	-60.5	
				4.000	2487.775000	-60.8	
				4.000	2487.575000	-60.8	
				4.000	2485.125000	-60.8	
				4.000	2484.075000	-60.9	
				4.000	2487.725000	-61.0	
				4.000	2487.625000	-61.0	
				4.000	2484.975000	-61.0	
				4.000	2496.875000	-61.1	

Verdict

Pass

Attachments

Operation Band MHz = [2400, 2483.5]

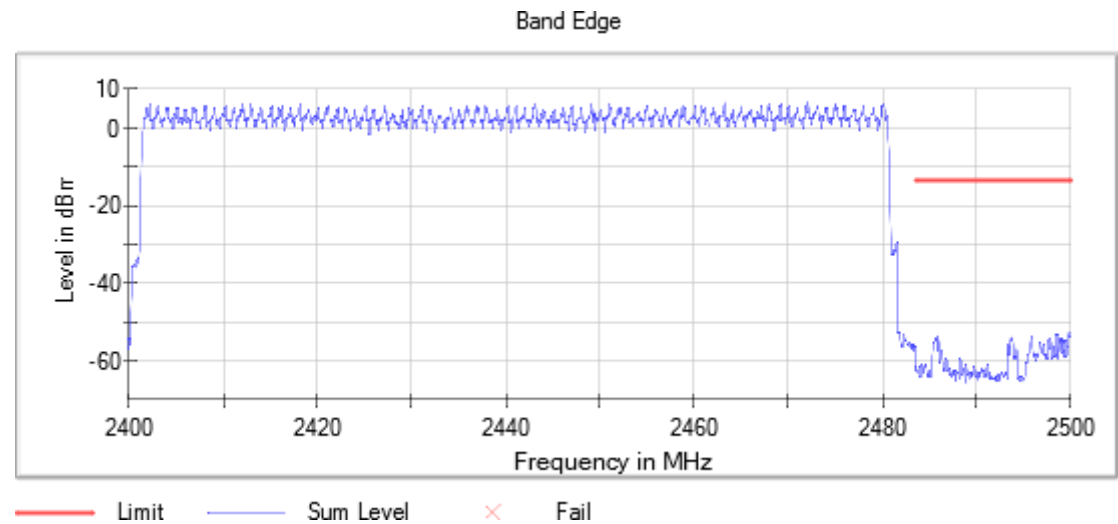
Equipment Type = Frequency Hopping Spread Spectrum systems (FHSS)

Frequency MHz = 0.00000

Active Port = 1

Modulation = BT (8DPSK 3-DH5)

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	94.727 µs	AUTO
Reference Level	0.000 dBm	0.000 dBm
Attenuation	20.000 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	120 / 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	0.000 dBm	0.000 dBm
Attenuation	20.000 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	134 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.00 dB	0.50 dB

Operation Band MHz = [2400, 2483.5]

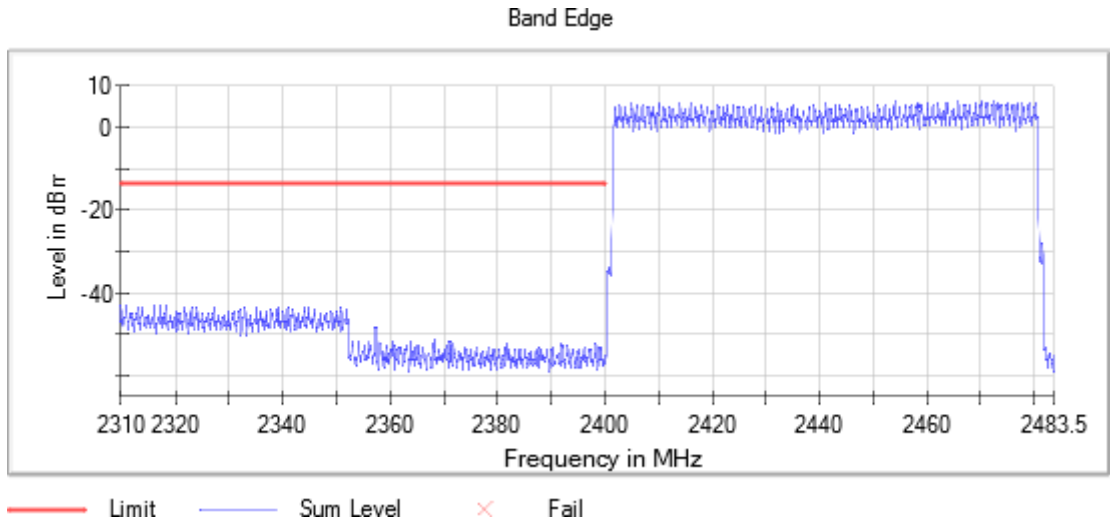
Equipment Type = Frequency Hopping Spread Spectrum systems (FHSS)

Frequency MHz = 0.00000

Active Port = 1

Modulation = BT (8DPSK 3-DH5)

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	94.727 µs	AUTO
Reference Level	0.000 dBm	0.000 dBm
Attenuation	20.000 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	120 / 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	0.000 dBm	0.000 dBm
Attenuation	20.000 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	134 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.00 dB	0.50 dB

Operation Band MHz = [2400, 2483.5]

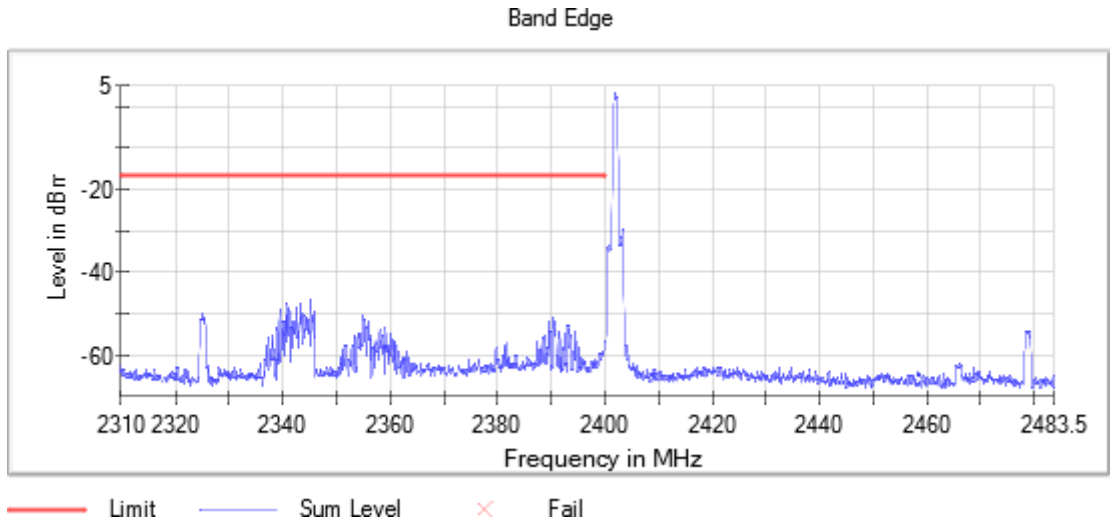
Equipment Type = Frequency Hopping Spread Spectrum systems (FHSS)

Frequency MHz = 2402.00000

Active Port = 1

Modulation = BT (8DPSK 3-DH5)

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	94.727 µs	AUTO
Reference Level	0.000 dBm	0.000 dBm
Attenuation	20.000 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	120 / 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	0.000 dBm	0.000 dBm
Attenuation	20.000 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	134 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.00 dB	0.50 dB

Operation Band MHz = [2400,
2483.5]

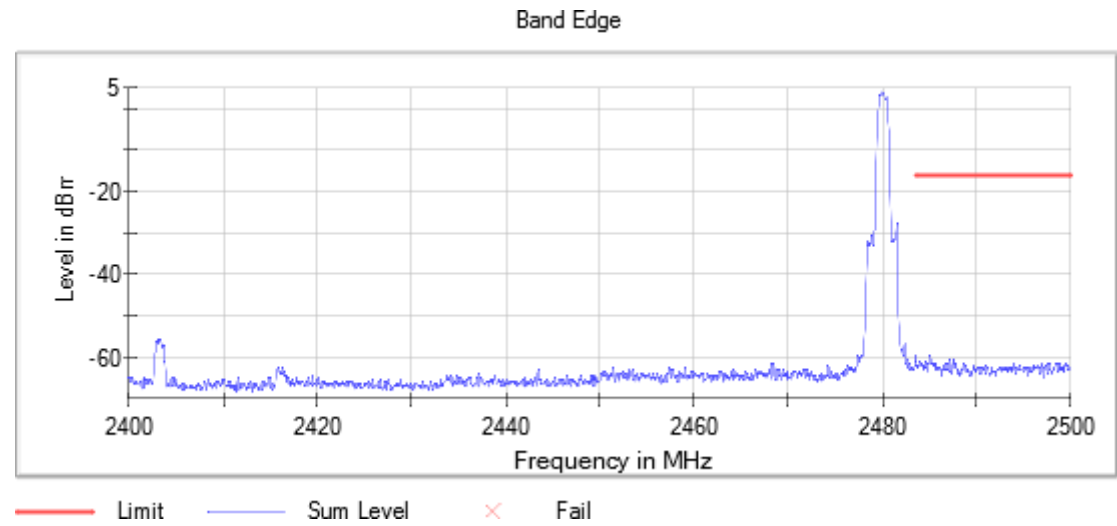
Equipment Type = Frequency Hopping Spread Spectrum systems
(FHSS)

Frequency MHz = 2480.00000

Active Port = 1

Modulation = BT (8DPSK 3-DH5)

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	94.727 µs	AUTO
Reference Level	0.000 dBm	0.000 dBm
Attenuation	20.000 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	120 / 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	0.000 dBm	0.000 dBm
Attenuation	20.000 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	134 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.00 dB	0.50 dB

Modulation: 802.11b (DSSS 11 Mbit/s)

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	1	0.200	2314.875000	-35.5
				0.200	2310.675000	-35.8
				0.200	2386.375000	-35.9
				0.200	2310.625000	-35.9
				0.200	2350.775000	-36.0
				0.200	2314.925000	-36.1
				0.200	2380.275000	-36.2
				0.200	2386.425000	-36.2
				0.200	2380.225000	-36.3
				0.200	2324.075000	-36.3
				0.200	2335.225000	-36.4
				0.200	2327.275000	-36.4
				0.200	2310.225000	-36.4
				0.200	2343.575000	-36.4
				0.200	2354.275000	-36.4
			2	-1.200	2399.425000	-45.8
				-1.200	2373.175000	-46.0
				-1.200	2310.125000	-46.0
				-1.200	2360.725000	-46.1
				-1.200	2368.775000	-46.1
				-1.200	2318.825000	-46.1
				-1.200	2312.575000	-46.1
				-1.200	2318.875000	-46.2
				-1.200	2310.075000	-46.2
				-1.200	2399.475000	-46.3
				-1.200	2373.225000	-46.3
				-1.200	2312.625000	-46.3
				-1.200	2388.075000	-46.4
				-1.200	2364.375000	-46.4
				-1.200	2325.575000	-46.4
		2462.00000	1	1.300	2487.875000	-36.1
				1.300	2491.475000	-36.4
				1.300	2489.975000	-36.4
				1.300	2484.475000	-36.5
				1.300	2497.925000	-36.5
				1.300	2487.925000	-36.6
				1.300	2491.425000	-36.6
				1.300	2483.525000	-36.7

Operation Band (MHz)	Equipment	Freq (MHz)	Port	Inband Peak Lvl (dBm)	Freq (MHz)	Lvl (dBm)
		2412.00000		1.300	2484.425000	-36.7
				1.300	2486.025000	-36.7
				1.300	2489.875000	-36.7
				1.300	2497.875000	-36.8
				1.300	2487.825000	-36.8
				1.300	2486.075000	-36.8
				1.300	2493.075000	-36.8
			2	-0.100	2499.925000	-44.6
				-0.100	2500.000000	-44.7
				-0.100	2499.975000	-44.7
				-0.100	2499.875000	-45.0
				-0.100	2483.825000	-45.8
				-0.100	2483.875000	-45.9
				-0.100	2485.675000	-45.9
				-0.100	2485.875000	-45.9
				-0.100	2485.925000	-46.0
				-0.100	2486.575000	-46.0
				-0.100	2485.625000	-46.0
				-0.100	2486.625000	-46.1
				-0.100	2495.125000	-46.1
				-0.100	2483.775000	-46.1
				-0.100	2486.425000	-46.1
		2462.00000	1+2	0.500	2327.325000	-35.5
				0.500	2325.975000	-35.5
				0.500	2320.925000	-35.6
				0.500	2325.925000	-35.6
				0.500	2325.775000	-35.7
				0.500	2327.275000	-35.7
				0.500	2335.575000	-35.7
				0.500	2320.875000	-35.8
				0.500	2351.425000	-35.9
				0.500	2335.525000	-35.9
				0.500	2320.425000	-35.9
				0.500	2321.725000	-36.0
				0.500	2351.475000	-36.0
				0.500	2319.225000	-36.1
				0.500	2382.475000	-36.1
				1.600	2489.325000	-35.4
				1.600	2489.275000	-35.5
				1.600	2484.775000	-35.9

Operation Band (MHz)	Equipment	Freq (MHz)	Port	Inband Peak Lvl (dBm)	Freq (MHz)	Lvl (dBm)
				1.600	2490.675000	-35.9
				1.600	2490.725000	-35.9
				1.600	2483.625000	-36.0
				1.600	2483.575000	-36.0
				1.600	2489.375000	-36.1
				1.600	2494.275000	-36.1
				1.600	2498.925000	-36.1
				1.600	2484.875000	-36.2
				1.600	2484.175000	-36.2
				1.600	2484.825000	-36.2
				1.600	2484.925000	-36.3
				1.600	2498.875000	-36.3

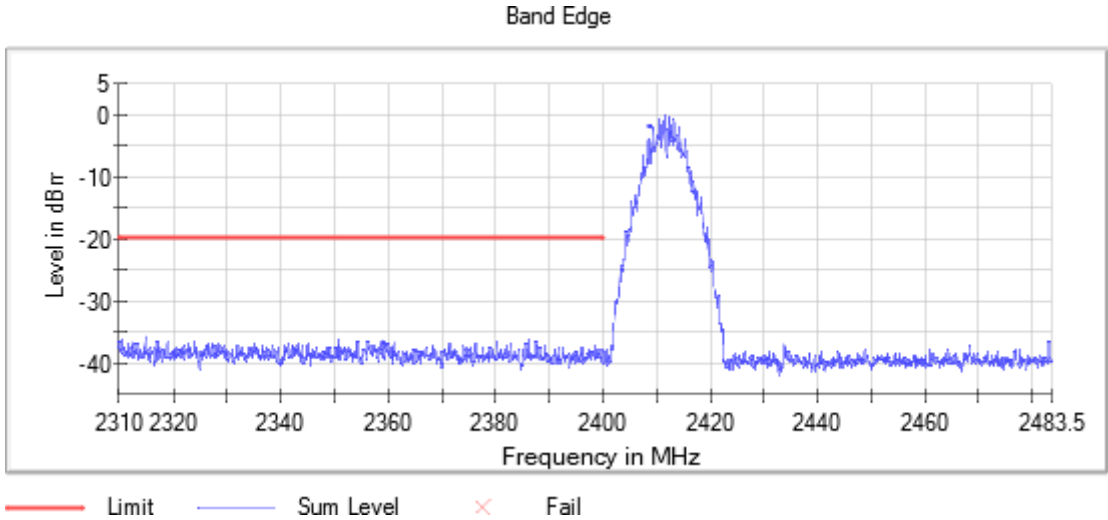
Verdict

Pass

Attachments

Operation Band MHz = [2400, 2483.5] Equipment Type = Digital Transmission System (DTS)
Frequency MHz = 2412.00000 Active Port = 1
Modulation = 802.11b (DSSS 11 Mbit/s)

Images:



Tables:

Spectrum Analyzer Parameters 1

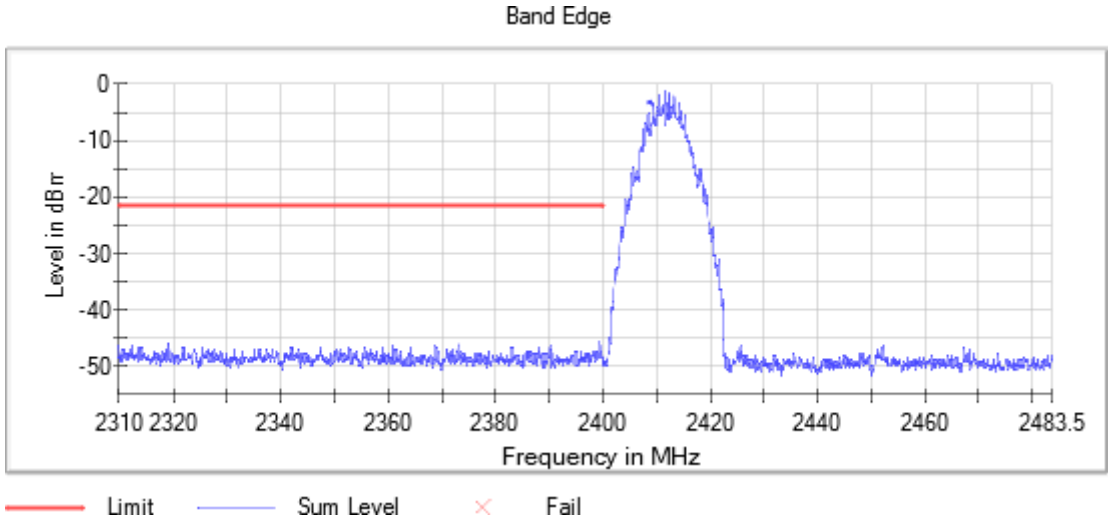
Setting	Instrument Value	Target Value
Start Frequency	2.31000 GHz	2.31000 GHz
Stop Frequency	2.40000 GHz	2.40000 GHz
Span	90.000 MHz	90.000 MHz
RBW	100.000 kHz	<= 100.000 kHz
VBW	300.000 kHz	>= 300.000 kHz
SweepPoints	1800	~ 1800
SweepTime	113.672 µs	AUTO
Reference Level	20.000 dBm	20.000 dBm
Attenuation	40.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	AUTO
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 μ s	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
Preamplifier	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	0.00 dB	0.50 dB

Operation Band MHz = [2400, 2483.5] Equipment Type = Digital Transmission System (DTS)
Frequency MHz = 2412.00000 Active Port = 2
Modulation = 802.11b (DSSS 11 Mbit/s)

Images:



Tables:

Spectrum Analyzer Parameters 1

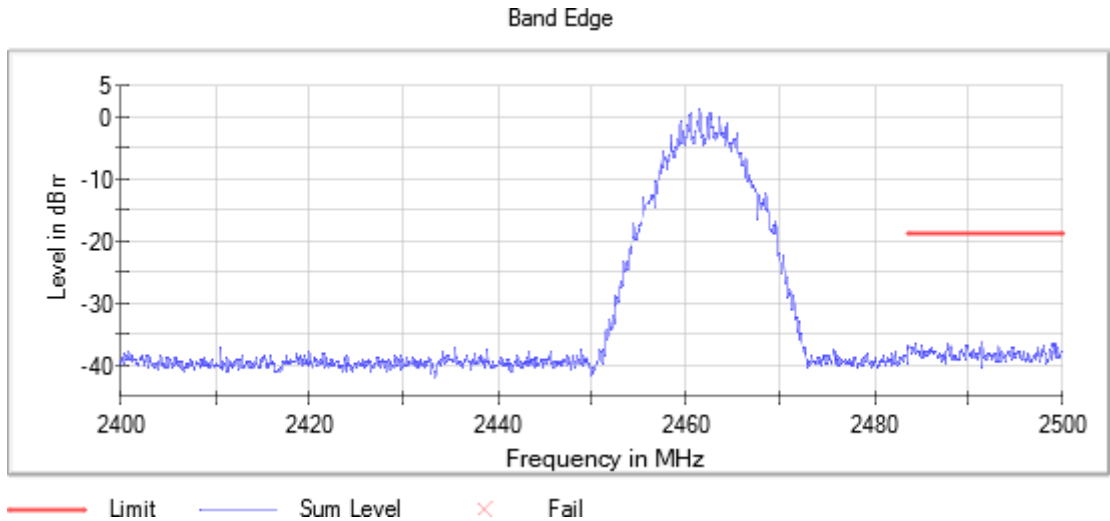
Setting	Instrument Value	Target Value
Start Frequency	2.31000 GHz	2.31000 GHz
Stop Frequency	2.40000 GHz	2.40000 GHz
Span	90.000 MHz	90.000 MHz
RBW	100.000 kHz	<= 100.000 kHz
VBW	300.000 kHz	>= 300.000 kHz
SweepPoints	1800	~ 1800
SweepTime	113.672 µs	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	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
Preamplifier	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	13 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.20 dB	0.50 dB

Operation Band MHz = [2400, 2483.5] Equipment Type = Digital Transmission System (DTS)
Frequency MHz = 2462.00000 Active Port = 1
Modulation = 802.11b (DSSS 11 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	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
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

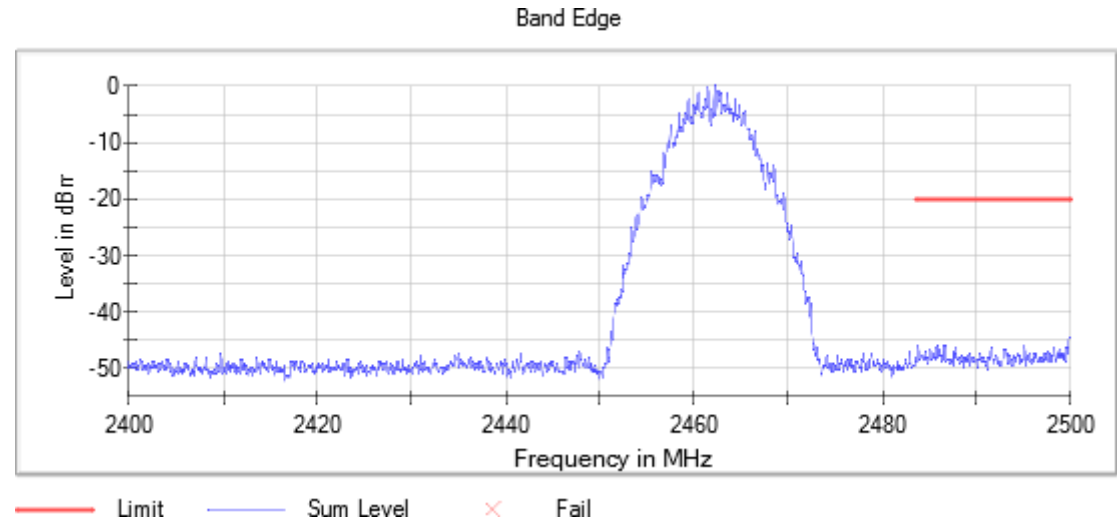
Setting	Instrument Value	Target Value
Start Frequency	2.40000 GHz	2.40000 GHz
Stop Frequency	2.48350 GHz	2.48350 GHz
Span	83.500 MHz	83.500 MHz
RBW	100.000 kHz	<= 100.000 kHz
VBW	300.000 kHz	>= 300.000 kHz
SweepPoints	1670	~ 1670
SweepTime	94.727 µs	AUTO
Reference Level	20.000 dBm	20.000 dBm
Attenuation	40.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	AUTO
Preamplifier	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	0.00 dB	0.50 dB

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

Frequency MHz = 2462.00000 Active Port = 2

Modulation = 802.11b (DSSS 11 Mbit/s)

Images:



Tables:

Spectrum Analyzer Parameters 1

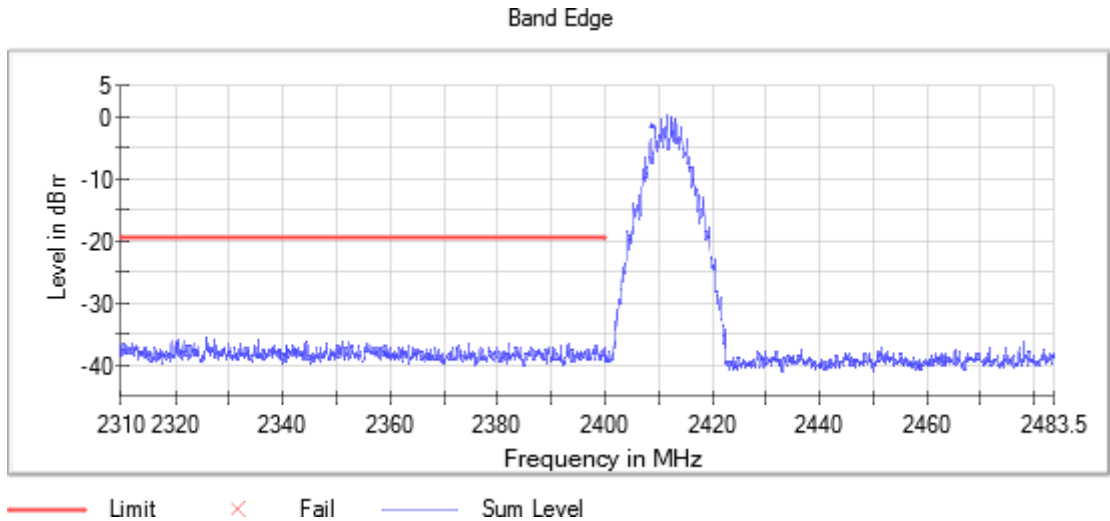
Setting	Instrument Value	Target Value
Start Frequency	2.31000 GHz	2.31000 GHz
Stop Frequency	2.40000 GHz	2.40000 GHz
Span	90.000 MHz	90.000 MHz
RBW	100.000 kHz	<= 100.000 kHz
VBW	300.000 kHz	>= 300.000 kHz
SweepPoints	1800	~ 1800
SweepTime	113.672 µs	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	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 μ s	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	13 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.20 dB	0.50 dB

Operation Band MHz = [2400, 2483.5] Equipment Type = Digital Transmission System (DTS)
Frequency MHz = 2412.00000 Active Port = 1+2
Modulation = 802.11b (DSSS 11 Mbit/s)

Images:



Tables:

Spectrum Analyzer Parameters 1

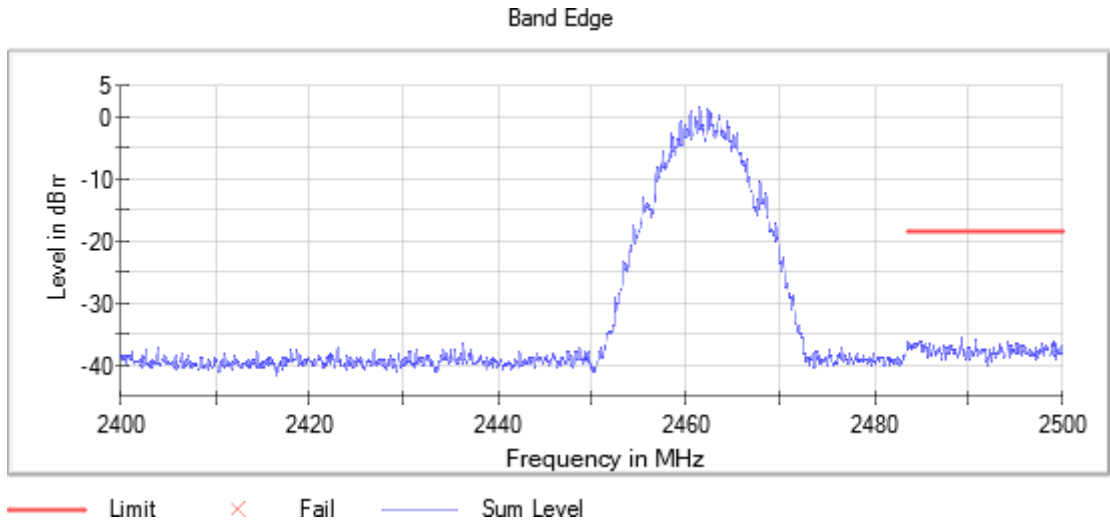
Setting	Instrument Value	Target Value
Start Frequency	2.31000 GHz	2.31000 GHz
Stop Frequency	2.40000 GHz	2.40000 GHz
Span	90.000 MHz	90.000 MHz
RBW	100.000 kHz	<= 100.000 kHz
VBW	300.000 kHz	>= 300.000 kHz
SweepPoints	1800	~ 1800
SweepTime	113.672 µs	AUTO
Reference Level	20.000 dBm	20.000 dBm
Attenuation	40.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	AUTO
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 μ s	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
Preamplifier	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	10 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.49 dB	0.50 dB

Operation Band MHz = [2400, 2483.5] Equipment Type = Digital Transmission System (DTS)
Frequency MHz = 2462.00000 Active Port = 1+2
Modulation = 802.11b (DSSS 11 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	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
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 μ s	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
Preamplifier	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	10 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.49 dB	0.50 dB

Modulation: 802.11g (OFDM 54 Mbit/s)

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	1	-2.300	2399.925000	-30.4
				-2.300	2399.875000	-30.4
				-2.300	2399.575000	-30.4
				-2.300	2399.175000	-30.6
				-2.300	2399.125000	-31.1
				-2.300	2398.575000	-31.1
				-2.300	2399.525000	-31.1
				-2.300	2399.225000	-31.1
				-2.300	2397.575000	-31.1
				-2.300	2397.525000	-31.1
				-2.300	2399.825000	-31.2
				-2.300	2399.775000	-31.2
				-2.300	2399.625000	-31.2
				-2.300	2398.625000	-31.4
				-2.300	2399.325000	-31.6
		2412.00000	2	-3.400	2399.575000	-32.8
				-3.400	2399.525000	-32.9
				-3.400	2399.975000	-33.5
				-3.400	2399.475000	-33.5
				-3.400	2399.875000	-33.9
				-3.400	2399.825000	-34.0
				-3.400	2399.425000	-34.2
				-3.400	2399.725000	-34.4
				-3.400	2399.775000	-34.5
				-3.400	2399.325000	-34.5
				-3.400	2399.625000	-34.6
				-3.400	2399.925000	-34.7
				-3.400	2399.275000	-34.8
				-3.400	2399.675000	-35.0
				-3.400	2398.825000	-35.1
		2462.00000	1	-1.500	2483.825000	-34.4
				-1.500	2484.375000	-34.4
				-1.500	2483.525000	-34.5
				-1.500	2484.425000	-34.6
				-1.500	2483.575000	-34.9
				-1.500	2483.875000	-35.0
				-1.500	2485.175000	-35.3
				-1.500	2483.625000	-35.3

Operation Band (MHz)	Equipment	Freq (MHz)	Port	Inband Peak Lvl (dBm)	Freq (MHz)	Lvl (dBm)
		2412.00000		-1.500	2488.225000	-35.3
				-1.500	2488.275000	-35.3
				-1.500	2483.675000	-35.4
				-1.500	2483.775000	-35.4
				-1.500	2484.325000	-35.5
				-1.500	2485.125000	-35.7
				-1.500	2483.925000	-35.9
			2	-3.000	2483.625000	-42.3
				-3.000	2483.575000	-42.4
				-3.000	2483.525000	-42.5
				-3.000	2484.725000	-43.0
				-3.000	2484.275000	-43.1
				-3.000	2484.775000	-43.1
				-3.000	2484.225000	-43.2
				-3.000	2484.175000	-43.6
				-3.000	2483.975000	-43.7
				-3.000	2483.875000	-43.9
				-3.000	2483.825000	-43.9
				-3.000	2483.675000	-44.0
				-3.000	2486.175000	-44.1
				-3.000	2483.925000	-44.1
				-3.000	2484.875000	-44.2
		2462.00000	1+2	0.300	2399.875000	-28.6
				0.300	2399.825000	-28.6
				0.300	2399.375000	-28.9
				0.300	2399.325000	-28.9
				0.300	2399.775000	-29.0
				0.300	2399.725000	-29.1
				0.300	2399.425000	-29.2
				0.300	2399.975000	-29.3
				0.300	2399.925000	-29.3
				0.300	2399.275000	-29.4
				0.300	2399.675000	-30.0
				0.300	2399.525000	-30.0
				0.300	2398.375000	-30.0
				0.300	2400.000000	-30.1
				0.300	2399.475000	-30.1
				1.200	2483.575000	-33.1
				1.200	2484.225000	-33.4
				1.200	2484.175000	-33.4

Operation Band (MHz)	Equipment	Freq (MHz)	Port	Inband Peak Lvl (dBm)	Freq (MHz)	Lvl (dBm)
				1.200	2483.525000	-33.4
				1.200	2483.875000	-33.5
				1.200	2483.775000	-33.5
				1.200	2484.875000	-33.6
				1.200	2483.625000	-33.8
				1.200	2484.825000	-33.9
				1.200	2483.825000	-33.9
				1.200	2483.925000	-33.9
				1.200	2483.725000	-34.1
				1.200	2483.675000	-34.4
				1.200	2484.925000	-34.4
				1.200	2484.275000	-34.6

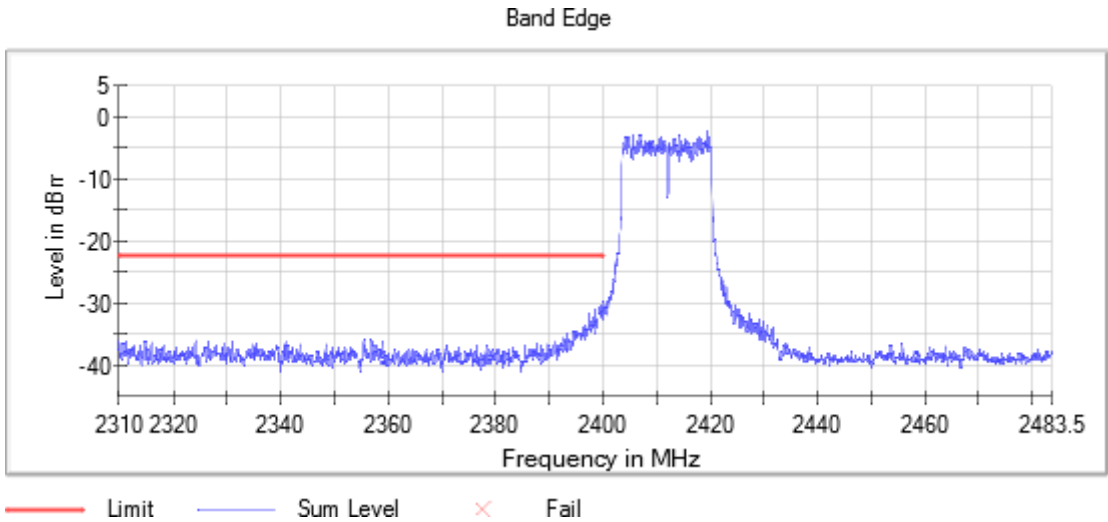
Verdict

Pass

Attachments

Operation Band MHz = [2400, 2483.5] Equipment Type = Digital Transmission System (DTS)
Frequency MHz = 2412.00000 Active Port = 1
Modulation = 802.11g (OFDM 54 Mbit/s)

Images:



Tables:

Spectrum Analyzer Parameters 1

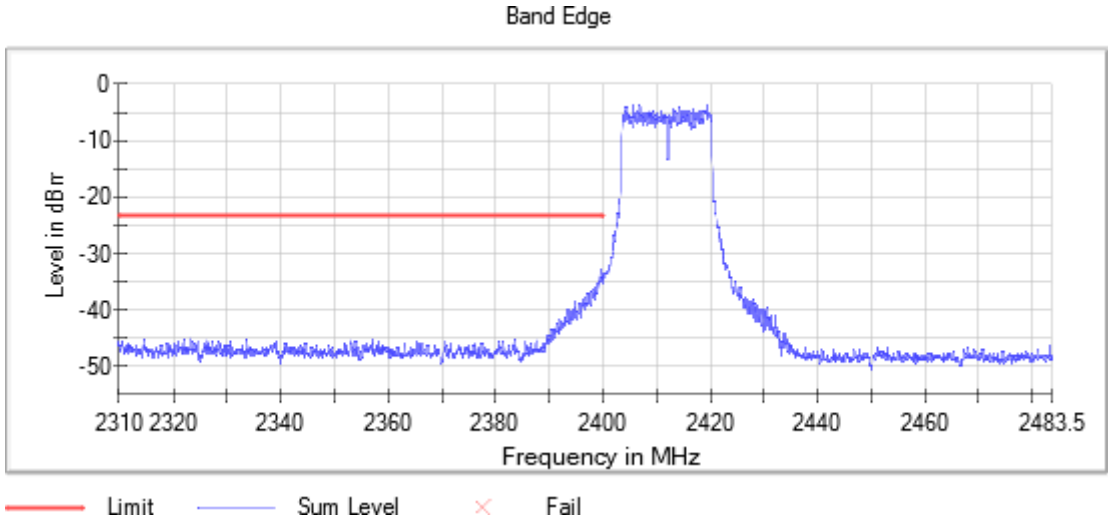
Setting	Instrument Value	Target Value
Start Frequency	2.31000 GHz	2.31000 GHz
Stop Frequency	2.40000 GHz	2.40000 GHz
Span	90.000 MHz	90.000 MHz
RBW	100.000 kHz	<= 100.000 kHz
VBW	300.000 kHz	>= 300.000 kHz
SweepPoints	1800	~ 1800
SweepTime	113.672 µs	AUTO
Reference Level	20.000 dBm	20.000 dBm
Attenuation	40.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	AUTO
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	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
Preamplifier	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	72 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.29 dB	0.50 dB

Operation Band MHz = [2400, 2483.5] Equipment Type = Digital Transmission System (DTS)
Frequency MHz = 2412.00000 Active Port = 2
Modulation = 802.11g (OFDM 54 Mbit/s)

Images:



Tables:

Spectrum Analyzer Parameters 1

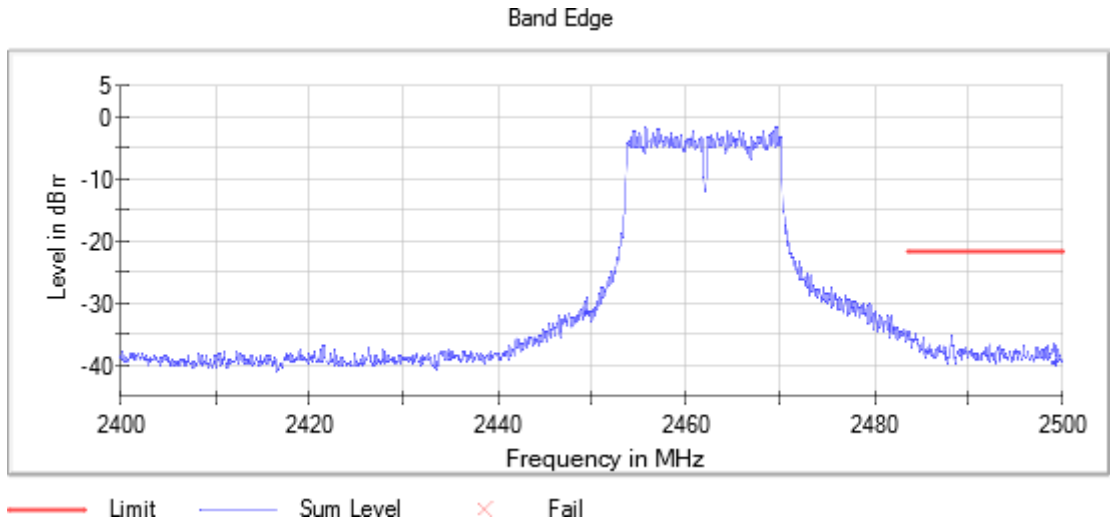
Setting	Instrument Value	Target Value
Start Frequency	2.31000 GHz	2.31000 GHz
Stop Frequency	2.40000 GHz	2.40000 GHz
Span	90.000 MHz	90.000 MHz
RBW	100.000 kHz	<= 100.000 kHz
VBW	300.000 kHz	>= 300.000 kHz
SweepPoints	1800	~ 1800
SweepTime	113.672 µs	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	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	26 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.19 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
Preamplifier	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	79 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.20 dB	0.50 dB

Operation Band MHz = [2400, 2483.5] Equipment Type = Digital Transmission System (DTS)
Frequency MHz = 2462.00000 Active Port = 1
Modulation = 802.11g (OFDM 54 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	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
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

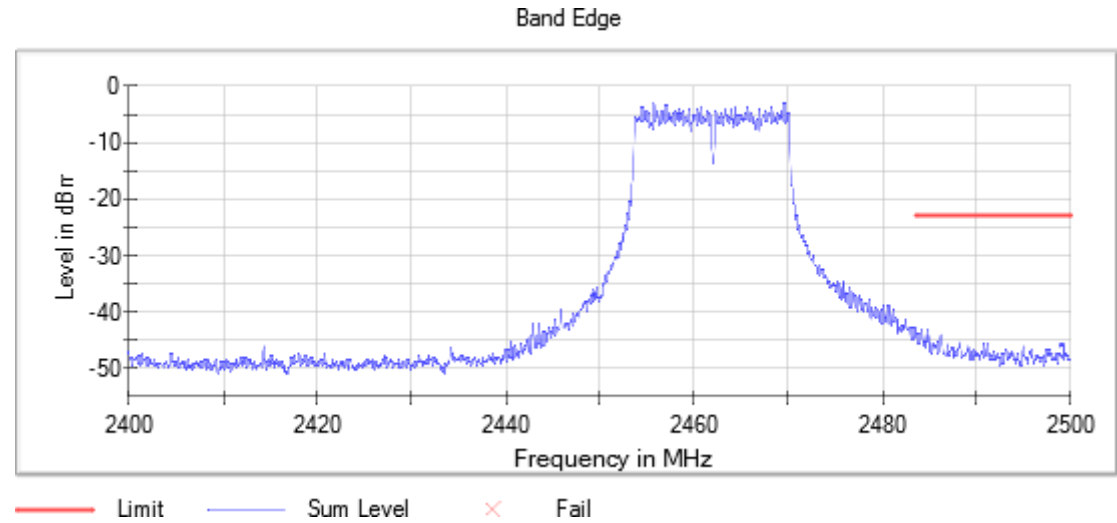
Setting	Instrument Value	Target Value
Start Frequency	2.40000 GHz	2.40000 GHz
Stop Frequency	2.48350 GHz	2.48350 GHz
Span	83.500 MHz	83.500 MHz
RBW	100.000 kHz	<= 100.000 kHz
VBW	300.000 kHz	>= 300.000 kHz
SweepPoints	1670	~ 1670
Sweeptime	94.727 µs	AUTO
Reference Level	20.000 dBm	20.000 dBm
Attenuation	40.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	AUTO
Preamplifier	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	72 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.29 dB	0.50 dB

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

Frequency MHz = 2462.00000Active Port = 2

Modulation = 802.11g (OFDM 54 Mbit/s)

Images:



Tables:

Spectrum Analyzer Parameters 1

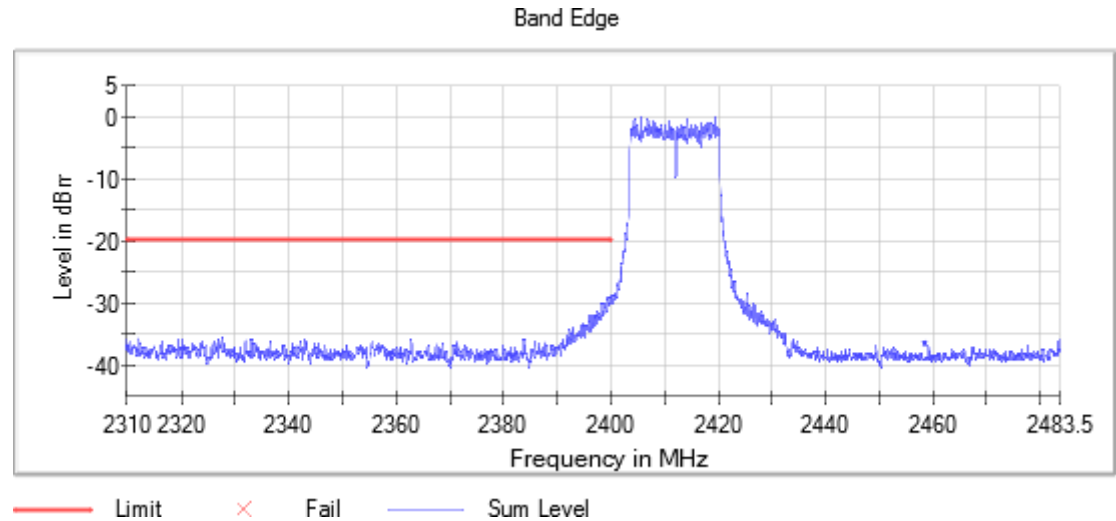
Setting	Instrument Value	Target Value
Start Frequency	2.31000 GHz	2.31000 GHz
Stop Frequency	2.40000 GHz	2.40000 GHz
Span	90.000 MHz	90.000 MHz
RBW	100.000 kHz	<= 100.000 kHz
VBW	300.000 kHz	>= 300.000 kHz
SweepPoints	1800	~ 1800
SweepTime	113.672 µs	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	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	26 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.19 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
Preamplifier	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	79 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.20 dB	0.50 dB

Operation Band MHz = [2400, 2483.5] Equipment Type = Digital Transmission System (DTS)
Frequency MHz = 2412.00000 Active Port = 1+2
Modulation = 802.11g (OFDM 54 Mbit/s)

Images:



Tables:

Spectrum Analyzer Parameters 1

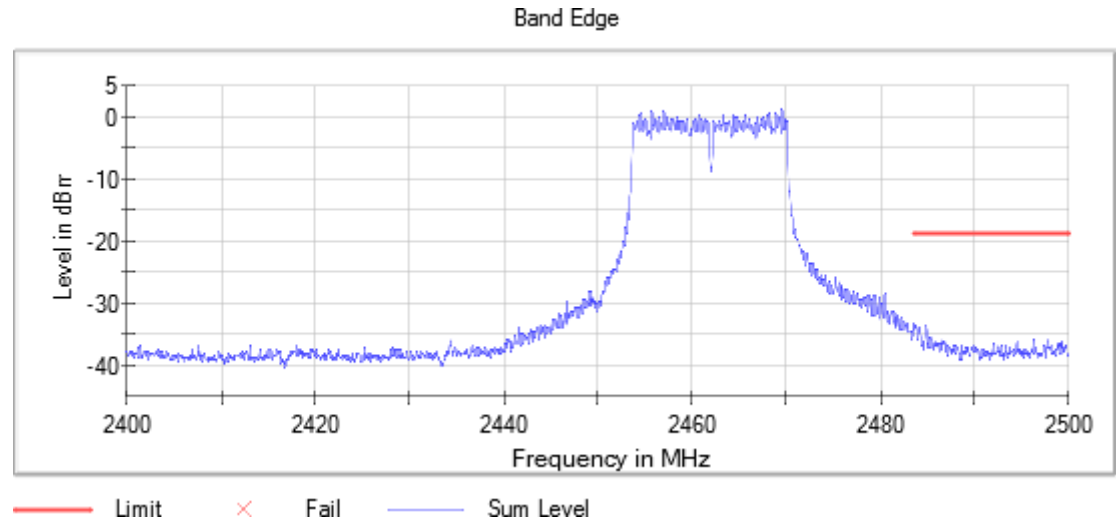
Setting	Instrument Value	Target Value
Start Frequency	2.31000 GHz	2.31000 GHz
Stop Frequency	2.40000 GHz	2.40000 GHz
Span	90.000 MHz	90.000 MHz
RBW	100.000 kHz	<= 100.000 kHz
VBW	300.000 kHz	>= 300.000 kHz
SweepPoints	1800	~ 1800
SweepTime	113.672 µs	AUTO
Reference Level	20.000 dBm	20.000 dBm
Attenuation	40.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	AUTO
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	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
Preamplifier	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	52 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.20 dB	0.50 dB

Operation Band MHz = [2400, 2483.5] Equipment Type = Digital Transmission System (DTS)
Frequency MHz = 2462.00000 Active Port = 1+2
Modulation = 802.11g (OFDM 54 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	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
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
Sweptime	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
Preamplifier	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	52 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.20 dB	0.50 dB

Modulation: 802.11n HT20 (OFDM MCS0)

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	1	-1.500	2399.875000	-32.0
				-1.500	2399.825000	-32.2
				-1.500	2399.775000	-32.2
				-1.500	2399.625000	-32.3
				-1.500	2399.675000	-32.5
				-1.500	2399.475000	-32.8
				-1.500	2399.725000	-32.8
				-1.500	2399.975000	-32.8
				-1.500	2399.575000	-32.9
				-1.500	2399.225000	-32.9
				-1.500	2399.275000	-32.9
				-1.500	2400.000000	-33.0
				-1.500	2399.175000	-33.1
				-1.500	2398.525000	-33.2
				-1.500	2399.425000	-33.2
		2412.00000	2	-2.000	2399.775000	-34.3
				-2.000	2399.725000	-34.4
				-2.000	2399.825000	-34.9
				-2.000	2399.675000	-35.7
				-2.000	2399.875000	-36.2
				-2.000	2399.475000	-36.6
				-2.000	2399.525000	-36.7
				-2.000	2399.575000	-36.8
				-2.000	2399.925000	-37.0
				-2.000	2399.975000	-37.4
				-2.000	2399.625000	-37.8
				-2.000	2400.000000	-37.9
				-2.000	2399.125000	-38.1
				-2.000	2399.225000	-38.4
				-2.000	2399.275000	-38.4
		2462.00000	1	-0.600	2484.175000	-34.2
				-0.600	2484.125000	-34.2
				-0.600	2483.675000	-35.6
				-0.600	2485.725000	-35.6
				-0.600	2484.075000	-35.7
				-0.600	2485.775000	-35.7
				-0.600	2483.725000	-35.9
				-0.600	2484.775000	-35.9

Operation Band (MHz)	Equipment	Freq (MHz)	Port	Inband Peak Lvl (dBm)	Freq (MHz)	Lvl (dBm)	
				-0.600	2484.825000	-35.9	
				-0.600	2483.975000	-36.0	
				-0.600	2499.725000	-36.1	
				-0.600	2484.025000	-36.1	
				-0.600	2483.525000	-36.2	
				-0.600	2499.675000	-36.2	
				-0.600	2498.075000	-36.3	
			2	-1.100	2484.675000	-45.1	
				-1.100	2484.725000	-45.1	
				-1.100	2484.825000	-45.4	
				-1.100	2484.875000	-45.4	
				-1.100	2485.525000	-45.5	
				-1.100	2486.575000	-45.5	
				-1.100	2486.625000	-45.5	
				-1.100	2485.575000	-45.5	
				-1.100	2488.625000	-45.8	
				-1.100	2487.575000	-45.9	
				-1.100	2484.925000	-46.0	
				-1.100	2495.875000	-46.0	
				-1.100	2489.275000	-46.0	
				-1.100	2484.775000	-46.0	
				-1.100	2489.225000	-46.1	
		2412.00000	1+2	-0.400	2399.925000	-32.6	
				-0.400	2399.875000	-32.6	
				-0.400	2399.975000	-33.2	
				-0.400	2399.825000	-33.3	
				-0.400	2399.775000	-34.2	
				-0.400	2399.275000	-34.2	
				-0.400	2399.375000	-34.3	
				-0.400	2399.425000	-34.4	
				-0.400	2399.725000	-34.4	
				-0.400	2399.325000	-34.5	
				-0.400	2399.225000	-34.5	
				-0.400	2399.525000	-34.5	
				-0.400	2400.000000	-34.5	
				-0.400	2399.475000	-34.6	
				-0.400	2398.225000	-34.6	
				2462.00000	0.700	2496.625000	-35.7
					0.700	2483.825000	-35.7
					0.700	2496.675000	-35.8

Operation Band (MHz)	Equipment	Freq (MHz)	Port	Inband Peak Lvl (dBm)	Freq (MHz)	Lvl (dBm)
				0.700	2483.775000	-35.9
				0.700	2484.525000	-36.0
				0.700	2498.075000	-36.0
				0.700	2483.975000	-36.0
				0.700	2498.025000	-36.1
				0.700	2485.375000	-36.2
				0.700	2484.575000	-36.2
				0.700	2485.825000	-36.2
				0.700	2497.625000	-36.3
				0.700	2483.875000	-36.3
				0.700	2484.075000	-36.3
				0.700	2483.925000	-36.3

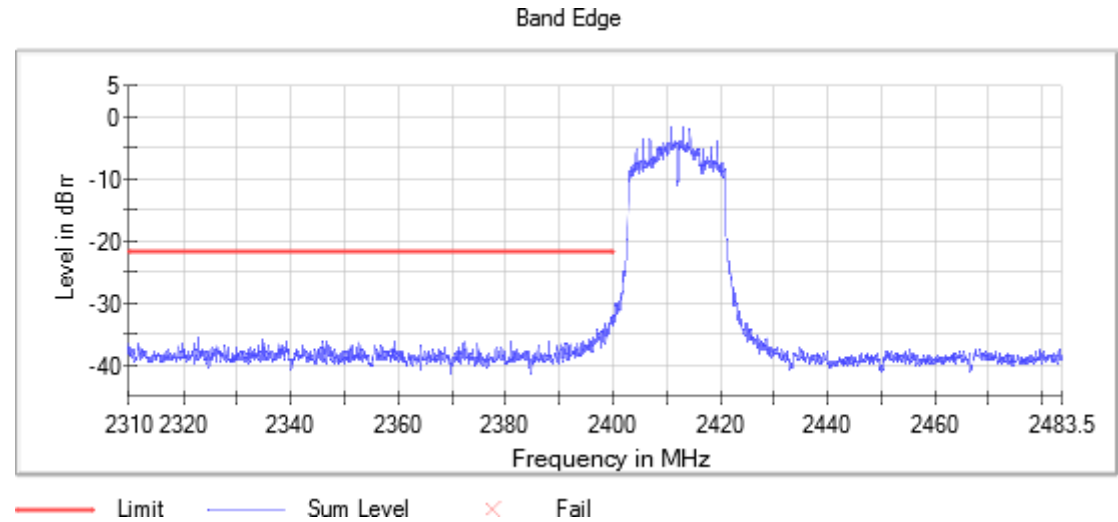
Verdict

Pass

Attachments

Operation Band MHz = [2400, 2483.5] Equipment Type = Digital Transmission System (DTS)
Frequency MHz = 2412.00000 Active Port = 1
Modulation = 802.11n HT20 (OFDM MCS0)

Images:



Tables:

Spectrum Analyzer Parameters 1

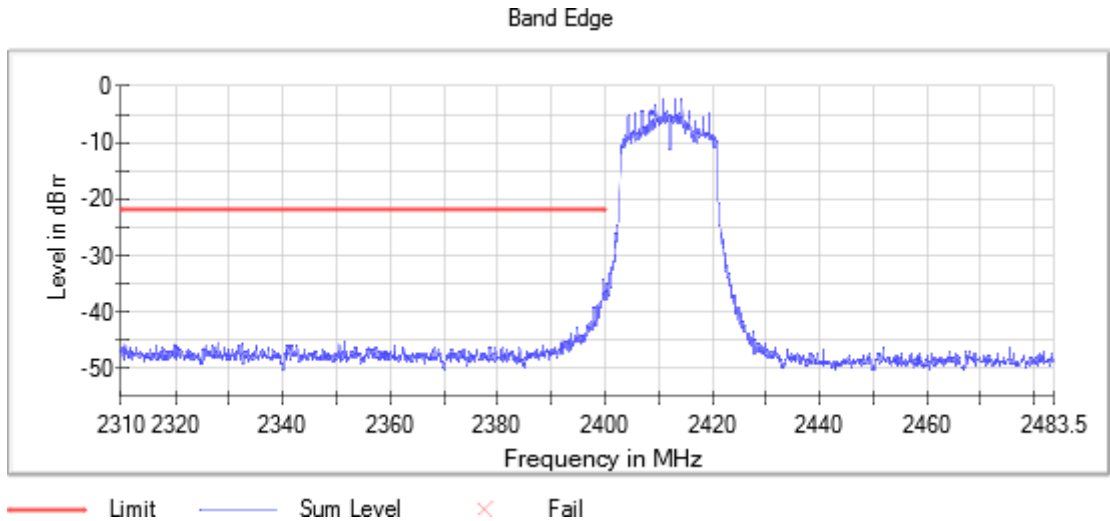
Setting	Instrument Value	Target Value
Start Frequency	2.31000 GHz	2.31000 GHz
Stop Frequency	2.40000 GHz	2.40000 GHz
Span	90.000 MHz	90.000 MHz
RBW	100.000 kHz	<= 100.000 kHz
VBW	300.000 kHz	>= 300.000 kHz
SweepPoints	1800	~ 1800
SweepTime	113.672 μ s	AUTO
Reference Level	20.000 dBm	20.000 dBm
Attenuation	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
Preamplifier	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	44 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.45 dB	0.50 dB

Operation Band MHz = [2400, 2483.5] Equipment Type = Digital Transmission System (DTS)
Frequency MHz = 2412.00000 Active Port = 2
Modulation = 802.11n HT20 (OFDM MCS0)

Images:



Tables:

Spectrum Analyzer Parameters 1

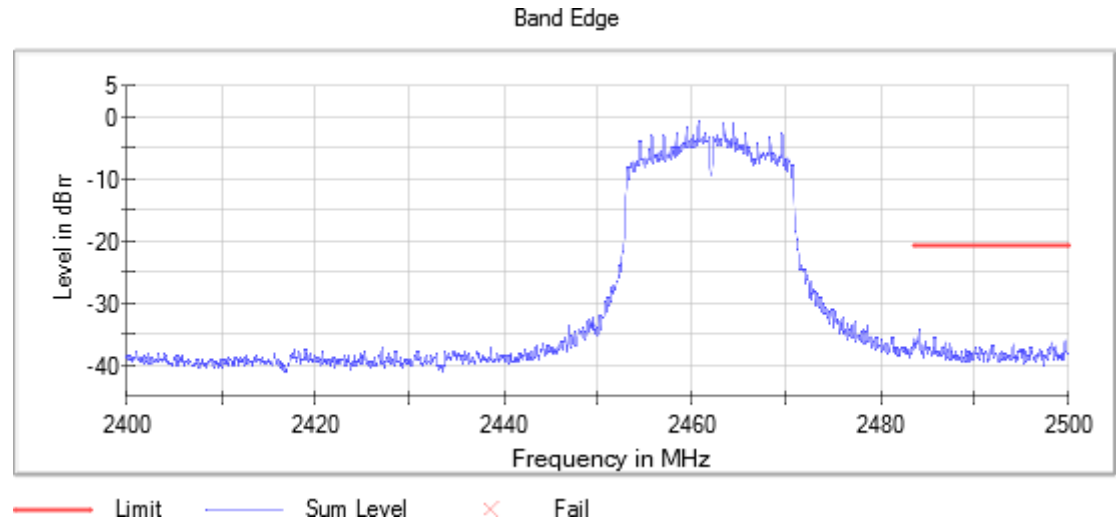
Setting	Instrument Value	Target Value
Start Frequency	2.31000 GHz	2.31000 GHz
Stop Frequency	2.40000 GHz	2.40000 GHz
Span	90.000 MHz	90.000 MHz
RBW	100.000 kHz	<= 100.000 kHz
VBW	300.000 kHz	>= 300.000 kHz
SweepPoints	1800	~ 1800
SweepTime	113.672 µs	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	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	13 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.20 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
Sweptime	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	56 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.42 dB	0.50 dB

Operation Band MHz = [2400, 2483.5] Equipment Type = Digital Transmission System (DTS)
Frequency MHz = 2462.00000 Active Port = 1
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	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
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

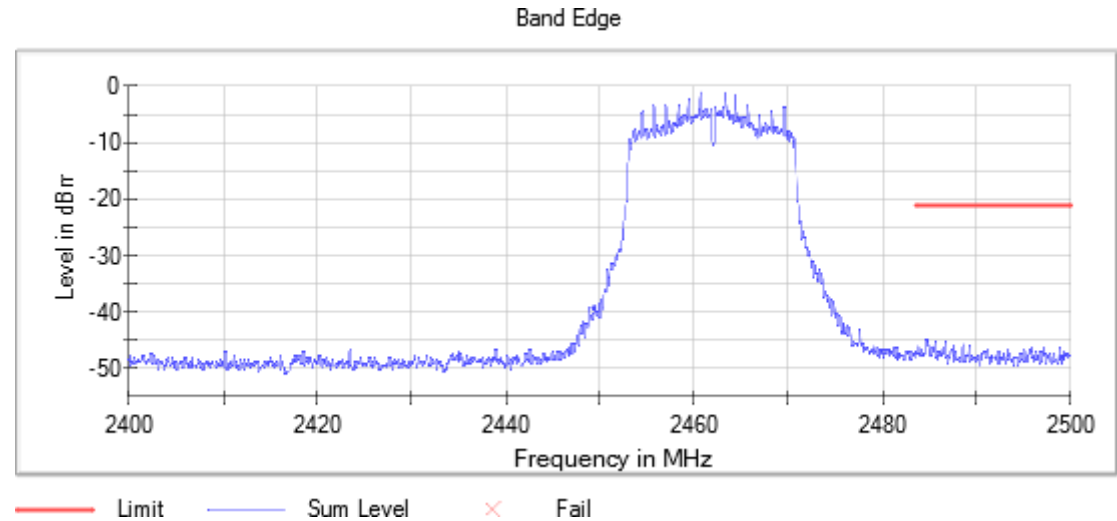
Setting	Instrument Value	Target Value
Start Frequency	2.40000 GHz	2.40000 GHz
Stop Frequency	2.48350 GHz	2.48350 GHz
Span	83.500 MHz	83.500 MHz
RBW	100.000 kHz	<= 100.000 kHz
VBW	300.000 kHz	>= 300.000 kHz
SweepPoints	1670	~ 1670
Sweeptime	94.727 µs	AUTO
Reference Level	20.000 dBm	20.000 dBm
Attenuation	40.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	AUTO
Preamplifier	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	44 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.45 dB	0.50 dB

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

Frequency MHz = 2462.00000Active Port = 2

Modulation = 802.11n HT20 (OFDM MCS0)

Images:



Tables:

Spectrum Analyzer Parameters 1

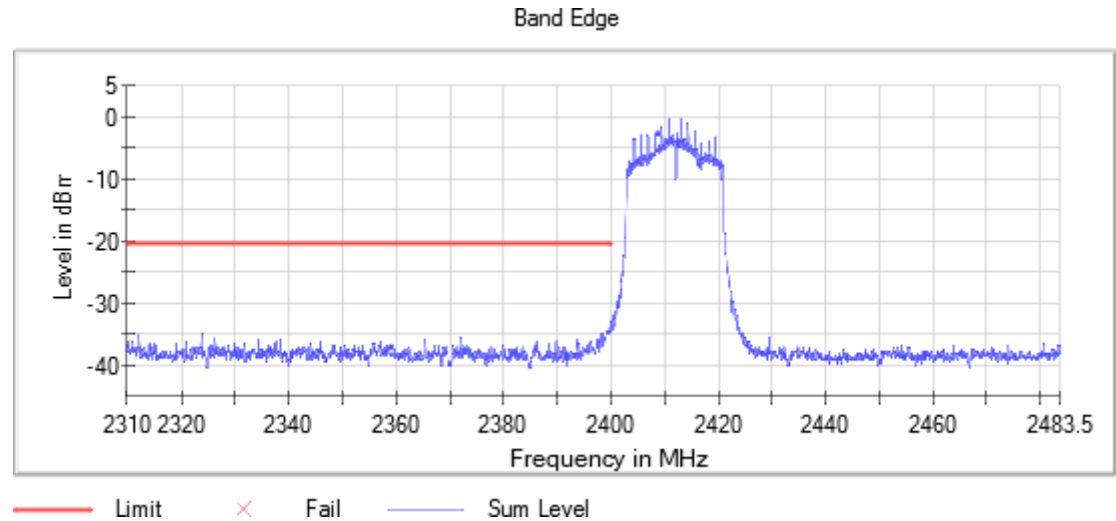
Setting	Instrument Value	Target Value
Start Frequency	2.31000 GHz	2.31000 GHz
Stop Frequency	2.40000 GHz	2.40000 GHz
Span	90.000 MHz	90.000 MHz
RBW	100.000 kHz	<= 100.000 kHz
VBW	300.000 kHz	>= 300.000 kHz
SweepPoints	1800	~ 1800
SweepTime	113.672 µs	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	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	13 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.20 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
Preamplifier	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	56 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.42 dB	0.50 dB

Operation Band MHz = [2400, 2483.5] Equipment Type = Digital Transmission System (DTS)
Frequency MHz = 2412.00000 Active Port = 1+2
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	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
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

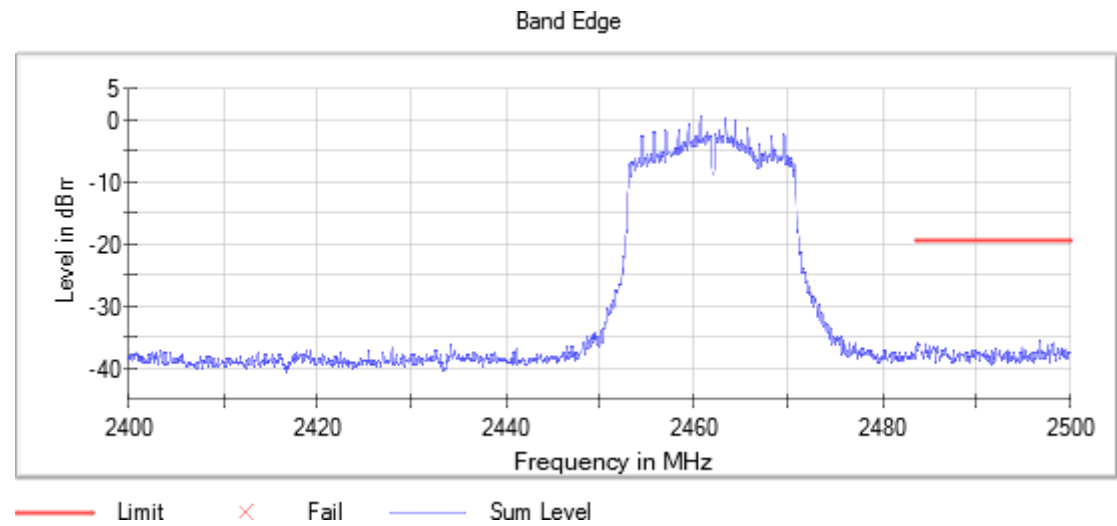
Setting	Instrument Value	Target Value
Start Frequency	2.40000 GHz	2.40000 GHz
Stop Frequency	2.48350 GHz	2.48350 GHz
Span	83.500 MHz	83.500 MHz
RBW	100.000 kHz	<= 100.000 kHz
VBW	300.000 kHz	>= 300.000 kHz
SweepPoints	1670	~ 1670
Sweptime	94.727 µs	AUTO
Reference Level	20.000 dBm	20.000 dBm
Attenuation	40.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	AUTO
Preamplifier	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	52 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.23 dB	0.50 dB

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

Frequency MHz = 2462.00000Active Port = 1+2

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	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
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	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
Preamplifier	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	52 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.23 dB	0.50 dB

Modulation: 802.11n HT40 (OFDM MCS7)

Results

Operation Band (MHz)	Equipment	Freq (MHz)	Port	Inband Peak Lvl (dBm)	Freq (MHz)	Lvl (dBm)
[2400, 2483.5]	Digital Transmission System (DTS)	2422.00000	1	-7.600	2399.075000	-34.4
				-7.600	2399.525000	-34.4
				-7.600	2399.125000	-34.5
				-7.600	2399.275000	-34.7
				-7.600	2399.825000	-34.8
				-7.600	2399.475000	-34.9
				-7.600	2398.275000	-34.9
				-7.600	2399.575000	-34.9
				-7.600	2399.175000	-34.9
				-7.600	2398.525000	-35.0
				-7.600	2399.225000	-35.2
				-7.600	2399.325000	-35.3
				-7.600	2397.275000	-35.3
				-7.600	2399.725000	-35.4
				-7.600	2399.975000	-35.5
		2452.00000	1	-11.000	2399.925000	-39.7
				-11.000	2399.775000	-40.0
				-11.000	2399.525000	-40.3
				-11.000	2399.825000	-40.4
				-11.000	2399.875000	-40.5
				-11.000	2399.475000	-40.5
				-11.000	2399.625000	-40.6
				-11.000	2400.000000	-40.6
				-11.000	2399.675000	-40.7
				-11.000	2399.975000	-41.0
				-11.000	2399.575000	-41.1
				-11.000	2399.725000	-41.2
				-11.000	2399.325000	-41.6
				-11.000	2398.525000	-41.7
				-11.000	2399.425000	-41.7
		2452.00000	1	-6.900	2486.675000	-32.3
				-6.900	2489.525000	-32.5
				-6.900	2486.725000	-32.5
				-6.900	2489.475000	-32.5
				-6.900	2484.475000	-32.6
				-6.900	2484.525000	-32.8
				-6.900	2485.125000	-33.1
				-6.900	2485.175000	-33.2

Operation Band (MHz)	Equipment	Freq (MHz)	Port	Inband Peak Lvl (dBm)	Freq (MHz)	Lvl (dBm)		
		2422.00000		-6.900	2484.825000	-33.3		
				-6.900	2483.625000	-33.3		
				-6.900	2487.975000	-33.5		
				-6.900	2483.675000	-33.6		
				-6.900	2484.775000	-33.6		
				-6.900	2483.925000	-33.7		
				-6.900	2487.925000	-33.7		
			2	-9.900	2485.375000	-45.1		
				-9.900	2485.425000	-45.2		
				-9.900	2485.325000	-46.0		
				-9.900	2489.125000	-46.1		
				-9.900	2488.825000	-46.3		
				-9.900	2489.175000	-46.3		
				-9.900	2485.675000	-46.3		
				-9.900	2488.775000	-46.4		
				-9.900	2485.625000	-46.4		
				-9.900	2487.325000	-46.7		
				-9.900	2487.375000	-47.0		
				-9.900	2485.175000	-47.1		
				-9.900	2485.125000	-47.2		
		-9.900	2486.125000	-47.2				
		-9.900	2483.875000	-47.3				
		2422.00000	1+2	-9.800	2399.925000	-38.9		
				-9.800	2399.775000	-39.0		
				-9.800	2399.725000	-39.4		
				-9.800	2399.825000	-39.4		
				-9.800	2399.675000	-39.5		
				-9.800	2399.975000	-39.6		
				-9.800	2399.175000	-39.6		
				-9.800	2399.575000	-39.8		
				-9.800	2399.525000	-39.9		
				-9.800	2399.475000	-39.9		
				-9.800	2399.225000	-40.0		
				-9.800	2399.875000	-40.0		
				-9.800	2399.275000	-40.1		
				-9.800	2399.625000	-40.2		
				-9.800	2399.425000	-40.3		
				2452.00000		-8.400	2484.175000	-38.4
						-8.400	2484.225000	-38.4
						-8.400	2484.825000	-38.6

Operation Band (MHz)	Equipment	Freq (MHz)	Port	Inband Peak Lvl (dBm)	Freq (MHz)	Lvl (dBm)
				-8.400	2484.875000	-38.8
				-8.400	2484.275000	-39.0
				-8.400	2484.125000	-39.1
				-8.400	2489.525000	-39.2
				-8.400	2489.475000	-39.2
				-8.400	2484.475000	-39.3
				-8.400	2485.125000	-39.3
				-8.400	2484.525000	-39.4
				-8.400	2483.875000	-39.4
				-8.400	2485.675000	-39.6
				-8.400	2486.125000	-39.6
				-8.400	2486.675000	-39.6

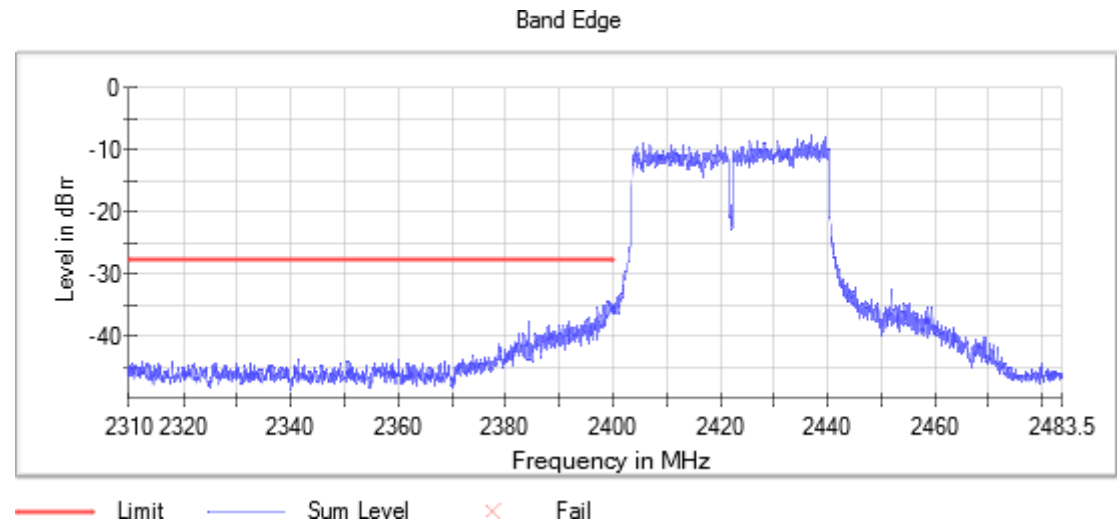
Verdict

Pass

Attachments

Operation Band MHz = [2400, 2483.5] Equipment Type = Digital Transmission System (DTS)
Frequency MHz = 2422.00000 Active Port = 1
Modulation = 802.11n HT40 (OFDM MCS7)

Images:



Tables:

Spectrum Analyzer Parameters 1

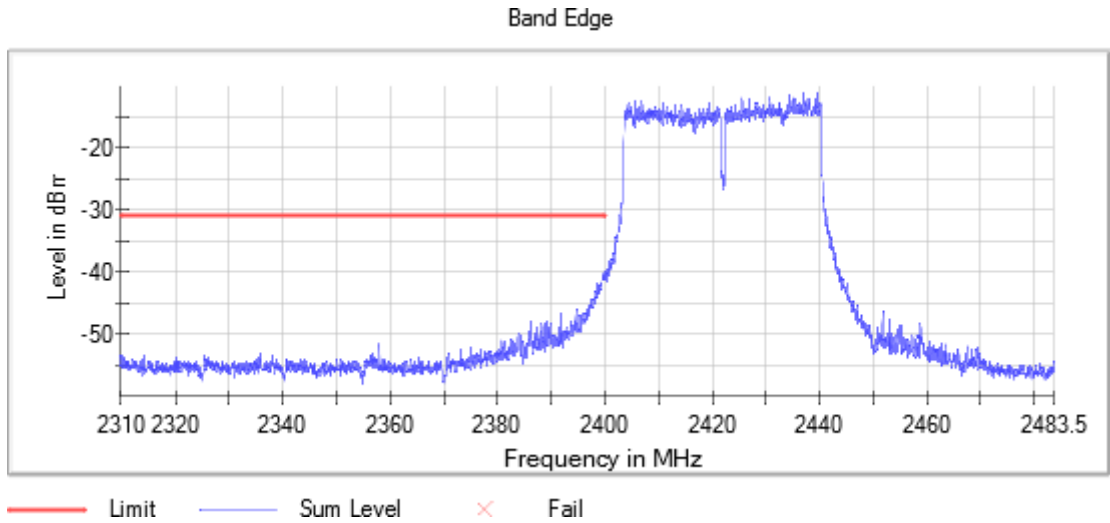
Setting	Instrument Value	Target Value
Start Frequency	2.31000 GHz	2.31000 GHz
Stop Frequency	2.40000 GHz	2.40000 GHz
Span	90.000 MHz	90.000 MHz
RBW	100.000 kHz	<= 100.000 kHz
VBW	300.000 kHz	>= 300.000 kHz
SweepPoints	1800	~ 1800
SweepTime	113.672 µs	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	AUTO
Detector	Average	Average
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	6 / 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	Average	Average
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	97 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.13 dB	0.50 dB

Operation Band MHz = [2400, 2483.5] Equipment Type = Digital Transmission System (DTS)
Frequency MHz = 2422.00000 Active Port = 2
Modulation = 802.11n HT40 (OFDM MCS7)

Images:



Tables:

Spectrum Analyzer Parameters 1

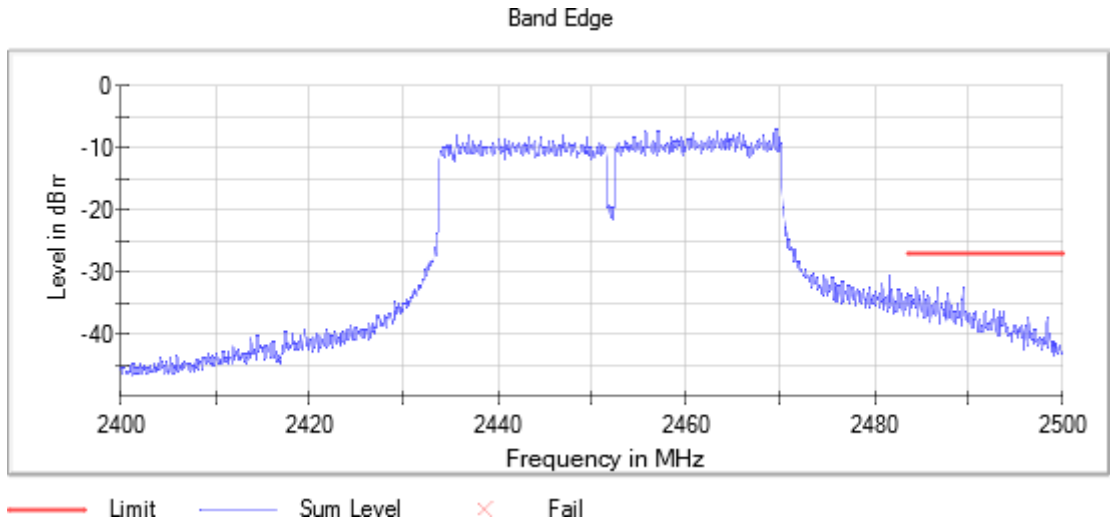
Setting	Instrument Value	Target Value
Start Frequency	2.31000 GHz	2.31000 GHz
Stop Frequency	2.40000 GHz	2.40000 GHz
Span	90.000 MHz	90.000 MHz
RBW	100.000 kHz	<= 100.000 kHz
VBW	300.000 kHz	>= 300.000 kHz
SweepPoints	1800	~ 1800
SweepTime	113.672 µs	AUTO
Reference Level	0.000 dBm	0.000 dBm
Attenuation	20.000 dB	AUTO
Detector	Average	Average
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	24 / 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	0.000 dBm	0.000 dBm
Attenuation	20.000 dB	AUTO
Detector	Average	Average
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	98 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.24 dB	0.50 dB

Operation Band MHz = [2400, 2483.5] Equipment Type = Digital Transmission System (DTS)
Frequency MHz = 2452.00000 Active Port = 1
Modulation = 802.11n HT40 (OFDM MCS7)

Images:



Tables:

Spectrum Analyzer Parameters 1

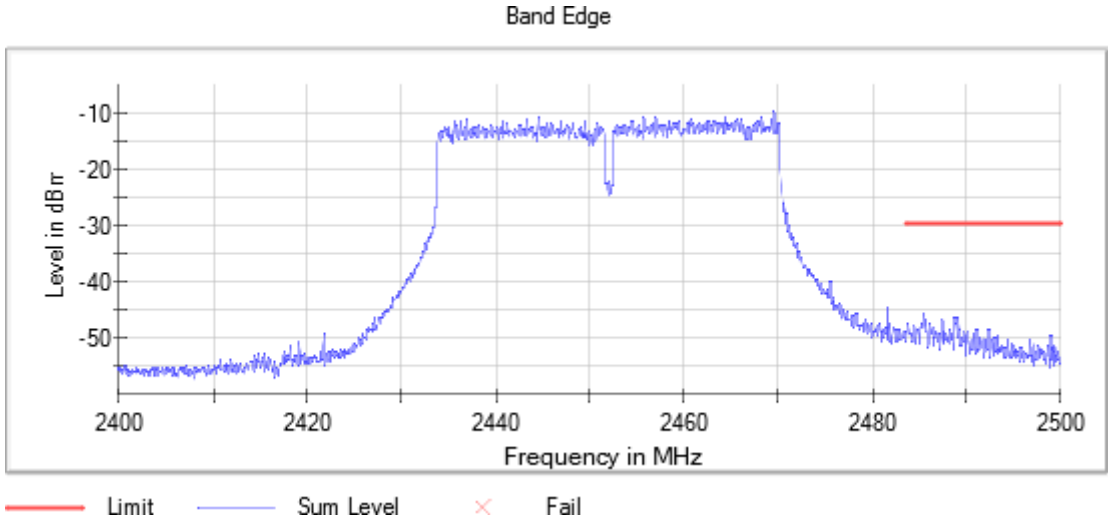
Setting	Instrument Value	Target Value
Start Frequency	2.31000 GHz	2.31000 GHz
Stop Frequency	2.40000 GHz	2.40000 GHz
Span	90.000 MHz	90.000 MHz
RBW	100.000 kHz	<= 100.000 kHz
VBW	300.000 kHz	>= 300.000 kHz
SweepPoints	1800	~ 1800
SweepTime	113.672 µs	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	30.000 dB	AUTO
Detector	Average	Average
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	6 / 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	Average	Average
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	97 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.13 dB	0.50 dB

Operation Band MHz = [2400, 2483.5] Equipment Type = Digital Transmission System (DTS)
Frequency MHz = 2452.00000 Active Port = 2
Modulation = 802.11n HT40 (OFDM MCS7)

Images:



Tables:

Spectrum Analyzer Parameters 1

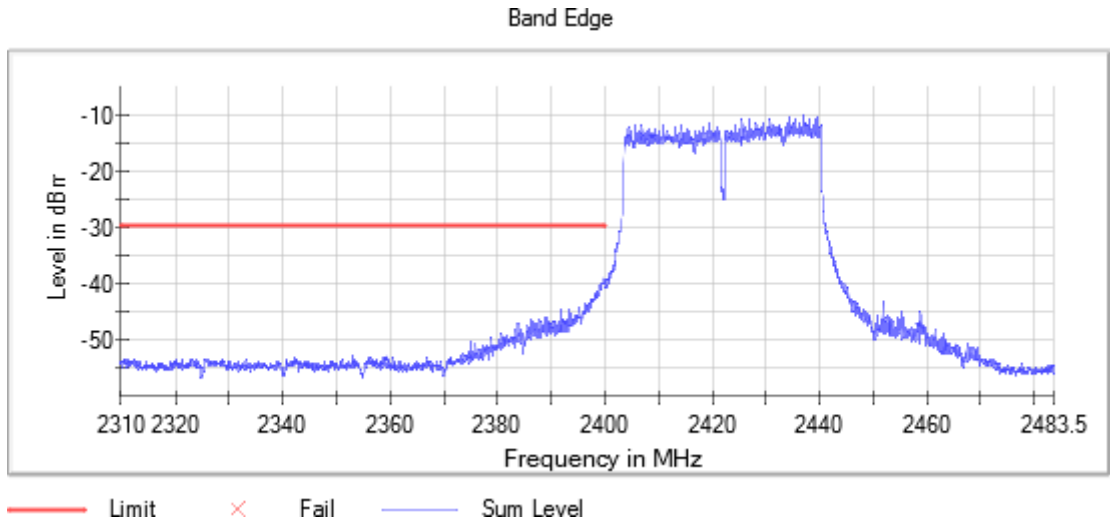
Setting	Instrument Value	Target Value
Start Frequency	2.31000 GHz	2.31000 GHz
Stop Frequency	2.40000 GHz	2.40000 GHz
Span	90.000 MHz	90.000 MHz
RBW	100.000 kHz	<= 100.000 kHz
VBW	300.000 kHz	>= 300.000 kHz
SweepPoints	1800	~ 1800
SweepTime	113.672 µs	AUTO
Reference Level	0.000 dBm	0.000 dBm
Attenuation	20.000 dB	AUTO
Detector	Average	Average
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	24 / 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	0.000 dBm	0.000 dBm
Attenuation	20.000 dB	AUTO
Detector	Average	Average
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	98 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.24 dB	0.50 dB

Operation Band MHz = [2400, 2483.5] Equipment Type = Digital Transmission System (DTS)
Frequency MHz = 2422.00000 Active Port = 1+2
Modulation = 802.11n HT40 (OFDM MCS7)

Images:



Tables:

Spectrum Analyzer Parameters 1

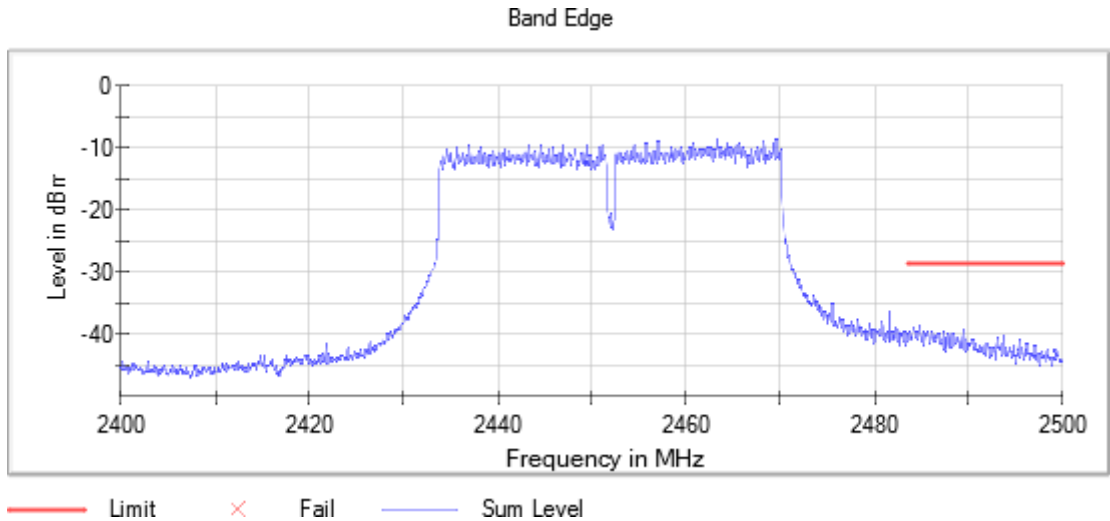
Setting	Instrument Value	Target Value
Start Frequency	2.31000 GHz	2.31000 GHz
Stop Frequency	2.40000 GHz	2.40000 GHz
Span	90.000 MHz	90.000 MHz
RBW	100.000 kHz	<= 100.000 kHz
VBW	300.000 kHz	>= 300.000 kHz
SweepPoints	1800	~ 1800
SweepTime	113.672 µs	AUTO
Reference Level	0.000 dBm	0.000 dBm
Attenuation	20.000 dB	AUTO
Detector	Average	Average
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	40 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.39 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	0.000 dBm	0.000 dBm
Attenuation	20.000 dB	AUTO
Detector	Average	Average
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	50 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.41 dB	0.50 dB

Operation Band MHz = [2400, 2483.5] Equipment Type = Digital Transmission System (DTS)
Frequency MHz = 2452.00000 Active Port = 1+2
Modulation = 802.11n HT40 (OFDM MCS7)

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	0.000 dBm	0.000 dBm
Attenuation	20.000 dB	AUTO
Detector	Average	Average
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	40 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.39 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	0.000 dBm	0.000 dBm
Attenuation	20.000 dB	AUTO
Detector	Average	Average
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	50 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.41 dB	0.50 dB

Modulation: 802.11ax HE20 SS1 (OFDMA MCS0)

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	1	-4.800	2399.825000	-38.1
				-4.800	2399.625000	-38.5
				-4.800	2399.875000	-38.5
				-4.800	2399.675000	-38.6
				-4.800	2399.925000	-38.6
				-4.800	2399.375000	-38.6
				-4.800	2399.325000	-38.7
				-4.800	2400.000000	-38.9
				-4.800	2399.775000	-39.1
				-4.800	2399.975000	-39.4
				-4.800	2399.575000	-39.5
				-4.800	2399.425000	-39.8
				-4.800	2399.525000	-39.9
				-4.800	2399.725000	-40.0
				-4.800	2399.175000	-40.3
		2462.00000	2	-4.900	2399.725000	-37.9
				-4.900	2399.975000	-38.0
				-4.900	2399.675000	-38.3
				-4.900	2400.000000	-38.4
				-4.900	2399.775000	-38.6
				-4.900	2399.625000	-38.9
				-4.900	2399.925000	-39.0
				-4.900	2399.225000	-39.1
				-4.900	2398.925000	-39.1
				-4.900	2399.825000	-39.2
				-4.900	2398.975000	-39.2
				-4.900	2399.275000	-39.2
				-4.900	2399.575000	-39.3
				-4.900	2399.475000	-39.5
				-4.900	2399.425000	-39.6
		2462.00000	1	-3.900	2486.725000	-43.3
				-3.900	2486.675000	-43.4
				-3.900	2484.225000	-43.9
				-3.900	2498.775000	-44.3
				-3.900	2498.825000	-44.3
				-3.900	2486.075000	-44.4
				-3.900	2488.875000	-44.4
				-3.900	2497.575000	-44.5

Operation Band (MHz)	Equipment	Freq (MHz)	Port	Inband Peak Lvl (dBm)	Freq (MHz)	Lvl (dBm)
		2412.00000		-3.900	2484.275000	-44.5
				-3.900	2484.425000	-44.6
				-3.900	2486.375000	-44.6
				-3.900	2497.625000	-44.6
				-3.900	2486.025000	-44.6
				-3.900	2486.475000	-44.7
				-3.900	2498.275000	-44.7
			2	-3.600	2484.875000	-43.7
				-3.600	2497.075000	-43.8
				-3.600	2484.825000	-43.9
				-3.600	2486.625000	-43.9
				-3.600	2497.125000	-43.9
				-3.600	2486.575000	-44.1
				-3.600	2499.425000	-44.1
				-3.600	2494.225000	-44.2
				-3.600	2499.375000	-44.2
				-3.600	2486.075000	-44.2
				-3.600	2485.275000	-44.2
				-3.600	2488.675000	-44.4
				-3.600	2488.725000	-44.4
				-3.600	2486.775000	-44.6
				-3.600	2486.825000	-44.6
		2462.00000	1+2	-1.100	2399.975000	-32.3
				-1.100	2399.875000	-32.4
				-1.100	2399.925000	-32.5
				-1.100	2399.775000	-32.9
				-1.100	2399.725000	-33.1
				-1.100	2399.575000	-33.3
				-1.100	2399.625000	-33.3
				-1.100	2399.825000	-33.6
				-1.100	2400.000000	-33.7
				-1.100	2399.525000	-33.9
				-1.100	2399.675000	-33.9
				-1.100	2399.325000	-34.0
				-1.100	2399.375000	-34.1
				-1.100	2399.475000	-34.1
				-1.100	2399.275000	-34.2
				0.200	2484.025000	-39.1
				0.200	2484.225000	-39.3
				0.200	2484.075000	-39.5

Operation Band (MHz)	Equipment	Freq (MHz)	Port	Inband Peak Lvl (dBm)	Freq (MHz)	Lvl (dBm)
				0.200	2484.275000	-39.5
				0.200	2484.575000	-39.5
				0.200	2485.025000	-39.7
				0.200	2484.725000	-39.7
				0.200	2484.625000	-39.8
				0.200	2485.075000	-39.8
				0.200	2484.775000	-39.9
				0.200	2483.625000	-40.0
				0.200	2483.975000	-40.0
				0.200	2483.525000	-40.1
				0.200	2484.175000	-40.1
				0.200	2484.425000	-40.2

Verdict

Pass

Attachments

Operation Band MHz = [2400, 2483.5]

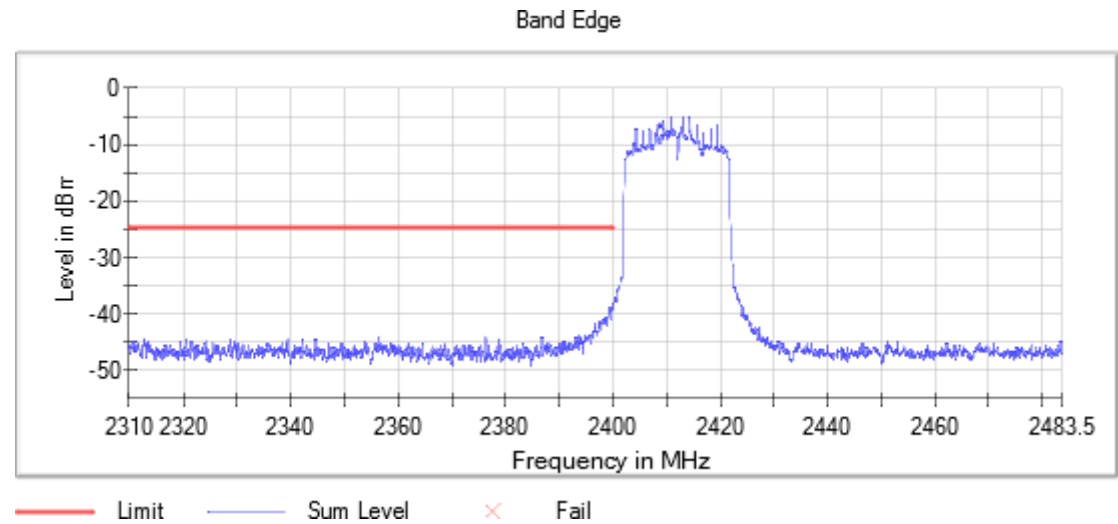
Equipment Type = Digital Transmission System (DTS)

Frequency MHz = 2412.00000

Active Port = 1

Modulation = 802.11ax HE20 SS1 (OFDMA 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 μ s	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
Preamplifier	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	82 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.37 dB	0.50 dB

Operation Band MHz = [2400, 2483.5]

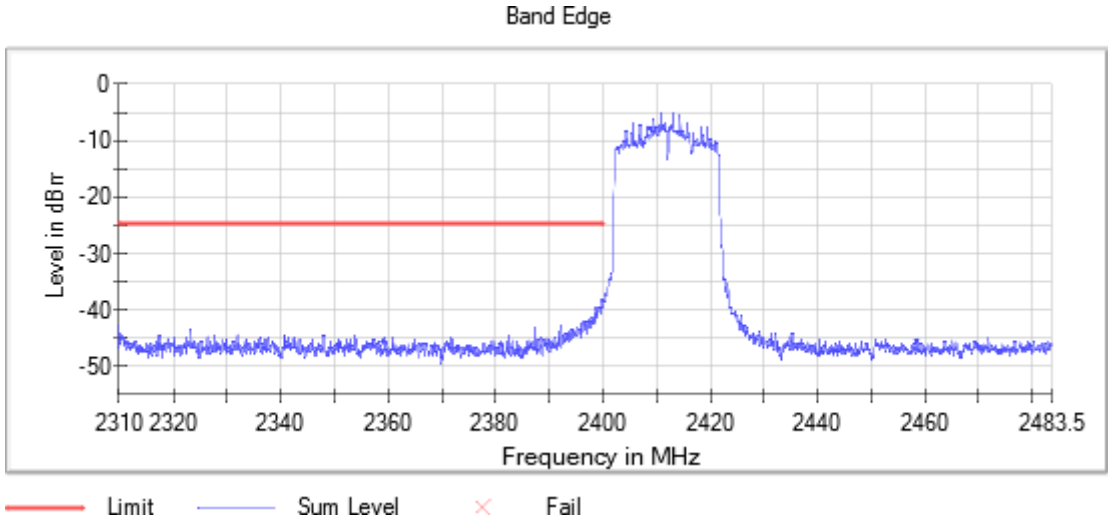
Equipment Type = Digital Transmission System (DTS)

Frequency MHz = 2412.00000

Active Port = 2

Modulation = 802.11ax HE20 SS1 (OFDMA 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	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
Preamplifier	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	68 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.48 dB	0.50 dB

Operation Band MHz = [2400, 2483.5]

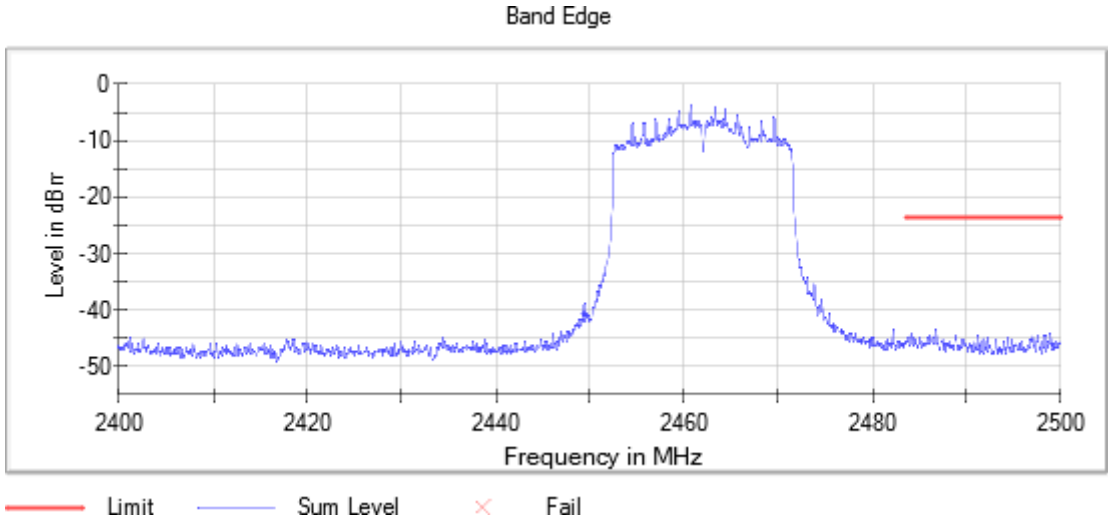
Equipment Type = Digital Transmission System (DTS)

Frequency MHz = 2462.00000

Active Port = 1

Modulation = 802.11ax HE20 SS1 (OFDMA 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	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
Preamplifier	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	82 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.37 dB	0.50 dB

Operation Band MHz = [2400, 2483.5]

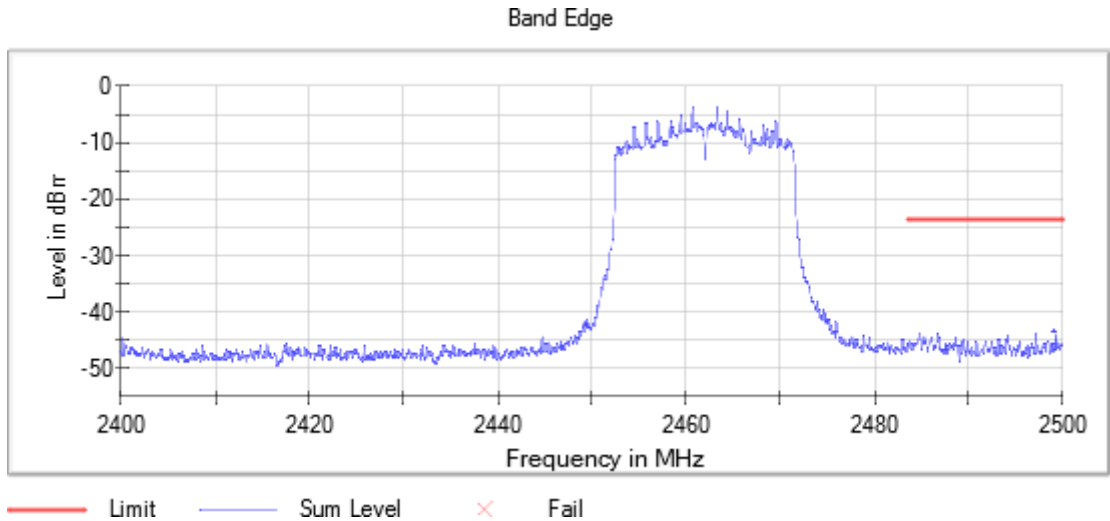
Equipment Type = Digital Transmission System (DTS)

Frequency MHz = 2462.00000

Active Port = 2

Modulation = 802.11ax HE20 SS1 (OFDMA 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	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
Preamplifier	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	68 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.48 dB	0.50 dB

Operation Band MHz = [2400, 2483.5]

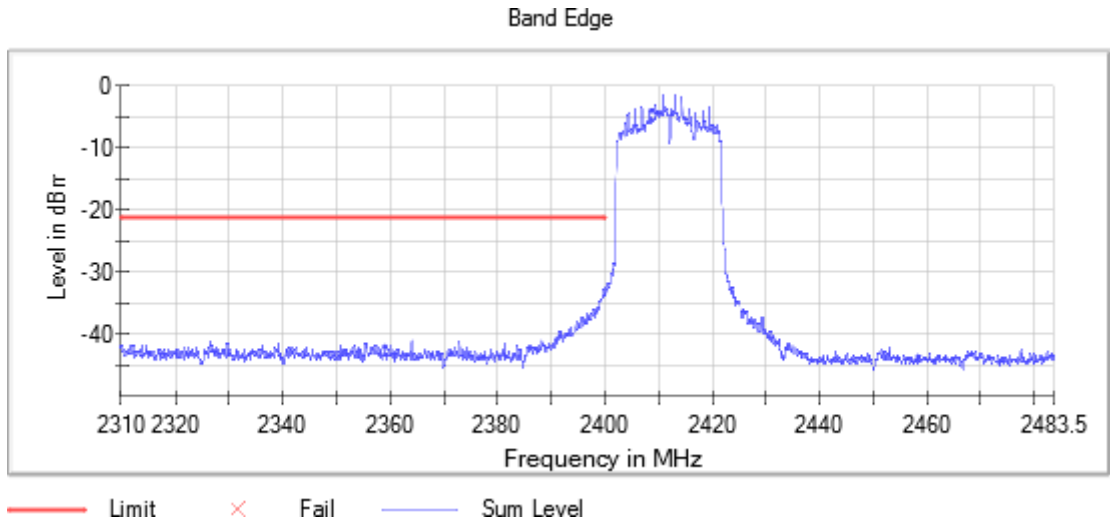
Equipment Type = Digital Transmission System (DTS)

Frequency MHz = 2412.00000

Active Port = 1+2

Modulation = 802.11ax HE20 SS1 (OFDMA 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	18 / 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
Preamplifier	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	53 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.43 dB	0.50 dB

Operation Band MHz = [2400, 2483.5]

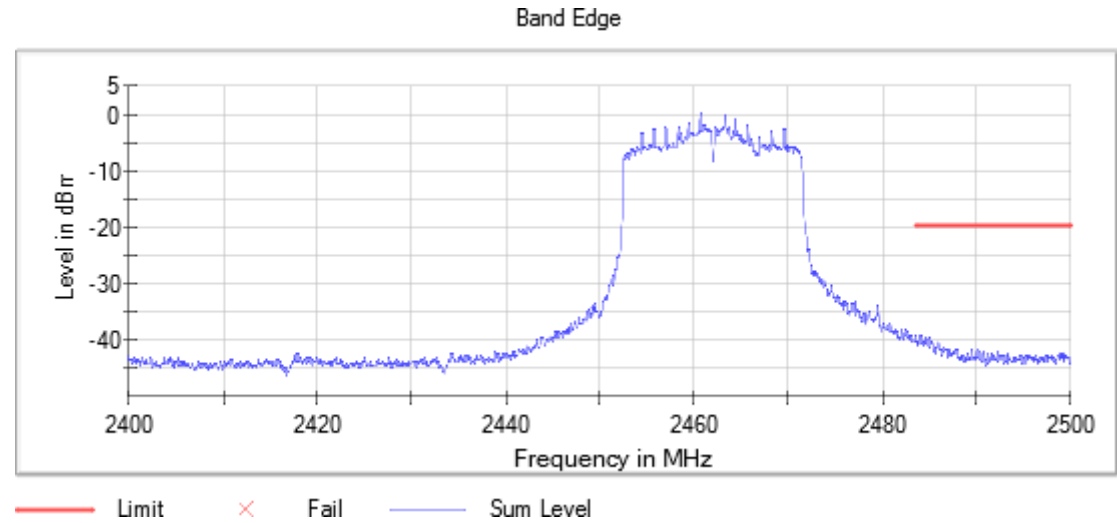
Equipment Type = Digital Transmission System (DTS)

Frequency MHz = 2462.00000

Active Port = 1+2

Modulation = 802.11ax HE20 SS1 (OFDMA 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	18 / 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
Sweptime	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	53 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.43 dB	0.50 dB

Modulation: 802.11ax HE40 SS1 (OFDMA MCS11)

Results

Operation Band (MHz)	Equipment	Freq (MHz)	Port	Inband Peak Lvl (dBm)	Freq (MHz)	Lvl (dBm)
[2400, 2483.5]	Digital Transmission System (DTS)	2422.00000	1	-11.400	2399.875000	-39.7
				-11.400	2400.000000	-40.3
				-11.400	2399.825000	-40.9
				-11.400	2399.375000	-41.0
				-11.400	2399.675000	-41.1
				-11.400	2399.975000	-41.1
				-11.400	2399.525000	-41.2
				-11.400	2399.725000	-41.3
				-11.400	2399.775000	-41.4
				-11.400	2399.575000	-41.5
				-11.400	2399.625000	-41.5
				-11.400	2399.925000	-41.6
				-11.400	2399.475000	-41.8
				-11.400	2398.875000	-42.0
				-11.400	2399.425000	-42.3
		2452.00000	1	-11.000	2399.625000	-41.1
				-11.000	2399.675000	-41.2
				-11.000	2399.975000	-41.6
				-11.000	2399.575000	-41.6
				-11.000	2399.725000	-42.1
				-11.000	2400.000000	-42.2
				-11.000	2399.525000	-42.2
				-11.000	2399.925000	-42.3
				-11.000	2399.775000	-42.8
				-11.000	2399.475000	-42.9
				-11.000	2399.875000	-42.9
				-11.000	2399.825000	-43.0
				-11.000	2399.425000	-43.3
				-11.000	2398.575000	-43.3
				-11.000	2398.625000	-43.3
		2452.00000	1	-10.800	2488.525000	-43.7
				-10.800	2488.475000	-43.8
				-10.800	2488.275000	-45.0
				-10.800	2488.325000	-45.2
				-10.800	2487.925000	-45.8
				-10.800	2484.275000	-46.0
				-10.800	2484.225000	-46.0
				-10.800	2485.925000	-46.0

Operation Band (MHz)	Equipment	Freq (MHz)	Port	Inband Peak Lvl (dBm)	Freq (MHz)	Lvl (dBm)		
		2422.00000		-10.800	2485.875000	-46.0		
				-10.800	2485.975000	-46.1		
				-10.800	2487.975000	-46.1		
				-10.800	2483.525000	-46.1		
				-10.800	2487.025000	-46.1		
				-10.800	2486.325000	-46.2		
				-10.800	2490.525000	-46.2		
			2	-9.800	2488.275000	-44.6		
				-9.800	2492.225000	-44.8		
				-9.800	2488.225000	-44.9		
				-9.800	2492.275000	-44.9		
				-9.800	2488.525000	-45.2		
				-9.800	2488.325000	-45.2		
				-9.800	2488.475000	-45.5		
				-9.800	2490.475000	-45.7		
				-9.800	2484.775000	-45.8		
				-9.800	2484.725000	-46.0		
				-9.800	2490.525000	-46.1		
				-9.800	2488.725000	-46.1		
				-9.800	2487.975000	-46.2		
				-9.800	2488.775000	-46.2		
				-9.800	2488.175000	-46.5		
		2422.00000	1+2	-4.600	2400.000000	-34.5		
				-4.600	2399.975000	-35.3		
				-4.600	2399.875000	-35.6		
				-4.600	2399.925000	-35.8		
				-4.600	2399.275000	-35.9		
				-4.600	2399.325000	-35.9		
				-4.600	2399.725000	-36.0		
				-4.600	2399.475000	-36.1		
				-4.600	2399.825000	-36.1		
				-4.600	2399.425000	-36.1		
				-4.600	2399.775000	-36.2		
				-4.600	2399.125000	-36.3		
				-4.600	2398.925000	-36.4		
				-4.600	2399.225000	-36.4		
				-4.600	2398.725000	-36.5		
				2452.00000	1+2	-4.300	2488.525000	-35.0
						-4.300	2488.475000	-35.3
						-4.300	2488.275000	-35.4

Operation Band (MHz)	Equipment	Freq (MHz)	Port	Inband Peak Lvl (dBm)	Freq (MHz)	Lvl (dBm)
				-4.300	2488.225000	-35.6
				-4.300	2488.325000	-35.9
				-4.300	2490.625000	-35.9
				-4.300	2485.475000	-35.9
				-4.300	2485.525000	-36.0
				-4.300	2490.675000	-36.0
				-4.300	2490.525000	-36.1
				-4.300	2490.475000	-36.1
				-4.300	2488.575000	-36.1
				-4.300	2486.725000	-36.2
				-4.300	2485.975000	-36.2
				-4.300	2486.025000	-36.2

Verdict

Pass

Attachments

Operation Band MHz = [2400, 2483.5]

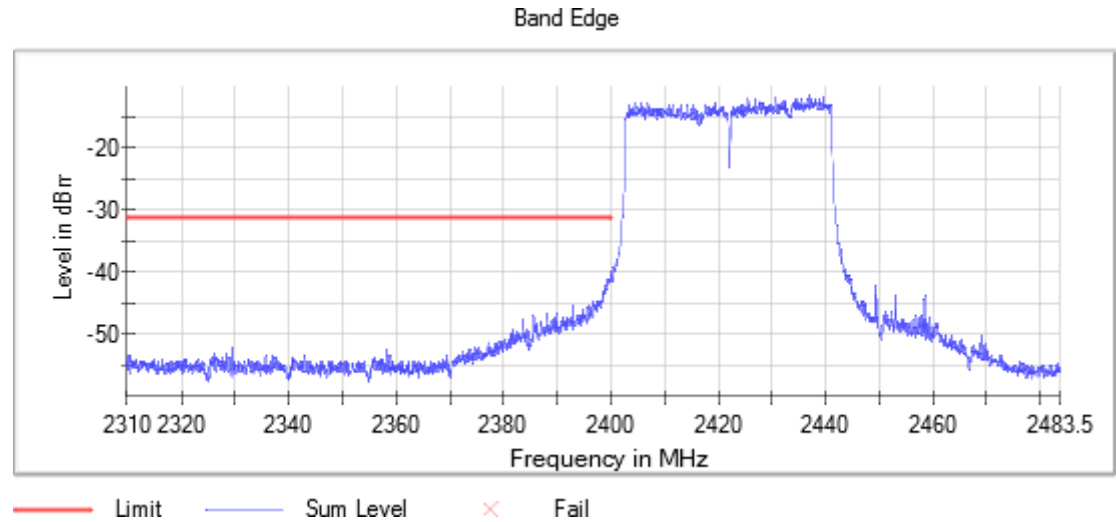
Equipment Type = Digital Transmission System (DTS)

Frequency MHz = 2422.00000

Active Port = 1

Modulation = 802.11ax HE40 SS1 (OFDMA MCS11)

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	0.000 dBm	0.000 dBm
Attenuation	20.000 dB	AUTO
Detector	Average	Average
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	27 / 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	0.000 dBm	0.000 dBm
Attenuation	20.000 dB	AUTO
Detector	Average	Average
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	135 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.00 dB	0.50 dB

Operation Band MHz = [2400, 2483.5]

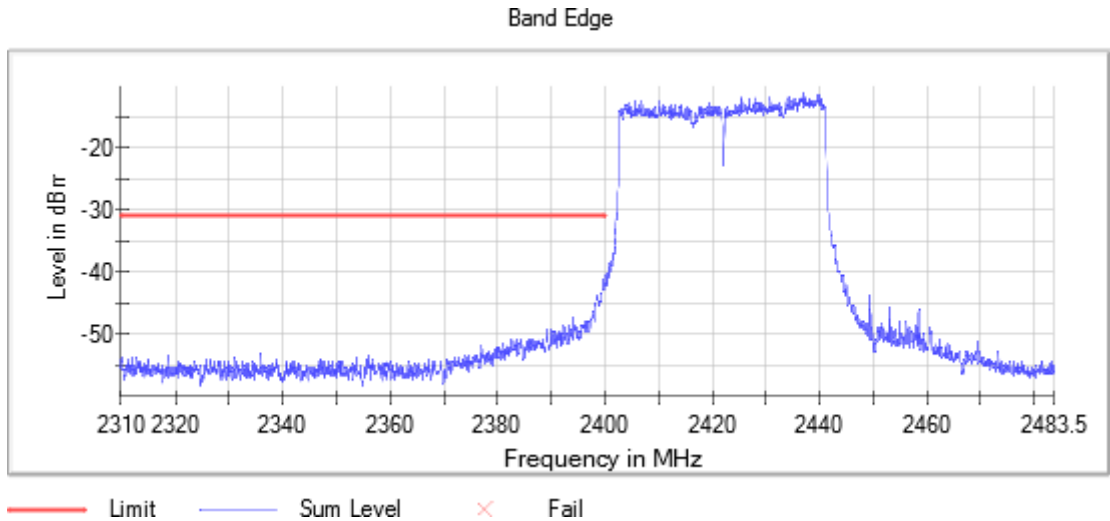
Equipment Type = Digital Transmission System (DTS)

Frequency MHz = 2422.00000

Active Port = 2

Modulation = 802.11ax HE40 SS1 (OFDMA MCS11)

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	0.000 dBm	0.000 dBm
Attenuation	20.000 dB	AUTO
Detector	Average	Average
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	9 / 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	0.000 dBm	0.000 dBm
Attenuation	20.000 dB	AUTO
Detector	Average	Average
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	128 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.28 dB	0.50 dB

Operation Band MHz = [2400, 2483.5]

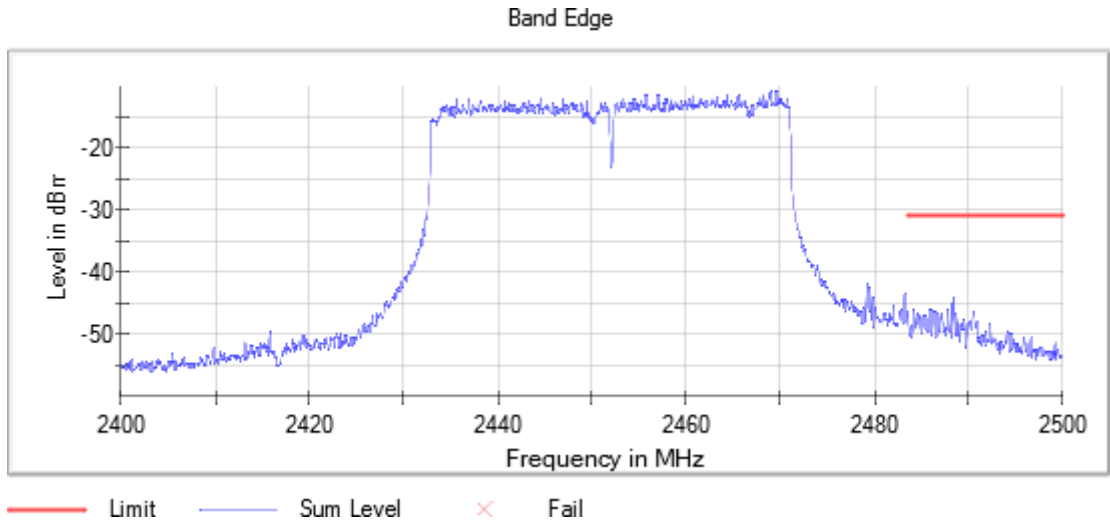
Equipment Type = Digital Transmission System (DTS)

Frequency MHz = 2452.00000

Active Port = 1

Modulation = 802.11ax HE40 SS1 (OFDMA MCS11)

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	0.000 dBm	0.000 dBm
Attenuation	20.000 dB	AUTO
Detector	Average	Average
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	27 / 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	0.000 dBm	0.000 dBm
Attenuation	20.000 dB	AUTO
Detector	Average	Average
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	135 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.00 dB	0.50 dB

Operation Band MHz = [2400, 2483.5]

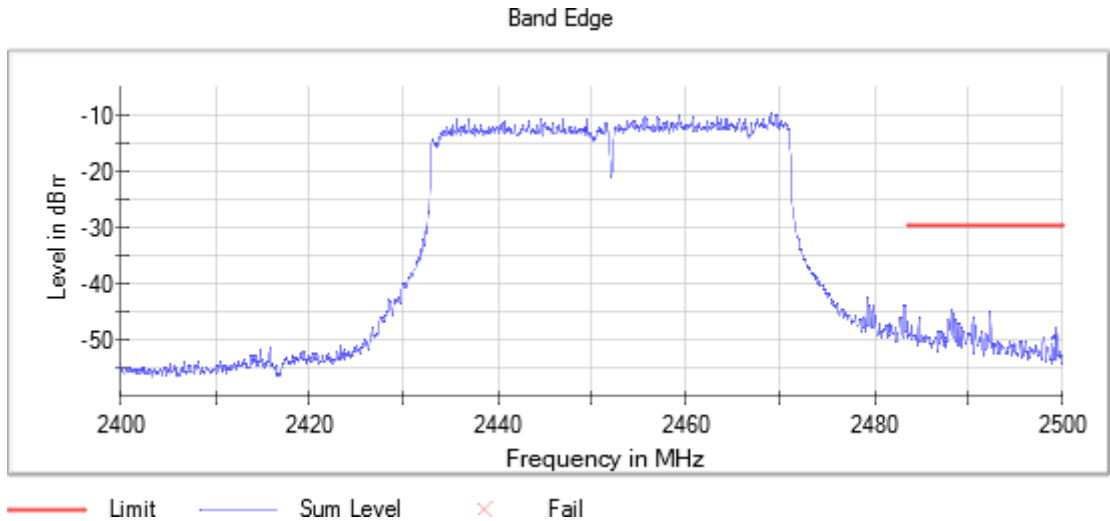
Equipment Type = Digital Transmission System (DTS)

Frequency MHz = 2452.00000

Active Port = 2

Modulation = 802.11ax HE40 SS1 (OFDMA MCS11)

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	0.000 dBm	0.000 dBm
Attenuation	20.000 dB	AUTO
Detector	Average	Average
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	9 / 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	0.000 dBm	0.000 dBm
Attenuation	20.000 dB	AUTO
Detector	Average	Average
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	128 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.28 dB	0.50 dB

Operation Band MHz = [2400, 2483.5]

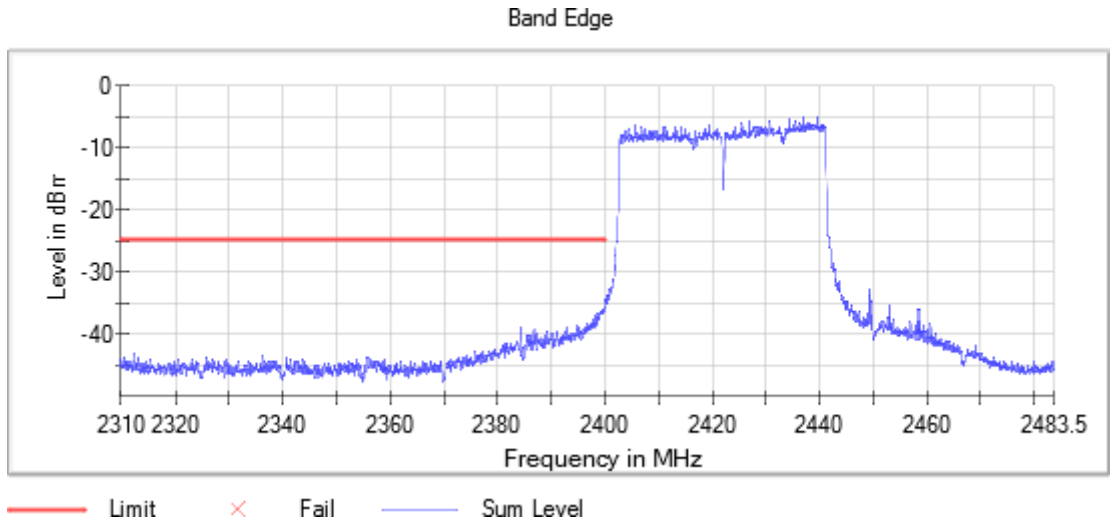
Equipment Type = Digital Transmission System (DTS)

Frequency MHz = 2422.00000

Active Port = 1+2

Modulation = 802.11ax HE40 SS1 (OFDMA MCS11)

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	Average	Average
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	8 / 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	Average	Average
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	81 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.04 dB	0.50 dB

Operation Band MHz = [2400, 2483.5]

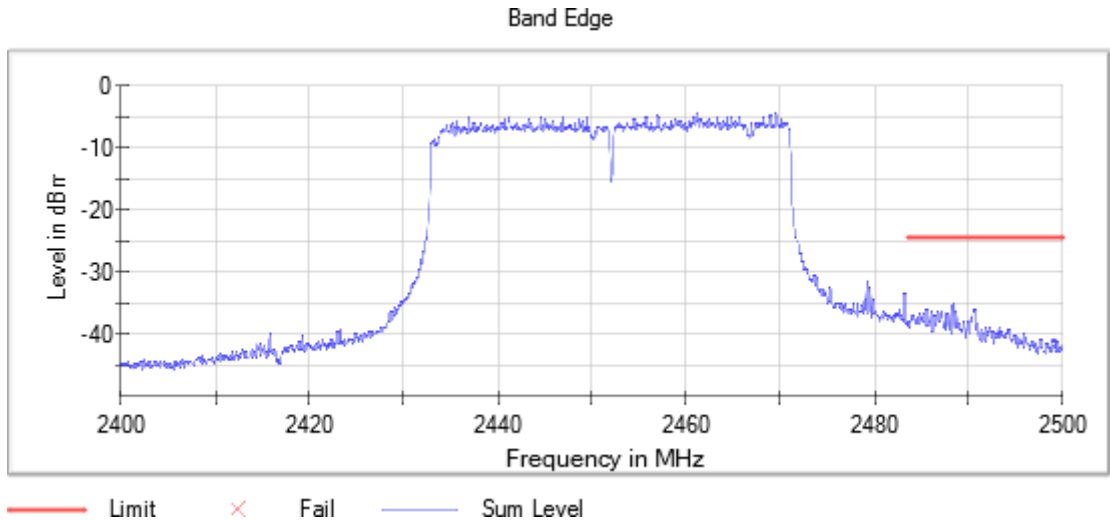
Equipment Type = Digital Transmission System (DTS)

Frequency MHz = 2452.00000

Active Port = 1+2

Modulation = 802.11ax HE40 SS1 (OFDMA MCS11)

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	Average	Average
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	8 / 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	Average	Average
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	81 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.04 dB	0.50 dB

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

Limits

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

Frequency Range (MHz)	Field strength ($\mu\text{V/m}$)	Field strength ($\text{dB}\mu\text{V/m}$)	Measurement distance (m)
0.009-0.490	2400/F(kHz)	-	300
0.490-1.705	24000/F(kHz)	-	30
1.705 - 30.0	30	-	30
30 - 88	100	40	3
88 - 216	150	43.5	3
216 - 960	200	46	3
Above 960	500	54	3

The emission limits shown in the above table are based on measurements employing CISPR quasi-peak detector except for the frequency bands 9-90 kHz, 110-490 kHz and above 1000 MHz. Radiated emission limits in these three bands are based on measurements employing an average detector.

For average radiated emission measurements above 1000 MHz, there is also a limit corresponding to 20 dB above the indicated values in the table is specified when measuring with peak detector function.

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

Frequency range tested for Radiated emissions:

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

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

Frequency range 9KHz – 30 MHz

No radiofrequency signal generated in the device was found below 10^o sub-harmonic, no further investigation required.

Modulation: BT (8-DPSK 3-DH5)
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]	Frequency Hopping Spread Spectrum systems (FHSS)	2402.00000	1	116.379	14.10	V	QP
					265.904	21.20	V	QP
					38.099	17.40	V	QP
					405.778	22.90	H	QP
					73.456	10.70	V	QP
					966.438	42.80	V	QP
[1, 18]			2441.00000		12043.500	44.70	V	AVG
					1449.500	40.00	V	AVG
					2274.000	45.40	V	AVG
					2402.000	95.70	V	AVG
					11652.000	44.10	V	AVG
					1449.500	39.80	V	AVG
			2480.00000		2313.000	46.10	V	AVG
					2441.000	91.70	V	AVG
					1449.500	38.50	V	AVG
					15823.000	46.60	V	AVG
					2352.000	46.70	V	AVG
					2480.000	94.70	V	AVG
[18, 26]			2402.00000		19269.500	40.30	V	AVG
			2441.00000		23943.500	41.70	V	AVG
			2480.00000		19429.500	40.30	H	AVG

Verdict

Pass

Attachments

Frequency Range GHz = [0.03, 1]

Operation Band MHz = [2400, 2483.5]

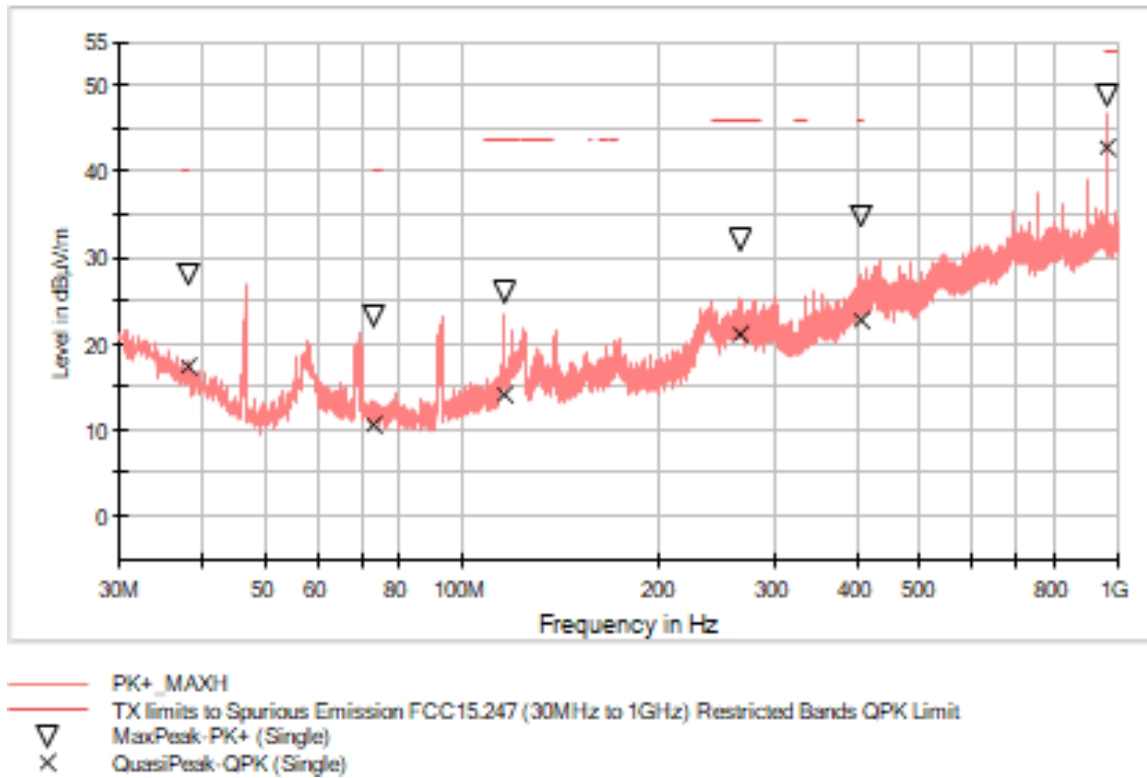
Equipment Type = Digital Transmission System (DTS) Frequency MHz = 2402.00000

Active Port = 1

Modulation = BT (8-DPSK 3-DH5)

Images:

RF_FCC_15.247_E Field_30MHz_1GHz_SAC2



Frequency Range GHz = [1, 18]

Operation Band MHz = [2400,
2483.5]

Equipment Type = Frequency Hopping Spread Spectrum systems
(FHSS)

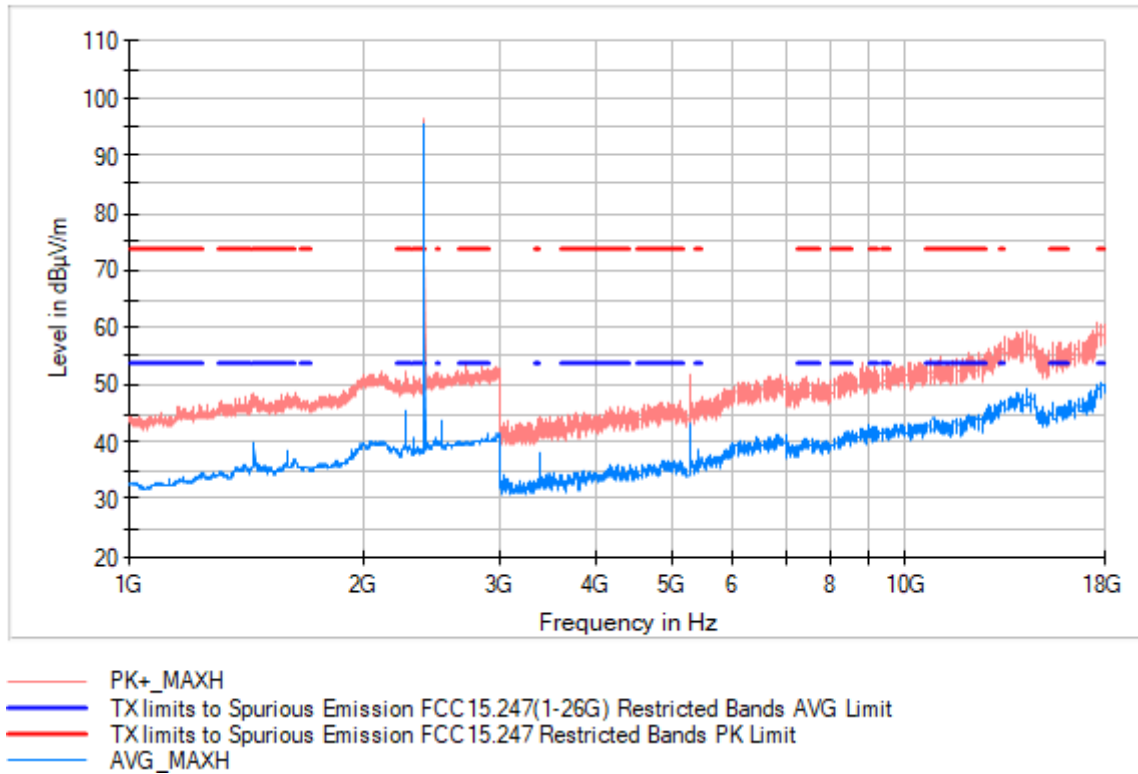
Frequency MHz = 2402.00000

Active Port = 1

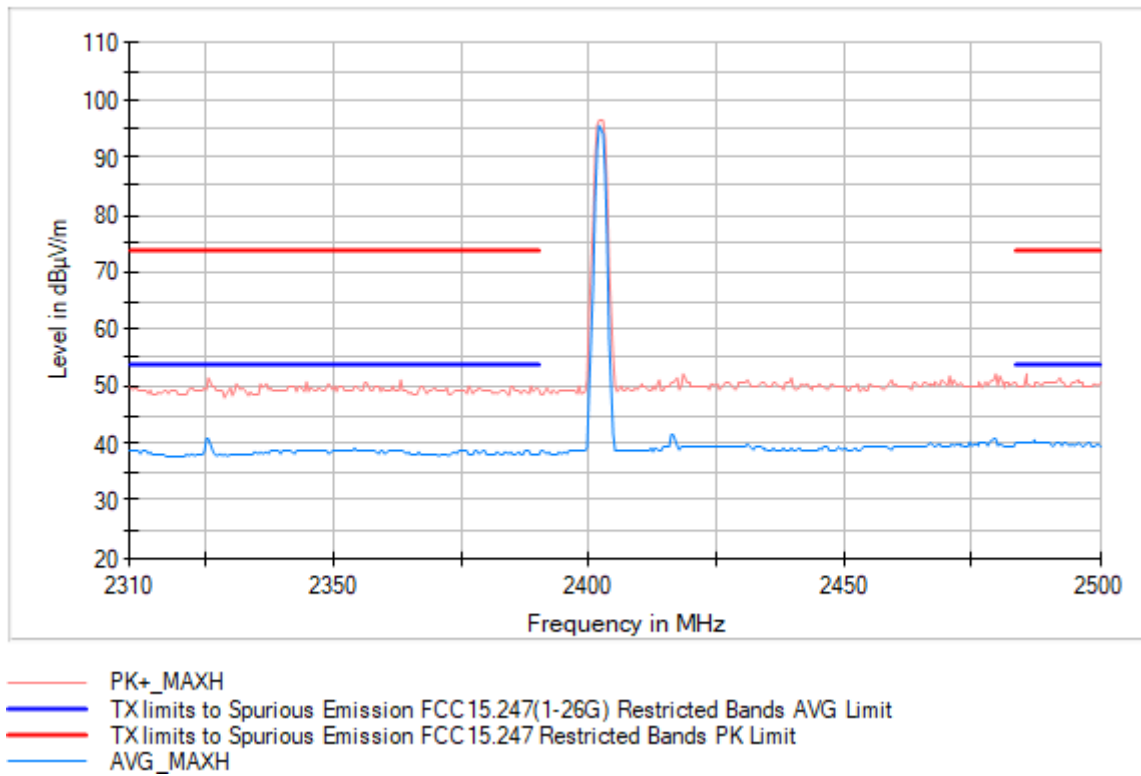
Modulation = BT (8-DPSK 3-DH5)

Images:

RF_FCC_15.247_E Field_1GHz_18GHz_HPF



Copy of RF_FCC_15.247_E Field_1GHz_18GHz_HPF



Frequency Range GHz = [1, 18]

Operation Band MHz = [2400,
2483.5]

Equipment Type = Frequency Hopping Spread Spectrum systems
(FHSS)

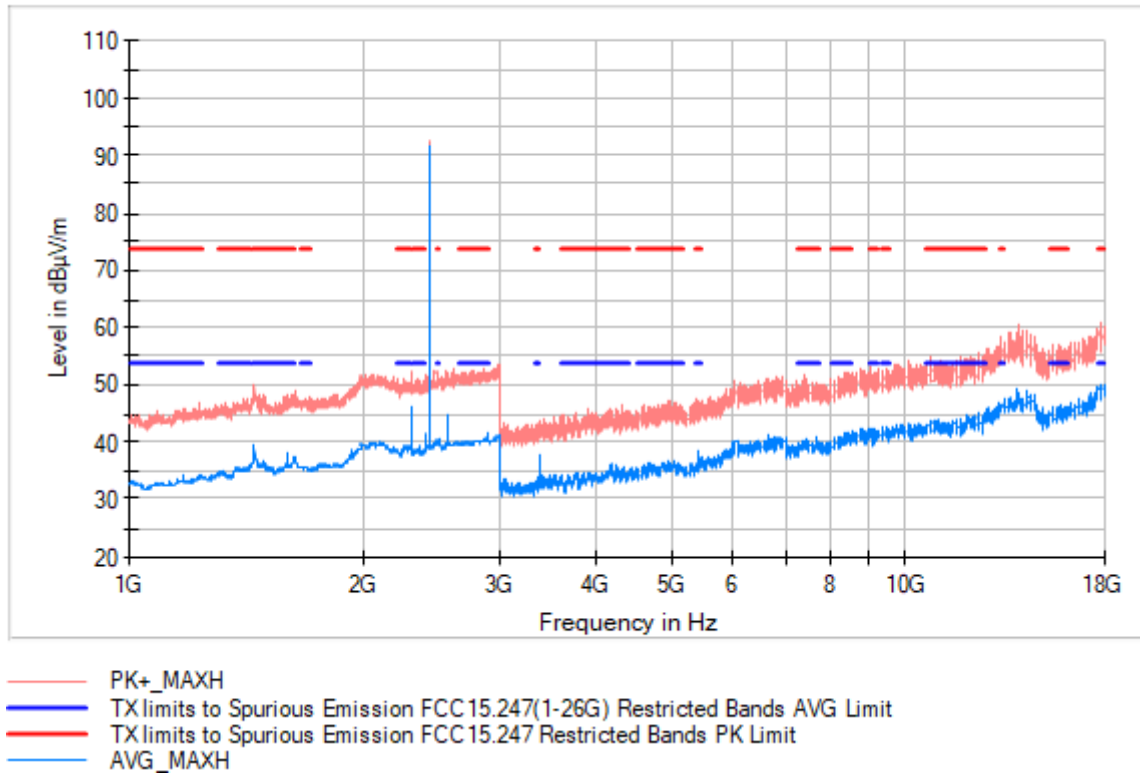
Frequency MHz = 2441.00000

Active Port = 1

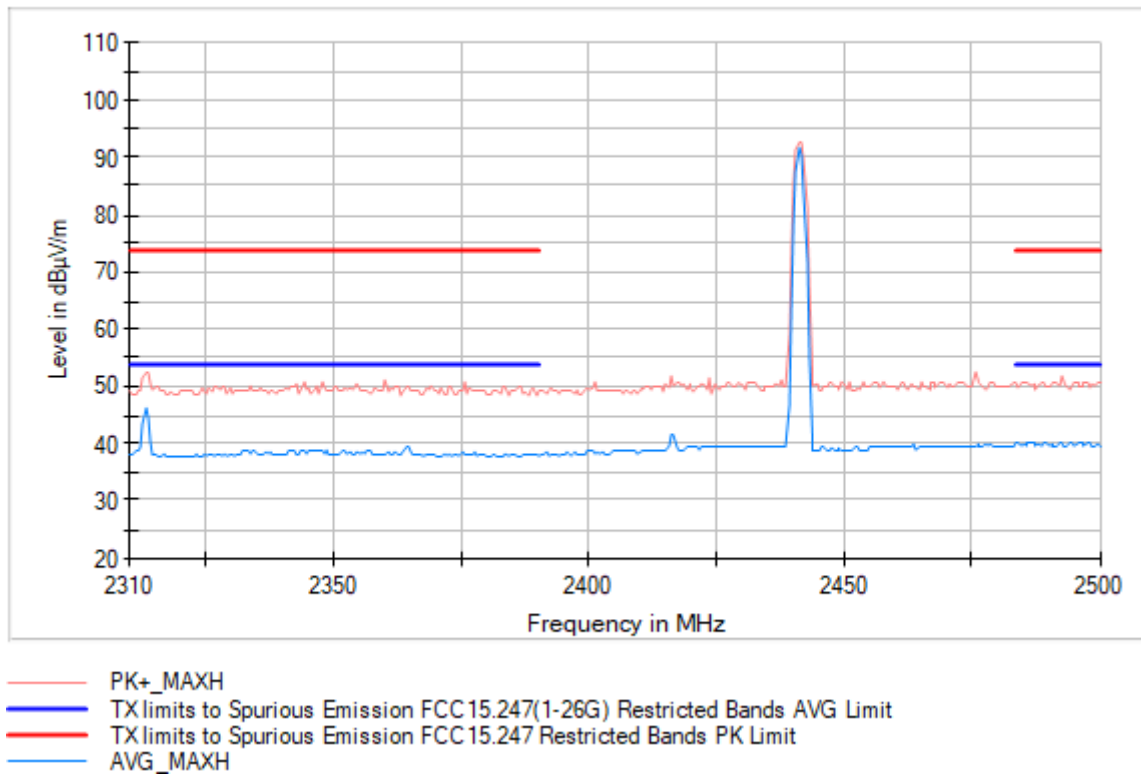
Modulation = BT (8-DPSK 3-DH5)

Images:

RF_FCC_15.247_E Field_1GHz_18GHz_HPF



Copy of RF_FCC_15.247_E Field_1GHz_18GHz_HPF



Frequency Range GHz = [1, 18]

Operation Band MHz = [2400,
2483.5]

Equipment Type = Frequency Hopping Spread Spectrum systems
(FHSS)

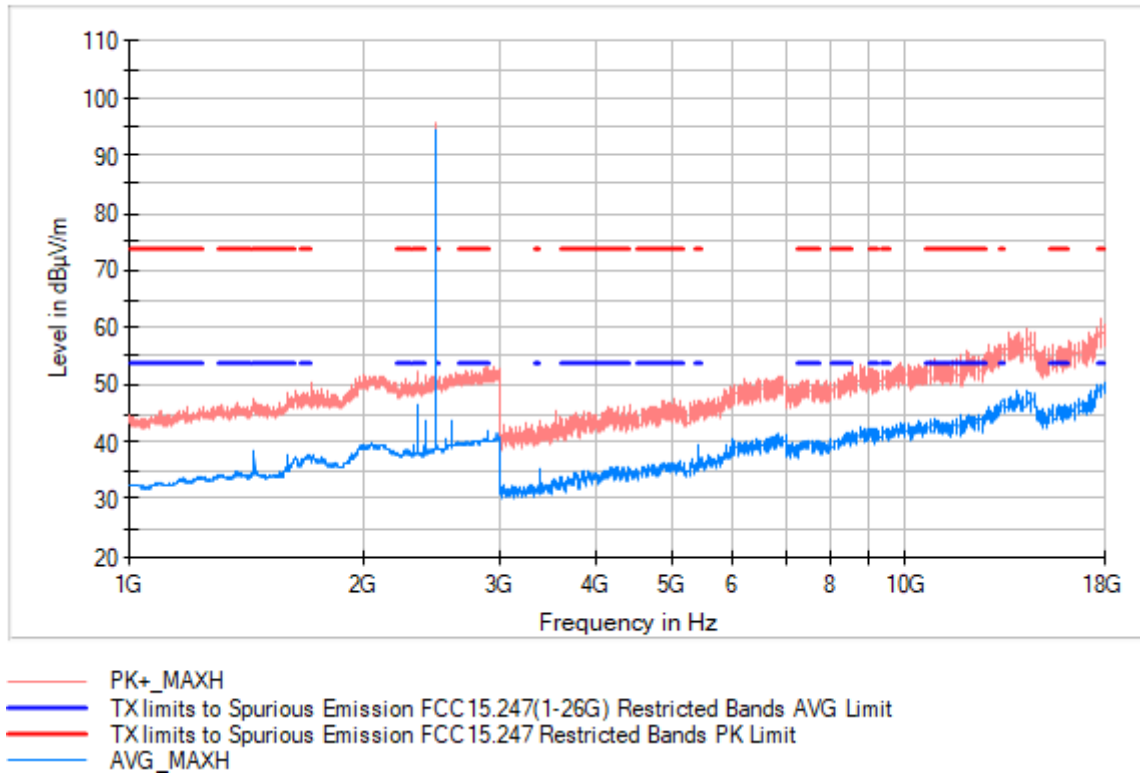
Frequency MHz = 2480.00000

Active Port = 1

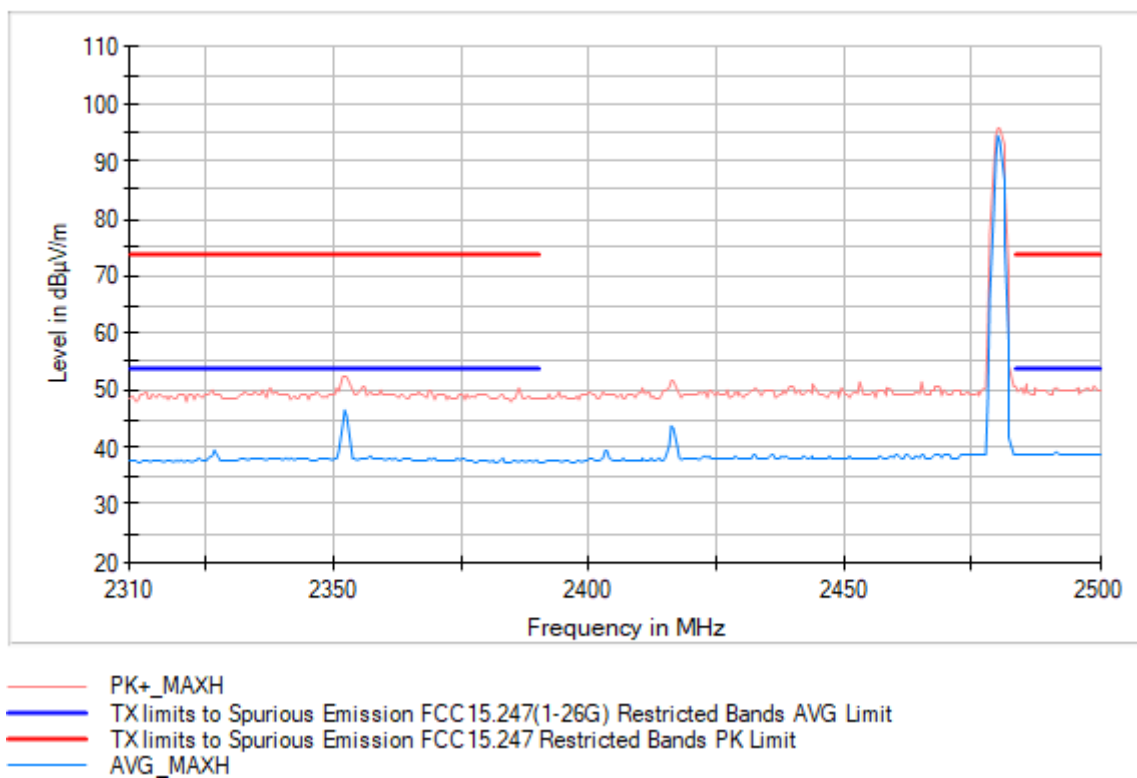
Modulation = BT (8-DPSK 3-DH5)

Images:

RF_FCC_15.247_E Field_1GHz_18GHz_HPF



Copy of RF_FCC_15.247_E Field_1GHz_18GHz_HPF



Frequency Range GHz = [18, 26]

Operation Band MHz = [2400,
2483.5]

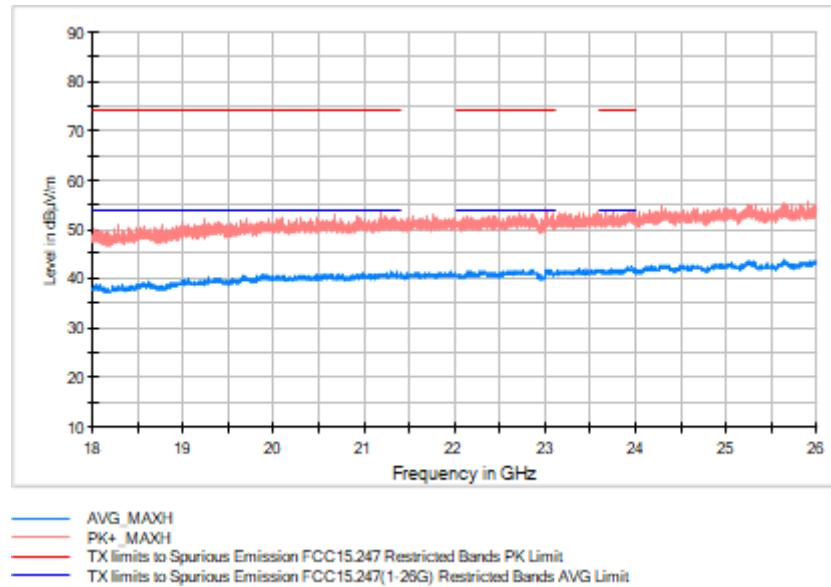
Equipment Type = Frequency Hopping Spread Spectrum systems
(FHSS)

Frequency MHz = 2402.00000

Active Port = 1

Modulation = BT (8-DPSK 3-DH5)

Images:



Frequency Range GHz = [18, 26]

Operation Band MHz = [2400,
2483.5]

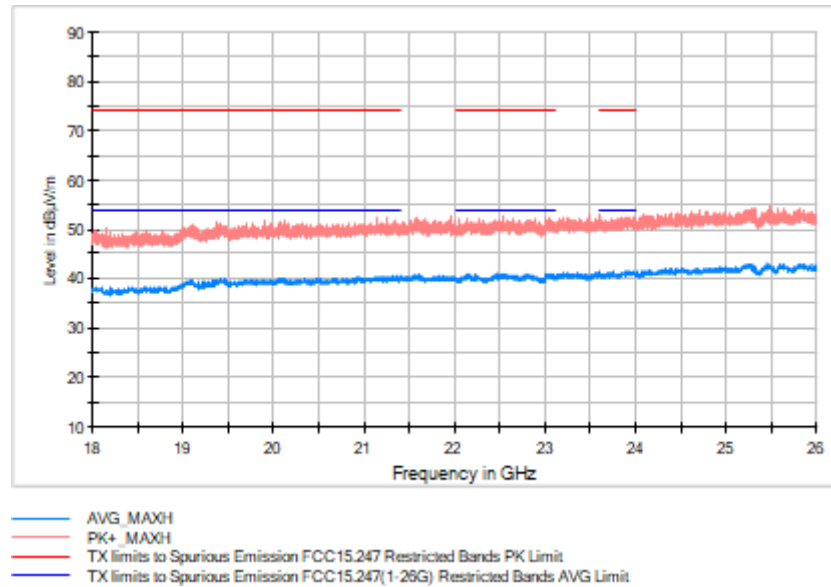
Equipment Type = Frequency Hopping Spread Spectrum systems
(FHSS)

Frequency MHz = 2441.00000

Active Port = 1

Modulation = BT (8-DPSK 3-DH5)

Images:



Frequency Range GHz = [18, 26]

Operation Band MHz = [2400,
2483.5]

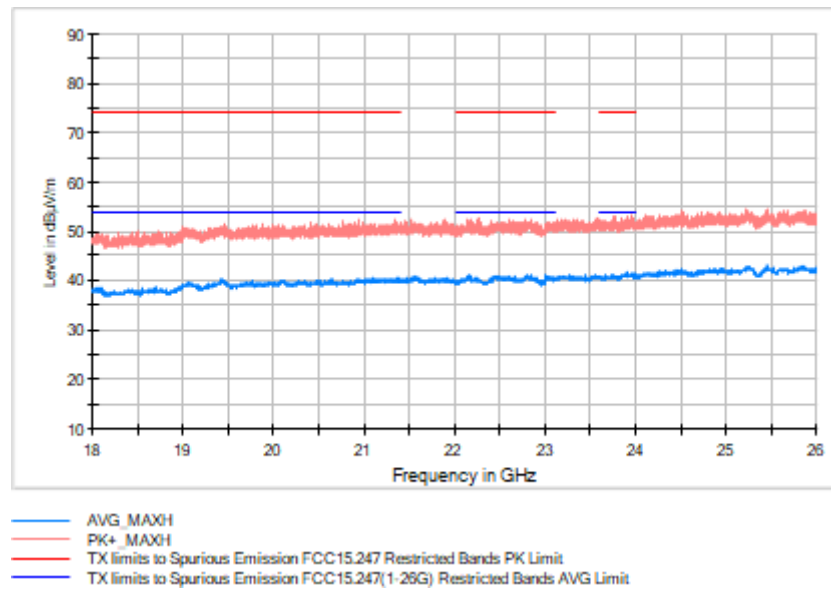
Equipment Type = Frequency Hopping Spread Spectrum systems
(FHSS)

Frequency MHz = 2480.00000

Active Port = 1

Modulation = BT (8-DPSK 3-DH5)

Images:



Modulation: BTLE 5.0 (GFSK 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)	2402.00000	1	115.942	16.00	V	QP	
					266.971	21.10	V	QP	
					37.566	17.80	V	QP	
					408.882	22.50	H	QP	
					73.941	13.70	V	QP	
					966.486	44.50	V	QP	
[1, 18]			16069.500		46.70	V	AVG		
			2274.000		45.50	V	AVG		
			2402.500		94.00	V	AVG		
			11952.500		44.00	V	AVG		
			2312.000		46.10	V	AVG		
			2440.000		92.10	V	AVG		
			2480.00000		15883.500	45.90	V	AVG	
					2348.500	38.20	V	AVG	
					2480.000	93.40	V	AVG	
					[18, 26]	2402.00000	23693.000	41.60	H
			2440.00000			23902.500	41.30	V	AVG
			2480.00000			23851.000	41.40	H	AVG

Verdict

Pass

Attachments

Frequency Range GHz = [0.03, 1]

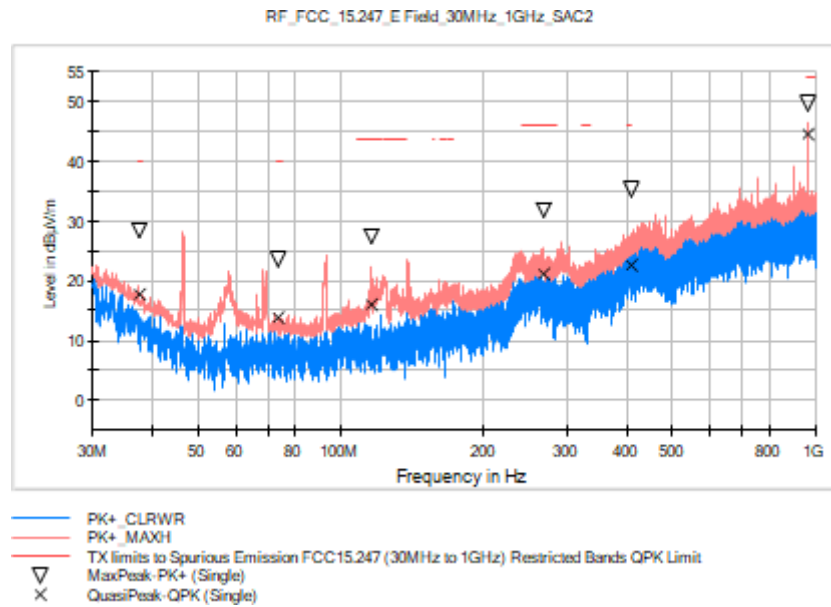
Operation Band MHz = [2400, 2483.5]

Equipment Type = Digital Transmission System (DTS) Frequency MHz = 2402.00000

Active Port = 1

Modulation = BTLE 5.0 (GFSK 1 Mbit/s)

Images:



Frequency Range GHz = [1, 18]

Operation Band MHz = [2400, 2483.5]

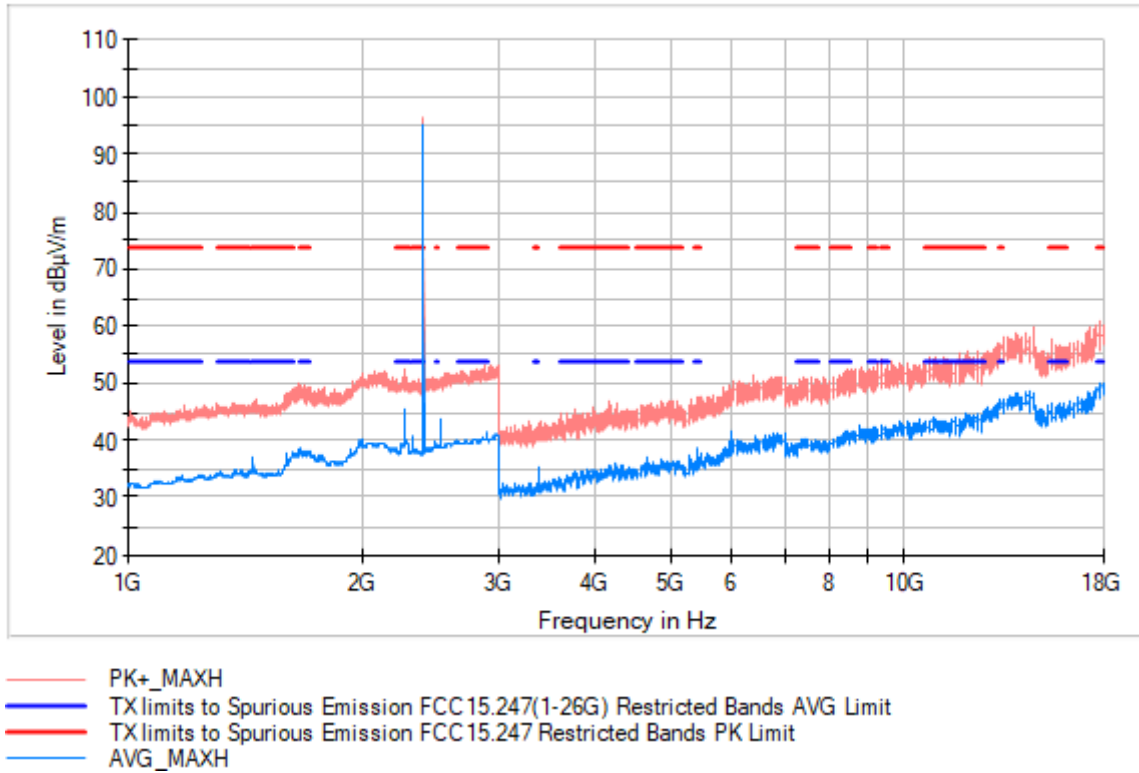
Equipment Type = Digital Transmission System (DTS) Frequency MHz = 2402.00000

Active Port = 1

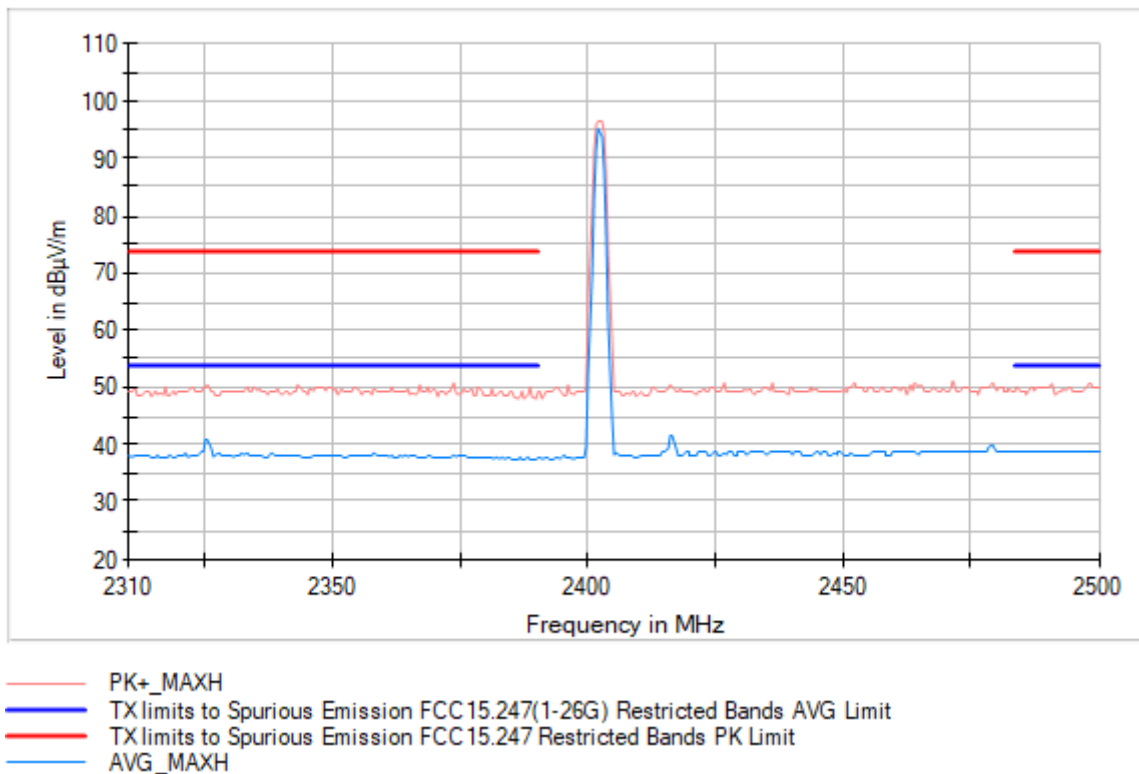
Modulation = BTLE 5.0 (GFSK 1 Mbit/s)

Images:

RF_FCC_15.247_E Field_1GHz_18GHz_HPF



Copy of RF_FCC_15.247_E Field_1GHz_18GHz_HPF



Frequency Range GHz = [1, 18]

Operation Band MHz = [2400, 2483.5]

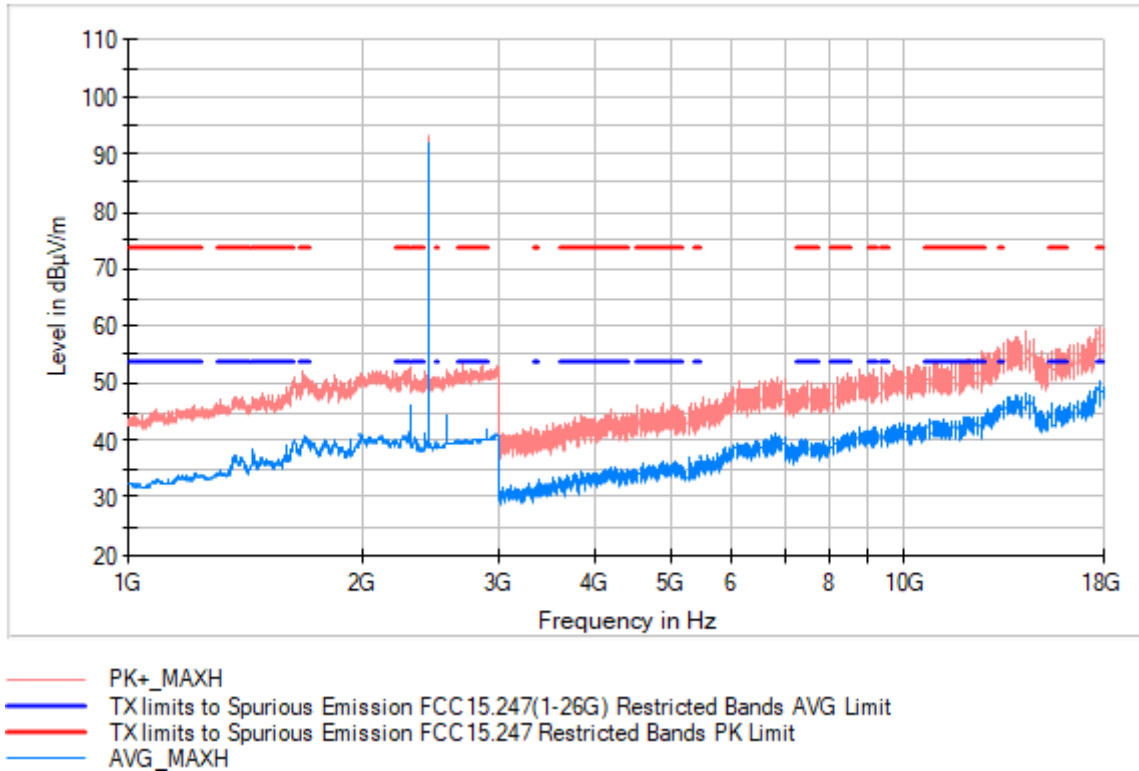
Equipment Type = Digital Transmission System (DTS) Frequency MHz = 2440.00000

Active Port = 1

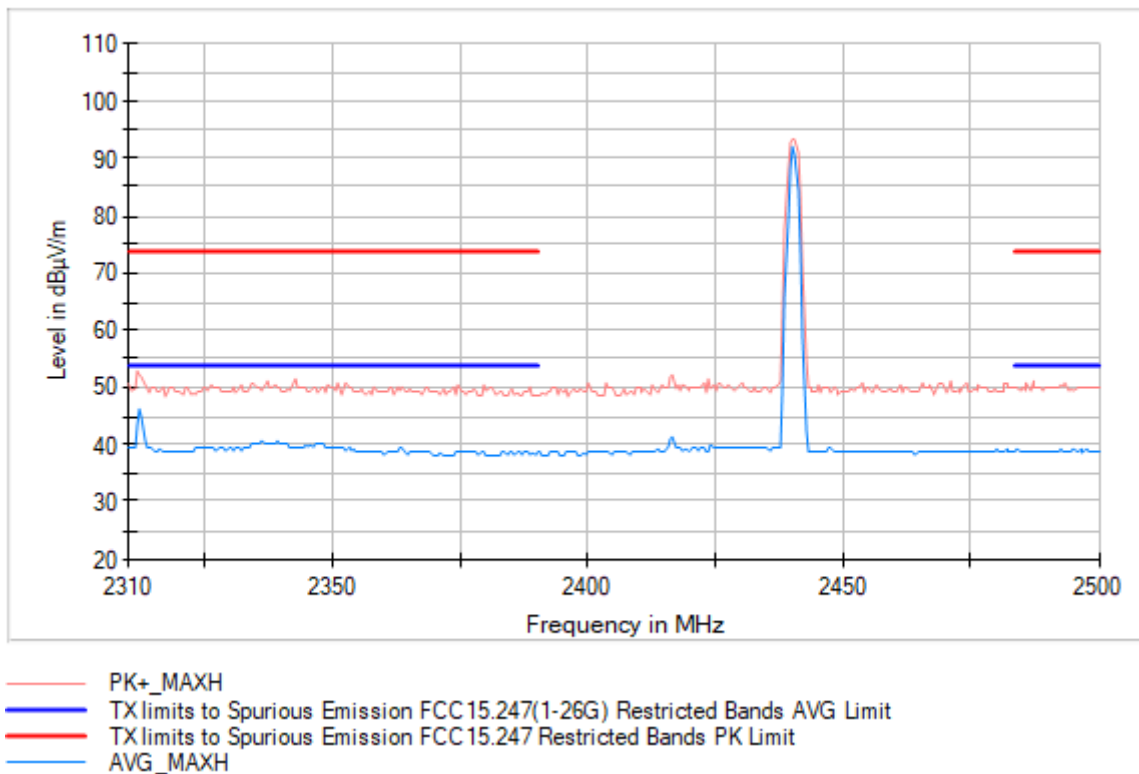
Modulation = BTLE 5.0 (GFSK 1 Mbit/s)

Images:

RF_FCC_15.247_E Field_1GHz_18GHz_HPF



Copy of RF_FCC_15.247_E Field_1GHz_18GHz_HPF



Frequency Range GHz = [1, 18]

Operation Band MHz = [2400, 2483.5]

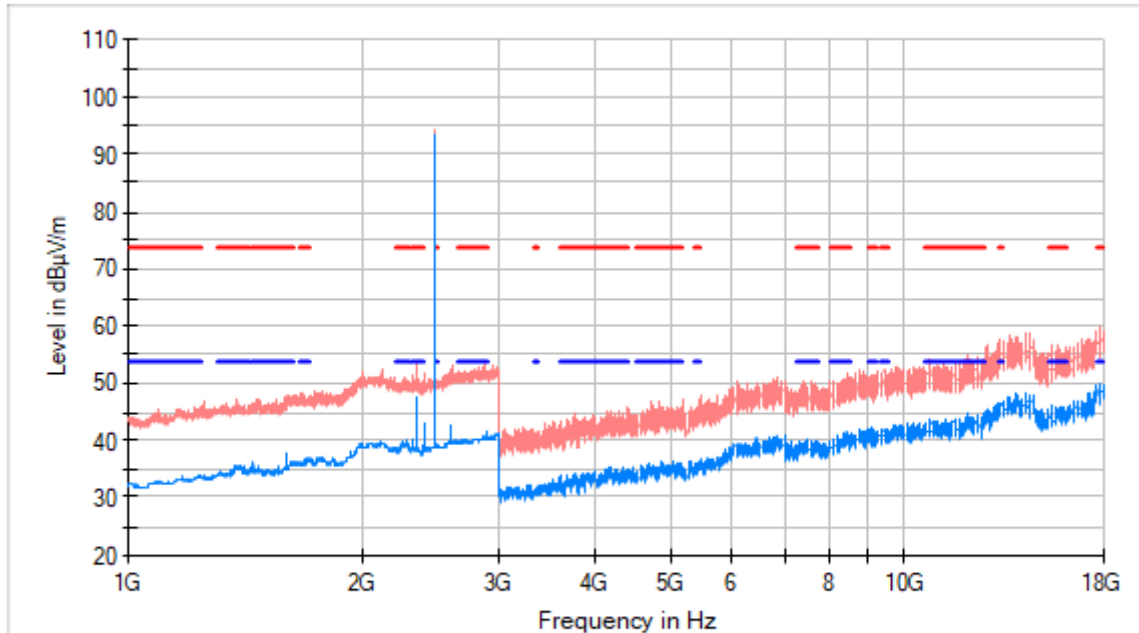
Equipment Type = Digital Transmission System (DTS) Frequency MHz = 2480.00000

Active Port = 1

Modulation = BTLE 5.0 (GFSK 1 Mbit/s)

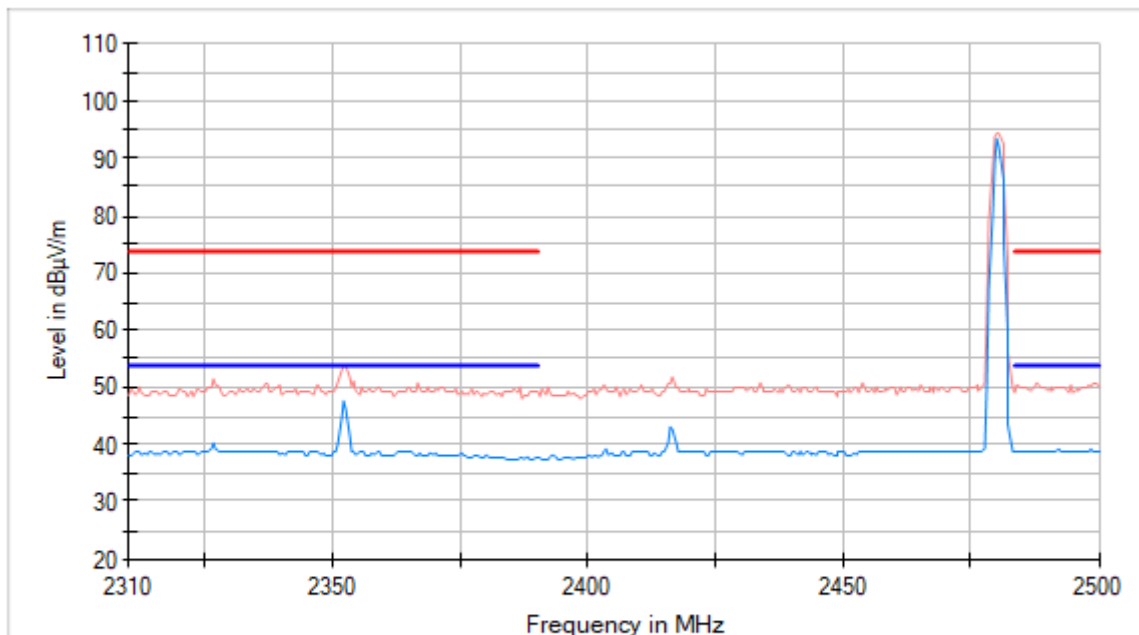
Images:

RF_FCC_15.247_E Field_1GHz_18GHz_HPF



PK+_MAXH
TX limits to Spurious Emission FCC 15.247(1-26G) Restricted Bands AVG Limit
TX limits to Spurious Emission FCC 15.247 Restricted Bands PK Limit
AVG_MAXH

Copy of RF_FCC_15.247_E Field_1GHz_18GHz_HPF



PK+_MAXH
TX limits to Spurious Emission FCC 15.247(1-26G) Restricted Bands AVG Limit
TX limits to Spurious Emission FCC 15.247 Restricted Bands PK Limit
AVG_MAXH

Frequency Range GHz = [18, 26]

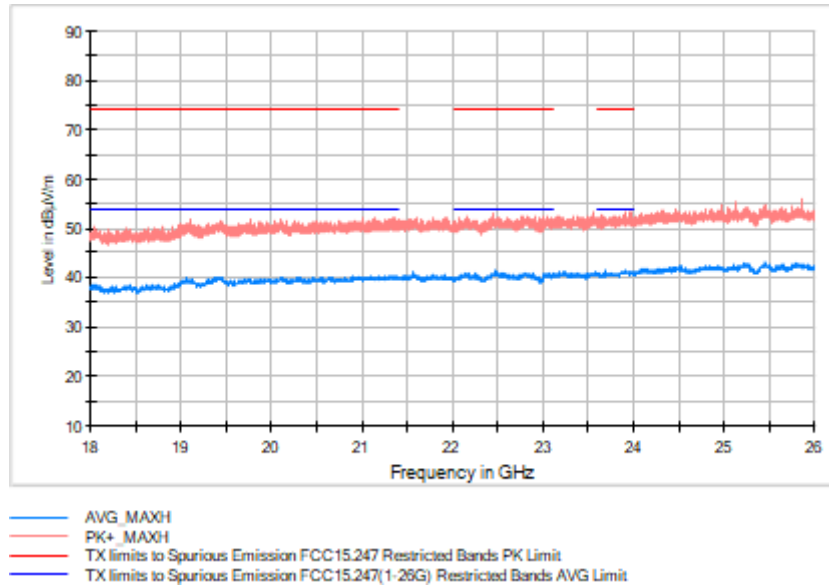
Operation Band MHz = [2400, 2483.5]

Equipment Type = Digital Transmission System (DTS) Frequency MHz = 2402.00000

Active Port = 1

Modulation = BTLE 5.0 (GFSK 1 Mbit/s)

Images:



Frequency Range GHz = [18, 26]

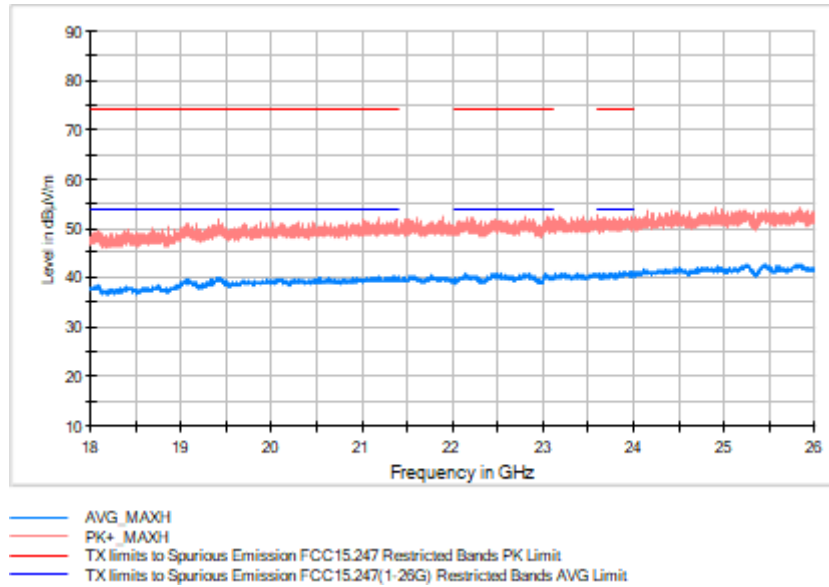
Operation Band MHz = [2400, 2483.5]

Equipment Type = Digital Transmission System (DTS) Frequency MHz = 2440.00000

Active Port = 1

Modulation = BTLE 5.0 (GFSK 1 Mbit/s)

Images:



Frequency Range GHz = [18, 26]

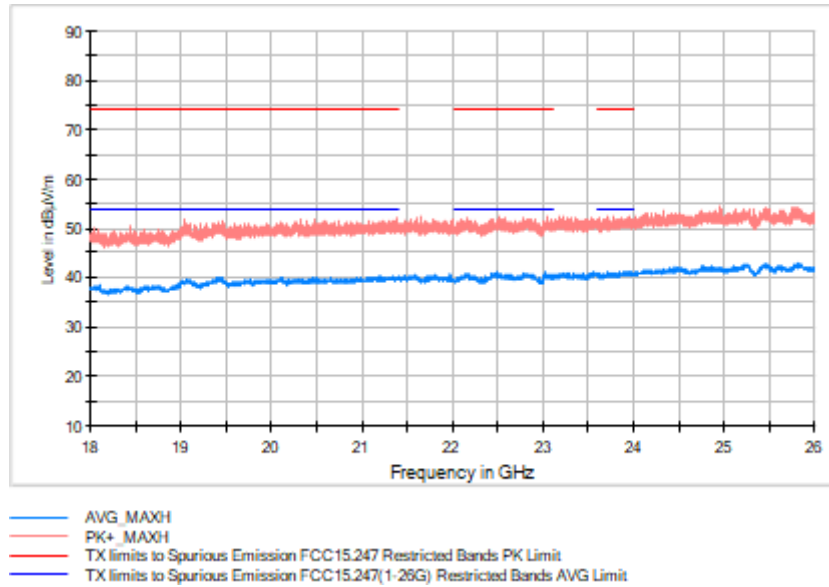
Operation Band MHz = [2400, 2483.5]

Equipment Type = Digital Transmission System (DTS) Frequency MHz = 2480.00000

Active Port = 1

Modulation = BTLE 5.0 (GFSK 1 Mbit/s)

Images:



Modulation: 802.11b (DSSS 11 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+2	37.906	15.30	H	QP
					74.087	10.90	V	QP
					164.636	14.10	V	QP
					280.551	17.20	V	QP
					400.152	23.00	V	QP
					611.758	28.80	V	QP
[1, 18]			2437.00000		2399.500	45.10	H	AVG
					2412.000	89.00	H	AVG
			2462.00000		2437.000	88.00	H	AVG
					2493.500	42.40	V	AVG
[18, 26]			2412.00000		2462.000	87.60	V	AVG
					20625.500	40.40	V	AVG
			2437.00000		22697.000	40.20	V	AVG
					2462.00000	22676.000	41.90	V
	23851.000	43.30	V	AVG				

Verdict

Pass

Attachments

Frequency Range GHz = [0.03, 1]

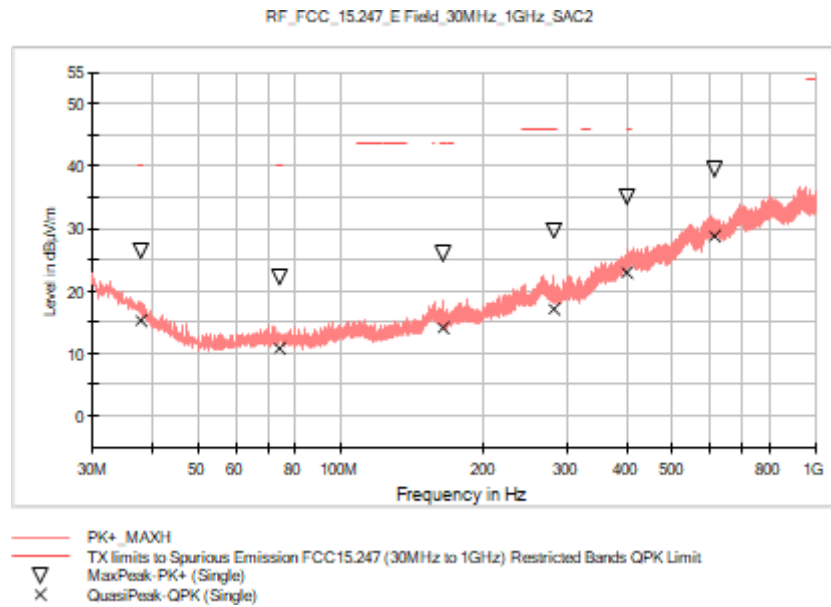
Operation Band MHz = [2400, 2483.5]

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

Active Port = 1+2

Modulation = 802.11b (DSSS 11 Mbit/s)

Images:



Frequency Range GHz = [1, 18]

Operation Band MHz = [2400, 2483.5]

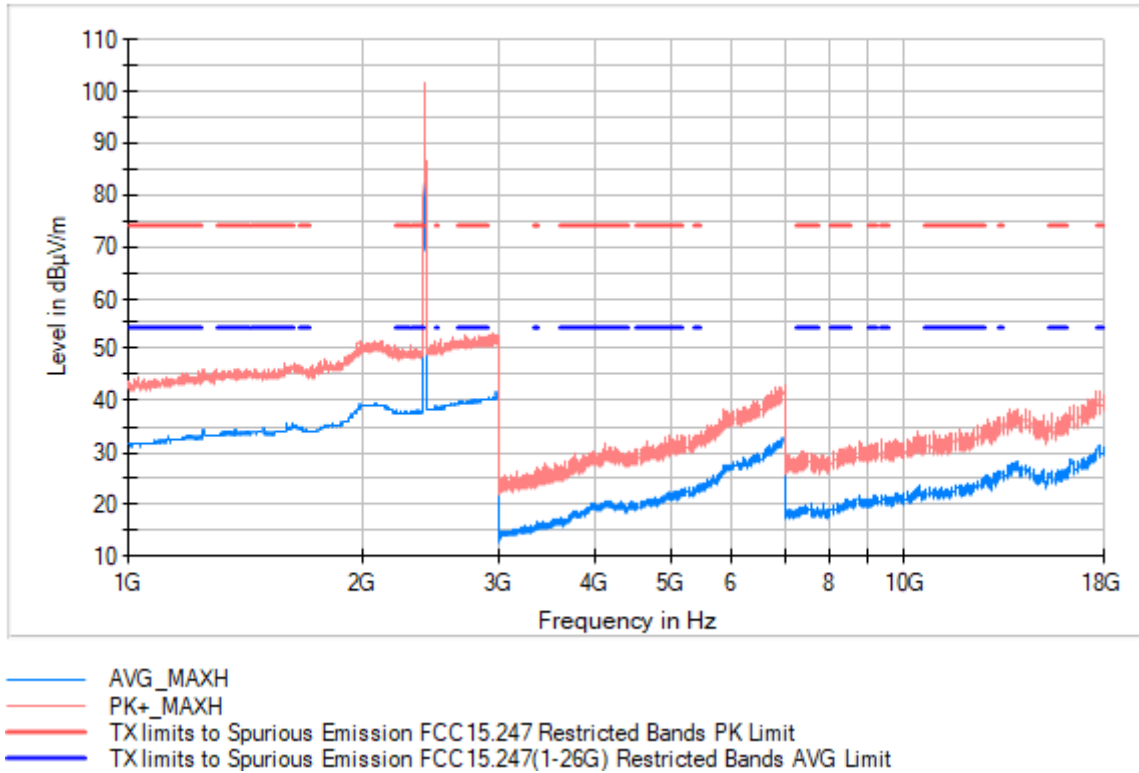
Equipment Type = Digital Transmission System (DTS) Frequency MHz = 2412.00000

Active Port = 1+2

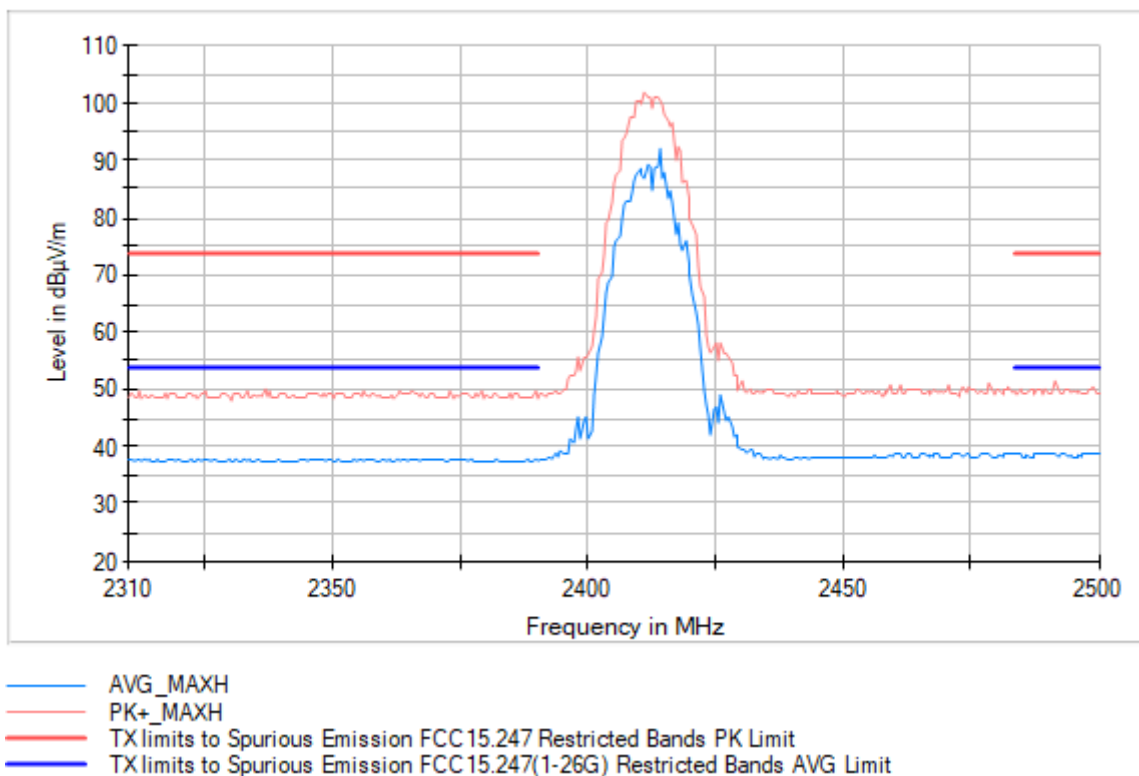
Modulation = 802.11b (DSSS 11 Mbit/s)

Images:

RF_FCC_15.247_E Field_1GHz_18GHz_HPF



FCC_15.247_E Field_2.31GHz_2.5GHz_HPF



Frequency Range GHz = [1, 18]

Operation Band MHz = [2400, 2483.5]

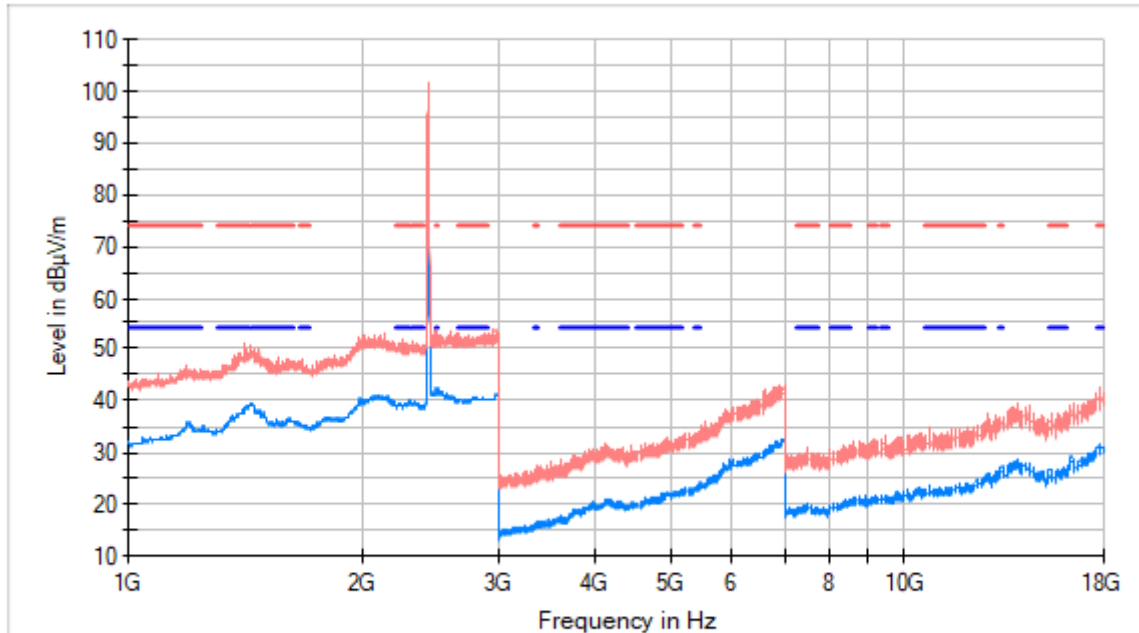
Equipment Type = Digital Transmission System (DTS) Frequency MHz = 2437.00000

Active Port = 1+2

Modulation = 802.11b (DSSS 11 Mbit/s)

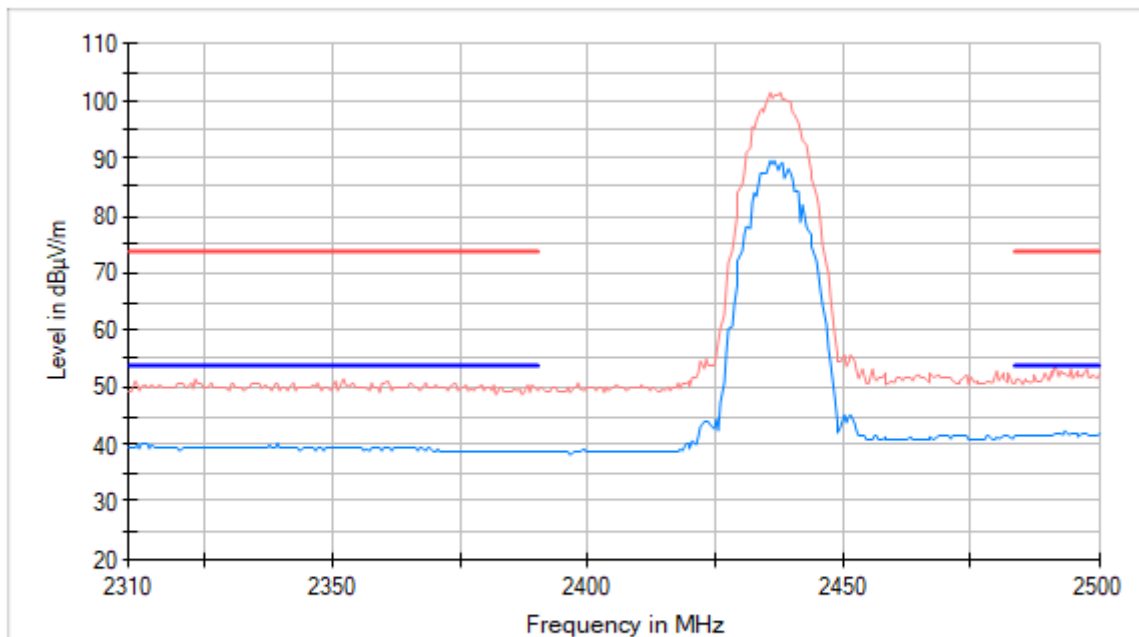
Images:

RF_FCC_15.247_E Field_1GHz_18GHz_HPF



— AVG_MAXH
— PK+_MAXH
— TX limits to Spurious Emission FCC 15.247 Restricted Bands PK Limit
— TX limits to Spurious Emission FCC 15.247(1-26G) Restricted Bands AVG Limit

FCC_15.247_E Field_2.31GHz_2.5GHz_HPF



— AVG_MAXH
— PK+_MAXH
— TX limits to Spurious Emission FCC 15.247 Restricted Bands PK Limit
— TX limits to Spurious Emission FCC 15.247(1-26G) Restricted Bands AVG Limit

Frequency Range GHz = [1, 18]

Operation Band MHz = [2400, 2483.5]

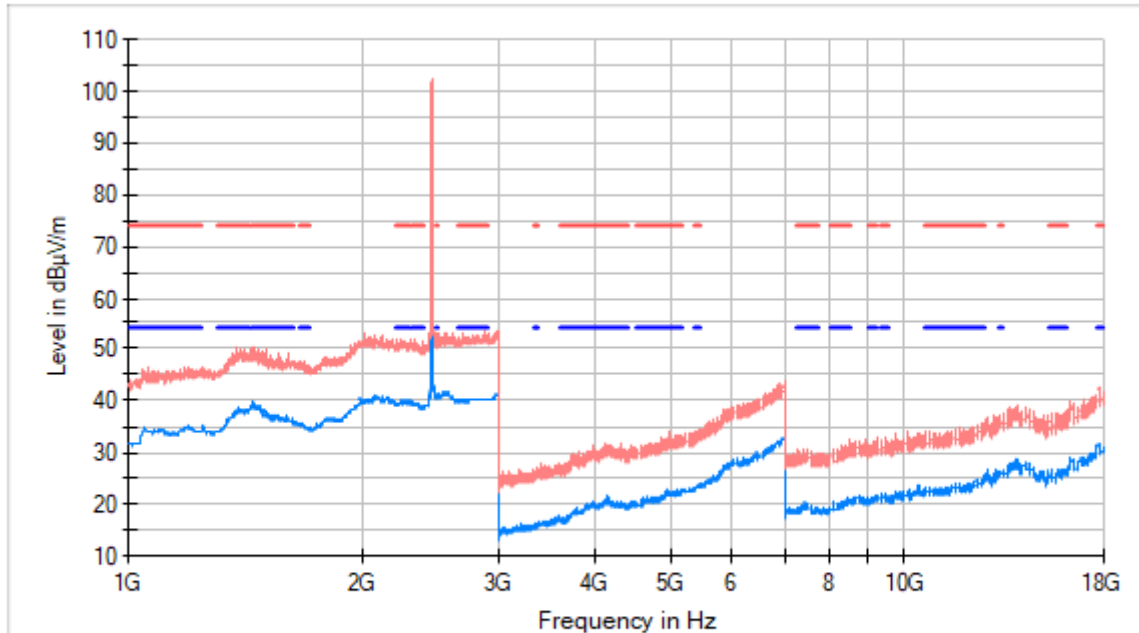
Equipment Type = Digital Transmission System (DTS) Frequency MHz = 2462.00000

Active Port = 1+2

Modulation = 802.11b (DSSS 11 Mbit/s)

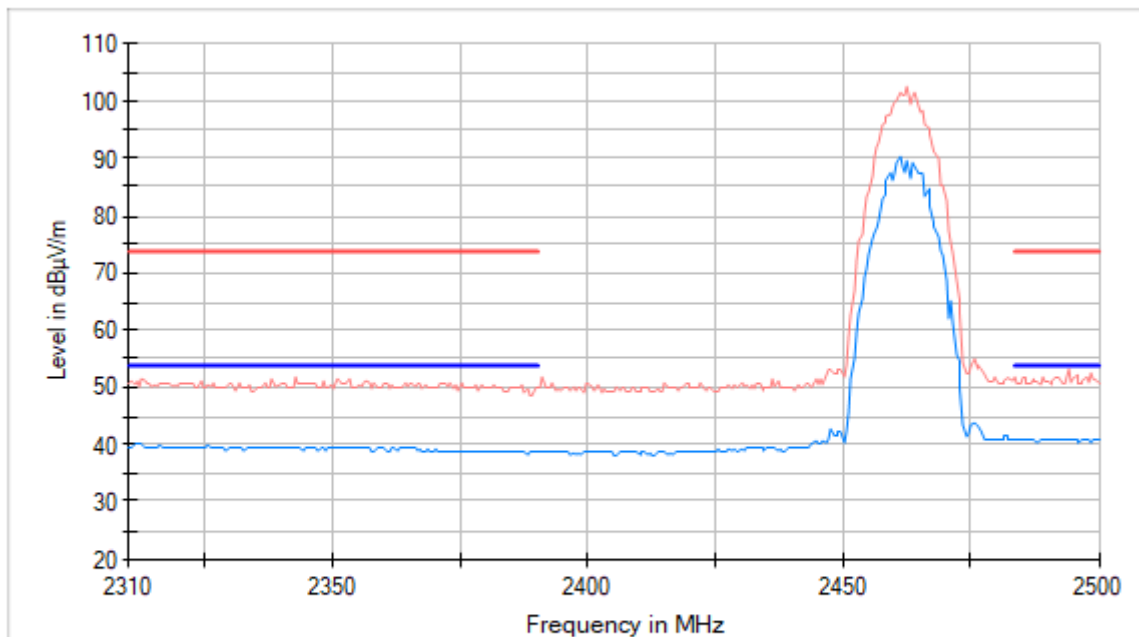
Images:

RF_FCC_15.247_E Field_1GHz_18GHz_HPF



— AVG_MAXH
— PK+_MAXH
— TX limits to Spurious Emission FCC 15.247 Restricted Bands PK Limit
— TX limits to Spurious Emission FCC 15.247(1-26G) Restricted Bands AVG Limit

FCC_15.247_E Field_2.31GHz_2.5GHz_HPF



— AVG_MAXH
— PK+_MAXH
— TX limits to Spurious Emission FCC 15.247 Restricted Bands PK Limit
— TX limits to Spurious Emission FCC 15.247(1-26G) Restricted Bands AVG Limit

Frequency Range GHz = [18, 26]

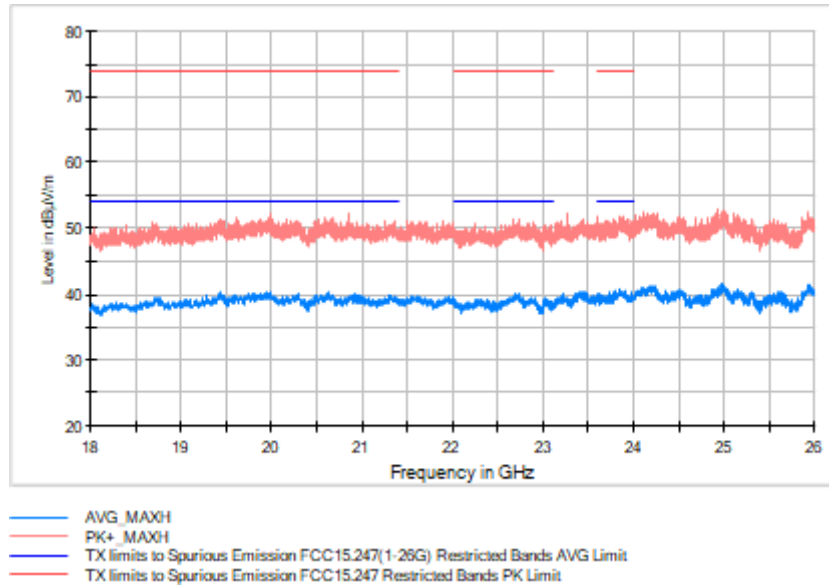
Operation Band MHz = [2400, 2483.5]

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

Active Port = 1+2

Modulation = 802.11b (DSSS 11 Mbit/s)

Images:



Frequency Range GHz = [18, 26]

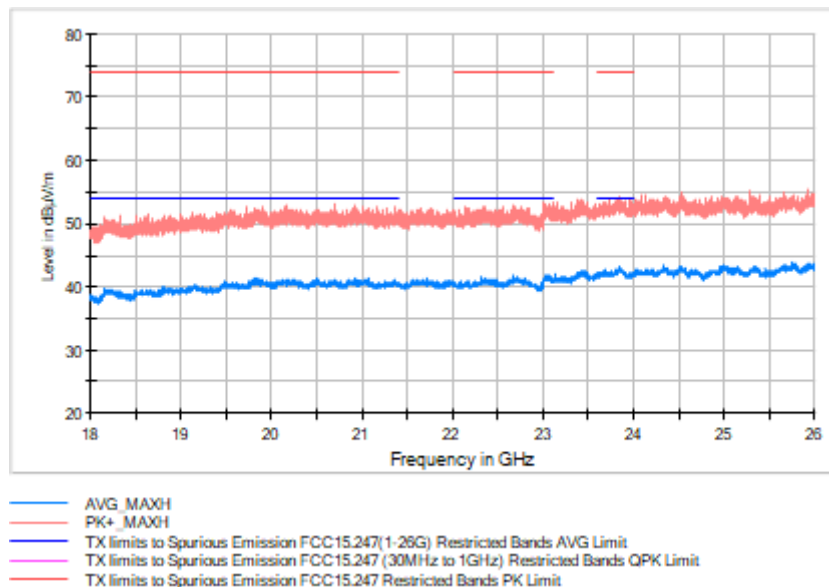
Operation Band MHz = [2400, 2483.5]

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

Active Port = 1+2

Modulation = 802.11b (DSSS 11 Mbit/s)

Images:



Frequency Range GHz = [18, 26]

Operation Band MHz = [2400, 2483.5]

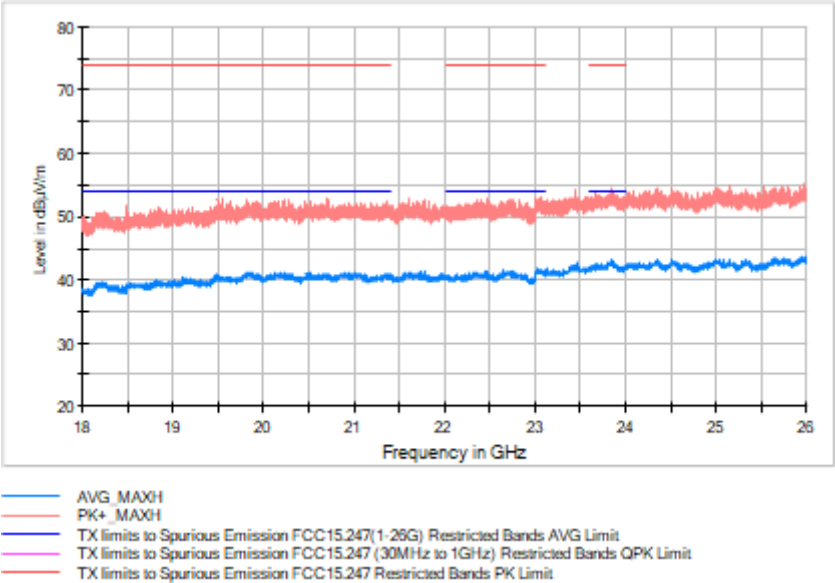
Equipment Type = Digital Transmission System (DTS)

Frequency MHz = 2462.00000

Active Port = 1+2

Modulation = 802.11b (DSSS 11 Mbit/s)

Images:



Modulation: 802.11g (OFDM 54 Mbit/s)

Results

Freq Rng (GHz)	Operation Band (MHz)	Equipment	Freq (MHz)	Port	Unwanted Freq (MHz)	Unwanted Lvl (dBμV/m)	Pol	Detector
[1, 18]	[2400, 2483.5]	Digital Transmission System (DTS)	2412.00000	1+2	2390.000	48.90	V	AVG
					2412.000	87.80	V	AVG
			2437.00000		2437.000	91.50	H	AVG
			2462.00000		2462.000	90.90	V	AVG
					2483.500	53.50	H	AVG
[18, 26]			2412.00000		22637.500	41.60	V	AVG
			2437.00000		19464.500	40.80	V	AVG
			2462.00000		22679.000	41.80	V	AVG

Verdict

Pass

Attachments

Frequency Range GHz = [1, 18]

Operation Band MHz = [2400, 2483.5]

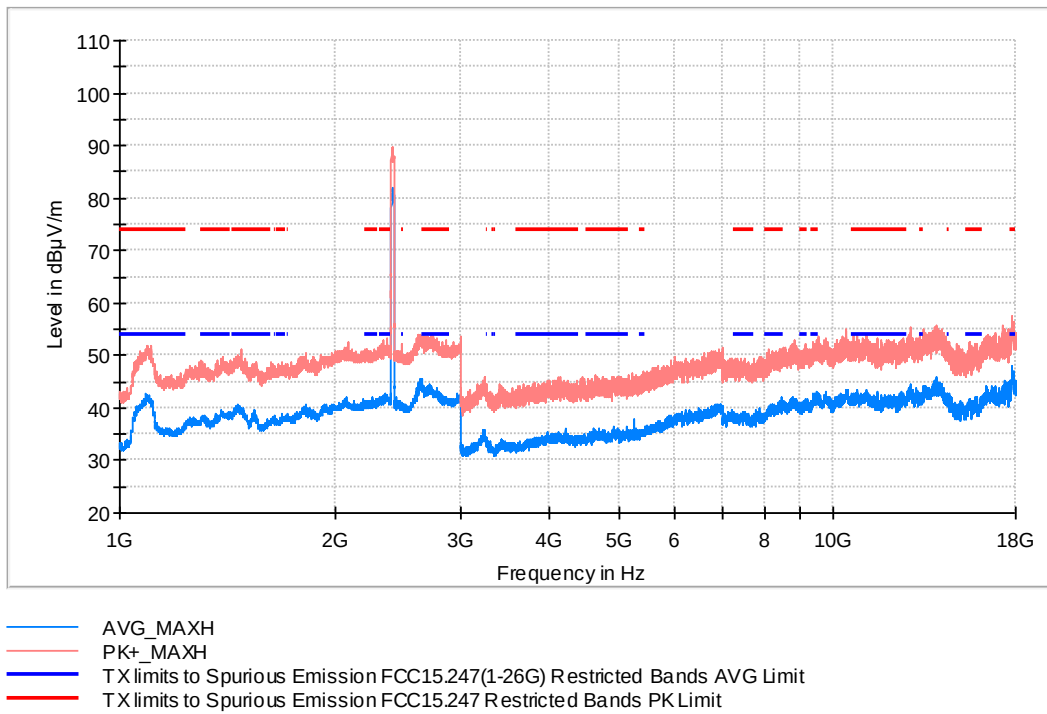
Equipment Type = Digital Transmission System (DTS) Frequency MHz = 2412.00000

Active Port = 1+2

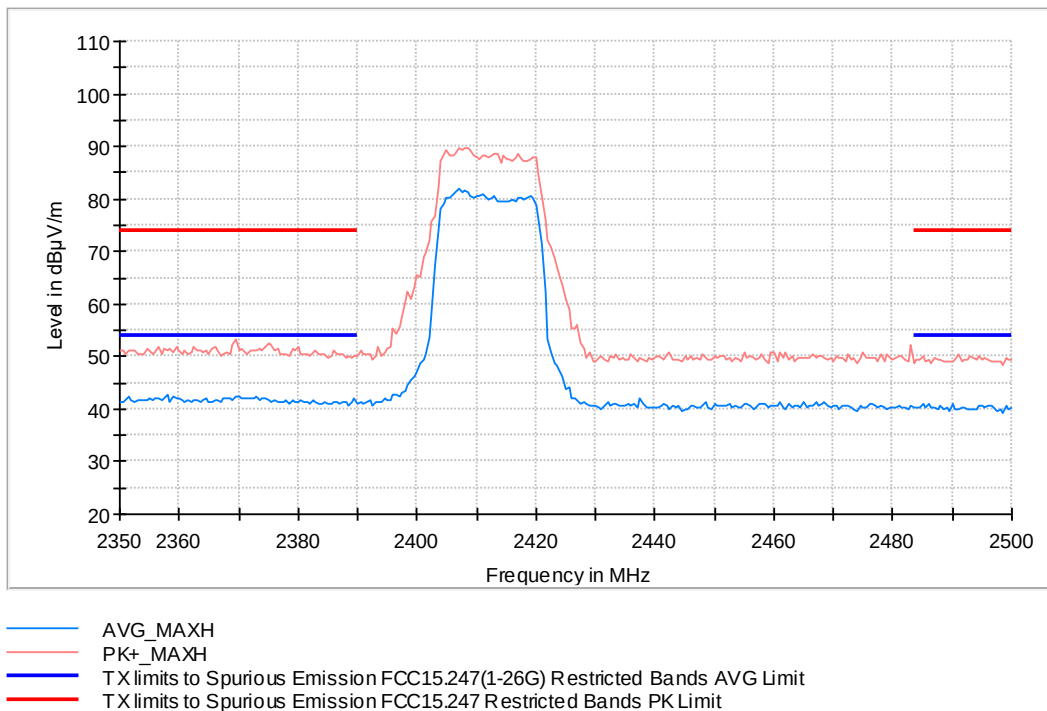
Modulation = 802.11g (OFDM 54 Mbit/s)

Images:

RF_FCC_15.247_E Field_1GHz_18GHz_HPF(SAC2)



FCC_15.247_E Field_2.35GHz_2.5GHz_HPF(SAC2)



Frequency Range GHz = [1, 18]

Operation Band MHz = [2400, 2483.5]

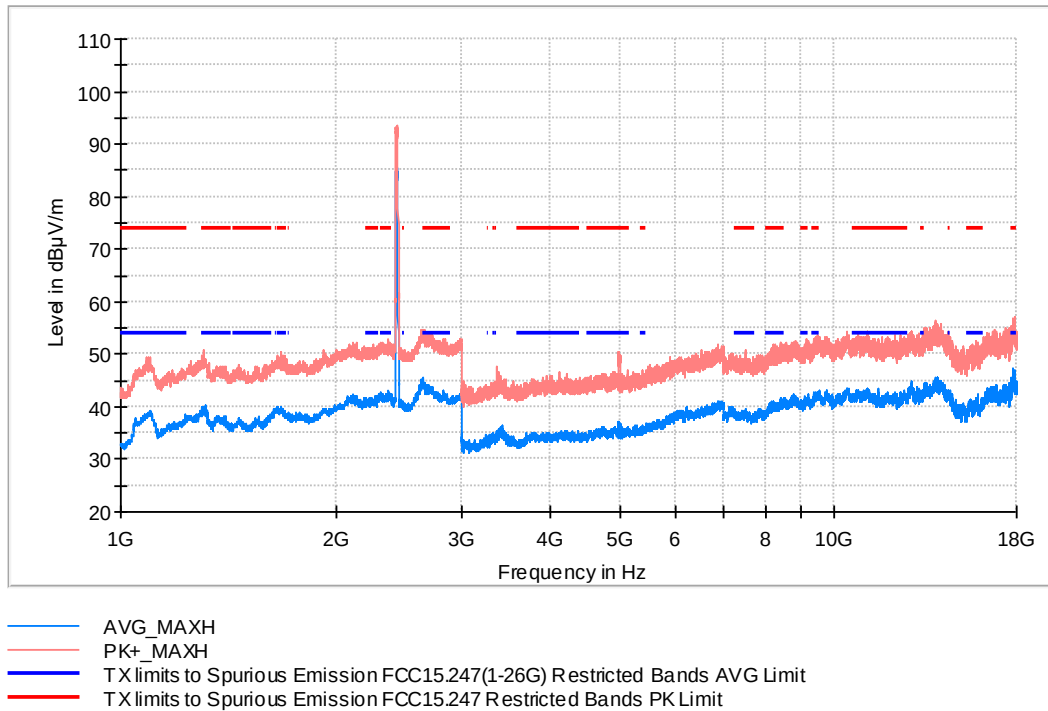
Equipment Type = Digital Transmission System (DTS) Frequency MHz = 2437.00000

Active Port = 1+2

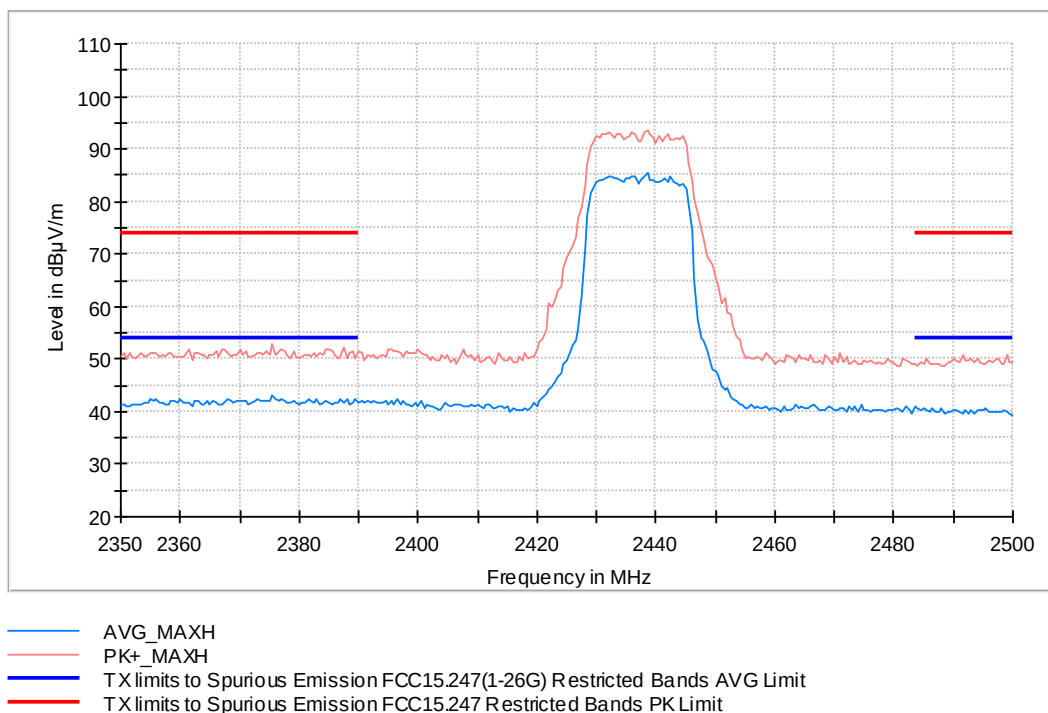
Modulation = 802.11g (OFDM 54 Mbit/s)

Images:

RF_FCC_15.247_E Field_1GHz_18GHz_HPF(SAC2)



FCC_15.247_E Field_2.35GHz_2.5GHz_HPF(SAC2)



Frequency Range GHz = [1, 18]

Operation Band MHz = [2400, 2483.5]

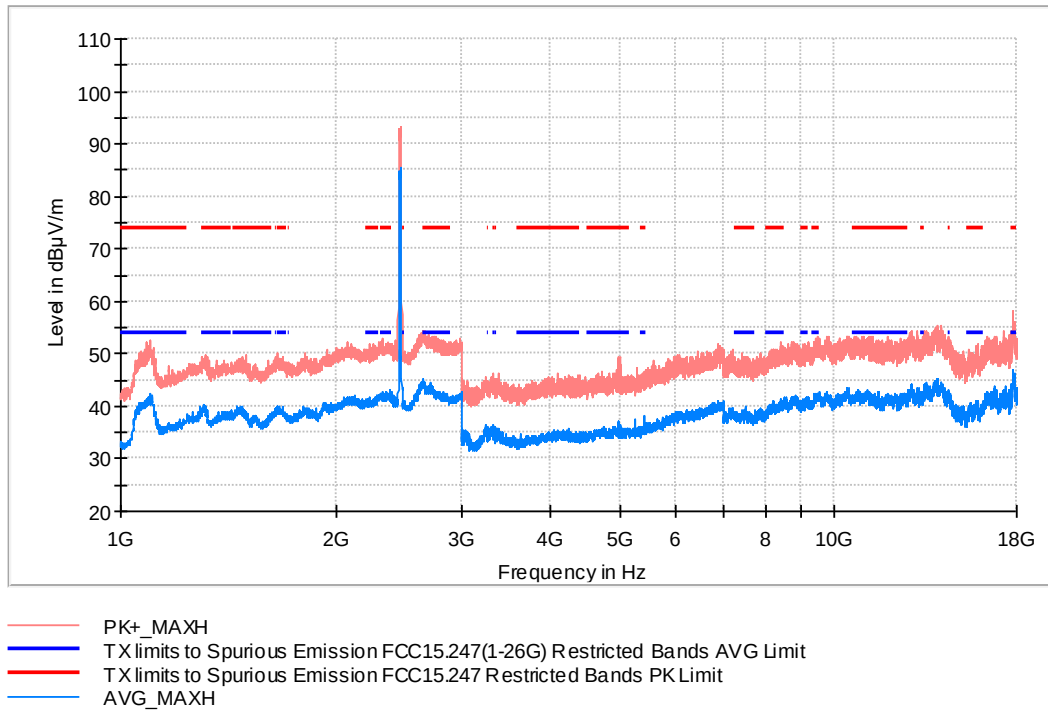
Equipment Type = Digital Transmission System (DTS) Frequency MHz = 2462.00000

Active Port = 1+2

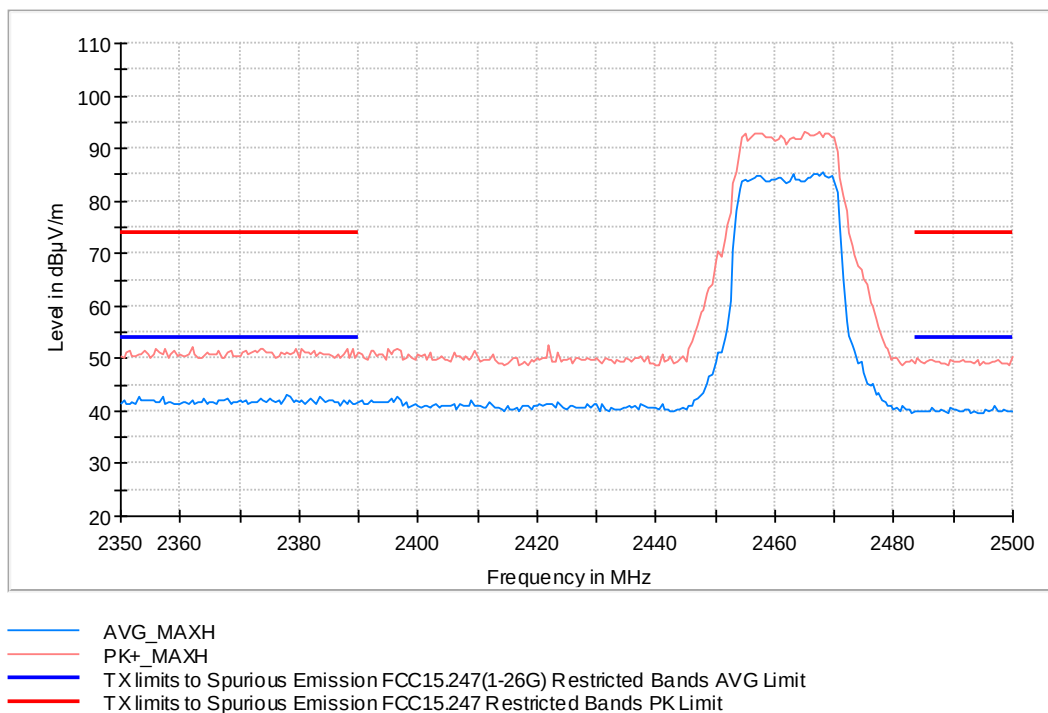
Modulation = 802.11g (OFDM 54 Mbit/s)

Images:

RF_FCC_15.247_E Field_1GHz_18GHz_HPF(SAC2)



FCC_15.247_E Field_2.35GHz_2.5GHz_HPF(SAC2)



Frequency Range GHz = [18, 26]

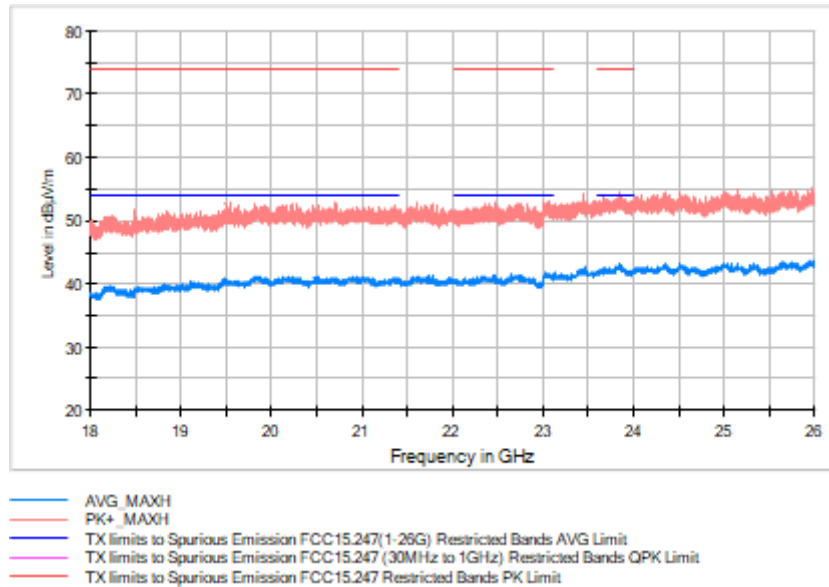
Operation Band MHz = [2400, 2483.5]

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

Active Port = 1+2

Modulation = 802.11g (OFDM 54 Mbit/s)

Images:



Frequency Range GHz = [18, 26]

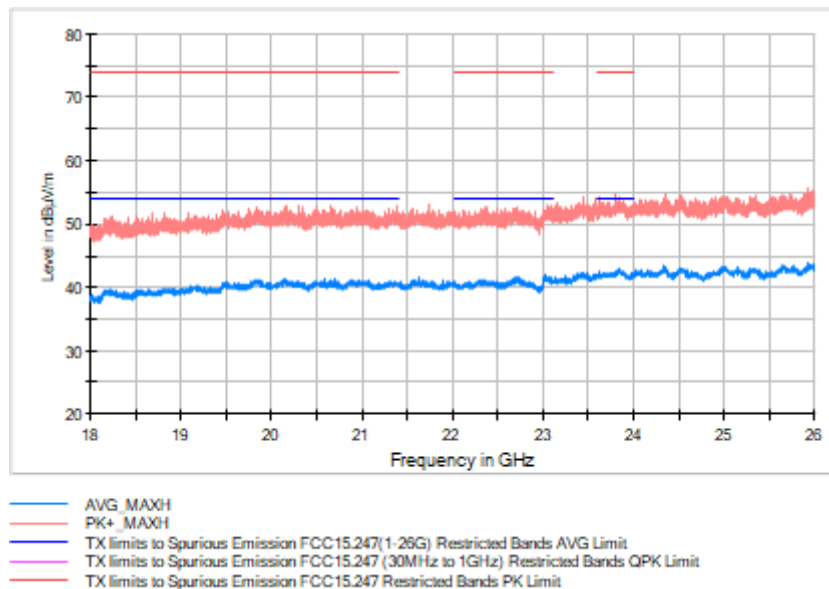
Operation Band MHz = [2400, 2483.5]

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

Active Port = 1+2

Modulation = 802.11g (OFDM 6 Mbit/s)

Images:



Frequency Range GHz = [18, 26]

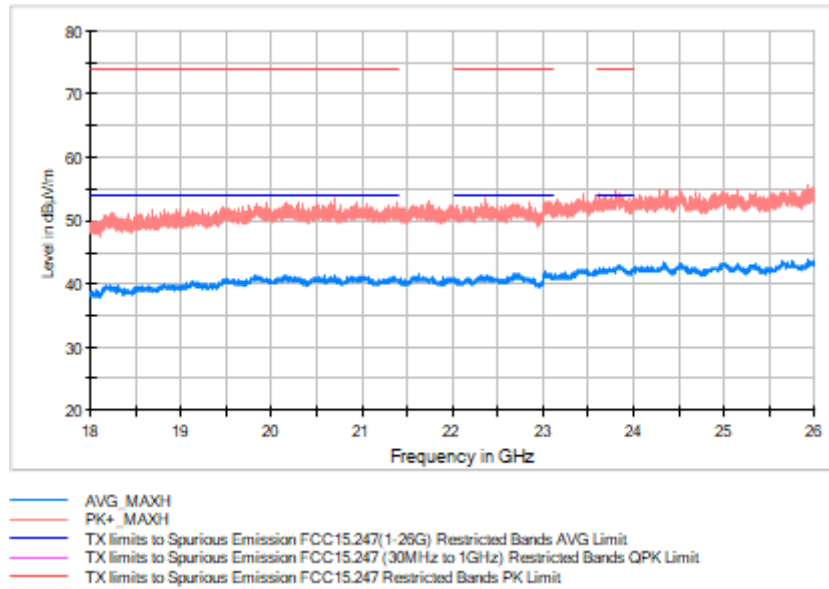
Operation Band MHz = [2400, 2483.5]

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

Active Port = 1+2

Modulation = 802.11g (OFDM 54 Mbit/s)

Images:



[Psd] Power Spectral Density

Limits

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

Modulation: BTLE (GFSK 1 Mbit/s)

Results

Operation Band (MHz)	Equipment	Freq (MHz)	Port	PSD (dBm)
[2400, 2483.5]	Digital Transmission System (DTS)	2402.00000	1	-7.23
		2440.00000		-7.23
		2480.00000		-6.64

Verdict

Pass

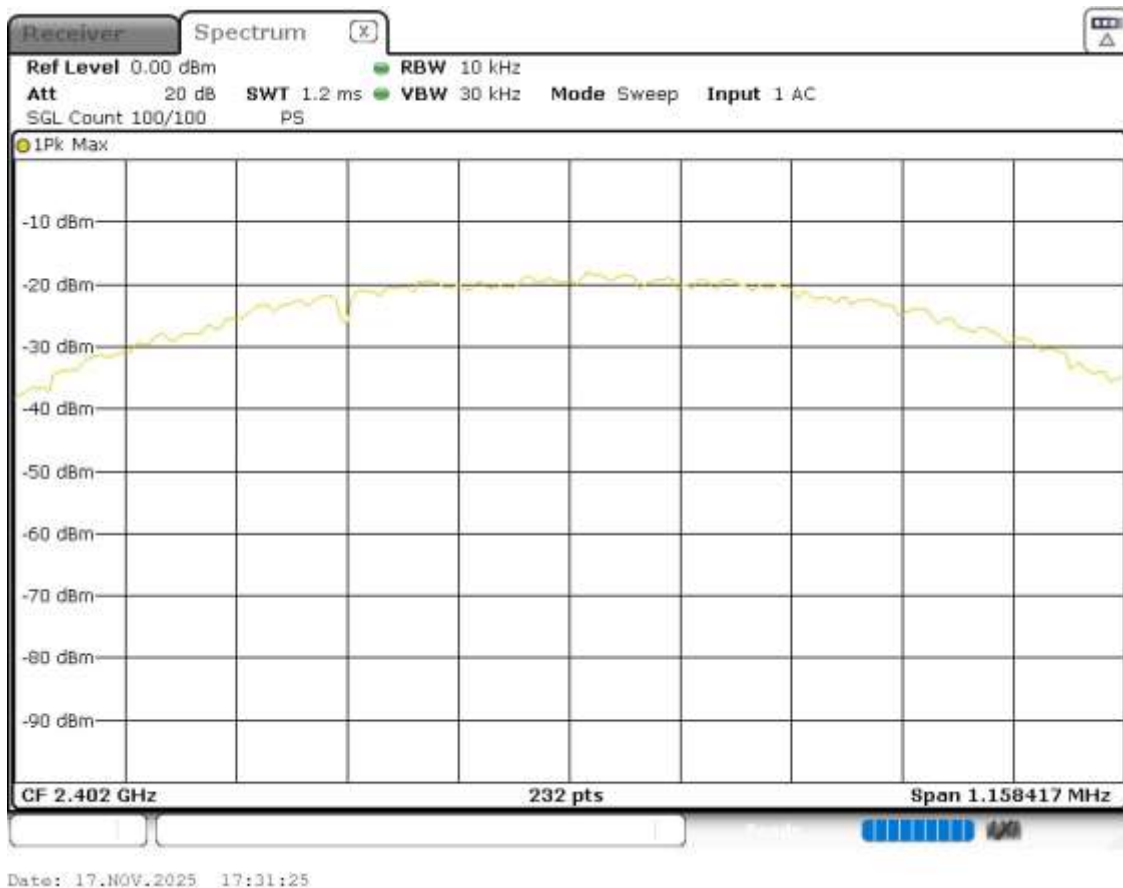
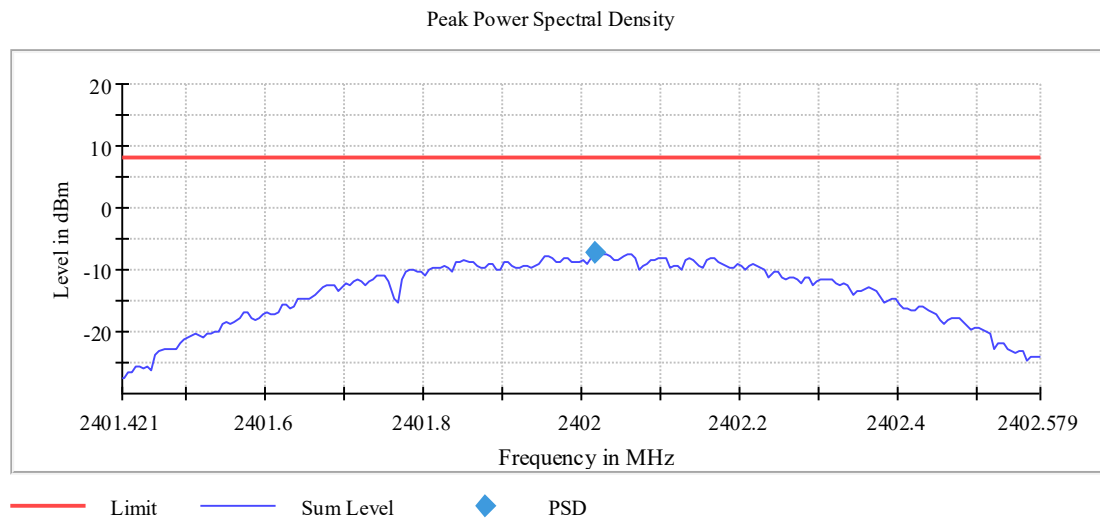
Attachments

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

Frequency MHz = 2402.00000 Active Port = 1

Modulation = BTLE (GFSK 1 Mbit/s)

Images:

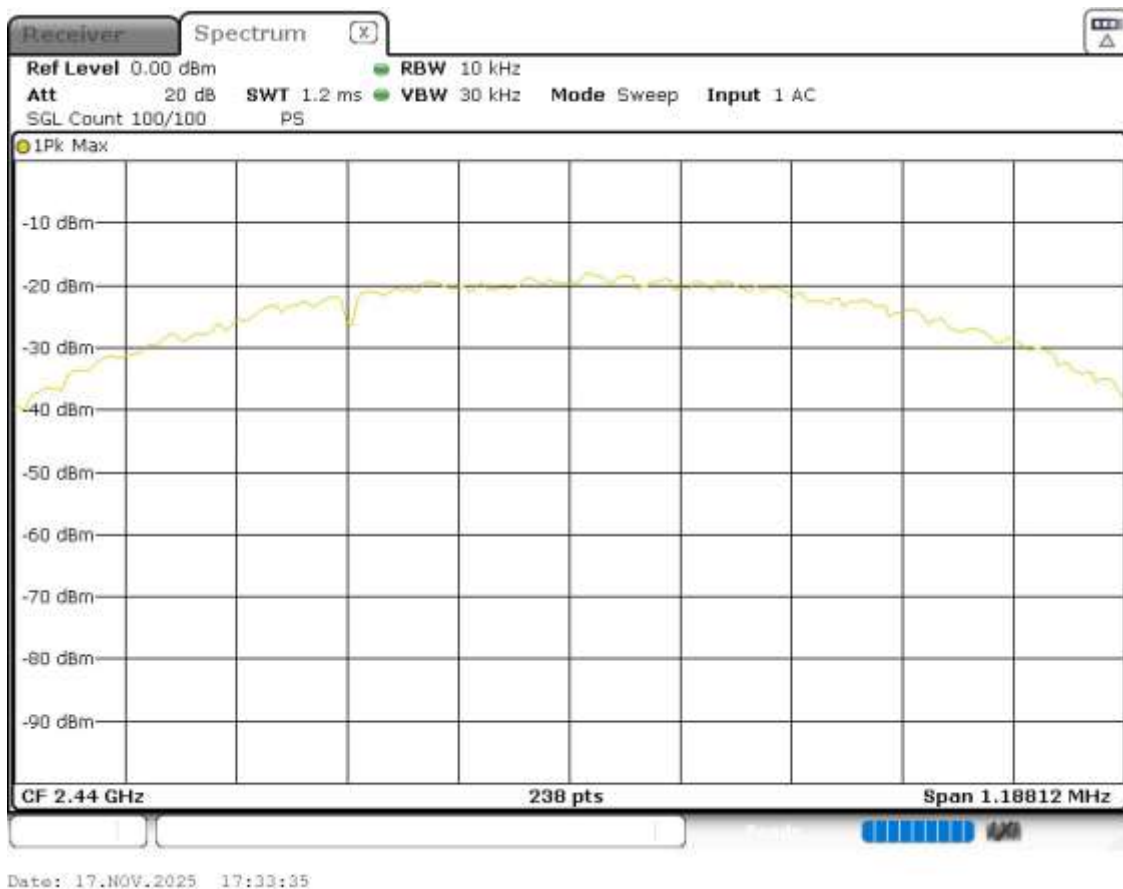
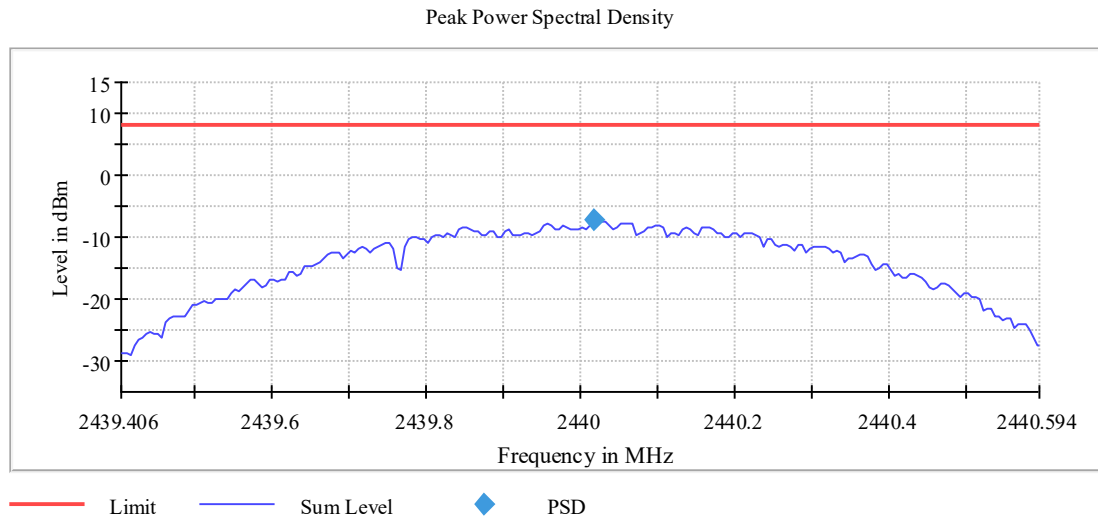


Operation Band MHz = [2400, 2483.5] Equipment Type = Digital Transmission System (DTS)

Frequency MHz = 2440.00000 Active Port = 1

Modulation = BTLE (GFSK 1 Mbit/s)

Images:

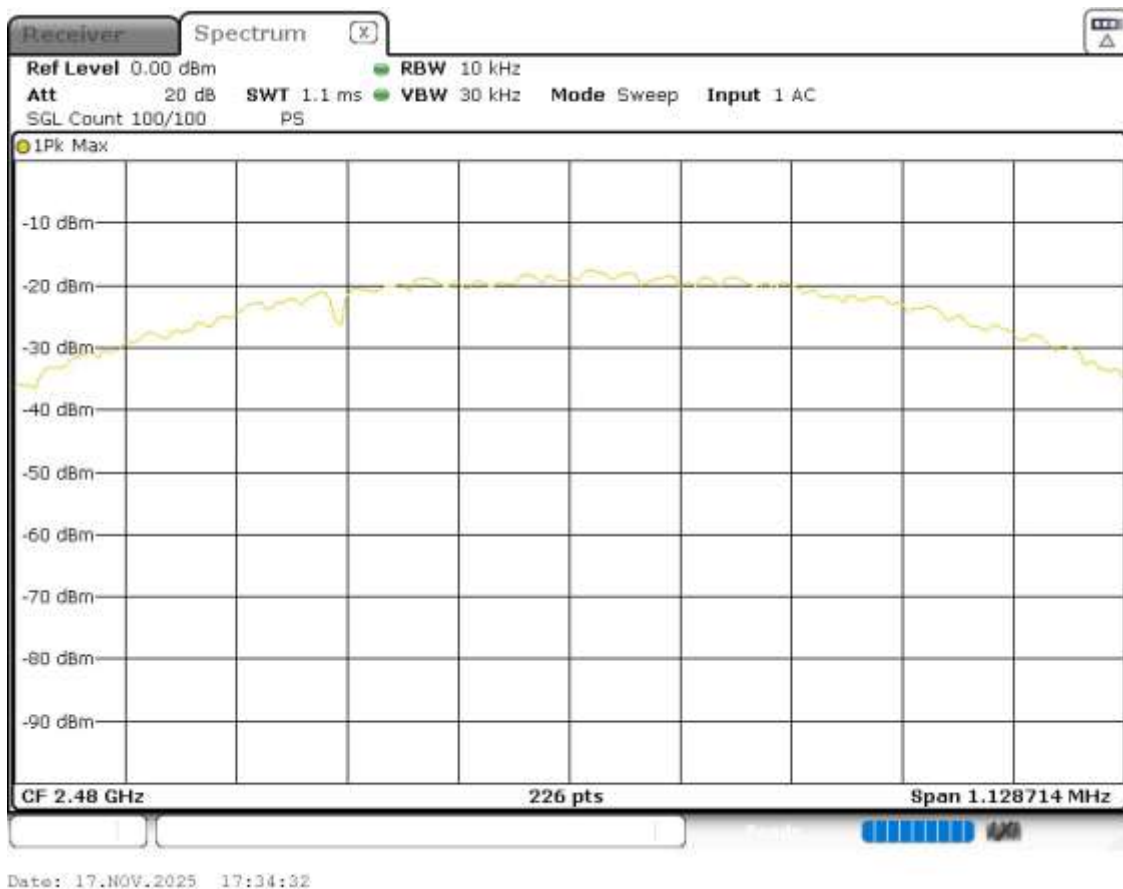
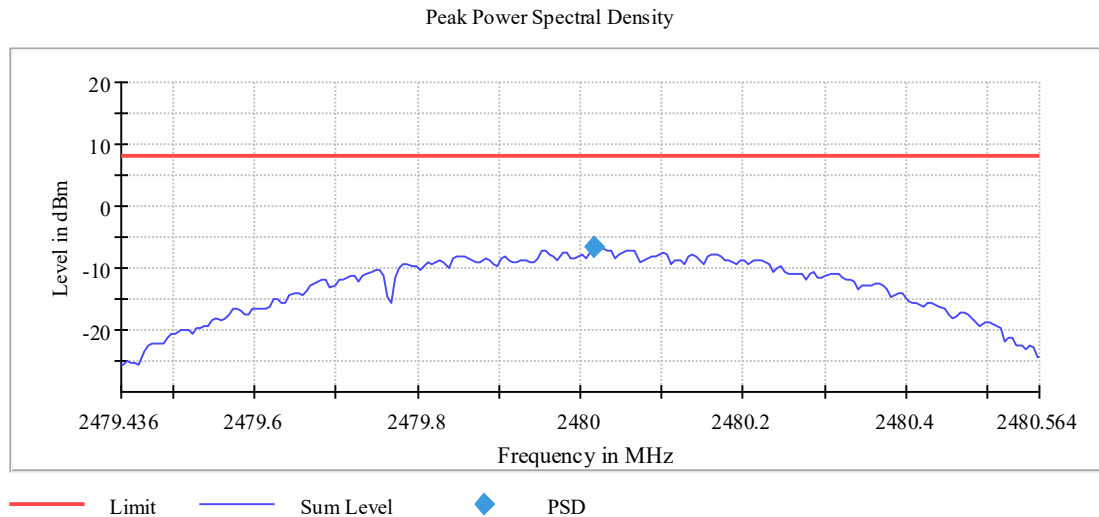


Operation Band MHz = [2400, 2483.5] Equipment Type = Digital Transmission System (DTS)

Frequency MHz = 2480.00000 Active Port = 1

Modulation = BTLE (GFSK 1 Mbit/s)

Images:



Modulation: BTLE (GFSK 2 Mbit/s)
Results

Operation Band (MHz)	Equipment	Freq (MHz)	Port	PSD (dBm)
[2400, 2483.5]	Digital Transmission System (DTS)	2402.00000	1	-7.13
		2440.00000		-7.34
		2480.00000		-6.76

Verdict

Pass

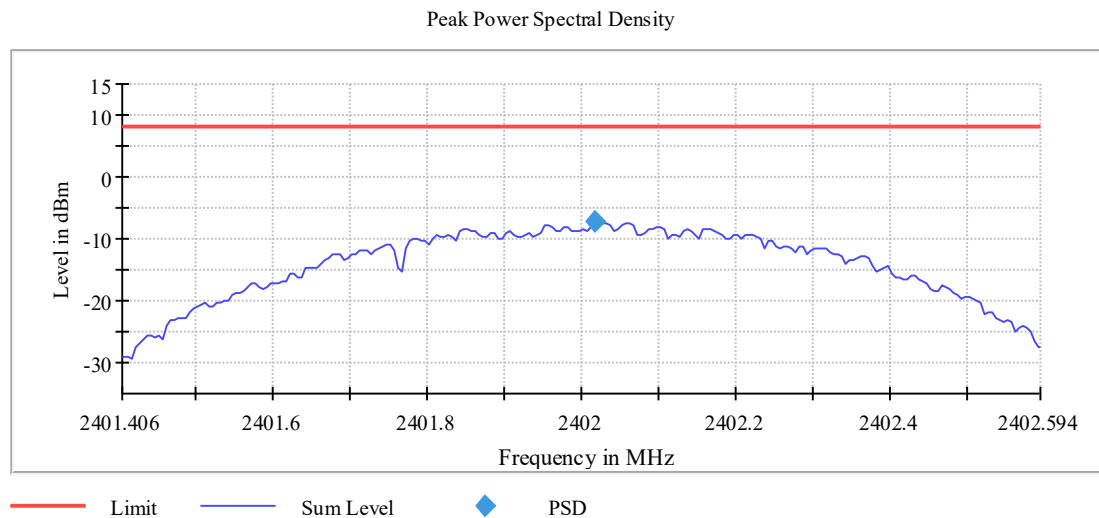
Attachments

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

Frequency MHz = 2402.00000 Active Port = 1

Modulation = BTLE (GFSK 2 Mbit/s)

Images:

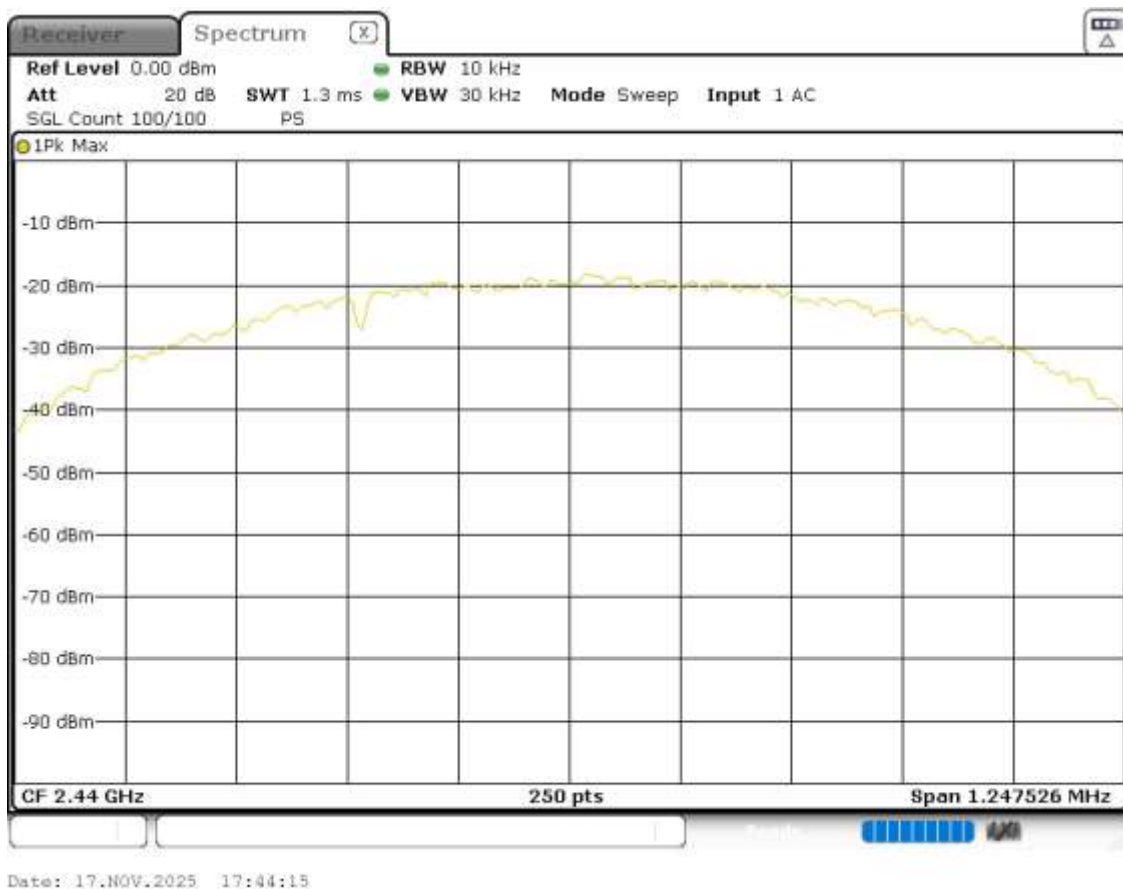
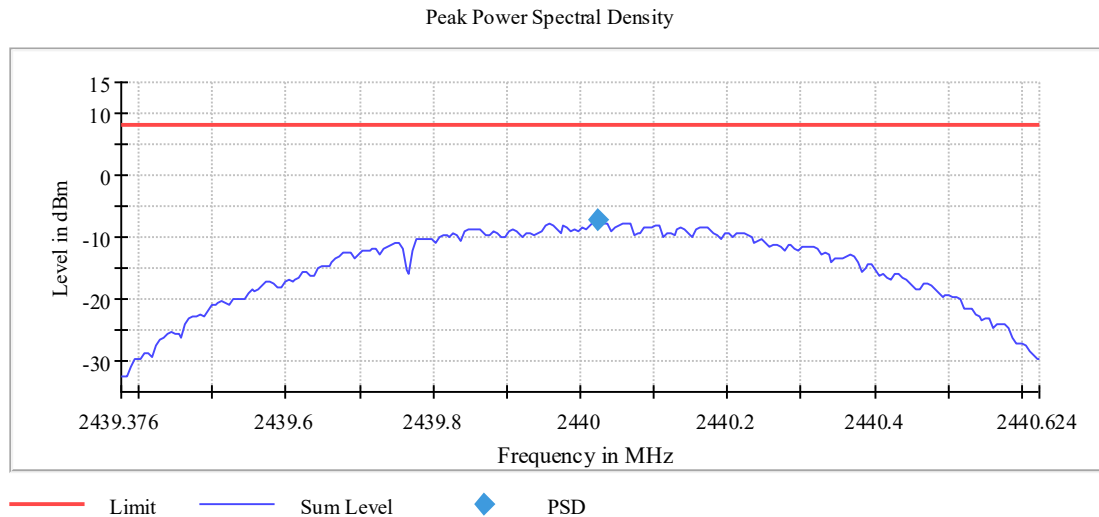


Operation Band MHz = [2400, 2483.5] Equipment Type = Digital Transmission System (DTS)

Frequency MHz = 2440.00000 Active Port = 1

Modulation = BTLE (GFSK 2 Mbit/s)

Images:

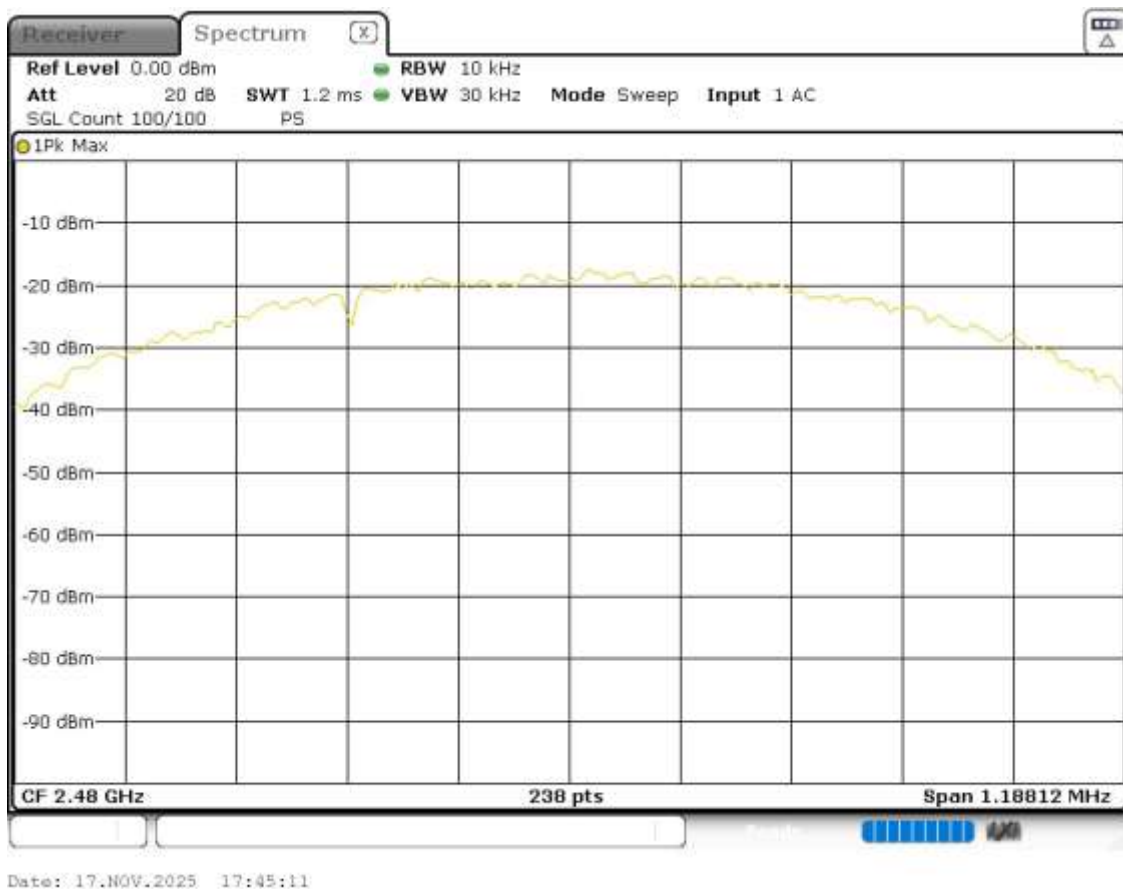
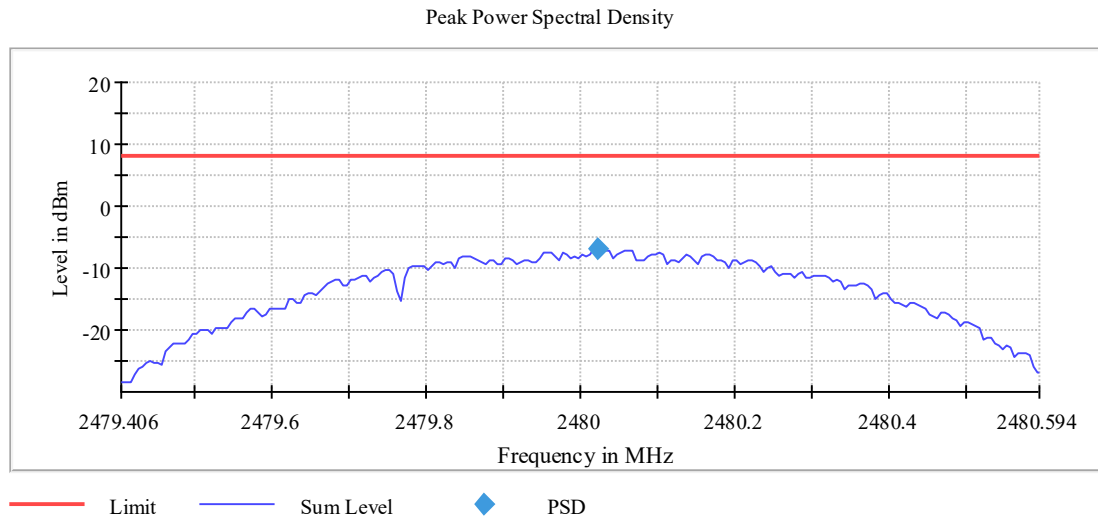


Operation Band MHz = [2400, 2483.5] Equipment Type = Digital Transmission System (DTS)

Frequency MHz = 2480.00000 Active Port = 1

Modulation = BTLE (GFSK 2 Mbit/s)

Images:



Modulation: 802.11b (DSSS 11 Mbit/s)
Results

Operation Band (MHz)	Equipment	Freq (MHz)	Port	PSD (dBm)
[2400, 2483.5]	Digital Transmission System (DTS)	2412.00000	1	-10.62
			2	-11.08
		2437.00000	1	-9.69
			2	-10.58
		2462.00000	1	-9.68
			2	-10.04
		2412.00000	1+2	-10.36
		2437.00000		-8.95
		2462.00000		-8.64

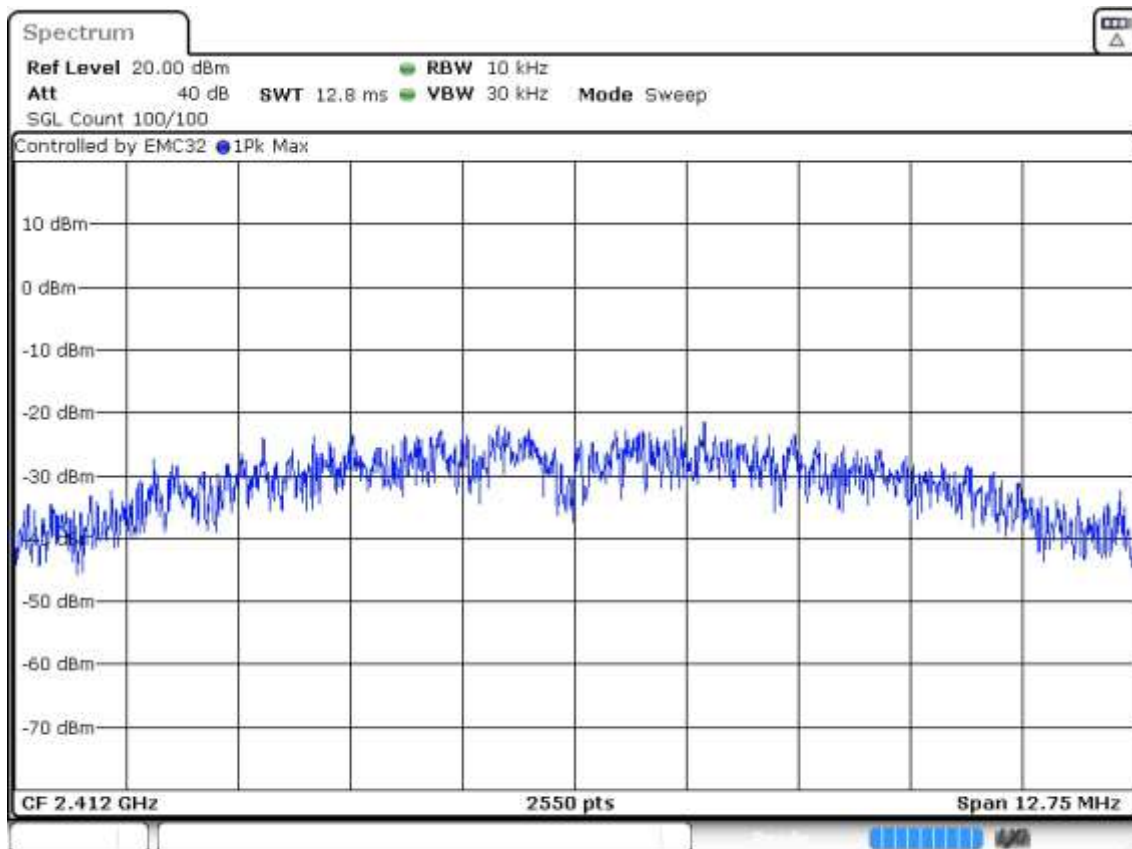
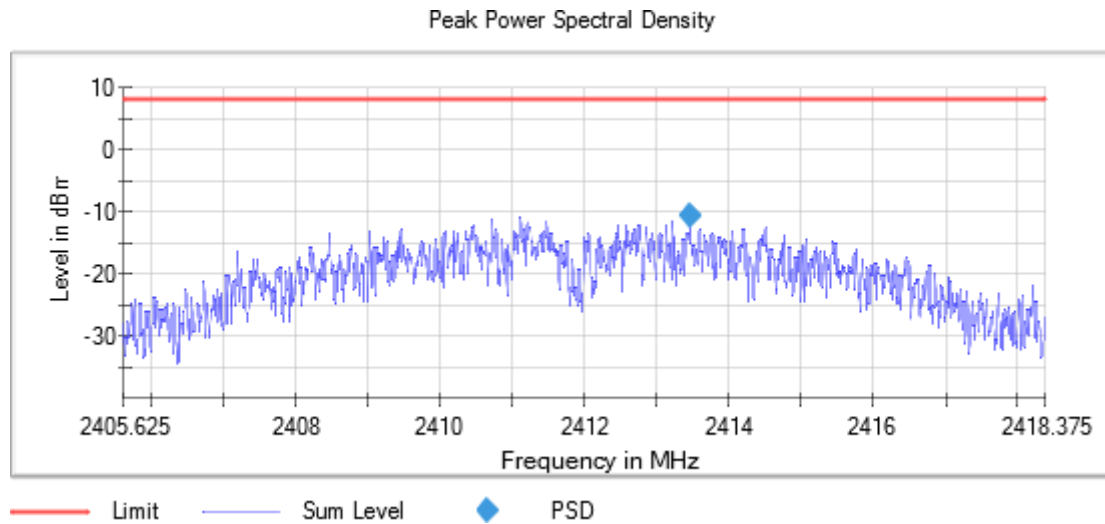
Verdict

Pass

Attachments

Operation Band MHz = [2400, 2483.5] Equipment Type = Digital Transmission System (DTS)
Frequency MHz = 2412.00000 Active Port = 1
Modulation = 802.11b (DSSS 11 Mbit/s)

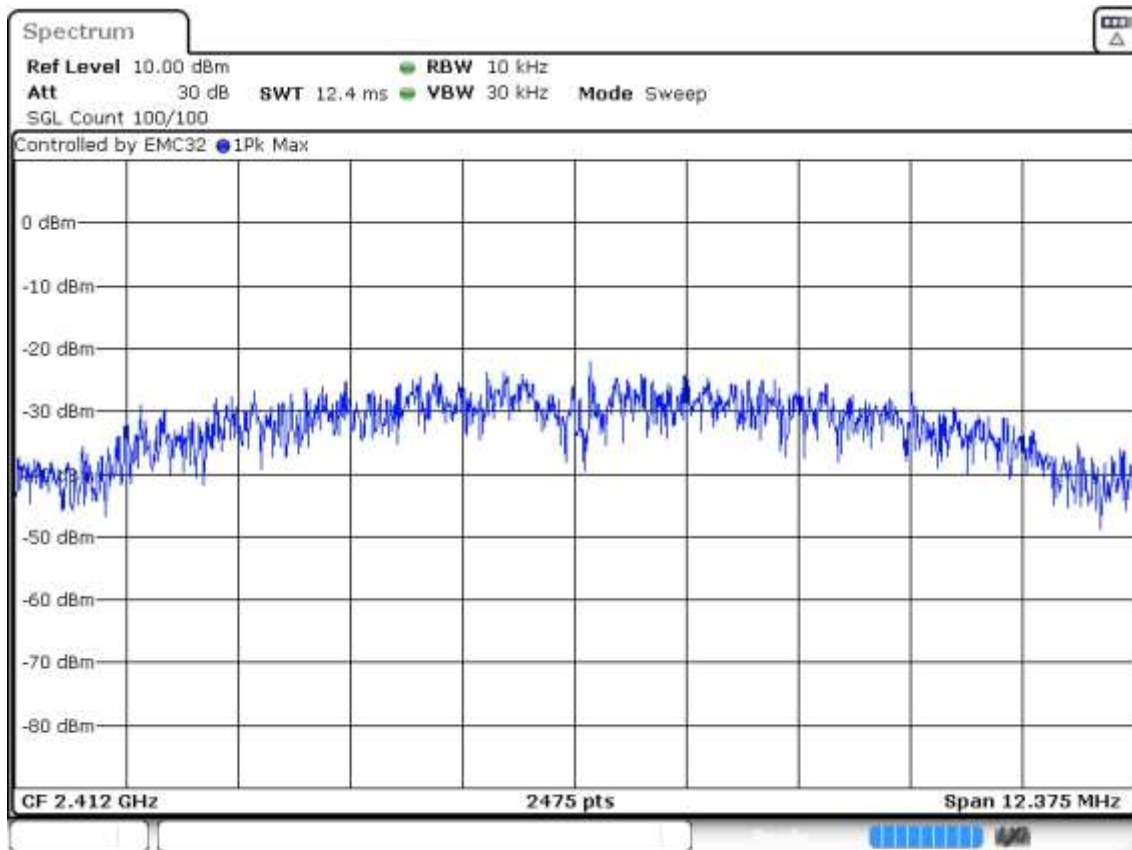
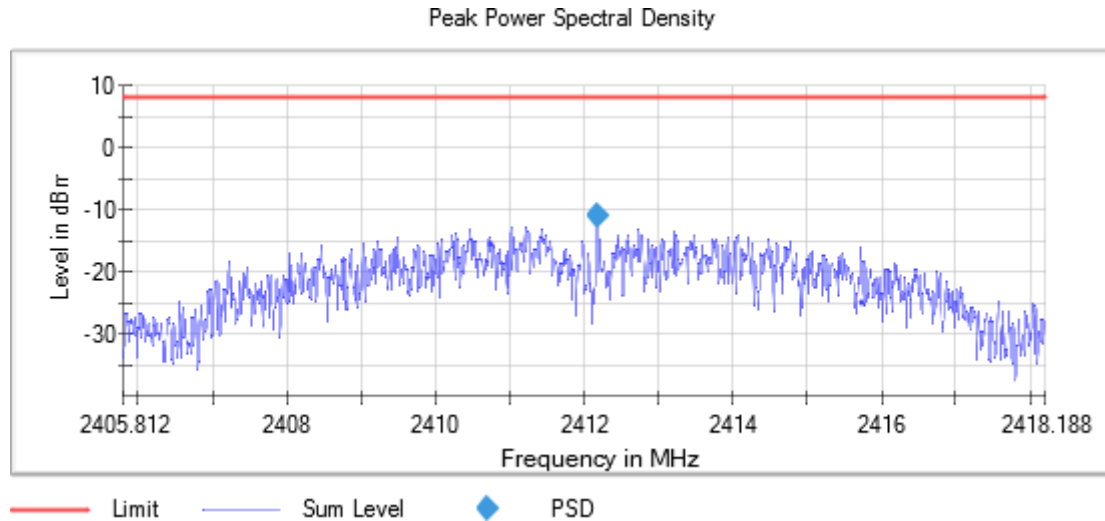
Images:



Date: 14.DEC.2025 11:19:53

Operation Band MHz = [2400, 2483.5] Equipment Type = Digital Transmission System (DTS)
Frequency MHz = 2412.00000 Active Port = 2
Modulation = 802.11b (DSSS 11 Mbit/s)

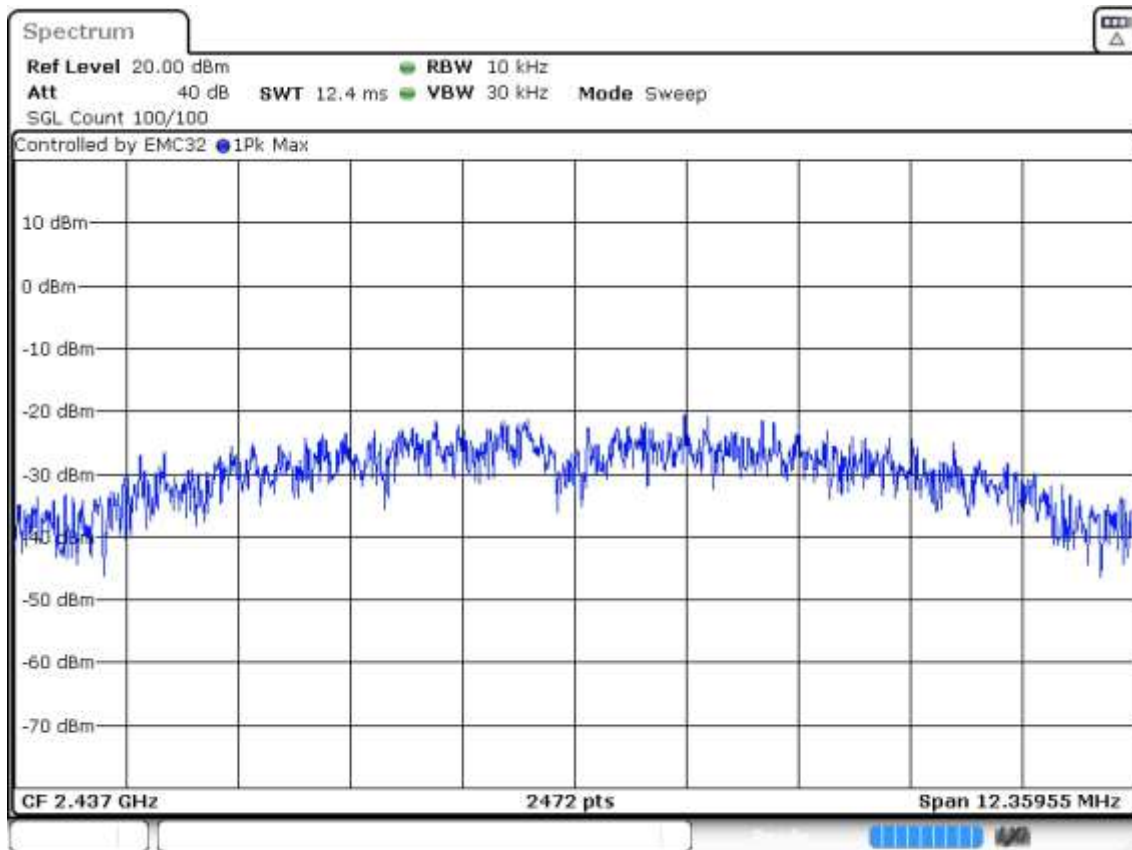
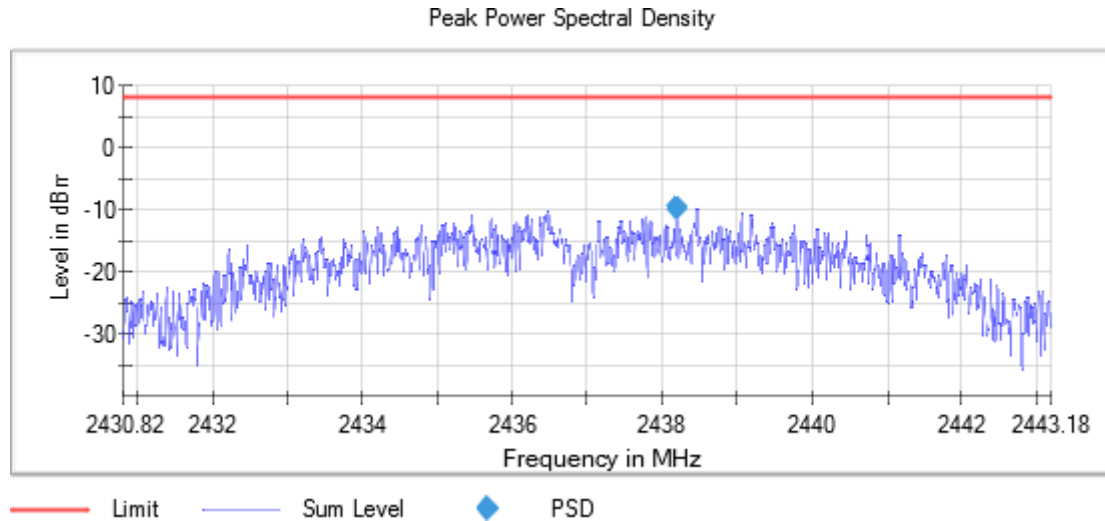
Images:



Date: 14.DEC.2025 17:04:20

Operation Band MHz = [2400, 2483.5] Equipment Type = Digital Transmission System (DTS)
Frequency MHz = 2437.00000 Active Port = 1
Modulation = 802.11b (DSSS 11 Mbit/s)

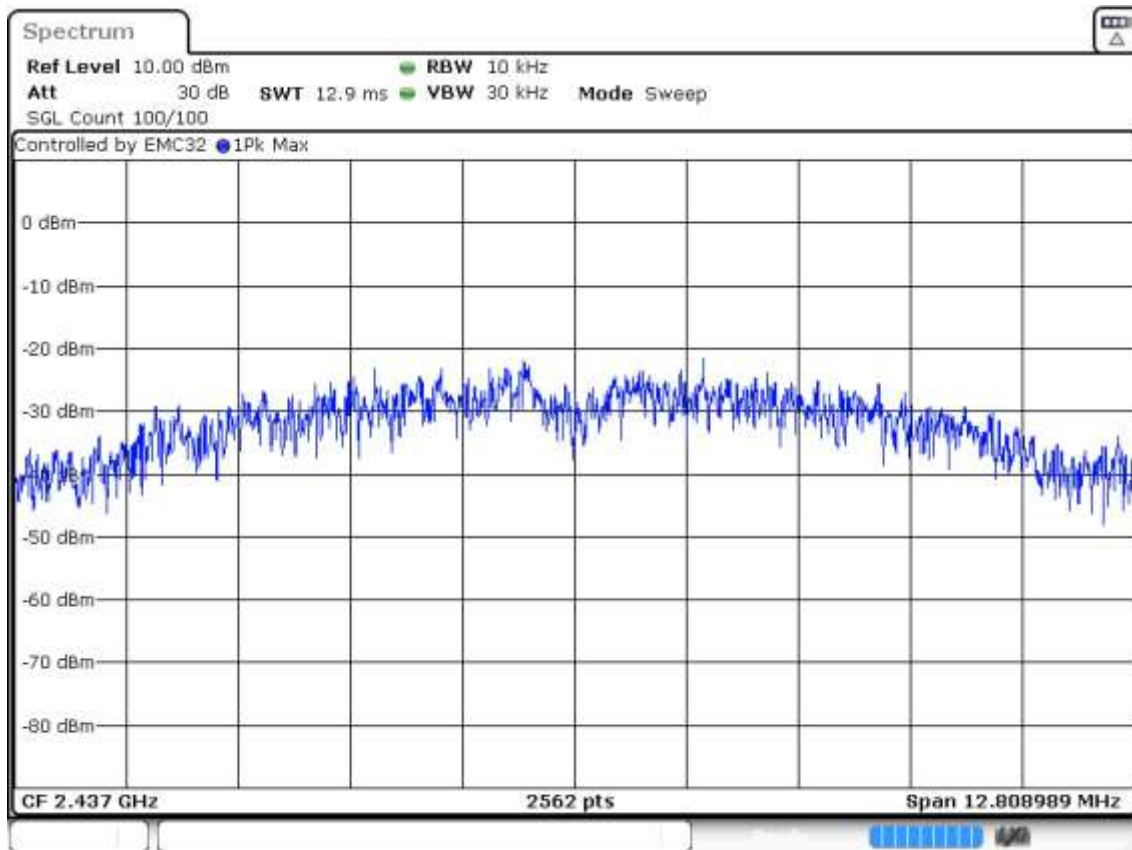
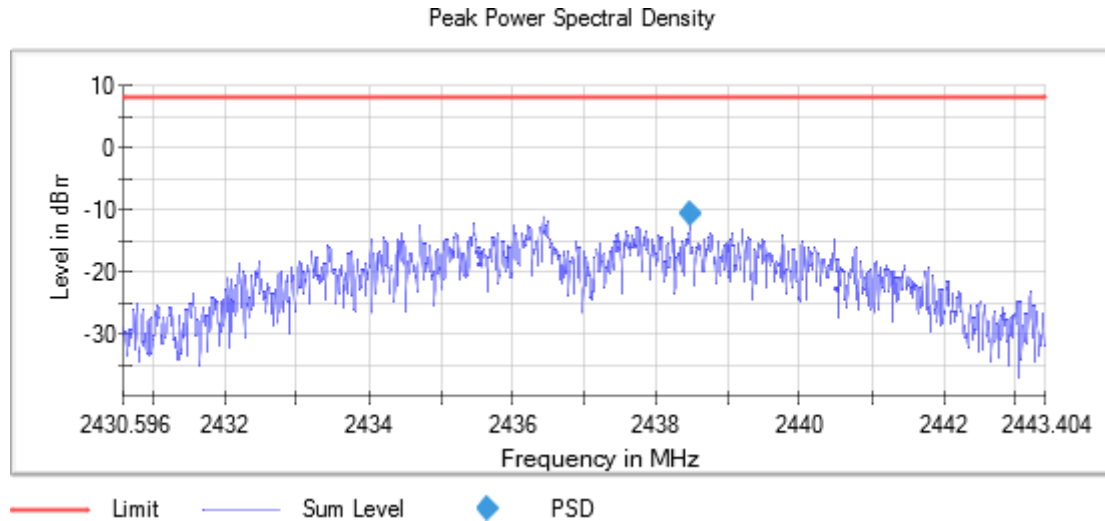
Images:



Date: 14.DEC.2025 11:25:51

Operation Band MHz = [2400, 2483.5] Equipment Type = Digital Transmission System (DTS)
Frequency MHz = 2437.00000 Active Port = 2
Modulation = 802.11b (DSSS 11 Mbit/s)

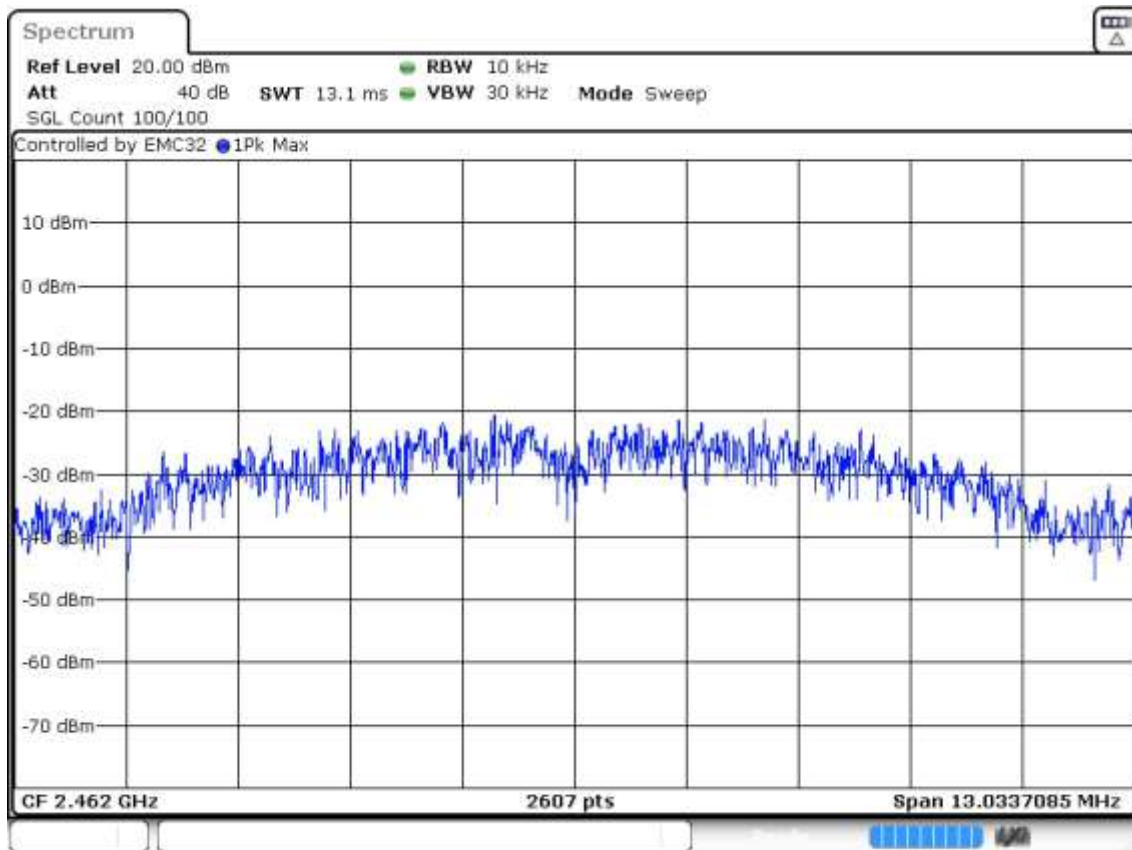
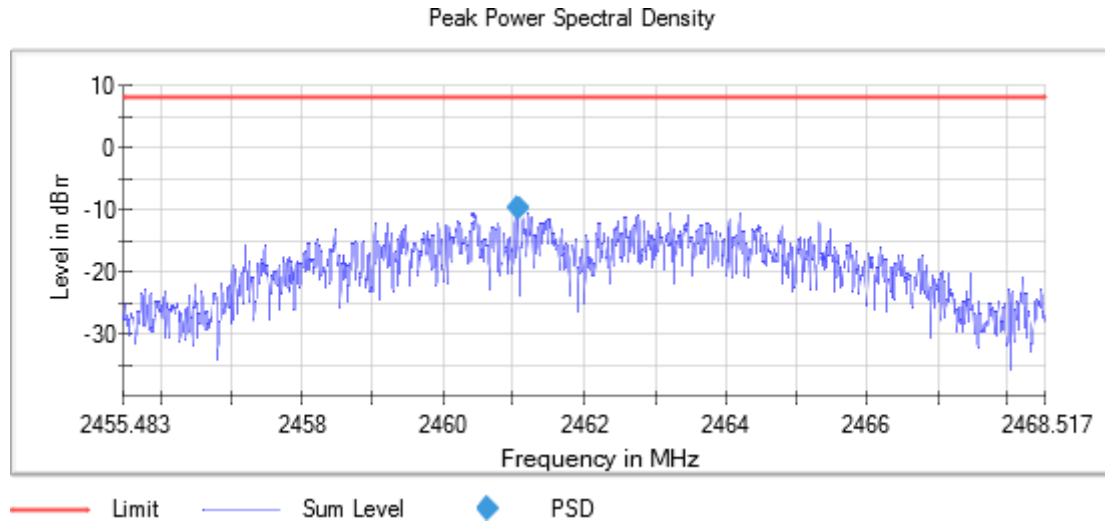
Images:



Date: 14.DEC.2025 17:16:43

Operation Band MHz = [2400, 2483.5] Equipment Type = Digital Transmission System (DTS)
Frequency MHz = 2462.00000 Active Port = 1
Modulation = 802.11b (DSSS 11 Mbit/s)

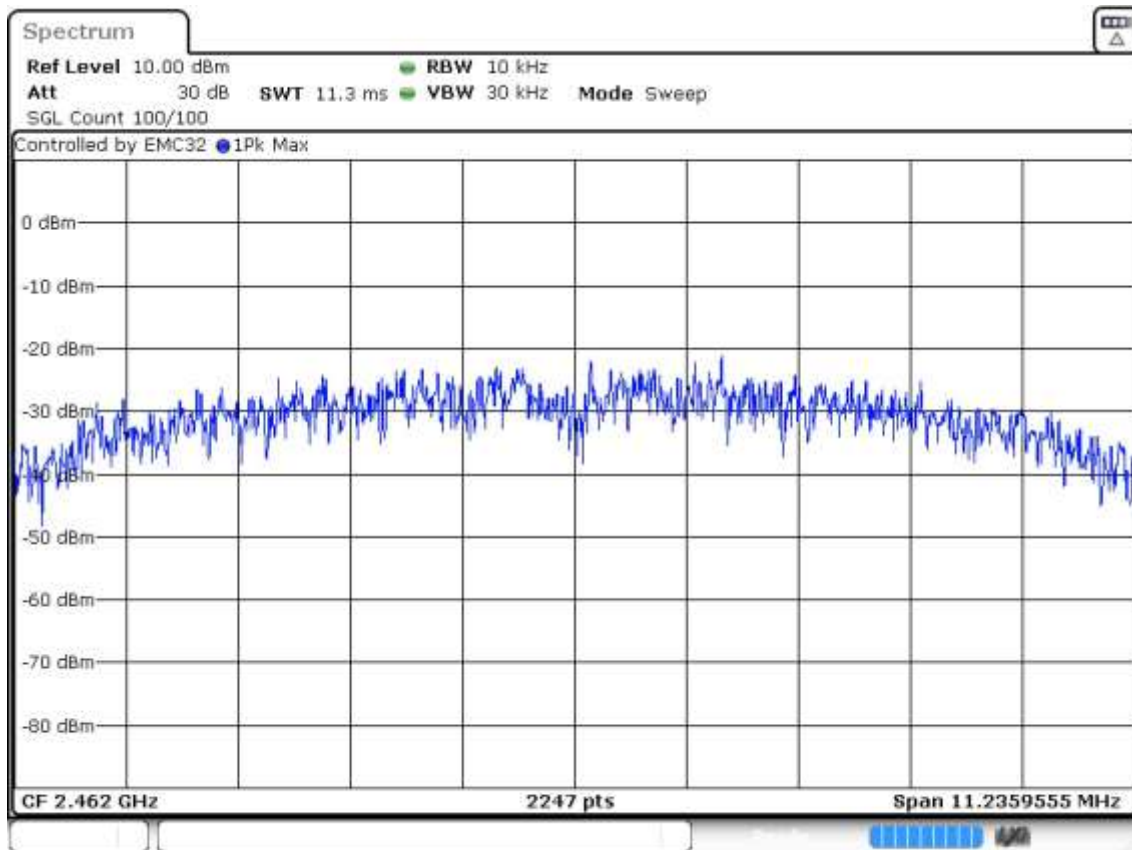
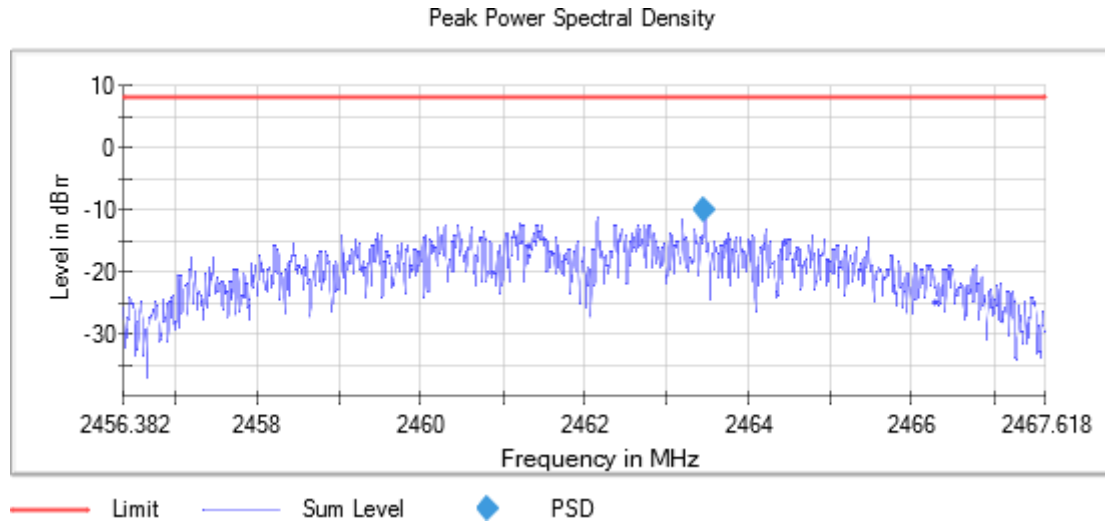
Images:



Date: 14.DEC.2025 11:34:41

Operation Band MHz = [2400, 2483.5] Equipment Type = Digital Transmission System (DTS)
Frequency MHz = 2462.00000 Active Port = 2
Modulation = 802.11b (DSSS 11 Mbit/s)

Images:



Date: 14.DEC.2025 18:05:39

Operation Band MHz = [2400, 2483.5]

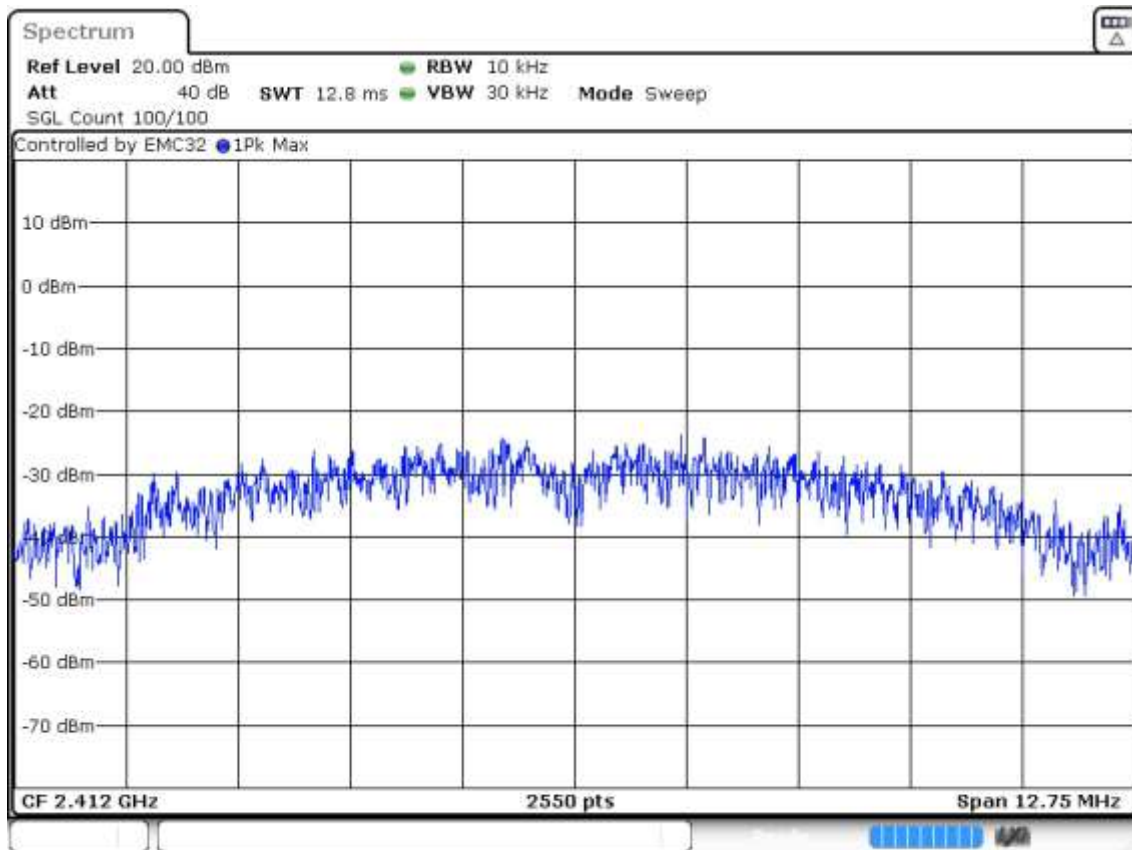
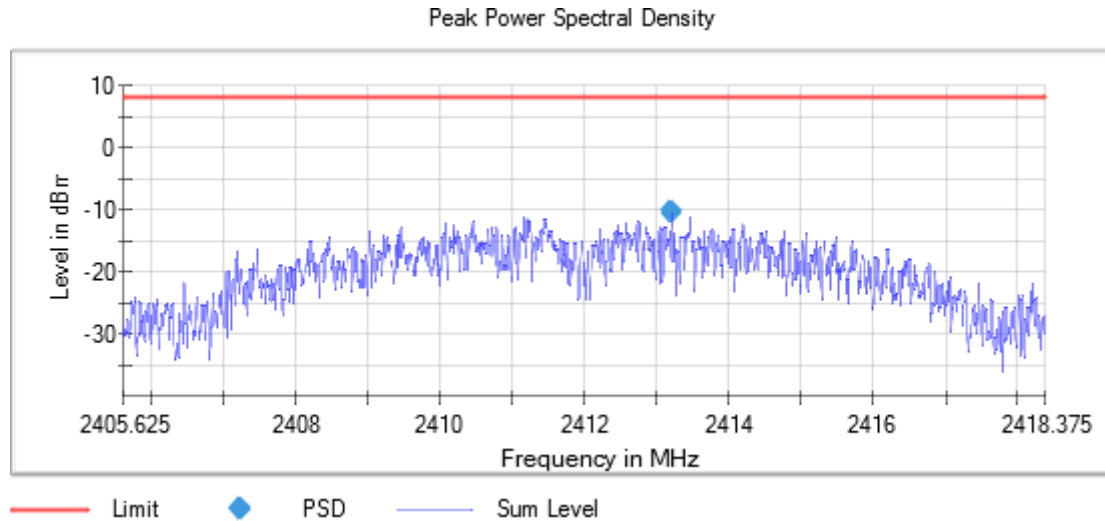
Equipment Type = Digital Transmission System (DTS)

Frequency MHz = 2412.00000

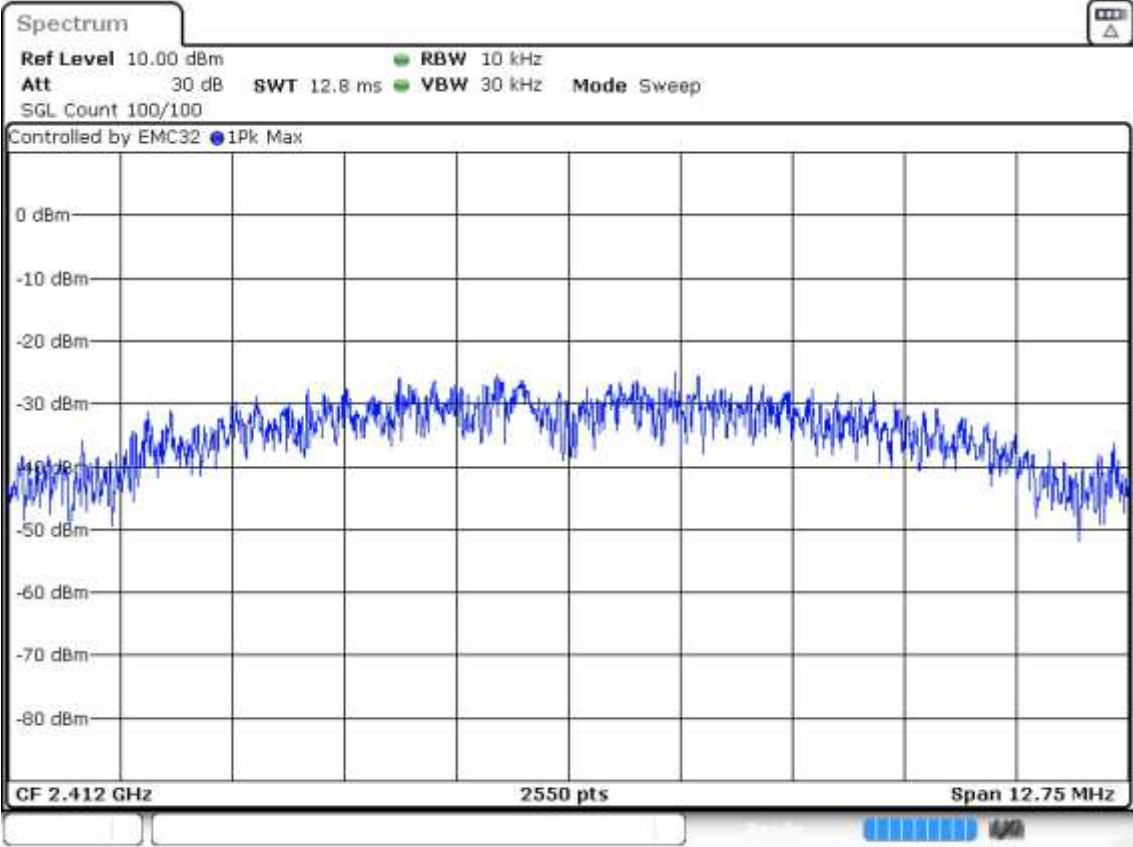
Active Port = 1+2

Modulation = 802.11b (DSSS 11 Mbit/s)

Images:



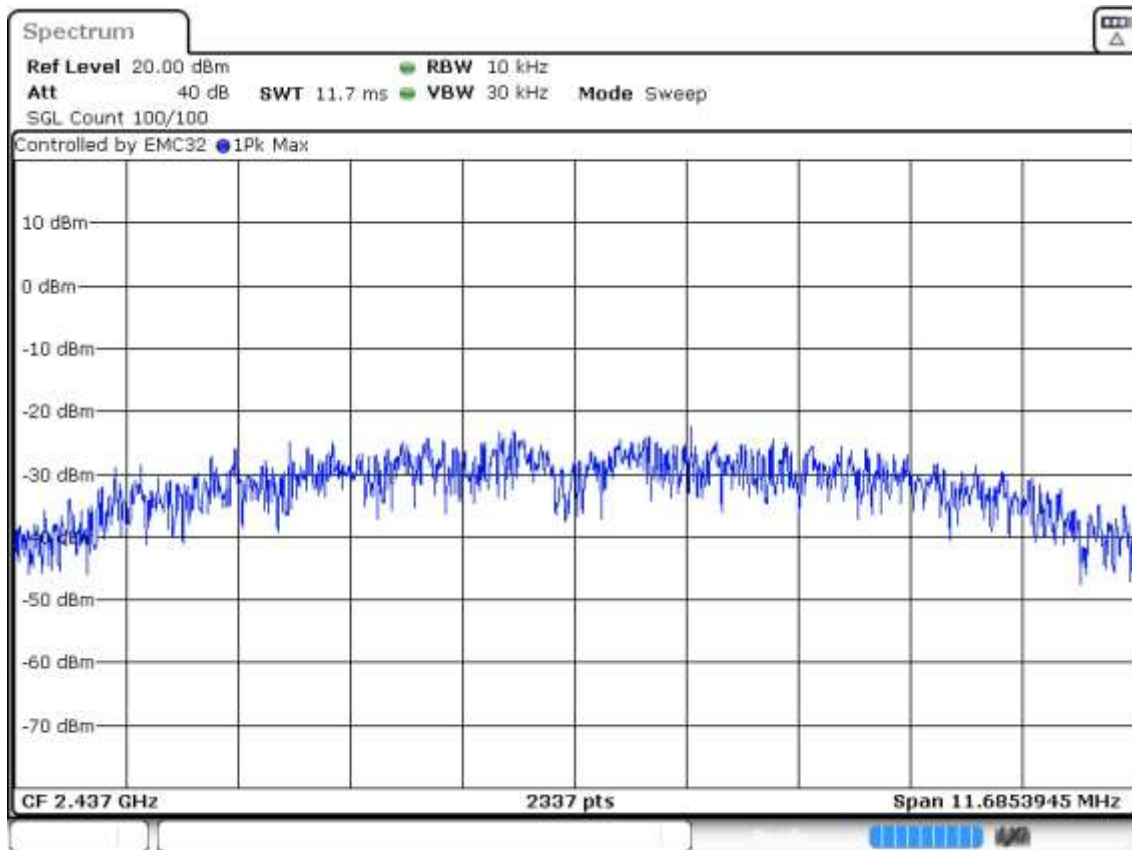
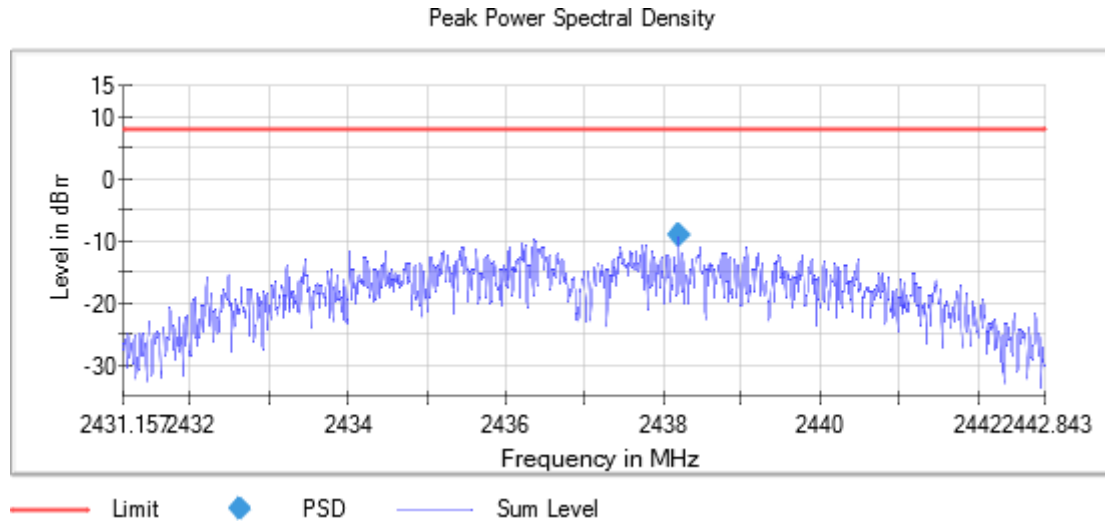
Date: 14.DEC.2025 18:13:44



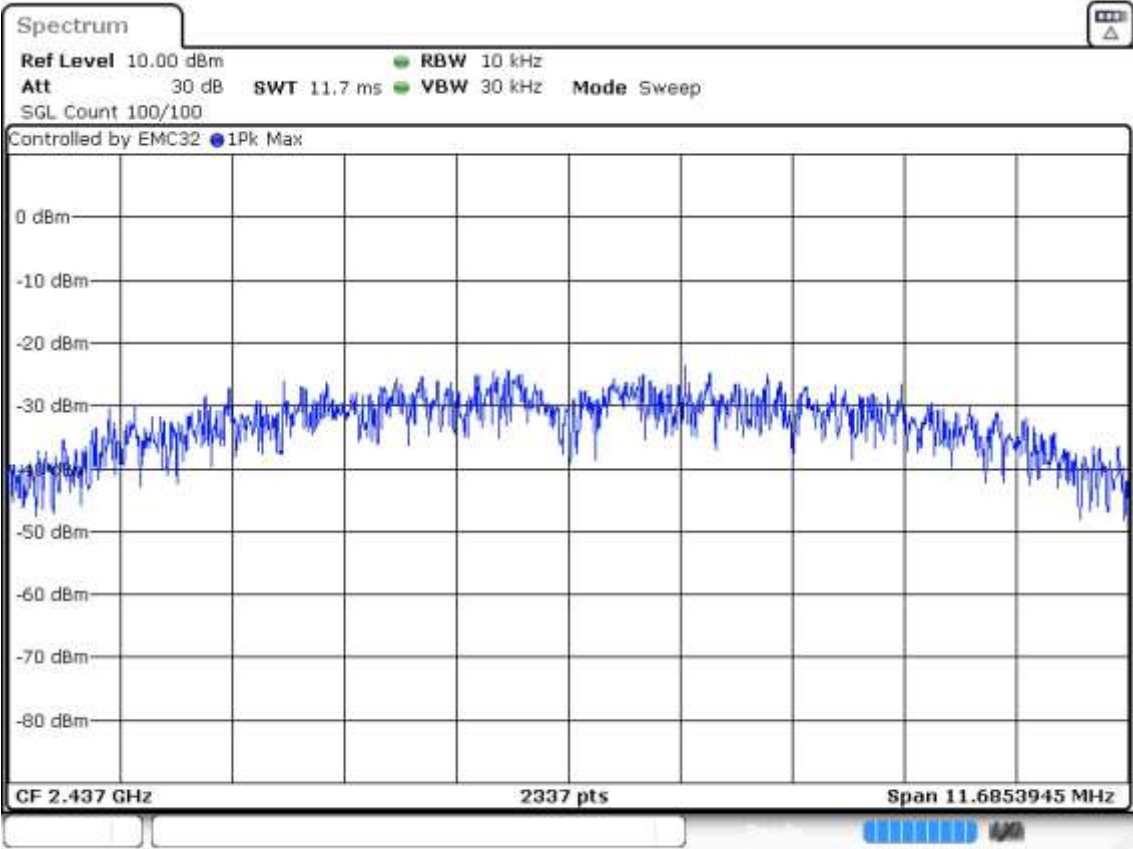
Date: 14.DEC.2025 18:16:50

Operation Band MHz = [2400, 2483.5] Equipment Type = Digital Transmission System (DTS)
Frequency MHz = 2437.00000 Active Port = 1+2
Modulation = 802.11b (DSSS 11 Mbit/s)

Images:



Date: 14.DEC.2025 18:20:45



Date: 14.DEC.2025 18:22:55

Operation Band MHz = [2400, 2483.5]

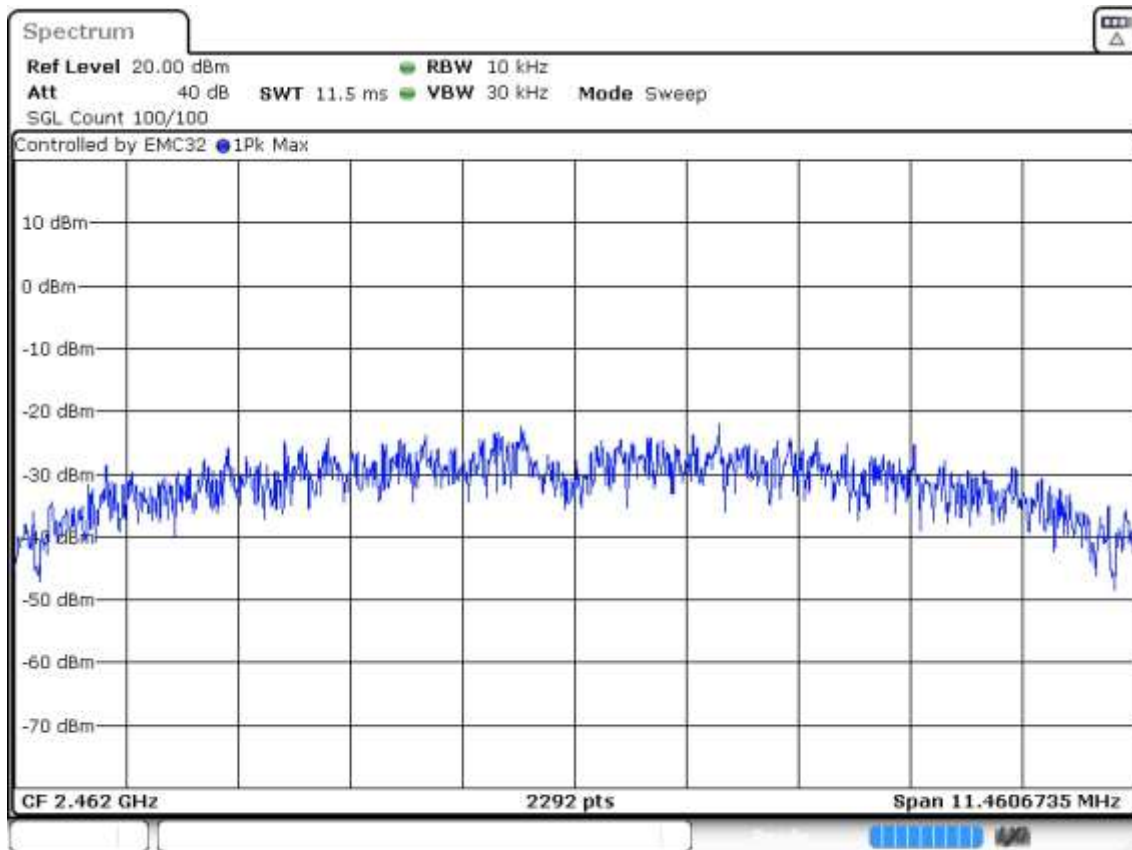
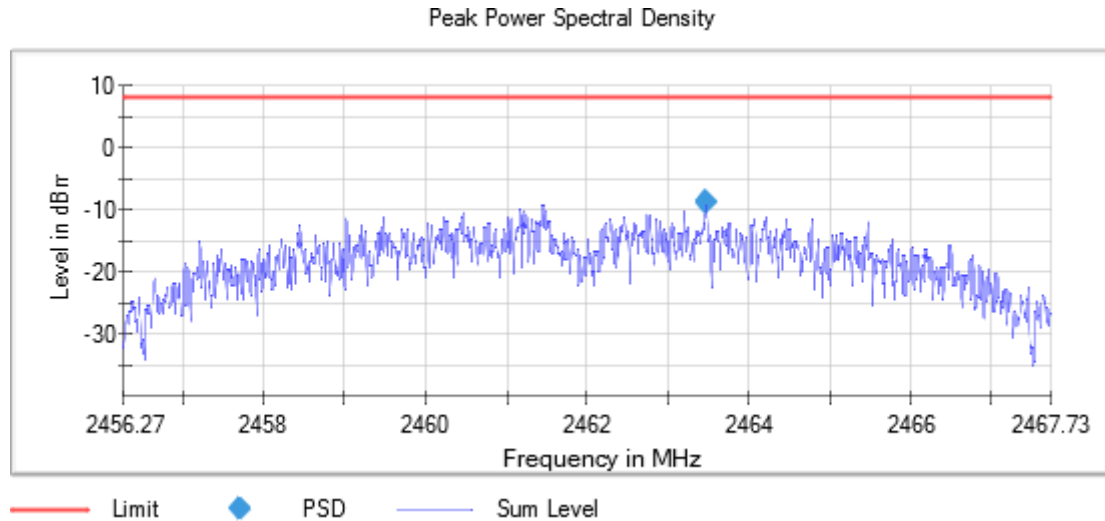
Equipment Type = Digital Transmission System (DTS)

Frequency MHz = 2462.00000

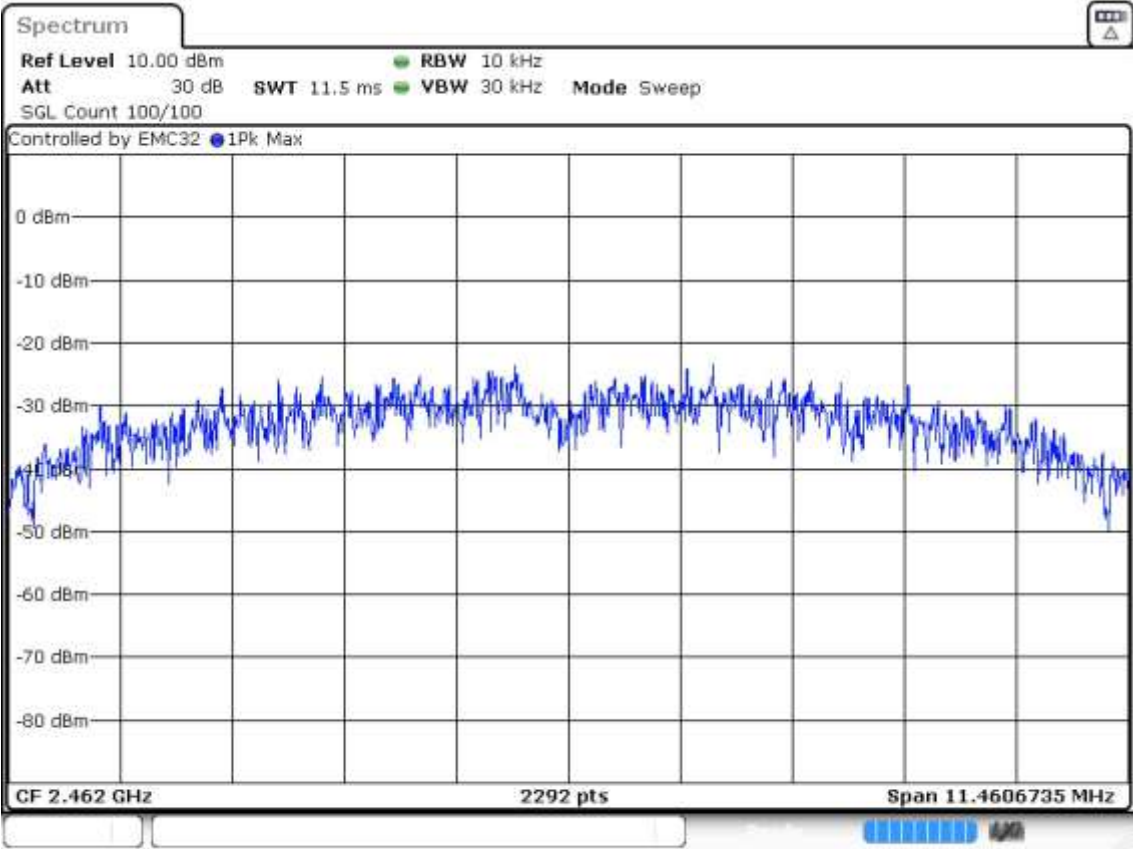
Active Port = 1+2

Modulation = 802.11b (DSSS 11 Mbit/s)

Images:



Date: 14.DEC.2025 18:26:57



Date: 14.DEC.2025 18:28:47

Modulation: 802.11g (OFDM 54 Mbit/s)

Results

Operation Band (MHz)	Equipment	Freq (MHz)	Port	PSD (dBm)
[2400, 2483.5]	Digital Transmission System (DTS)	2412.00000	1	-2.52
			2	-3.52
		2437.00000	1	-1.53
			2	-2.93
		2462.00000	1	-1.54
			2	-3.12
		2462.00000	1+2	1.30

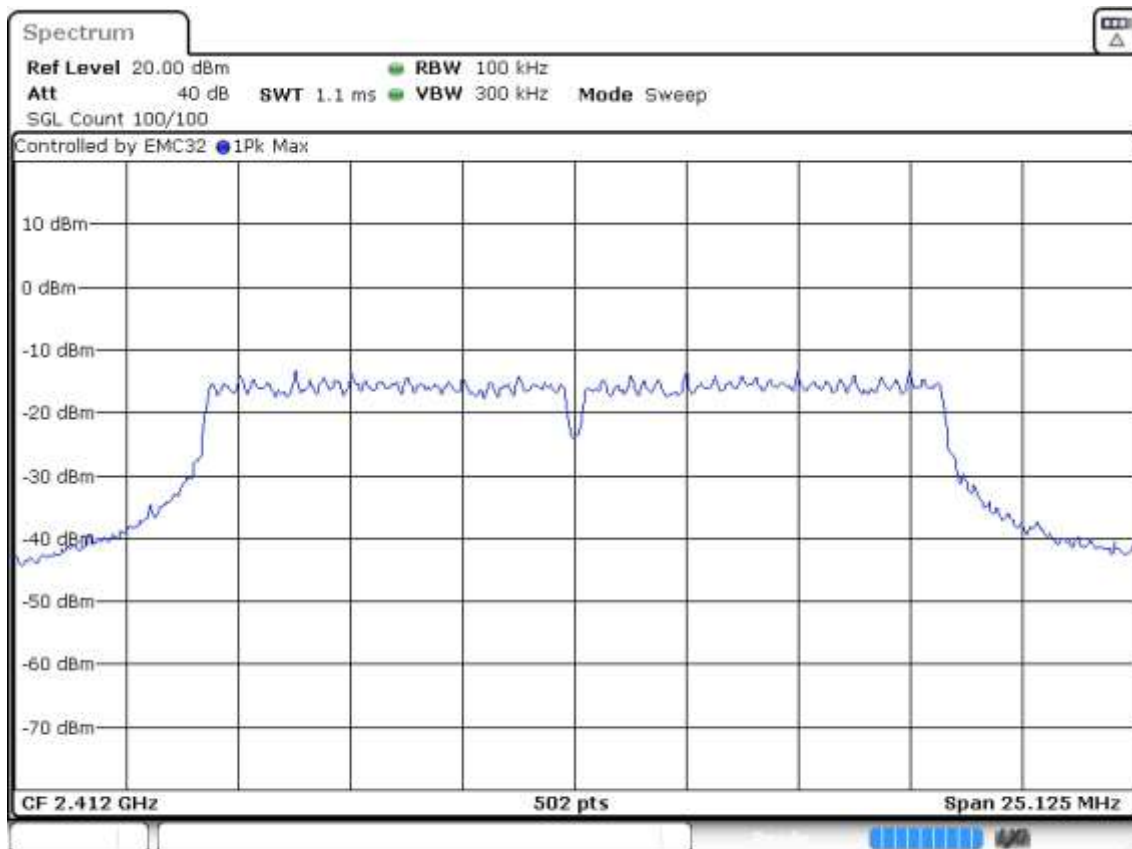
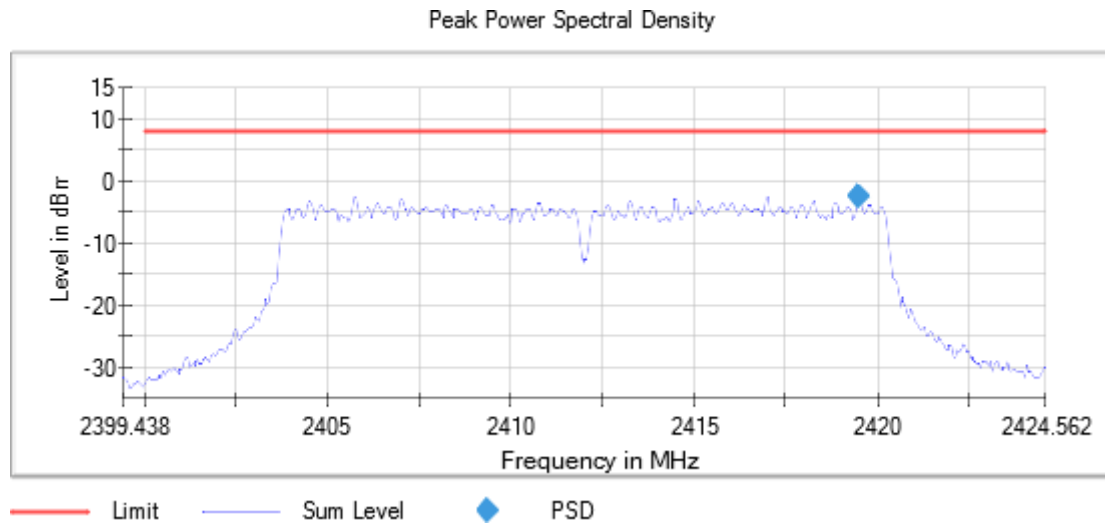
Verdict

Pass

Attachments

Operation Band MHz = [2400, 2483.5] Equipment Type = Digital Transmission System (DTS)
Frequency MHz = 2412.00000 Active Port = 1
Modulation = 802.11g (OFDM 54 Mbit/s)

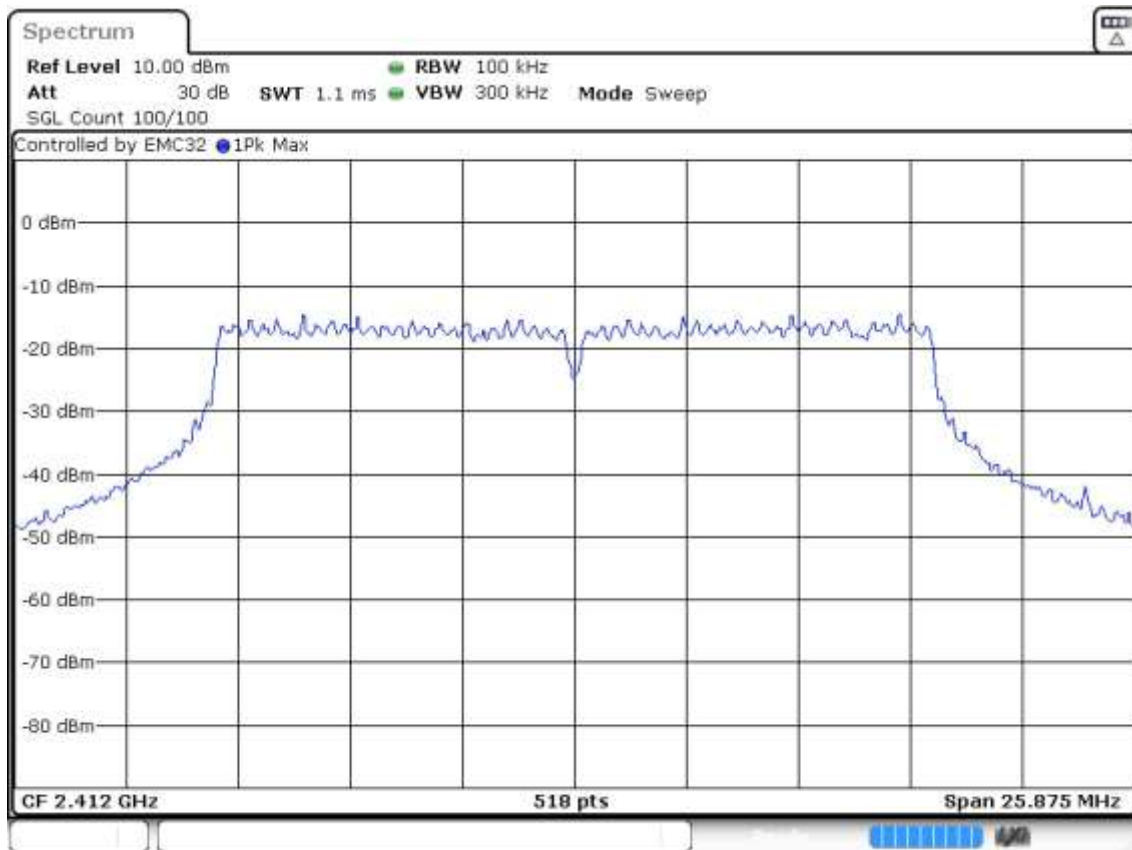
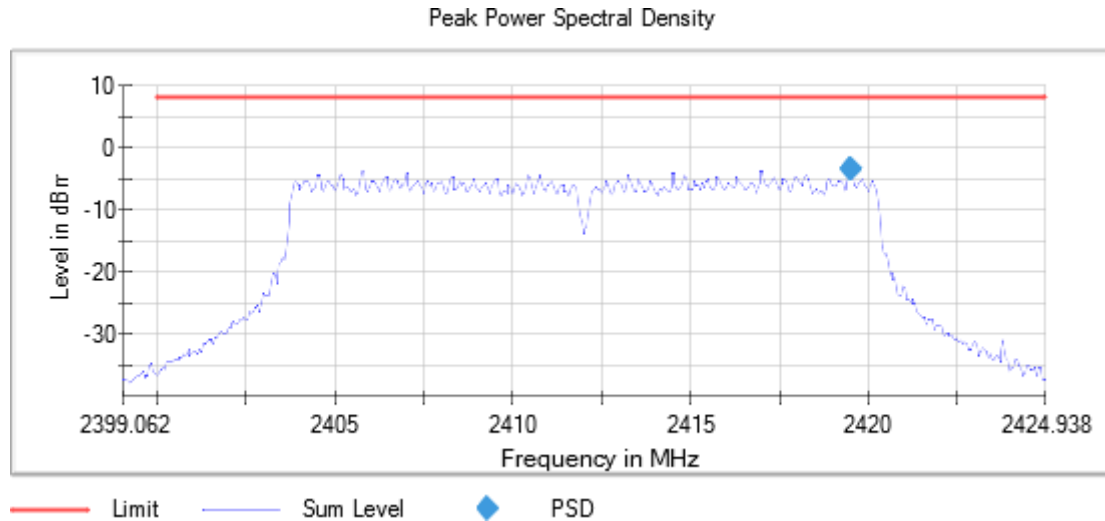
Images:



Date: 14.DEC.2025 11:49:55

Operation Band MHz = [2400, 2483.5] Equipment Type = Digital Transmission System (DTS)
Frequency MHz = 2412.00000 Active Port = 2
Modulation = 802.11g (OFDM 54 Mbit/s)

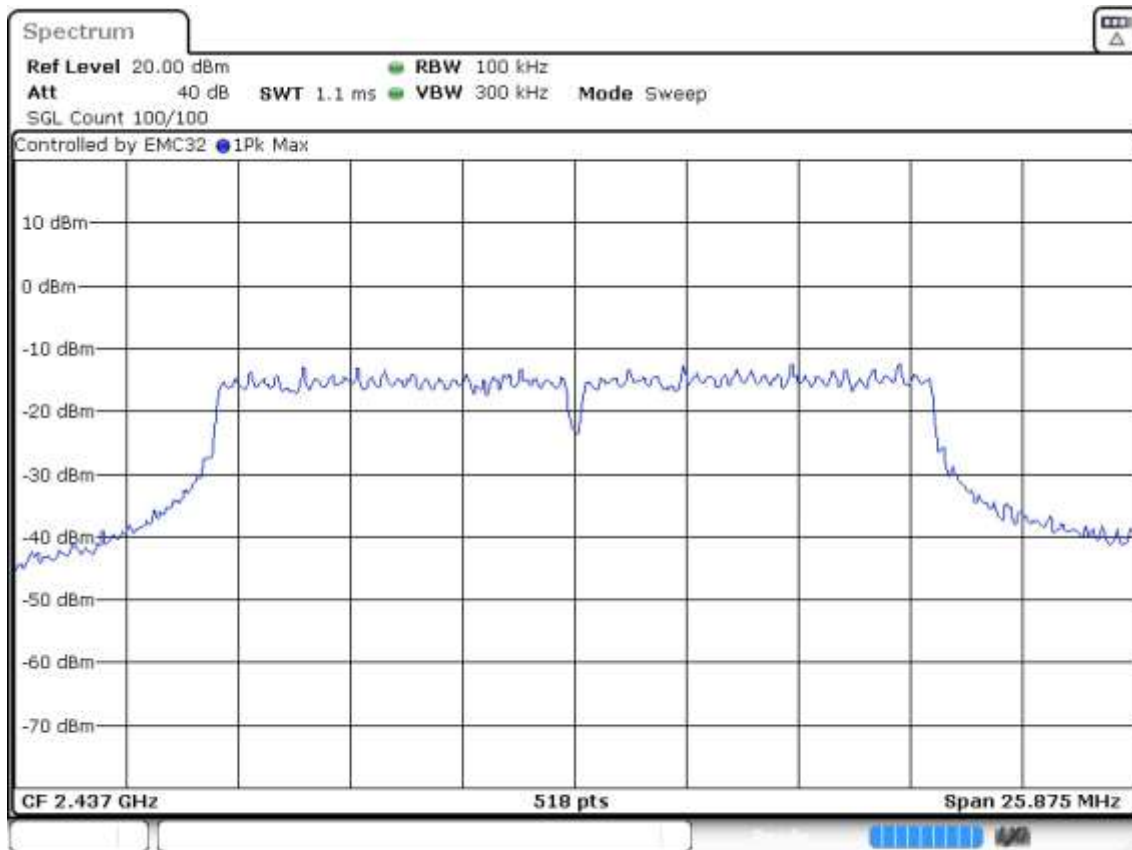
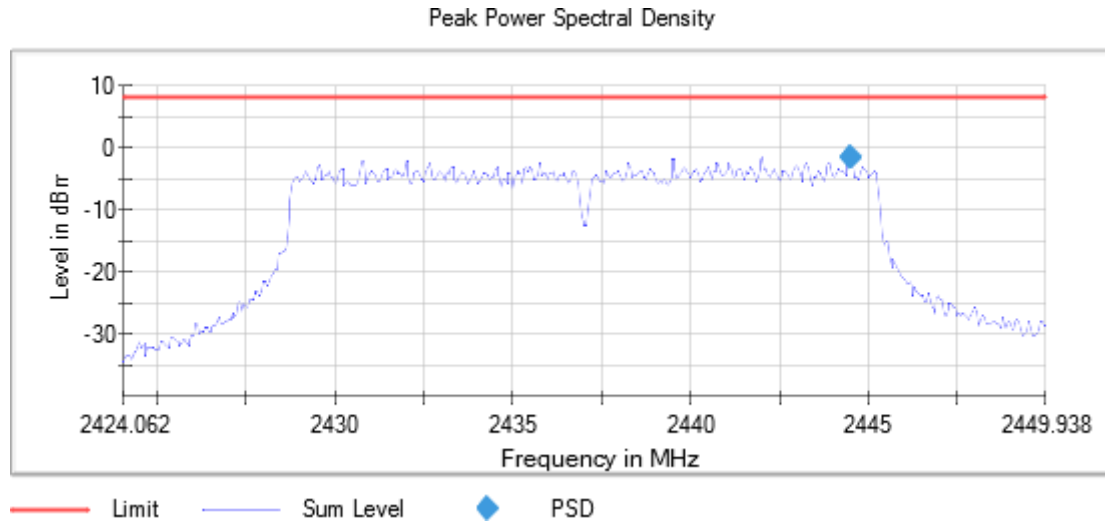
Images:



Date: 14.DEC.2025 14:37:24

Operation Band MHz = [2400, 2483.5] Equipment Type = Digital Transmission System (DTS)
Frequency MHz = 2437.00000 Active Port = 1
Modulation = 802.11g (OFDM 54 Mbit/s)

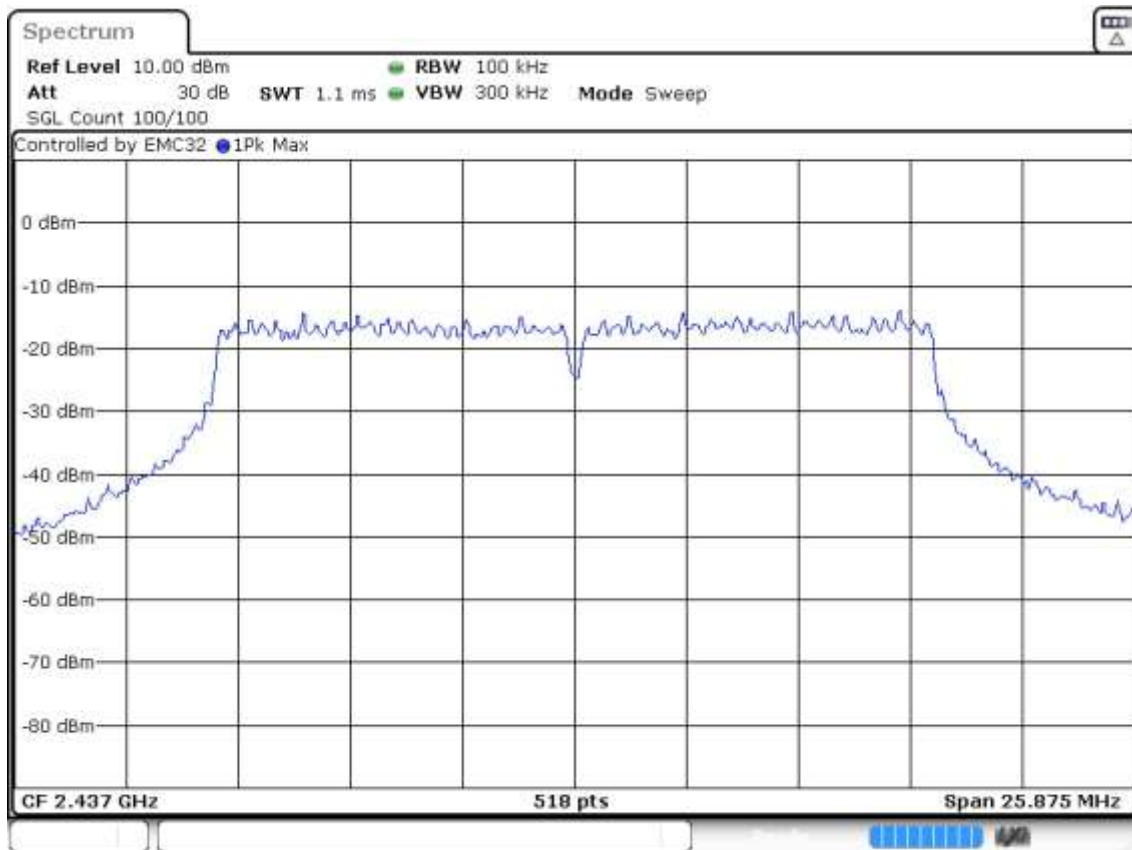
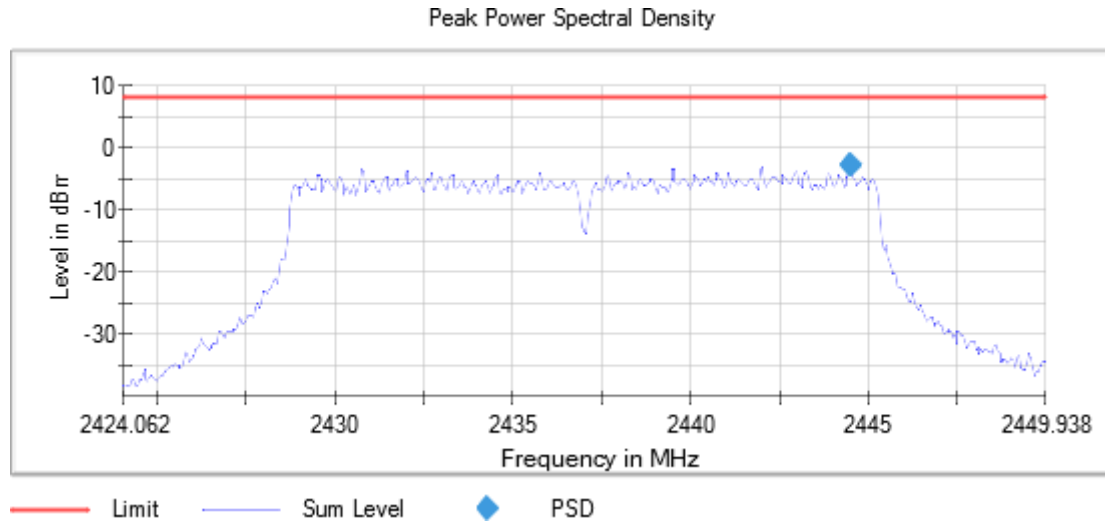
Images:



Date: 14.DEC.2025 11:54:39

Operation Band MHz = [2400, 2483.5] Equipment Type = Digital Transmission System (DTS)
Frequency MHz = 2437.00000 Active Port = 2
Modulation = 802.11g (OFDM 54 Mbit/s)

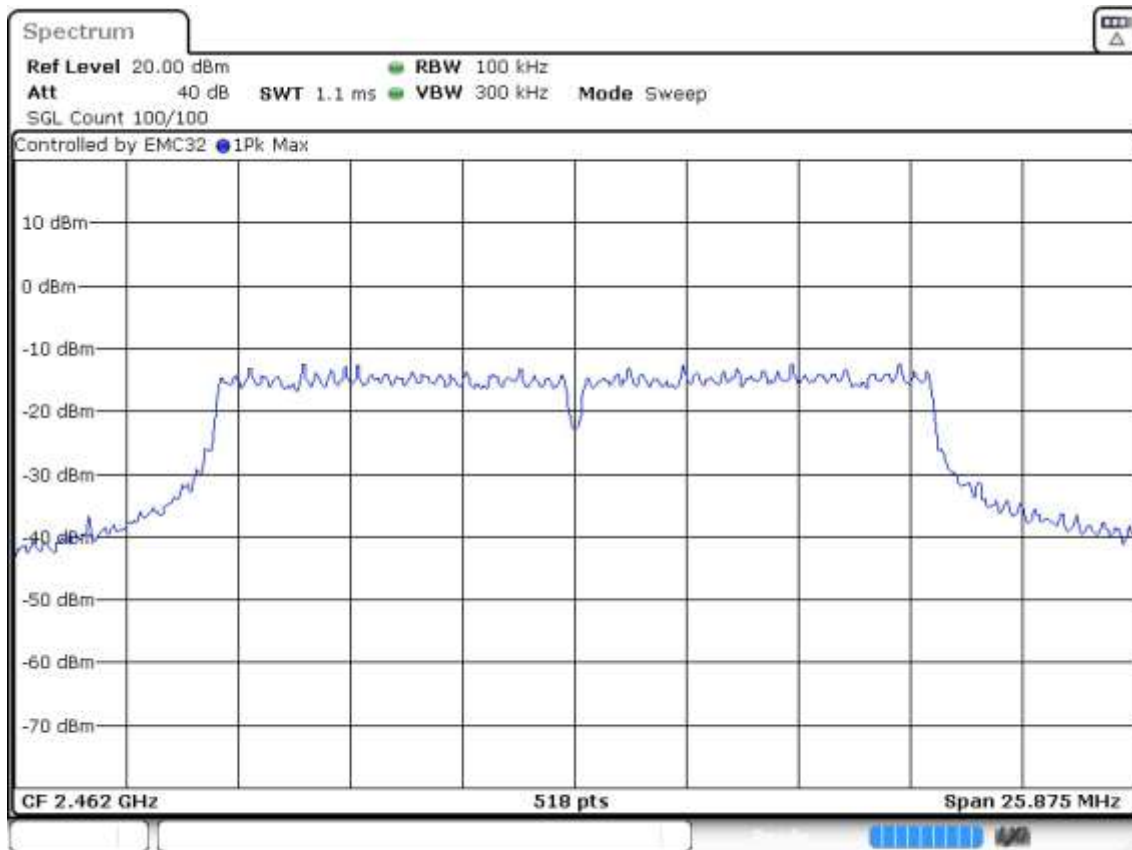
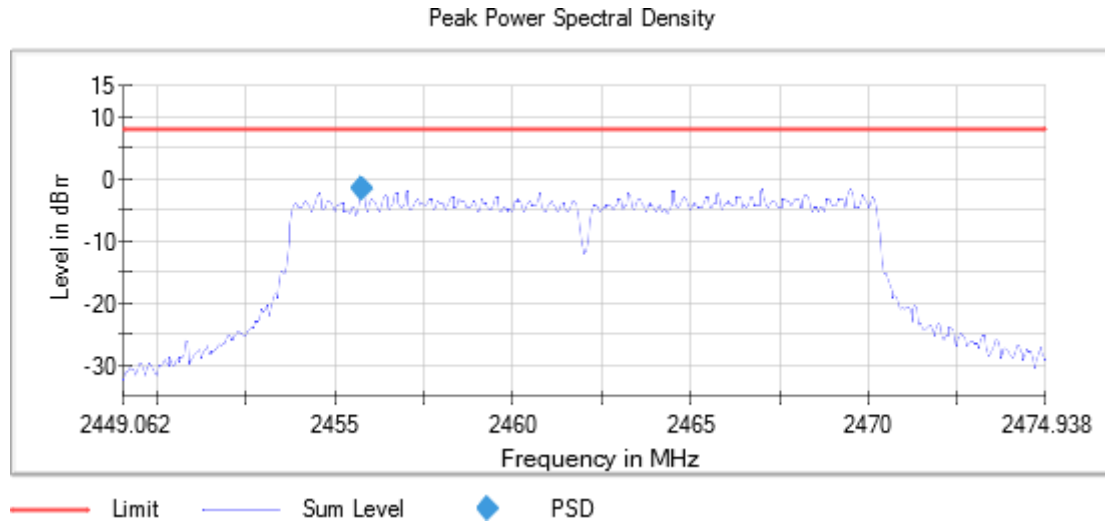
Images:



Date: 14.DEC.2025 14:58:11

Operation Band MHz = [2400, 2483.5] Equipment Type = Digital Transmission System (DTS)
Frequency MHz = 2462.00000 Active Port = 1
Modulation = 802.11g (OFDM 54 Mbit/s)

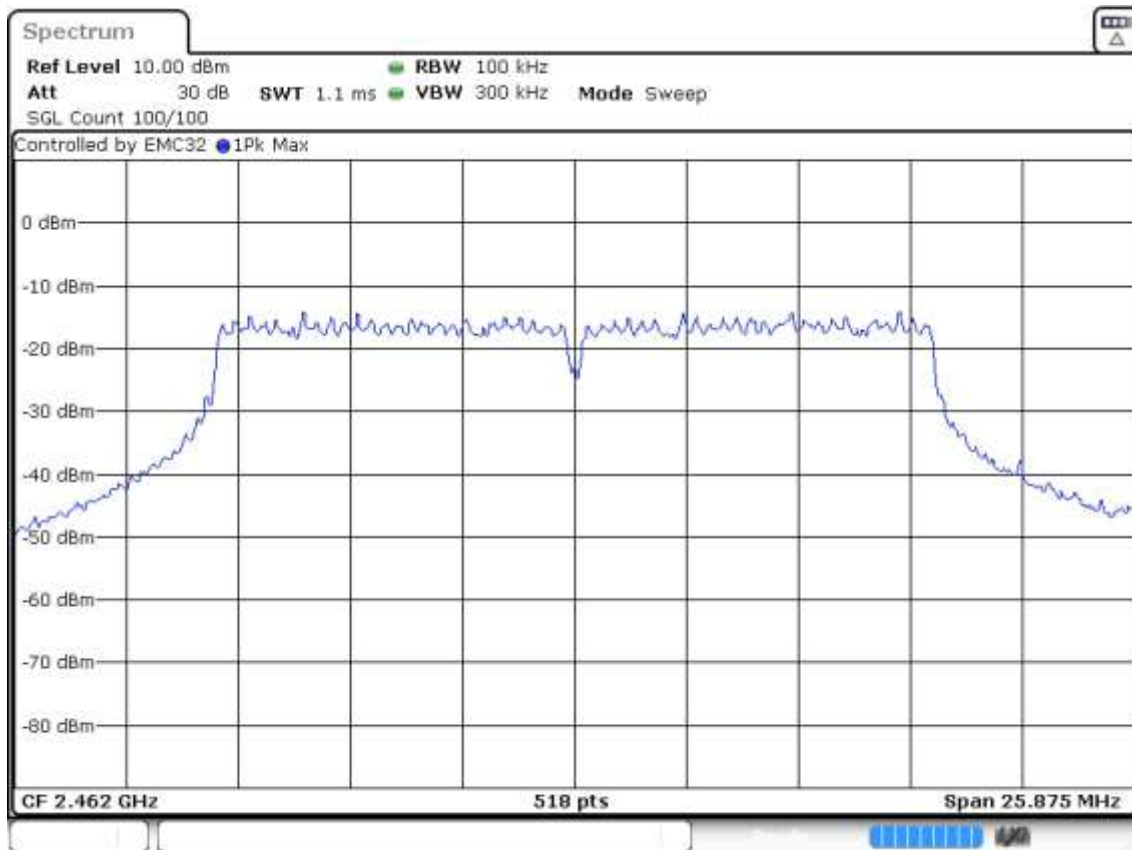
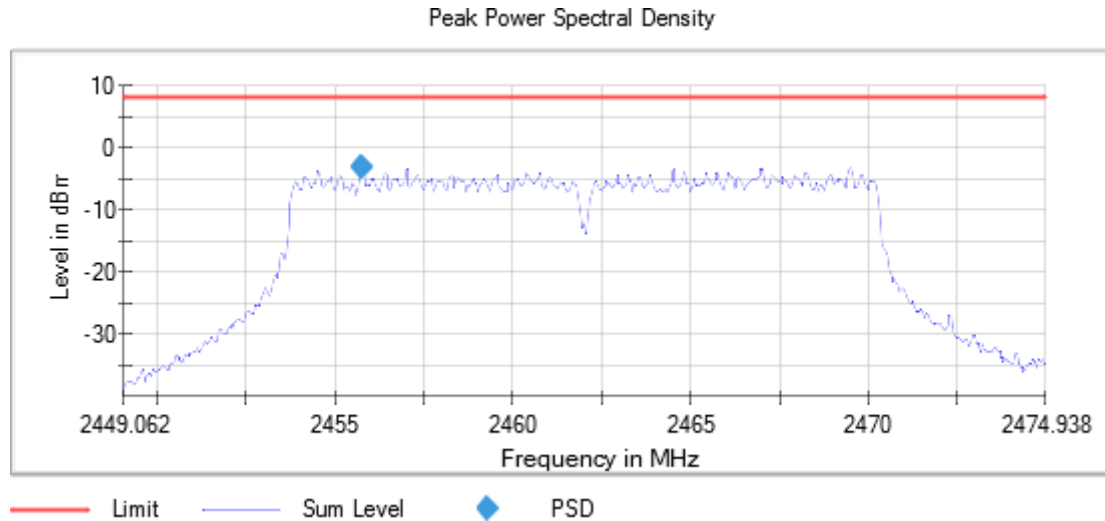
Images:



Date: 14.DEC.2025 12:15:03

Operation Band MHz = [2400, 2483.5] Equipment Type = Digital Transmission System (DTS)
Frequency MHz = 2462.00000 Active Port = 2
Modulation = 802.11g (OFDM 54 Mbit/s)

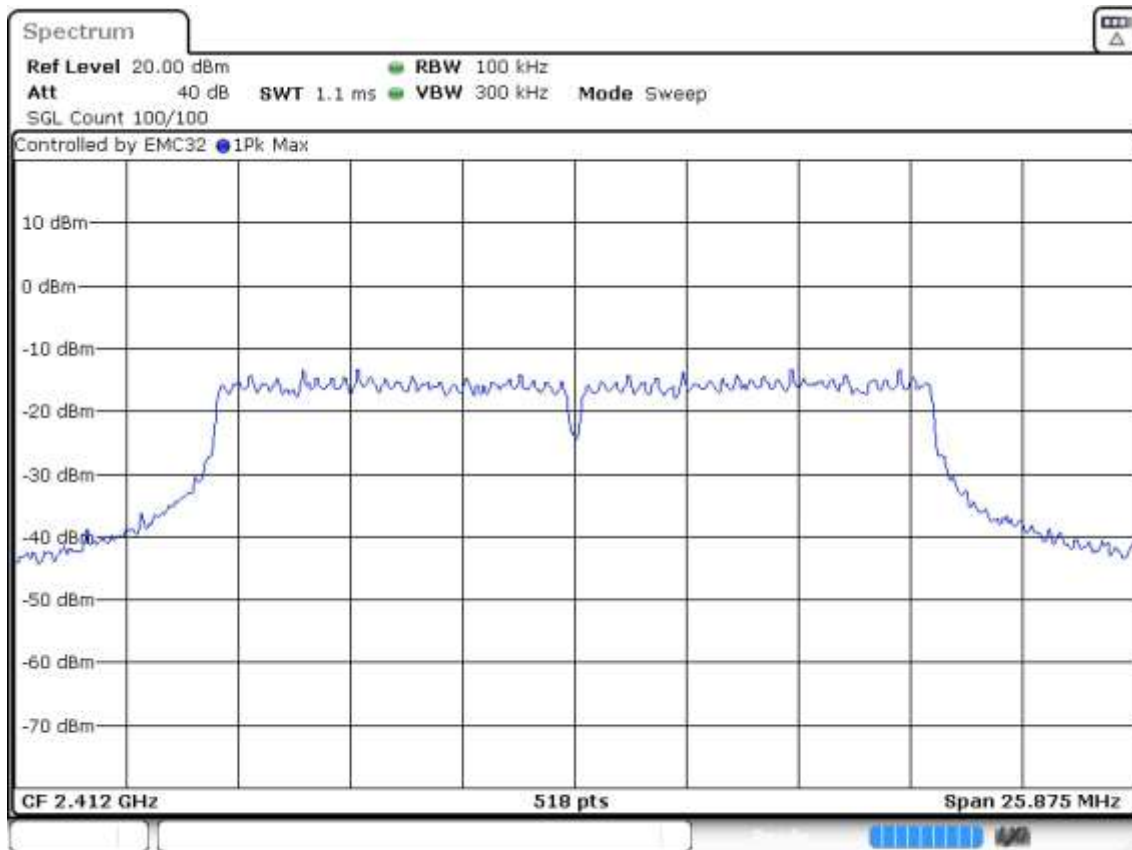
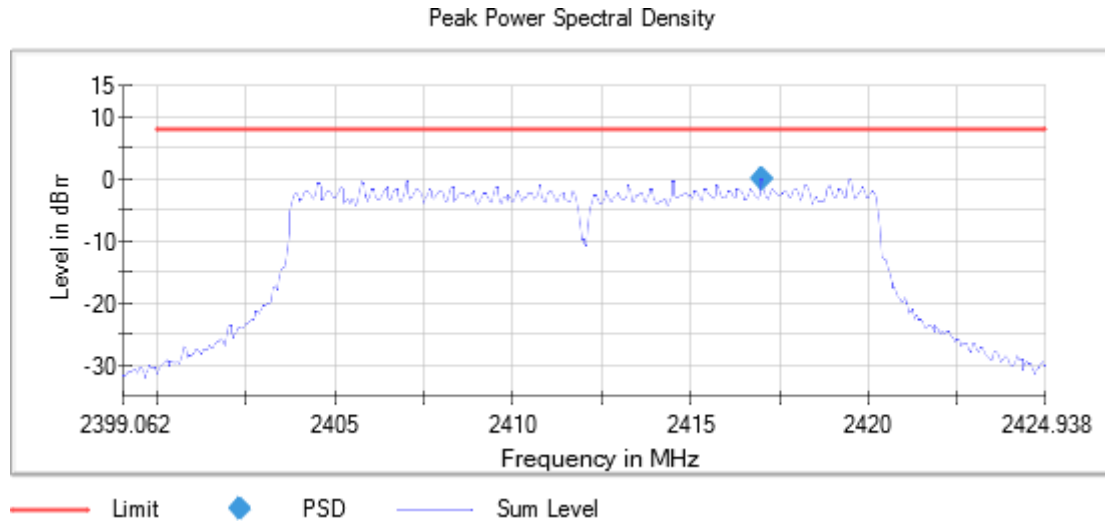
Images:



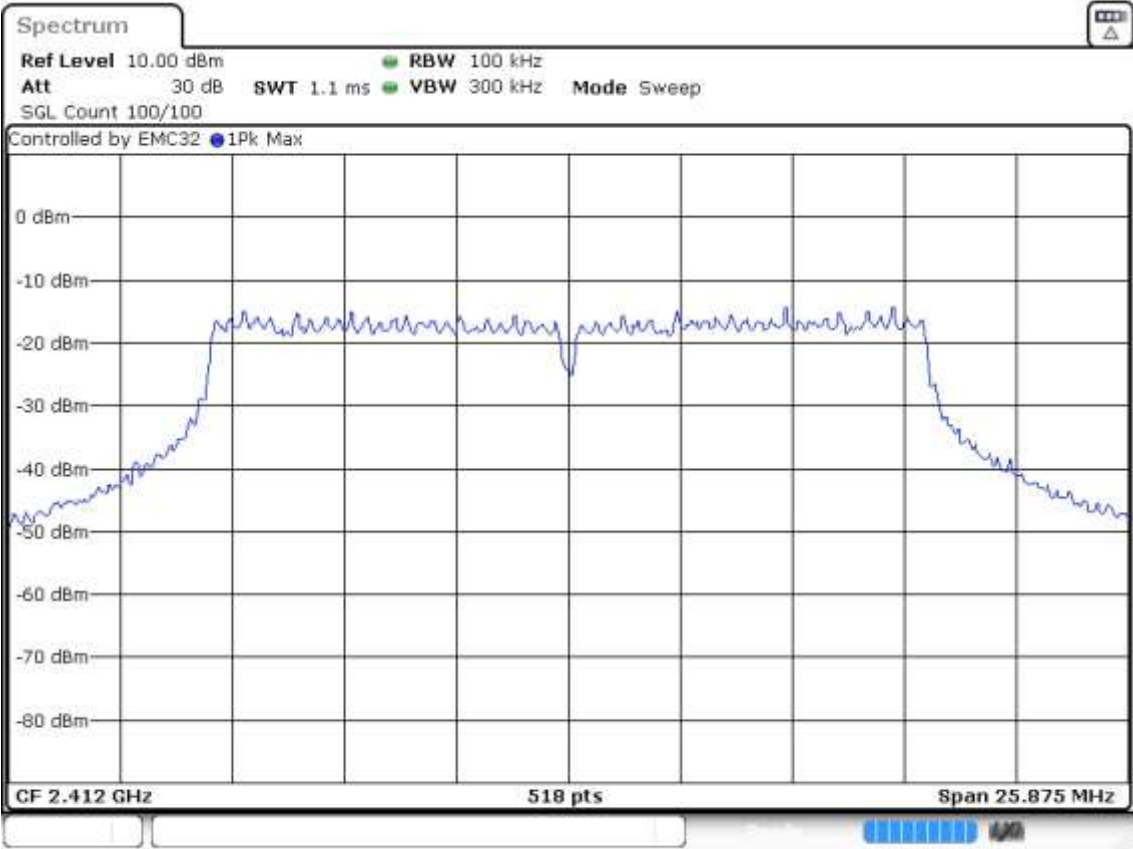
Date: 14.DEC.2025 15:03:10

Operation Band MHz = [2400, 2483.5] Equipment Type = Digital Transmission System (DTS)
Frequency MHz = 2412.00000 Active Port = 1+2
Modulation = 802.11g (OFDM 54 Mbit/s)

Images:



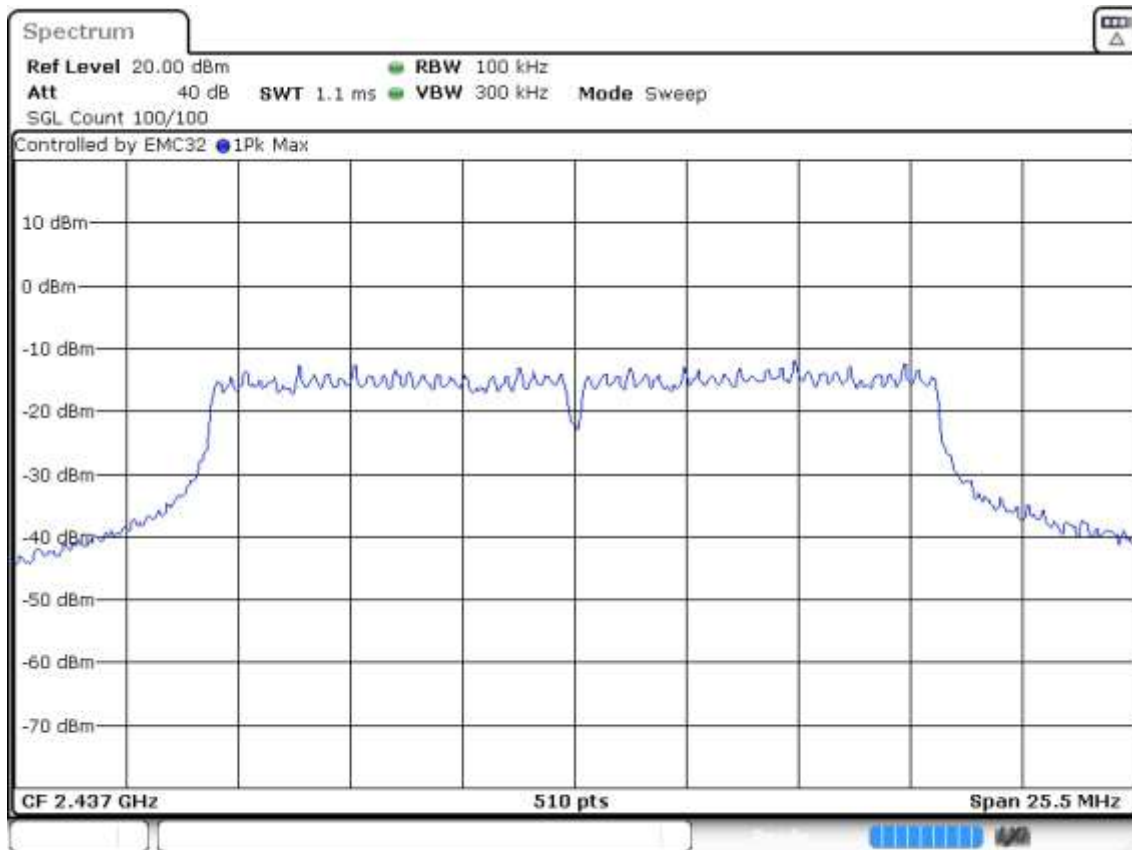
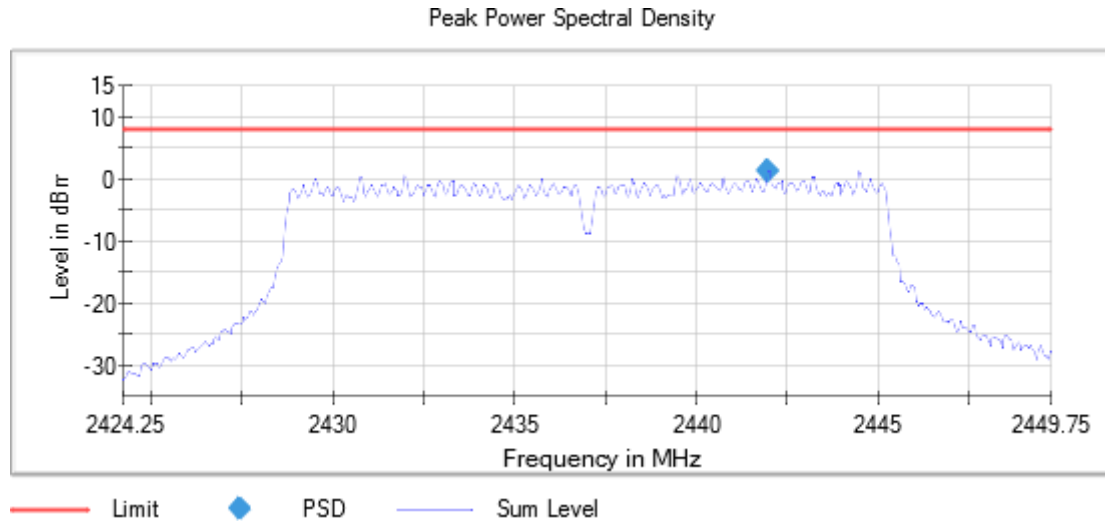
Date: 14.DEC.2025 18:44:04



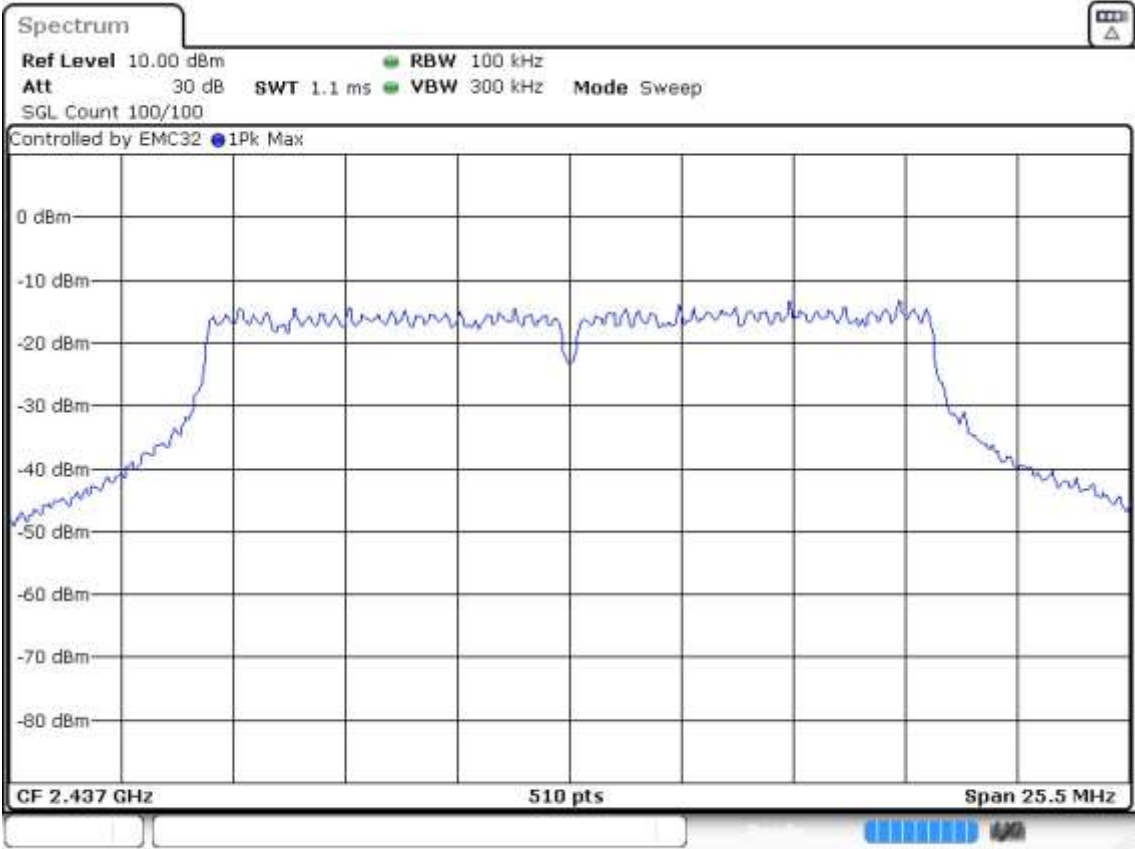
Date: 14.DEC.2025 18:44:41

Operation Band MHz = [2400, 2483.5] Equipment Type = Digital Transmission System (DTS)
Frequency MHz = 2437.00000 Active Port = 1+2
Modulation = 802.11g (OFDM 54 Mbit/s)

Images:



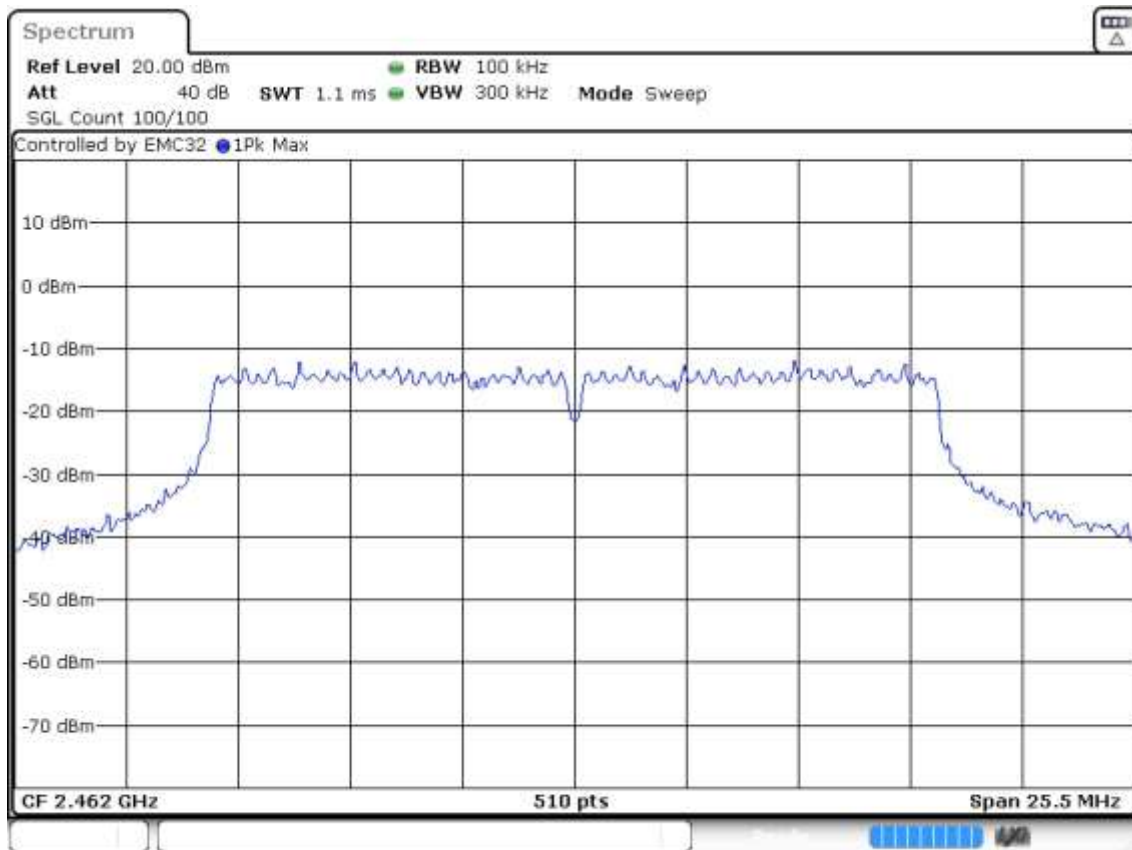
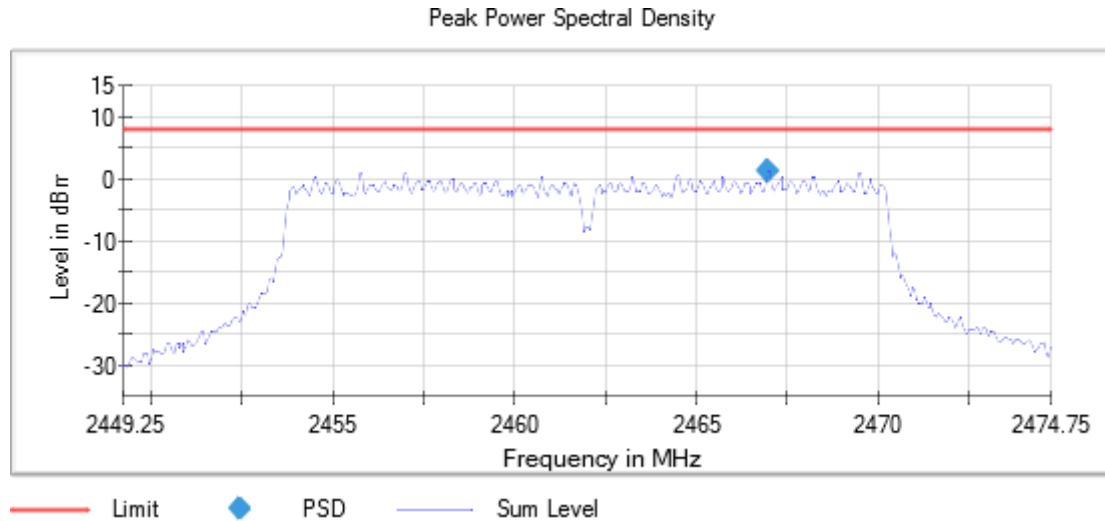
Date: 14.DEC.2025 21:21:35



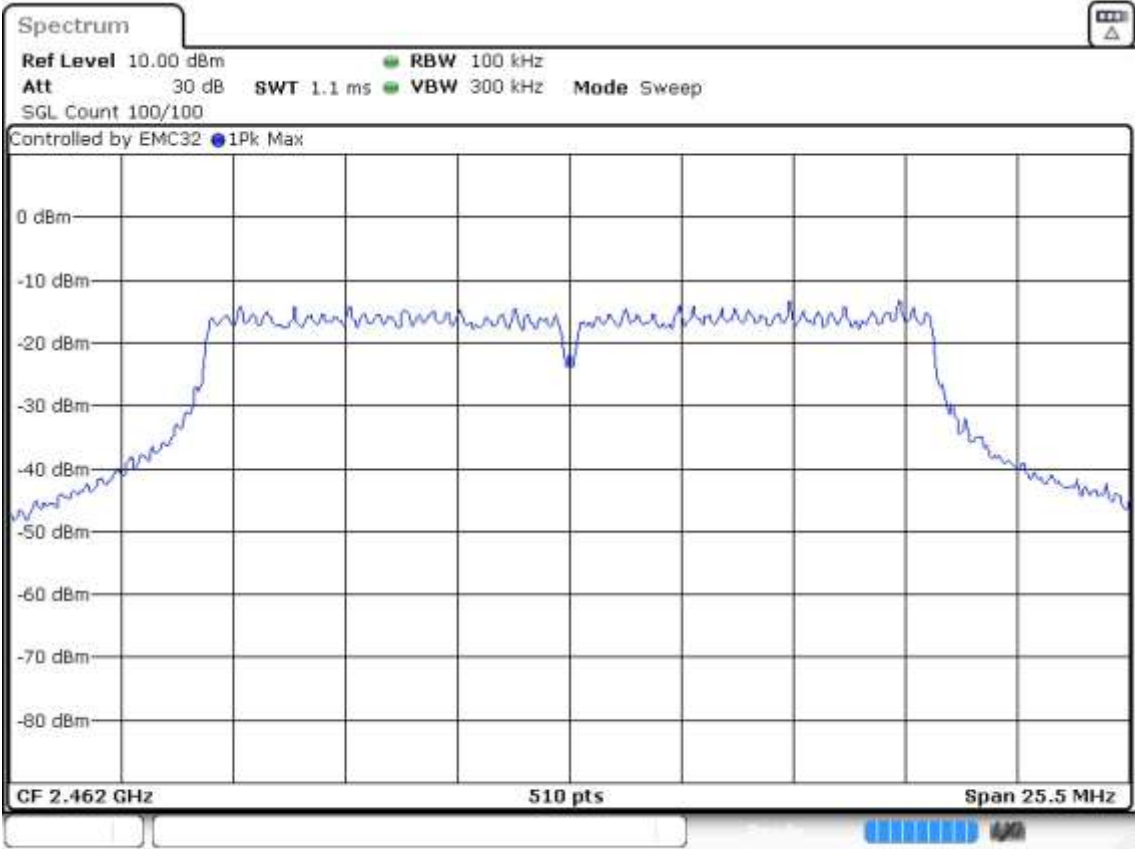
Date: 14.DEC.2025 21:22:51

Operation Band MHz = [2400, 2483.5] Equipment Type = Digital Transmission System (DTS)
Frequency MHz = 2462.00000 Active Port = 1+2
Modulation = 802.11g (OFDM 54 Mbit/s)

Images:



Date: 14.DEC.2025 21:48:20



Date: 14.DEC.2025 21:49:16

Modulation: 802.11n HT20 (OFDM MCS0)

Results

Operation Band (MHz)	Equipment	Freq (MHz)	Port	PSD (dBm)
[2400, 2483.5]	Digital Transmission System (DTS)	2412.00000	1	-1.04
			2	-2.12
		2437.00000	1	-0.27
			2	-1.30
		2462.00000	1	0.08
			2	-1.26
		2412.00000	1+2	-0.45
		2437.00000		0.43
		2462.00000		0.46

Verdict

Pass

Attachments

Operation Band MHz = [2400, 2483.5]

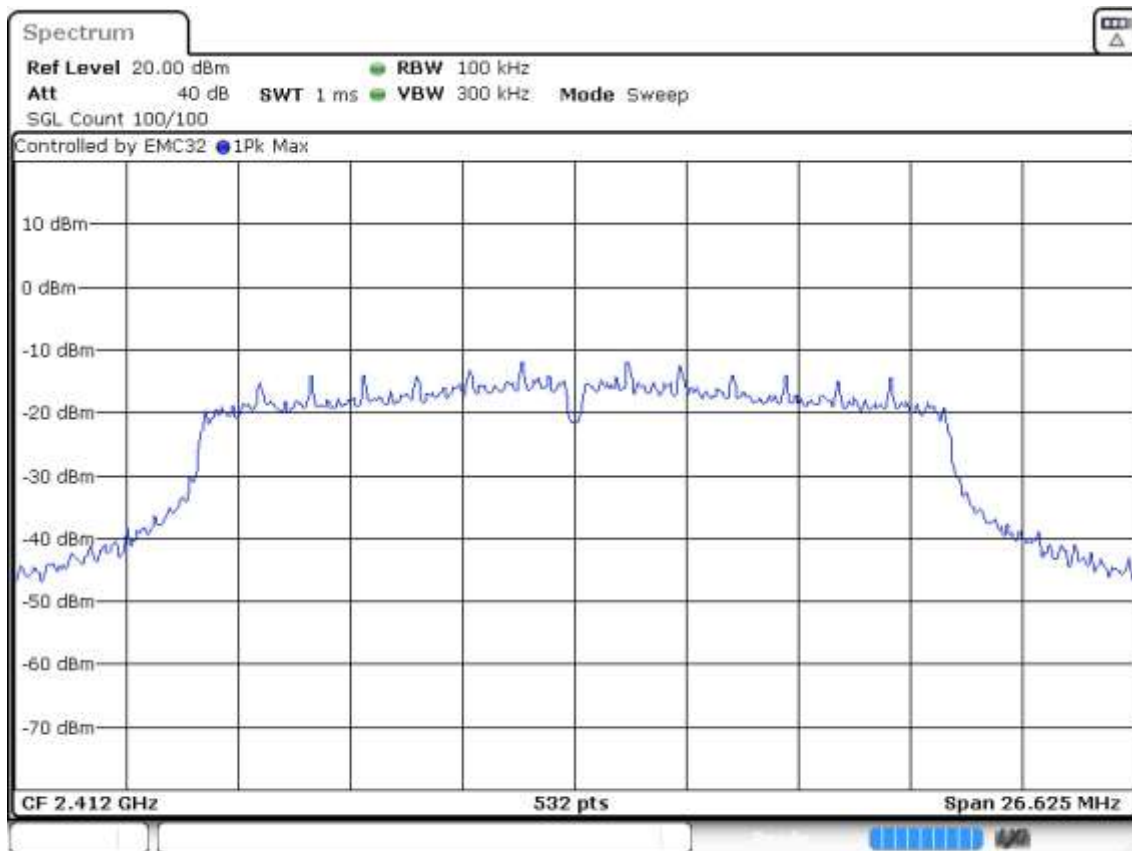
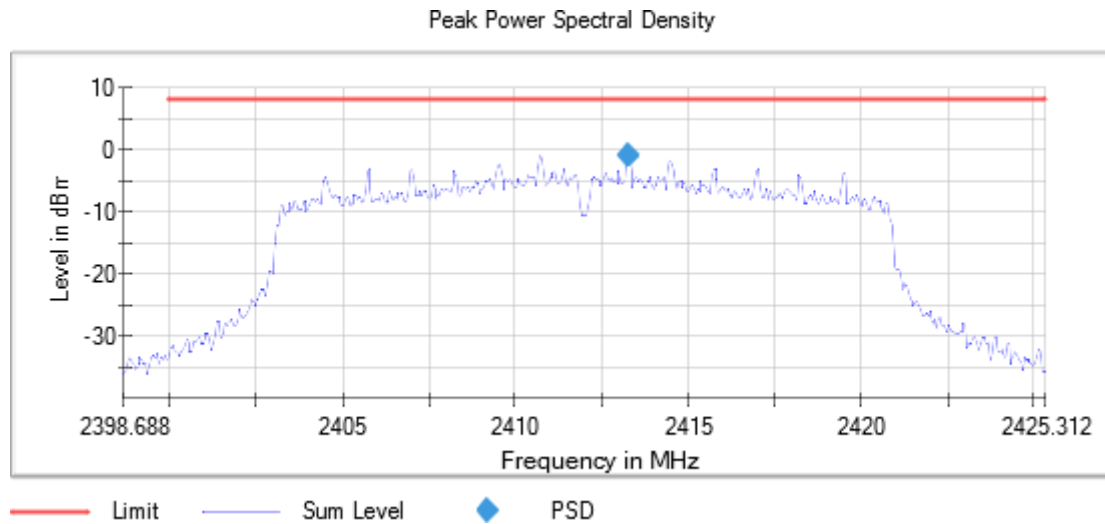
Equipment Type = Digital Transmission System (DTS)

Frequency MHz = 2412.00000

Active Port = 1

Modulation = 802.11n HT20 (OFDM MCS0)

Images:



Date: 14.DEC.2025 12:29:14

Operation Band MHz = [2400, 2483.5]

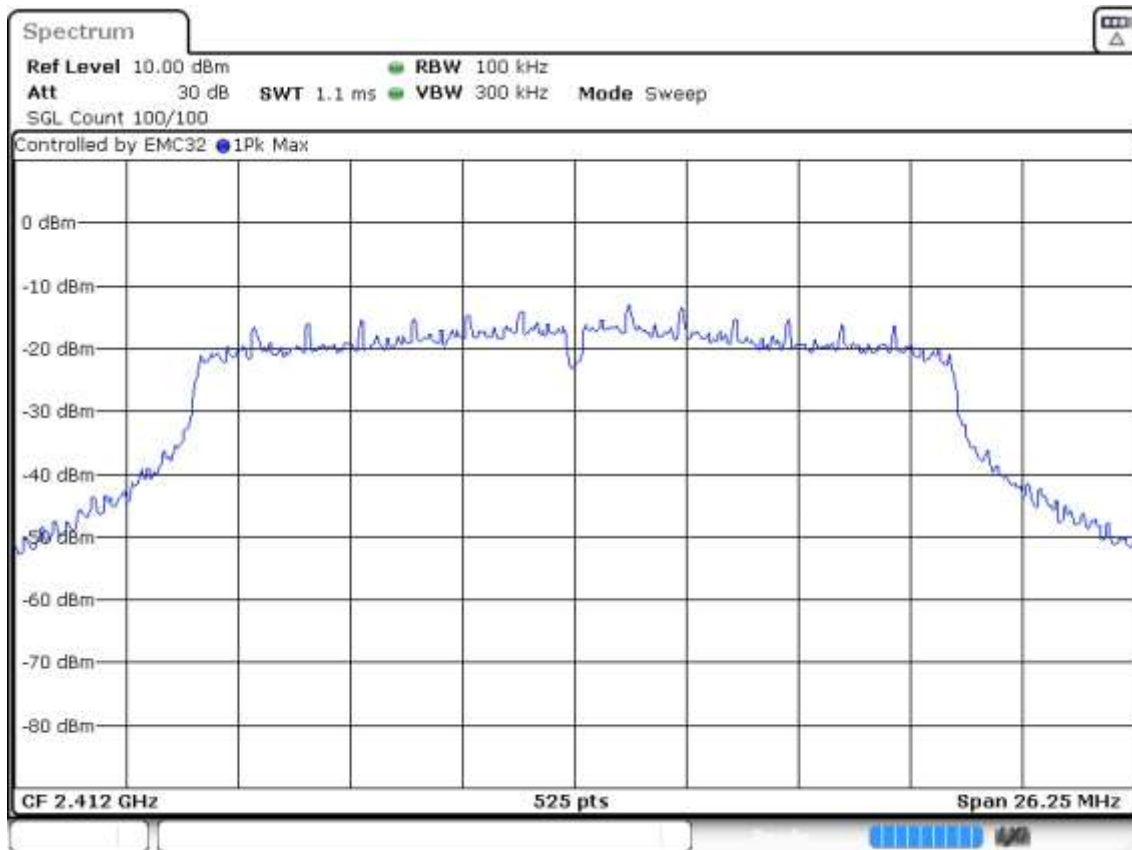
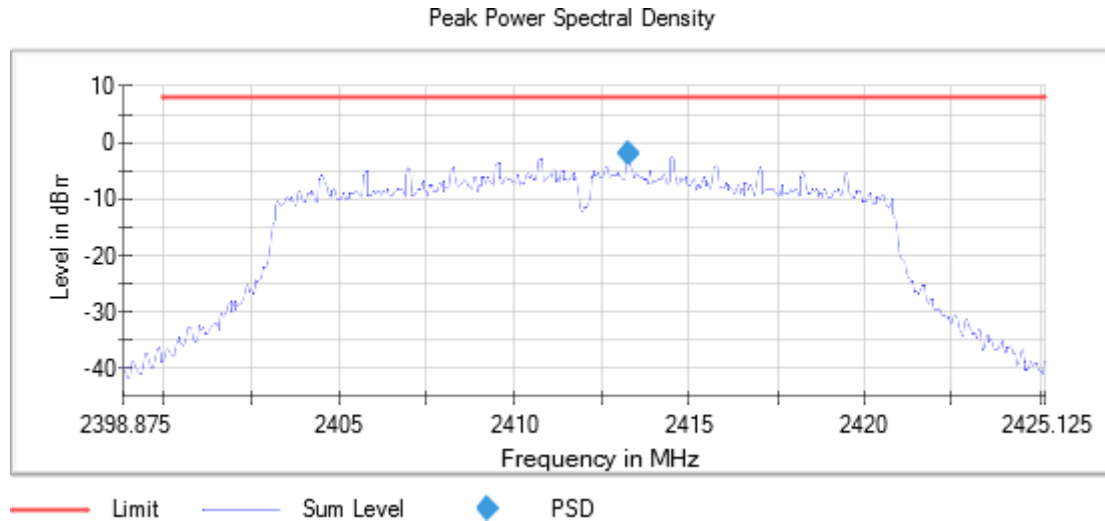
Equipment Type = Digital Transmission System (DTS)

Frequency MHz = 2412.00000

Active Port = 2

Modulation = 802.11n HT20 (OFDM MCS0)

Images:



Date: 14.DEC.2025 13:13:28

Operation Band MHz = [2400, 2483.5]

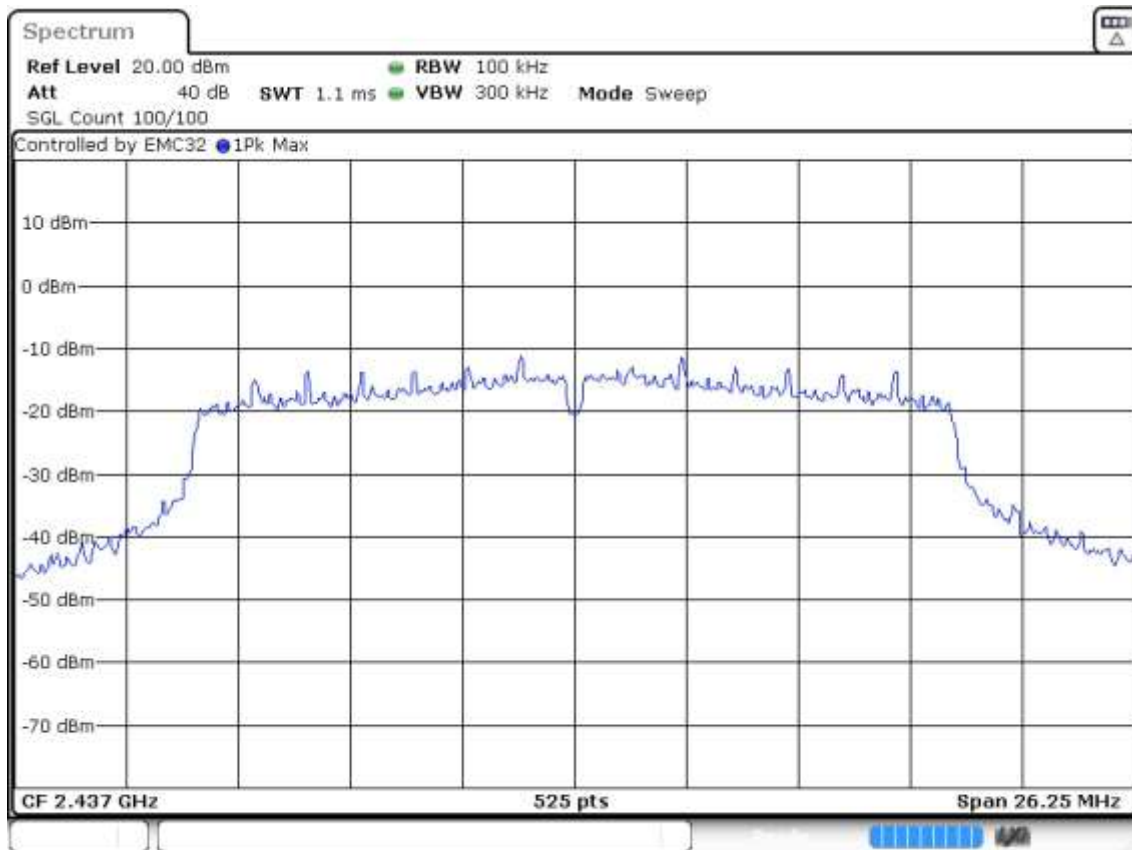
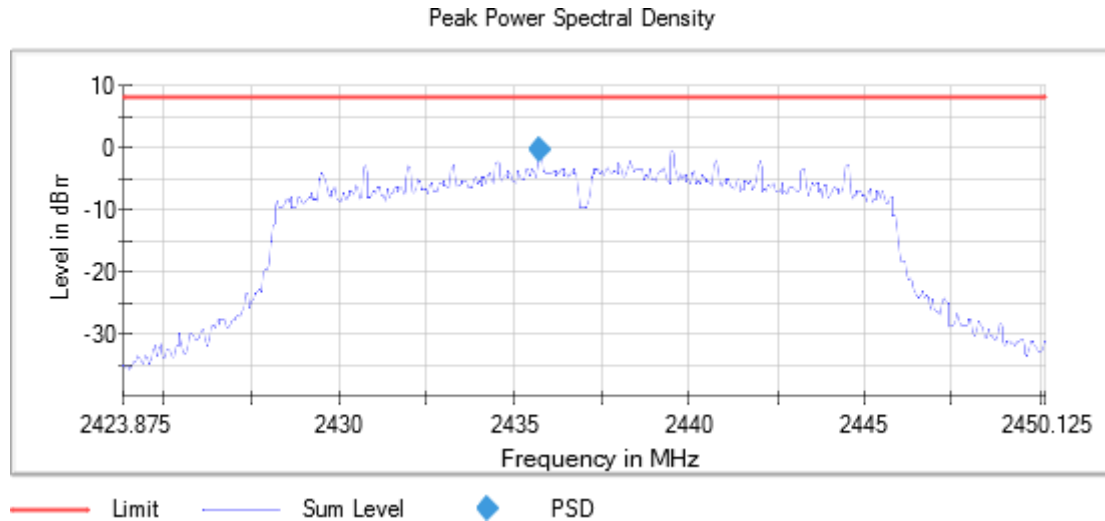
Equipment Type = Digital Transmission System (DTS)

Frequency MHz = 2437.00000

Active Port = 1

Modulation = 802.11n HT20 (OFDM MCS0)

Images:



Date: 14.DEC.2025 12:34:14

Operation Band MHz = [2400, 2483.5]

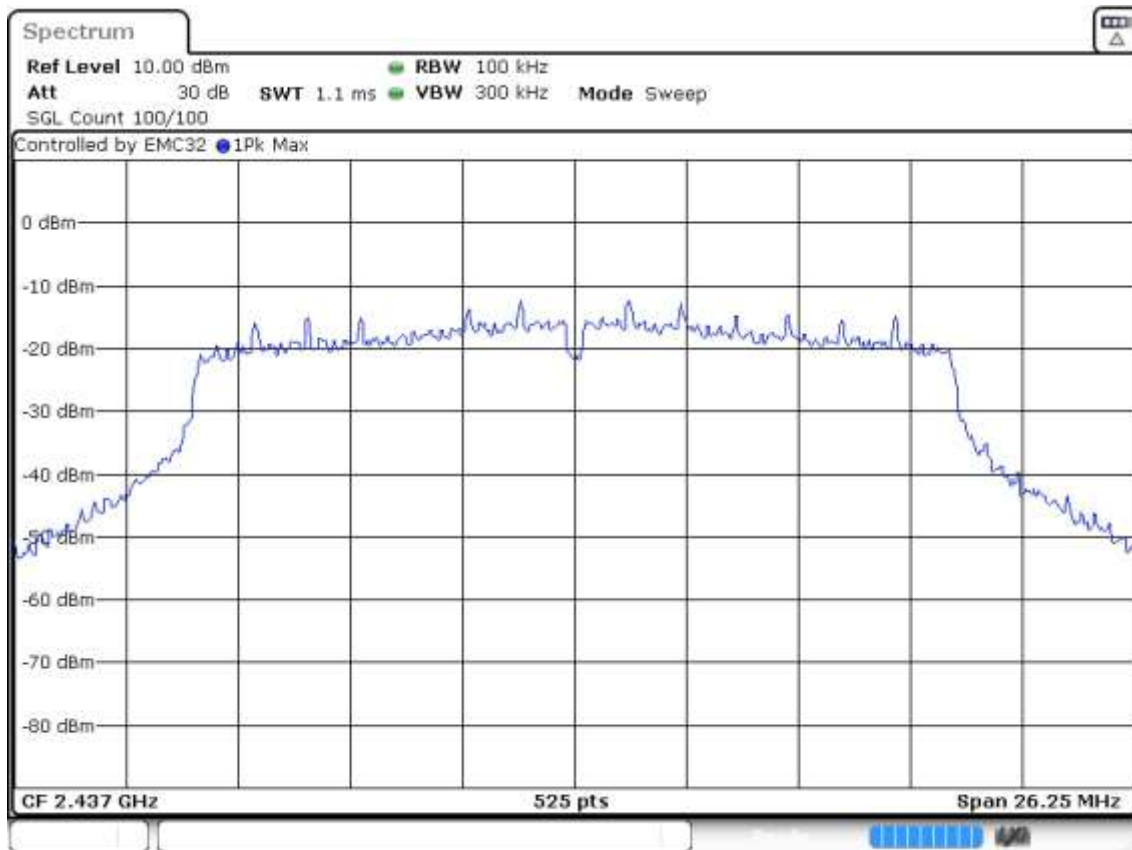
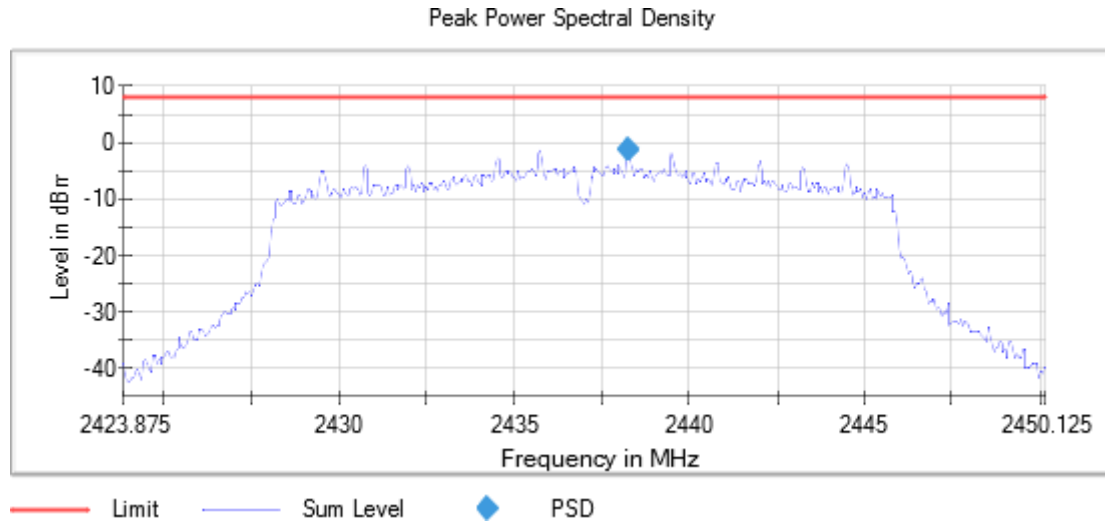
Equipment Type = Digital Transmission System (DTS)

Frequency MHz = 2437.00000

Active Port = 2

Modulation = 802.11n HT20 (OFDM MCS0)

Images:



Date: 14.DEC.2025 13:20:51

Operation Band MHz = [2400, 2483.5]

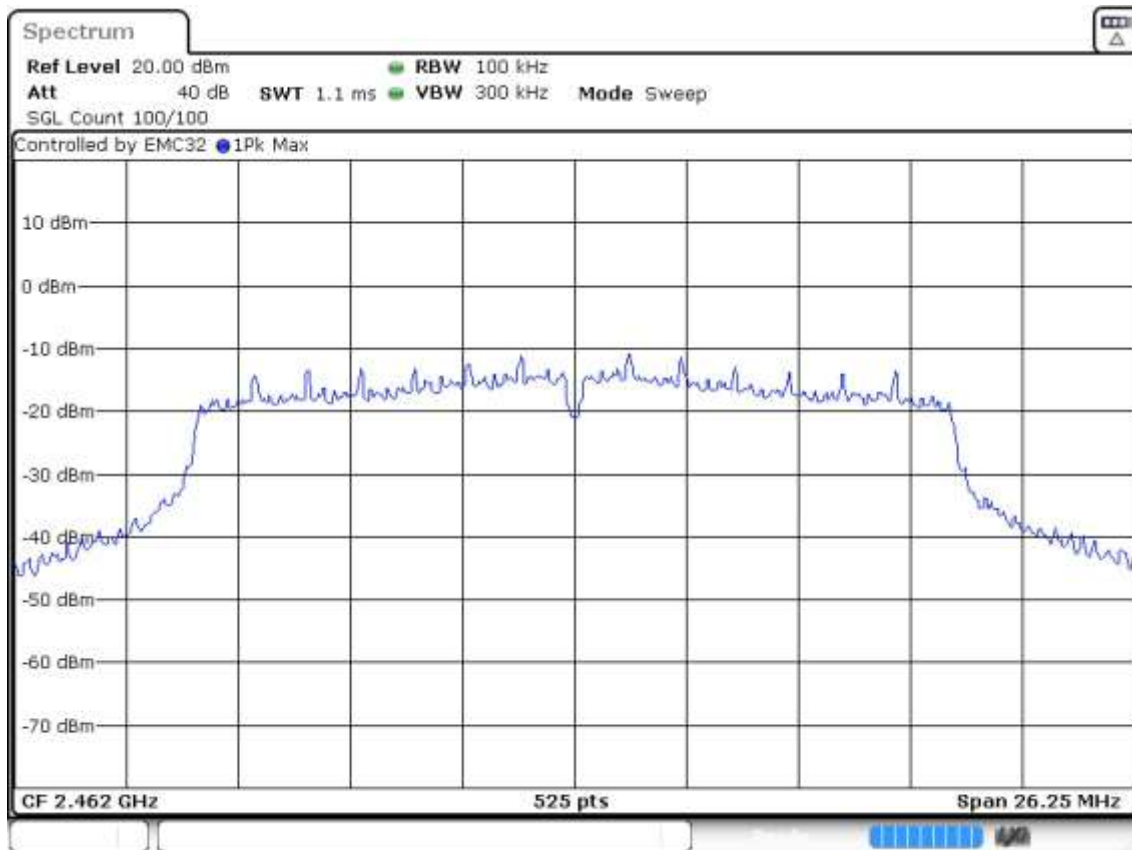
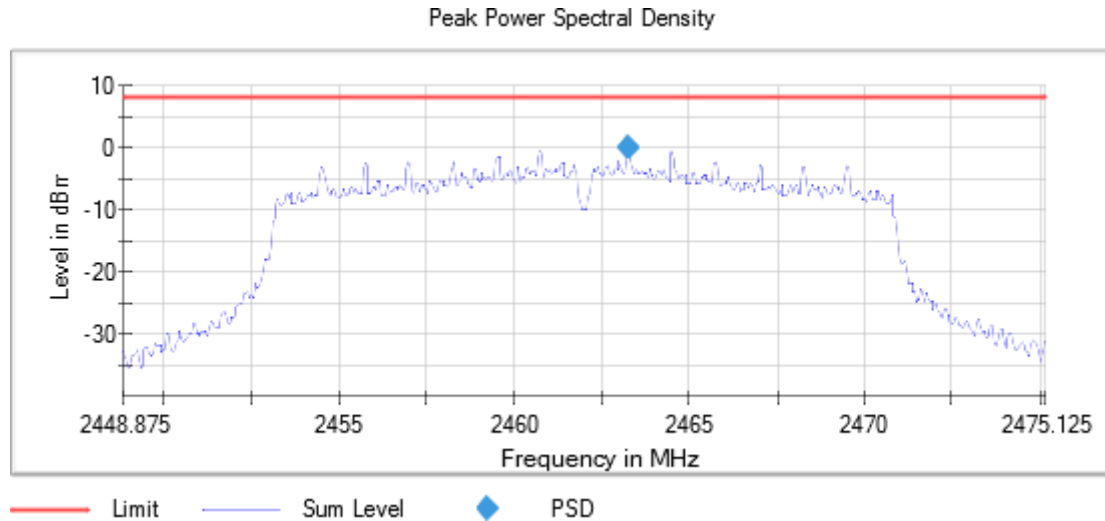
Equipment Type = Digital Transmission System (DTS)

Frequency MHz = 2462.00000

Active Port = 1

Modulation = 802.11n HT20 (OFDM MCS0)

Images:



Date: 14.DEC.2025 12:48:09

Operation Band MHz = [2400, 2483.5]

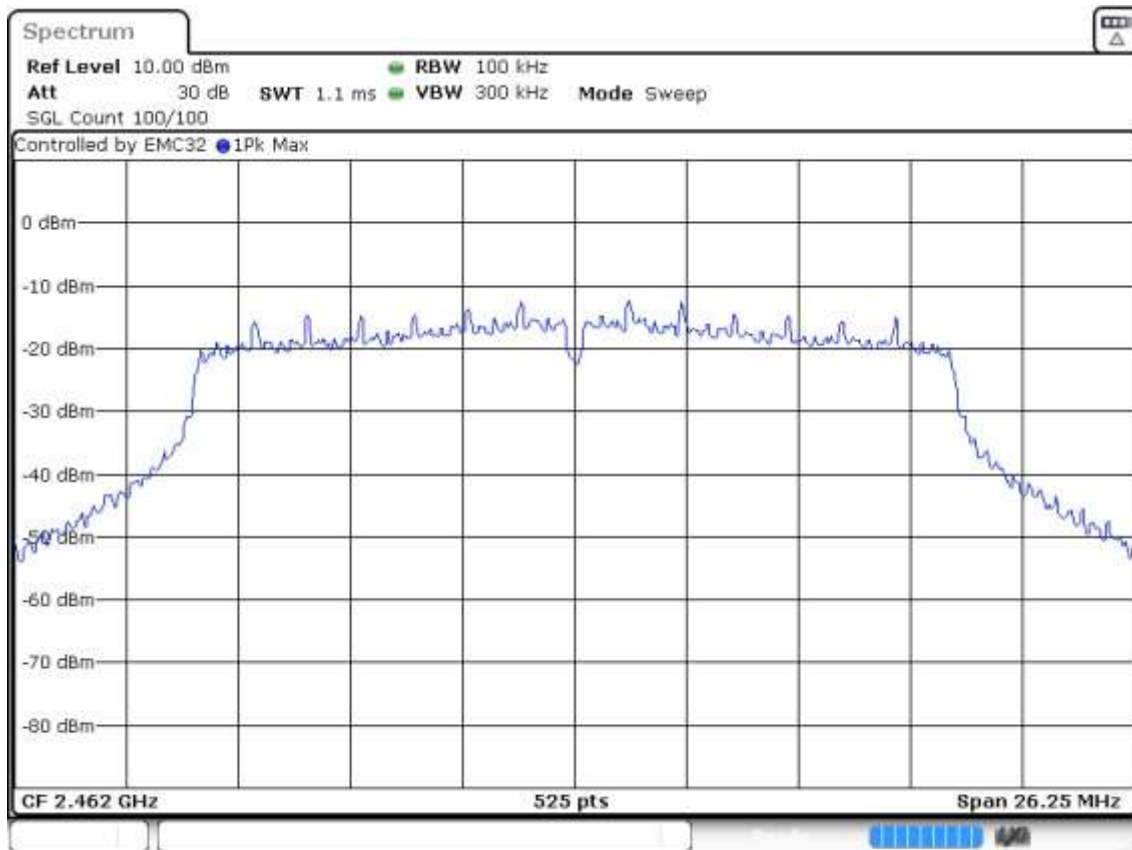
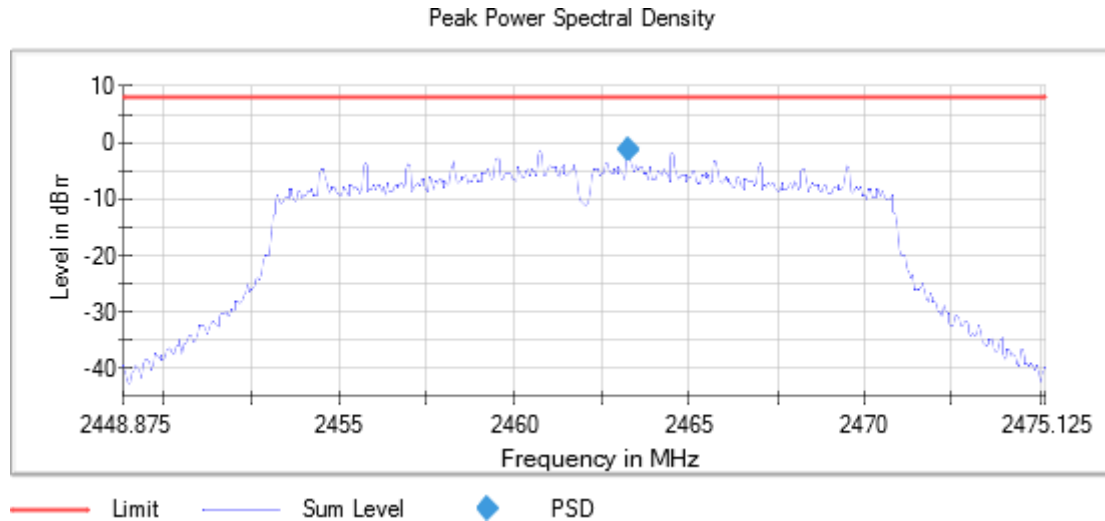
Equipment Type = Digital Transmission System (DTS)

Frequency MHz = 2462.00000

Active Port = 2

Modulation = 802.11n HT20 (OFDM MCS0)

Images:



Date: 14.DEC.2025 13:50:44

Operation Band MHz = [2400, 2483.5]

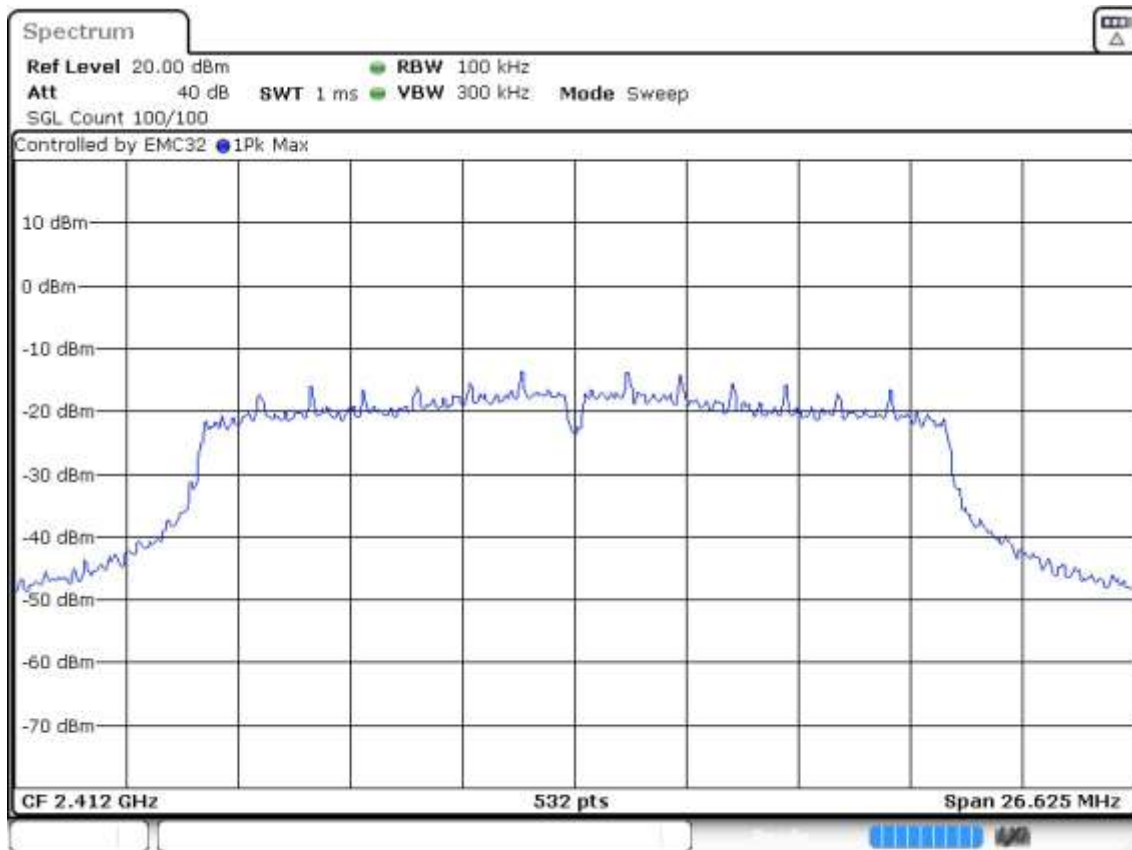
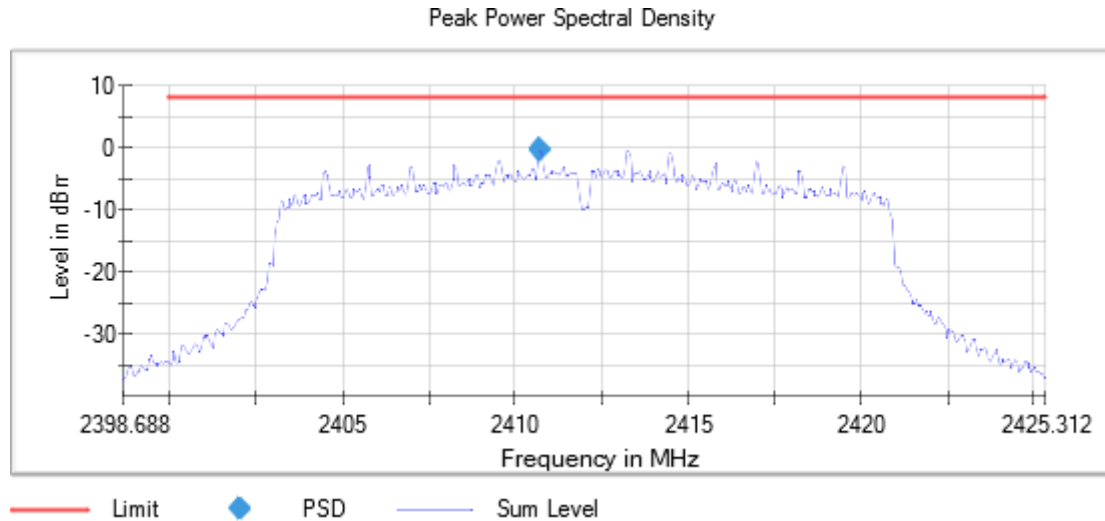
Equipment Type = Digital Transmission System (DTS)

Frequency MHz = 2412.00000

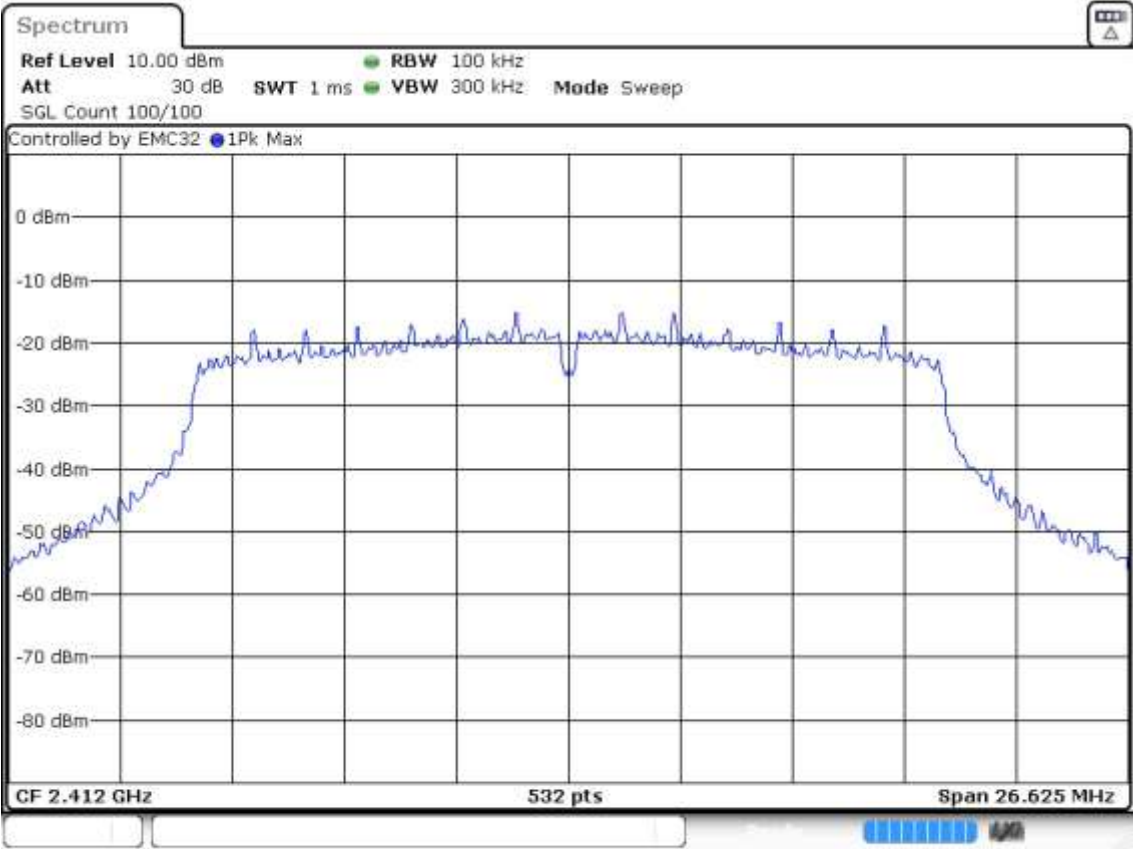
Active Port = 1+2

Modulation = 802.11n HT20 (OFDM MCS0)

Images:



Date: 14.DEC.2025 22:52:39



Date: 14.DEC.2025 22:53:29

Operation Band MHz = [2400, 2483.5]

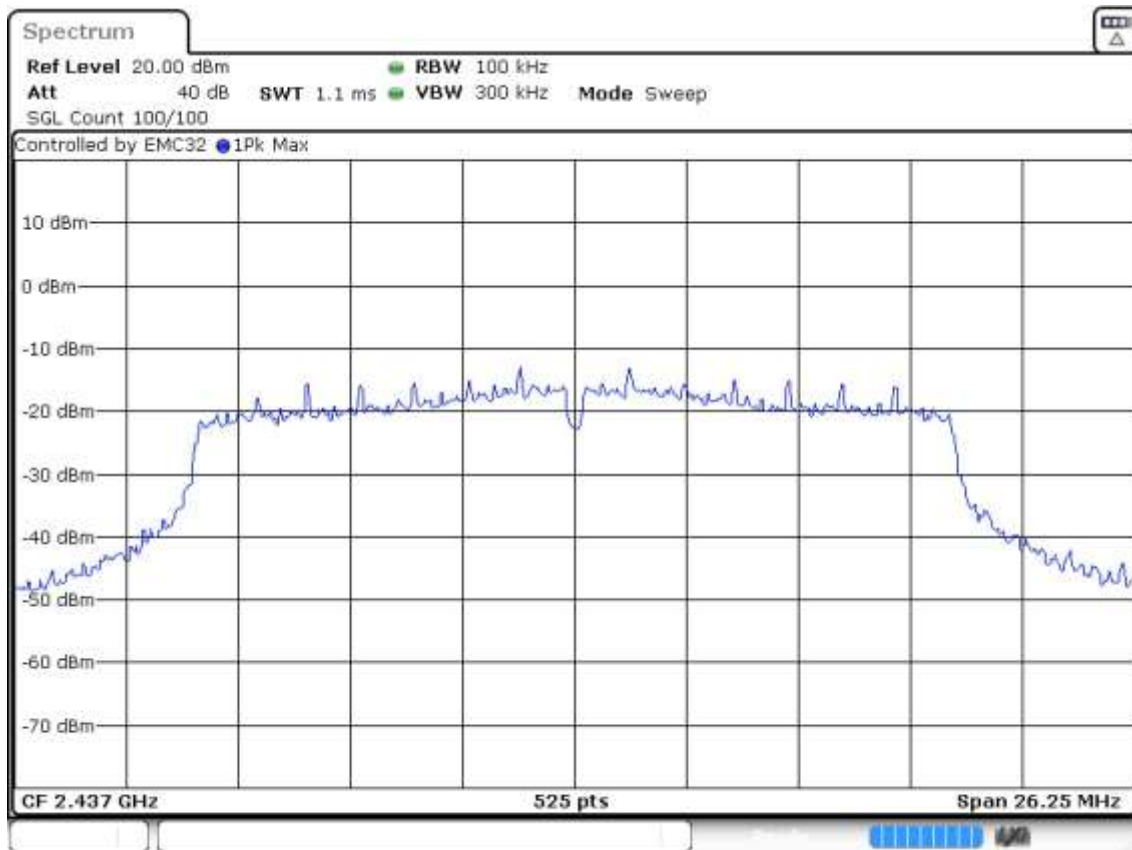
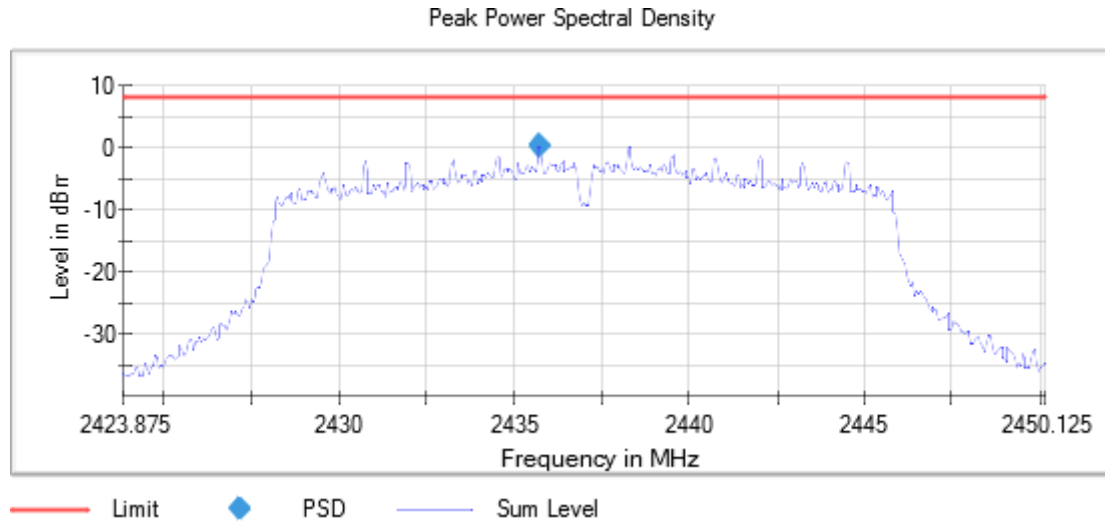
Equipment Type = Digital Transmission System (DTS)

Frequency MHz = 2437.00000

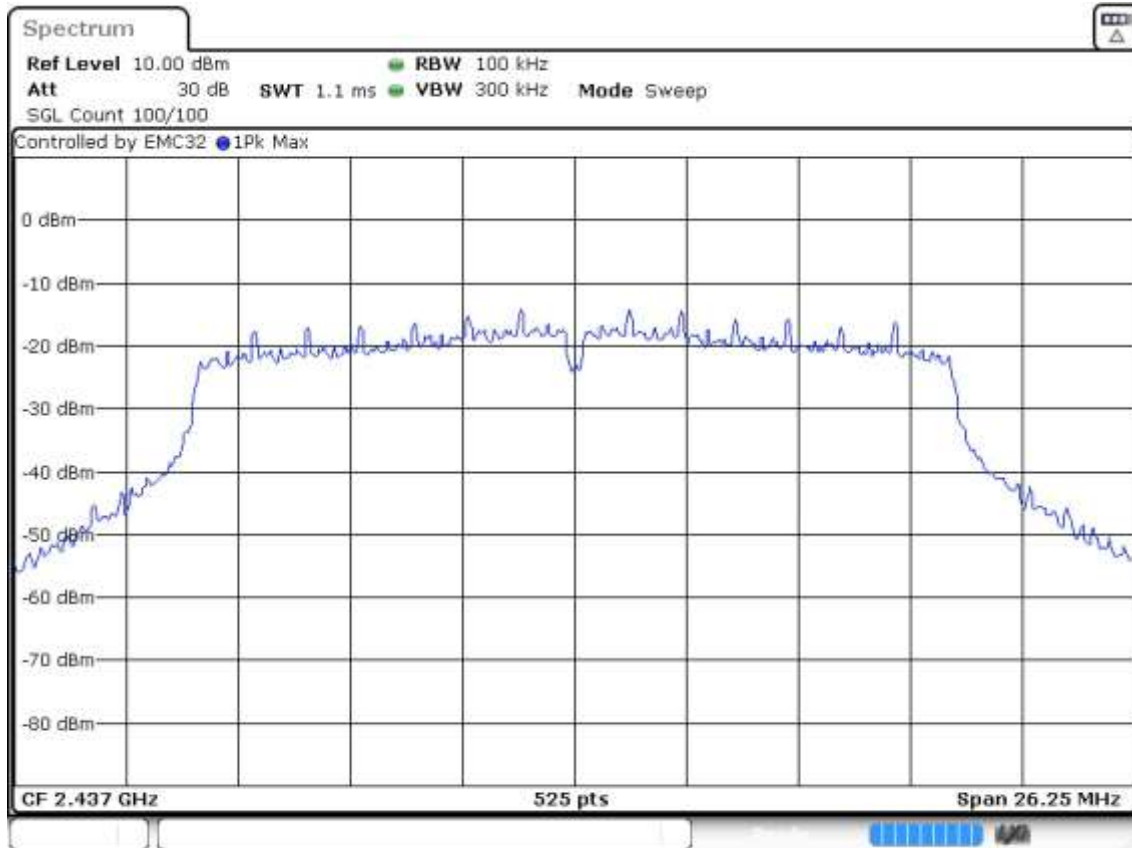
Active Port = 1+2

Modulation = 802.11n HT20 (OFDM MCS0)

Images:



Date: 14.DEC.2025 22:59:46



Date: 14.DEC.2025 23:00:54

Operation Band MHz = [2400, 2483.5]

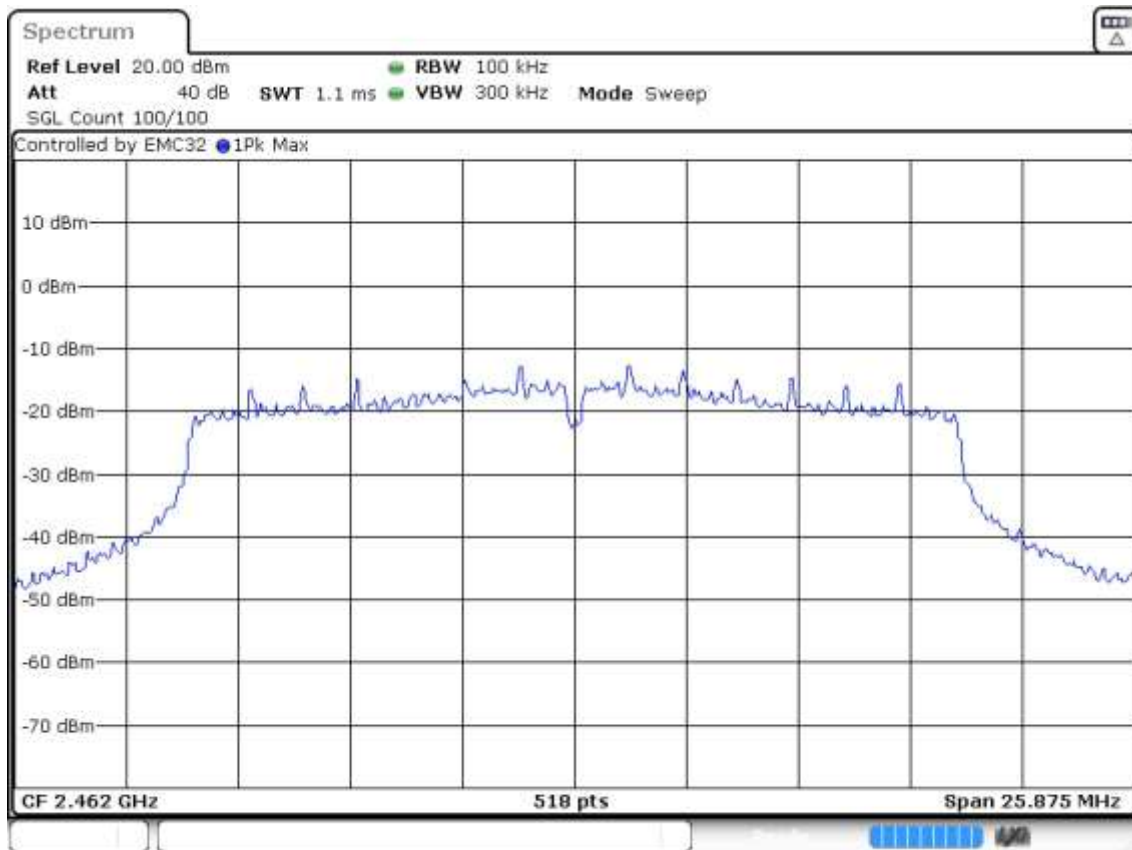
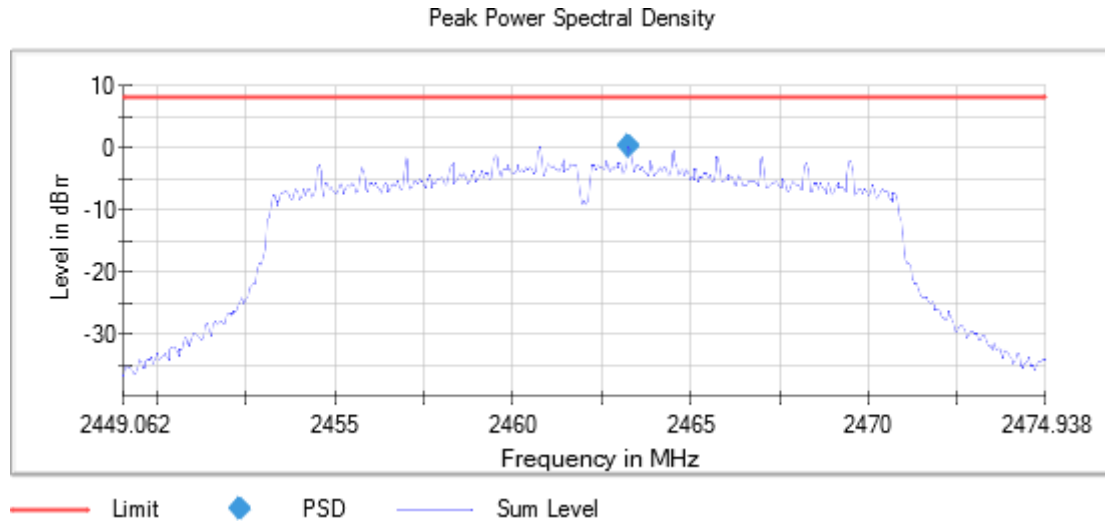
Equipment Type = Digital Transmission System (DTS)

Frequency MHz = 2462.00000

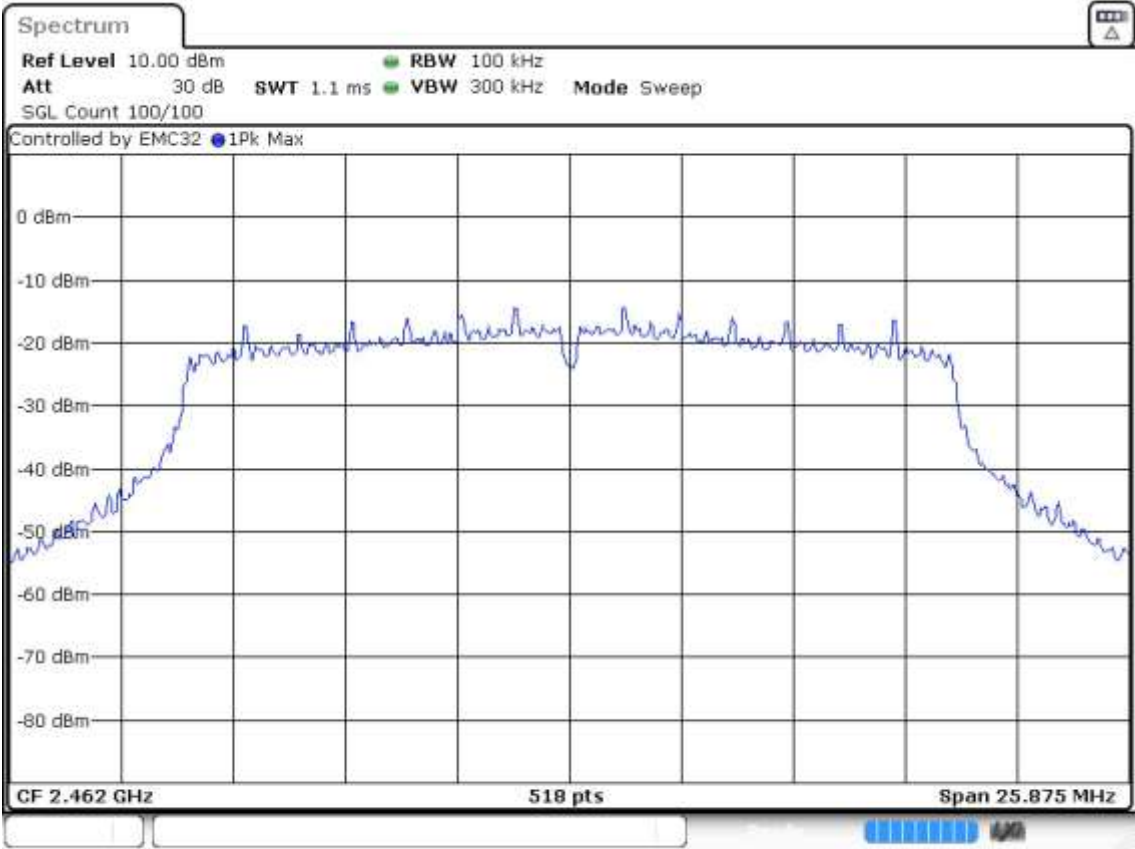
Active Port = 1+2

Modulation = 802.11n HT20 (OFDM MCS0)

Images:



Date: 14.DEC.2025 23:05:03



Date: 14.DEC.2025 23:05:41

Modulation: 802.11n HT40 (OFDM MCS7)

Results

Operation Band (MHz)	Equipment	Freq (MHz)	Port	PSD (dBm)
[2400, 2483.5]	Digital Transmission System (DTS)	2422.00000	1	-7.23
			2	-10.75
		2437.00000	1	-7.03
			2	-9.96
		2452.00000	1	-6.70
			2	-10.18
		2422.00000	1+2	-9.57
		2437.00000		-8.72
		2452.00000		-8.03

Verdict

Pass

Attachments

Operation Band MHz = [2400, 2483.5]

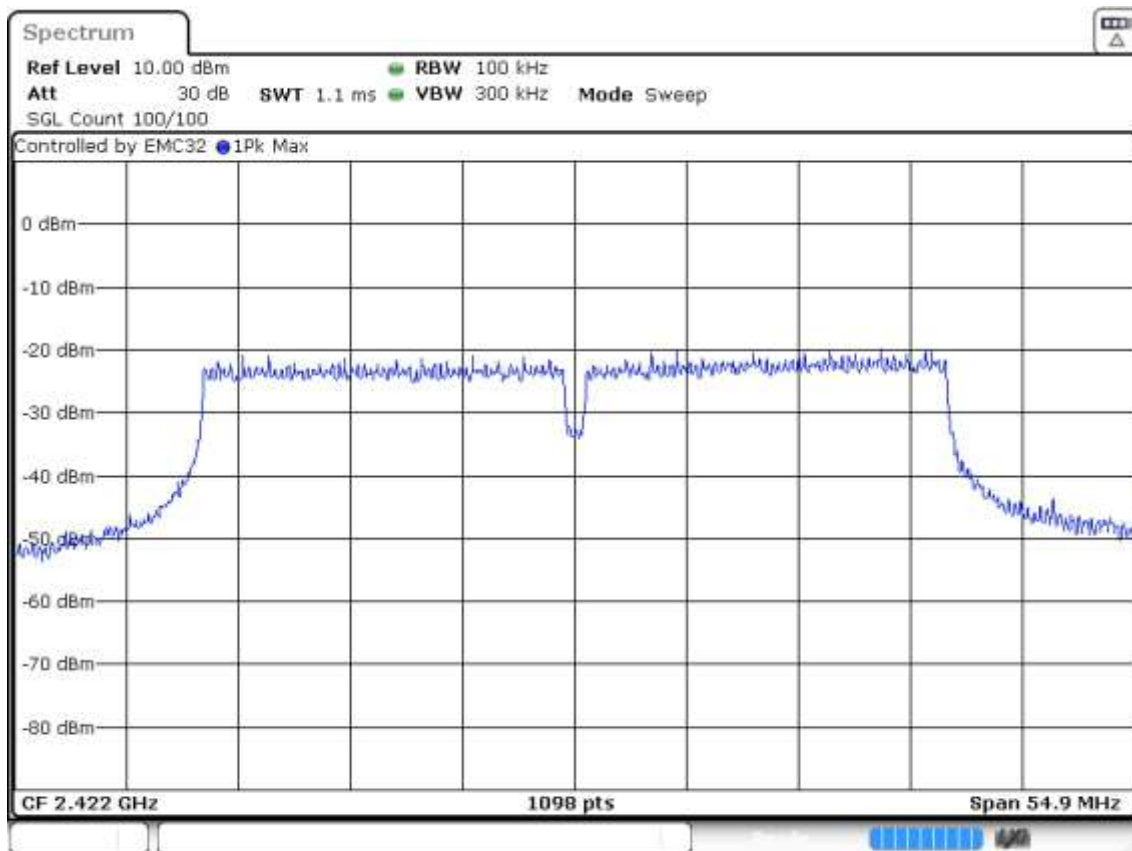
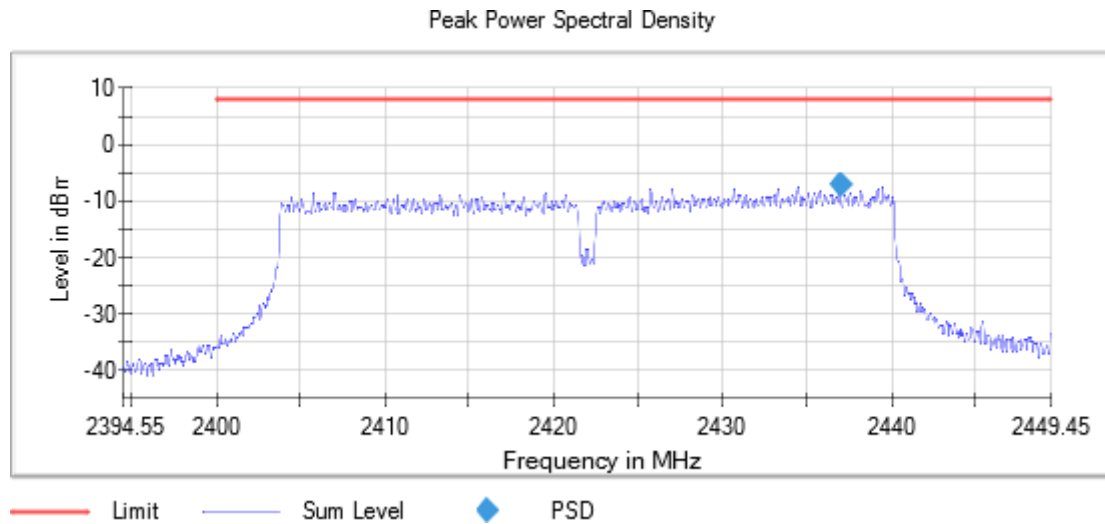
Equipment Type = Digital Transmission System (DTS)

Frequency MHz = 2422.00000

Active Port = 1

Modulation = 802.11n HT40 (OFDM MCS7)

Images:



Date: 9 DEC. 2025 12:07:11

Operation Band MHz = [2400, 2483.5]

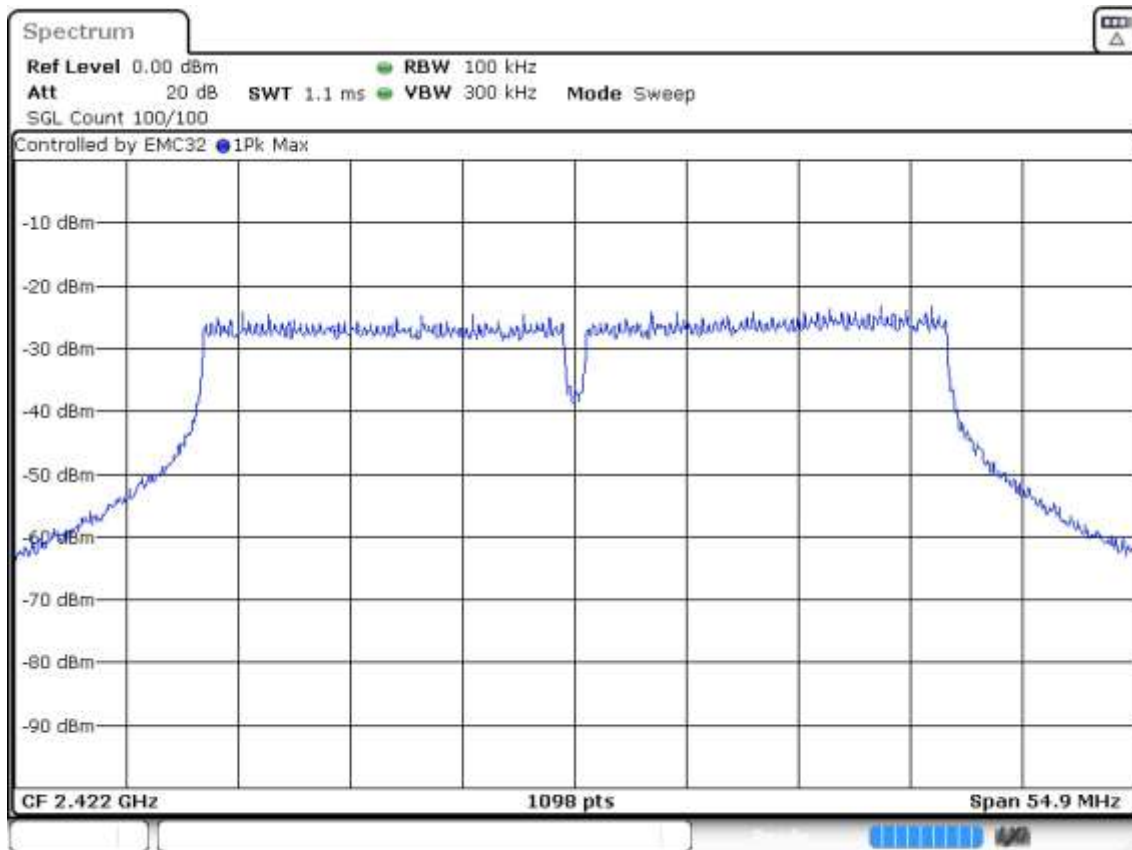
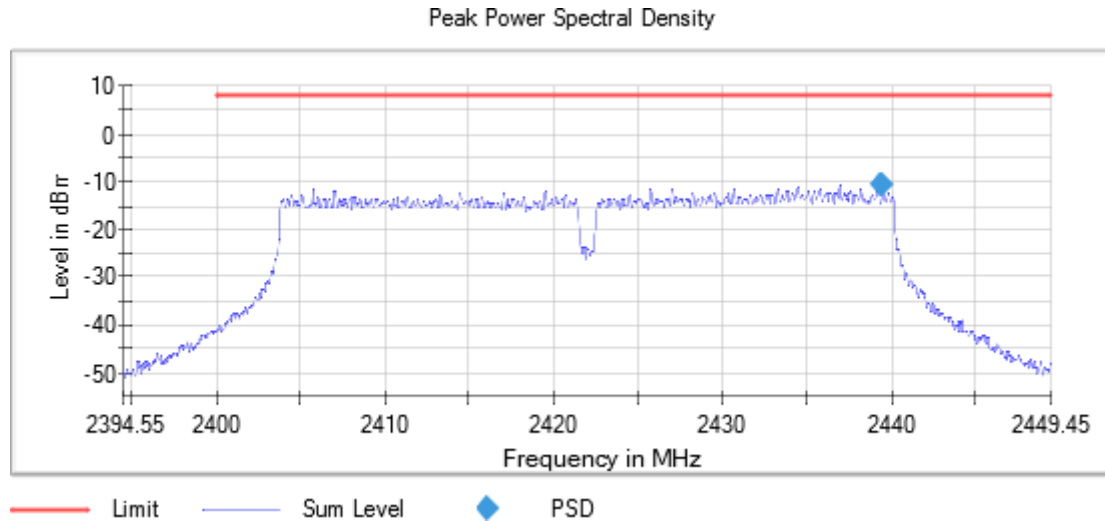
Equipment Type = Digital Transmission System (DTS)

Frequency MHz = 2422.00000

Active Port = 2

Modulation = 802.11n HT40 (OFDM MCS7)

Images:



Date: 9.DEC.2025 16:10:08

Operation Band MHz = [2400, 2483.5]

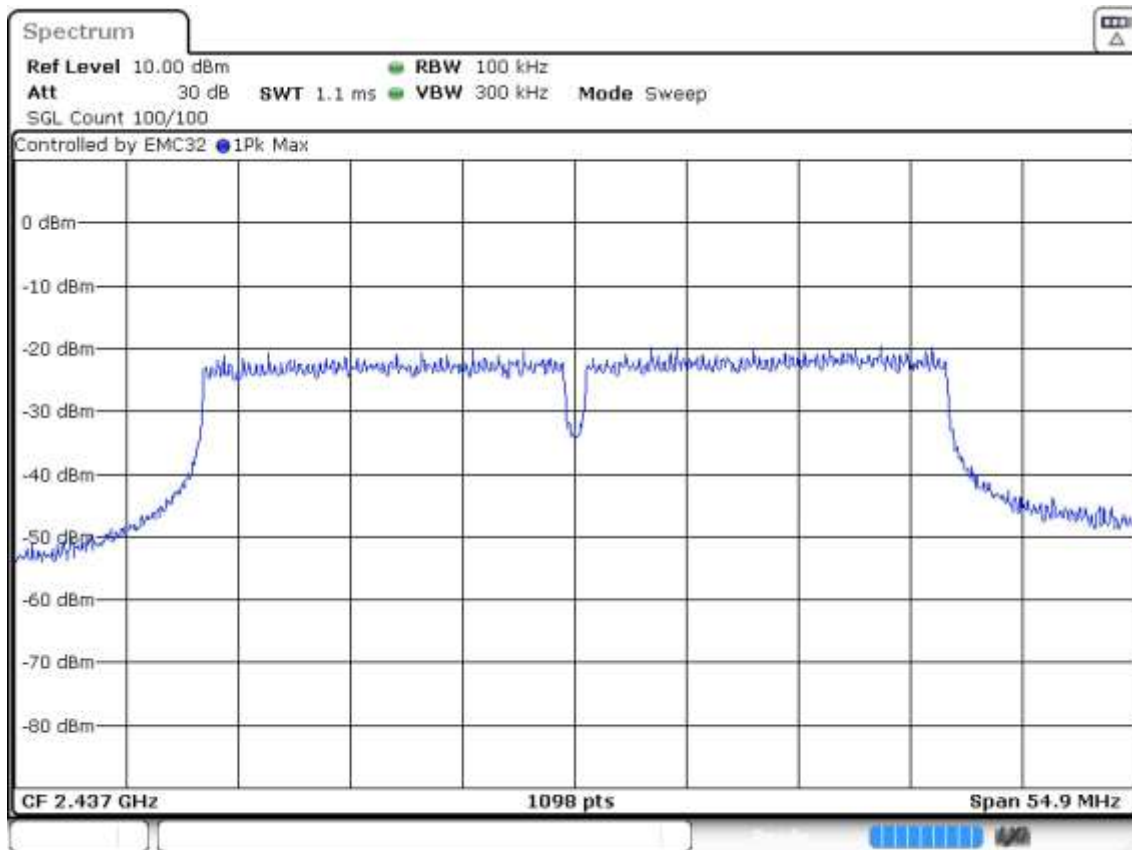
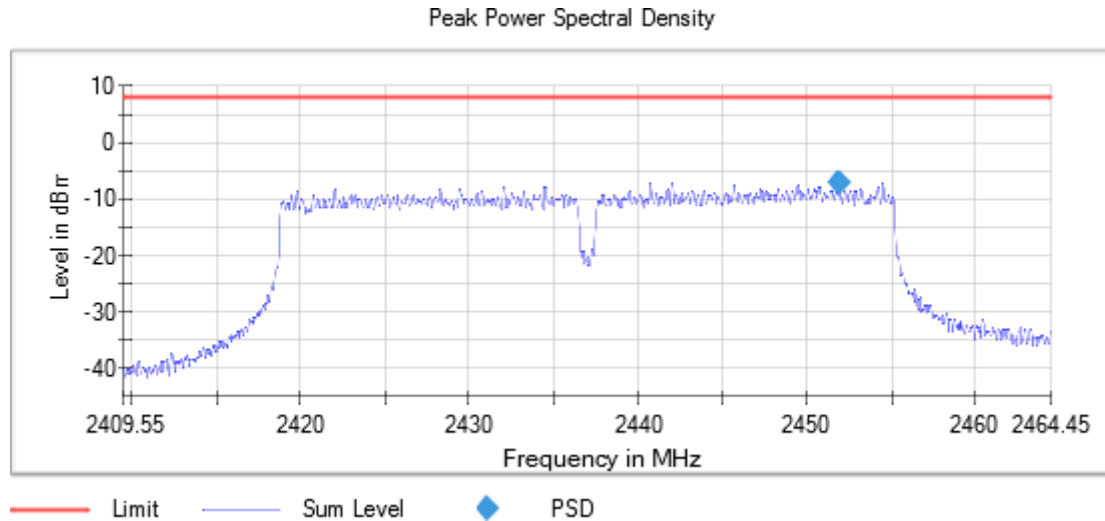
Equipment Type = Digital Transmission System (DTS)

Frequency MHz = 2437.00000

Active Port = 1

Modulation = 802.11n HT40 (OFDM MCS7)

Images:



Date: 9.DEC.2025 12:17:16

Operation Band MHz = [2400, 2483.5]

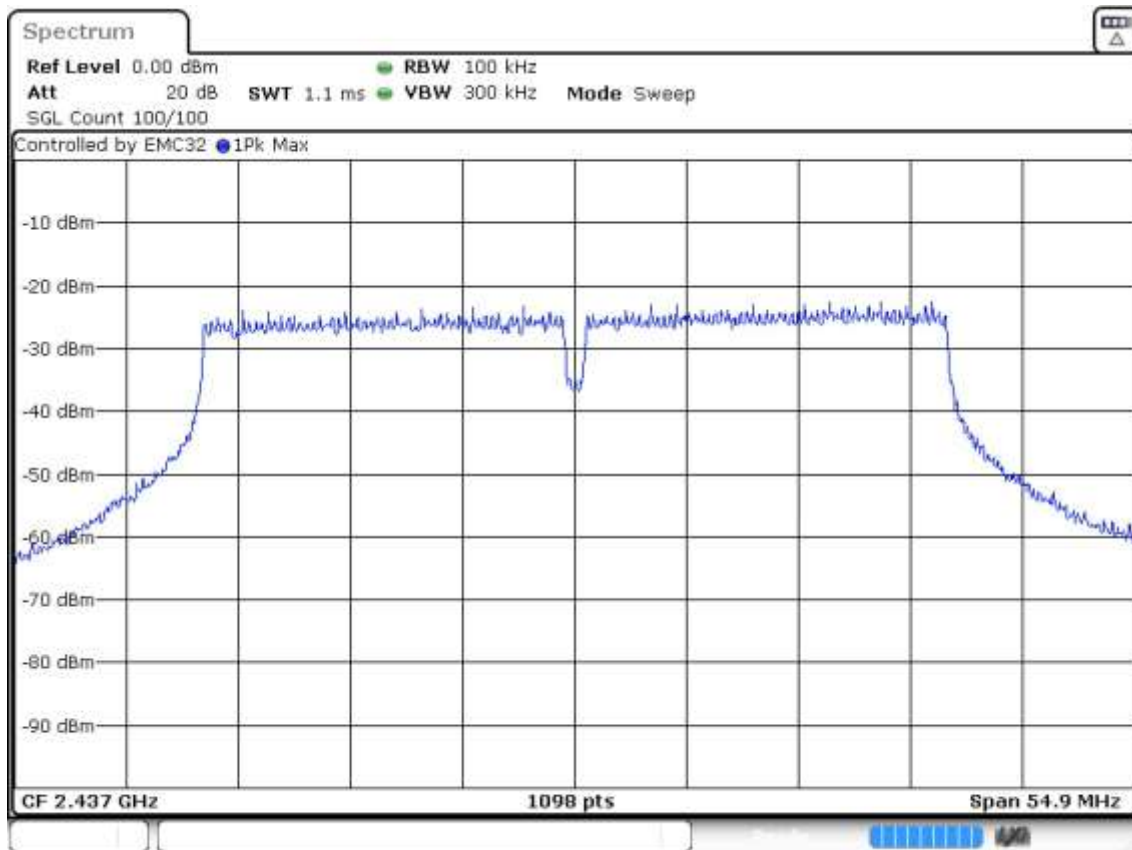
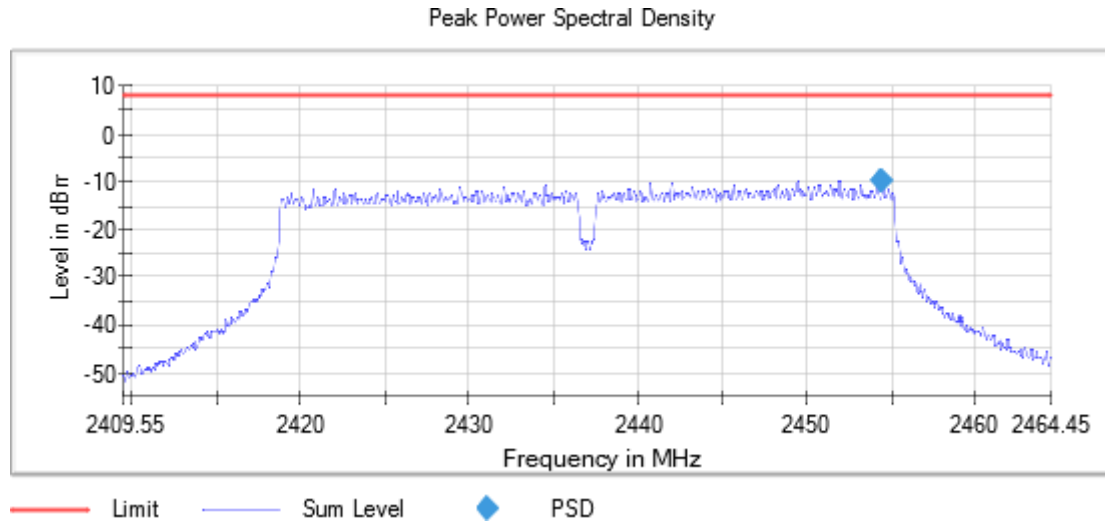
Equipment Type = Digital Transmission System (DTS)

Frequency MHz = 2437.00000

Active Port = 2

Modulation = 802.11n HT40 (OFDM MCS7)

Images:



Date: 9.DEC.2025 16:19:51

Operation Band MHz = [2400, 2483.5]

Equipment Type = Digital Transmission System (DTS)

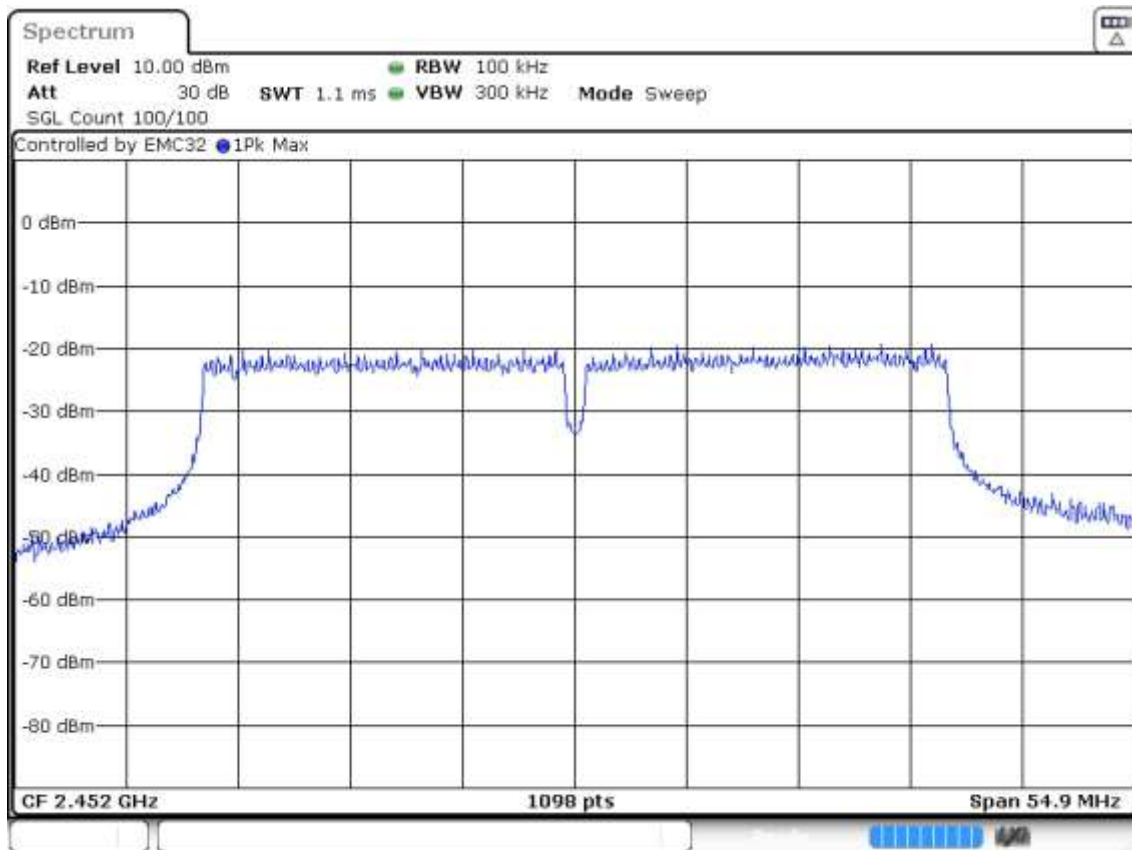
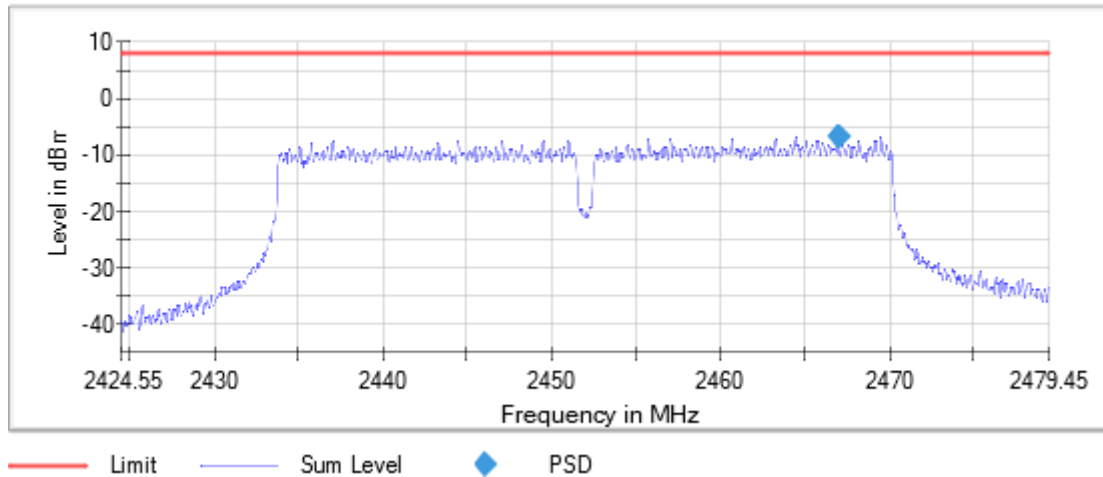
Frequency MHz = 2452.00000

Active Port = 1

Modulation = 802.11n HT40 (OFDM MCS7)

Images:

Peak Power Spectral Density



Date: 9.DEC.2025 12:24:20

Operation Band MHz = [2400, 2483.5]

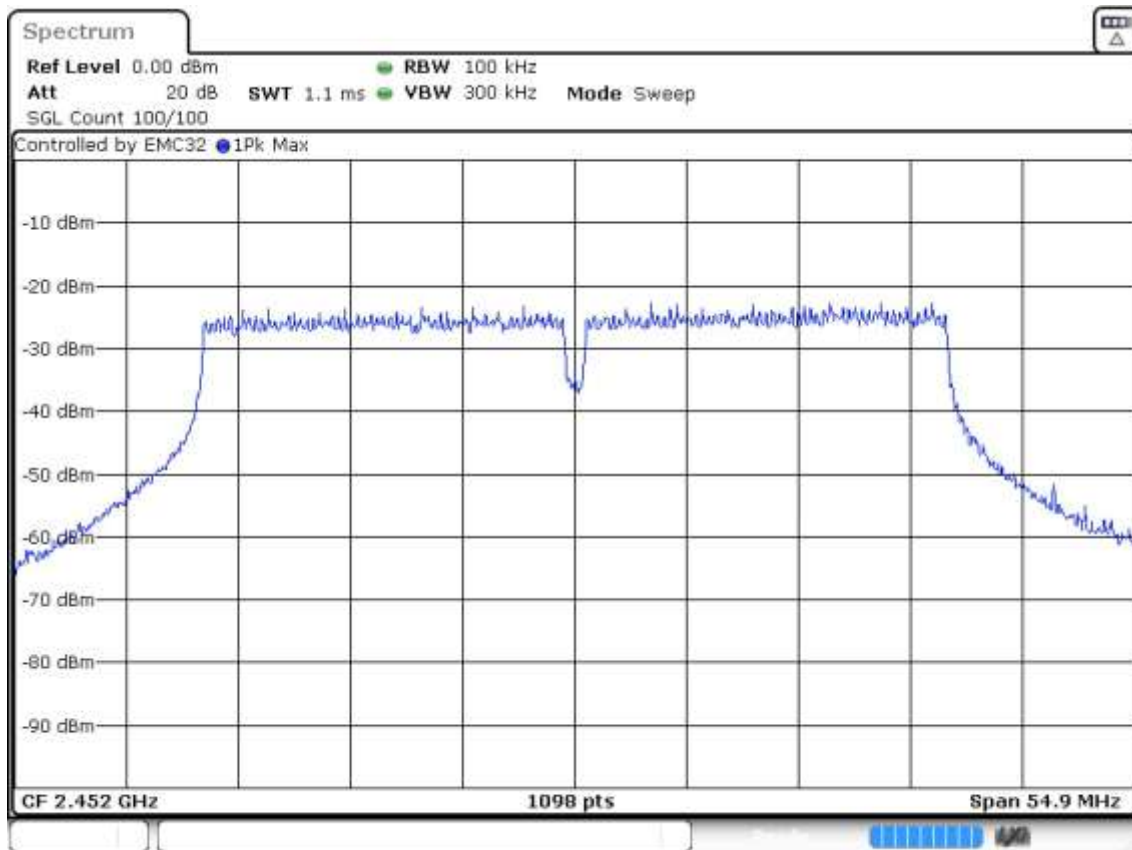
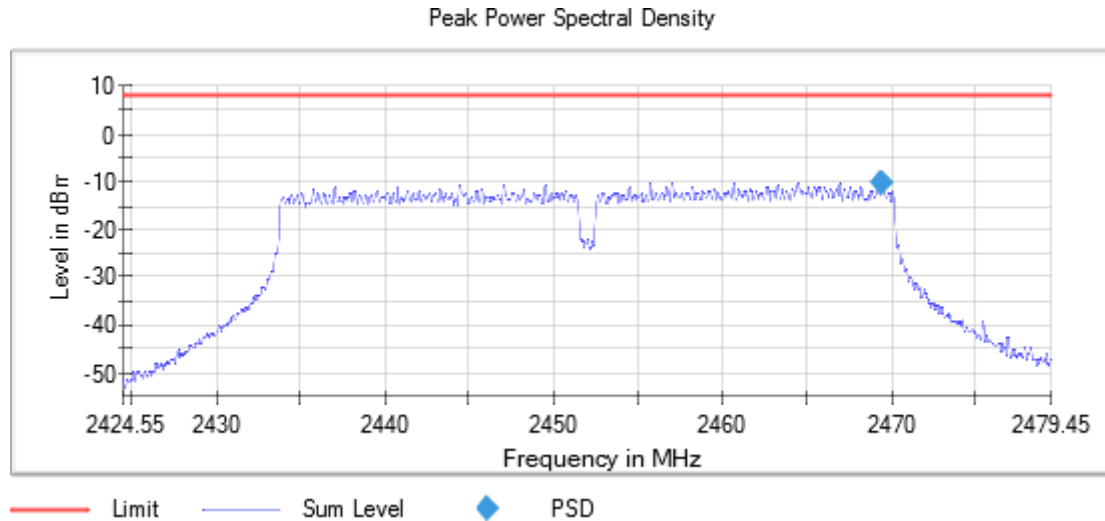
Equipment Type = Digital Transmission System (DTS)

Frequency MHz = 2452.00000

Active Port = 2

Modulation = 802.11n HT40 (OFDM MCS7)

Images:



Date: 9.DEC.2025 16:40:10

Operation Band MHz = [2400, 2483.5]

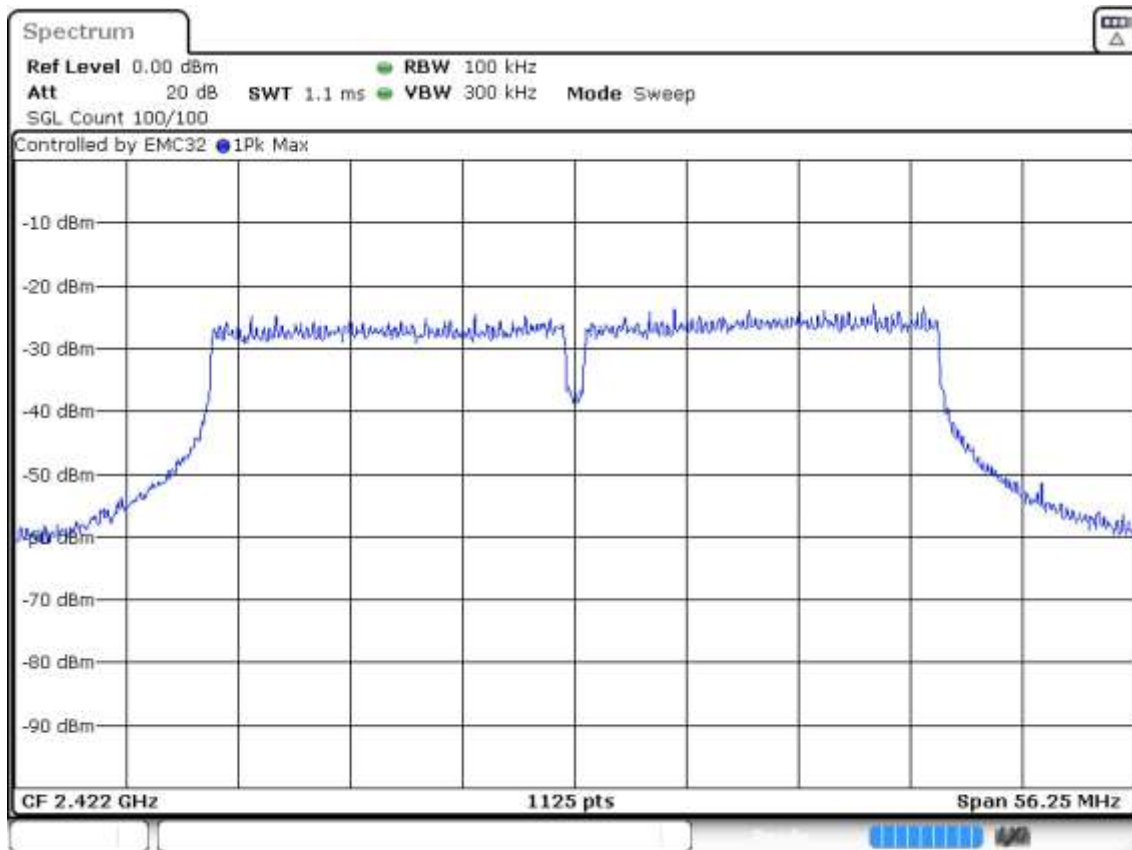
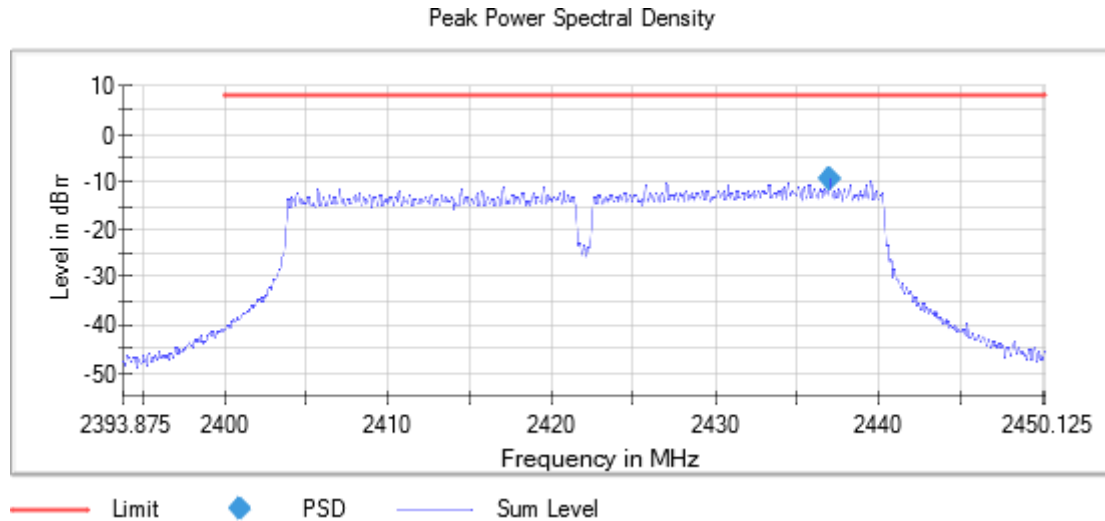
Equipment Type = Digital Transmission System (DTS)

Frequency MHz = 2422.00000

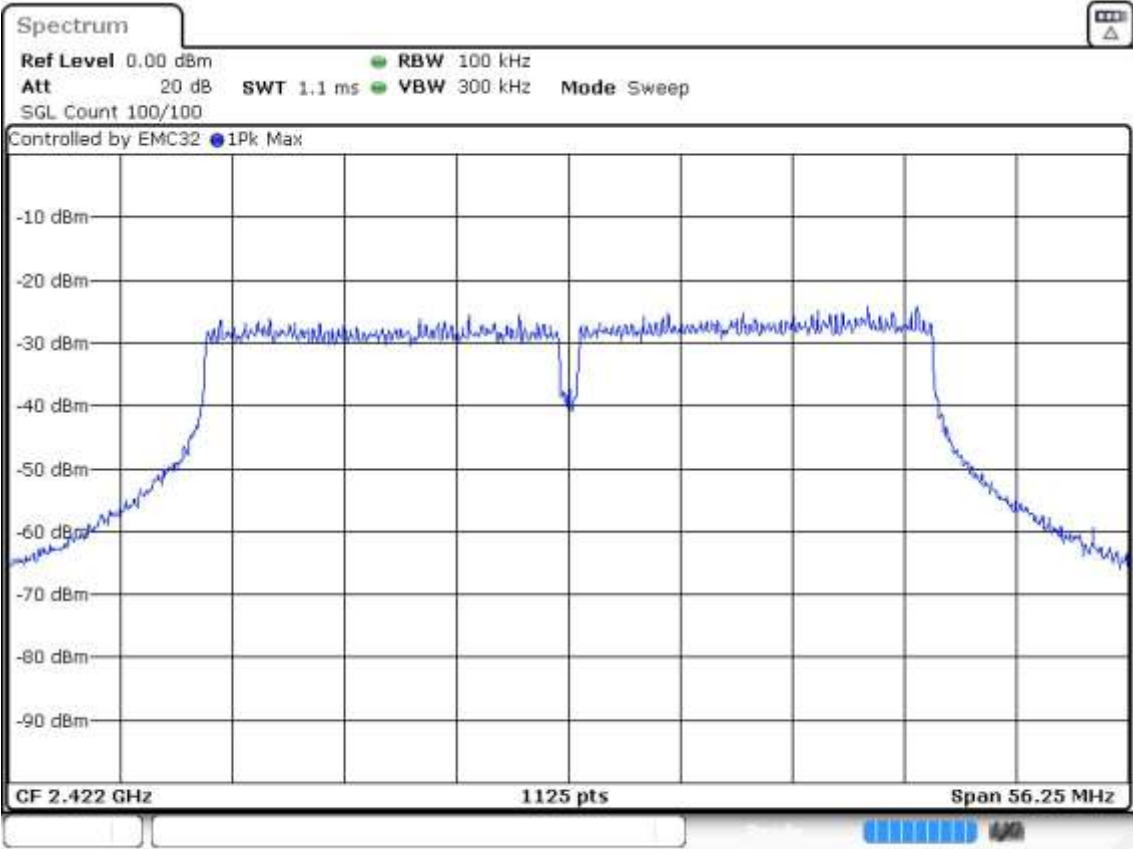
Active Port = 1+2

Modulation = 802.11n HT40 (OFDM MCS7)

Images:



Date: 12 DEC 2025 17:58:04



Date: 12 DEC 2025 17:58:18

Operation Band MHz = [2400, 2483.5]

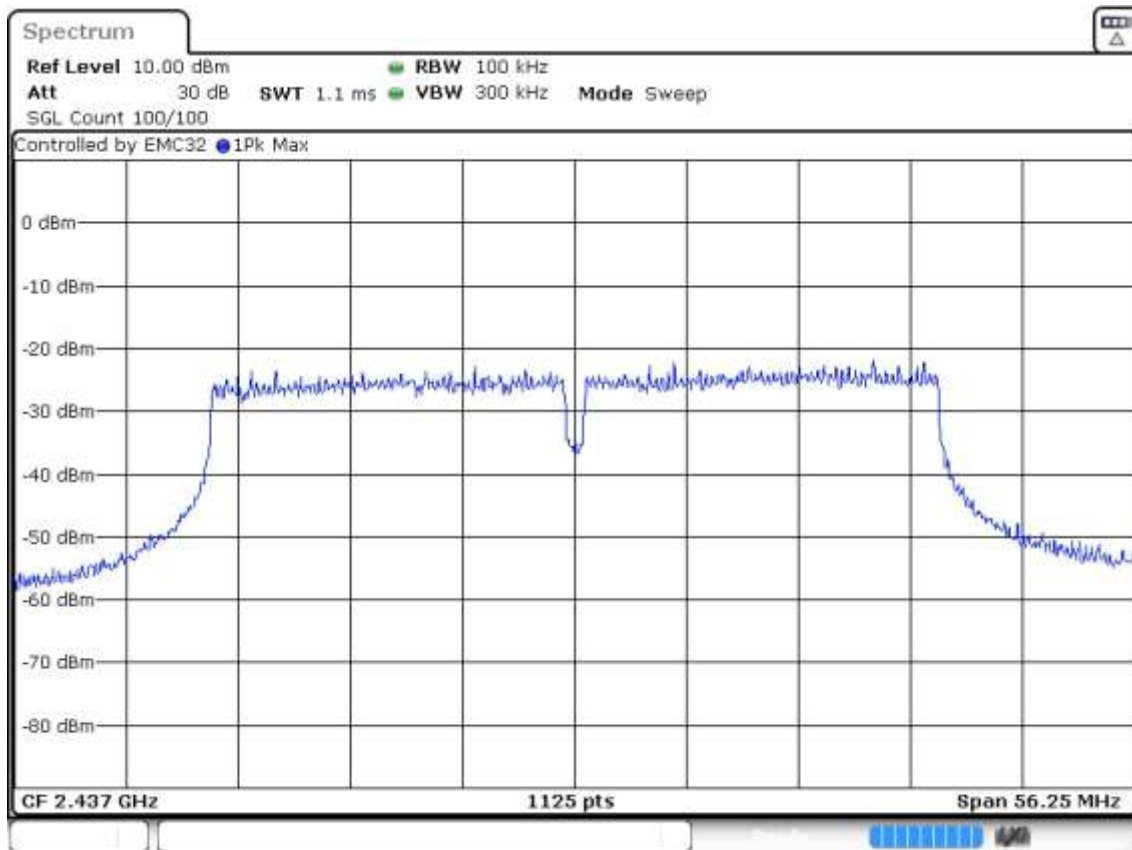
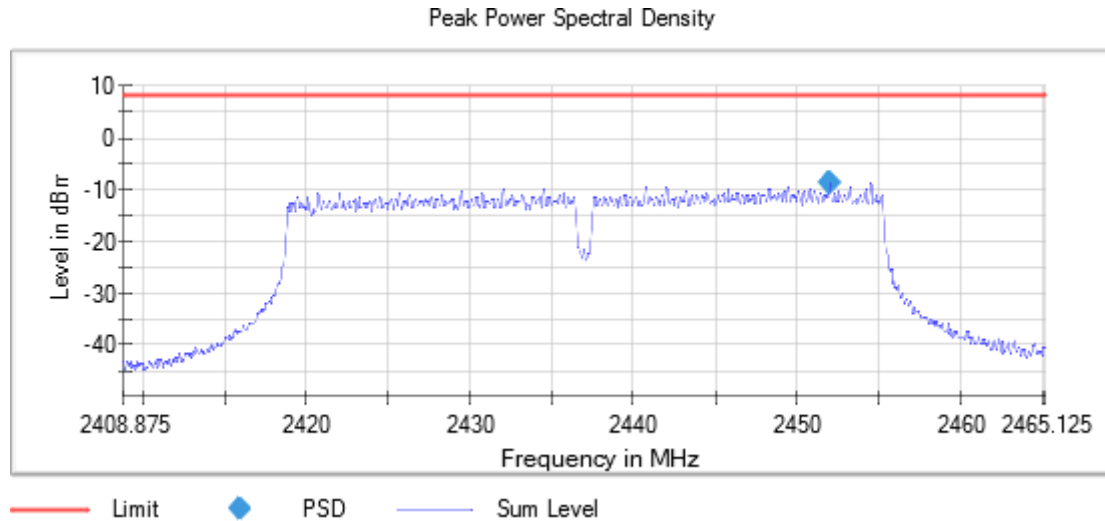
Equipment Type = Digital Transmission System (DTS)

Frequency MHz = 2437.00000

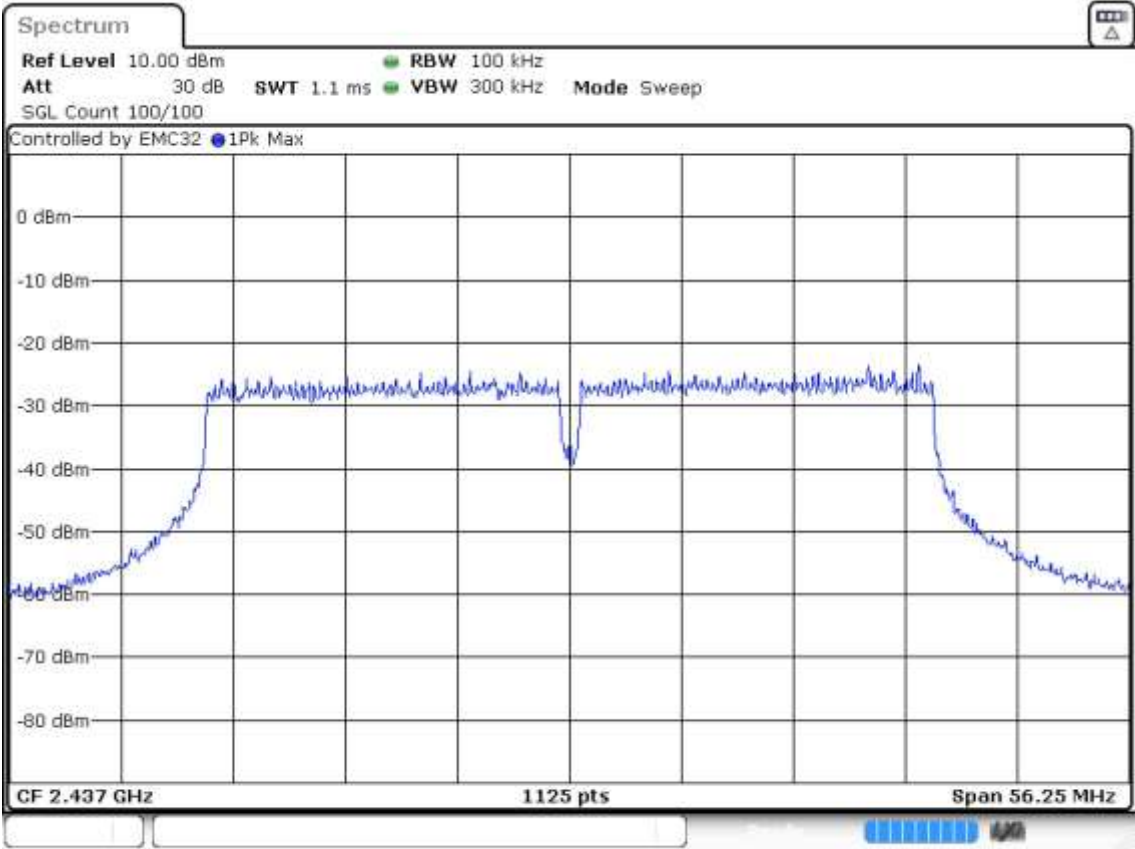
Active Port = 1+2

Modulation = 802.11n HT40 (OFDM MCS7)

Images:



Date: 12 DEC 2025 18:09:09



Date: 12 DEC. 2025 18:09:27

Operation Band MHz = [2400, 2483.5]

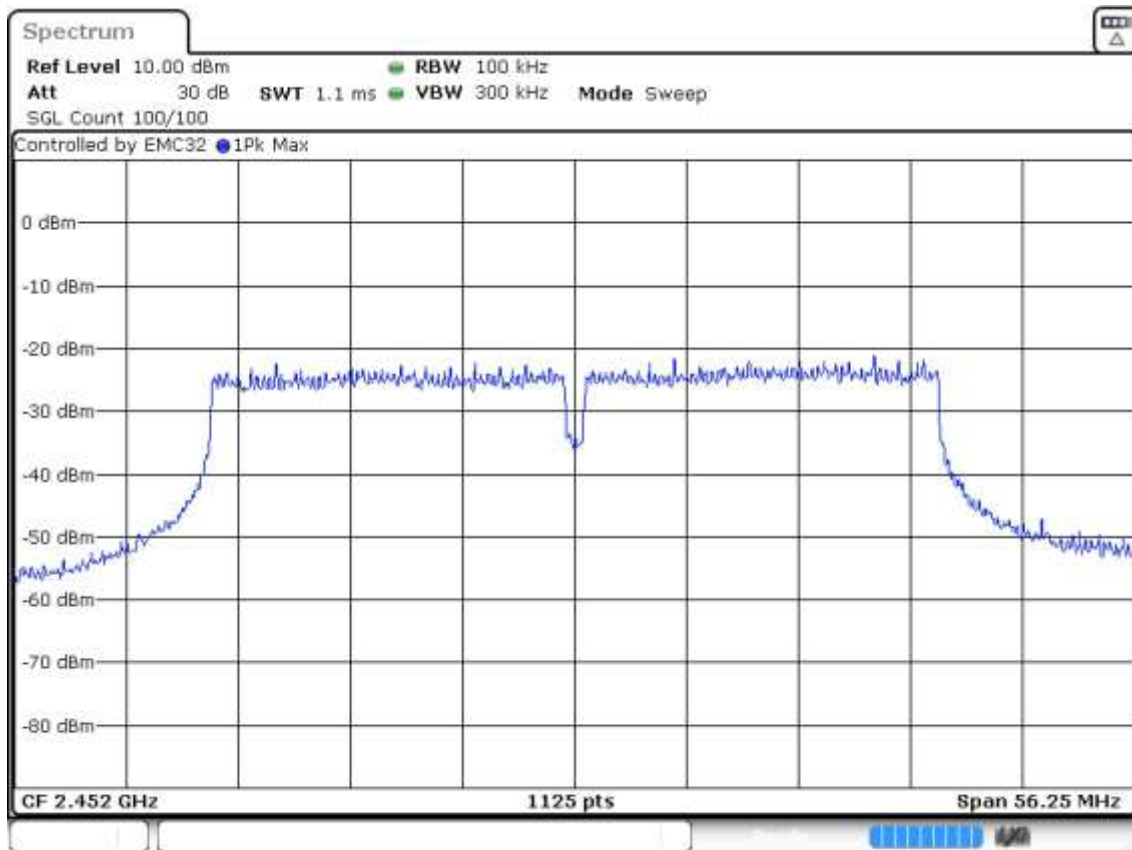
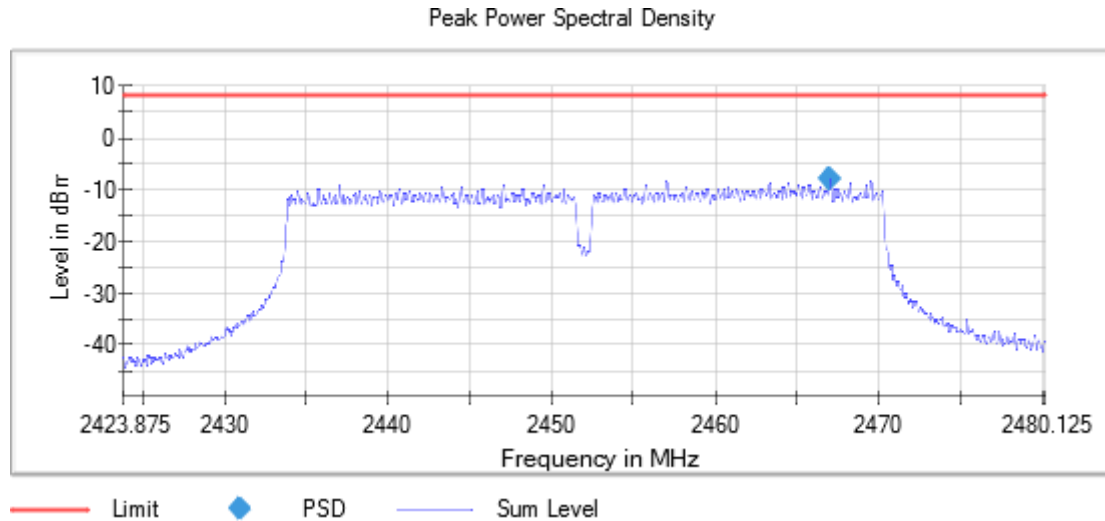
Equipment Type = Digital Transmission System (DTS)

Frequency MHz = 2452.00000

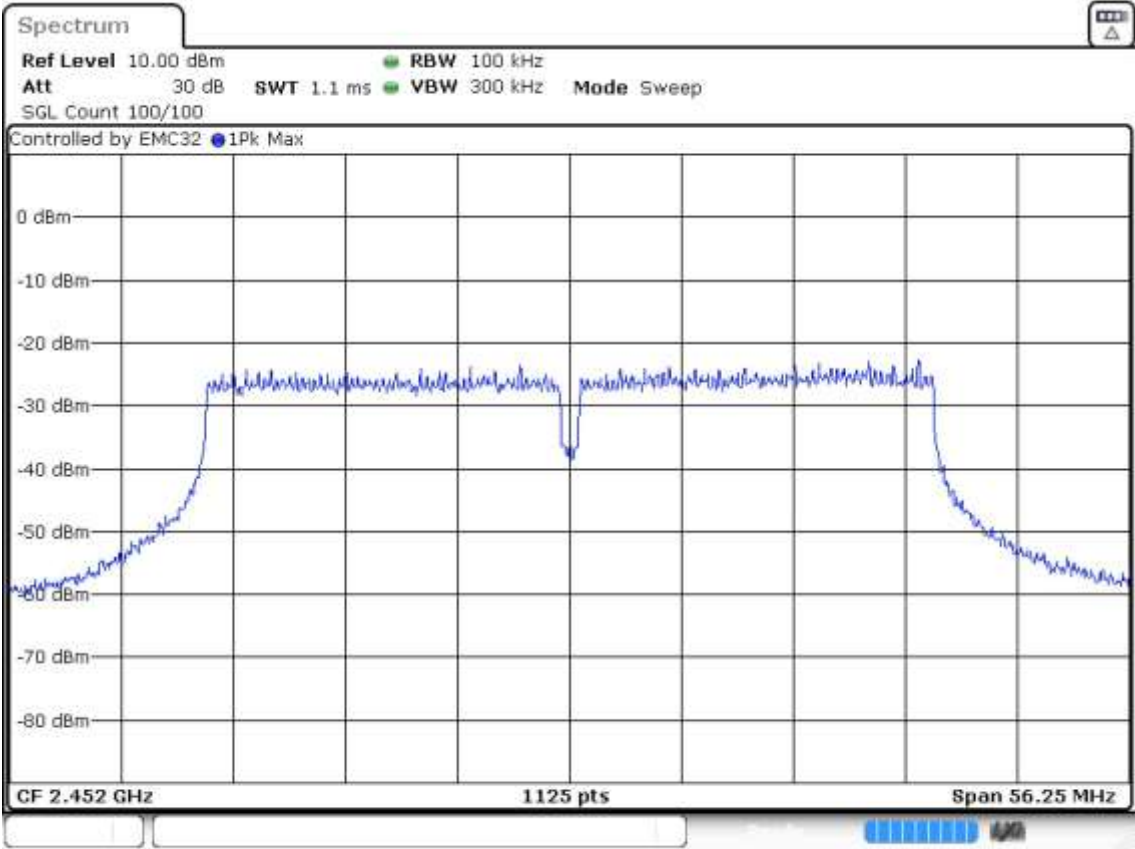
Active Port = 1+2

Modulation = 802.11n HT40 (OFDM MCS7)

Images:



Date: 12 DEC 2025 18:14:49



Date: 12 DEC. 2025 18:15:08

Modulation: 802.11ax HE20 SS1 (OFDMA MCS0)

Results

Operation Band (MHz)	Equipment	Freq (MHz)	Port	PSD (dBm)
[2400, 2483.5]	Digital Transmission System (DTS)	2412.00000	1	-4.96
			2	-4.74
		2437.00000	1	-3.80
			2	-3.75
		2462.00000	1	-3.87
			2	-3.70
		2412.00000	1+2	-0.99
		2437.00000		-0.08
		2462.00000		0.09

Verdict

Pass

Attachments

Operation Band MHz = [2400, 2483.5]

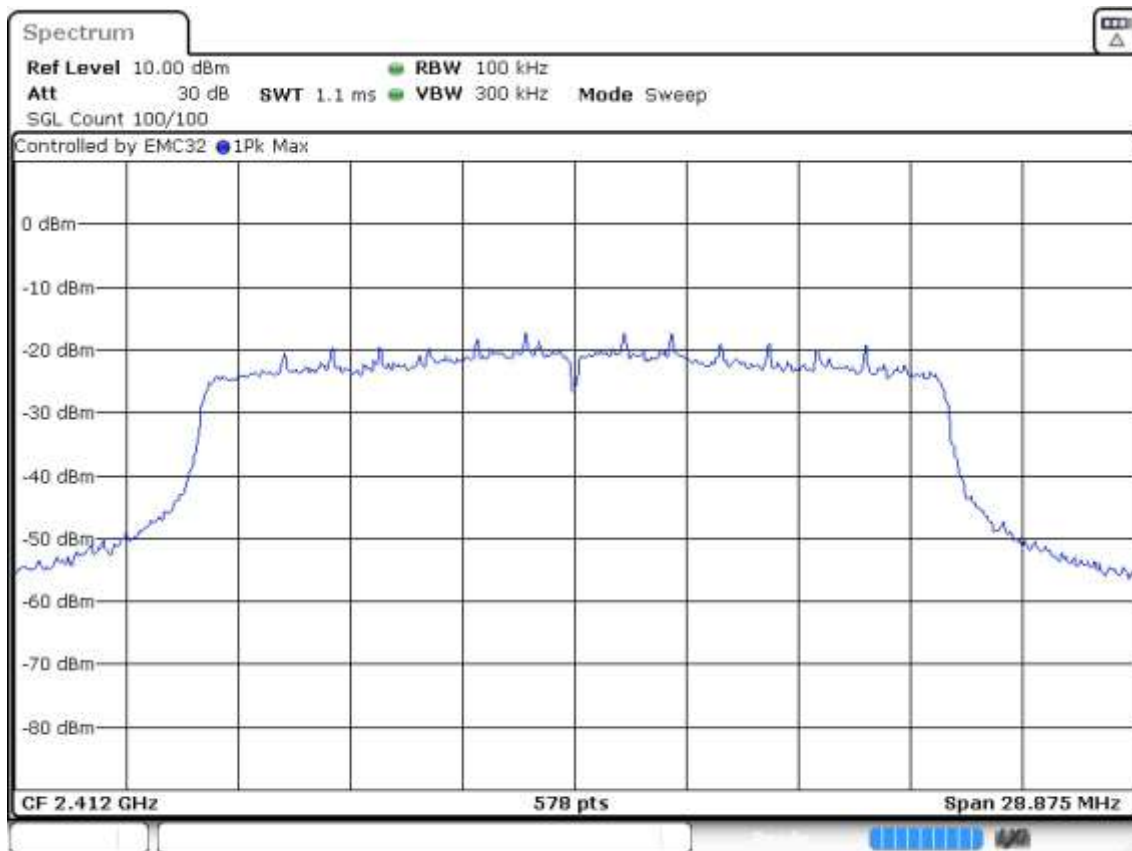
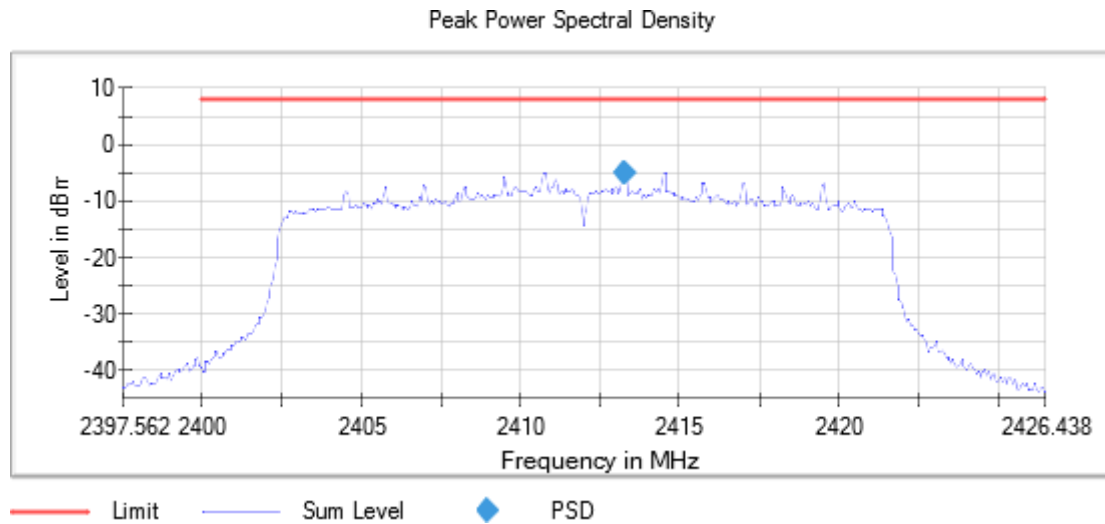
Equipment Type = Digital Transmission System (DTS)

Frequency MHz = 2412.00000

Active Port = 1

Modulation = 802.11ax HE20 SS1 (OFDMA MCS0)

Images:



Date: 16 JAN 2026 11:24:08

Operation Band MHz = [2400, 2483.5]

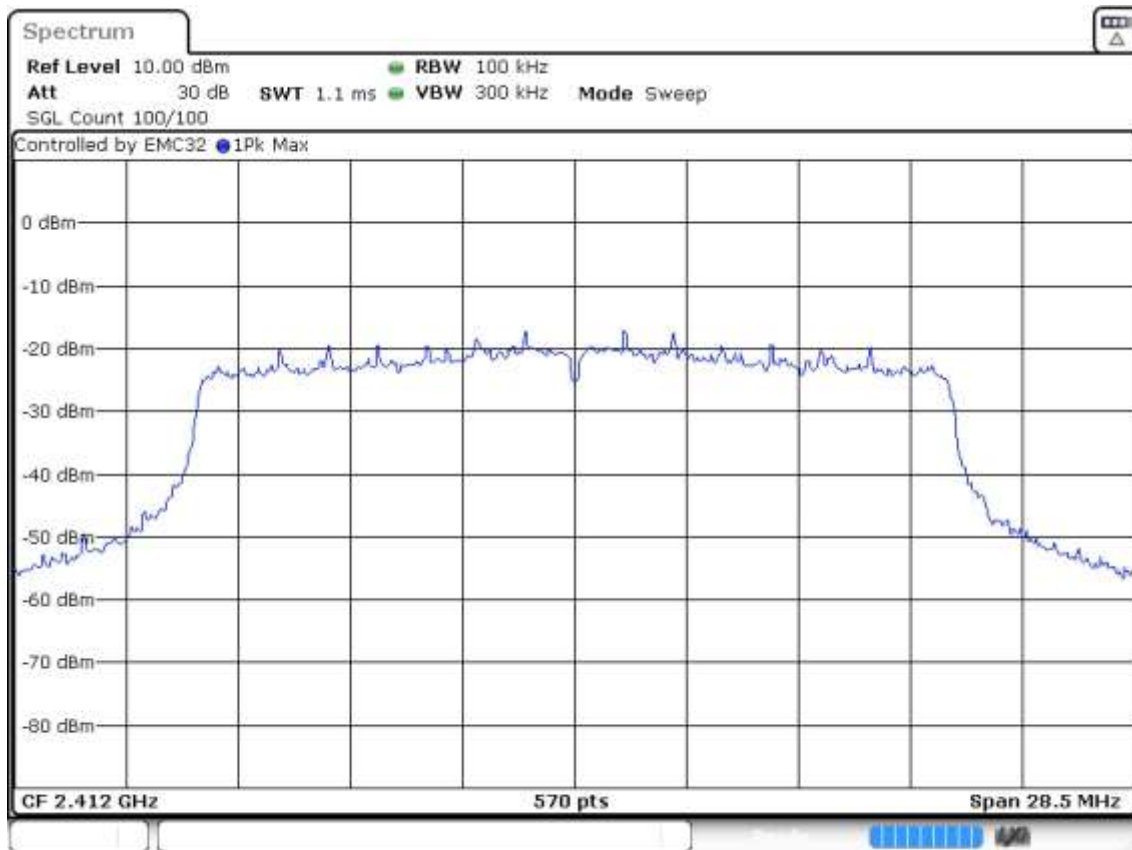
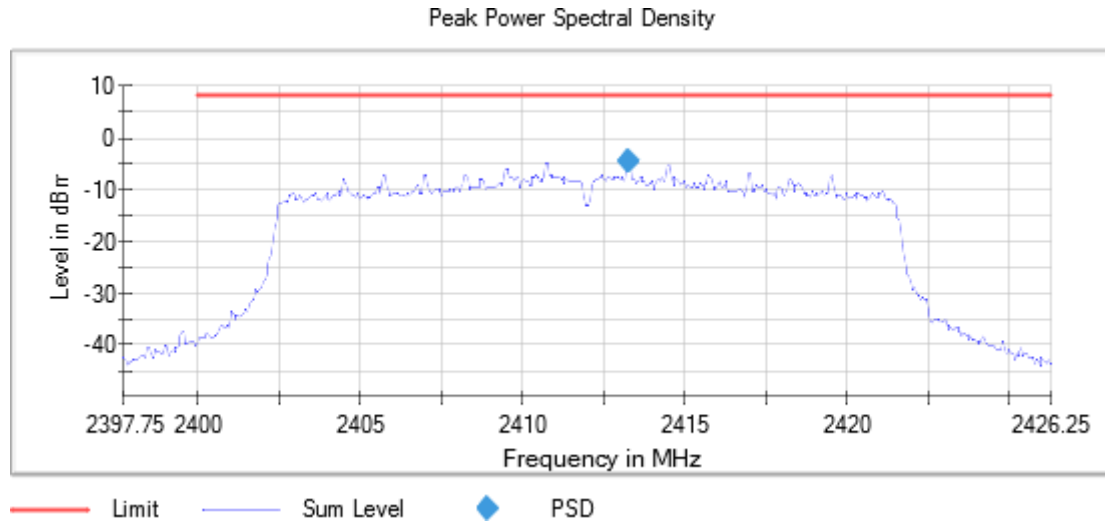
Equipment Type = Digital Transmission System (DTS)

Frequency MHz = 2412.00000

Active Port = 2

Modulation = 802.11ax HE20 SS1 (OFDMA MCS0)

Images:



Date: 16 JAN 2026 10:29:33

Operation Band MHz = [2400, 2483.5]

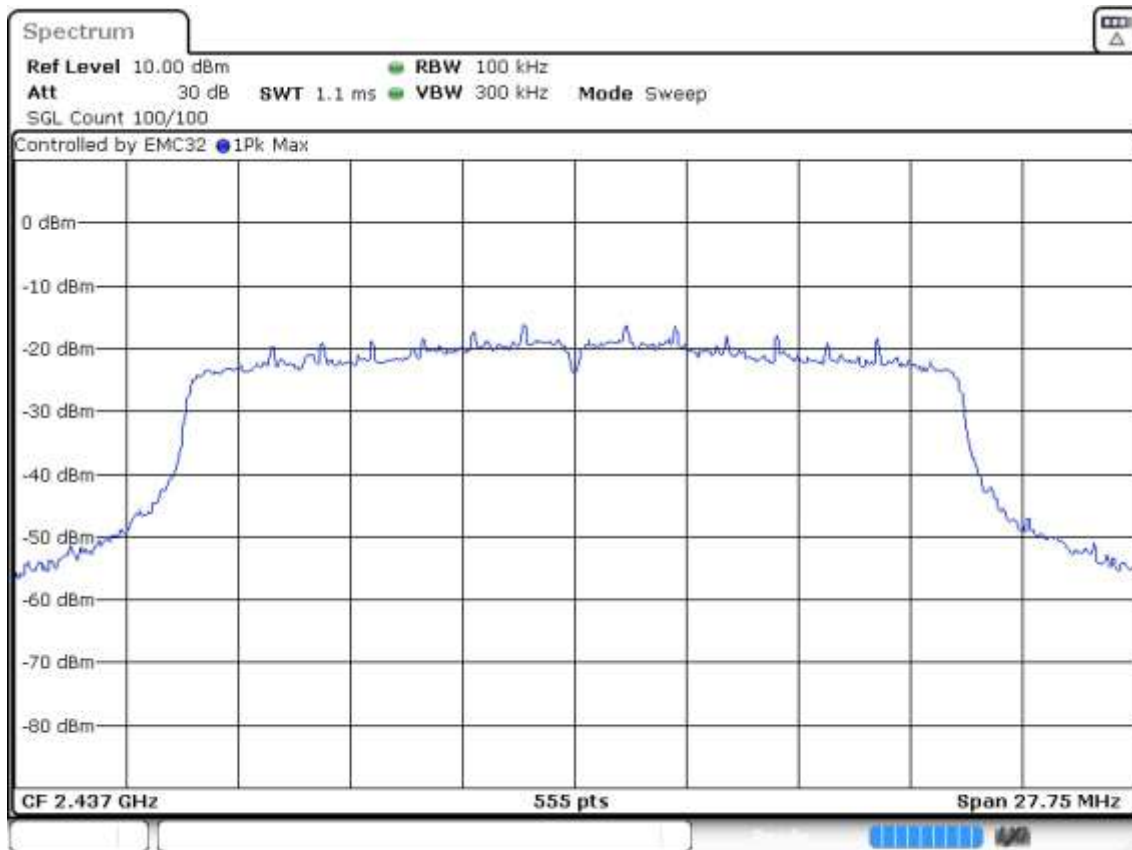
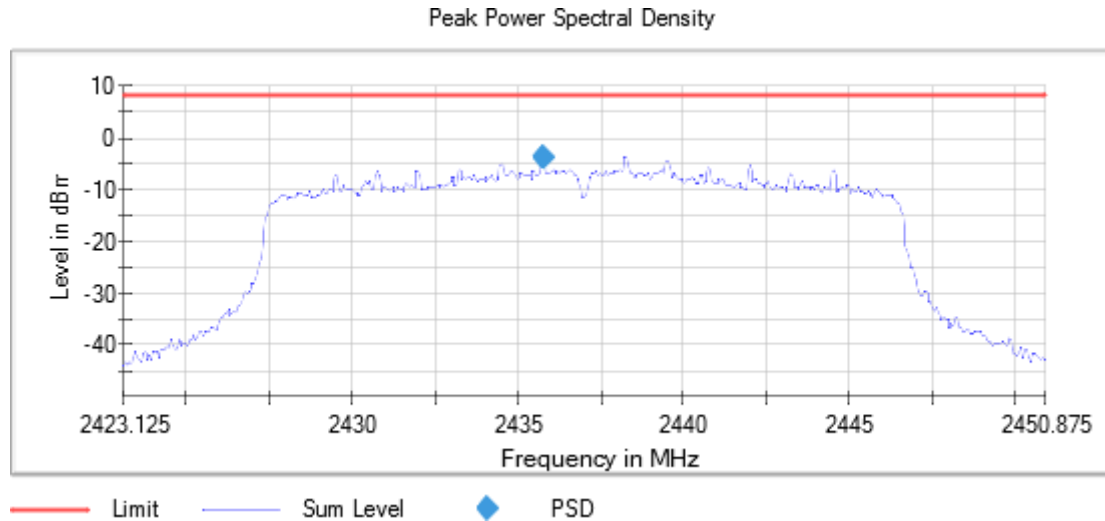
Equipment Type = Digital Transmission System (DTS)

Frequency MHz = 2437.00000

Active Port = 1

Modulation = 802.11ax HE20 SS1 (OFDMA MCS0)

Images:



Date: 16 JAN 2026 11:31:23

Operation Band MHz = [2400, 2483.5]

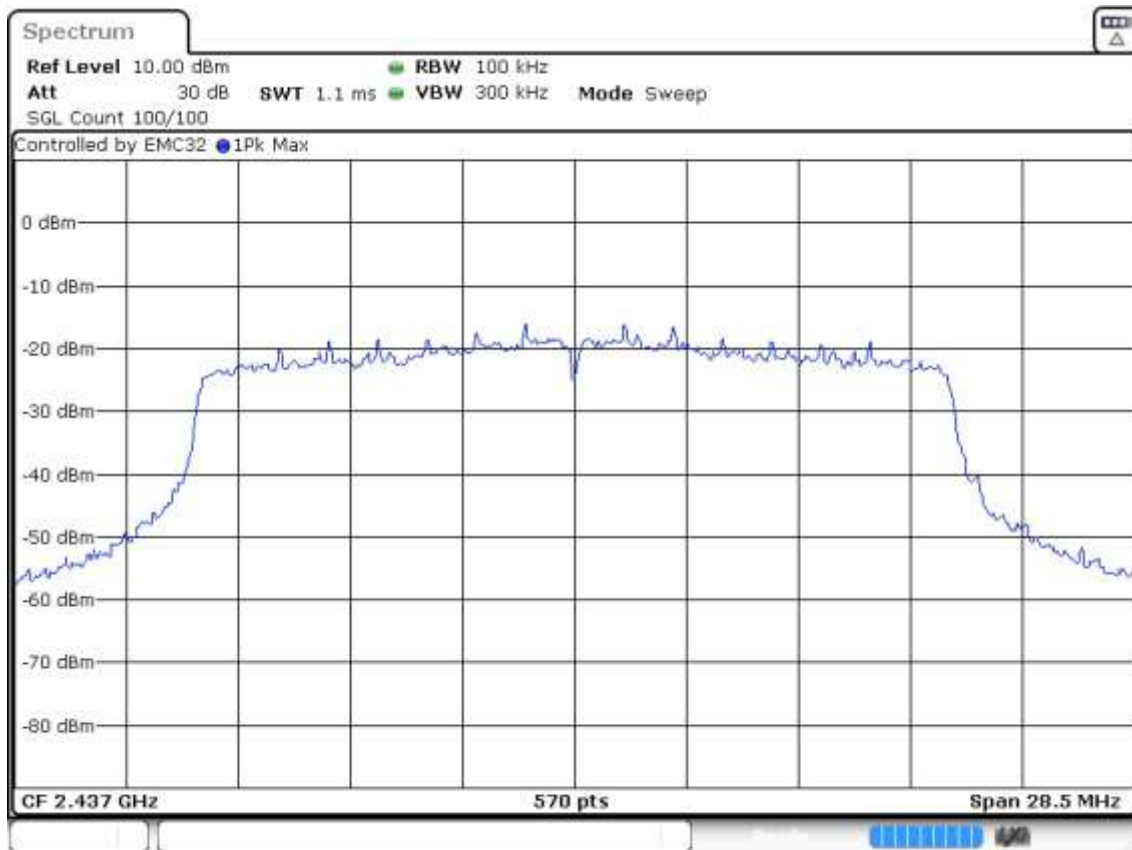
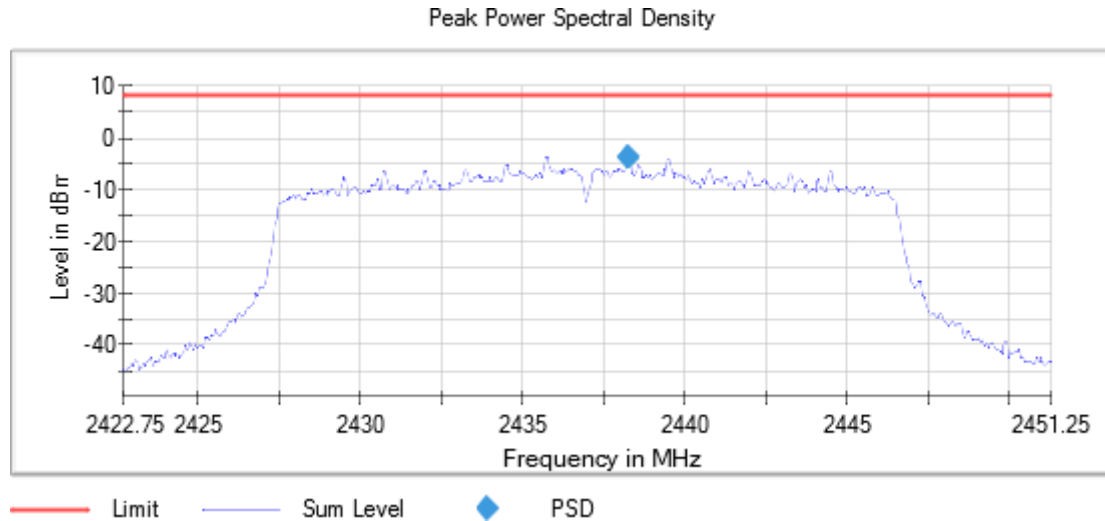
Equipment Type = Digital Transmission System (DTS)

Frequency MHz = 2437.00000

Active Port = 2

Modulation = 802.11ax HE20 SS1 (OFDMA MCS0)

Images:



Date: 16.JAN.2026 10:40:11

Operation Band MHz = [2400, 2483.5]

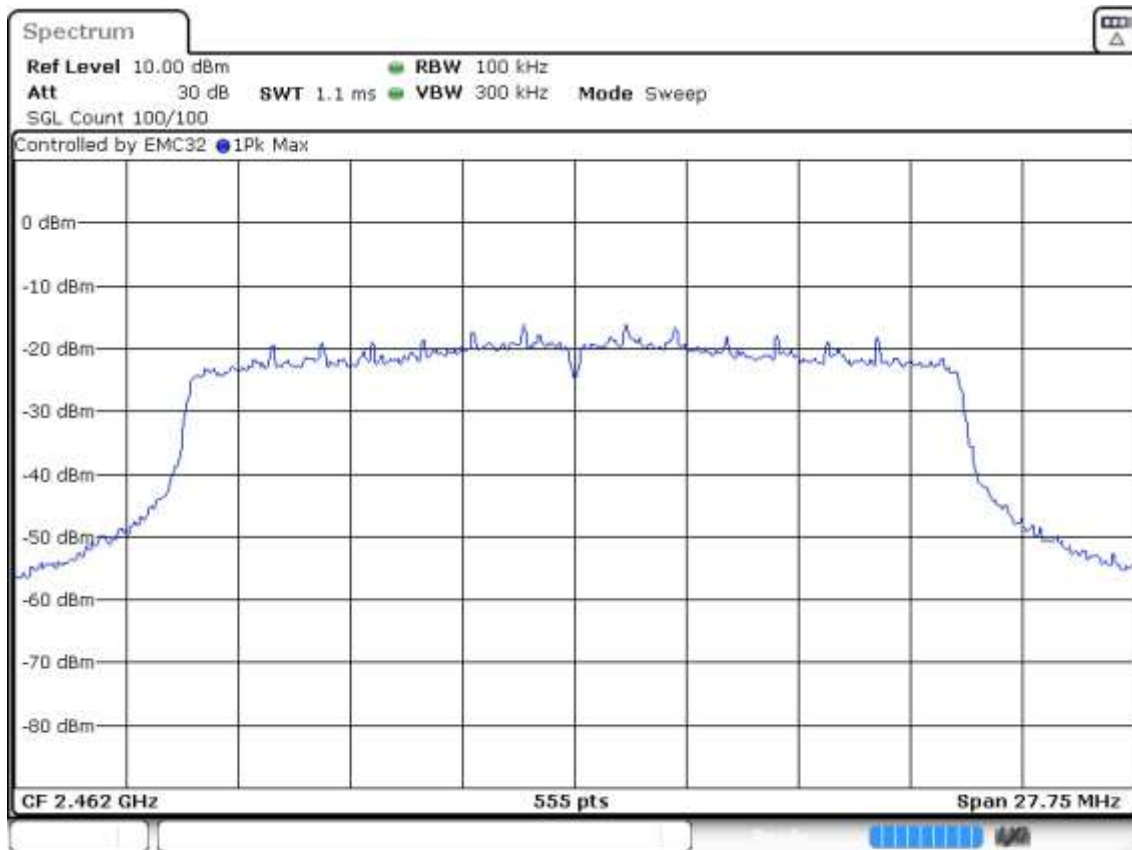
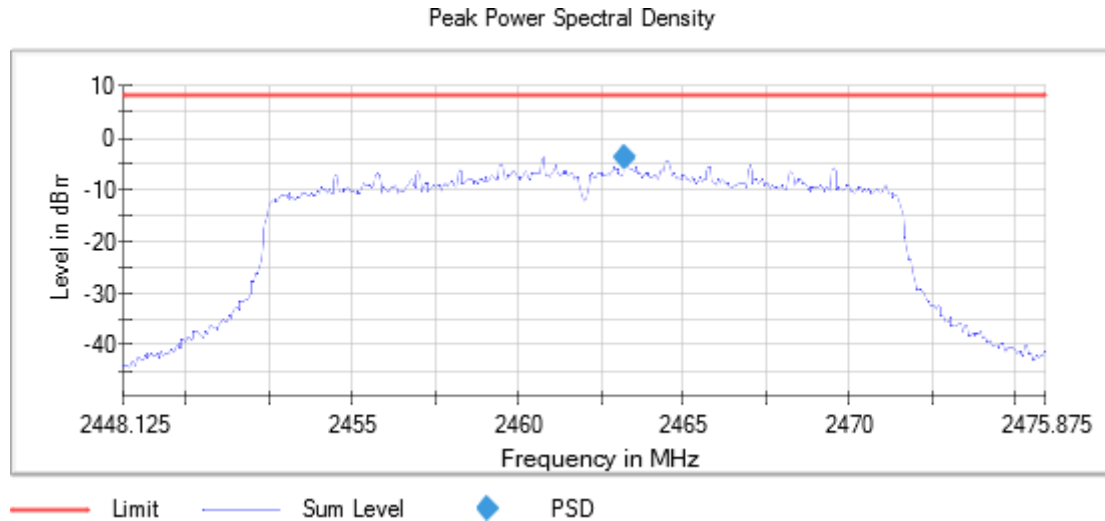
Equipment Type = Digital Transmission System (DTS)

Frequency MHz = 2462.00000

Active Port = 1

Modulation = 802.11ax HE20 SS1 (OFDMA MCS0)

Images:



Date: 16 JAN 2026 11:35:07

Operation Band MHz = [2400, 2483.5]

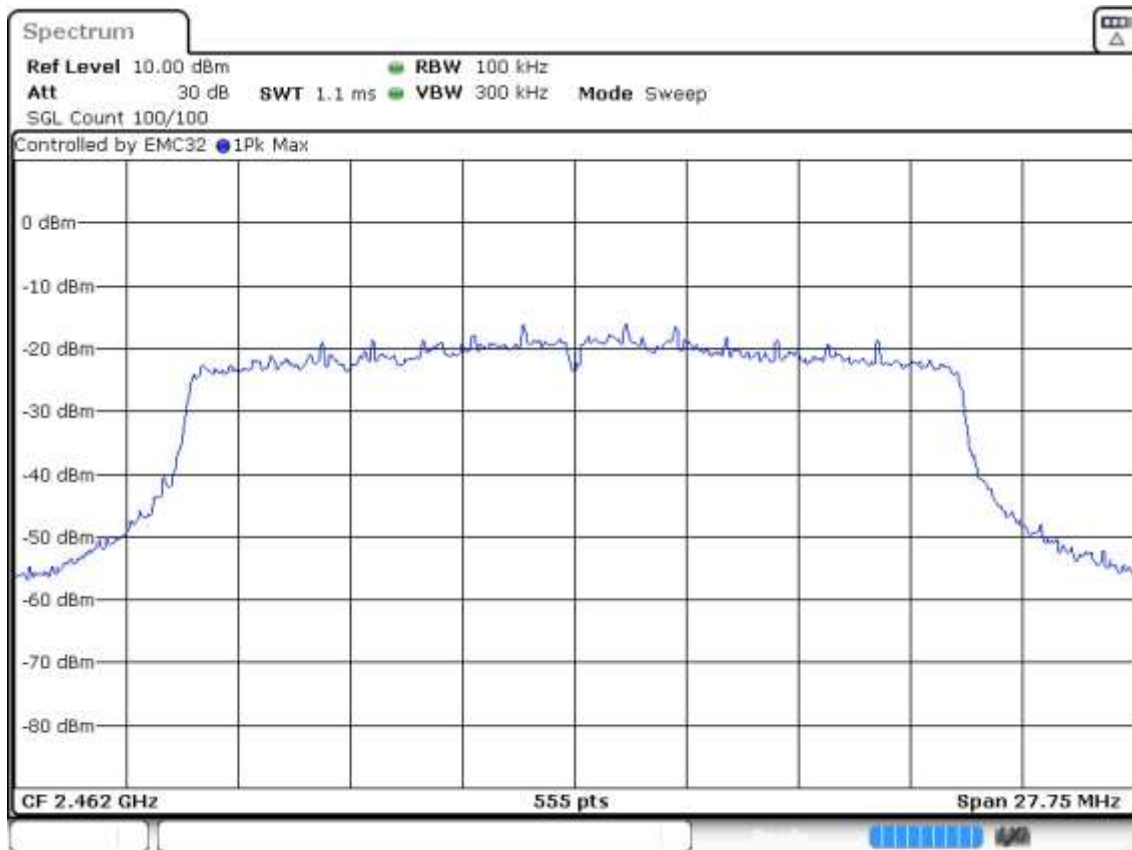
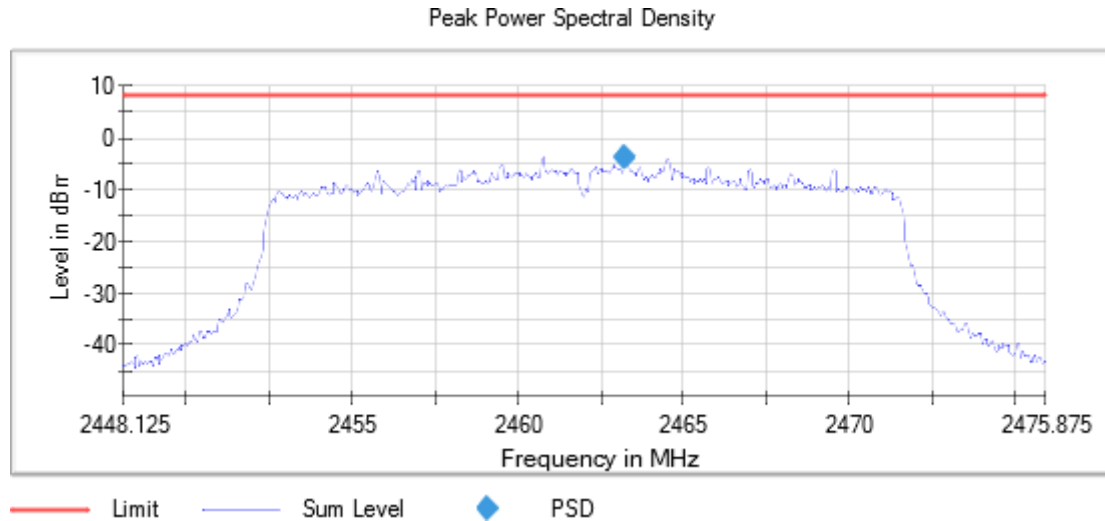
Equipment Type = Digital Transmission System (DTS)

Frequency MHz = 2462.00000

Active Port = 2

Modulation = 802.11ax HE20 SS1 (OFDMA MCS0)

Images:



Date: 16 JAN 2026 10:46:32

Operation Band MHz = [2400, 2483.5]

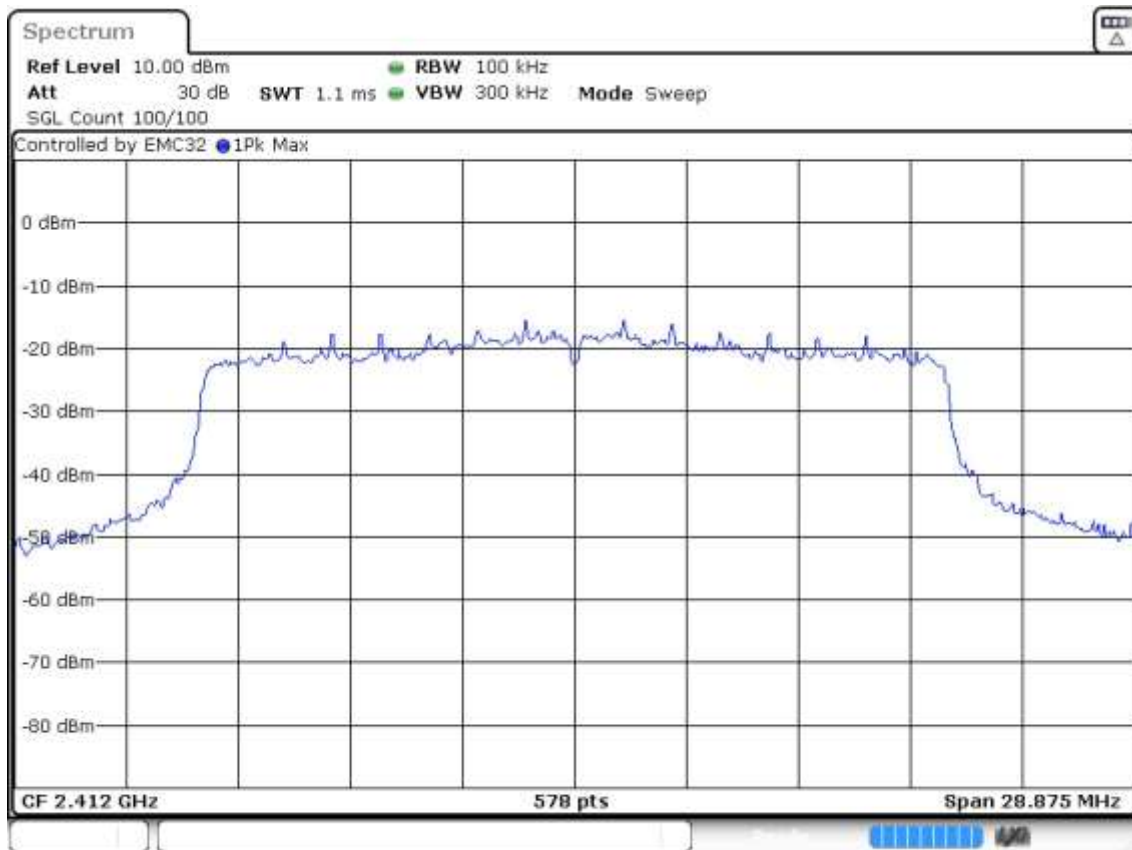
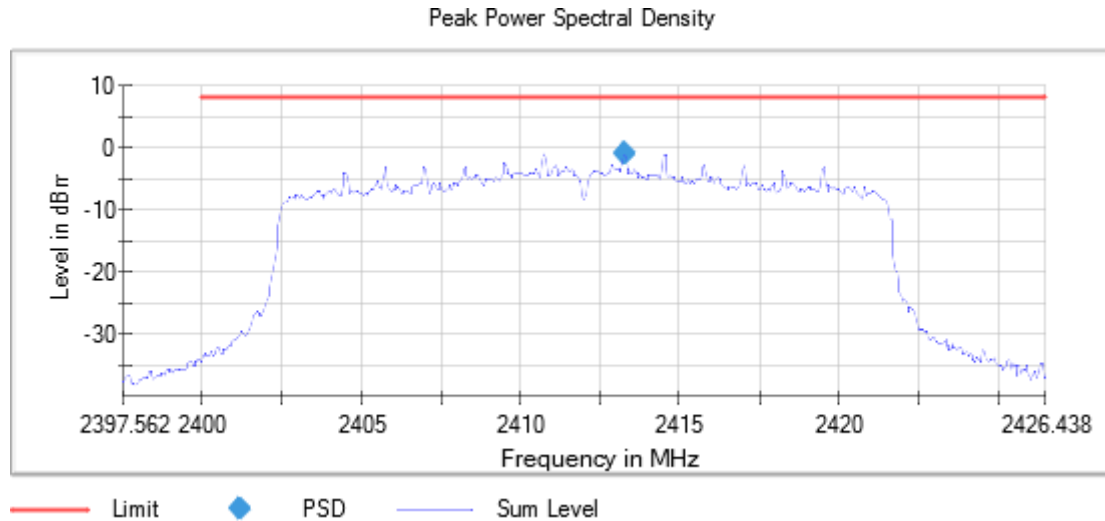
Equipment Type = Digital Transmission System (DTS)

Frequency MHz = 2412.00000

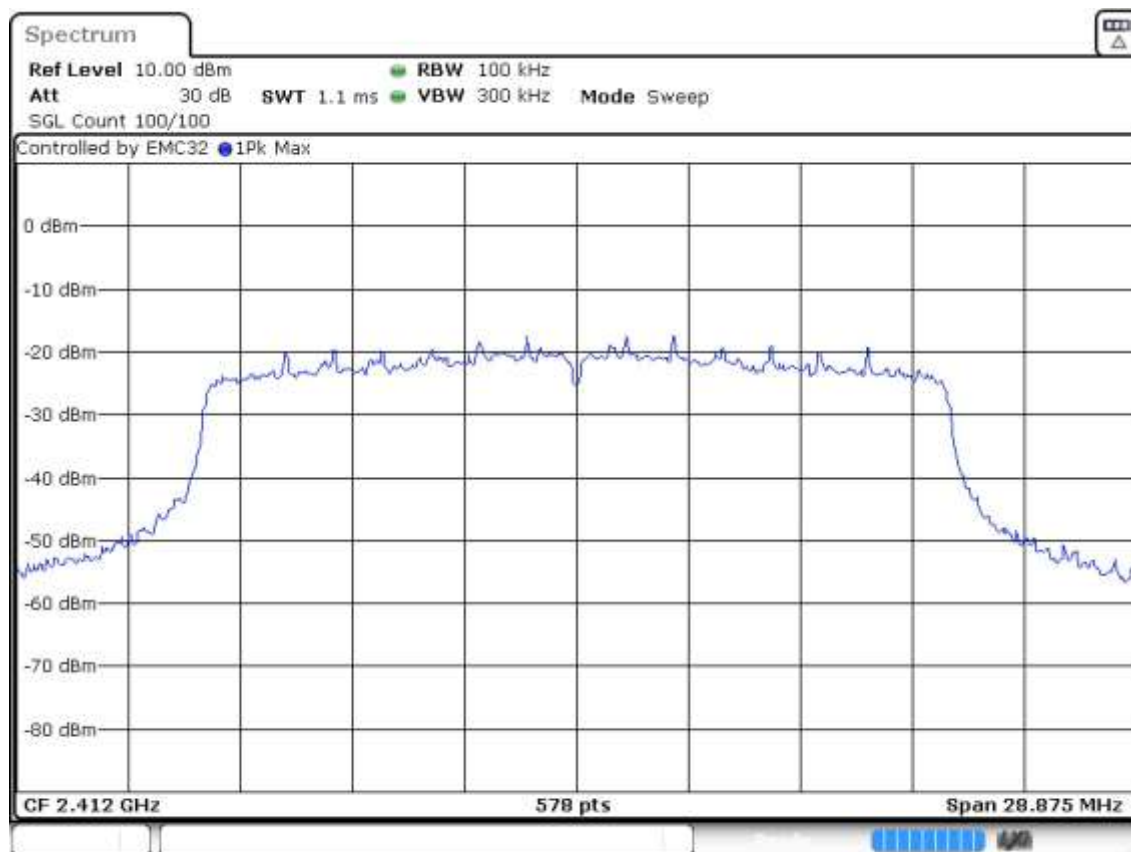
Active Port = 1+2

Modulation = 802.11ax HE20 SS1 (OFDMA MCS0)

Images:



Date: 16 JAN 2026 10:55:47



Date: 16.JAN.2026 10:58:45

Operation Band MHz = [2400, 2483.5]

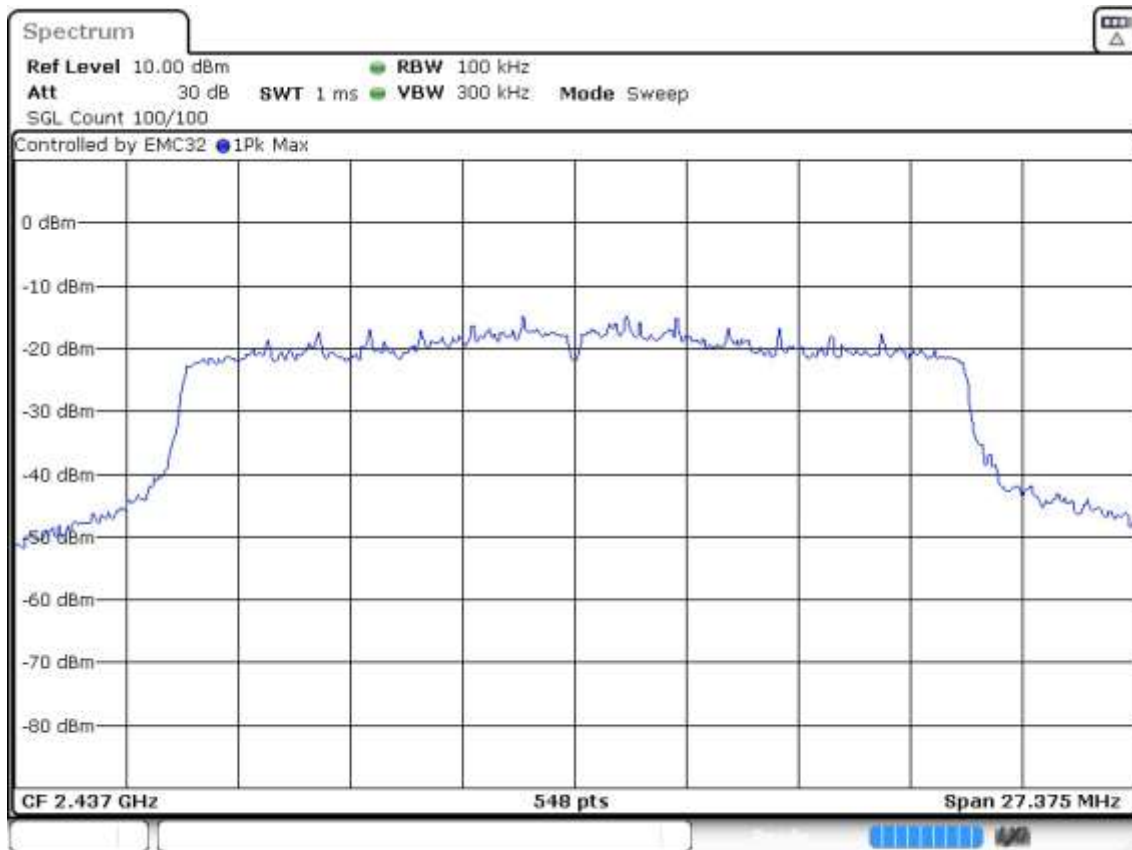
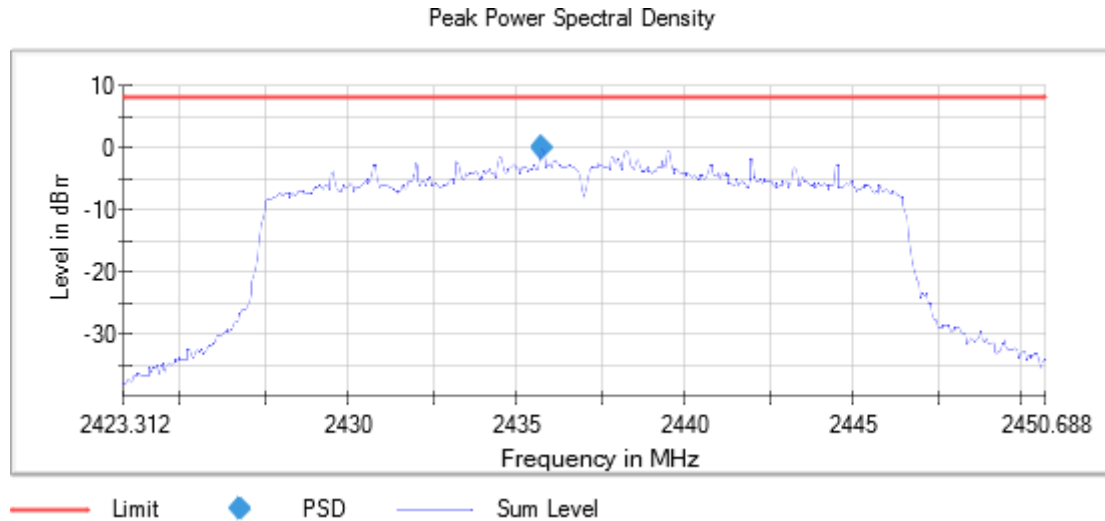
Equipment Type = Digital Transmission System (DTS)

Frequency MHz = 2437.00000

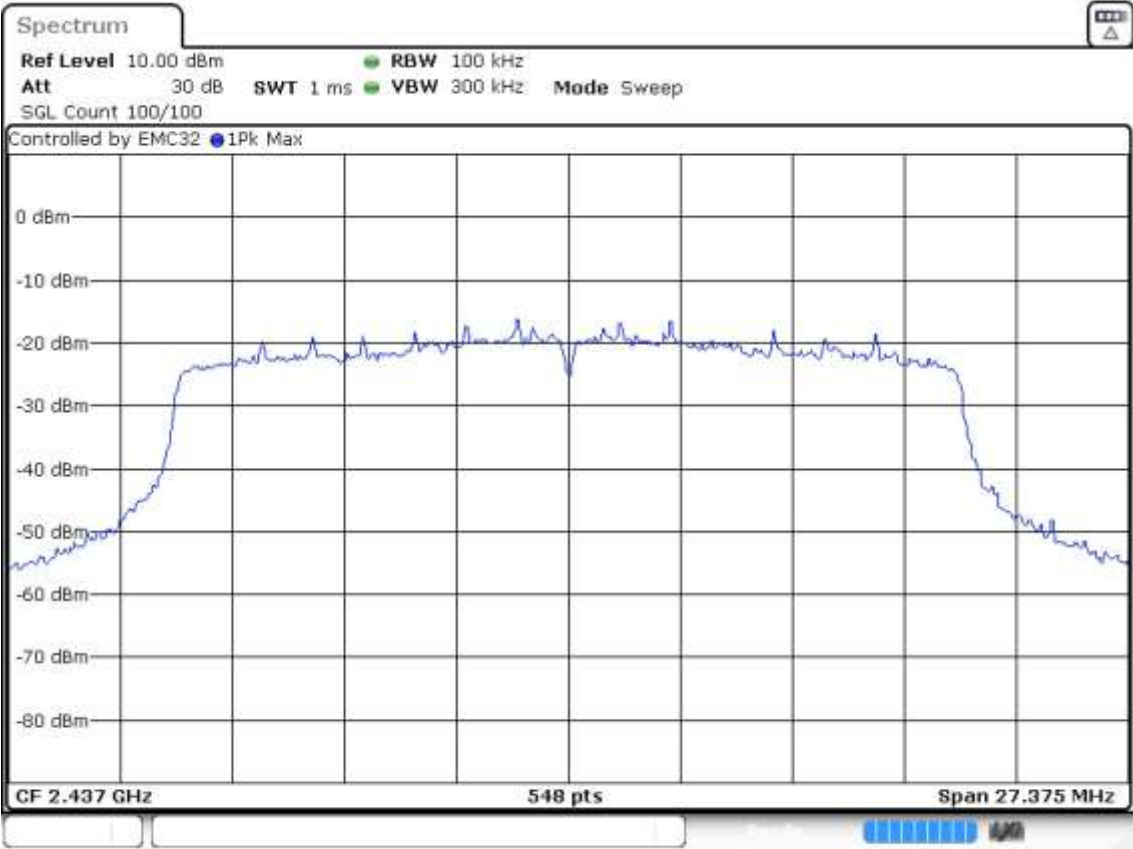
Active Port = 1+2

Modulation = 802.11ax HE20 SS1 (OFDMA MCS0)

Images:



Date: 16 JAN 2026 11:04:55



Date: 16 JAN 2026 11:06:01