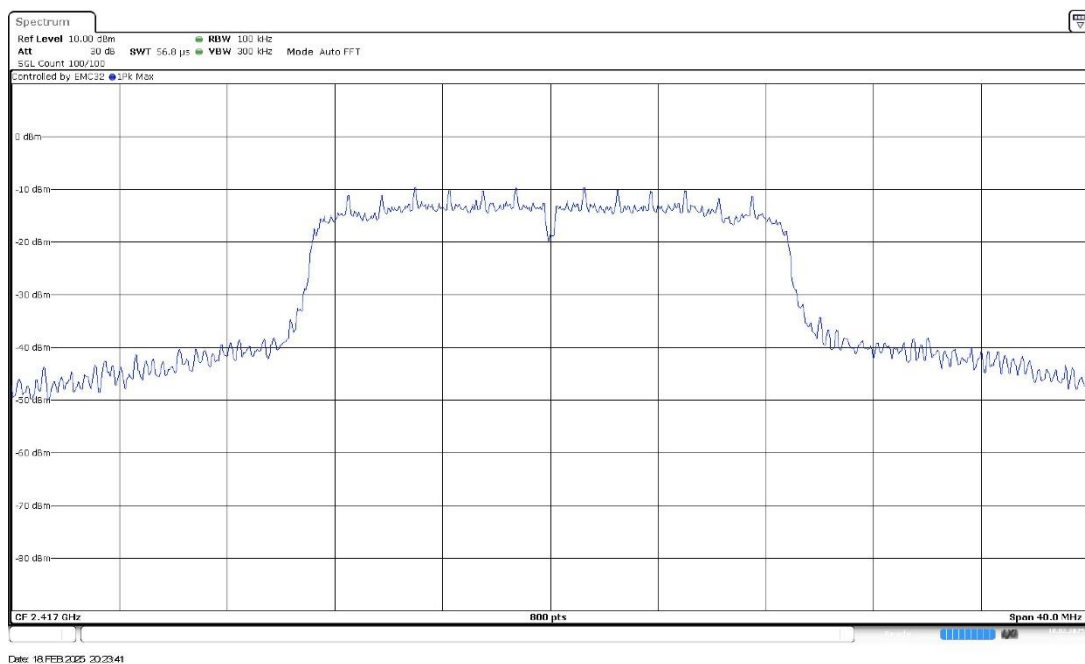
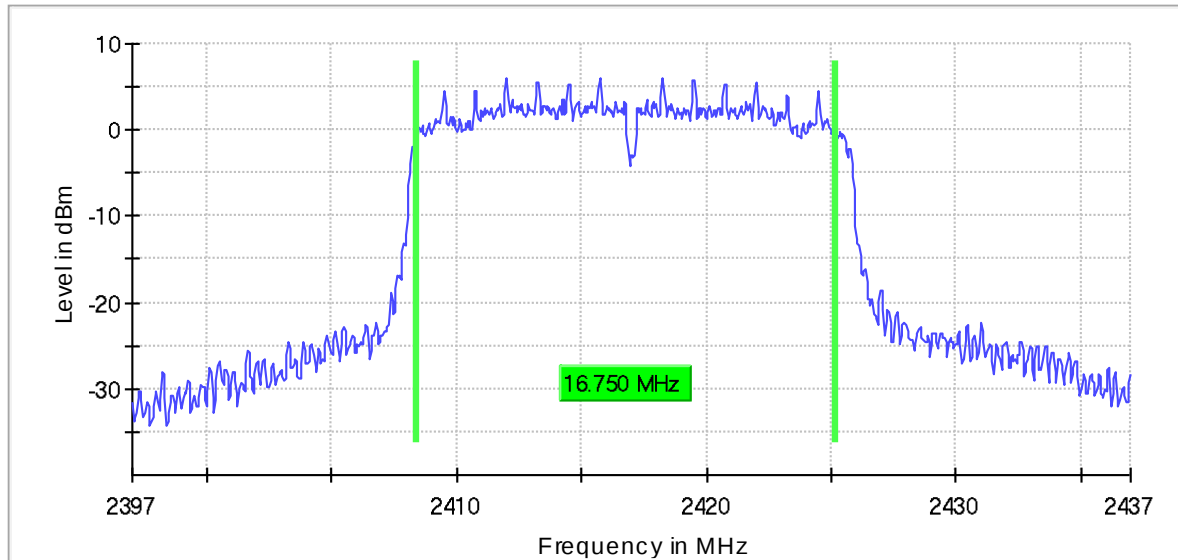


Bandwidth MHz = 20 Modulation = 802.11n HT20 (OFDM MCS0)
Frequency MHz = 2417.00000 MIMO Mode = SISO
Active Port = 1

Images:

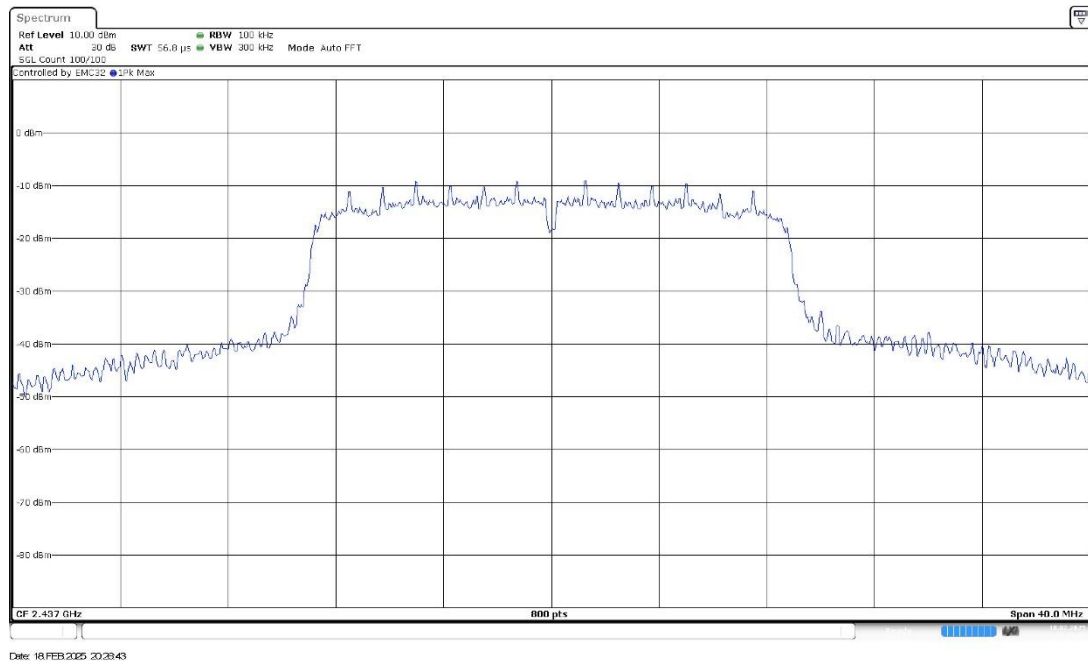
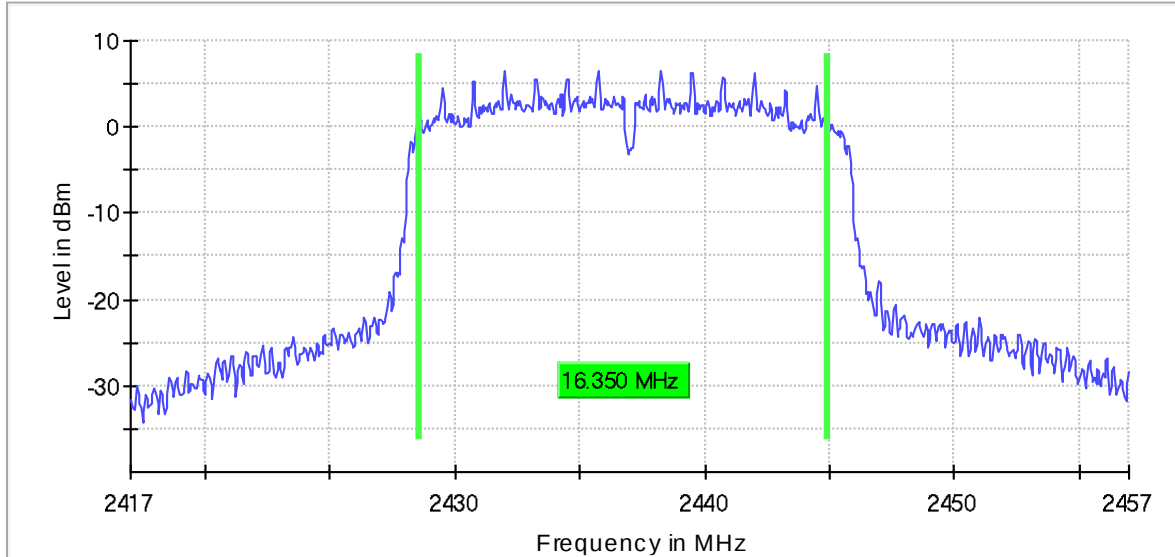
6 dB Bandwidth



Bandwidth MHz = 20 Modulation = 802.11n HT20 (OFDM MCS0)
 Frequency MHz = 2437.00000 MIMO Mode = SISO
 Active Port = 1

Images:

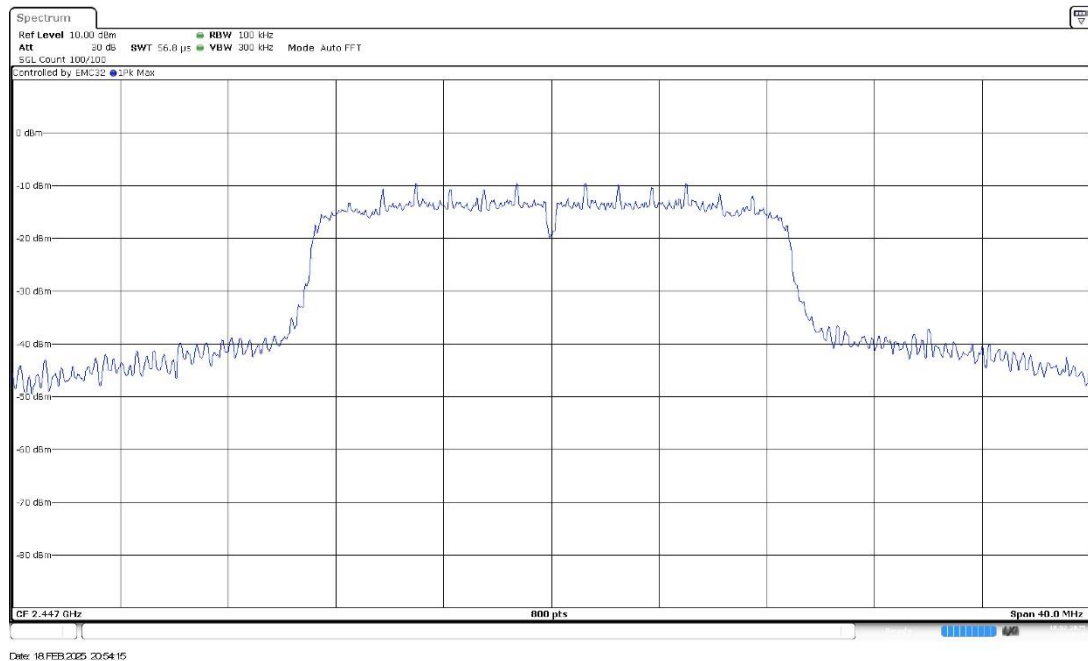
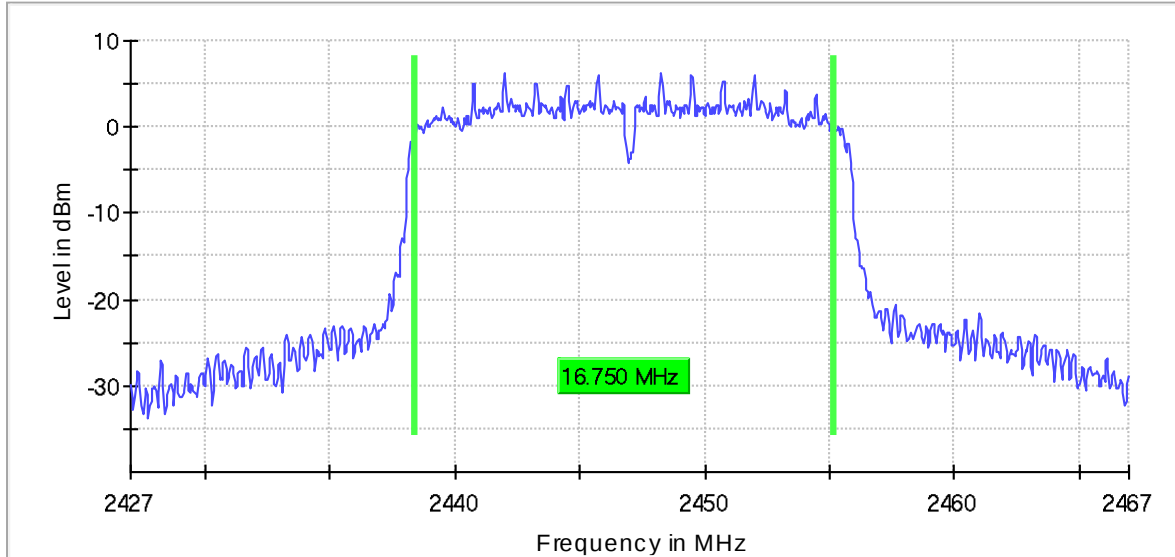
6 dB Bandwidth



Bandwidth MHz = 20 Modulation = 802.11n HT20 (OFDM MCS0)
Frequency MHz = 2447.00000 MIMO Mode = SISO
Active Port = 1

Images:

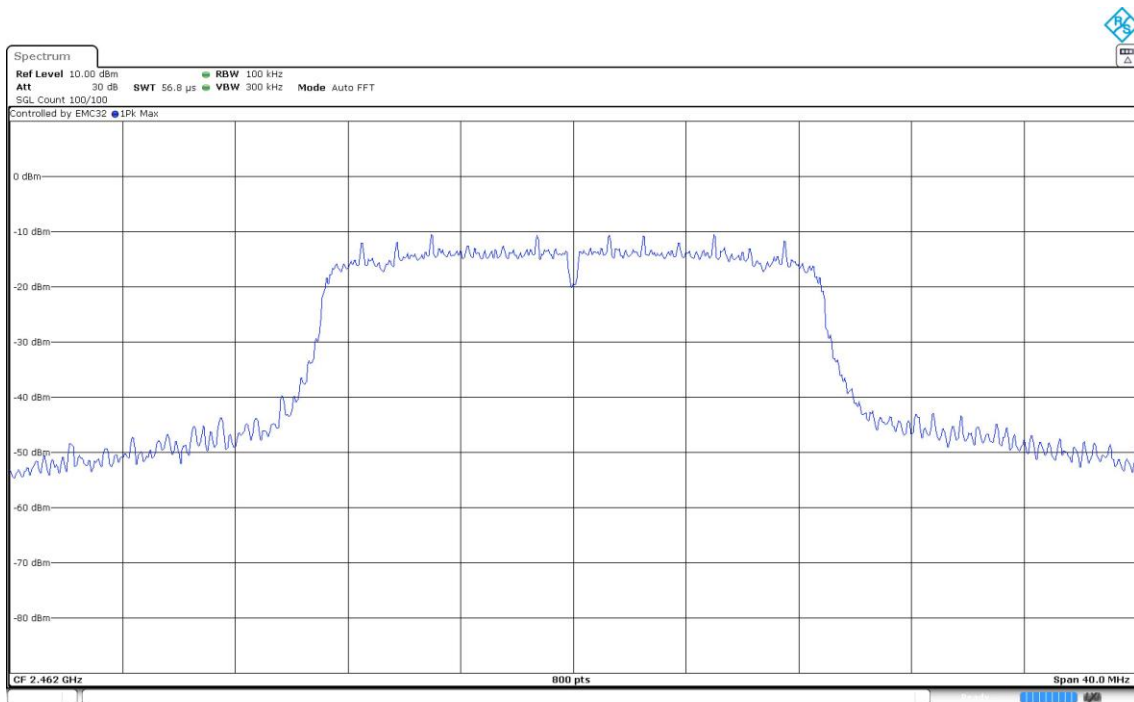
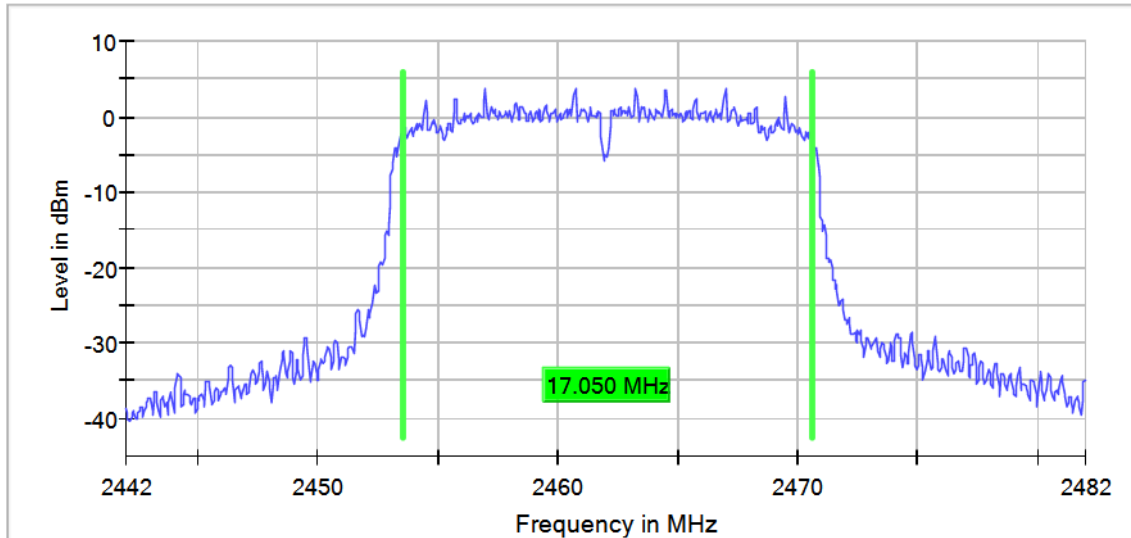
6 dB Bandwidth



Bandwidth MHz = 20 Modulation = 802.11n HT20 (OFDM MCS0)
 Frequency MHz = 2462.00000 MIMO Mode = SISO
 Active Port = 1

Images:

6 dB Bandwidth



Results

Modulation: 802.11ax HE20 (OFDMA MCS0) SU

MIMO Mode: SISO

BW (MHz)	Freq (MHz)	Port	Ebw (MHz)
20	2412.00000	1	17.200
	2417.00000		18.350
	2437.00000		
	2457.00000		
	2462.00000		17.250

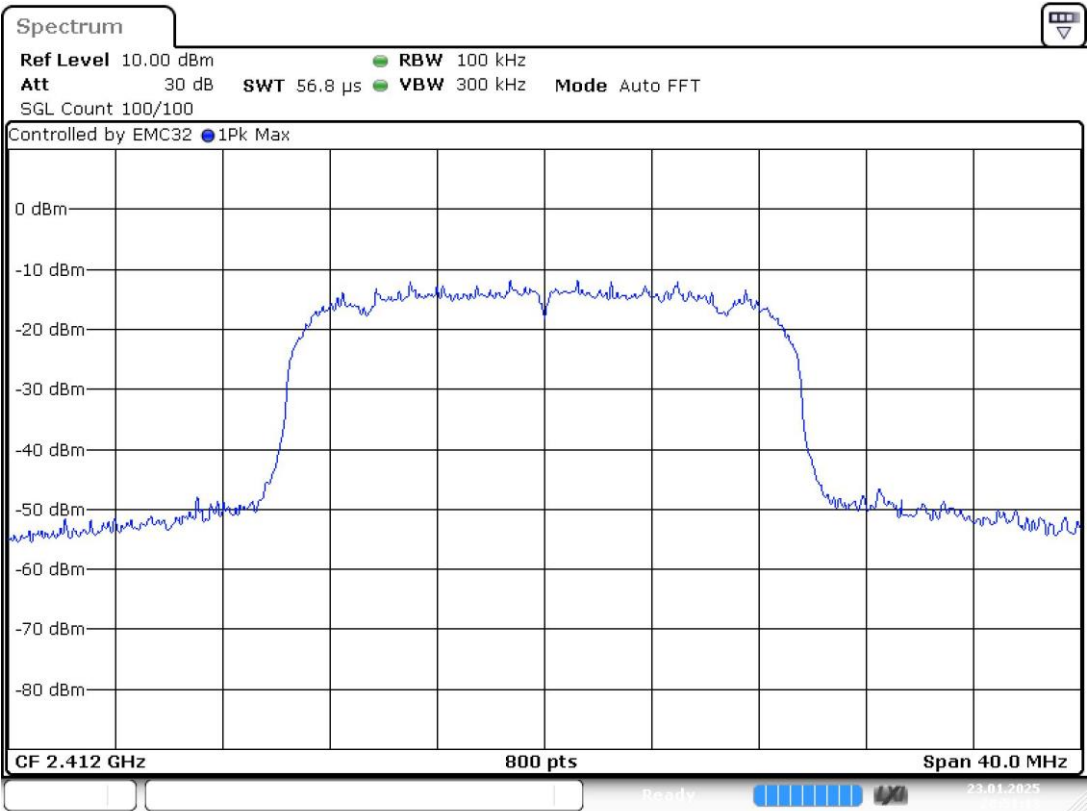
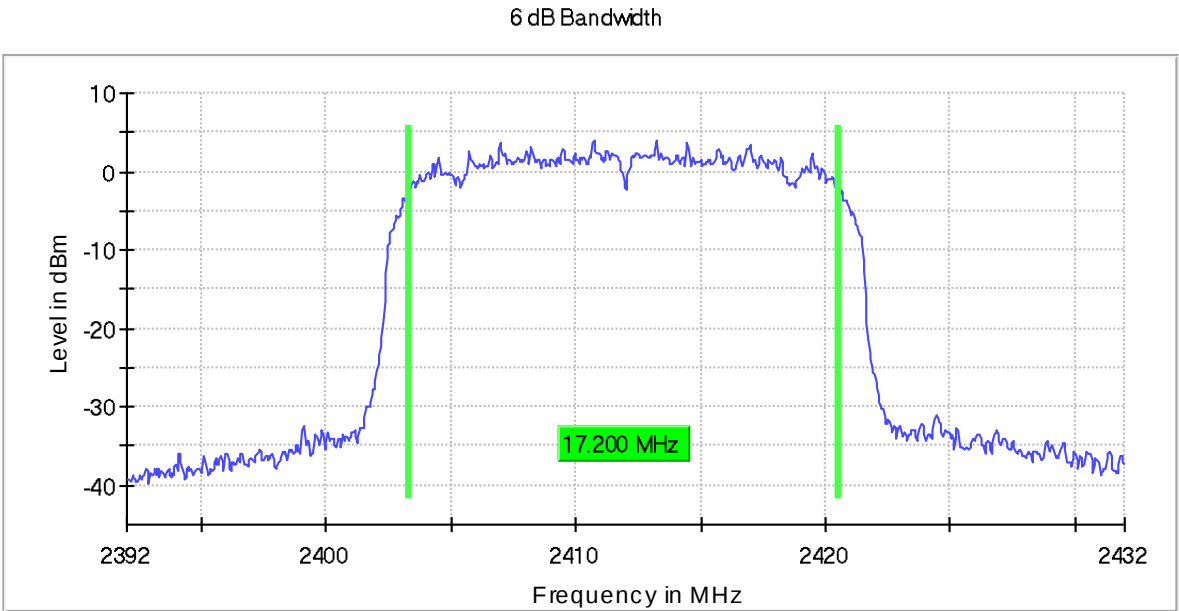
Verdict

Pass

Attachments

Bandwidth MHz = 20 Modulation = 802.11ax HE20 (OFDMA MCS0) SU
Frequency MHz = 2412.00000 MIMO Mode = SISO
Active Port = 1

Images:

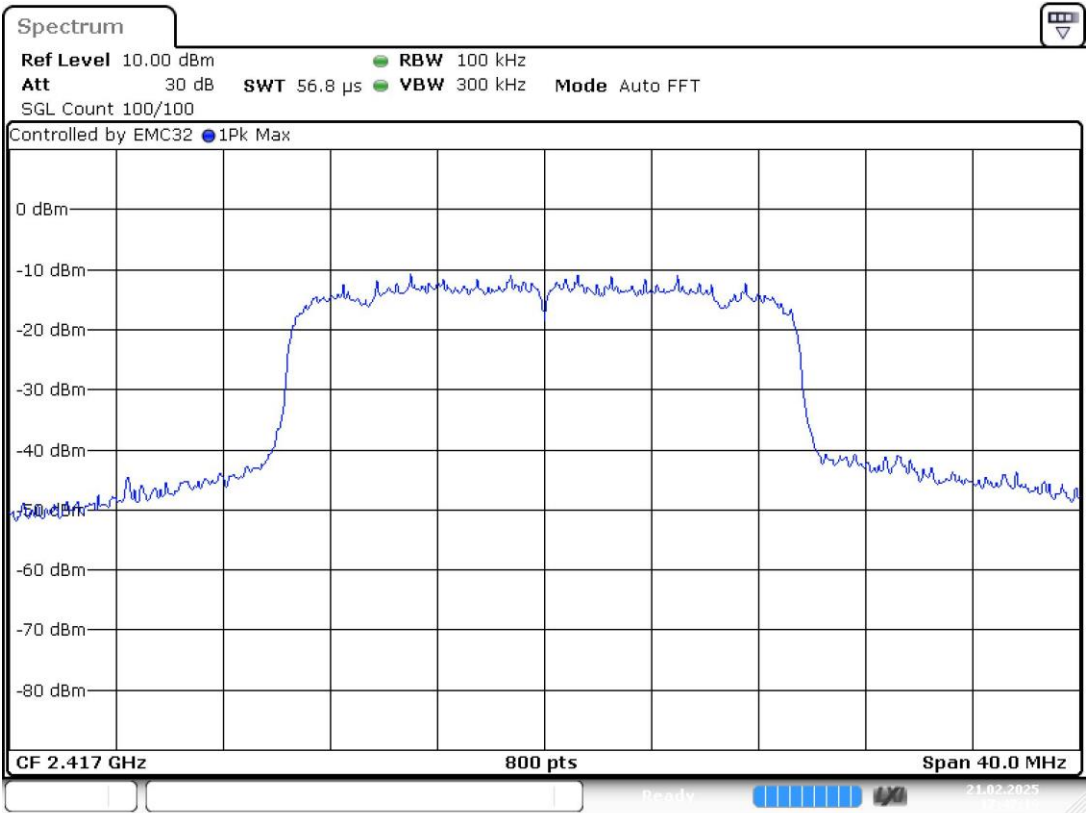
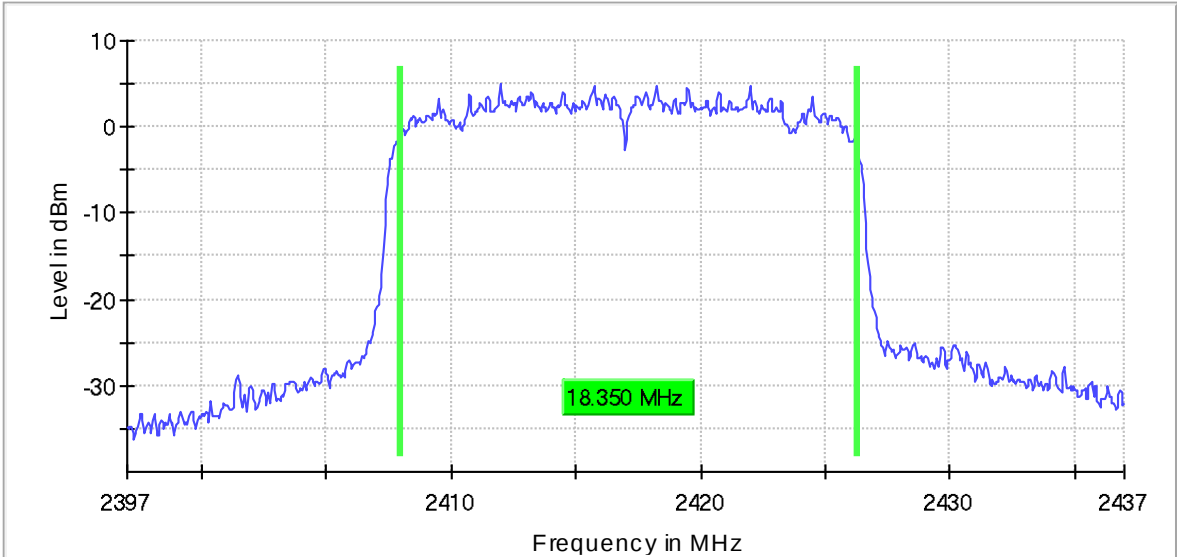


Date: 23. JAN.2025 20:51:13

Bandwidth MHz = 20 Modulation = 802.11ax HE20 (OFDMA MCS0) SU
Frequency MHz = 2417.00000 MIMO Mode = SISO
Active Port = 1

Images:

6 dB Bandwidth

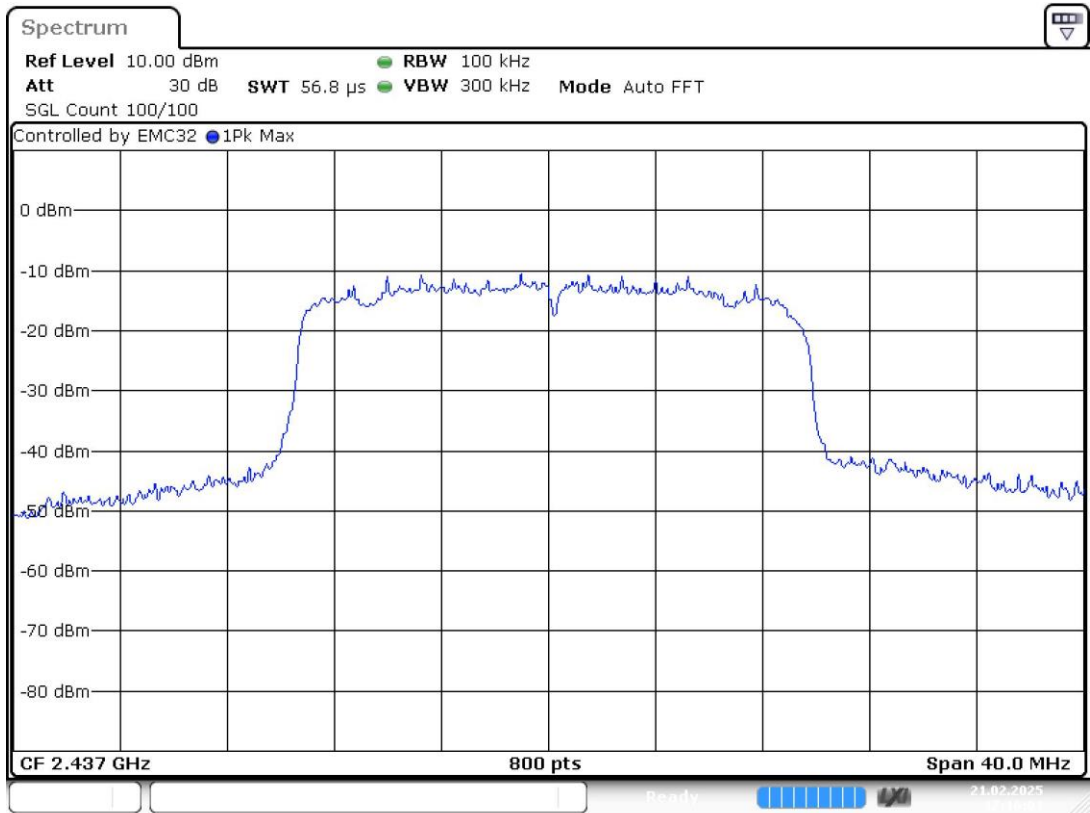
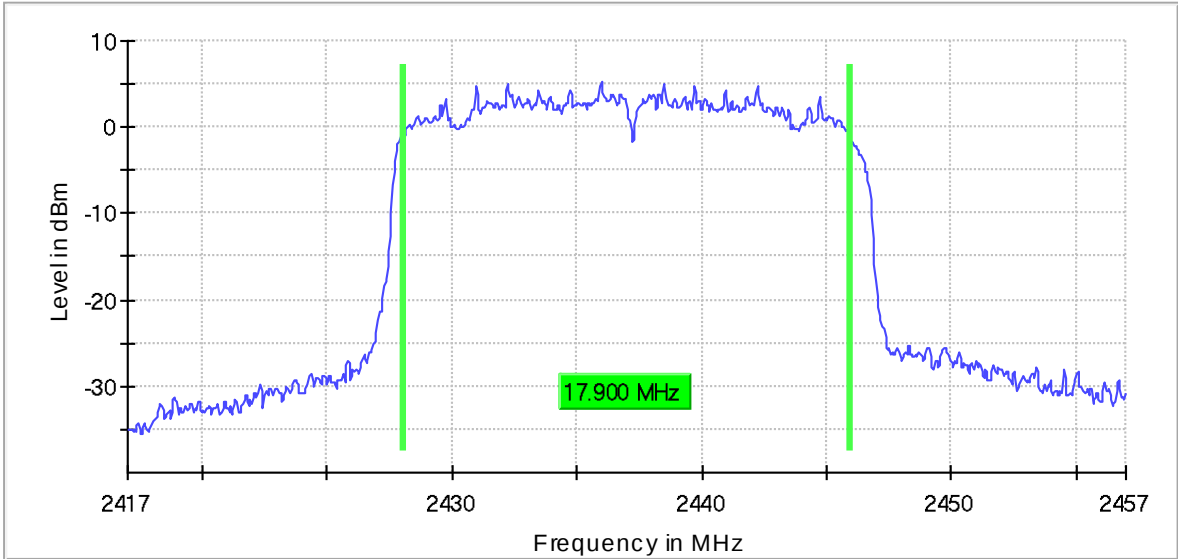


Date: 21.FEB.2025 17:47:20

Bandwidth MHz = 20 Modulation = 802.11ax HE20 (OFDMA MCS0) SU
Frequency MHz = 2437.00000 MIMO Mode = SISO
Active Port = 1

Images:

6 dB Bandwidth

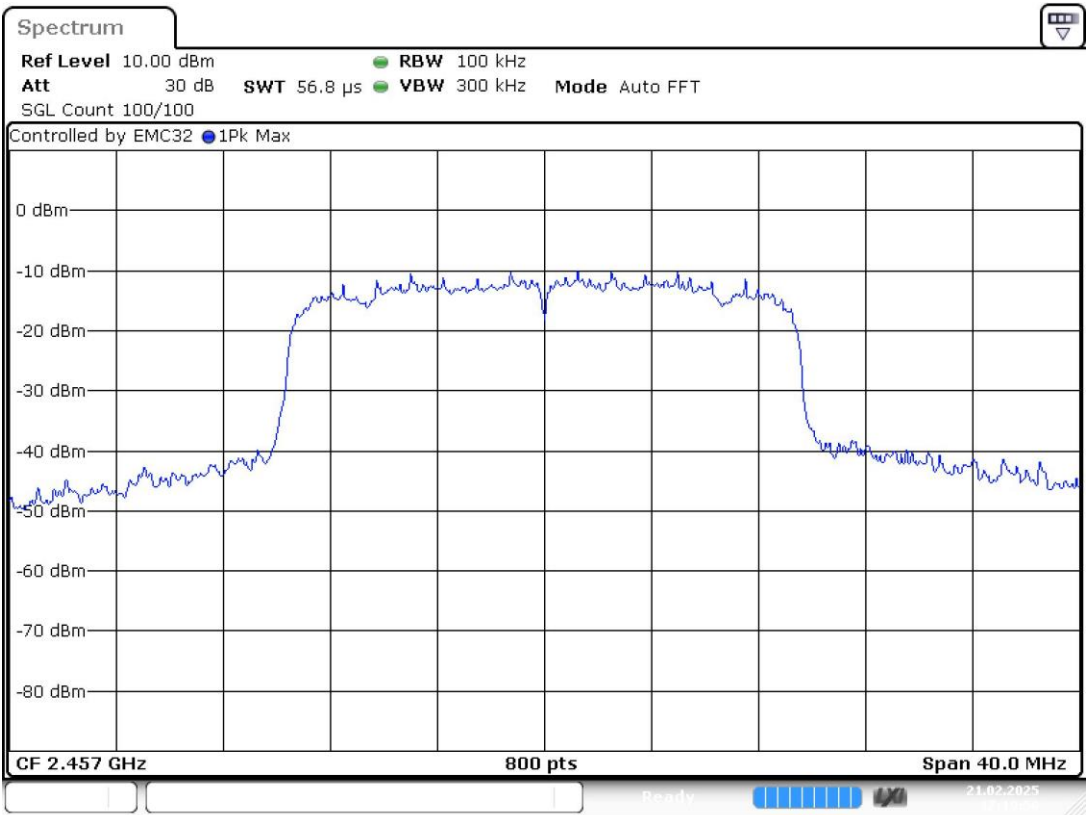
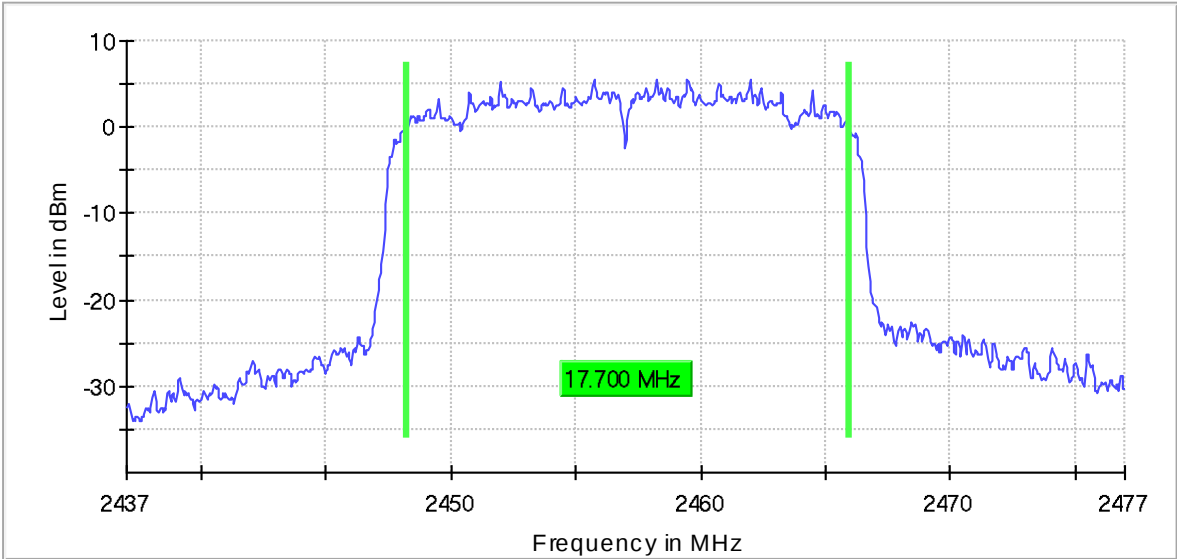


Date: 21.FEB.2025 17:16:03

Bandwidth MHz = 20 Modulation = 802.11ax HE20 (OFDMA MCS0) SU
Frequency MHz = 2457.00000 MIMO Mode = SISO
Active Port = 1

Images:

6 dB Bandwidth

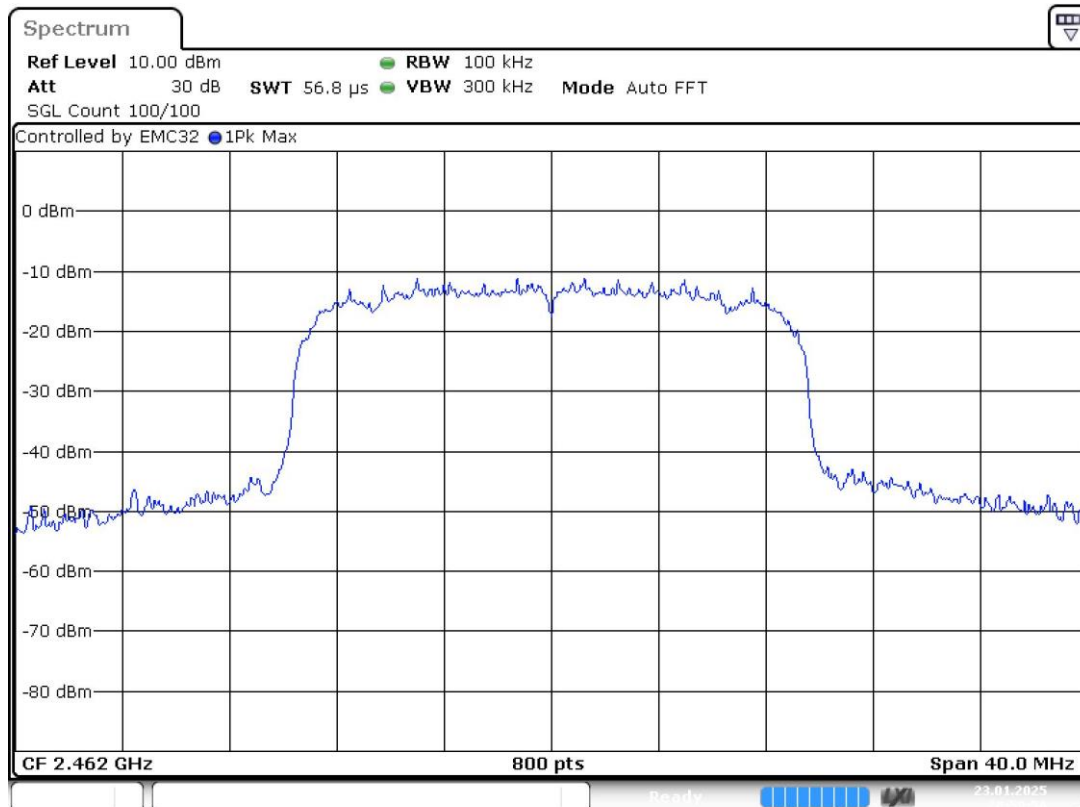
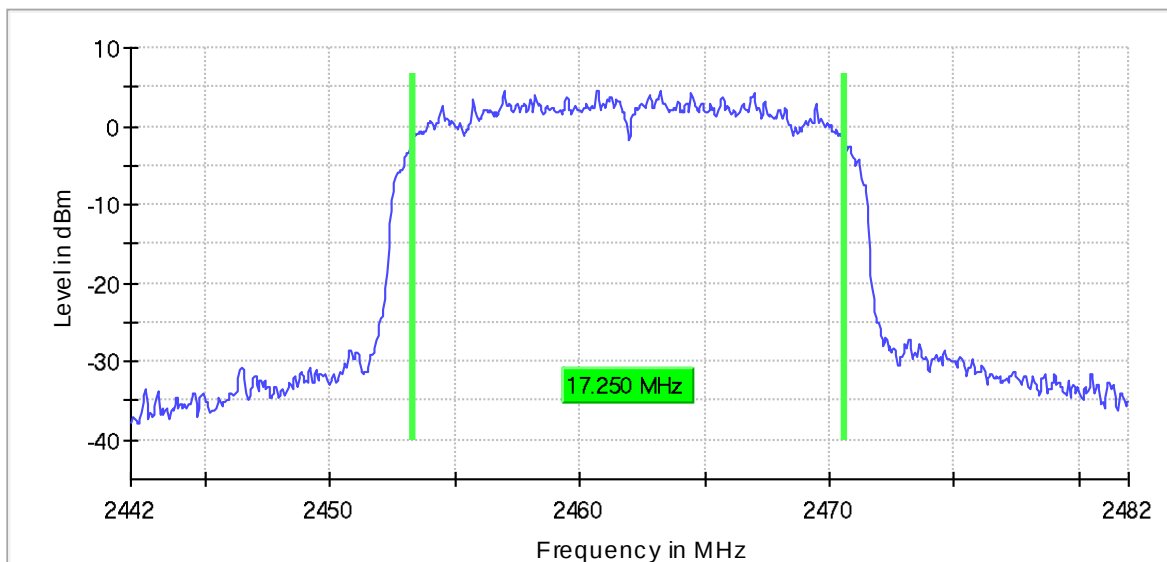


Date: 21.FEB.2025 17:19:50

Bandwidth MHz = 20 Modulation = 802.11ax HE20 (OFDMA MCS0) SU
Frequency MHz = 2462.00000 MIMO Mode = SISO
Active Port = 1

Images:

6 dB Bandwidth



Date: 23.JAN.2025 20:59:56

Results

Modulation: 802.11n HT40 (OFDM MCS0)
MIMO Mode: SISO

BW (MHz)	Freq (MHz)	Port	Ebw (MHz)
40	2422.00000	1	27.700
	2432.00000		30.200
	2437.00000		30.200
	2452.00000		28.900

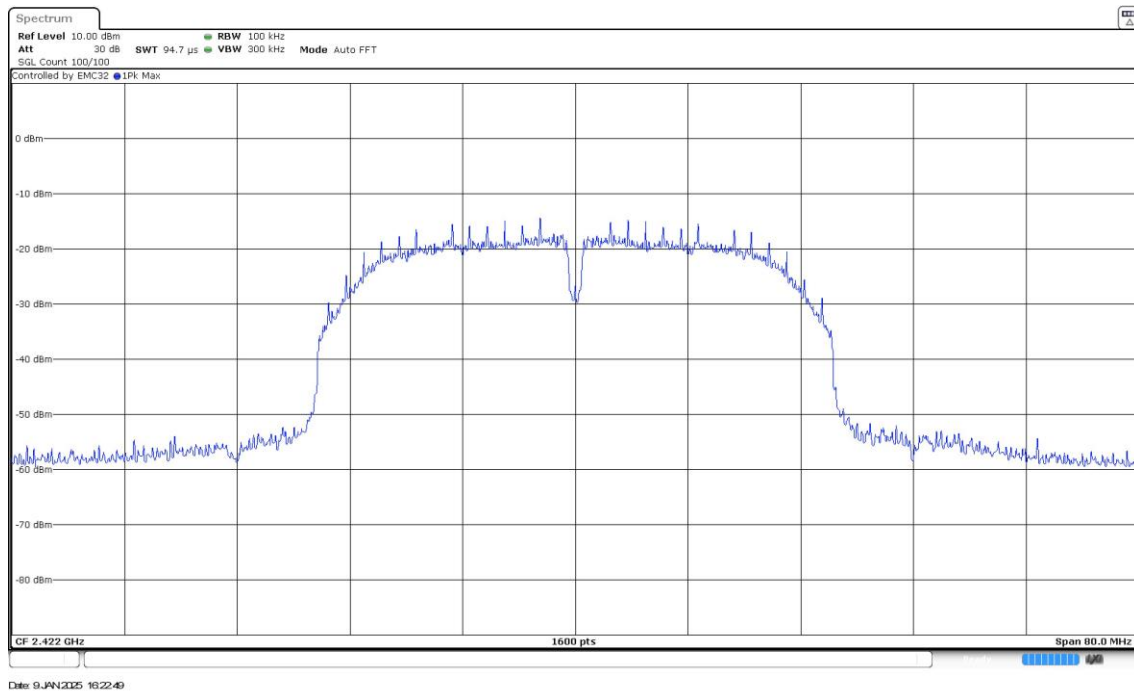
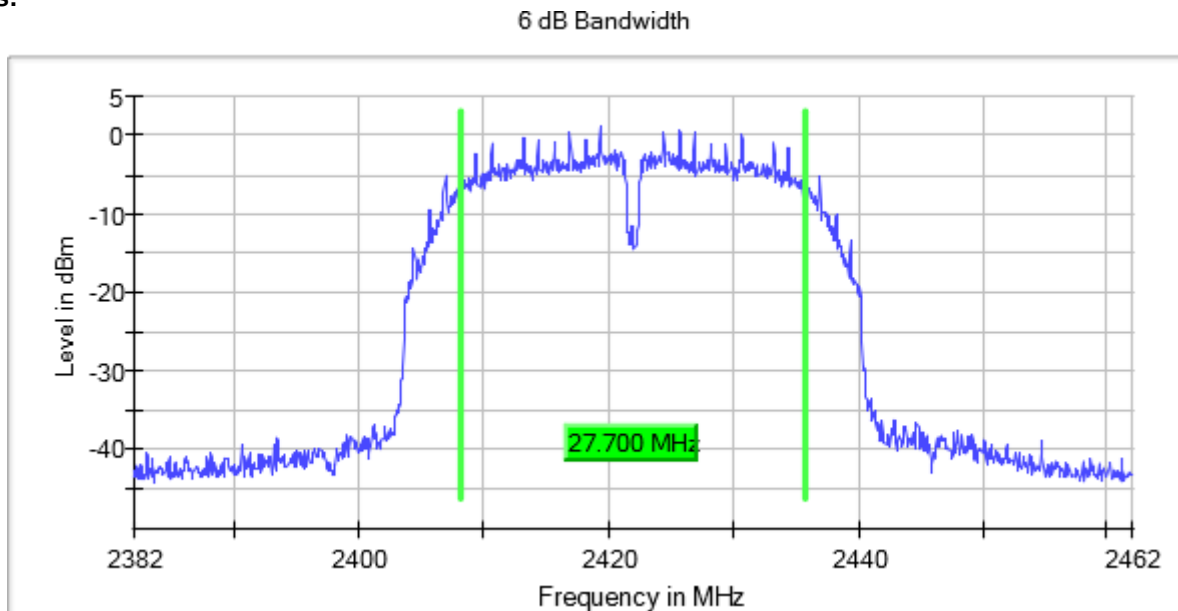
Verdict

Pass

Attachments

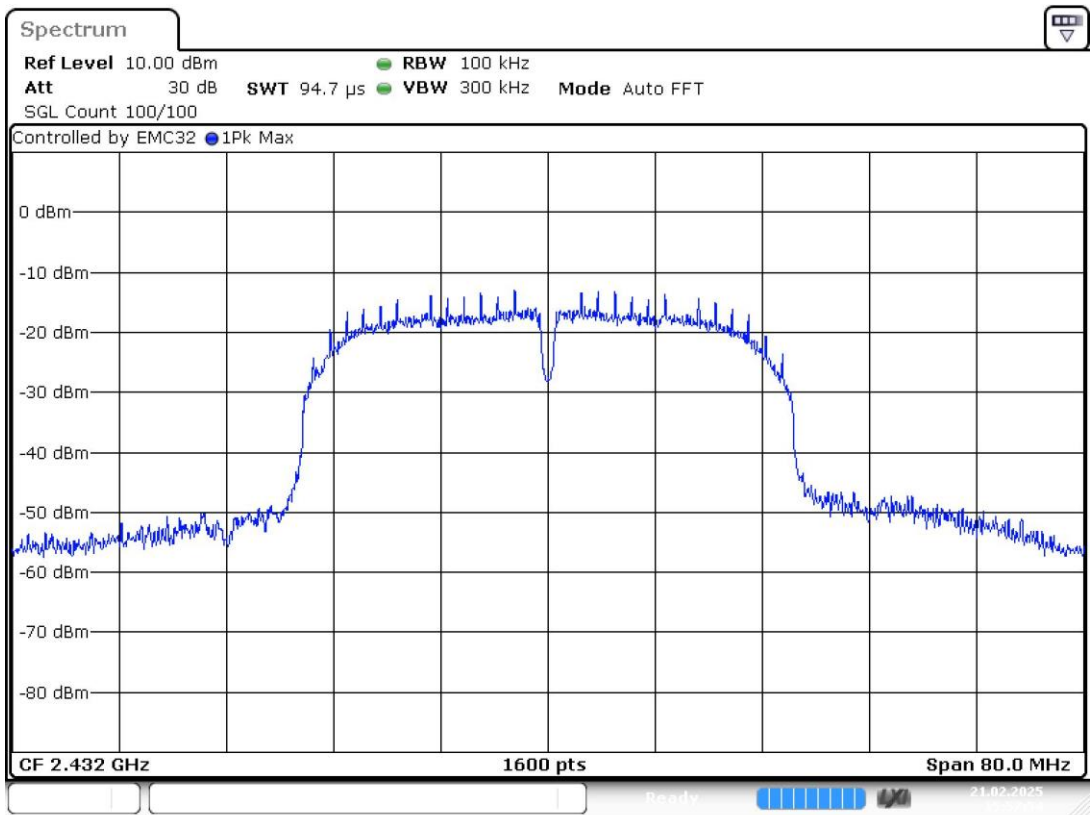
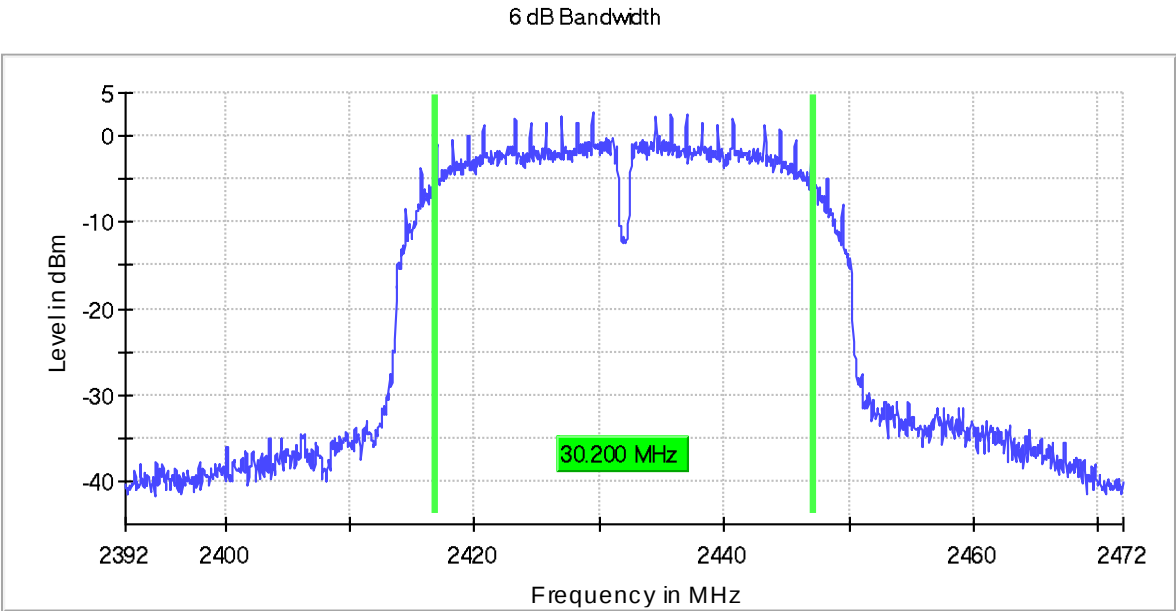
Bandwidth MHz = 40 Modulation = 802.11n HT40 (OFDM MCS0)
Frequency MHz = 2422.00000 MIMO Mode = SISO
Active Port = 1

Images:



Bandwidth MHz = 40 Modulation = 802.11n HT40 (OFDM MCS0)
Frequency MHz = 2432.00000 MIMO Mode = SISO
Active Port = 1

Images:

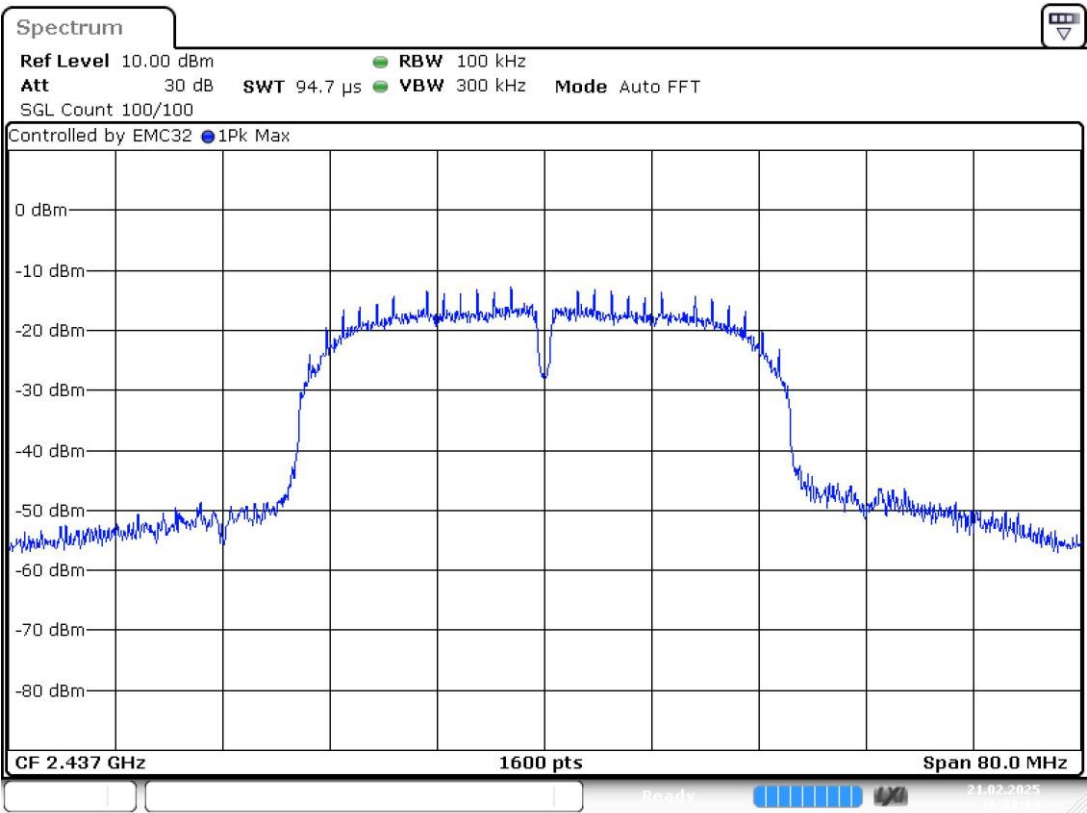
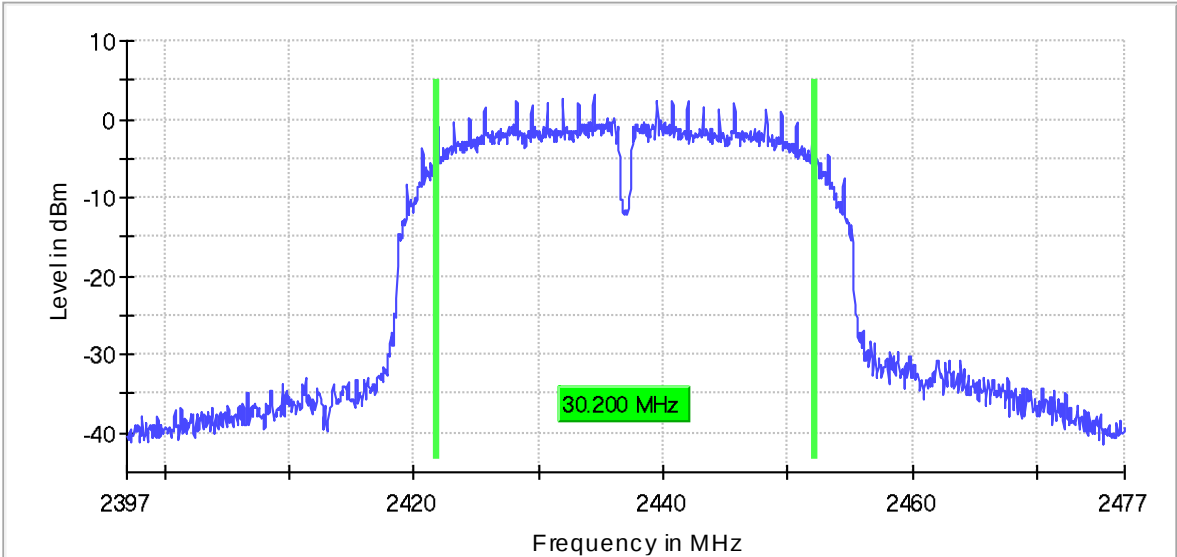


Date: 21.FEB.2025 15:57:54

Bandwidth MHz = 40 Modulation = 802.11n HT40 (OFDM MCS0)
Frequency MHz = 2437.00000 MIMO Mode = SISO
Active Port = 1

Images:

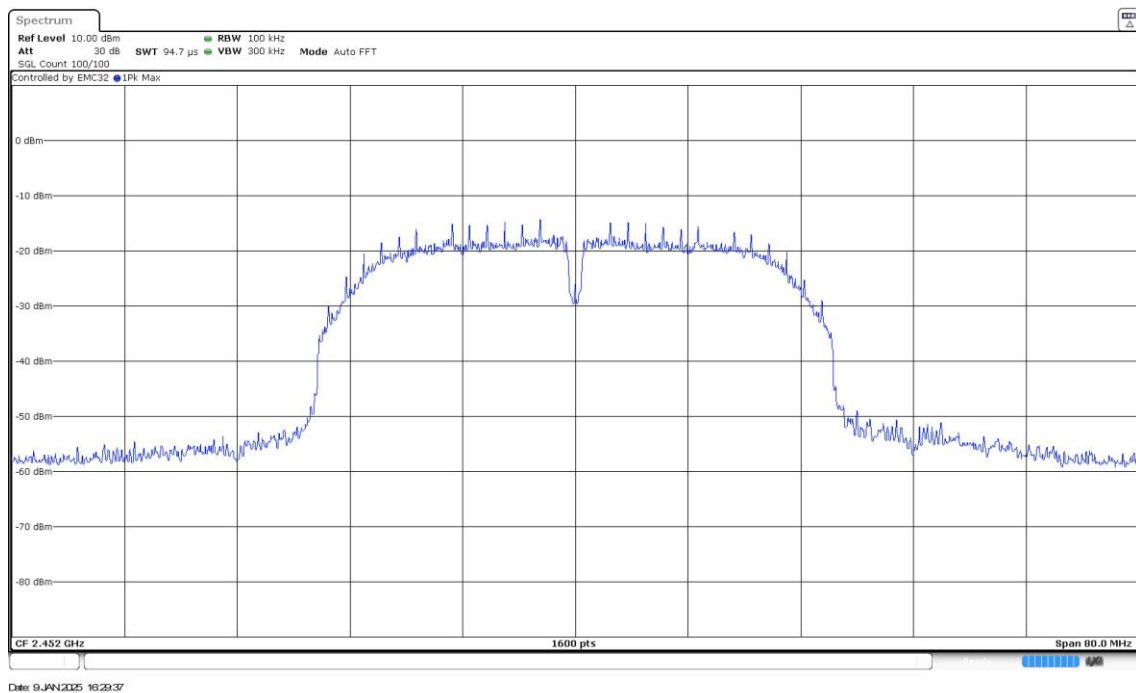
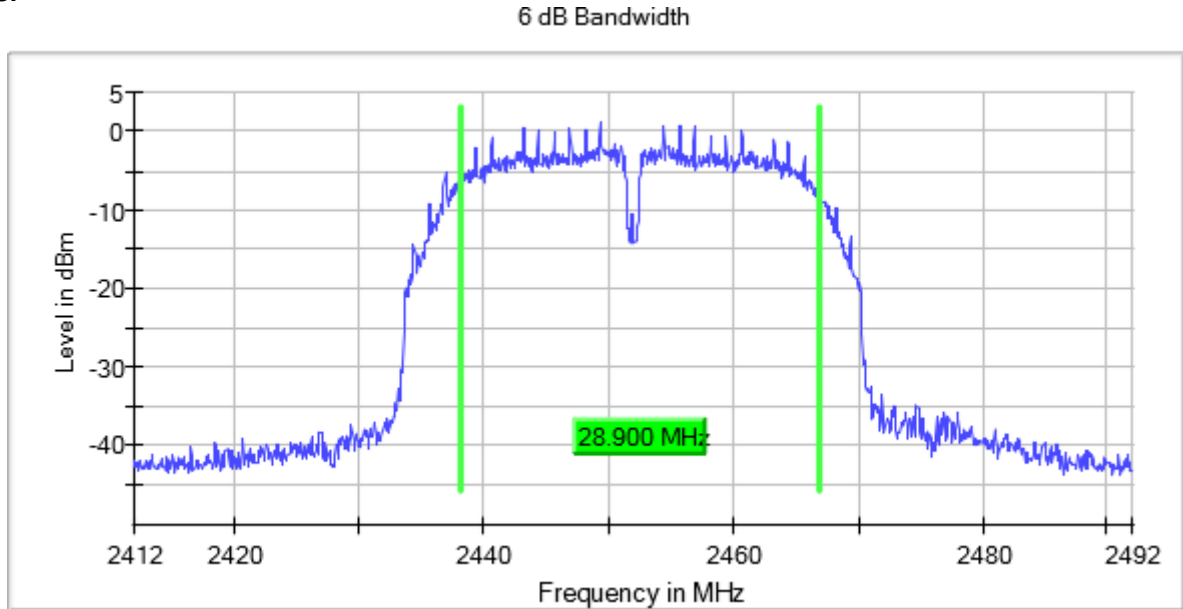
6 dB Bandwidth



Date: 21.FEB.2025 16:01:15

Bandwidth MHz = 40 Modulation = 802.11n HT40 (OFDM MCS0)
Frequency MHz = 2452.00000 MIMO Mode = SISO
Active Port = 1

Images:



RSS-247 5.2 (b) / FCC 15.247 (e) [Psd] Power spectral density

Limits

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

Modulation: 802.11b (DSSS 1 Mbit/s)

MIMO Mode: SISO

Equipment	BW (MHz)	Freq (MHz)	Port	PSD (dBm)
Digital Transmission System (DTS)	20	2412.00000	1	0.87
		2437.00000		1.29
		2462.00000		1.31

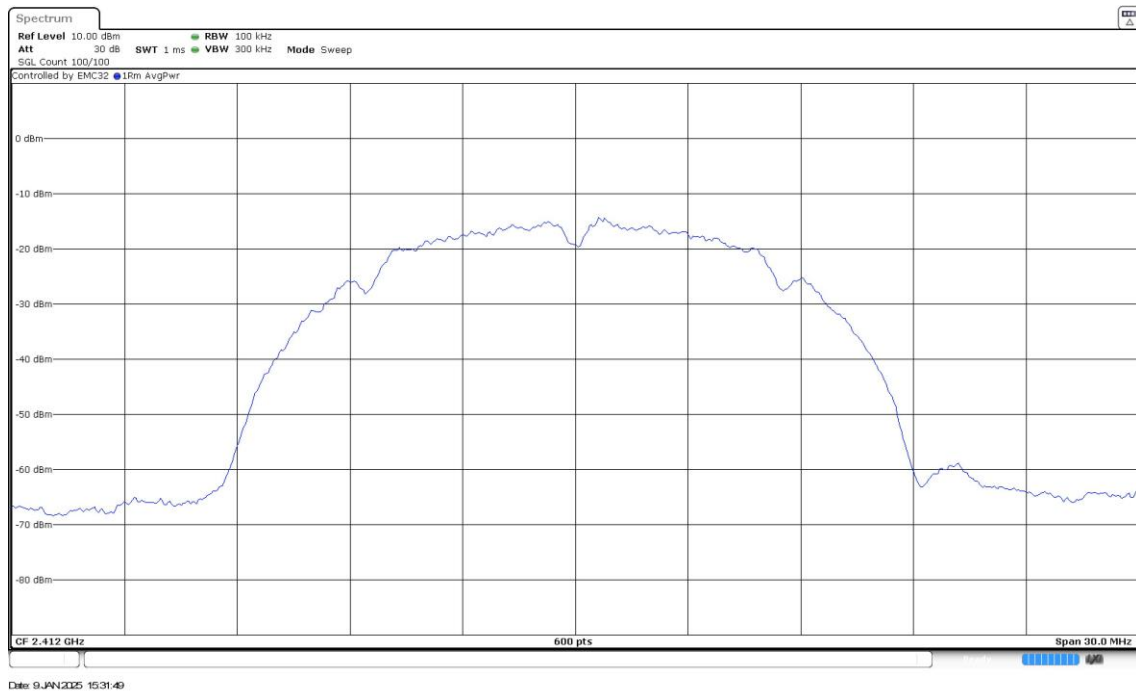
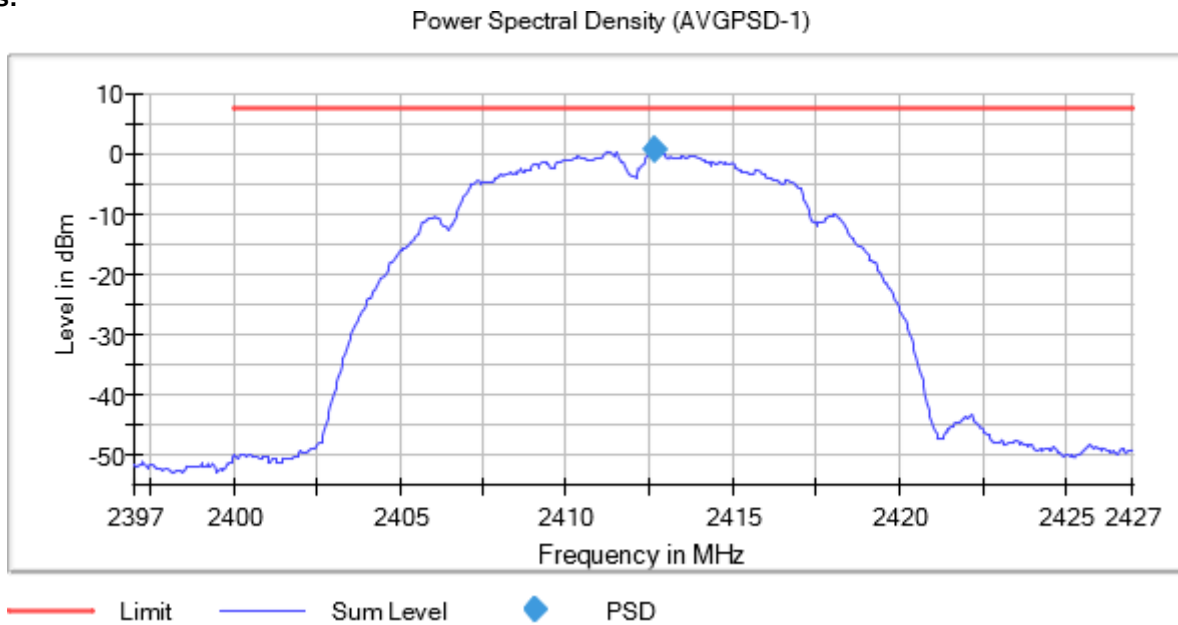
Verdict

Pass

Attachments

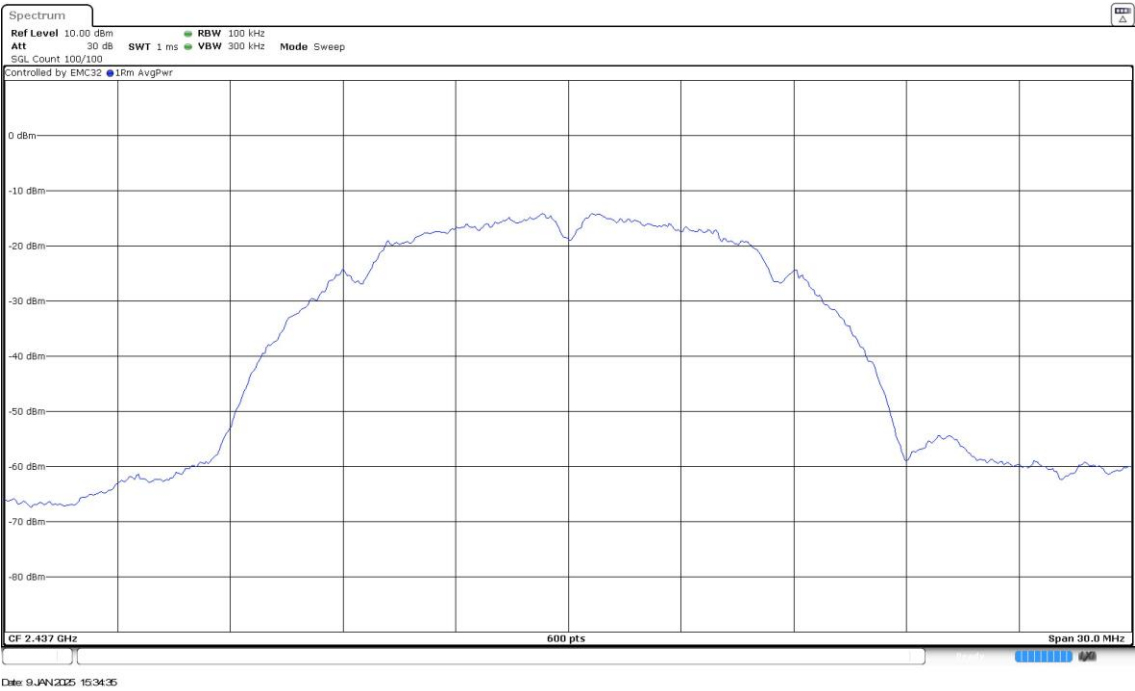
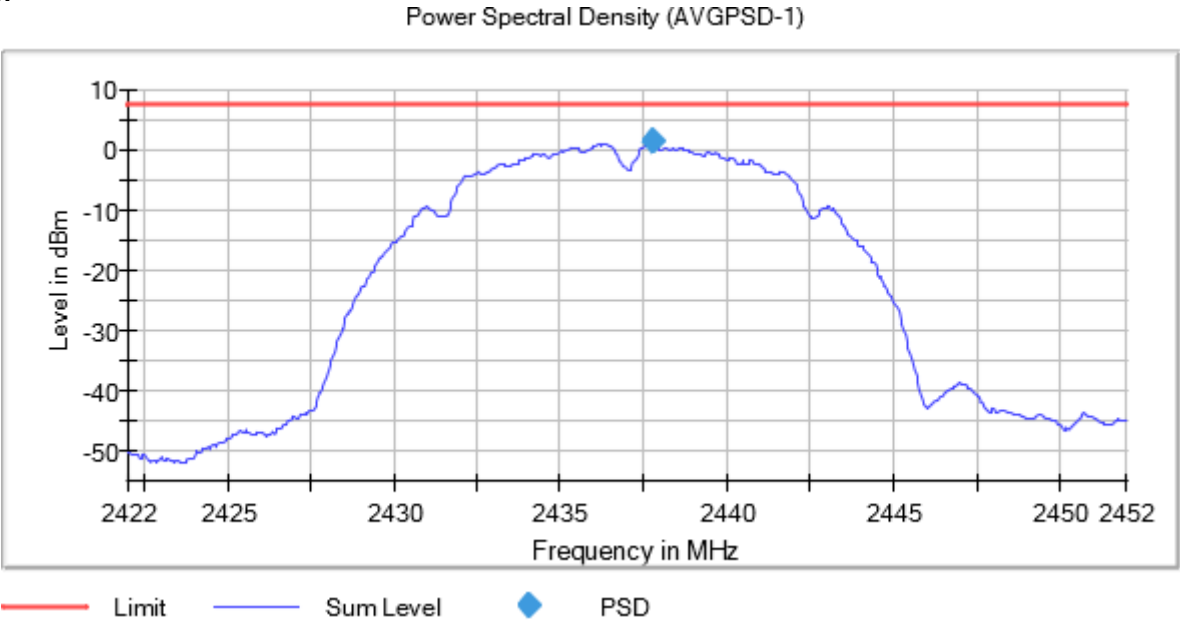
Equipment Type = Digital Transmission System (DTS) Bandwidth MHz = 20
Modulation = 802.11b (DSSS 1 Mbit/s) Frequency MHz = 2412.00000
MIMO Mode = SISO Active Port = 1

Images:



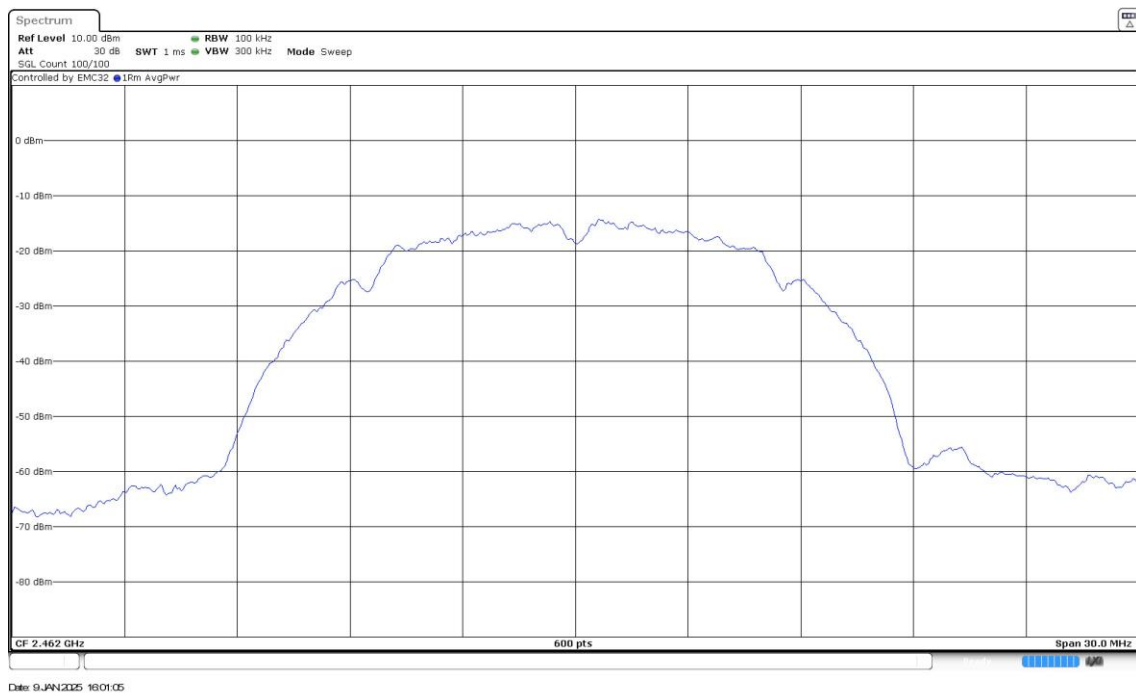
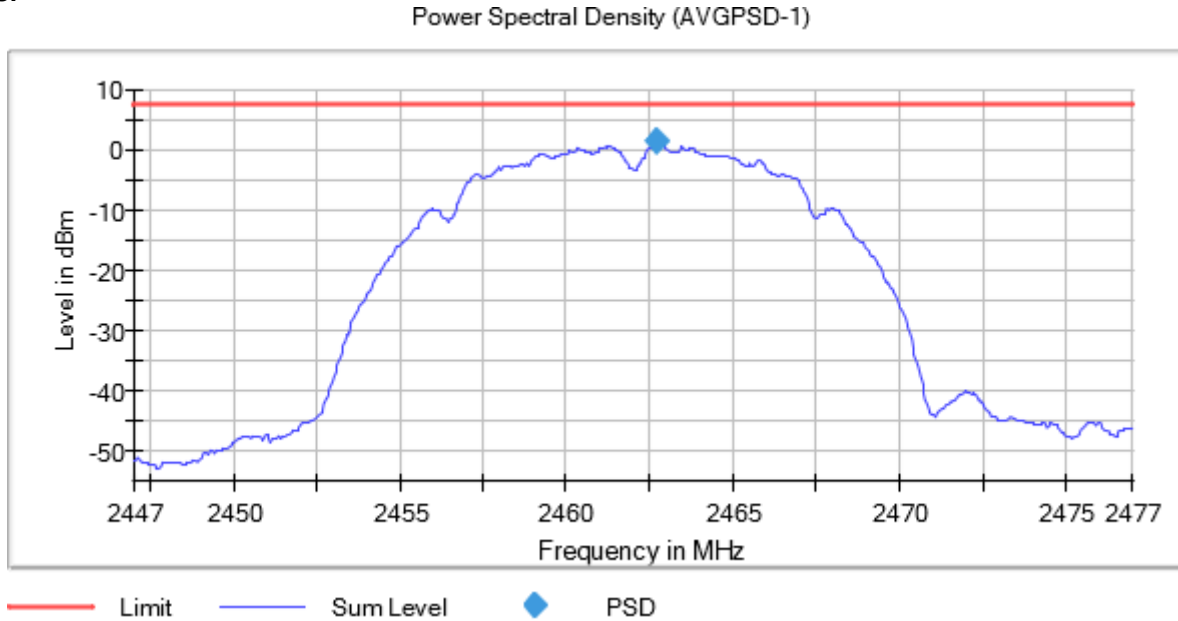
Equipment Type = Digital Transmission System (DTS) Bandwidth MHz = 20
Modulation = 802.11b (DSSS 1 Mbit/s) Frequency MHz = 2437.00000
MIMO Mode = SISO Active Port = 1

Images:



Equipment Type = Digital Transmission System (DTS) Bandwidth MHz = 20
 Modulation = 802.11b (DSSS 1 Mbit/s) Frequency MHz = 2462.00000
 MIMO Mode = SISO Active Port = 1

Images:



Results

Modulation: 802.11g (OFDM 6 Mbit/s)

MIMO Mode: SISO

Equipment	BW (MHz)	Freq (MHz)	Port	PSD (dBm)
Digital Transmission System (DTS)	20	2412.00000	1	-5.88
		2417.00000		-1.37
		2437.00000		-1.083
		2447.00000		-1.349
		2462.00000		-5.30

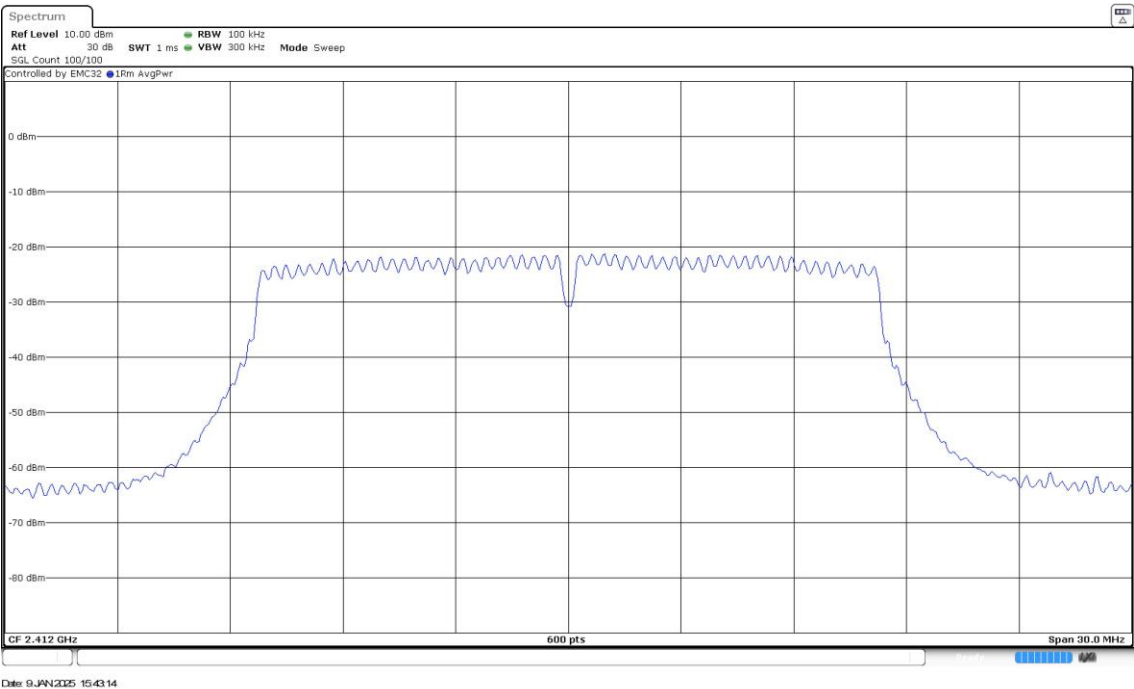
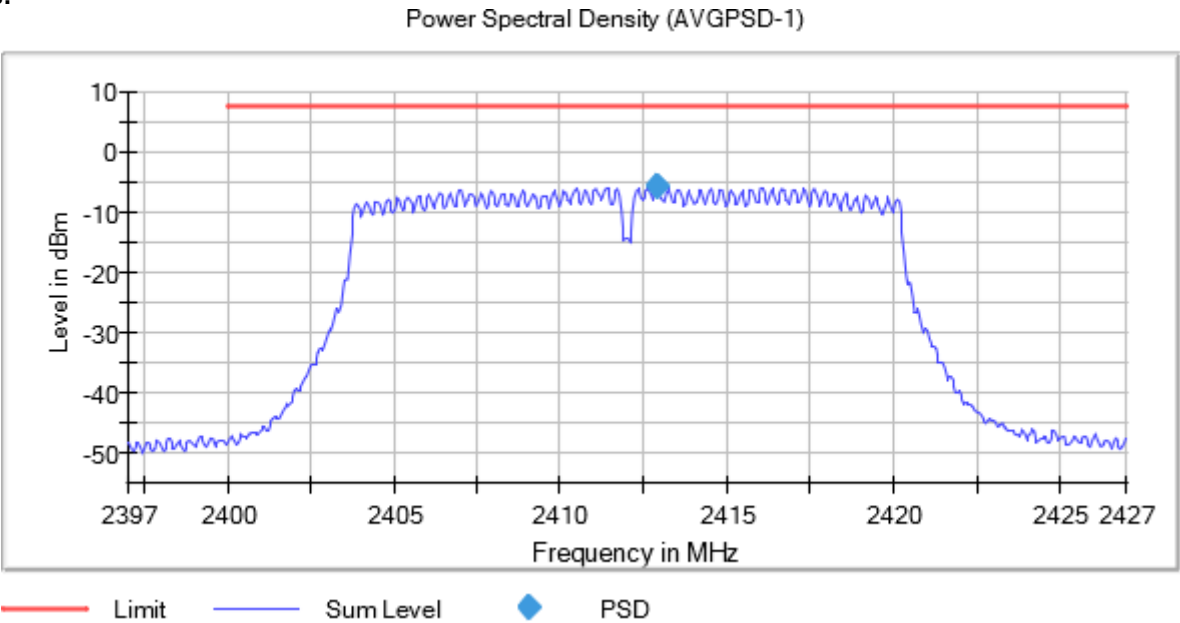
Verdict

Pass

Attachments

Equipment Type = Digital Transmission System (DTS) Bandwidth MHz = 20
Modulation = 802.11g (OFDM 6 Mbit/s) Frequency MHz = 2412.00000
MIMO Mode = SISO Active Port = 1

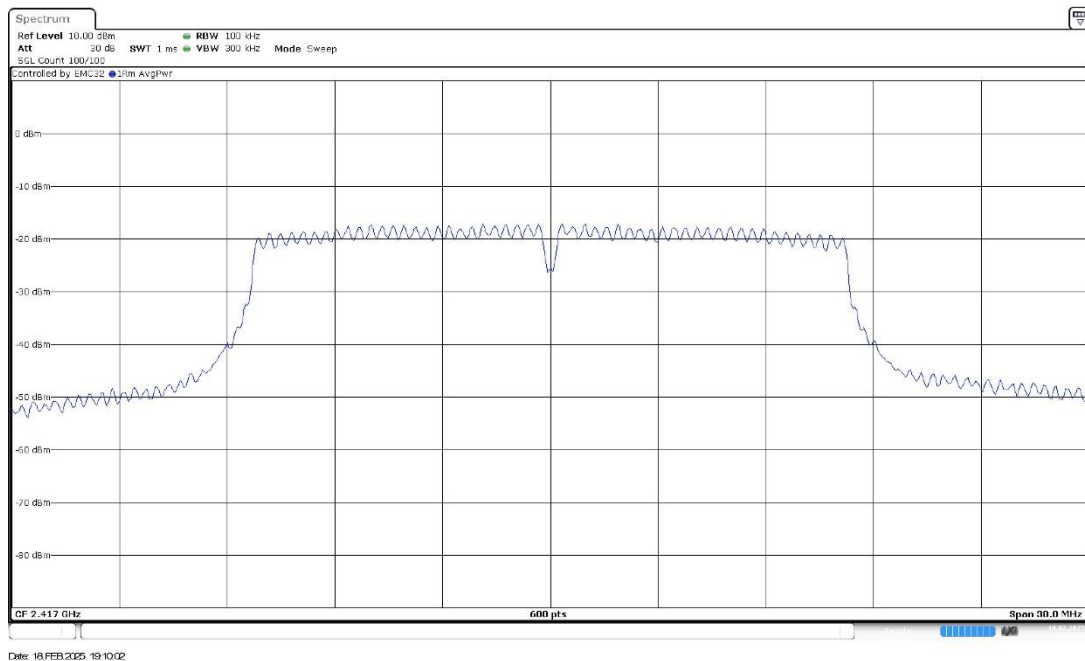
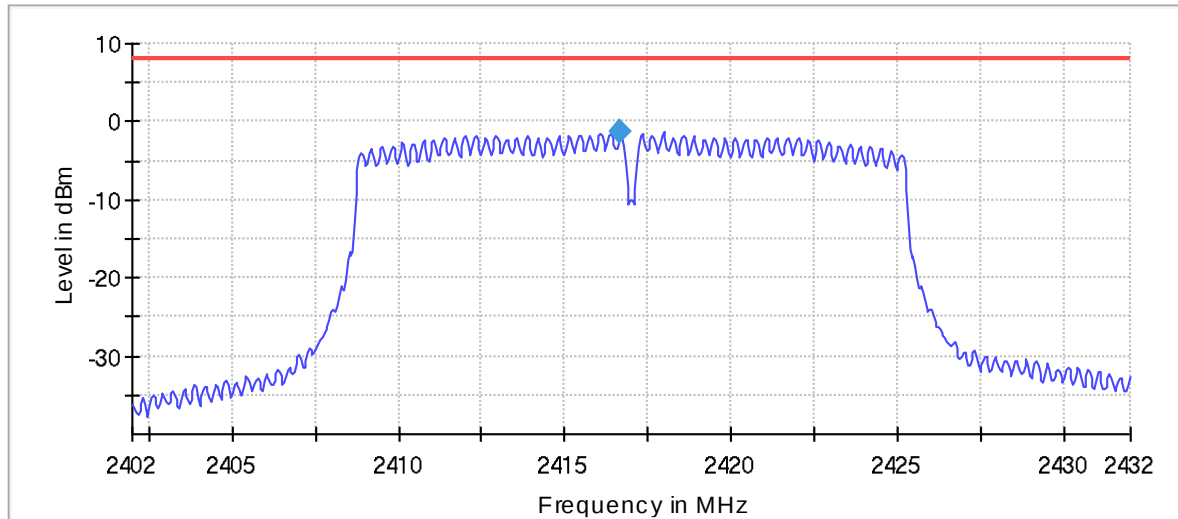
Images:



Equipment Type = Digital Transmission System (DTS) Bandwidth MHz = 20
Modulation = 802.11g (OFDM 6 Mbit/s) Frequency MHz = 2417.00000
MIMO Mode = SISO Active Port = 1

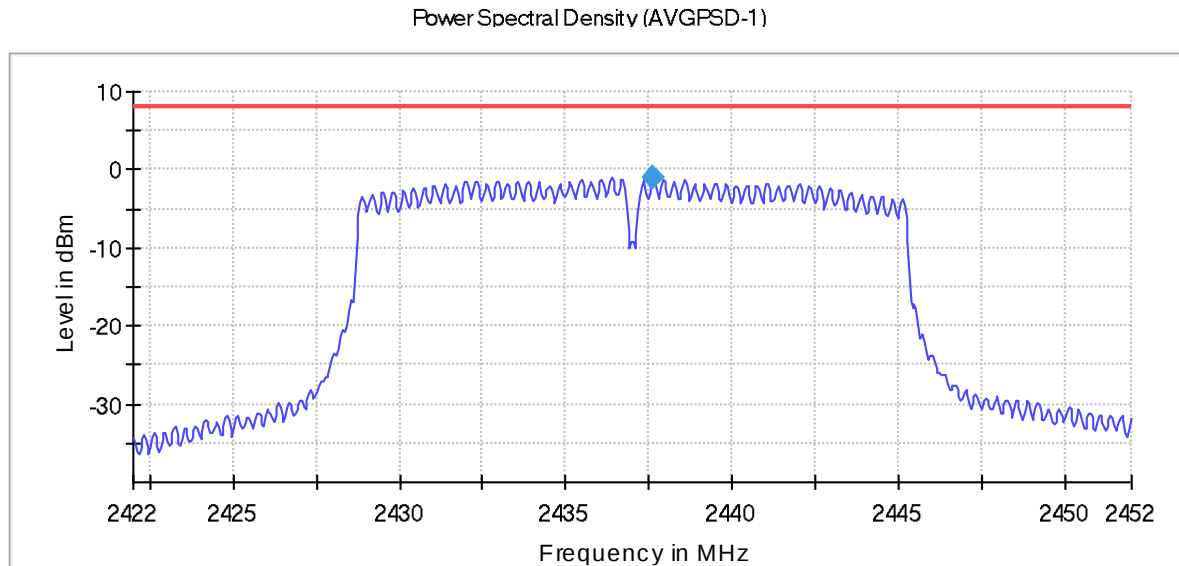
Images:

Power Spectral Density (AVG PSD-1)

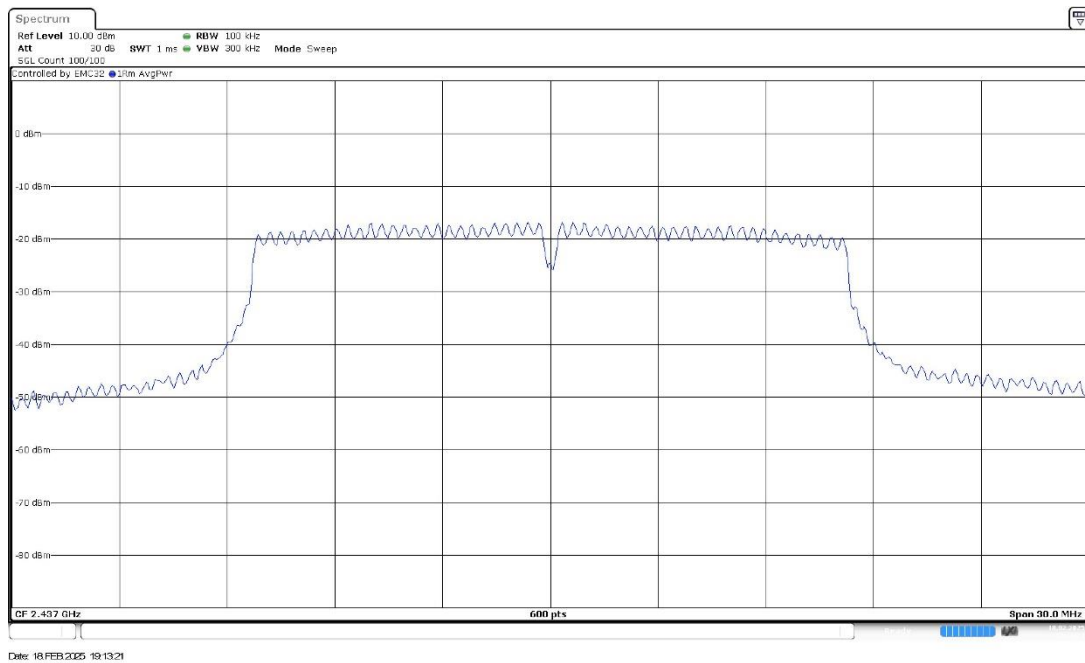


Equipment Type = Digital Transmission System (DTS) Bandwidth MHz = 20
Modulation = 802.11g (OFDM 6 Mbit/s) Frequency MHz = 2437.00000
MIMO Mode = SISO Active Port = 1

Images:



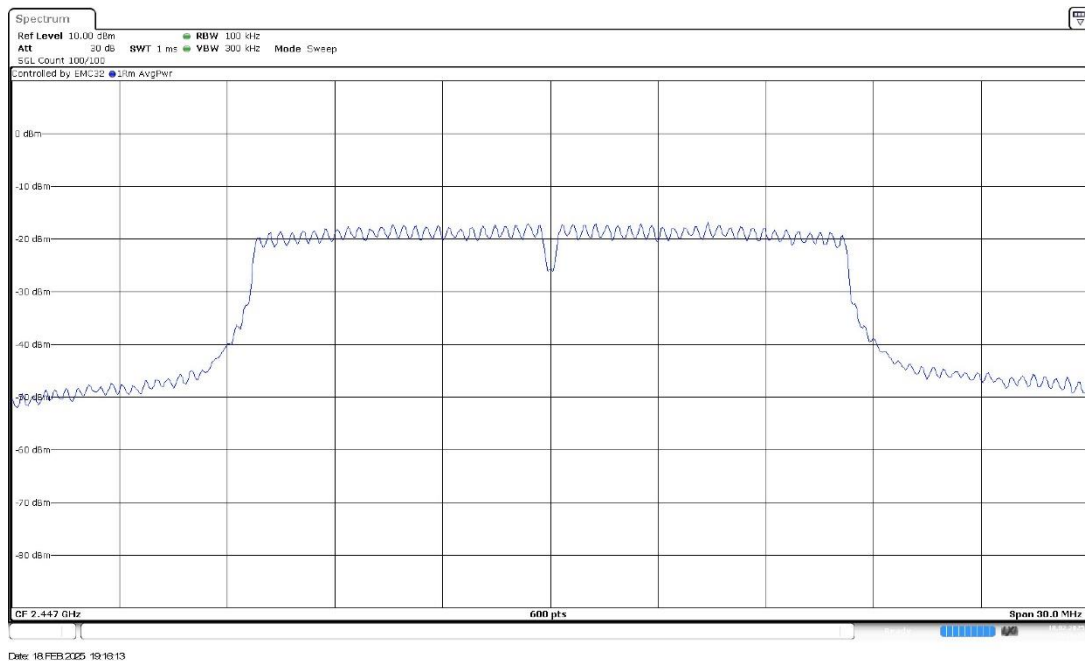
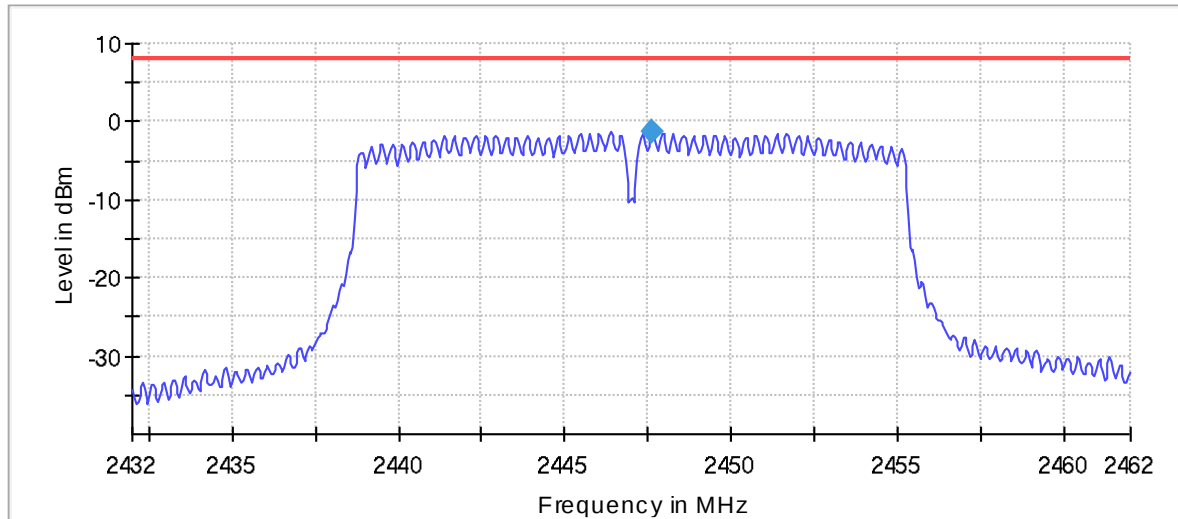
— Limit — Sum Level ◆ PSD



Equipment Type = Digital Transmission System (DTS) Bandwidth MHz = 20
Modulation = 802.11g (OFDM 6 Mbit/s) Frequency MHz = 2447.00000
MIMO Mode = SISO Active Port = 1

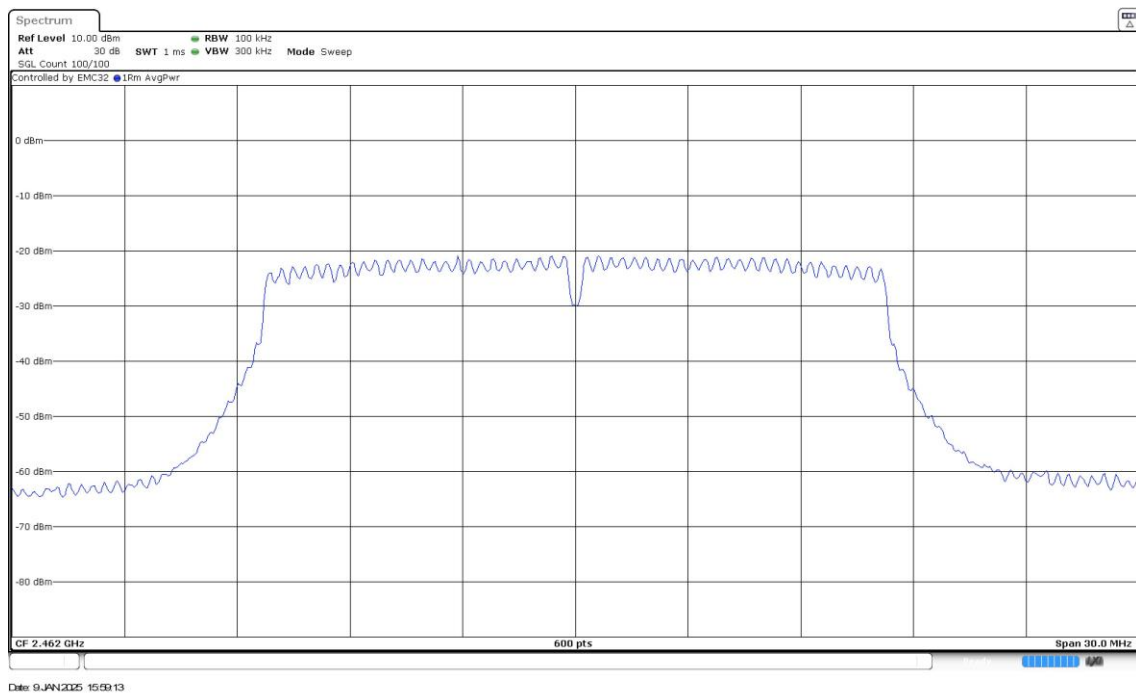
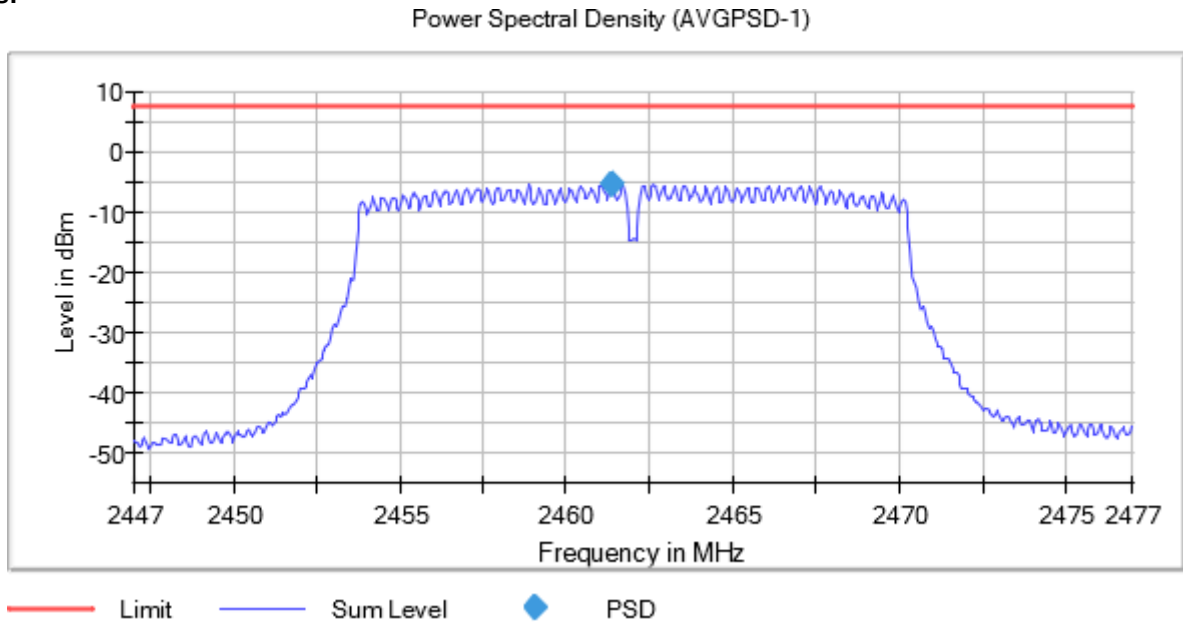
Images:

Power Spectral Density (AVG PSD-1)



Equipment Type = Digital Transmission System (DTS) Bandwidth MHz = 20
Modulation = 802.11g (OFDM 6 Mbit/s) Frequency MHz = 2462.00000
MIMO Mode = SISO Active Port = 1

Images:



Results

Modulation: 802.11n HT20 (OFDM MCS0)

MIMO Mode: SISO

Equipment	BW (MHz)	Freq (MHz)	Port	PSD (dBm)
Digital Transmission System (DTS)	20	2412.00000	1	-6.62
		2417.00000		-2.793
		2437.00000		-2.254
		2447.00000		-2.702
		2462.00000		-6.10

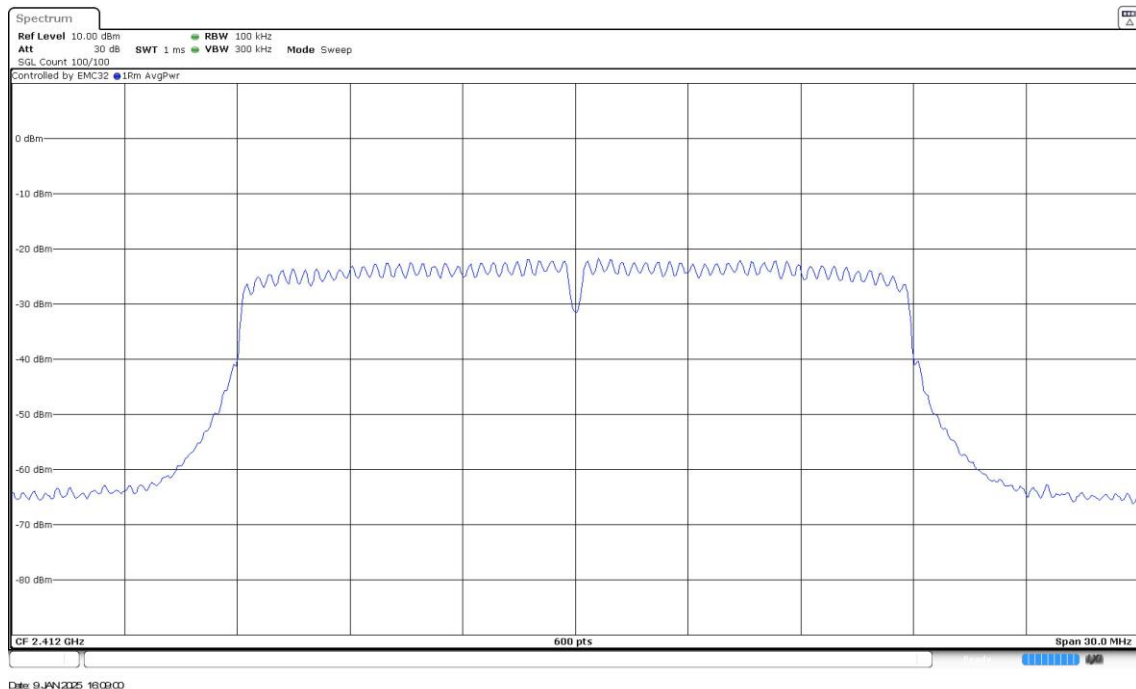
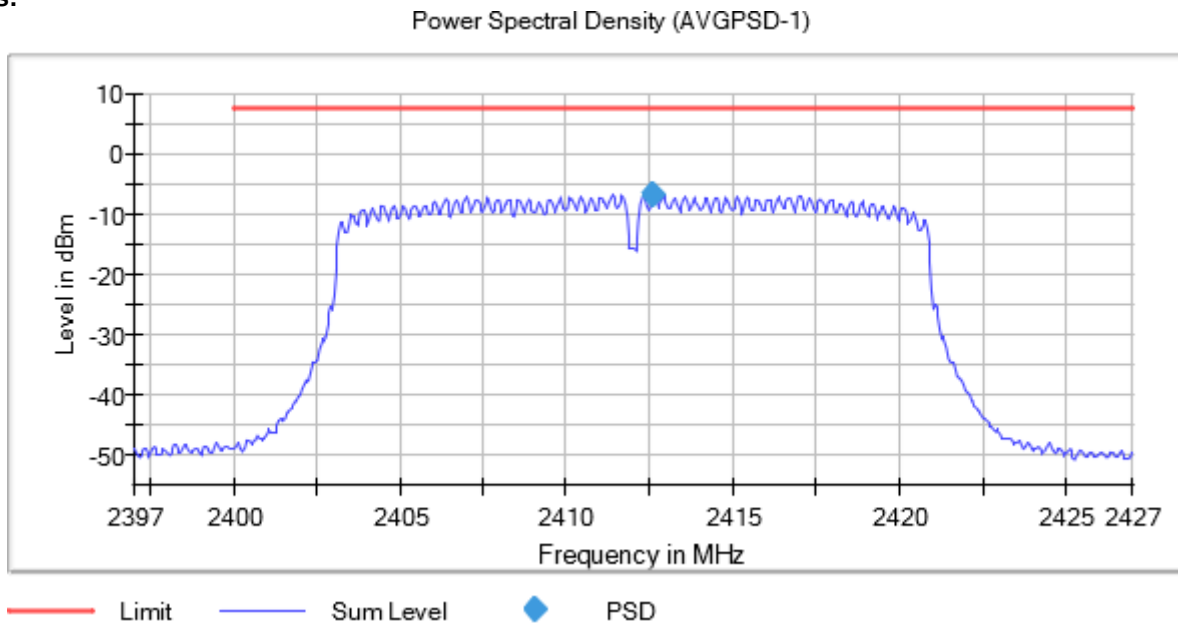
Verdict

Pass

Attachments

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

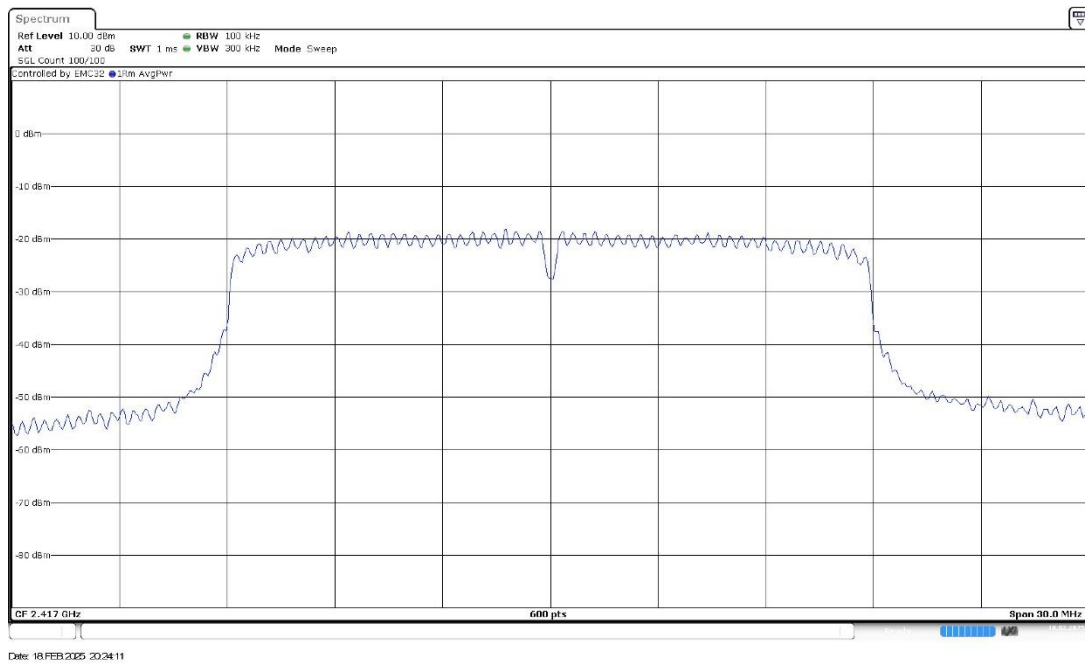
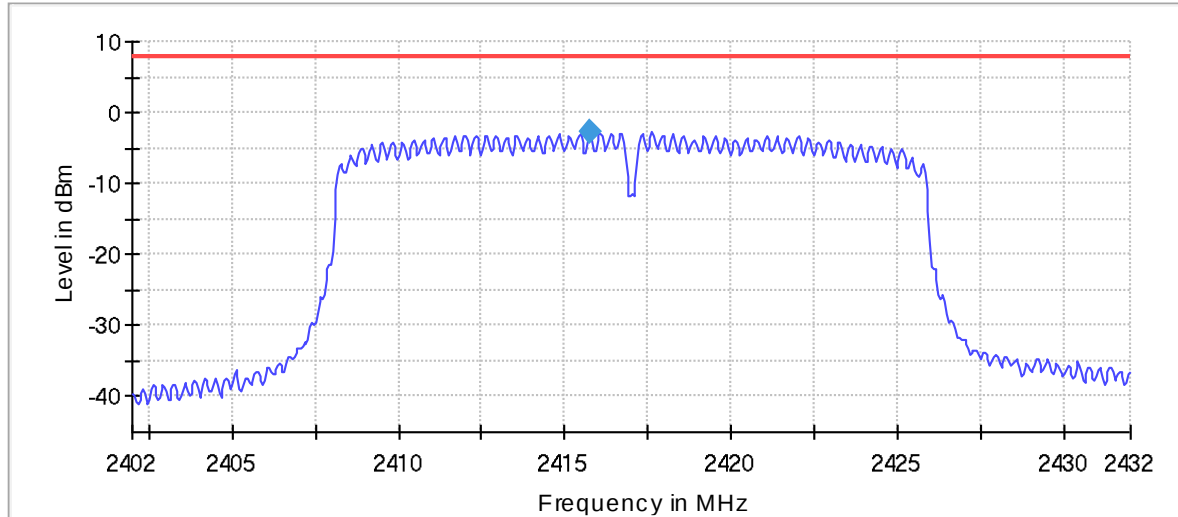
Images:



Equipment Type = Digital Transmission System (DTS) Bandwidth MHz = 20
Modulation = 802.11n HT20 (OFDM MCS0) Frequency MHz = 2417.00000
MIMO Mode = SISO Active Port = 1

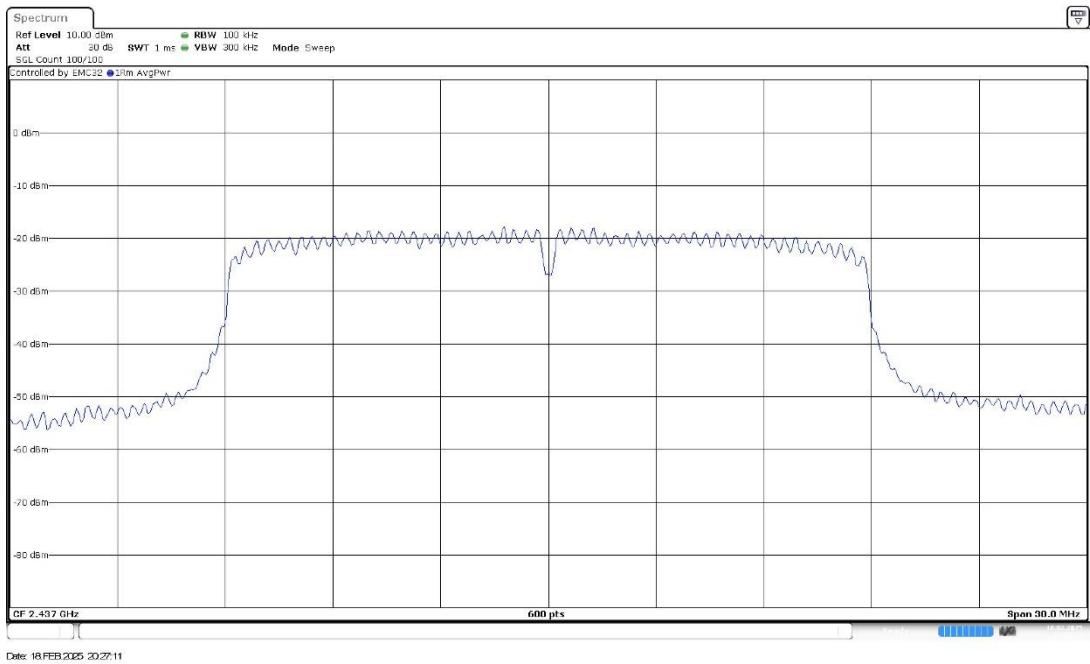
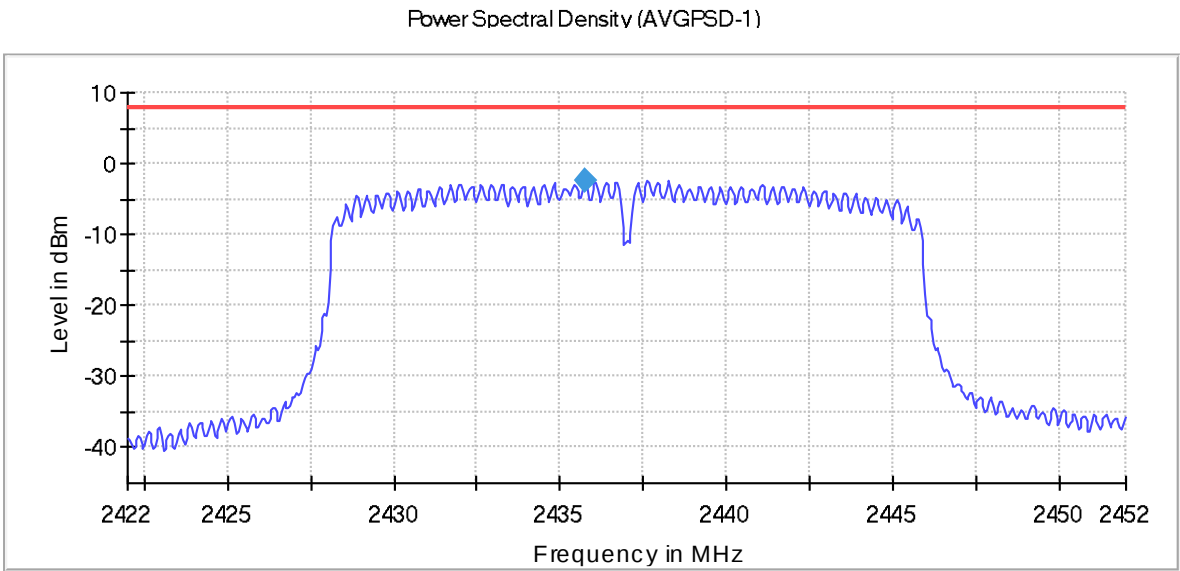
Images:

Power Spectral Density (AVG PSD-1)



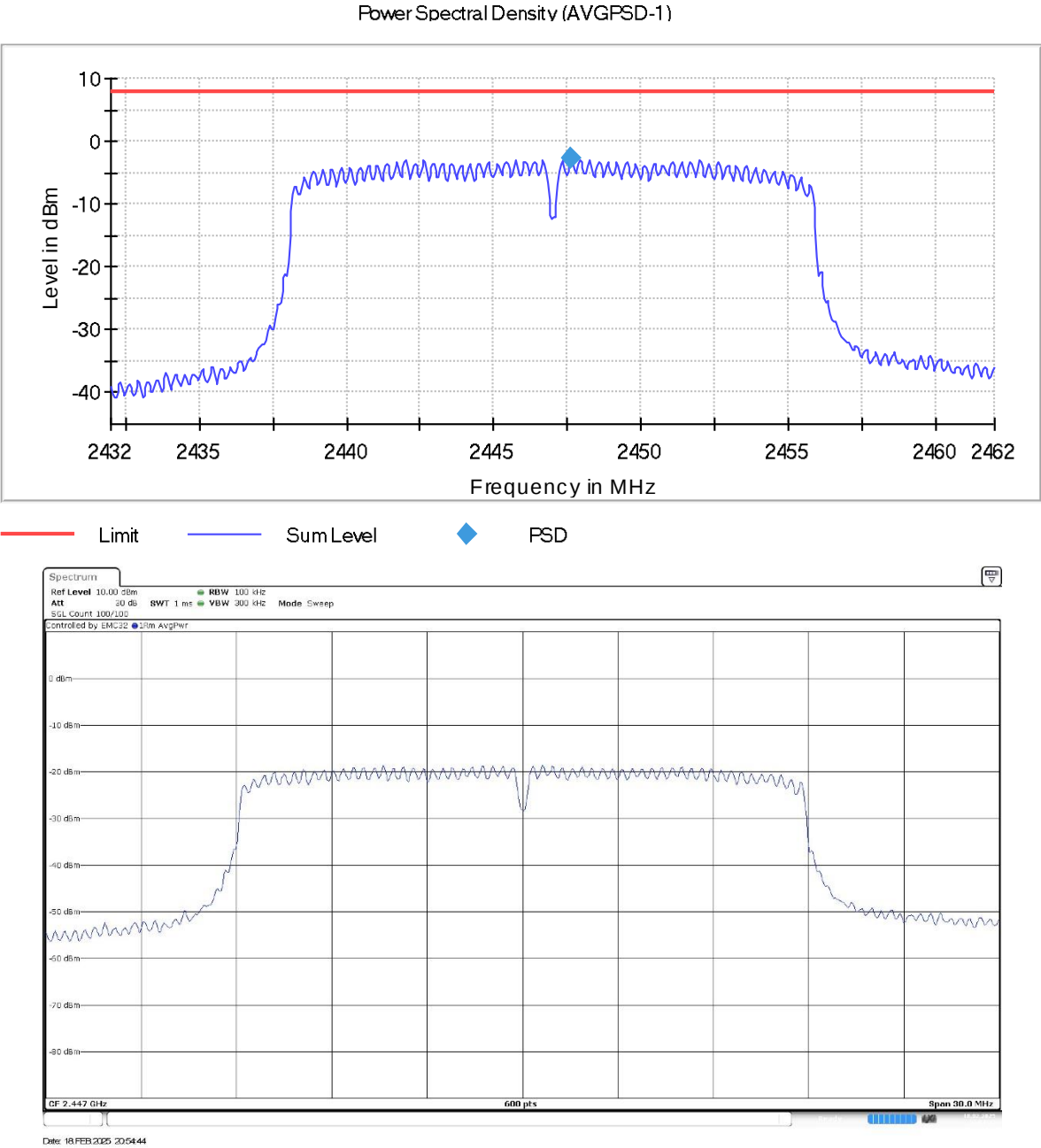
Equipment Type = Digital Transmission System (DTS) Bandwidth MHz = 20
Modulation = 802.11n HT20 (OFDM MCS0) Frequency MHz = 2437.00000
MIMO Mode = SISO Active Port = 1

Images:



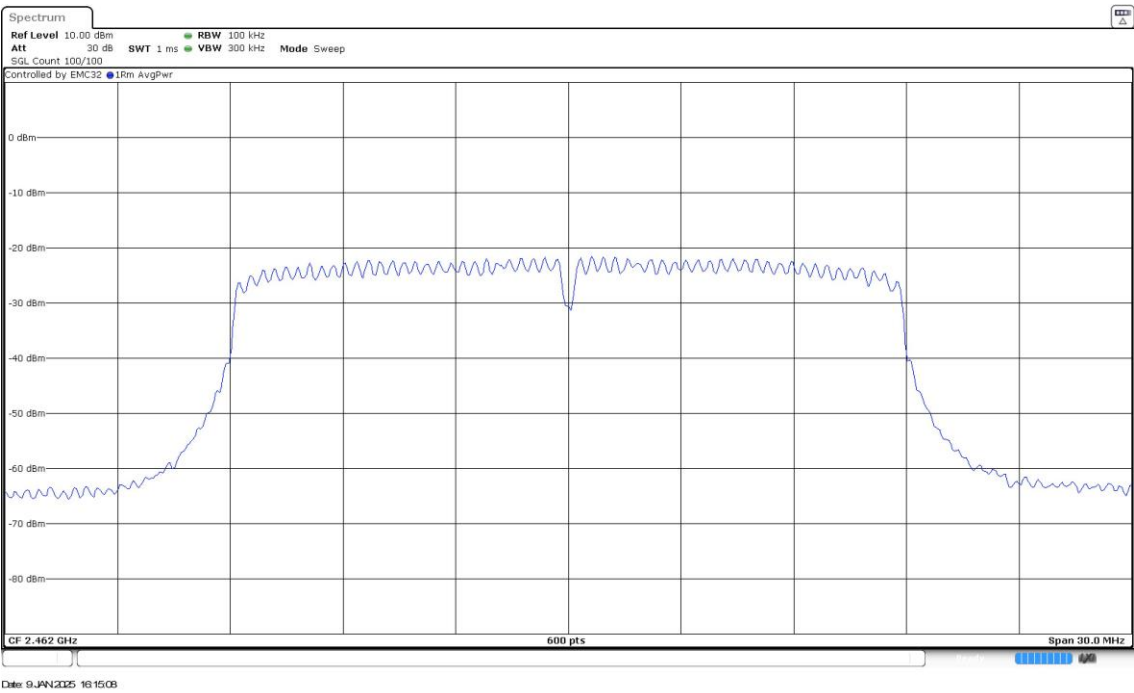
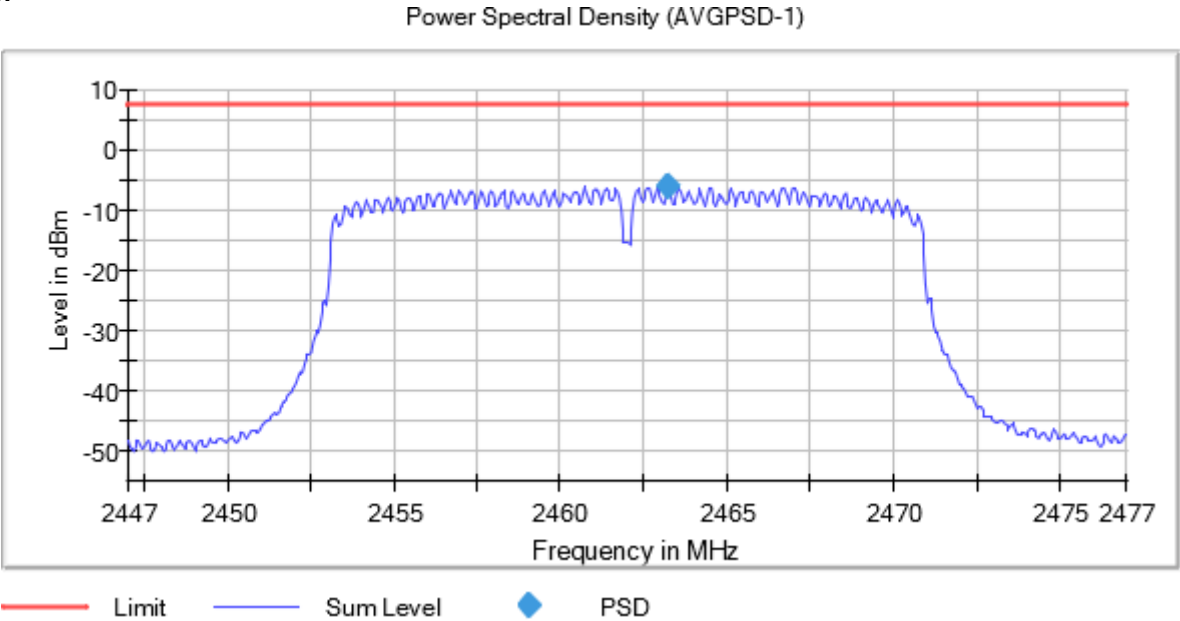
Equipment Type = Digital Transmission System (DTS) Bandwidth MHz = 20
Modulation = 802.11n HT20 (OFDM MCS0) Frequency MHz = 2447.00000
MIMO Mode = SISO Active Port = 1

Images:



Equipment Type = Digital Transmission System (DTS) Bandwidth MHz = 20
Modulation = 802.11n HT20 (OFDM MCS0) Frequency MHz = 2462.00000
MIMO Mode = SISO Active Port = 1

Images:



Results

Modulation: 802.11ax HE20 (OFDMA MCS0) SU

MIMO Mode: SISO

Equipment	BW (MHz)	Freq (MHz)	Port	PSD (dBm)
Digital Transmission System (DTS)	20	2412.00000	1	-5.688
		2417.00000		-4.918
		2437.00000		-4.749
		2457.00000		-3.955
		2462.00000		-4.995

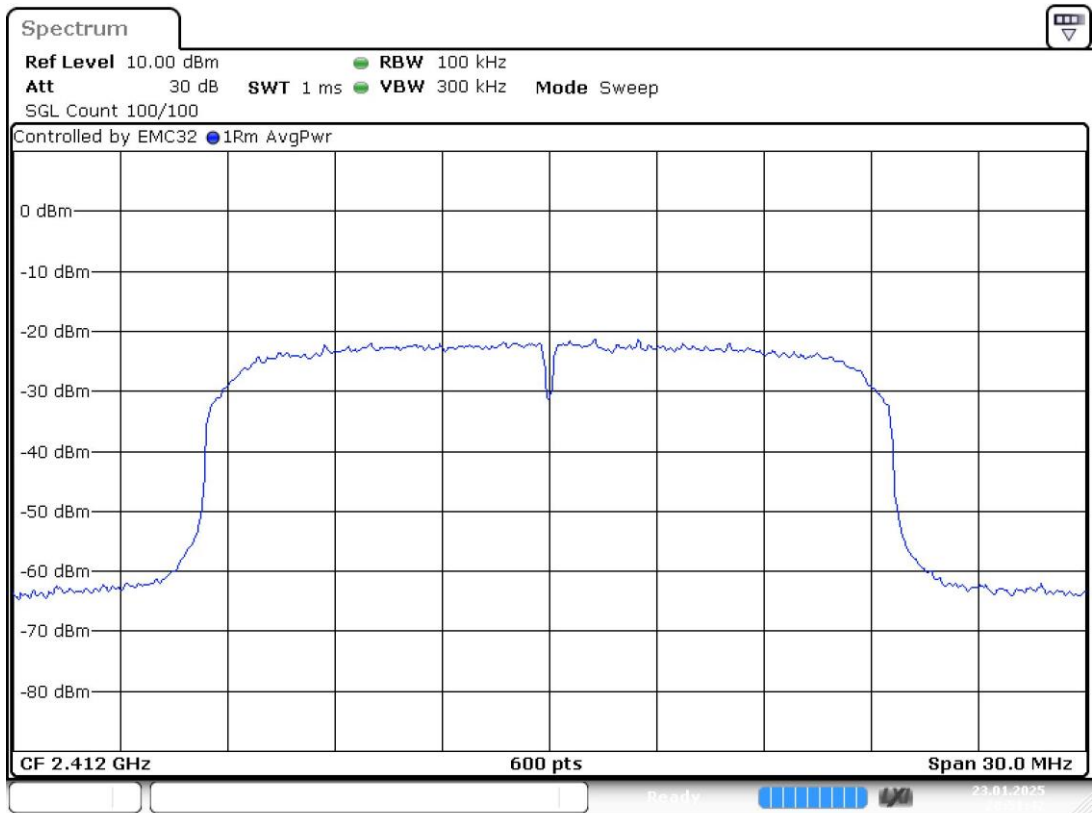
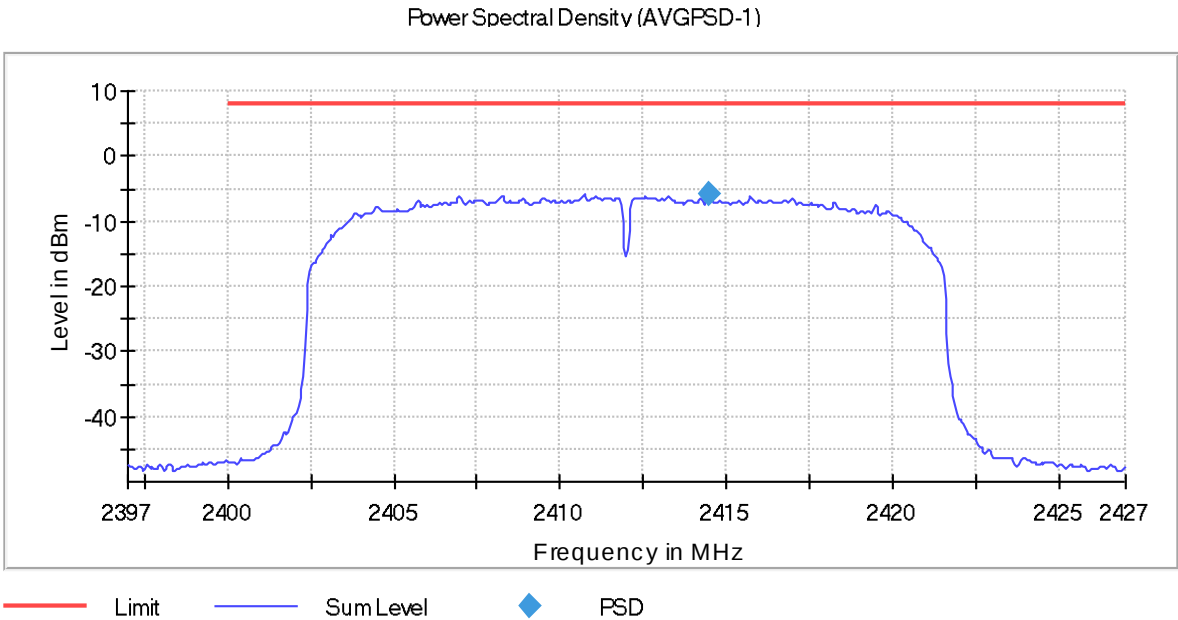
Verdict

Pass

Attachments

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

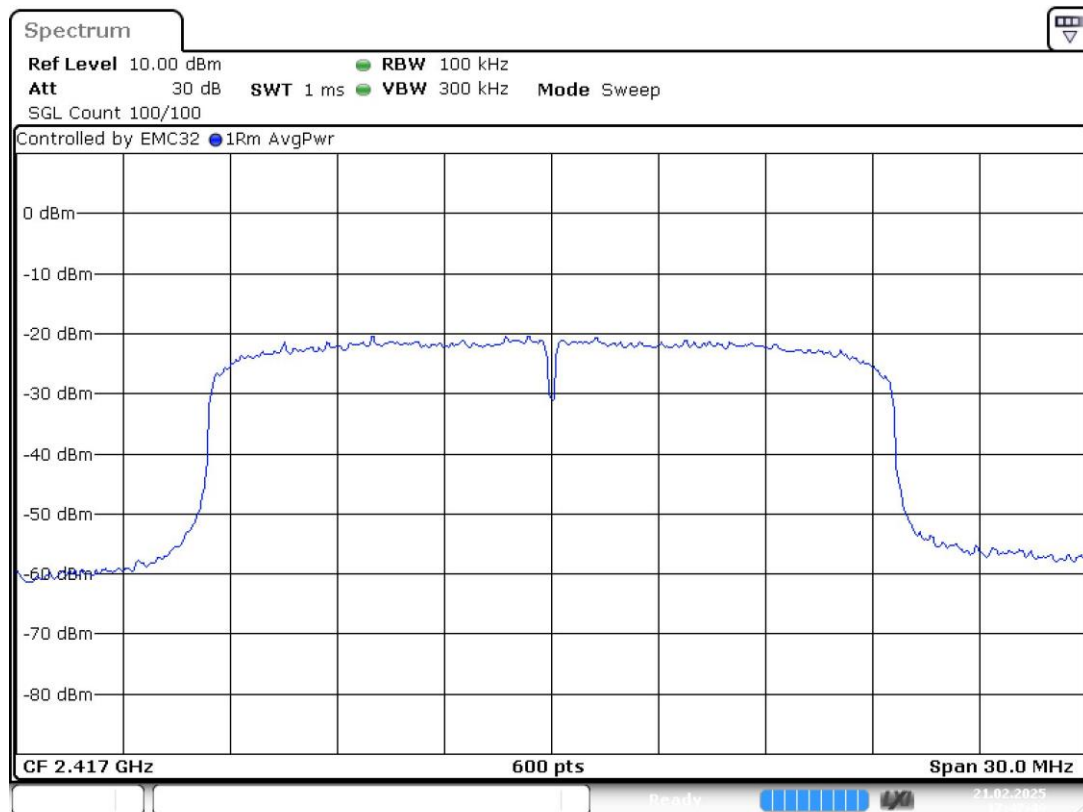
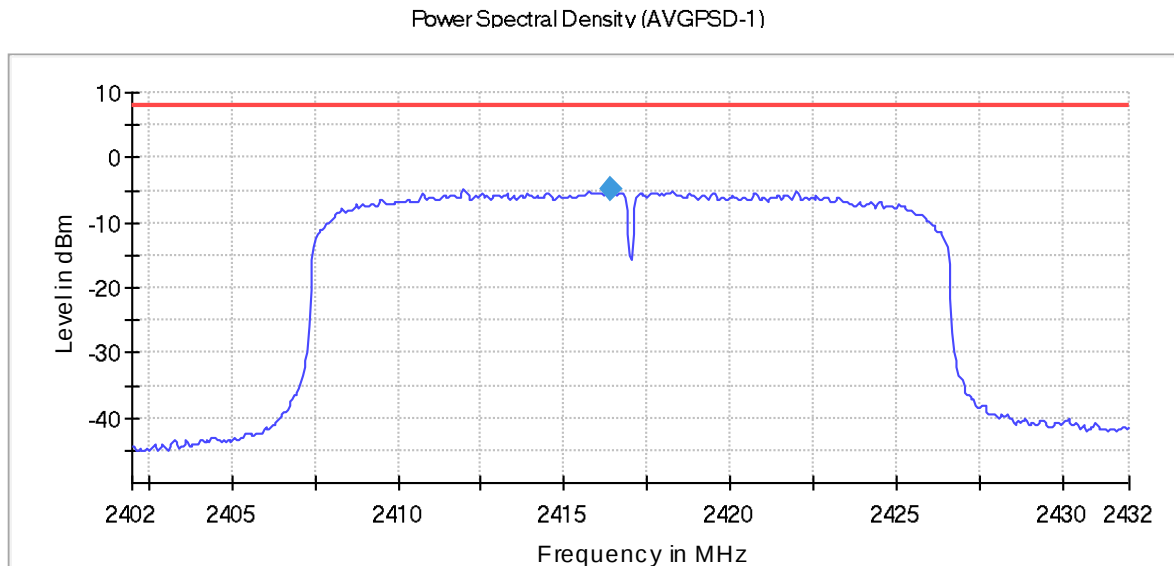
Images:



Date: 23. JAN.2025 20:51:43

Equipment Type = Digital Transmission System (DTS) Bandwidth MHz = 20
Modulation = 802.11ax HE20 (OFDMA MCS0) SU Frequency MHz = 2417.00000
MIMO Mode = SISO Active Port = 1

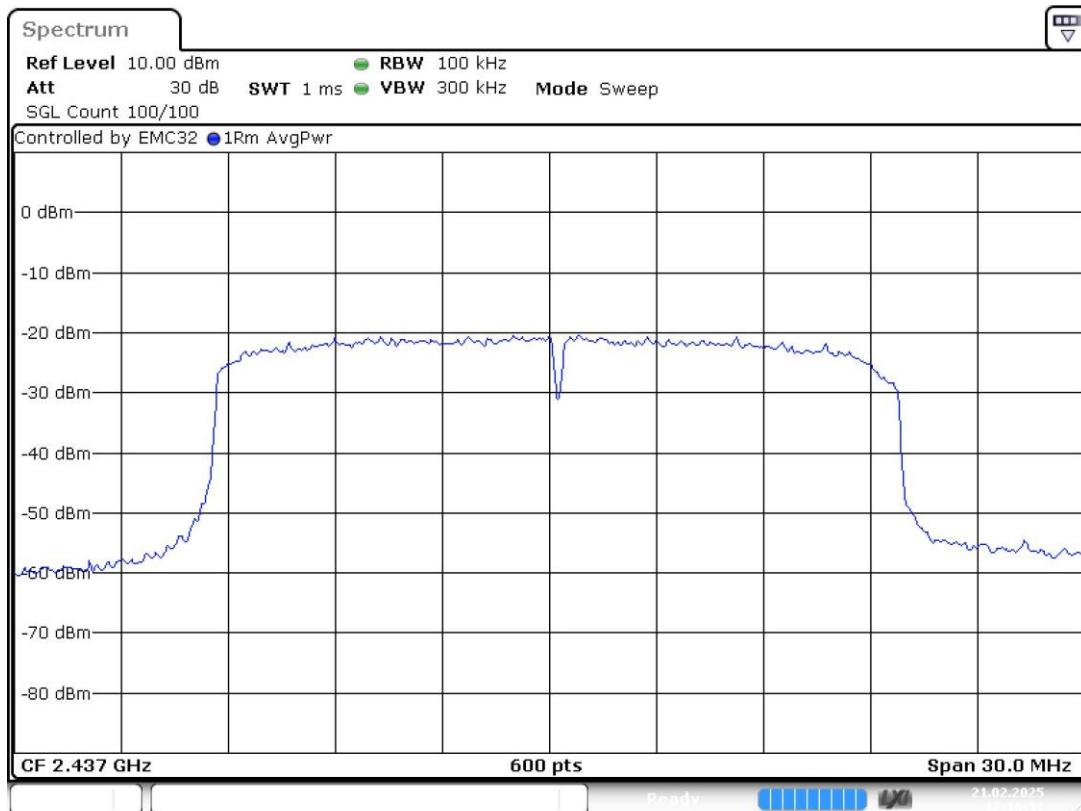
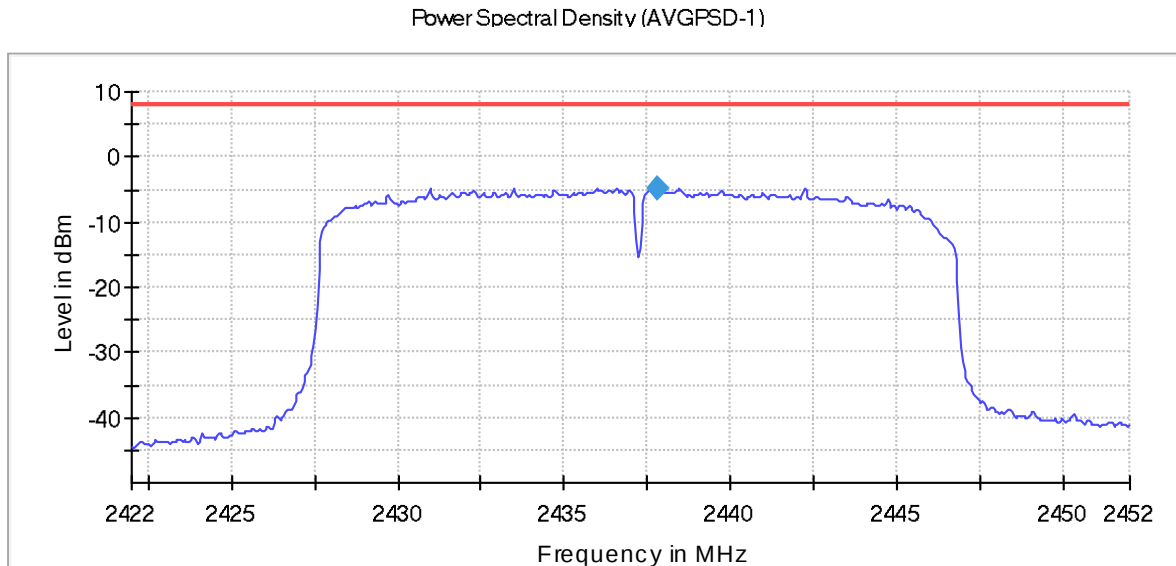
Images:



Date: 21.FEB.2025 17:47:49

Equipment Type = Digital Transmission System (DTS) Bandwidth MHz = 20
Modulation = 802.11ax HE20 (OFDMA MCS0) SU Frequency MHz = 2437.00000
MIMO Mode = SISO Active Port = 1

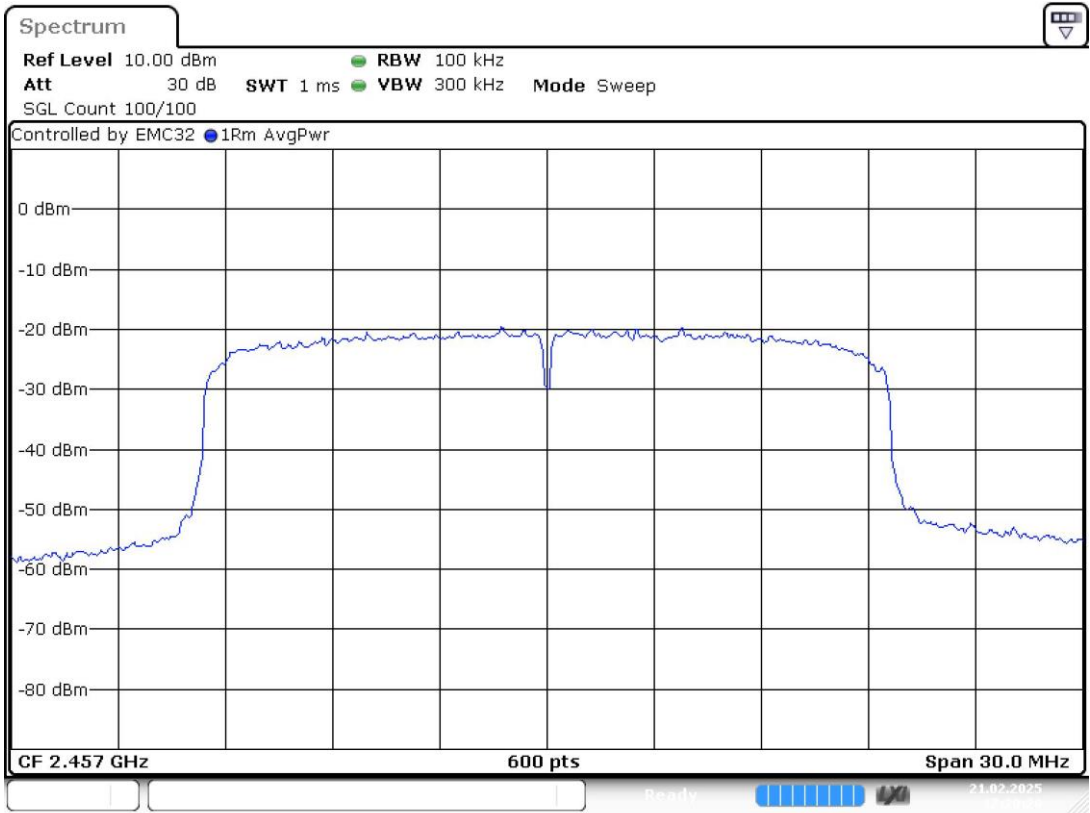
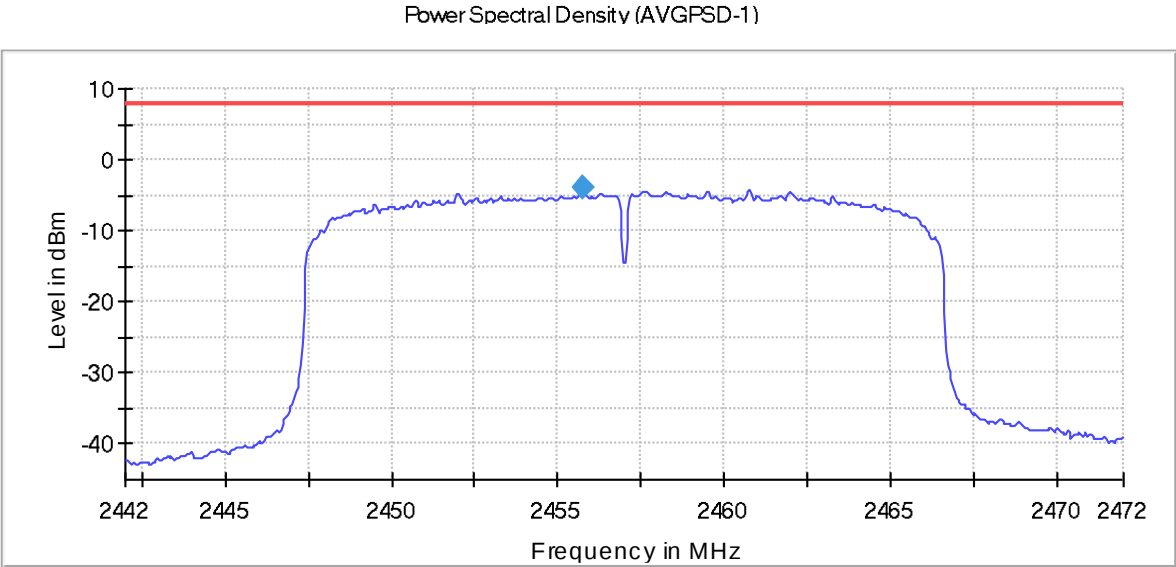
Images:



Date: 21.FEB.2025 17:16:32

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

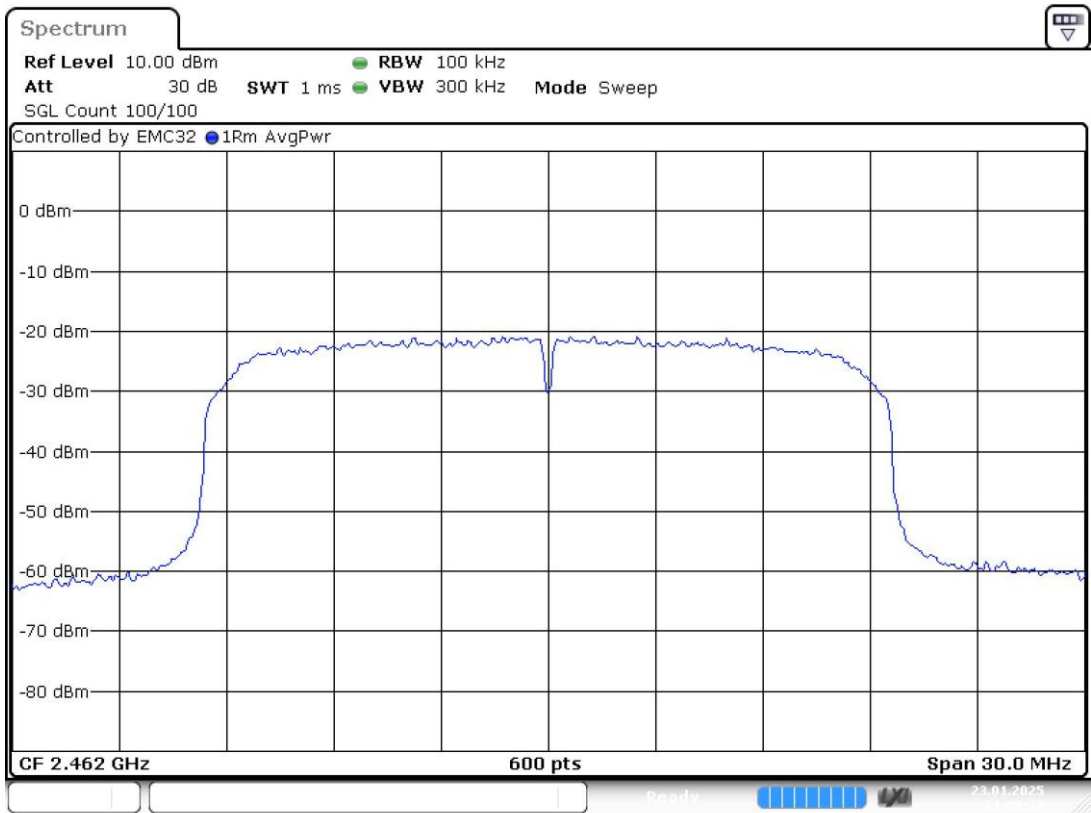
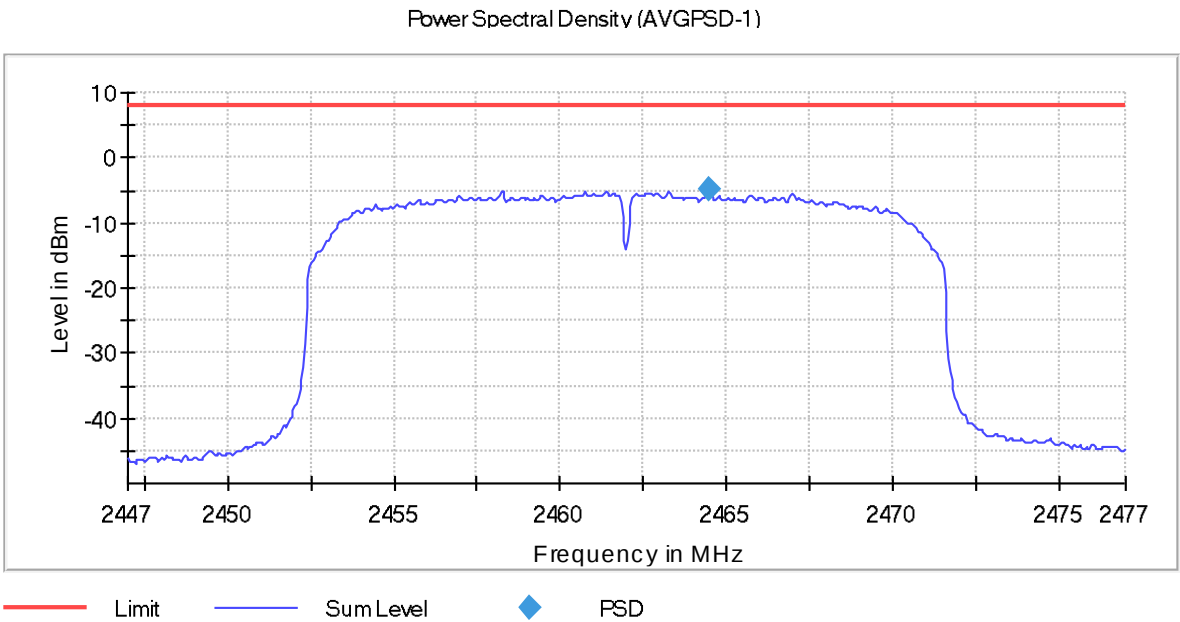
Images:



Date: 21.FEB.2025 17:20:21

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

Images:



Date: 23.JAN.2025 21:00:27

Results

Modulation: 802.11ax HE20 (OFDMA MCS0) RU26 (Worst offset according to preliminary PSD testing)
MIMO Mode: SISO

Equipment	BW (MHz)	Freq (MHz)	Port	PSD (dBm)
Digital Transmission System (DTS)	20	2412.00000	1	2.499
		2437.00000		4.533
		2457.00000		3.445
		2462.00000		1.862

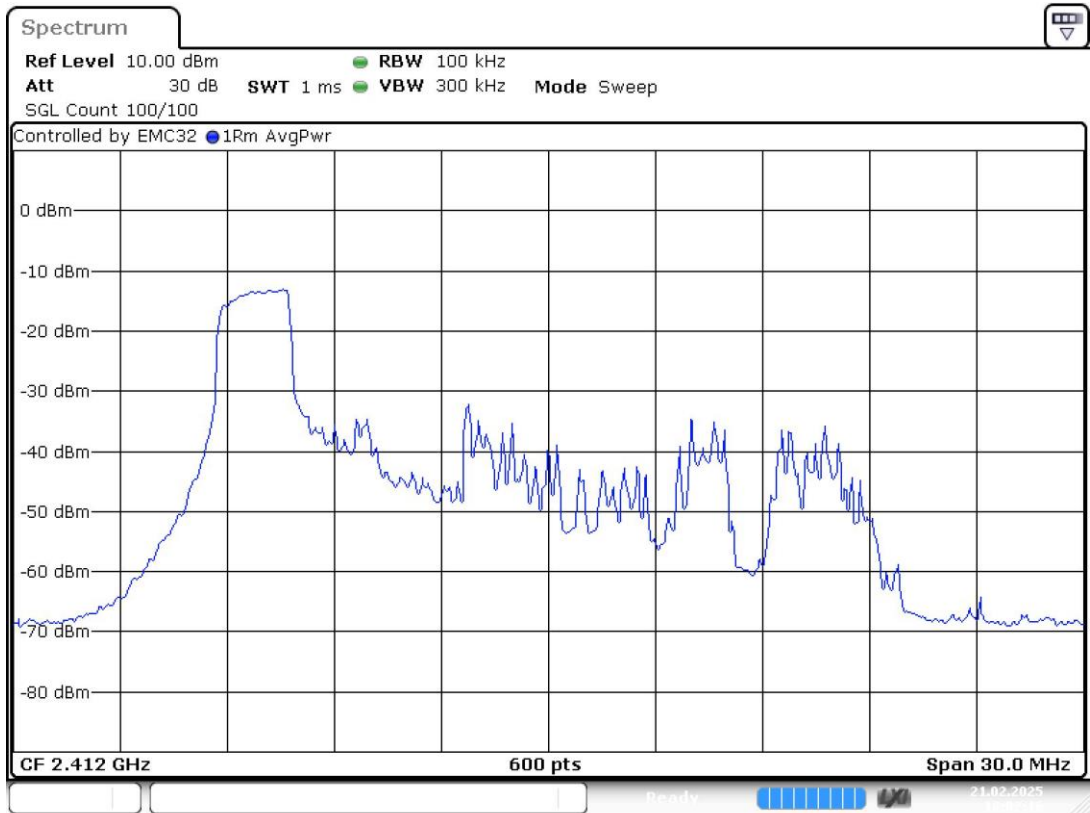
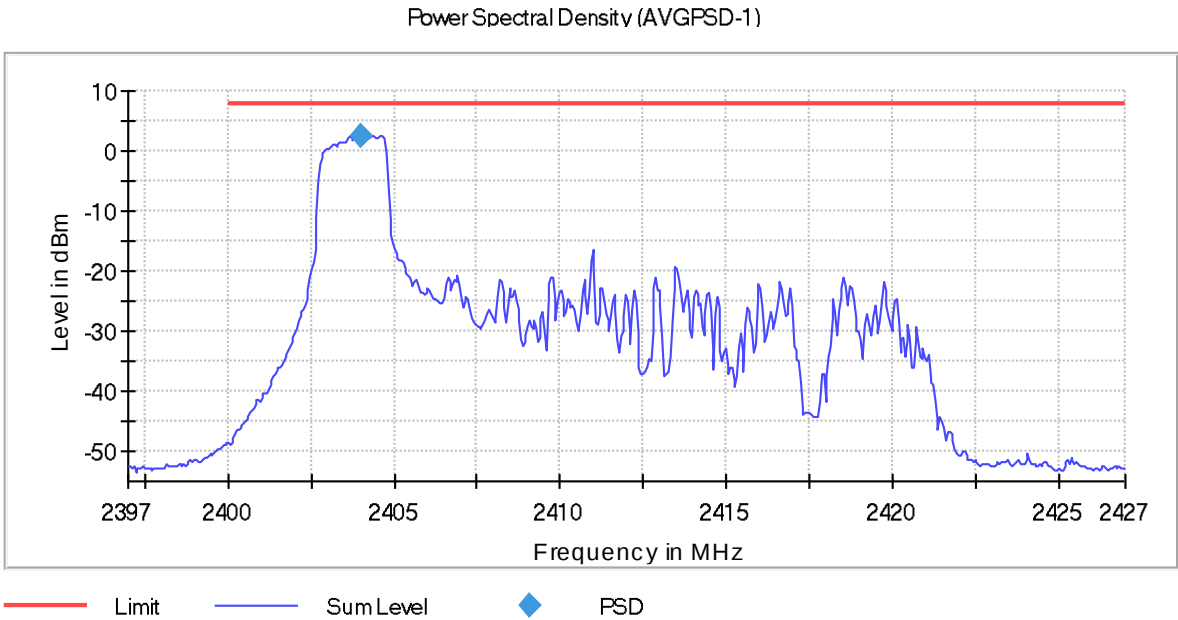
Verdict

Pass

Attachments

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

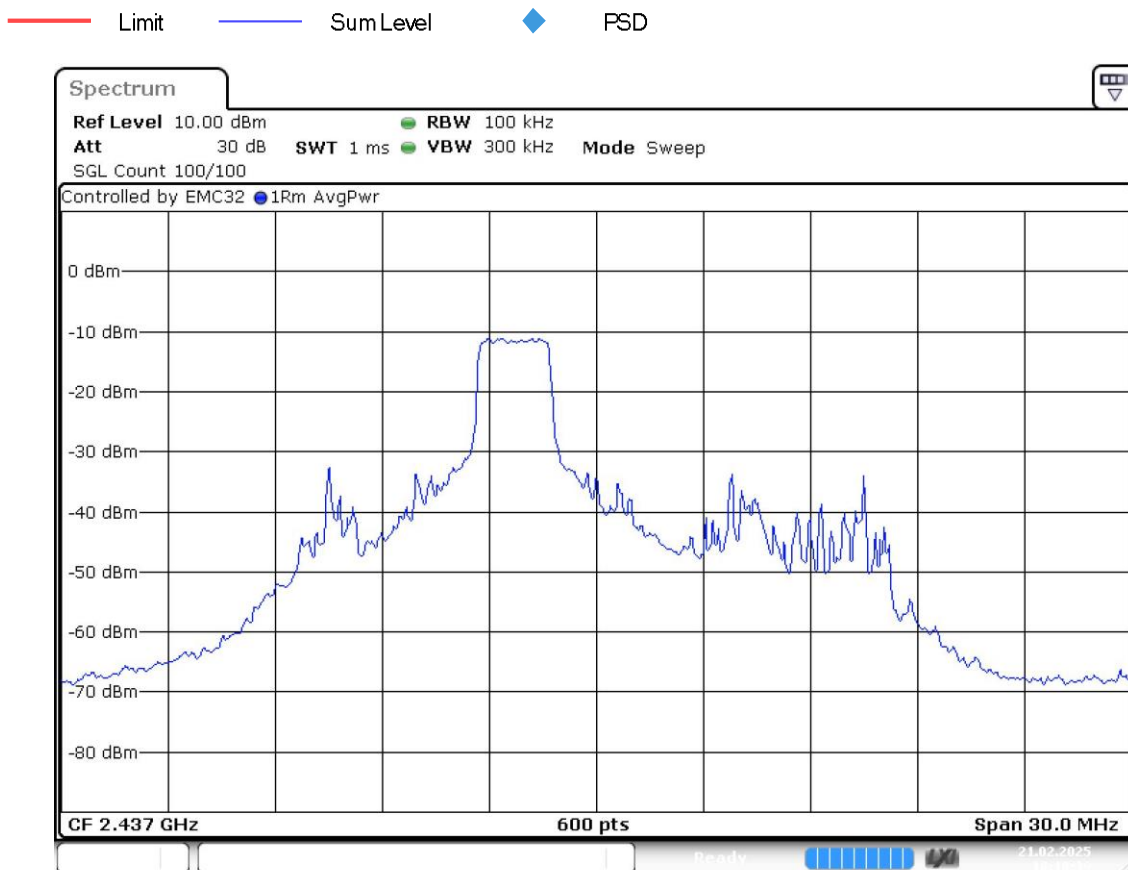
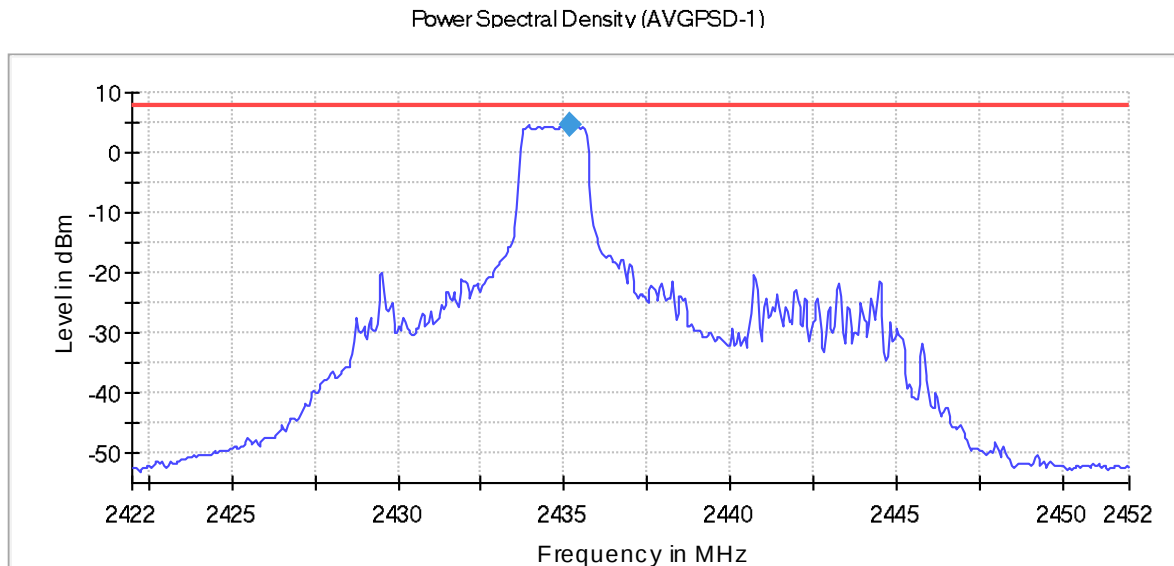
Images:



Date: 21.FEB.2025 18:02:16

Equipment Type = Digital Transmission System (DTS) Bandwidth MHz = 20
Modulation = 802.11ax HE20 (OFDMA MCS0) RU 26 Frequency MHz = 2437.00000
MIMO Mode = SISO Active Port = 1

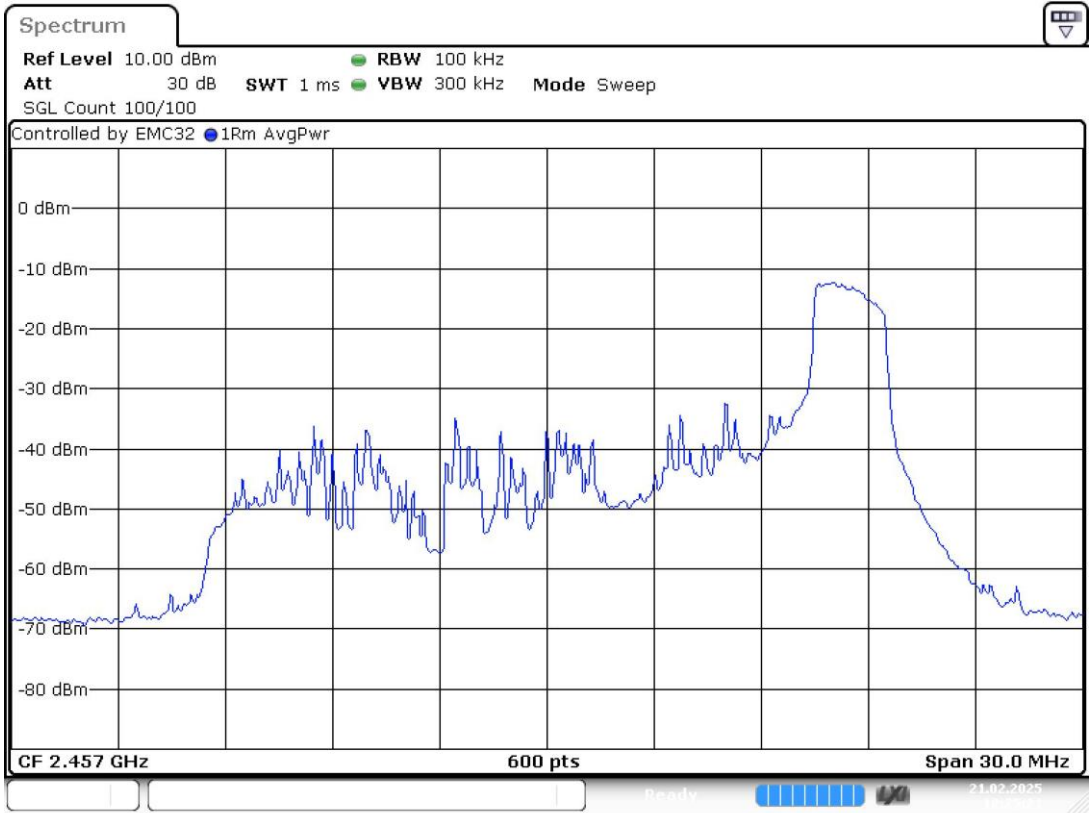
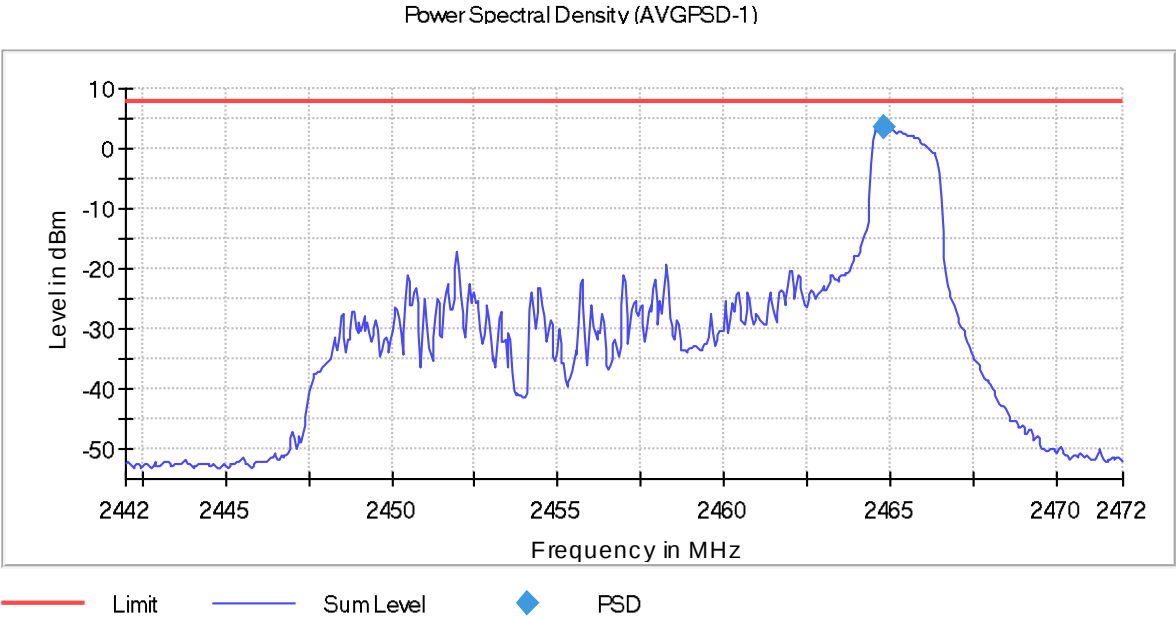
Images:



Date: 21.FEB.2025 18:18:40

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

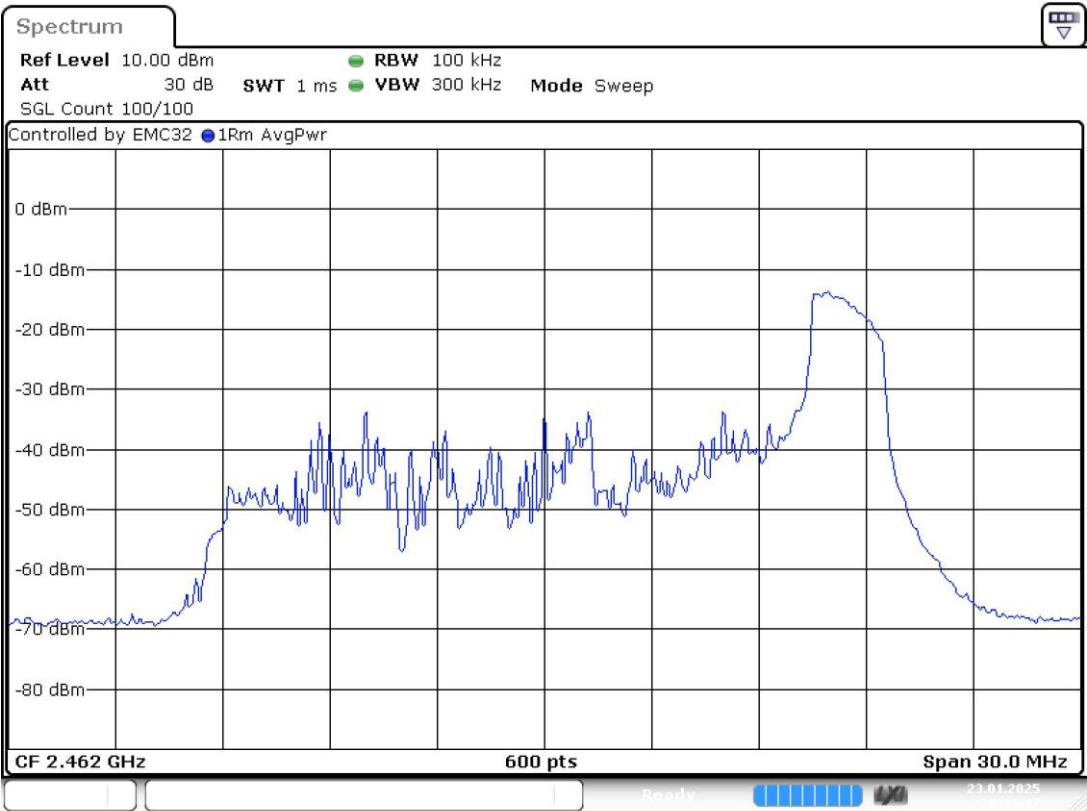
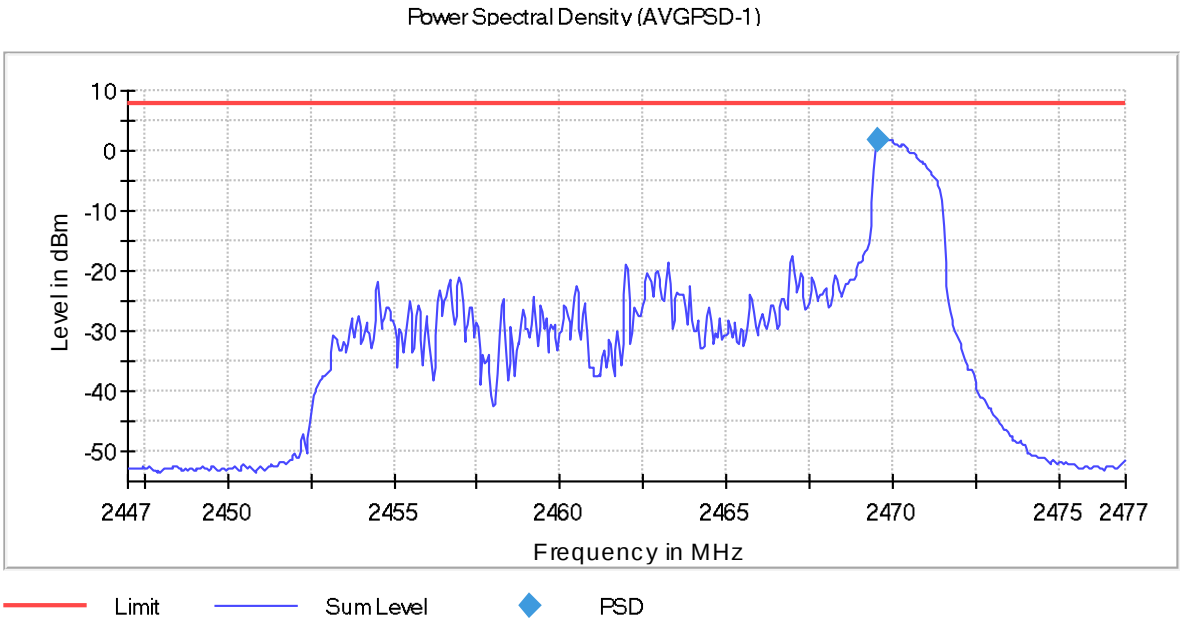
Images:



Date: 21.FEB.2025 18:25:21

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

Images:



Date: 23.JAN.2025 20:43:47

Results

Modulation: 802.11n HT40 (OFDM MCS0)

MIMO Mode: SISO

Equipment	BW (MHz)	Freq (MHz)	Port	PSD (dBm)
Digital Transmission System (DTS)	40	2422.00000	1	-8.18
		2432.00000		-6.511
		2437.00000		-6.163
		2452.00000		-7.74

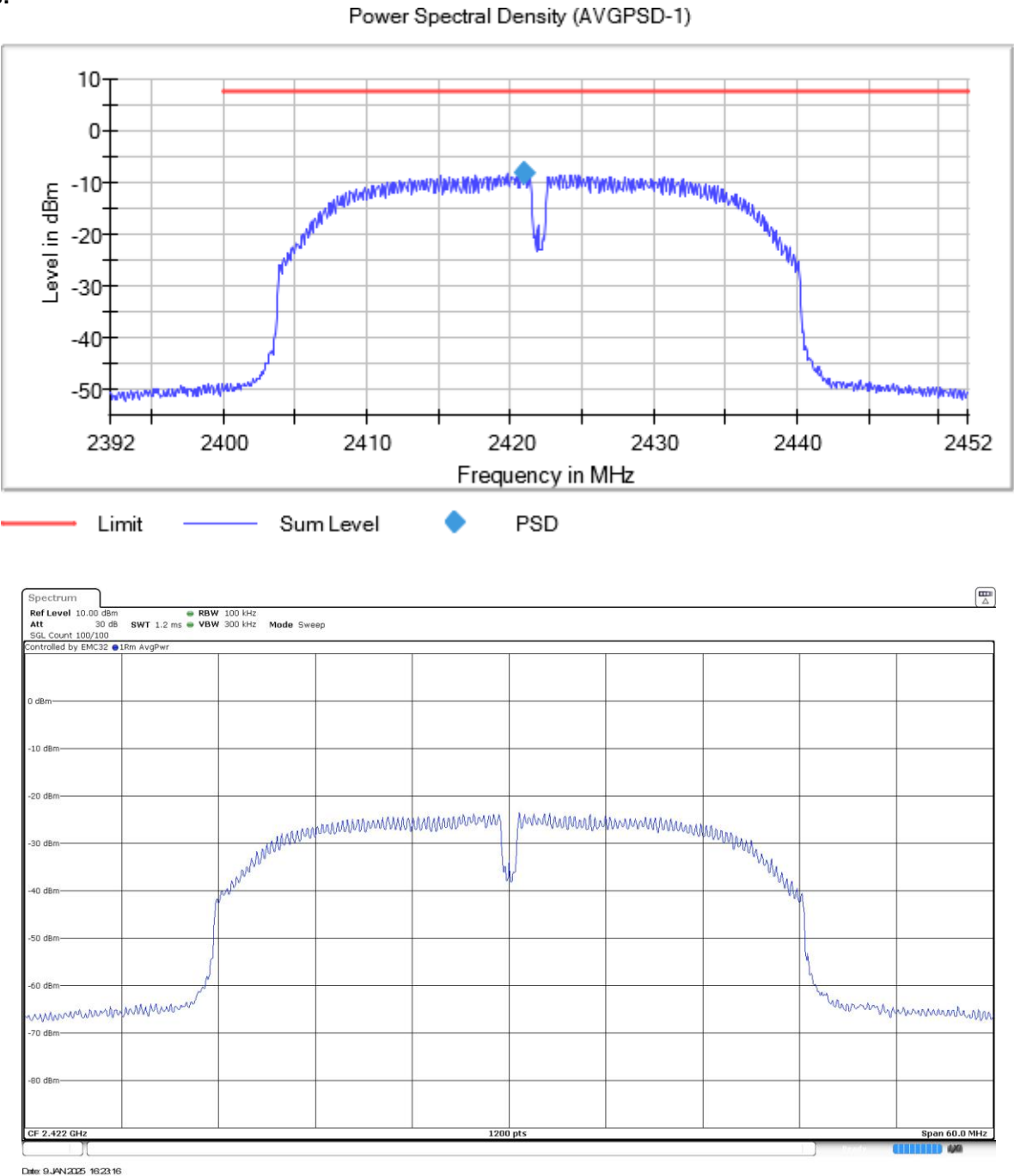
Verdict

Pass

Attachments

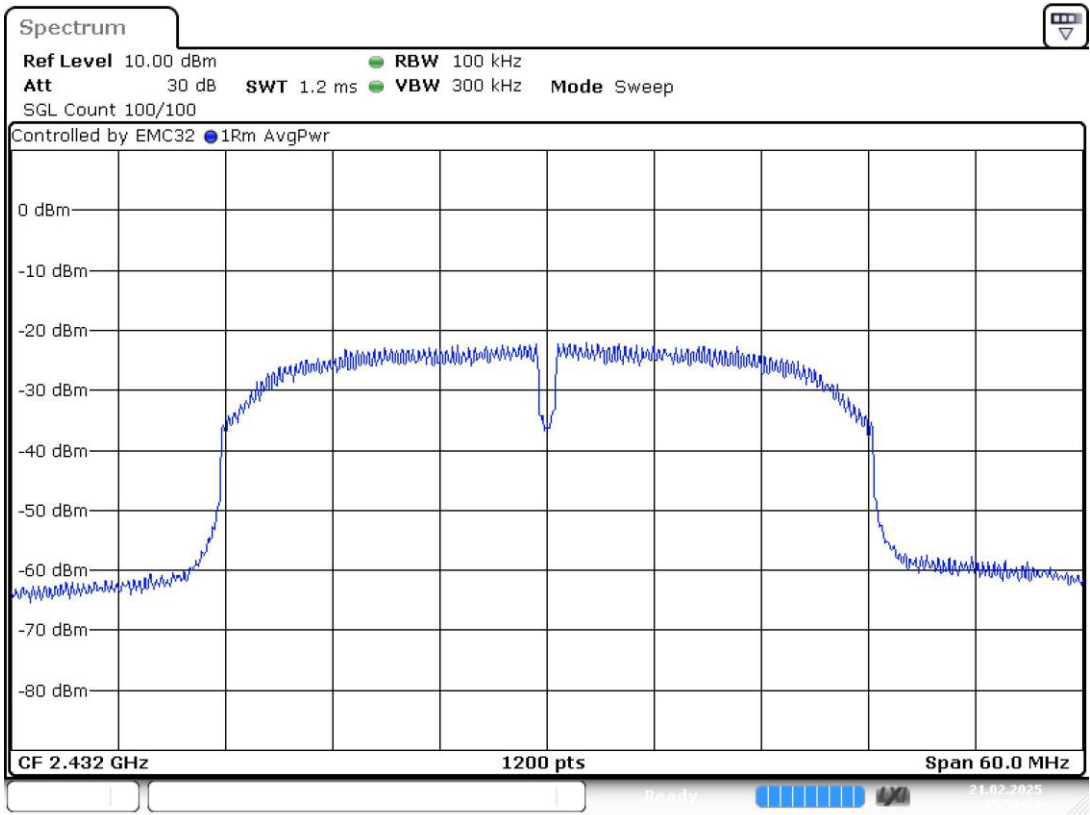
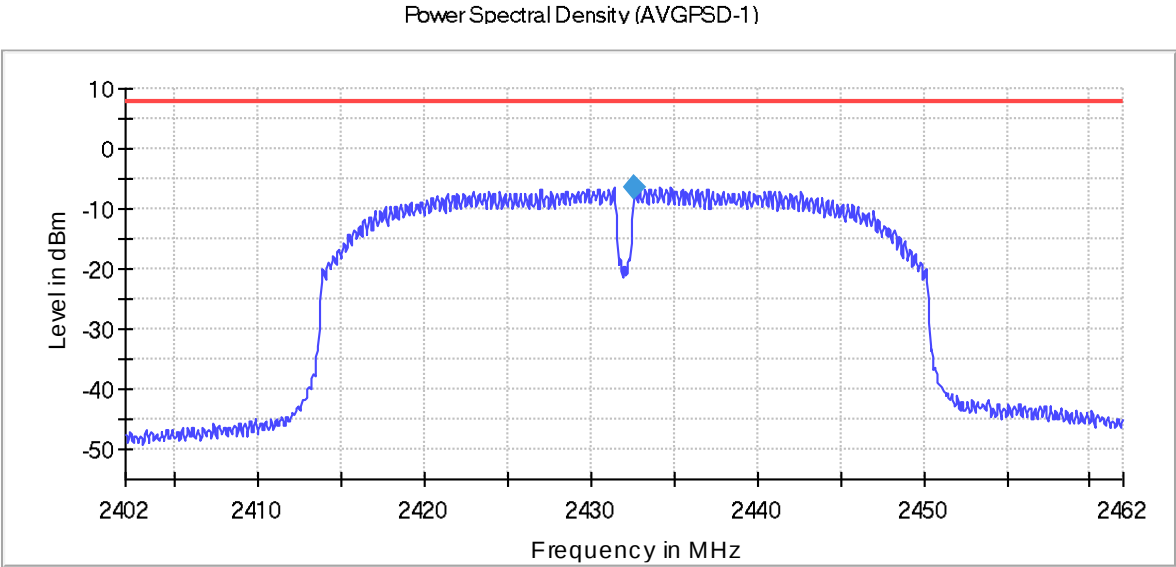
Equipment Type = Digital Transmission System (DTS) Bandwidth MHz = 40
Modulation = 802.11n HT40 (OFDM MCS0) Frequency MHz = 2422.00000
MIMO Mode = SISO Active Port = 1

Images:



Equipment Type = Digital Transmission System (DTS) Bandwidth MHz = 40
Modulation = 802.11n HT40 (OFDM MCS0) Frequency MHz = 2432.00000
MIMO Mode = SISO Active Port = 1

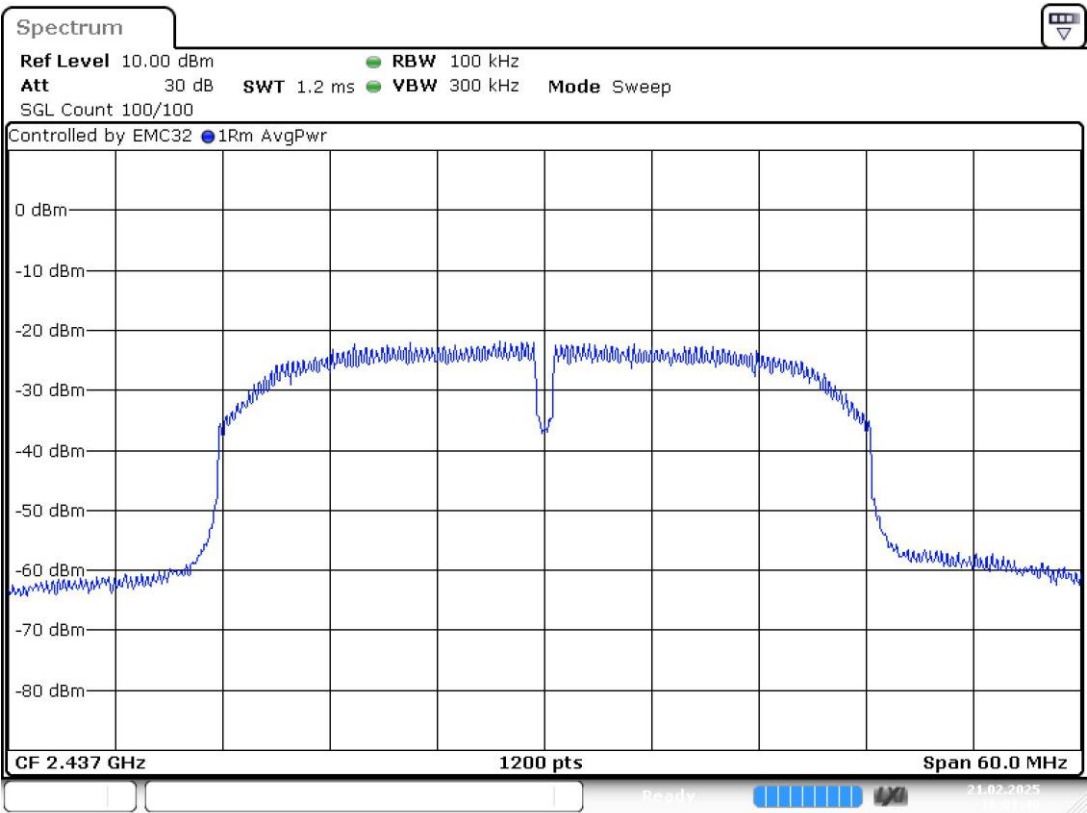
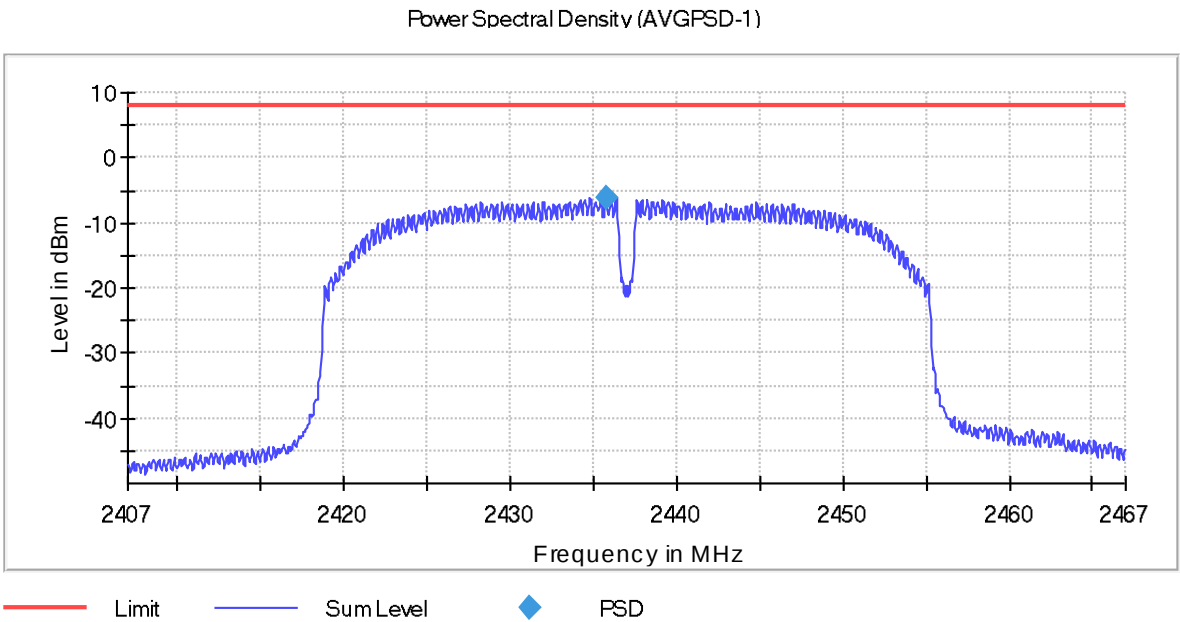
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Date: 21.FEB.2025 15:58:20

Equipment Type = Digital Transmission System (DTS) Bandwidth MHz = 40
Modulation = 802.11n HT40 (OFDM MCS0) Frequency MHz = 2437.00000
MIMO Mode = SISO Active Port = 1

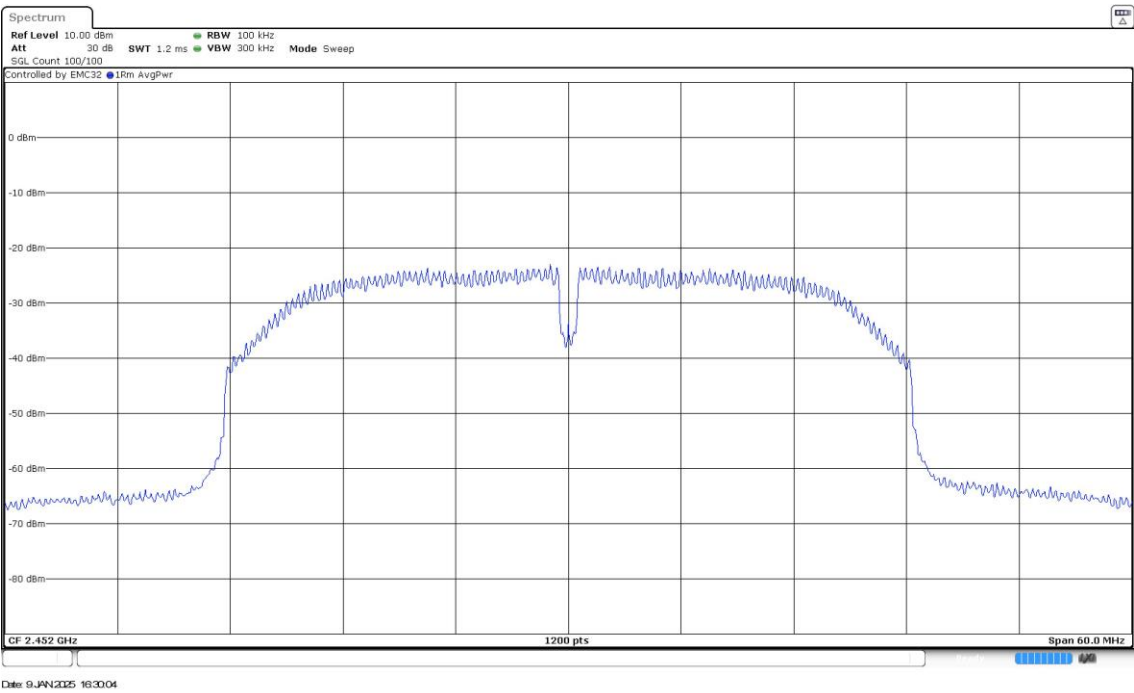
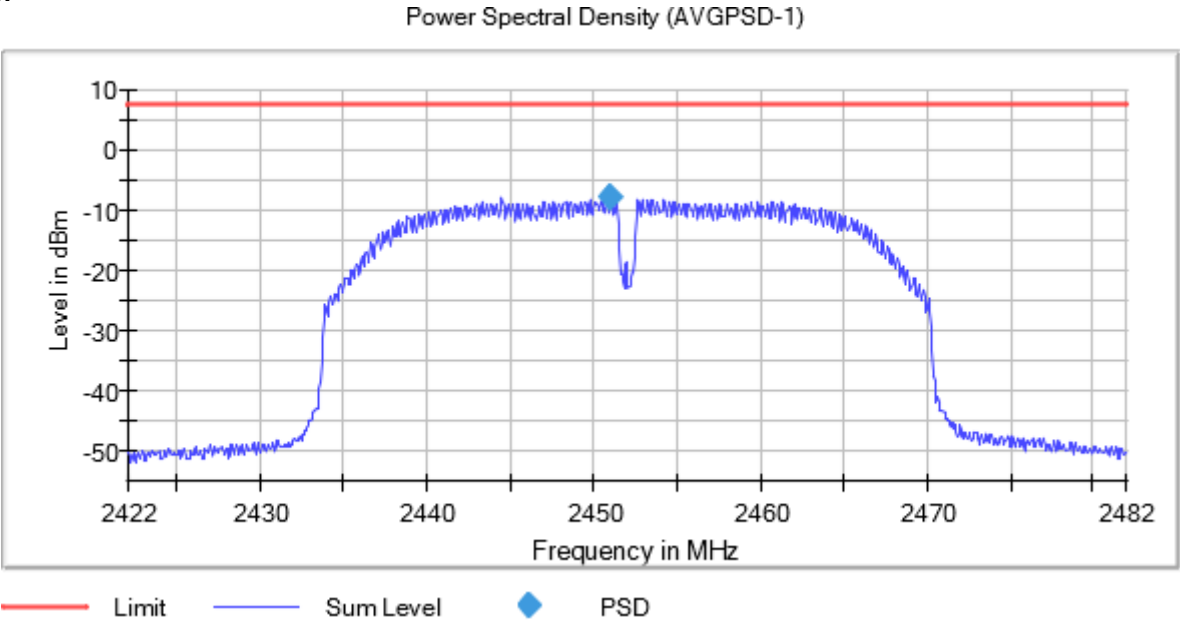
Images:



Date: 21.FEB.2025 16:01:40

Equipment Type = Digital Transmission System (DTS) Bandwidth MHz = 40
Modulation = 802.11n HT40 (OFDM MCS0) Frequency MHz = 2452.00000
MIMO Mode = SISO Active Port = 1

Images:



RSS-247 5.4 (d) / FCC 15.247 (b) (1) [Avcp] Maximum Average Conducted output Power

Limits

For systems using digital modulation in the 2400-2483.5 MHz band: 1 watt (30 dBm).
The e.i.r.p. shall not exceed 4 W (36 dBm) (Canada).

Results

Modulation: 802.11b (DSSS 1 Mbit/s)
MIMO Mode: SISO

Equipment	BW (MHz)	Freq (MHz)	Port	Avg Power (dBm)	EIRP Power (dBm)
Digital Transmission System (DTS)	20	2412.00000	1	19.10	22.70
Digital Transmission System (DTS)	20	2437.00000	1	19.76	23.36
Digital Transmission System (DTS)	20	2462.00000	1	19.60	23.2

Results

Modulation: 802.11g (OFDM 6 Mbit/s)
MIMO Mode: SISO

Equipment	BW (MHz)	Freq (MHz)	Port	Avg Power (dBm)	EIRP Power (dBm)
Digital Transmission System (DTS)	20	2412.00000	1	15.39	18.99
Digital Transmission System (DTS)	20	2417.00000	1	18.731	22.331
Digital Transmission System (DTS)	20	2437.00000	1	18.883	22.483
Digital Transmission System (DTS)	20	2447.00000	1	18.808	22.408
Digital Transmission System (DTS)	20	2462.00000	1	15.81	19.41

Results

Modulation: 802.11n HT20 (OFDM MCS0)
MIMO Mode: SISO

Equipment	BW (MHz)	Freq (MHz)	Port	Avg Power (dBm)	EIRP Power (dBm)
Digital Transmission System (DTS)	20	2412.00000	1	16.08	19.68
Digital Transmission System (DTS)	20	2417.00000	1	17.557	21.157

Equipment	BW (MHz)	Freq (MHz)	Port	Avg Power (dBm)	EIRP Power (dBm)
Digital Transmission System (DTS)	20	2437.00000	1	17.668	21.268
Digital Transmission System (DTS)	20	2447.00000	1	17.451	21.051
Digital Transmission System (DTS)	20	2462.00000	1	15.73	19.33

Results

Modulation: 802.11ax HE20 (OFDMA MCS0) SU

MIMO Mode: SISO

Equipment	BW (MHz)	Freq (MHz)	Port	Avg Power (dBm)	EIRP Power (dBm)
Digital Transmission System (DTS)	20	2412.00000	1	15.821	19.421
Digital Transmission System (DTS)	20	2417.00000	1	16.788	20.388
Digital Transmission System (DTS)	20	2437.00000	1	16.895	20.495
Digital Transmission System (DTS)	20	2457.00000	1	17.278	20.878
Digital Transmission System (DTS)	20	2462.00000	1	16.517	20.117

Results

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

MIMO Mode: SISO

Equipment	BW (MHz)	Freq (MHz)	Port	Avg Power (dBm)	Avg Power (dBm)
Digital Transmission System (DTS)	20	2412.00000	1	14.849	18.449
Digital Transmission System (DTS)	20	2437.00000	1	17.214	20.814
Digital Transmission System (DTS)	20	2457.00000	1	15.074	18.674
Digital Transmission System (DTS)	20	2462.00000	1	13.287	16.887

Results

Modulation: 802.11n HT40 (OFDM MCS0)

MIMO Mode: SISO

Equipment	BW (MHz)	Freq (MHz)	Port	Avg Power (dBm)	EIRP Power (dBm)
Digital Transmission System (DTS)	40	2422.00000	1	14.87	18.47
Digital Transmission System (DTS)	40	2432.00000	1	16.578	20.178

Equipment	BW (MHz)	Freq (MHz)	Port	Avg Power (dBm)	EIRP Power (dBm)
Digital Transmission System (DTS)	40	2437.00000	1	16.680	20.280
Digital Transmission System (DTS)	40	2452.00000	1	15.17	18.77

Verdict

Pass

RSS-247 5.5 / 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.

Results

Modulation: 802.11b (DSSS 1 Mbit/s)

MIMO Mode: SISO

Equipment	BW (MHz)	Freq (MHz)	Port	Freq (MHz)	Lvl (dBm)
Digital Transmission System (DTS)	20	2412.00000	1	2394.025000	-39.1
Digital Transmission System (DTS)	20	2412.00000	1	2393.975000	-39.4
Digital Transmission System (DTS)	20	2412.00000	1	2394.275000	-39.5
Digital Transmission System (DTS)	20	2412.00000	1	2393.725000	-39.6
Digital Transmission System (DTS)	20	2412.00000	1	2396.325000	-39.6
Digital Transmission System (DTS)	20	2412.00000	1	2396.525000	-39.7
Digital Transmission System (DTS)	20	2412.00000	1	2396.375000	-39.7
Digital Transmission System (DTS)	20	2412.00000	1	2394.325000	-39.8
Digital Transmission System (DTS)	20	2412.00000	1	2394.825000	-40.0
Digital Transmission System (DTS)	20	2412.00000	1	2393.775000	-40.1
Digital Transmission System (DTS)	20	2412.00000	1	2395.175000	-40.1
Digital Transmission System (DTS)	20	2412.00000	1	2394.875000	-40.1
Digital Transmission System (DTS)	20	2412.00000	1	2394.925000	-40.2
Digital Transmission System (DTS)	20	2412.00000	1	2394.075000	-40.2
Digital Transmission System (DTS)	20	2412.00000	1	2396.225000	-40.2
Digital Transmission System (DTS)	20	2462.00000	1	2488.475000	-39.6
Digital Transmission System (DTS)	20	2462.00000	1	2488.075000	-39.6
Digital Transmission System (DTS)	20	2462.00000	1	2488.525000	-39.7
Digital Transmission System (DTS)	20	2462.00000	1	2488.125000	-39.8
Digital Transmission System (DTS)	20	2462.00000	1	2486.775000	-40.1
Digital Transmission System (DTS)	20	2462.00000	1	2485.625000	-40.1
Digital Transmission System (DTS)	20	2462.00000	1	2486.825000	-40.2
Digital Transmission System (DTS)	20	2462.00000	1	2485.675000	-40.3
Digital Transmission System (DTS)	20	2462.00000	1	2488.925000	-40.5
Digital Transmission System (DTS)	20	2462.00000	1	2485.725000	-40.6

Equipment	BW (MHz)	Freq (MHz)	Port	Freq (MHz)	Lvl (dBm)
Digital Transmission System (DTS)	20	2462.00000	1	2488.975000	-40.6
Digital Transmission System (DTS)	20	2462.00000	1	2488.775000	-40.7
Digital Transmission System (DTS)	20	2462.00000	1	2488.425000	-40.7
Digital Transmission System (DTS)	20	2462.00000	1	2488.675000	-40.7
Digital Transmission System (DTS)	20	2462.00000	1	2488.725000	-40.7

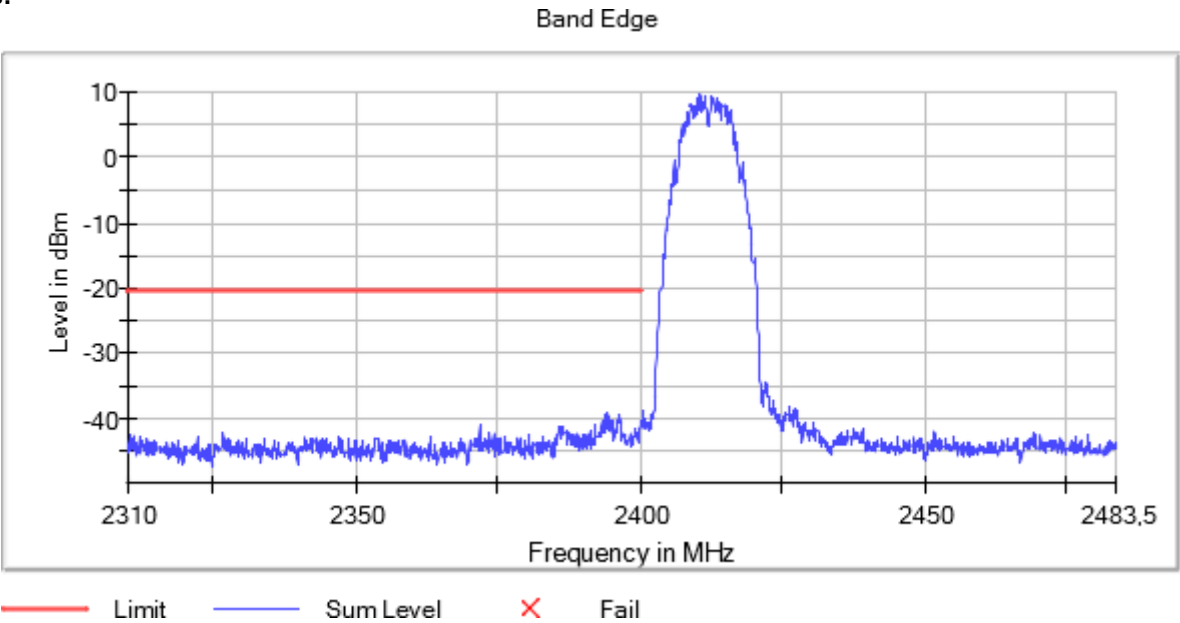
Verdict

Pass

Attachments

Equipment Type = Digital Transmission System (DTS) Bandwidth MHz = 20
Modulation = 802.11b (DSSS 1 Mbit/s) Frequency MHz = 2412.00000
MIMO Mode = SISO Active Port = 1

Images:



Tables:

Spectrum Analyzer Parameters 1

Setting	Instrument Value	Target Value
Start Frequency	2.31000 GHz	2.31000 GHz
Stop Frequency	2.40000 GHz	2.40000 GHz
Span	90.000 MHz	90.000 MHz
RBW	100.000 kHz	<= 100.000 kHz
VBW	300.000 kHz	>= 300.000 kHz
SweepPoints	1800	~ 1800
Sweeptime	113.672 µs	AUTO
Reference Level	20.000 dBm	20.000 dBm
Attenuation	40.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	AUTO
Preamplifier	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	4 / max. 150	max. 150
Stable	3 / 3	3

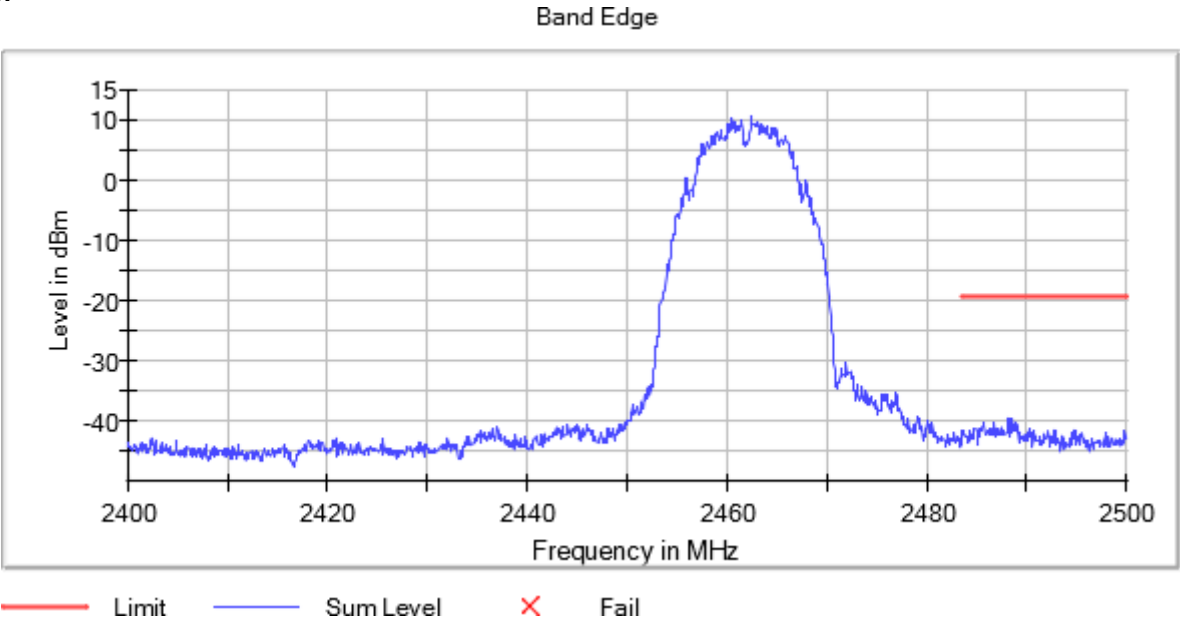
Setting	Instrument Value	Target Value
Max Stable Difference	0.00 dB	0.50 dB

Spectrum Analyzer Parameters 2

Setting	Instrument Value	Target Value
Start Frequency	2.40000 GHz	2.40000 GHz
Stop Frequency	2.48350 GHz	2.48350 GHz
Span	83.500 MHz	83.500 MHz
RBW	100.000 kHz	<= 100.000 kHz
VBW	300.000 kHz	>= 300.000 kHz
SweepPoints	1670	~ 1670
SweepTime	94.727 µs	AUTO
Reference Level	20.000 dBm	20.000 dBm
Attenuation	40.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	AUTO
Preamplifier	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	39 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.47 dB	0.50 dB

Equipment Type = Digital Transmission System (DTS) Bandwidth MHz = 20
Modulation = 802.11b (DSSS 1 Mbit/s) Frequency MHz = 2462.00000
MIMO Mode = SISO Active Port = 1

Images:



Tables:
Spectrum Analyzer Parameters 1

Setting	Instrument Value	Target Value
Start Frequency	2.31000 GHz	2.31000 GHz
Stop Frequency	2.40000 GHz	2.40000 GHz
Span	90.000 MHz	90.000 MHz
RBW	100.000 kHz	<= 100.000 kHz
VBW	300.000 kHz	>= 300.000 kHz
SweepPoints	1800	~ 1800
SweepTime	113.672 µs	AUTO
Reference Level	20.000 dBm	20.000 dBm
Attenuation	40.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	4 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.00 dB	0.50 dB

Spectrum Analyzer Parameters 2

Setting	Instrument Value	Target Value
Start Frequency	2.40000 GHz	2.40000 GHz
Stop Frequency	2.48350 GHz	2.48350 GHz
Span	83.500 MHz	83.500 MHz
RBW	100.000 kHz	<= 100.000 kHz
VBW	300.000 kHz	>= 300.000 kHz
SweepPoints	1670	~ 1670
SweepTime	94.727 µs	AUTO
Reference Level	20.000 dBm	20.000 dBm
Attenuation	40.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	39 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.47 dB	0.50 dB

Results

Modulation: 802.11g (OFDM 6 Mbit/s)

MIMO Mode: SISO

Equipment	BW (MHz)	Freq (MHz)	Port	Freq (MHz)	Lvl (dBm)
Digital Transmission System (DTS)	20	2412.00000	1	2399.825000	-34.9
Digital Transmission System (DTS)	20	2412.00000	1	2399.875000	-35.1
Digital Transmission System (DTS)	20	2412.00000	1	2399.775000	-35.1
Digital Transmission System (DTS)	20	2412.00000	1	2396.975000	-35.5
Digital Transmission System (DTS)	20	2412.00000	1	2397.025000	-35.5
Digital Transmission System (DTS)	20	2412.00000	1	2399.575000	-35.8
Digital Transmission System (DTS)	20	2412.00000	1	2398.025000	-35.8
Digital Transmission System (DTS)	20	2412.00000	1	2399.175000	-35.8
Digital Transmission System (DTS)	20	2412.00000	1	2399.525000	-35.9
Digital Transmission System (DTS)	20	2412.00000	1	2398.075000	-35.9
Digital Transmission System (DTS)	20	2412.00000	1	2398.725000	-36.0
Digital Transmission System (DTS)	20	2412.00000	1	2398.225000	-36.0
Digital Transmission System (DTS)	20	2412.00000	1	2398.775000	-36.0
Digital Transmission System (DTS)	20	2412.00000	1	2398.275000	-36.2
Digital Transmission System (DTS)	20	2412.00000	1	2399.725000	-36.2
Digital Transmission System (DTS)	20	2417.00000	1	2399.825000	-24.368
Digital Transmission System (DTS)	20	2417.00000	1	2399.775000	-24.403
Digital Transmission System (DTS)	20	2417.00000	1	2399.475000	-24.452
Digital Transmission System (DTS)	20	2417.00000	1	2399.525000	-24.844
Digital Transmission System (DTS)	20	2417.00000	1	2399.875000	-25.067
Digital Transmission System (DTS)	20	2417.00000	1	2399.425000	-25.233
Digital Transmission System (DTS)	20	2417.00000	1	2399.725000	-25.253
Digital Transmission System (DTS)	20	2417.00000	1	2398.825000	-25.315
Digital Transmission System (DTS)	20	2417.00000	1	2398.775000	-25.474
Digital Transmission System (DTS)	20	2417.00000	1	2397.875000	-25.516
Digital Transmission System (DTS)	20	2417.00000	1	2397.825000	-25.646
Digital Transmission System (DTS)	20	2417.00000	1	2399.225000	-25.839
Digital Transmission System (DTS)	20	2417.00000	1	2397.925000	-25.949
Digital Transmission System (DTS)	20	2417.00000	1	2398.875000	-26.002
Digital Transmission System (DTS)	20	2417.00000	1	2399.925000	-26.088
Digital Transmission System (DTS)	20	2447.00000	1	2485.325000	-38.158
Digital Transmission System (DTS)	20	2447.00000	1	2485.375000	-38.243
Digital Transmission System (DTS)	20	2447.00000	1	2485.275000	-39.016
Digital Transmission System (DTS)	20	2447.00000	1	2486.325000	-39.218
Digital Transmission System (DTS)	20	2447.00000	1	2483.575000	-39.232
Digital Transmission System (DTS)	20	2447.00000	1	2483.625000	-39.258
Digital Transmission System (DTS)	20	2447.00000	1	2486.375000	-39.412

Equipment	BW (MHz)	Freq (MHz)	Port	Freq (MHz)	Lvl (dBm)
Digital Transmission System (DTS)	20	2447.00000	1	2483.525000	-39.607
Digital Transmission System (DTS)	20	2447.00000	1	2483.875000	-39.920
Digital Transmission System (DTS)	20	2447.00000	1	2485.425000	-40.004
Digital Transmission System (DTS)	20	2447.00000	1	2486.625000	-40.094
Digital Transmission System (DTS)	20	2447.00000	1	2484.525000	-40.108
Digital Transmission System (DTS)	20	2447.00000	1	2483.925000	-40.128
Digital Transmission System (DTS)	20	2447.00000	1	2484.475000	-40.143
Digital Transmission System (DTS)	20	2447.00000	1	2484.625000	-40.163
Digital Transmission System (DTS)	20	2462.00000	1	2483.925000	-38.4
Digital Transmission System (DTS)	20	2462.00000	1	2483.775000	-38.9
Digital Transmission System (DTS)	20	2462.00000	1	2483.975000	-38.9
Digital Transmission System (DTS)	20	2462.00000	1	2483.875000	-39.1
Digital Transmission System (DTS)	20	2462.00000	1	2486.025000	-39.4
Digital Transmission System (DTS)	20	2462.00000	1	2483.575000	-39.5
Digital Transmission System (DTS)	20	2462.00000	1	2484.525000	-39.6
Digital Transmission System (DTS)	20	2462.00000	1	2484.825000	-39.6
Digital Transmission System (DTS)	20	2462.00000	1	2484.875000	-39.6
Digital Transmission System (DTS)	20	2462.00000	1	2484.475000	-39.6
Digital Transmission System (DTS)	20	2462.00000	1	2484.175000	-39.7
Digital Transmission System (DTS)	20	2462.00000	1	2486.075000	-39.7
Digital Transmission System (DTS)	20	2462.00000	1	2483.725000	-39.7
Digital Transmission System (DTS)	20	2462.00000	1	2483.825000	-39.7
Digital Transmission System (DTS)	20	2462.00000	1	2483.525000	-39.8

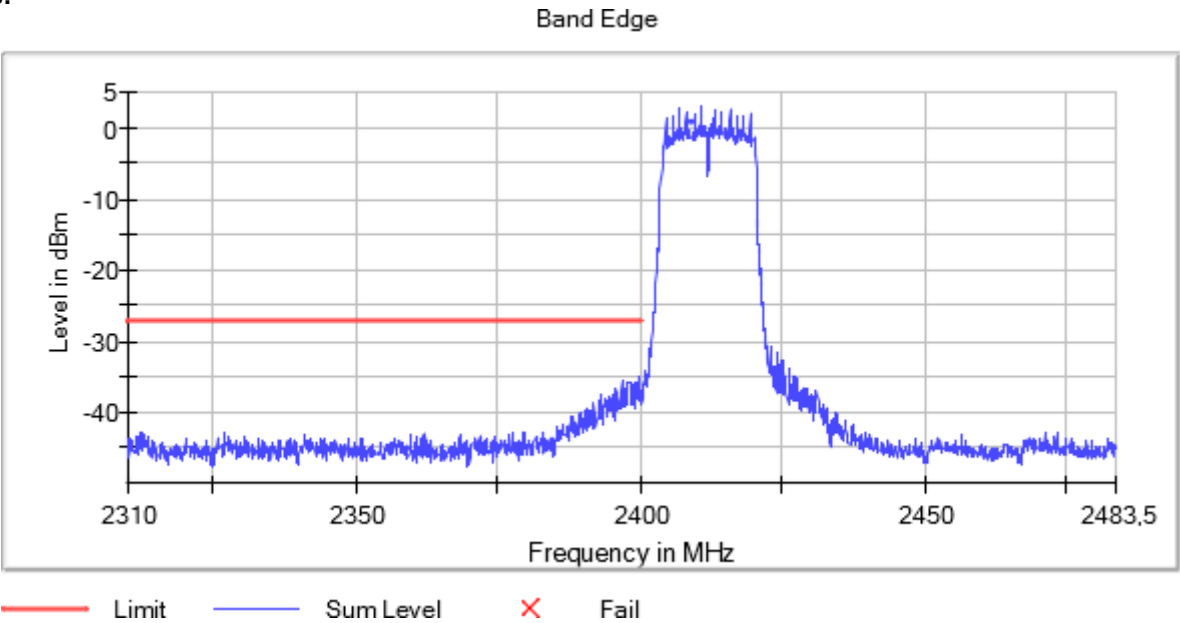
Verdict

Pass

Attachments

Equipment Type = Digital Transmission System (DTS) Bandwidth MHz = 20
Modulation = 802.11g (OFDM 6 Mbit/s) Frequency MHz = 2412.00000
MIMO Mode = SISO Active Port = 1

Images:



Tables:

Spectrum Analyzer Parameters 1

Setting	Instrument Value	Target Value
Start Frequency	2.31000 GHz	2.31000 GHz
Stop Frequency	2.40000 GHz	2.40000 GHz
Span	90.000 MHz	90.000 MHz
RBW	100.000 kHz	<= 100.000 kHz
VBW	300.000 kHz	>= 300.000 kHz
SweepPoints	1800	~ 1800
Sweeptime	113.672 µs	AUTO
Reference Level	20.000 dBm	20.000 dBm
Attenuation	40.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	AUTO
Preamplifier	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	4 / max. 150	max. 150
Stable	3 / 3	3

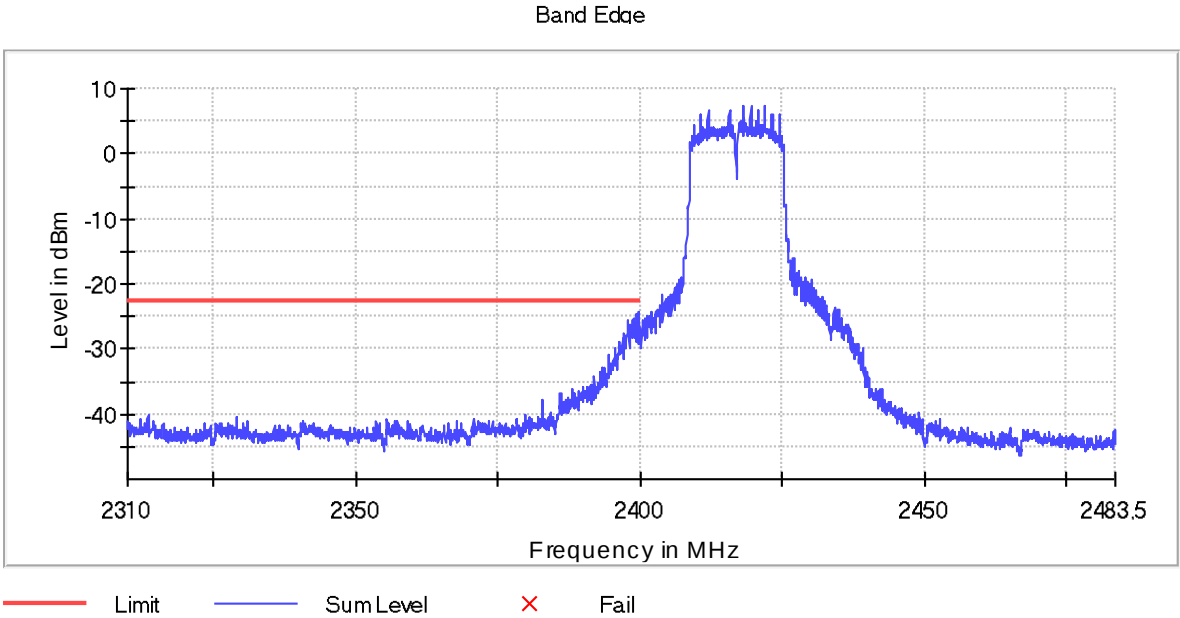
Setting	Instrument Value	Target Value
Max Stable Difference	0.00 dB	0.50 dB

Spectrum Analyzer Parameters 2

Setting	Instrument Value	Target Value
Start Frequency	2.40000 GHz	2.40000 GHz
Stop Frequency	2.48350 GHz	2.48350 GHz
Span	83.500 MHz	83.500 MHz
RBW	100.000 kHz	<= 100.000 kHz
VBW	300.000 kHz	>= 300.000 kHz
SweepPoints	1670	~ 1670
SweepTime	94.727 µs	AUTO
Reference Level	20.000 dBm	20.000 dBm
Attenuation	40.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	AUTO
Preamplifier	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	30 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.34 dB	0.50 dB

Equipment Type = Digital Transmission System (DTS) Bandwidth MHz = 20
Modulation = 802.11g (OFDM 6 Mbit/s) Frequency MHz = 2417.00000
MIMO Mode = SISO Active Port = 1

Images:



Tables:
Spectrum Analyzer Parameters 1

Setting	Instrument Value	Target Value
Start Frequency	2.31000 GHz	2.31000 GHz
Stop Frequency	2.40000 GHz	2.40000 GHz
Span	90.000 MHz	90.000 MHz
RBW	100.000 kHz	<= 100.000 kHz
VBW	300.000 kHz	>= 300.000 kHz
SweepPoints	1800	~ 1800
Sweeptime	113.672 µs	AUTO
Reference Level	20.000 dBm	20.000 dBm
Attenuation	40.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweeptype	FFT	AUTO
Preamplifier	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	4 / max. 150	max. 150
Stable	3 / 3	3

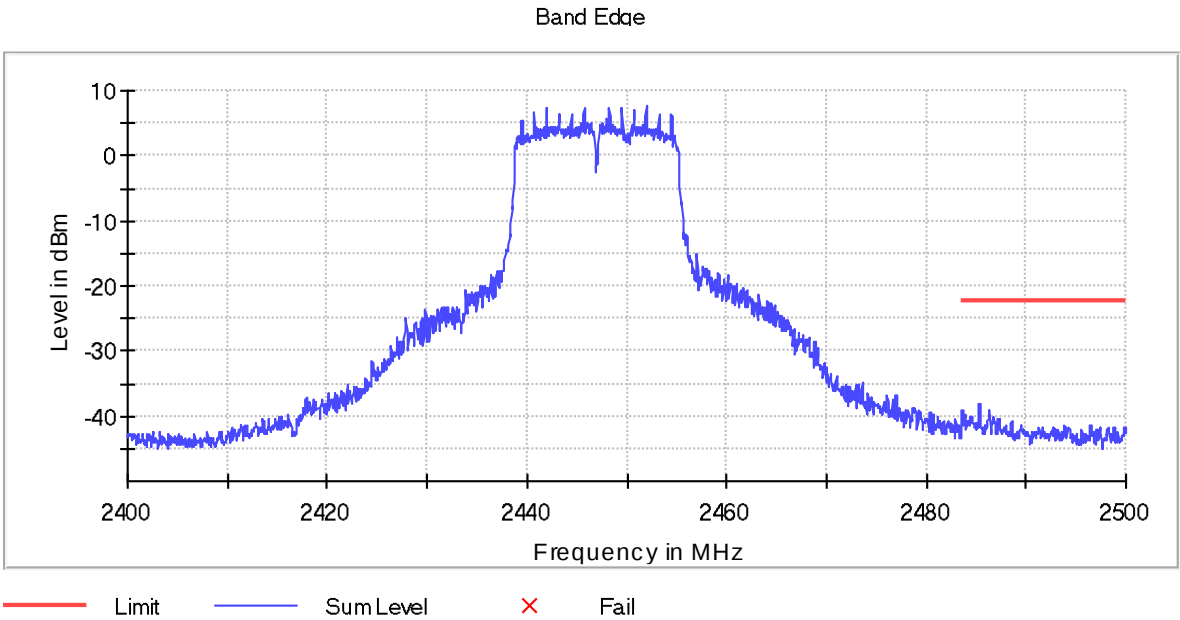
Setting	Instrument Value	Target Value
Max Stable Difference	0.00 dB	0.50 dB

Spectrum Analyzer Parameters 2

Setting	Instrument Value	Target Value
Start Frequency	2.40000 GHz	2.40000 GHz
Stop Frequency	2.48350 GHz	2.48350 GHz
Span	83.500 MHz	83.500 MHz
RBW	100.000 kHz	<= 100.000 kHz
VBW	300.000 kHz	>= 300.000 kHz
SweepPoints	1670	~ 1670
SweepTime	94.727 µs	AUTO
Reference Level	20.000 dBm	20.000 dBm
Attenuation	40.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	AUTO
Preamplifier	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	30 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.34 dB	0.50 dB

Equipment Type = Digital Transmission System (DTS) Bandwidth MHz = 20
Modulation = 802.11g (OFDM 6 Mbit/s) Frequency MHz = 2447.00000
MIMO Mode = SISO Active Port = 1

Images:



Tables:

Spectrum Analyzer Parameters 1

Setting	Instrument Value	Target Value
Start Frequency	2.31000 GHz	2.31000 GHz
Stop Frequency	2.40000 GHz	2.40000 GHz
Span	90.000 MHz	90.000 MHz
RBW	100.000 kHz	<= 100.000 kHz
VBW	300.000 kHz	>= 300.000 kHz
SweepPoints	1800	~ 1800
SweepTime	113.672 µs	AUTO
Reference Level	20.000 dBm	20.000 dBm
Attenuation	40.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	AUTO
Preamplifier	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	4 / max. 150	max. 150
Stable	3 / 3	3

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

Spectrum Analyzer Parameters 2

Setting	Instrument Value	Target Value
Start Frequency	2.40000 GHz	2.40000 GHz
Stop Frequency	2.48350 GHz	2.48350 GHz
Span	83.500 MHz	83.500 MHz
RBW	100.000 kHz	<= 100.000 kHz
VBW	300.000 kHz	>= 300.000 kHz
SweepPoints	1670	~ 1670
SweepTime	94.727 µs	AUTO
Reference Level	20.000 dBm	20.000 dBm
Attenuation	40.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	AUTO
Preamplifier	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	30 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.34 dB	0.50 dB