

Operation Band MHz = [2400,
2483.5]

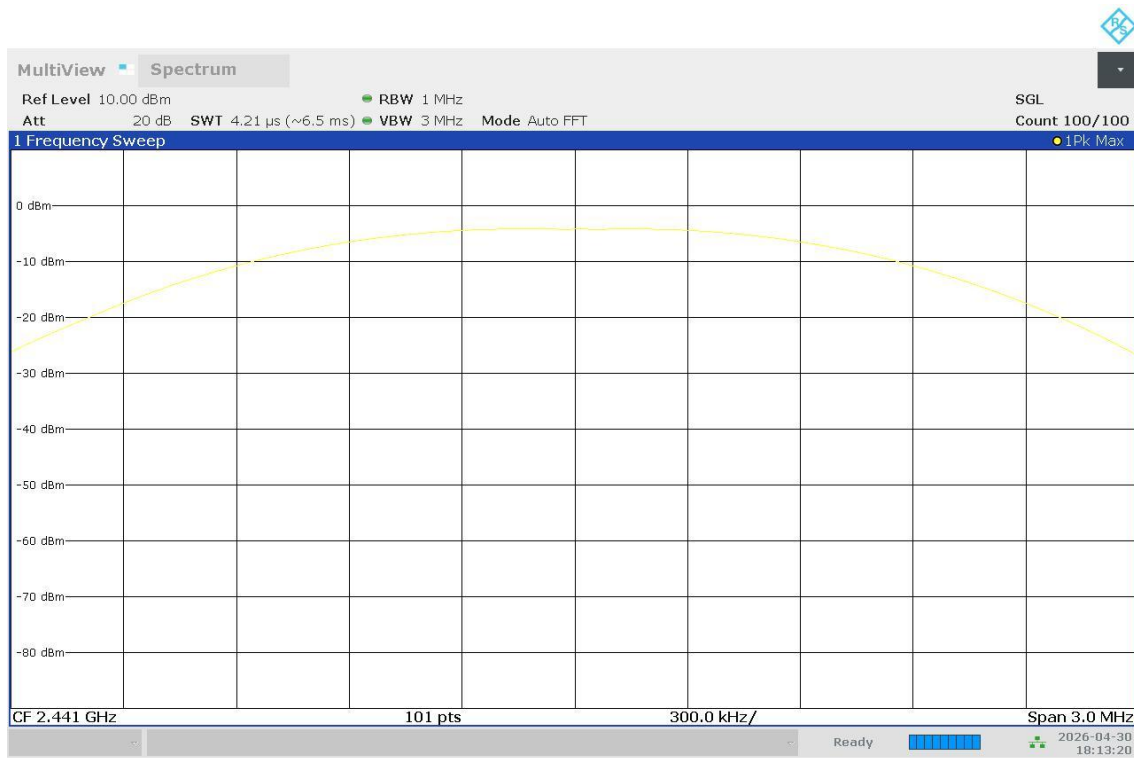
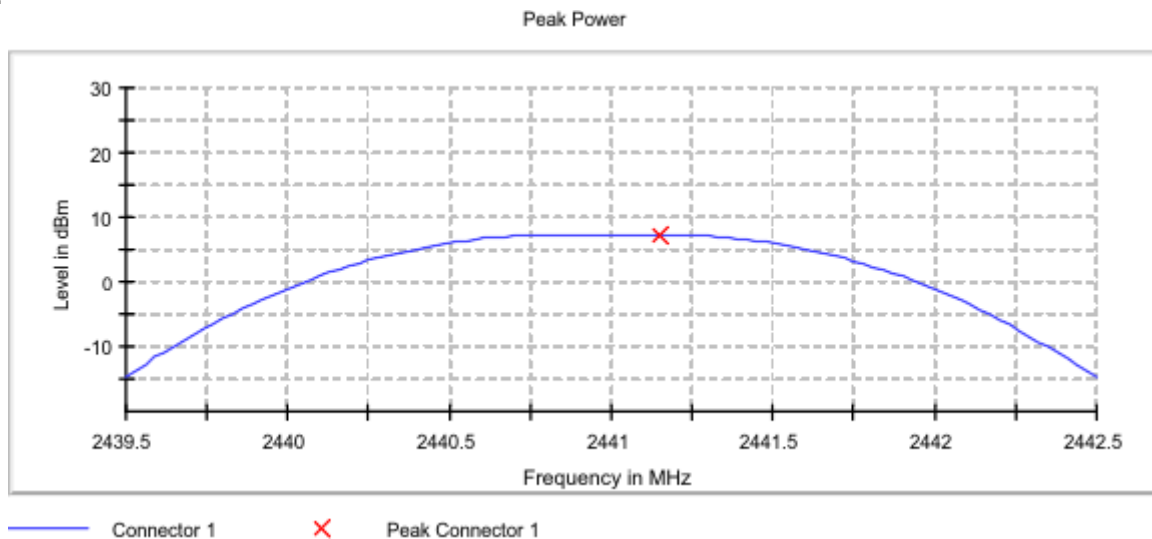
Equipment Type = Frequency Hopping Spread Spectrum systems
(DSS)

Frequency MHz = 2441.00000

Active Port = 1

Modulation = BT (GFSK 1-DH5)

Images:



06:13:20 PM 04/30/2026

Operation Band MHz = [2400,
2483.5]

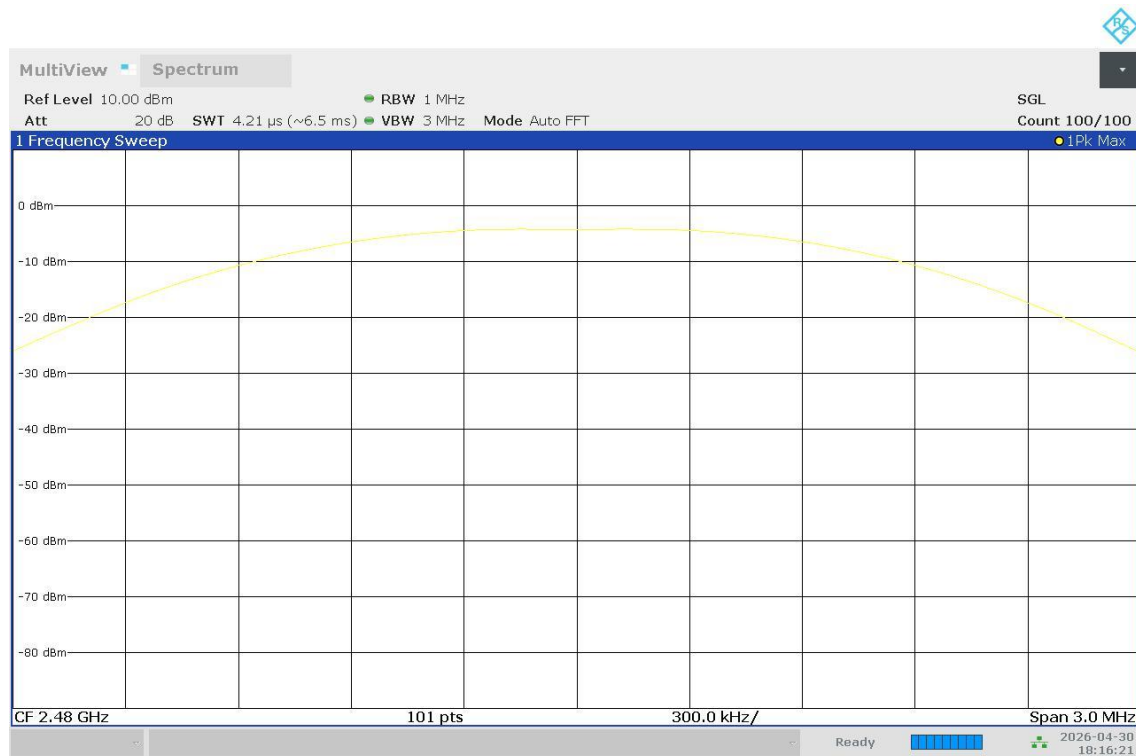
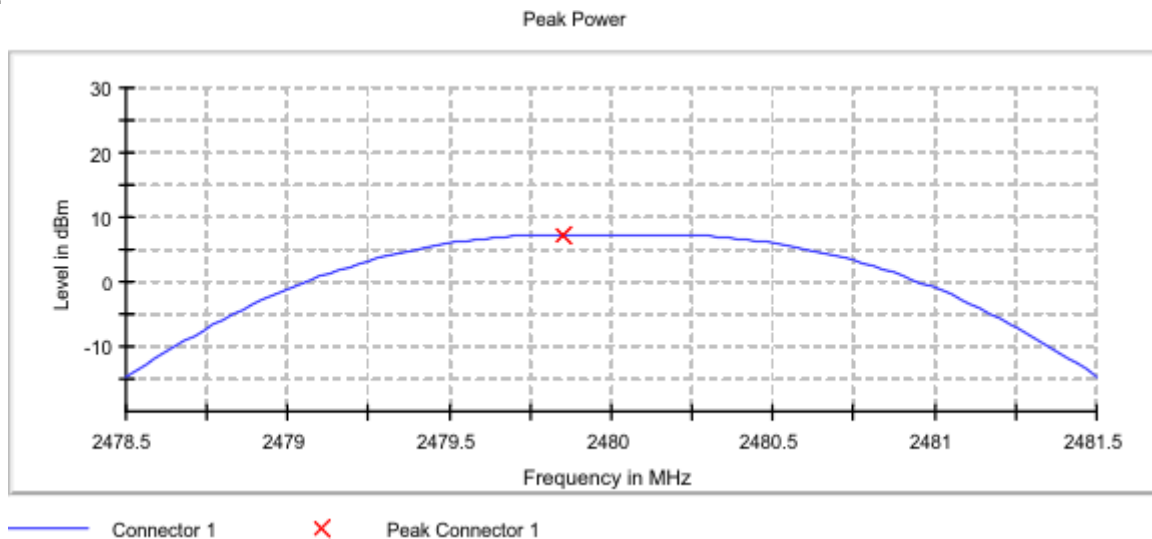
Equipment Type = Frequency Hopping Spread Spectrum systems
(DSS)

Frequency MHz = 2480.00000

Active Port = 1

Modulation = BT (GFSK 1-DH5)

Images:



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

Operation Band (MHz)	Equipment	Freq (MHz)	Port	Peak Power (dBm)	E.I.R.P. (dBm)
[2400, 2483.5]	Frequency Hopping Spread Spectrum systems (DSS)	2402.00000	1	5.9000	9.73
		2441.00000		5.9000	9.73
		2480.00000		5.8000	9.63
				5.8000	9.63

Verdict

Pass

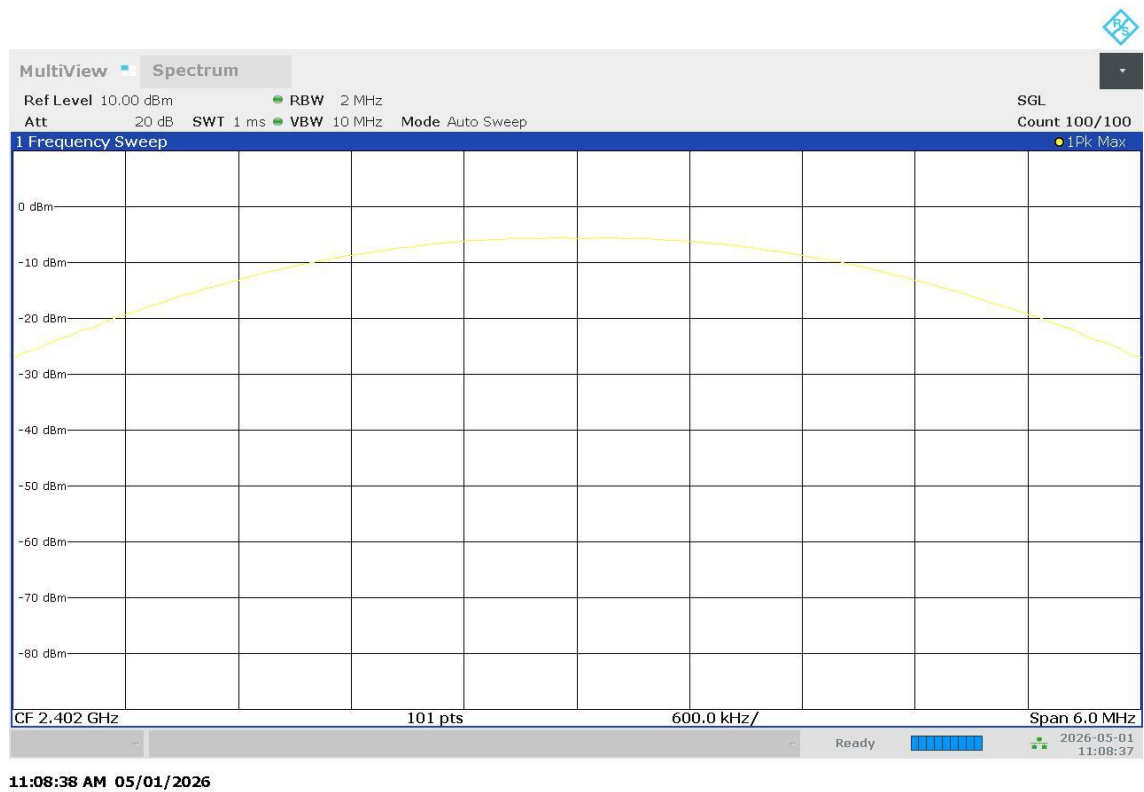
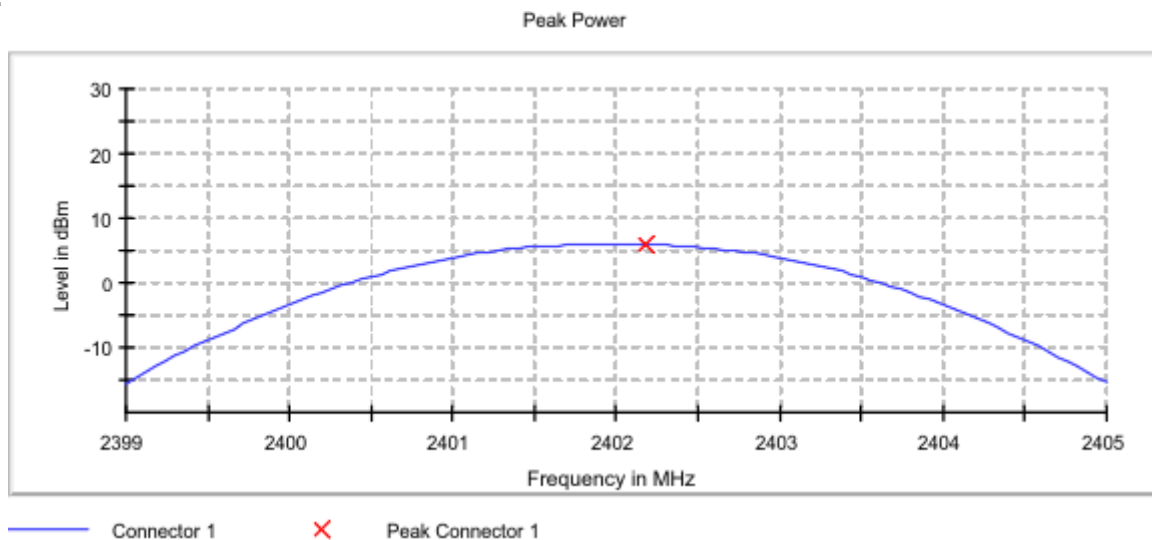
Attachments

Operation Band MHz = [2400, 2483.5] Equipment Type = Frequency Hopping Spread Spectrum systems (DSS)

Frequency MHz = 2402.00000 Active Port = 1

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

Images:



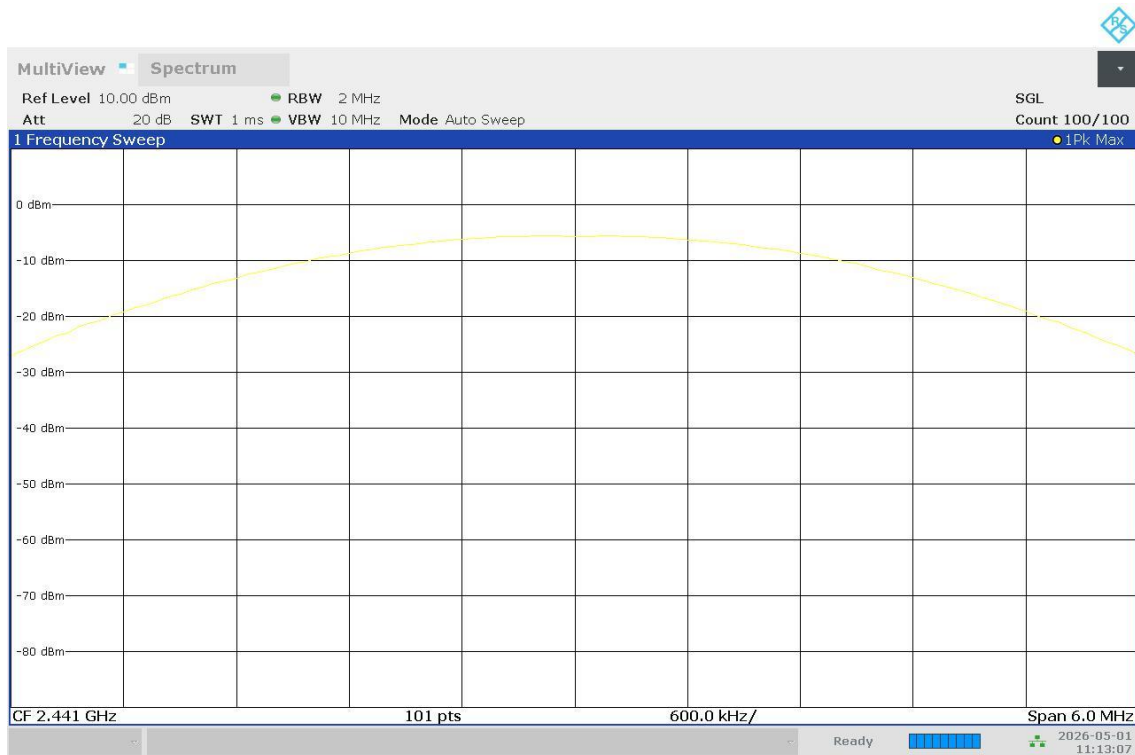
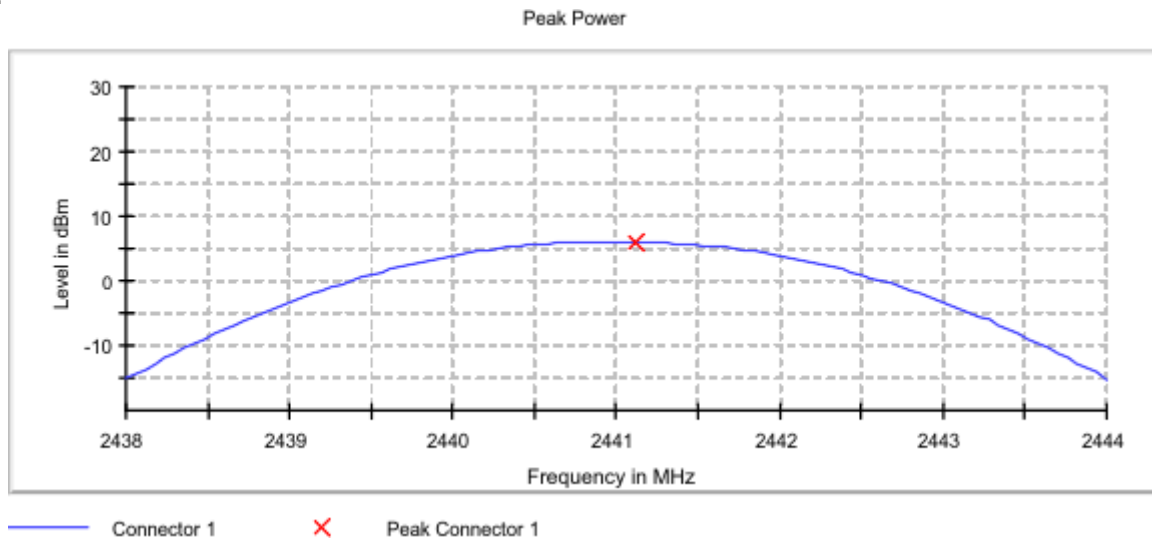
Operation Band MHz = [2400, 2483.5] Equipment Type = Frequency Hopping Spread Spectrum systems (DSS)

Frequency MHz = 2441.00000

Active Port = 1

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

Images:



11:13:08 AM 05/01/2026

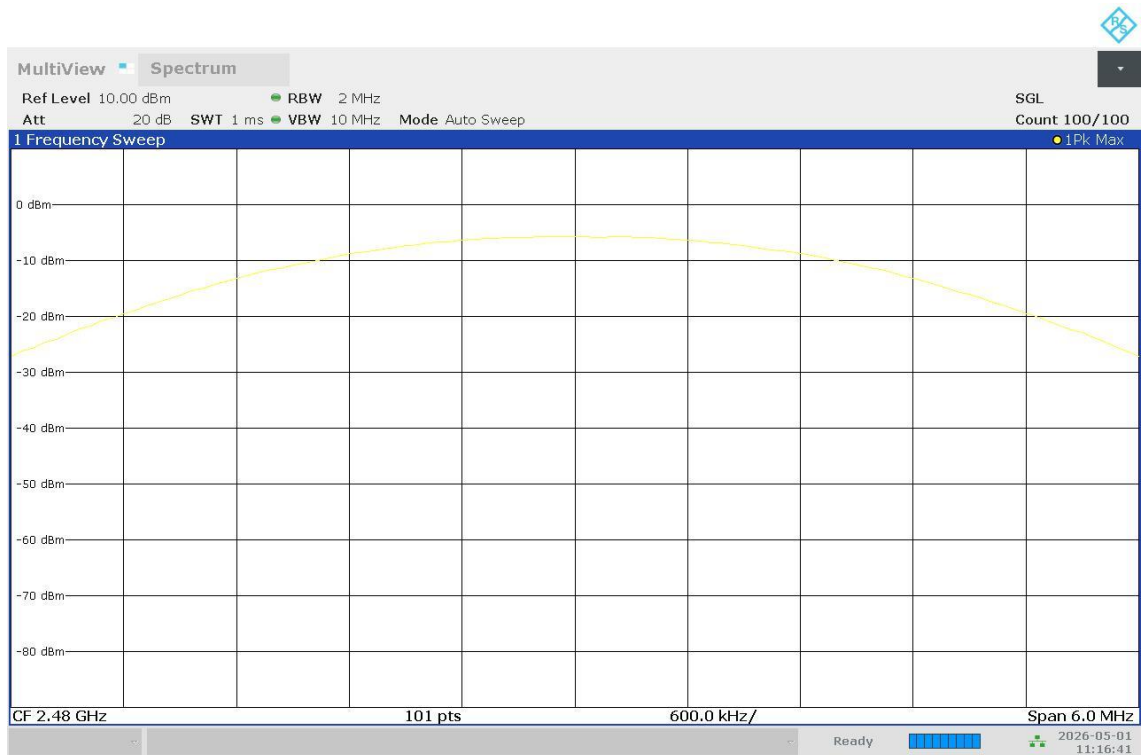
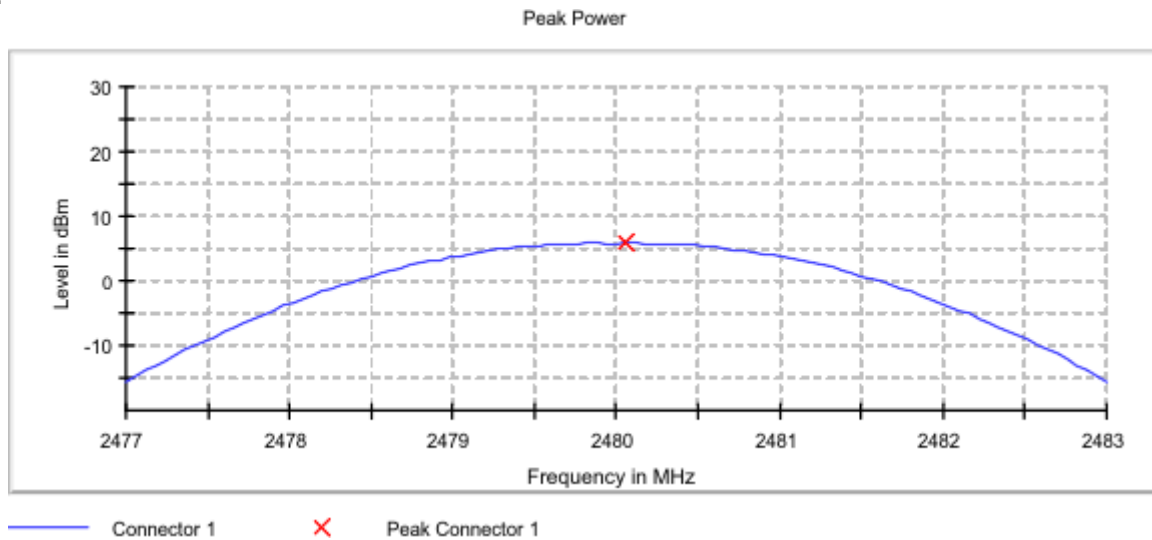
Operation Band MHz = [2400, 2483.5] Equipment Type = Frequency Hopping Spread Spectrum systems (DSS)

Frequency MHz = 2480.00000

Active Port = 1

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

Images:



11:16:41 AM 05/01/2026

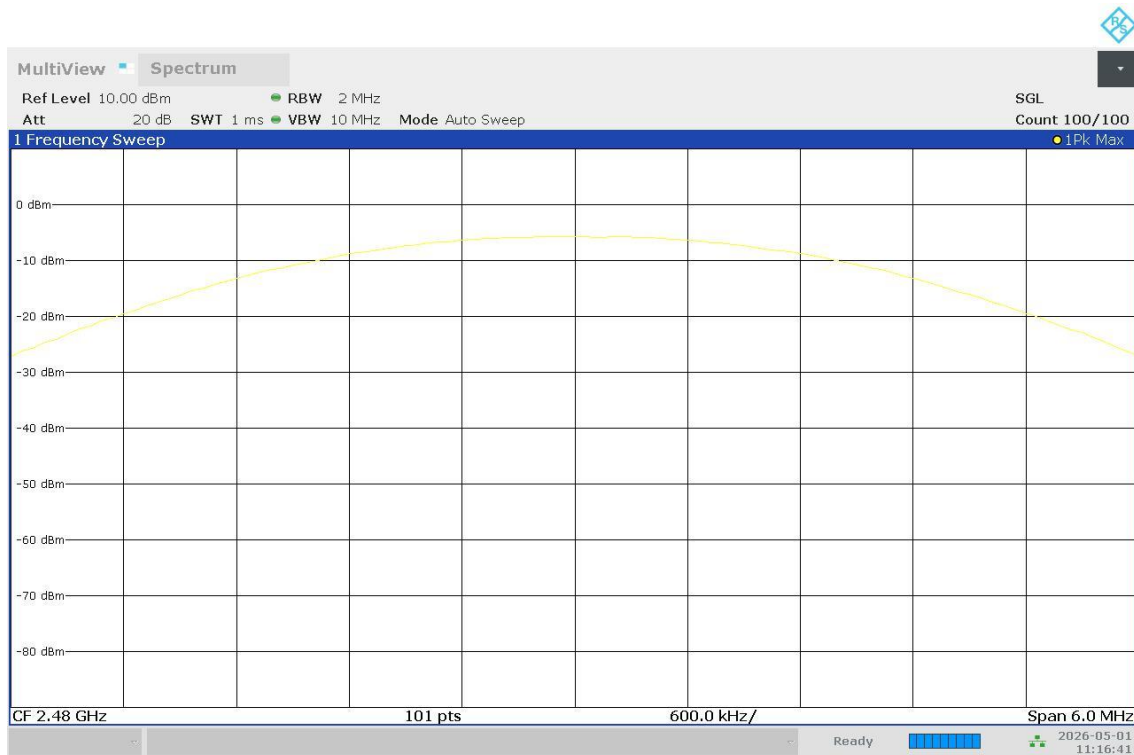
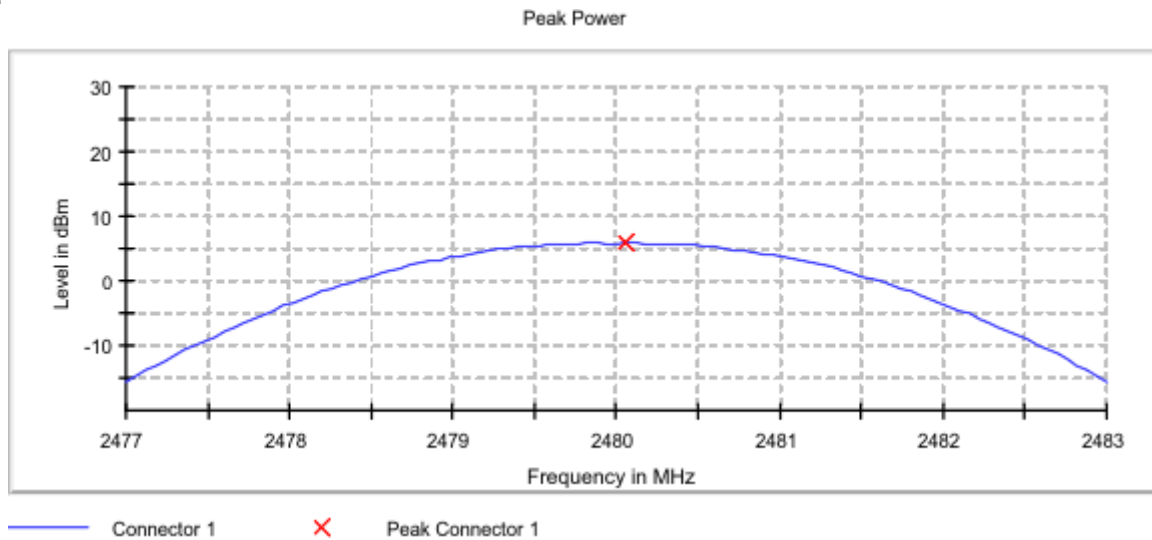
Operation Band MHz = [2400, 2483.5] Equipment Type = Frequency Hopping Spread Spectrum systems (DSS)

Frequency MHz = 2480.00000

Active Port = 1

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

Images:



11:16:41 AM 05/01/2026

Modulation: BT (8DPSK 3-DH5)
Results

Operation Band (MHz)	Equipment	Freq (MHz)	Port	Peak Power (dBm)	E.I.R.P. (dBm)
[2400, 2483.5]	Frequency Hopping Spread Spectrum systems (DSS)	2402.00000	1	6.4000	10.23
		2441.00000		6.4000	10.23
		2480.00000		6.2000	10.03

Verdict

Pass

Attachments

Operation Band MHz = [2400,
2483.5]

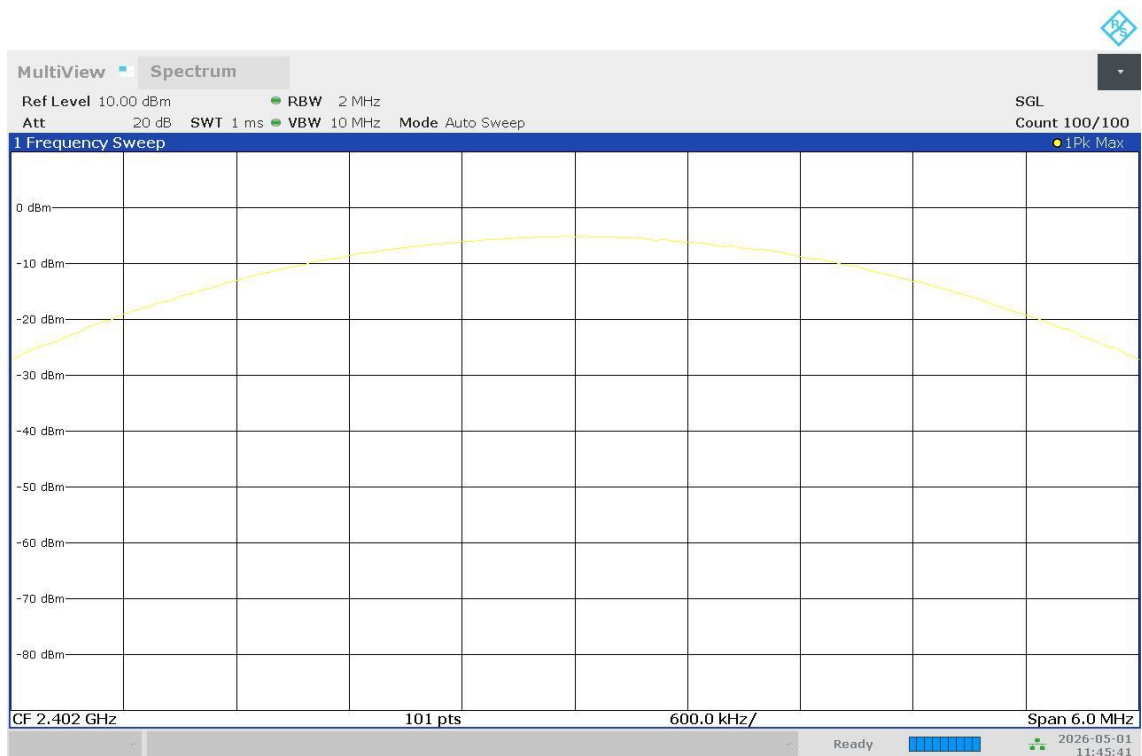
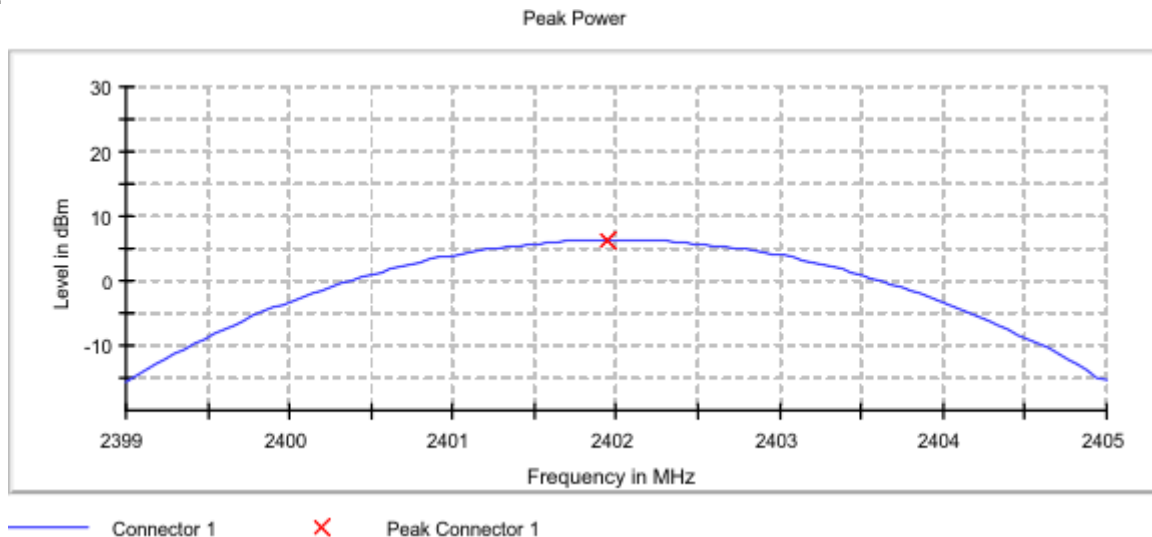
Equipment Type = Frequency Hopping Spread Spectrum systems
(DSS)

Frequency MHz = 2402.00000

Active Port = 1

Modulation = BT (8DPSK 3-DH5)

Images:



11:45:41 AM 05/01/2026

Operation Band MHz = [2400,
2483.5]

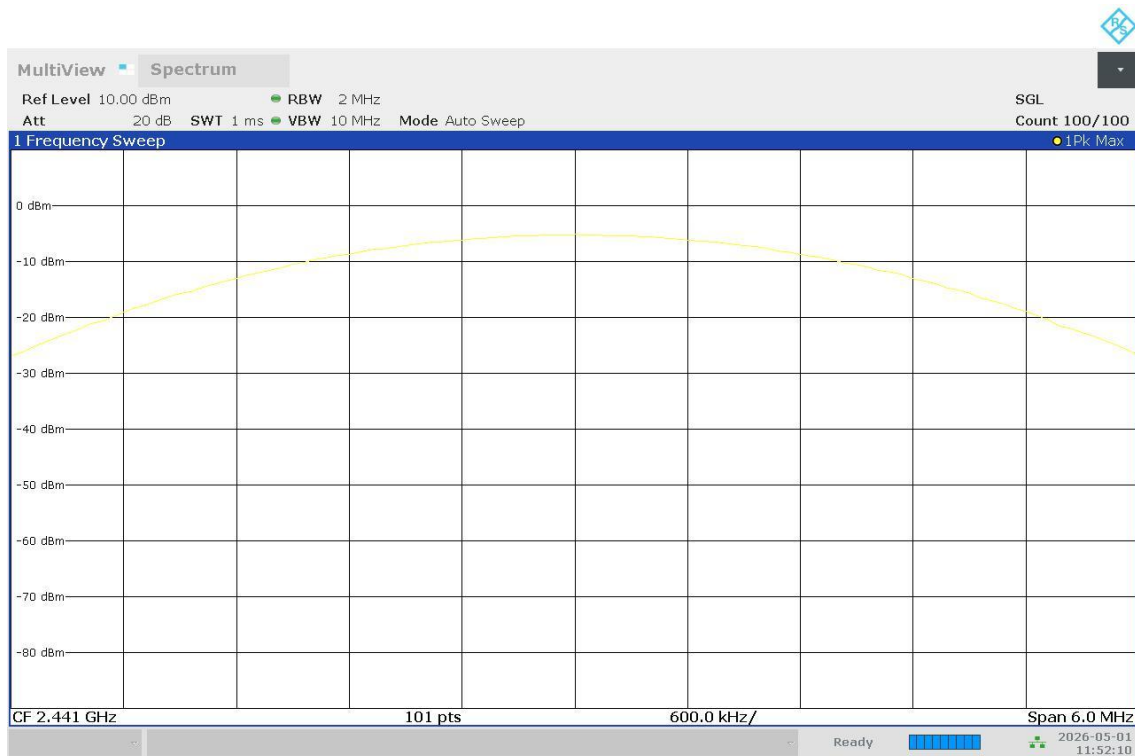
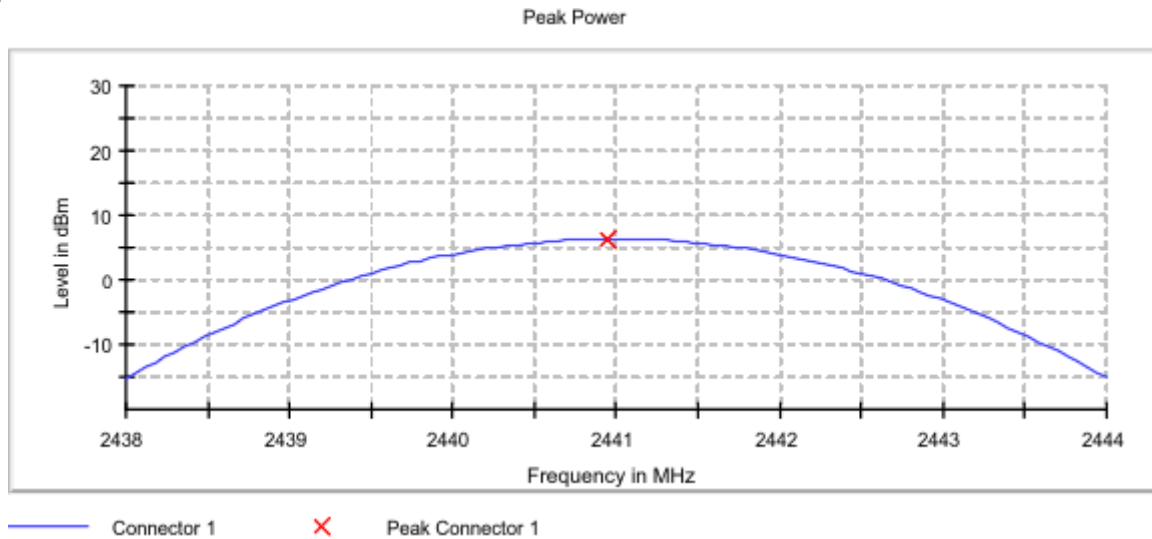
Equipment Type = Frequency Hopping Spread Spectrum systems
(DSS)

Frequency MHz = 2441.00000

Active Port = 1

Modulation = BT (8DPSK 3-DH5)

Images:



11:52:10 AM 05/01/2026

Operation Band MHz = [2400,
2483.5]

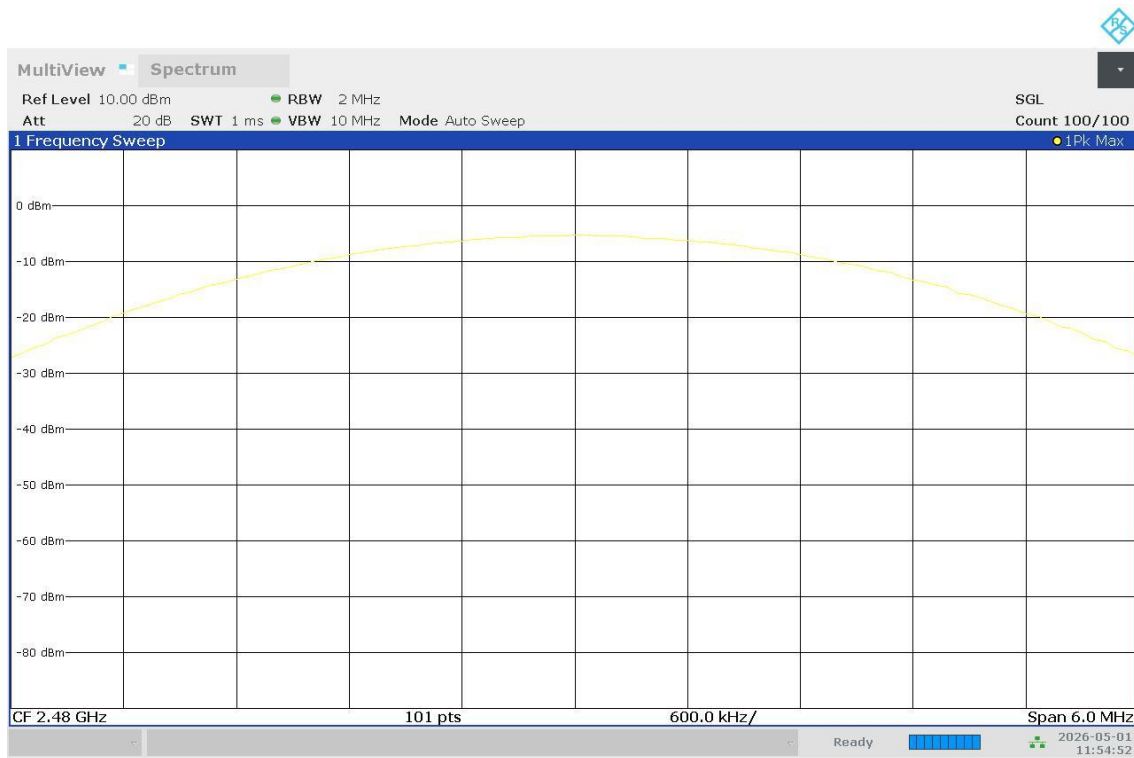
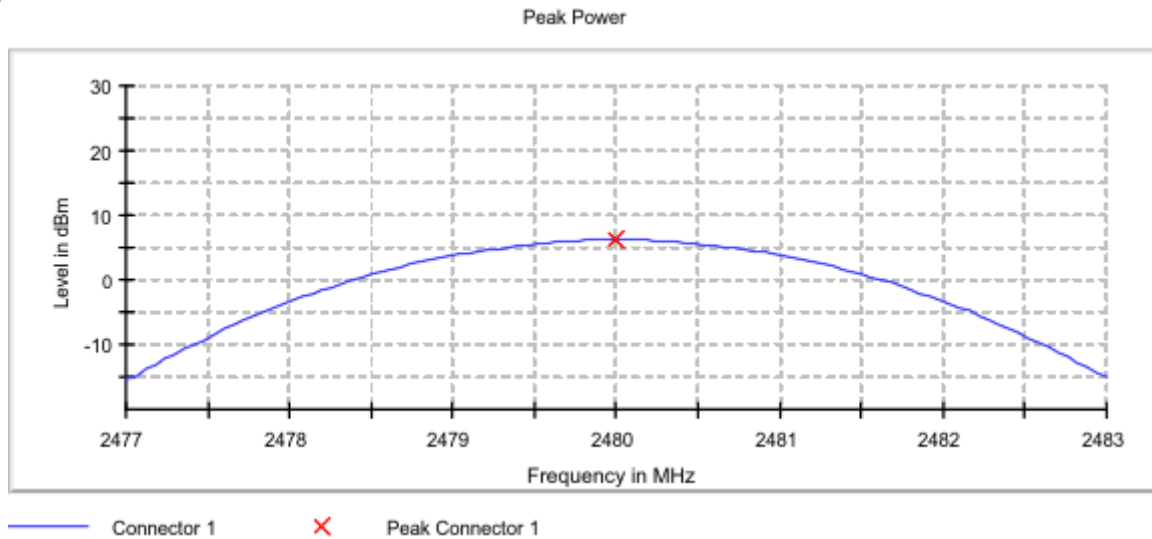
Equipment Type = Frequency Hopping Spread Spectrum systems
(DSS)

Frequency MHz = 2480.00000

Active Port = 1

Modulation = BT (8DPSK 3-DH5)

Images:



11:54:52 AM 05/01/2026

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: 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 (DSS)	0.00000	1	7.700	2399.949972	-53.1
				7.700	2400.000000	-55.9
				7.700	2486.810030	-56.6
				7.700	2399.899944	-53.5
				7.700	2486.860182	-56.8
				7.700	2399.849917	-56.0
				7.700	2486.759878	-57.2
				7.700	2400.000000	-56.1
				7.700	2399.799889	-56.5
				7.700	2486.709726	-57.2
				7.700	2490.370821	-57.4
				7.700	2376.236798	-56.9
				7.700	2490.420973	-57.4
				7.700	2376.186770	-56.9
				7.700	2368.182324	-57.0
				7.700	2491.424012	-57.5
				7.700	2368.232351	-57.1
				7.700	2490.471125	-57.5
				7.700	2493.680851	-57.5
				7.700	2379.238466	-57.1
				7.700	2496.689970	-57.6
				7.700	2399.649805	-57.2
				7.700	2364.230128	-57.2
				7.700	2496.639818	-57.6
				7.700	2379.188438	-57.3
				7.700	2485.806991	-57.6
				7.700	2363.229572	-57.3
				7.700	2486.408815	-57.6
				7.700	2339.166203	-57.3

Operation Band (MHz)	Equipment	Freq (MHz)	Port	Inband Peak Lvl (dBm)	Freq (MHz)	Lvl (dBm)
				7.700	2497.592705	-57.6
		2402.00000		7.400	2399.899944	-53.1
				7.400	2399.799889	-53.6
				7.400	2399.849917	-53.7
				7.400	2399.949972	-54.0
				7.400	2399.749861	-54.3
				7.400	2400.000000	-54.3
				7.400	2399.499722	-55.0
				7.400	2399.599778	-55.0
				7.400	2399.649805	-55.2
				7.400	2399.449694	-55.3
				7.400	2399.699833	-55.5
				7.400	2399.549750	-55.8
				7.400	2399.249583	-56.1
				7.400	2399.299611	-56.3
				7.400	2399.199555	-56.6
				2480.00000	7.100	2483.600304
		7.100			2483.550152	-58.3
		7.100			2483.750760	-58.9
		7.100			2483.800912	-59.3
		7.100			2483.700608	-59.4
		7.100			2483.650456	-59.5
		7.100			2483.851064	-60.2
		7.100			2484.402736	-60.2
		7.100			2484.452888	-60.3
		7.100			2484.051672	-60.4
		7.100			2484.001520	-60.4
		7.100			2484.101824	-60.8
		7.100			2483.901216	-60.8
		7.100			2484.302432	-60.9
		7.100			2484.151976	-61.0

Verdict

Pass

Attachments

Operation Band MHz = [2400, 2483.5]

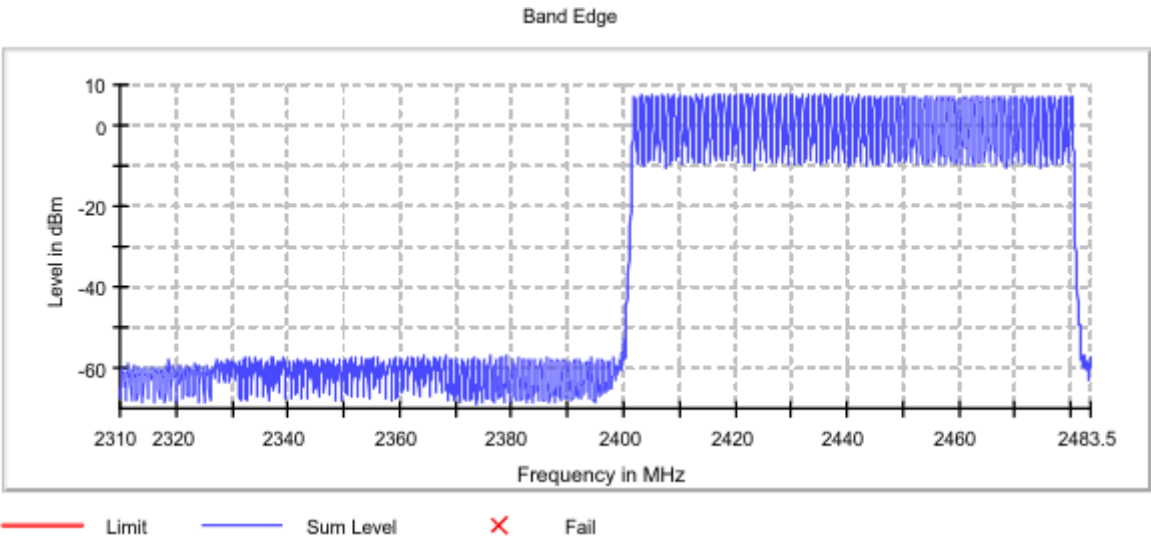
Equipment Type = Frequency Hopping Spread Spectrum systems (DSS)

Frequency MHz = 0.00000

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
Sweptime	1.800 ms	AUTO
Reference Level	0.000 dBm	0.000 dBm
Attenuation	10.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	64 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.00 dB	0.50 dB

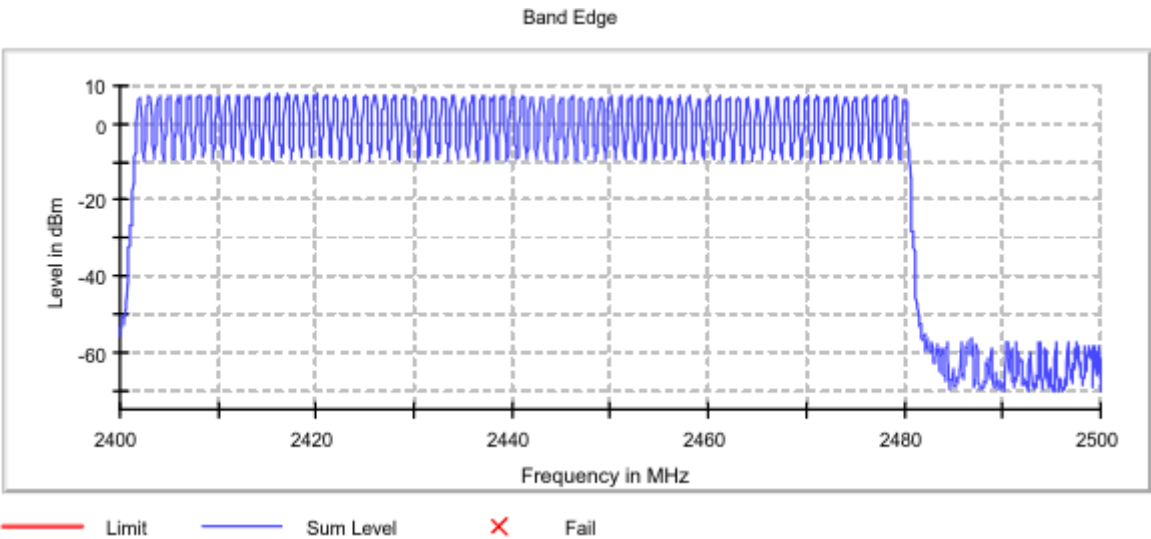
Spectrum Analyzer Parameters 2

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	1.670 ms	AUTO
Reference Level	0.000 dBm	0.000 dBm
Attenuation	10.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	AUTO
Preamplifier	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	125 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.07 dB	0.50 dB

Operation Band MHz = [2400,
2483.5]
Frequency MHz = 0.00000
Modulation = BT (GFSK 1-DH5)

Equipment Type = Frequency Hopping Spread Spectrum systems
(DSS)
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	1.800 ms	AUTO
Reference Level	0.000 dBm	0.000 dBm
Attenuation	10.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	AUTO
Preamplifier	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	64 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.00 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	1.670 ms	AUTO
Reference Level	0.000 dBm	0.000 dBm
Attenuation	10.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	AUTO
Preamplifier	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	125 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.07 dB	0.50 dB

Operation Band MHz = [2400,
2483.5]

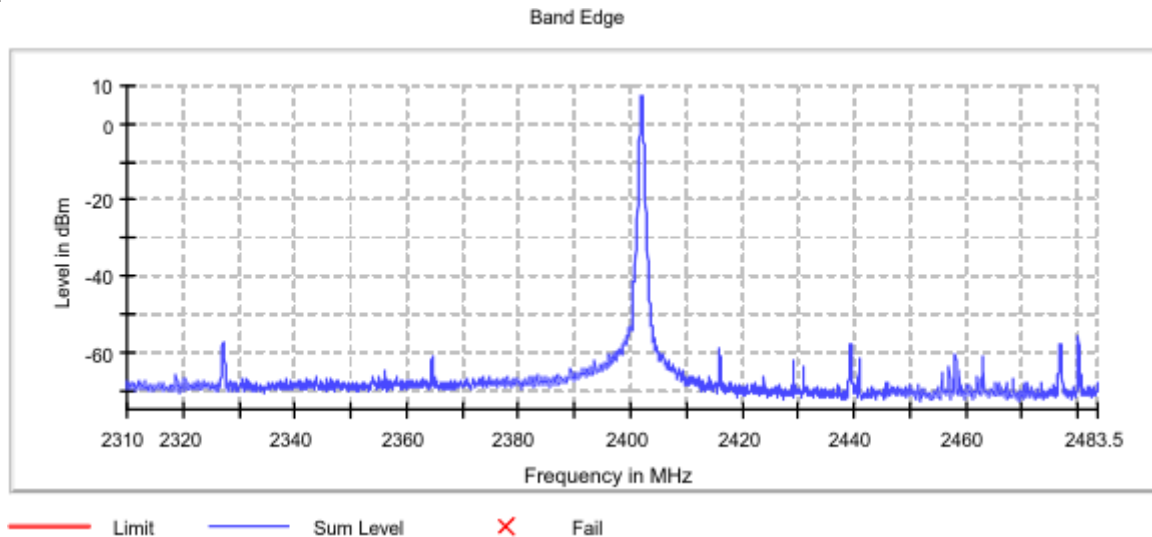
Equipment Type = Frequency Hopping Spread Spectrum systems
(DSS)

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	1.800 ms	AUTO
Reference Level	0.000 dBm	0.000 dBm
Attenuation	10.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	AUTO
Preamplifier	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	64 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.00 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	1.670 ms	AUTO
Reference Level	0.000 dBm	0.000 dBm
Attenuation	10.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	AUTO
Preamplifier	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	125 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.07 dB	0.50 dB

Operation Band MHz = [2400,
2483.5]

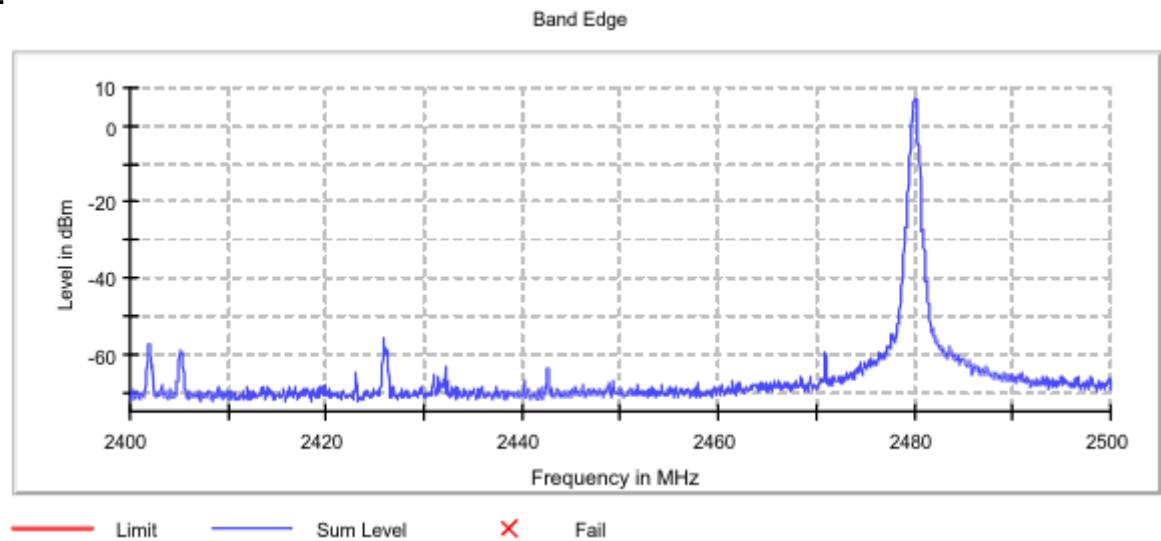
Equipment Type = Frequency Hopping Spread Spectrum systems
(DSS)

Frequency MHz = 2480.00000

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	1.800 ms	AUTO
Reference Level	0.000 dBm	0.000 dBm
Attenuation	10.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	AUTO
Preamplifier	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	64 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.00 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	1.670 ms	AUTO
Reference Level	0.000 dBm	0.000 dBm
Attenuation	10.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	AUTO
Preamplifier	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	125 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.07 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 (DSS)	0.00000	1	3.700	2485.806991	-57.1	
				3.700	2373.185103	-59.1	
				3.700	2373.135075	-59.7	
				3.700	2485.756839	-57.3	
				3.700	2399.549750	-59.9	
				3.700	2488.816109	-58.4	
				3.700	2399.499722	-59.9	
				3.700	2488.063830	-59.3	
				3.700	2400.000000	-60.0	
				3.700	2488.866261	-59.4	
				3.700	2399.599778	-60.1	
				3.700	2488.113982	-59.4	
				3.700	2329.160645	-60.6	
				3.700	2494.784195	-59.4	
				3.700	2486.057751	-59.5	
				3.700	2399.749861	-60.6	
				3.700	2488.364742	-59.7	
				3.700	2399.799889	-60.6	
				3.700	2494.884498	-59.8	
				3.700	2329.210673	-60.8	
				3.700	2488.765957	-59.8	
				3.700	2399.899944	-60.8	
				3.700	2399.949972	-60.8	
				3.700	2494.834347	-59.9	
				3.700	2399.649805	-60.9	
				3.700	2487.762918	-59.9	
				3.700	2488.314590	-60.0	
				3.700	2399.849917	-61.0	
				3.700	2386.192329	-61.3	
				3.700	2493.781155	-60.0	
		2402.00000		3.500	2399.799889	-55.6	
				3.500	2399.749861	-55.7	
				3.500	2399.899944	-56.5	
				3.500	2399.849917	-56.9	
				3.500	2399.949972	-57.3	
				3.500	2399.699833	-57.3	
				3.500	2399.649805	-57.4	
				3.500	2399.549750	-57.7	

Operation Band (MHz)	Equipment	Freq (MHz)	Port	Inband Peak Lvl (dBm)	Freq (MHz)	Lvl (dBm)
				3.500	2399.349639	-58.1
				3.500	2399.599778	-58.5
				3.500	2399.299611	-58.5
				3.500	2399.499722	-58.6
				3.500	2399.449694	-58.6
				3.500	2399.049472	-58.9
				3.500	2400.000000	-59.0
		2480.00000		3.300	2483.550152	-60.3
				3.300	2483.600304	-61.5
				3.300	2483.700608	-61.7
				3.300	2483.650456	-62.0
				3.300	2483.750760	-62.1
				3.300	2483.851064	-62.2
				3.300	2483.951368	-62.3
				3.300	2483.800912	-62.8
				3.300	2484.051672	-63.0
				3.300	2484.001520	-63.0
				3.300	2484.101824	-63.0
				3.300	2483.901216	-63.2
				3.300	2484.151976	-63.6
				3.300	2484.452888	-63.7
				3.300	2484.202128	-63.8

Verdict

Pass

Attachments

Operation Band MHz = [2400, 2483.5]

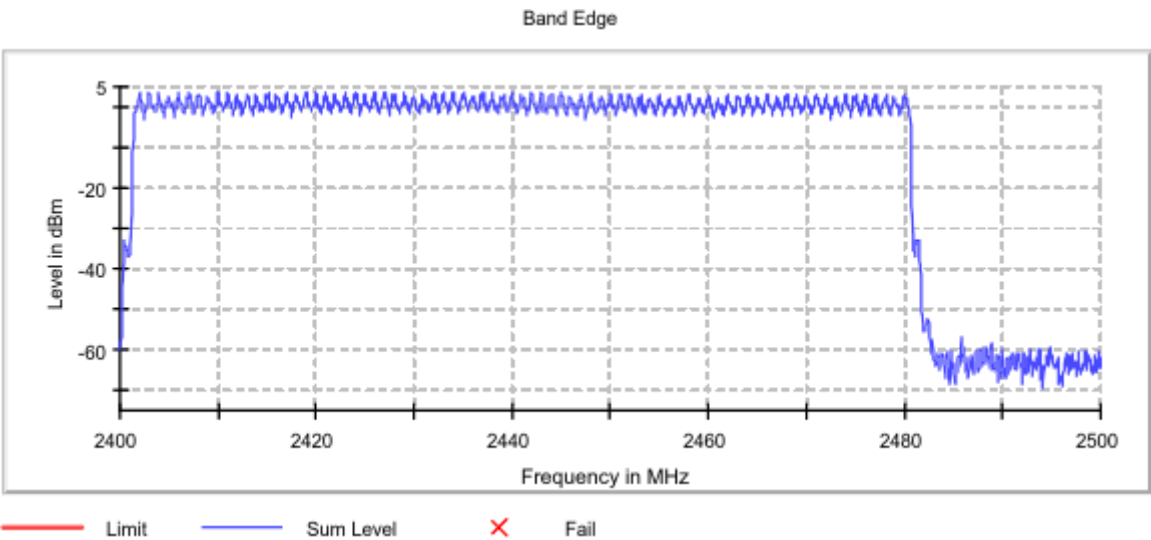
Equipment Type = Frequency Hopping Spread Spectrum systems (DSS)

Frequency MHz = 0.00000

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	1.800 ms	AUTO
Reference Level	0.000 dBm	0.000 dBm
Attenuation	10.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweeptype	Sweep	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	1.670 ms	AUTO
Reference Level	0.000 dBm	0.000 dBm
Attenuation	10.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	143 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.00 dB	0.50 dB

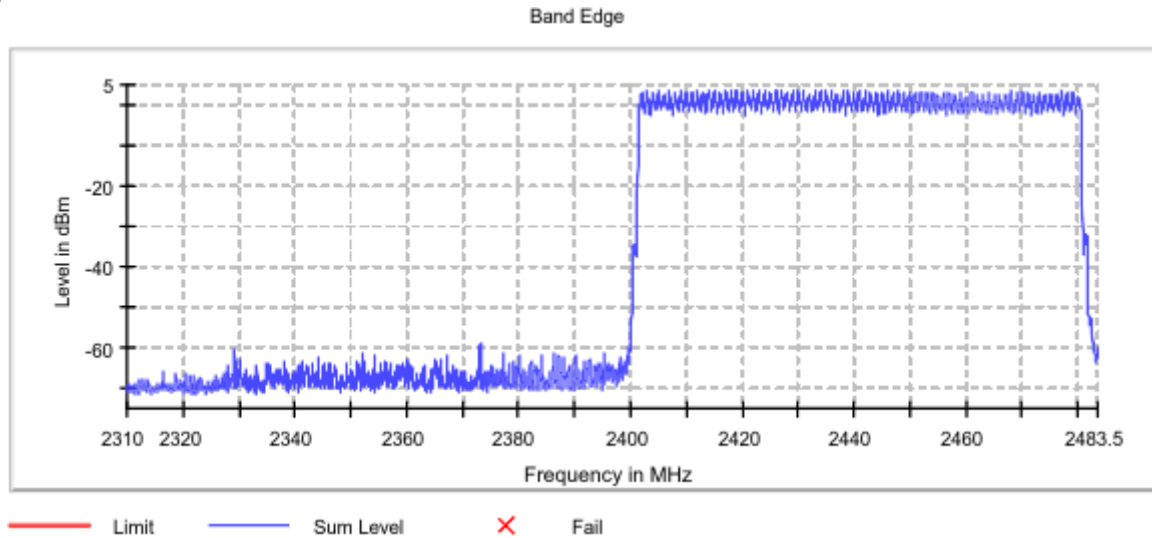
Operation Band MHz = [2400, 2483.5] Equipment Type = Frequency Hopping Spread Spectrum systems (DSS)

Frequency MHz = 0.00000

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	1.800 ms	AUTO
Reference Level	0.000 dBm	0.000 dBm
Attenuation	10.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	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

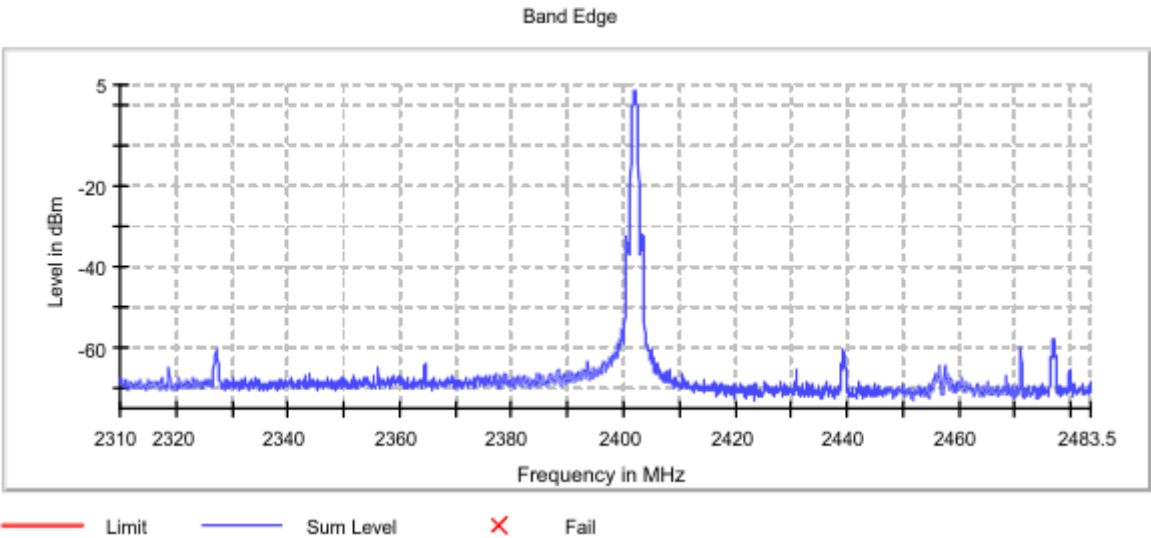
Setting	Instrument Value	Target Value
Start Frequency	2.40000 GHz	2.40000 GHz
Stop Frequency	2.48350 GHz	2.48350 GHz
Span	83.500 MHz	83.500 MHz
RBW	100.000 kHz	<= 100.000 kHz
VBW	300.000 kHz	>= 300.000 kHz
SweepPoints	1670	~ 1670
SweepTime	1.670 ms	AUTO
Reference Level	0.000 dBm	0.000 dBm
Attenuation	10.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	AUTO
Preamplifier	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	143 / 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 (DSS)

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	1.800 ms	AUTO
Reference Level	0.000 dBm	0.000 dBm
Attenuation	10.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	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	1.670 ms	AUTO
Reference Level	0.000 dBm	0.000 dBm
Attenuation	10.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	AUTO
Preamplifier	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	143 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.00 dB	0.50 dB

Operation Band MHz = [2400, 2483.5]

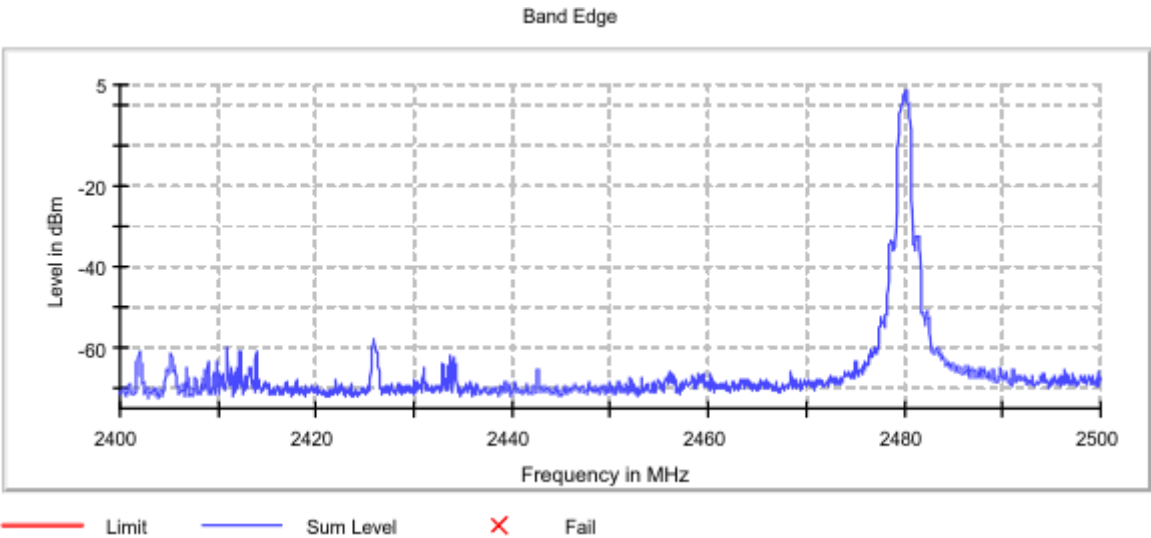
Equipment Type = Frequency Hopping Spread Spectrum systems (DSS)

Frequency MHz = 2480.00000

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	1.800 ms	AUTO
Reference Level	0.000 dBm	0.000 dBm
Attenuation	10.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	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	1.670 ms	AUTO
Reference Level	0.000 dBm	0.000 dBm
Attenuation	10.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	AUTO
Preamplifier	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	143 / 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 (DSS)	0.00000	1	3.900	2485.355623	-57.8	
				3.800	2400.000000	-58.5	
				3.900	2485.405775	-58.2	
				3.800	2332.212340	-60.5	
				3.800	2351.222902	-60.9	
				3.900	2494.784195	-58.2	
				3.900	2494.734043	-58.3	
				3.800	2351.172874	-61.0	
				3.800	2391.195108	-61.3	
				3.900	2483.750760	-58.3	
				3.900	2486.408815	-58.5	
				3.800	2332.162312	-61.4	
				3.800	2391.245136	-61.5	
				3.900	2499.749240	-58.7	
				3.900	2488.715805	-58.9	
				3.800	2387.192885	-61.6	
				3.800	2390.194553	-61.7	
				3.900	2490.721884	-58.9	
				3.800	2332.262368	-61.8	
				3.900	2485.907295	-59.0	
				3.800	2354.124514	-62.0	
				3.900	2400.000000	-59.0	
				3.800	2354.174541	-62.1	
				3.900	2485.857143	-59.1	
				3.900	2499.699088	-59.1	
				3.800	2399.849917	-62.3	
				3.800	2387.342968	-62.4	
				3.900	2488.765957	-59.1	
				3.900	2486.358663	-59.2	
				3.800	2399.899944	-62.4	
		2402.00000		3.500	2399.949972	-56.5	
				3.500	2399.899944	-56.6	
				3.500	2399.799889	-57.2	
				3.500	2399.849917	-57.8	
				3.500	2399.699833	-57.8	
				3.500	2399.749861	-58.2	
				3.500	2399.549750	-58.4	
				3.500	2399.349639	-58.4	

Operation Band (MHz)	Equipment	Freq (MHz)	Port	Inband Peak Lvl (dBm)	Freq (MHz)	Lvl (dBm)	
				3.500	2400.000000	-58.4	
				3.500	2399.499722	-58.5	
				3.500	2399.649805	-58.7	
				3.500	2399.399666	-58.9	
				3.500	2399.599778	-59.0	
				3.500	2399.299611	-59.5	
				3.500	2399.449694	-59.5	
		2480.00000		3.300	2483.800912	-62.0	
				3.300	2483.750760	-62.1	
				3.300	2483.550152	-62.2	
				3.300	2484.051672	-62.3	
				3.300	2483.951368	-62.5	
				3.300	2484.452888	-62.5	
				3.300	2484.252280	-62.7	
				3.300	2483.700608	-62.9	
				3.300	2483.600304	-63.0	
				3.300	2484.001520	-63.0	
				3.300	2484.151976	-63.0	
				3.300	2483.901216	-63.1	
				3.300	2483.851064	-63.3	
				3.300	2486.007599	-63.4	
				3.300	2484.402736	-63.5	

Verdict

Pass

Attachments

Operation Band MHz = [2400,
2483.5]

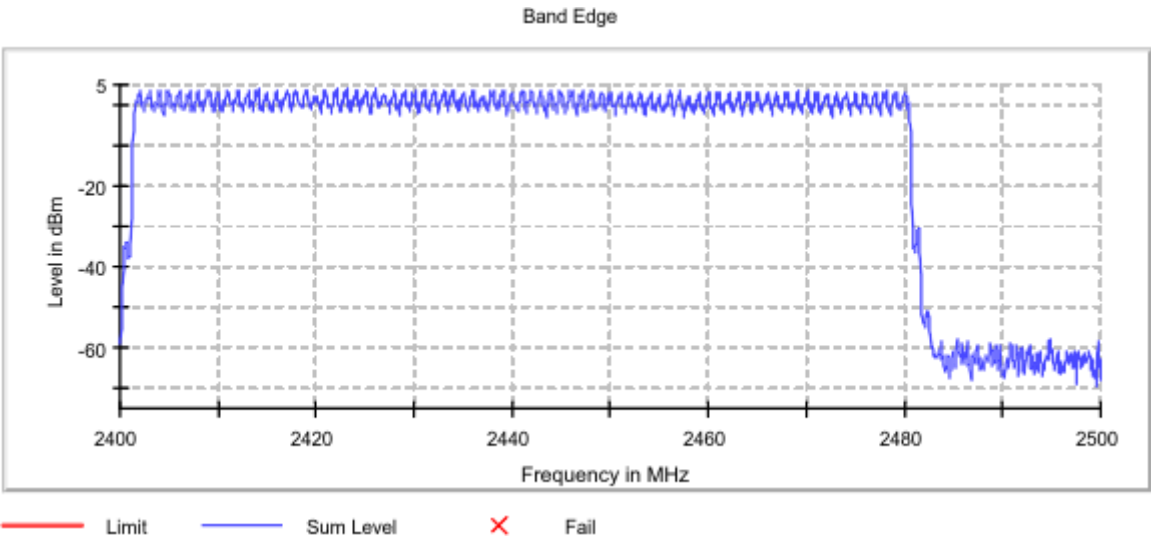
Equipment Type = Frequency Hopping Spread Spectrum systems
(DSS)

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	1.800 ms	AUTO
Reference Level	0.000 dBm	0.000 dBm
Attenuation	10.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	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
Sweptime	1.670 ms	AUTO
Reference Level	0.000 dBm	0.000 dBm
Attenuation	10.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	AUTO
Preamplifier	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	142 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.09 dB	0.50 dB

Operation Band MHz = [2400,
2483.5]

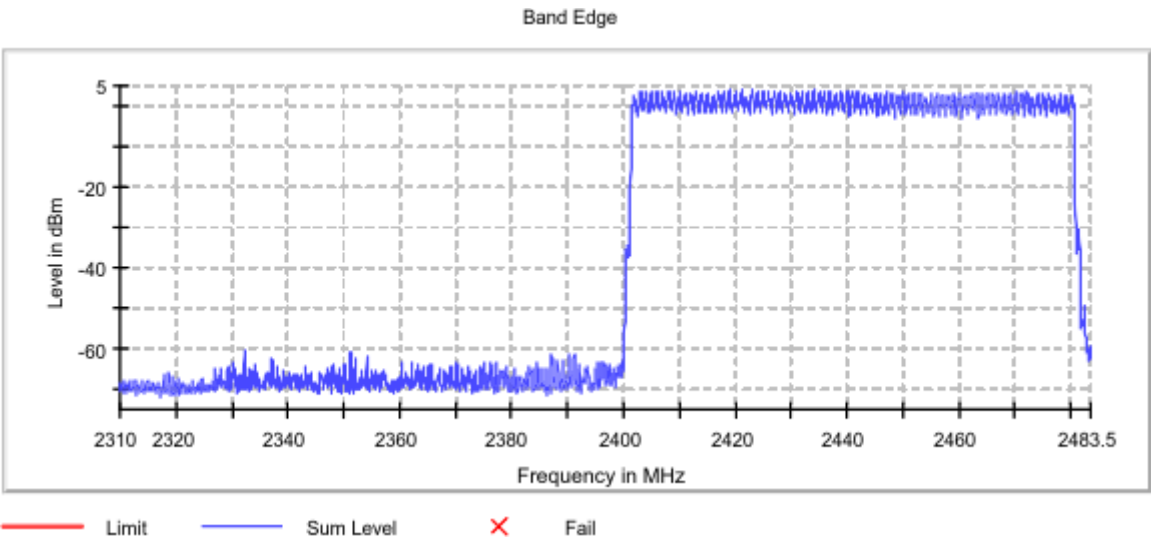
Equipment Type = Frequency Hopping Spread Spectrum systems
(DSS)

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	1.800 ms	AUTO
Reference Level	0.000 dBm	0.000 dBm
Attenuation	10.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	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	1.670 ms	AUTO
Reference Level	0.000 dBm	0.000 dBm
Attenuation	10.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	AUTO
Preamplifier	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	142 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.09 dB	0.50 dB

Operation Band MHz = [2400, 2483.5]

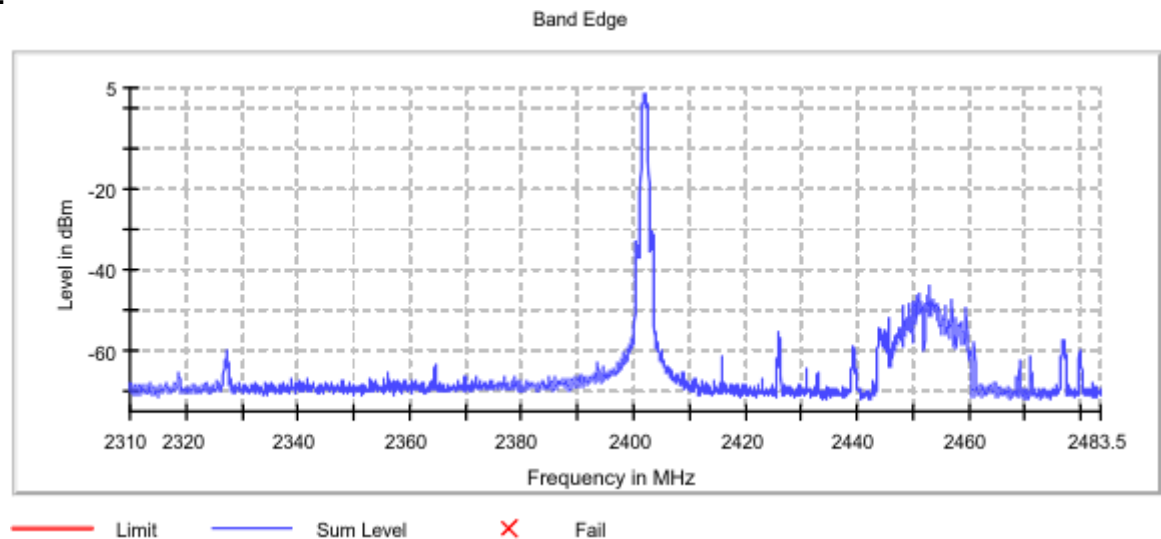
Equipment Type = Frequency Hopping Spread Spectrum systems (DSS)

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	1.800 ms	AUTO
Reference Level	0.000 dBm	0.000 dBm
Attenuation	10.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	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	1.670 ms	AUTO
Reference Level	0.000 dBm	0.000 dBm
Attenuation	10.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	AUTO
Preamplifier	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	142 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.09 dB	0.50 dB

Operation Band MHz = [2400,
2483.5]

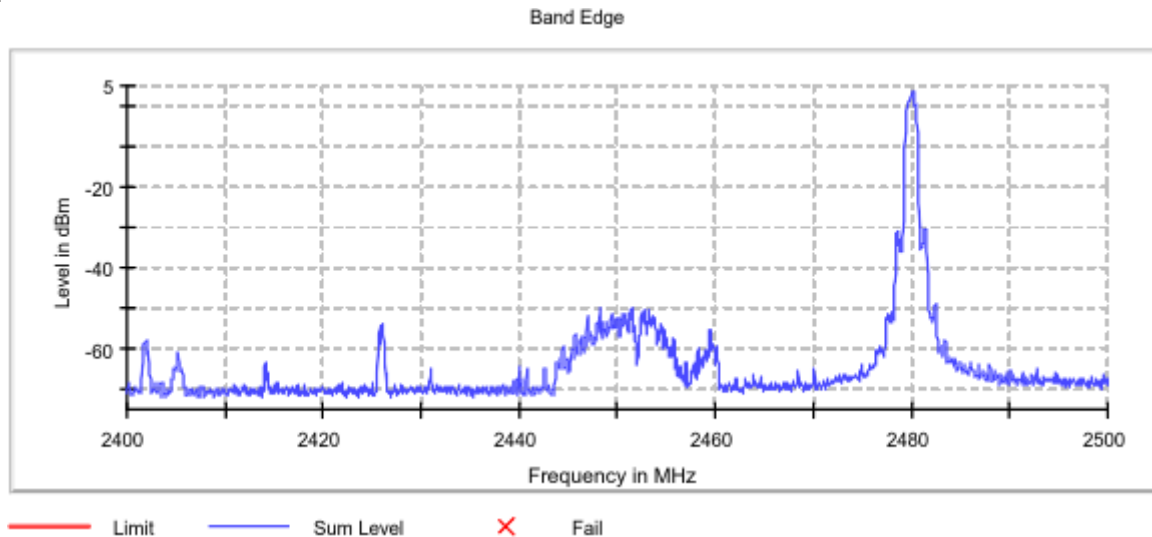
Equipment Type = Frequency Hopping Spread Spectrum systems
(DSS)

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	1.800 ms	AUTO
Reference Level	0.000 dBm	0.000 dBm
Attenuation	10.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	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	1.670 ms	AUTO
Reference Level	0.000 dBm	0.000 dBm
Attenuation	10.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	AUTO
Preamplifier	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	142 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.09 dB	0.50 dB

Modulation: 802.11b (DSSS 1 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	1.800	2398.499166	-39.4
				1.800	2398.549194	-39.9
				1.800	2399.499722	-40.3
				1.800	2398.449138	-40.4
				1.800	2399.549750	-40.6
				1.800	2397.498610	-40.7
				1.800	2397.948860	-41.1
				1.800	2397.548638	-41.1
				1.800	2398.198999	-41.2
				1.800	2398.249027	-41.3
				1.800	2397.898833	-41.4
				1.800	2397.448583	-41.6
				1.800	2399.449694	-41.8
				1.800	2397.998888	-41.9
				1.800	2398.299055	-42.0
		2462.00000		2.000	2499.648936	-54.4
				2.000	2484.503040	-54.4
				2.000	2499.699088	-54.6
				2.000	2494.282675	-54.6
				2.000	2496.740122	-54.9
				2.000	2493.079027	-54.9
				2.000	2492.978723	-54.9
				2.000	2493.028875	-54.9
				2.000	2487.813070	-55.2
				2.000	2484.452888	-55.3
				2.000	2497.392097	-55.3
				2.000	2492.326748	-55.3
				2.000	2494.332827	-55.4
				2.000	2489.919453	-55.5
				2.000	2490.621581	-55.5

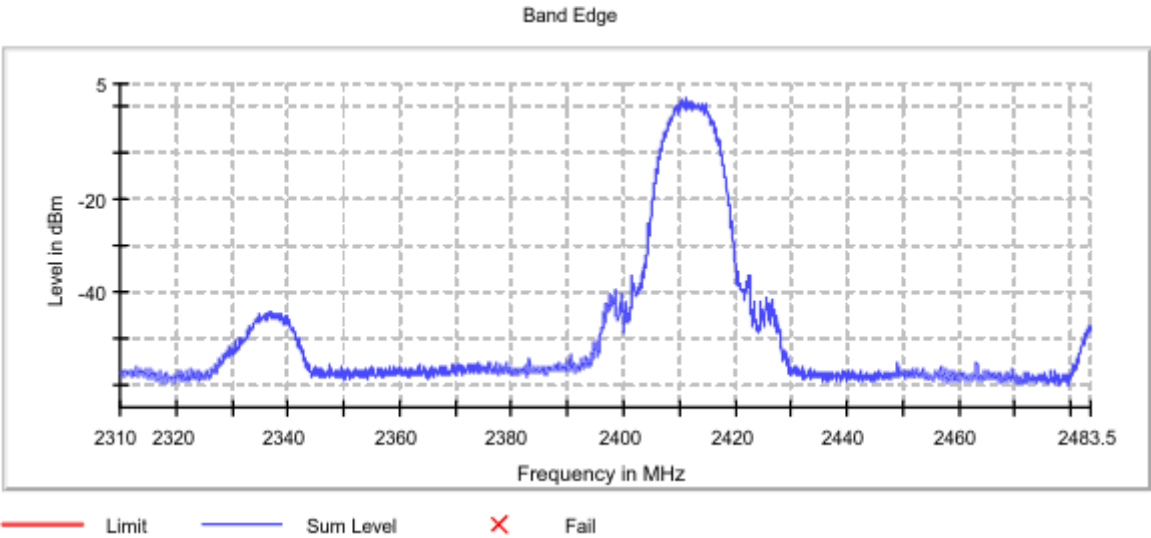
Verdict

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 1 Mbit/s)

Images:



Tables:

Spectrum Analyzer Parameters 1

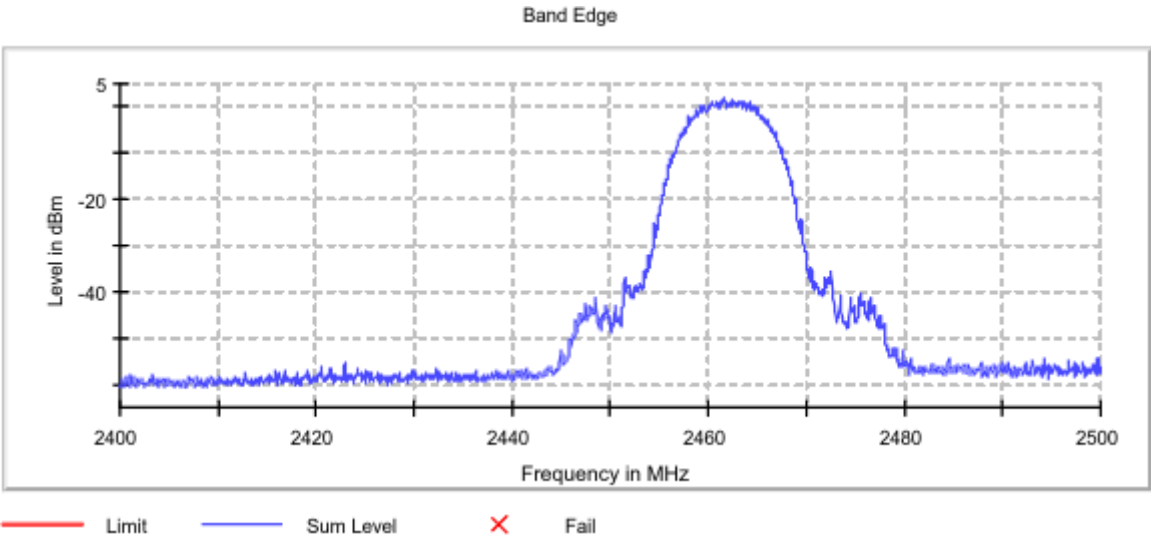
Setting	Instrument Value	Target Value
Start Frequency	2.31000 GHz	2.31000 GHz
Stop Frequency	2.40000 GHz	2.40000 GHz
Span	90.000 MHz	90.000 MHz
RBW	100.000 kHz	<= 100.000 kHz
VBW	300.000 kHz	>= 300.000 kHz
SweepPoints	1800	~ 1800
Sweeptime	1.800 ms	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	20.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweeptype	Sweep	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	47 / 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	1.670 ms	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	20.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	AUTO
Preamplifier	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	45 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.18 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 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	1.800 ms	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	20.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	AUTO
Preamplifier	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	47 / 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	1.670 ms	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	20.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	AUTO
Preamplifier	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	45 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.18 dB	0.50 dB

Modulation: 802.11g (OFDM 6 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	-2.400	2398.249027	-36.9
				-2.400	2398.198999	-37.3
				-2.400	2396.998332	-37.5
				-2.400	2397.048360	-37.8
				-2.400	2398.299055	-38.1
				-2.400	2396.948305	-38.1
				-2.400	2397.598666	-38.4
				-2.400	2397.648694	-38.5
				-2.400	2399.849917	-39.1
				-2.400	2398.849361	-39.1
				-2.400	2397.848805	-39.1
				-2.400	2398.899389	-39.2
				-2.400	2397.798777	-39.4
				-2.400	2397.898833	-39.4
				-2.400	2398.599222	-39.5
		2462.00000		-1.900	2483.800912	-46.2
				-1.900	2483.851064	-46.6
				-1.900	2485.305471	-46.8
				-1.900	2483.901216	-47.1
				-1.900	2484.101824	-47.1
				-1.900	2483.750760	-47.2
				-1.900	2484.151976	-47.3
				-1.900	2483.550152	-47.4
				-1.900	2483.600304	-47.5
				-1.900	2484.202128	-47.6
				-1.900	2485.355623	-47.7
				-1.900	2484.452888	-47.8
				-1.900	2484.603343	-47.8
				-1.900	2485.857143	-47.8
				-1.900	2484.803951	-47.9

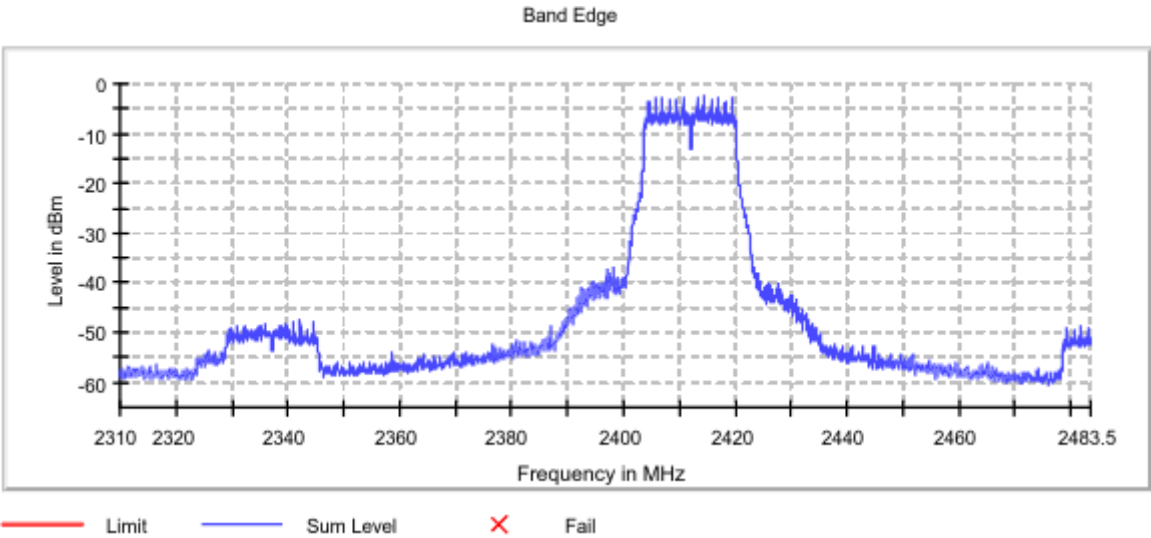
Verdict

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 6 Mbit/s)

Images:



Tables:

Spectrum Analyzer Parameters 1

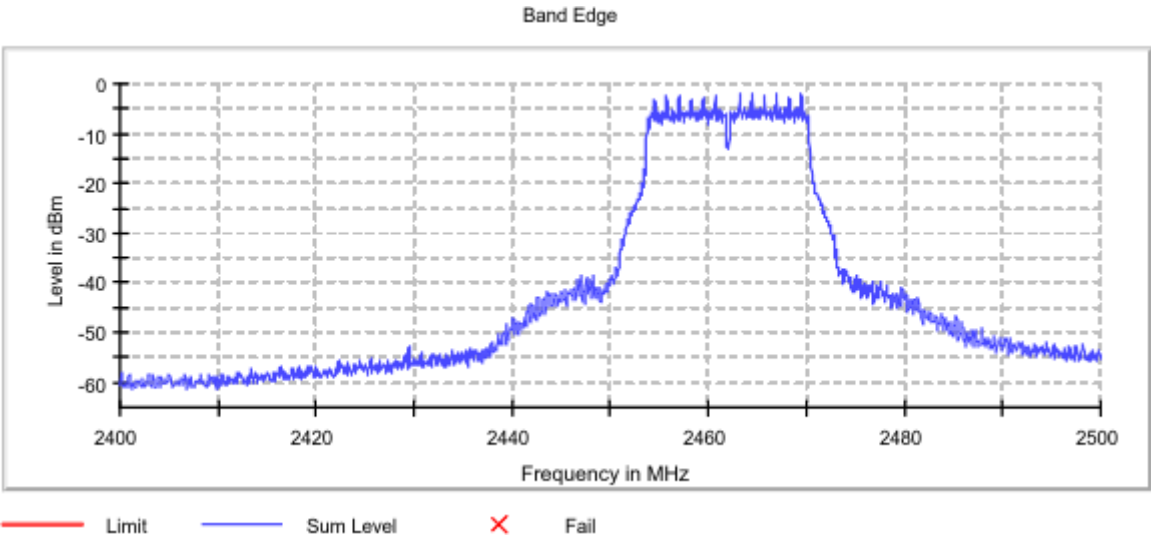
Setting	Instrument Value	Target Value
Start Frequency	2.31000 GHz	2.31000 GHz
Stop Frequency	2.40000 GHz	2.40000 GHz
Span	90.000 MHz	90.000 MHz
RBW	100.000 kHz	<= 100.000 kHz
VBW	300.000 kHz	>= 300.000 kHz
SweepPoints	1800	~ 1800
Sweptime	1.800 ms	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	20.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
Sweeptype	Sweep	AUTO
Preamp	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	0.09 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	1.670 ms	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	20.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	AUTO
Preamplifier	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	16 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.34 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 6 Mbit/s)

Images:



Tables:

Spectrum Analyzer Parameters 1

Setting	Instrument Value	Target Value
Start Frequency	2.31000 GHz	2.31000 GHz
Stop Frequency	2.40000 GHz	2.40000 GHz
Span	90.000 MHz	90.000 MHz
RBW	100.000 kHz	<= 100.000 kHz
VBW	300.000 kHz	>= 300.000 kHz
SweepPoints	1800	~ 1800
SweepTime	1.800 ms	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	20.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	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	0.09 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	1.670 ms	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	20.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	AUTO
Preamplifier	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	16 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.34 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	-2.400	2399.799889	-35.7
				-2.400	2399.849917	-36.2
				-2.400	2399.749861	-36.6
				-2.400	2399.499722	-37.0
				-2.400	2399.549750	-37.0
				-2.400	2399.899944	-37.6
				-2.400	2398.249027	-37.8
				-2.400	2399.199555	-37.9
				-2.400	2398.198999	-38.0
				-2.400	2395.447471	-38.1
				-2.400	2395.397443	-38.3
				-2.400	2398.549194	-38.3
				-2.400	2399.249583	-38.4
				-2.400	2399.449694	-38.6
				-2.400	2398.299055	-38.7
		2462.00000		-2.000	2483.550152	-43.9
				-2.000	2484.101824	-44.5
				-2.000	2484.051672	-44.5
				-2.000	2484.202128	-45.1
				-2.000	2484.151976	-45.1
				-2.000	2483.750760	-45.5
				-2.000	2483.700608	-45.5
				-2.000	2483.851064	-45.5
				-2.000	2483.800912	-45.7
				-2.000	2484.503040	-45.8
				-2.000	2483.901216	-45.9
				-2.000	2484.452888	-45.9
-2.000	2483.650456	-45.9				
-2.000	2484.302432	-46.0				
-2.000	2485.104863	-46.0				

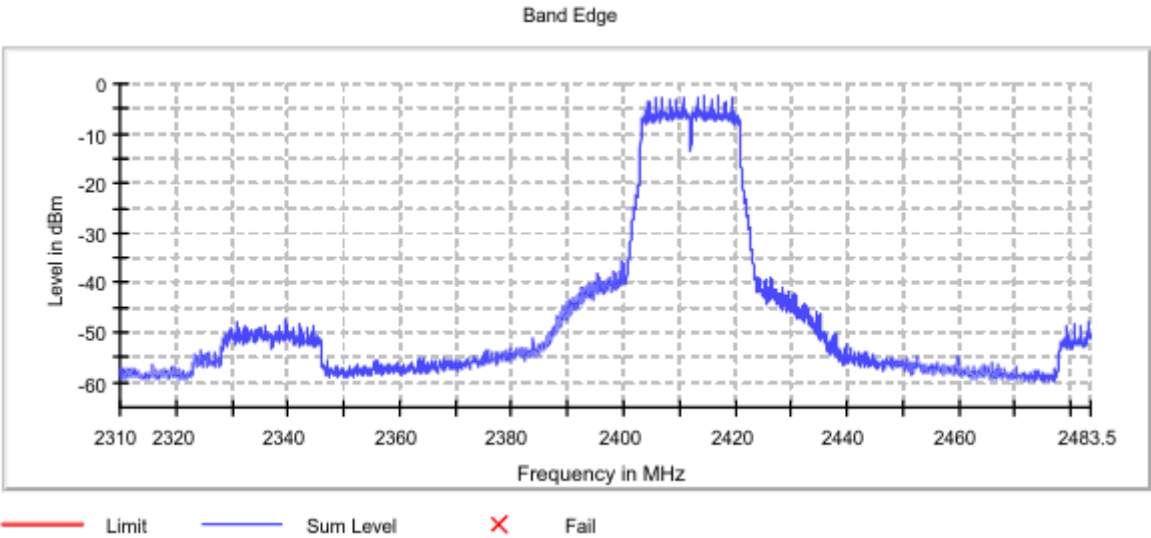
Verdict

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
Sweptime	1.800 ms	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	20.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	35 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.30 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	1.670 ms	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	20.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	AUTO
Preamplifier	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	36 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.45 dB	0.50 dB

Operation Band MHz = [2400, 2483.5]

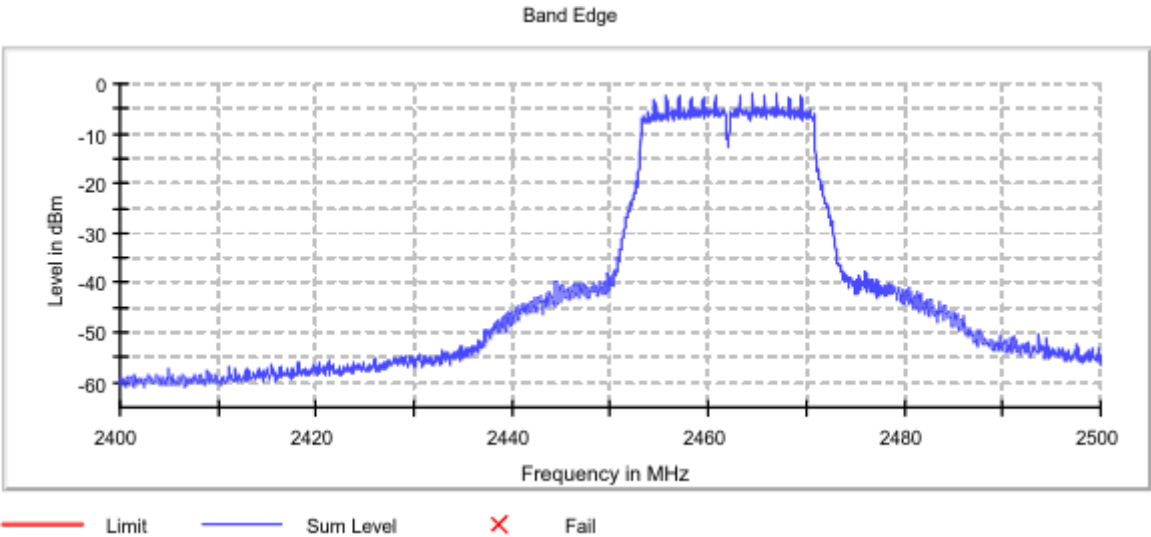
Equipment Type = Digital Transmission System (DTS)

Frequency MHz = 2462.00000

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	1.800 ms	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	20.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	AUTO
Preamplifier	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	35 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.30 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	1.670 ms	AUTO
Reference Level	10.000 dBm	10.000 dBm
Attenuation	20.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	Sweep	AUTO
Preamplifier	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	36 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.45 dB	0.50 dB

RSS-247 6.6 / 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:

9 kHz to 30 MHz: Measurements were not performed in this frequency range because, based on the EUT technical documentation. Therefore, measurements below 30 MHz were not required in accordance with 47 CFR § 15.33(a)(1)

30 MHz to 1 GHz: Emissions within this frequency range are mainly related to the EUT digital circuitry, internal clocks and power supply. These emissions are not dependent on the transmitter channel or modulation. Therefore, this range was investigated using one representative worst-case channel and modulation configuration.

18 GHz to 40 GHz: No transmitter harmonics associated with the operating frequency fall within this frequency range, and the potential emissions are not dependent on the selected transmitter channel or modulation. Therefore, this range was investigated using one representative worst-case channel and modulation configuration.

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

Modulation: BT (GFSK 1-DH5)

Results

Operation Band (MHz)	Freq Rng (GHz)	Equipment	Freq (MHz)	Port	Unwanted Freq (MHz)	Unwanted Lvl (dBµV/m)	Pol	Detector
[2400, 2483.5]	[0.03, 1]	Freq. Hopping Spread Spectrum (DSS)	2402.00000	1	38.002500	5.5	V	QP
[2400, 2483.5]	[0.03, 1]	Freq. Hopping Spread Spectrum (DSS)	2402.00000	1	167.982500	17.8	H	QP
[2400, 2483.5]	[0.03, 1]	Freq. Hopping Spread Spectrum (DSS)	2402.00000	1	172.008000	27.0	H	QP
[2400, 2483.5]	[0.03, 1]	Freq. Hopping Spread Spectrum (DSS)	2402.00000	1	269.978000	25.6	V	QP
[2400, 2483.5]	[0.03, 1]	Freq. Hopping Spread Spectrum (DSS)	2402.00000	1	608.168500	16.5	H	QP
[2400, 2483.5]	[0.03, 1]	Freq. Hopping Spread Spectrum (DSS)	2402.00000	1	993.549500	31.4	H	QP
[2400, 2483.5]	[1, 18]	Freq. Hopping Spread Spectrum (DSS)	2402.00000	1	1038.000	35.20	H	AVG
[2400, 2483.5]	[1, 18]	Freq. Hopping Spread Spectrum (DSS)	2402.00000	1	2402.000	104.70	V	AVG
[2400, 2483.5]	[1, 18]	Freq. Hopping Spread Spectrum (DSS)	2402.00000	1	4087.500	35.40	H	AVG
[2400, 2483.5]	[1, 18]	Freq. Hopping Spread Spectrum (DSS)	2441.00000	1	1125.000	36.00	H	AVG
[2400, 2483.5]	[1, 18]	Freq. Hopping Spread Spectrum (DSS)	2441.00000	1	2441.000	105.10	V	AVG
[2400, 2483.5]	[1, 18]	Freq. Hopping Spread Spectrum (DSS)	2441.00000	1	3881.500	34.50	V	AVG
[2400, 2483.5]	[1, 18]	Freq. Hopping Spread Spectrum (DSS)	2480.00000	1	1038.500	35.80	H	AVG
[2400, 2483.5]	[1, 18]	Freq. Hopping Spread Spectrum (DSS)	2480.00000	1	11747.000	43.30	V	AVG
[2400, 2483.5]	[1, 18]	Freq. Hopping Spread Spectrum (DSS)	2480.00000	1	2402.000	101.20	V	AVG

Verdict> Pass

Attachments

Operation Band MHz = [2400, 2483.5]

Frequency Range GHz = [0.03, 1]

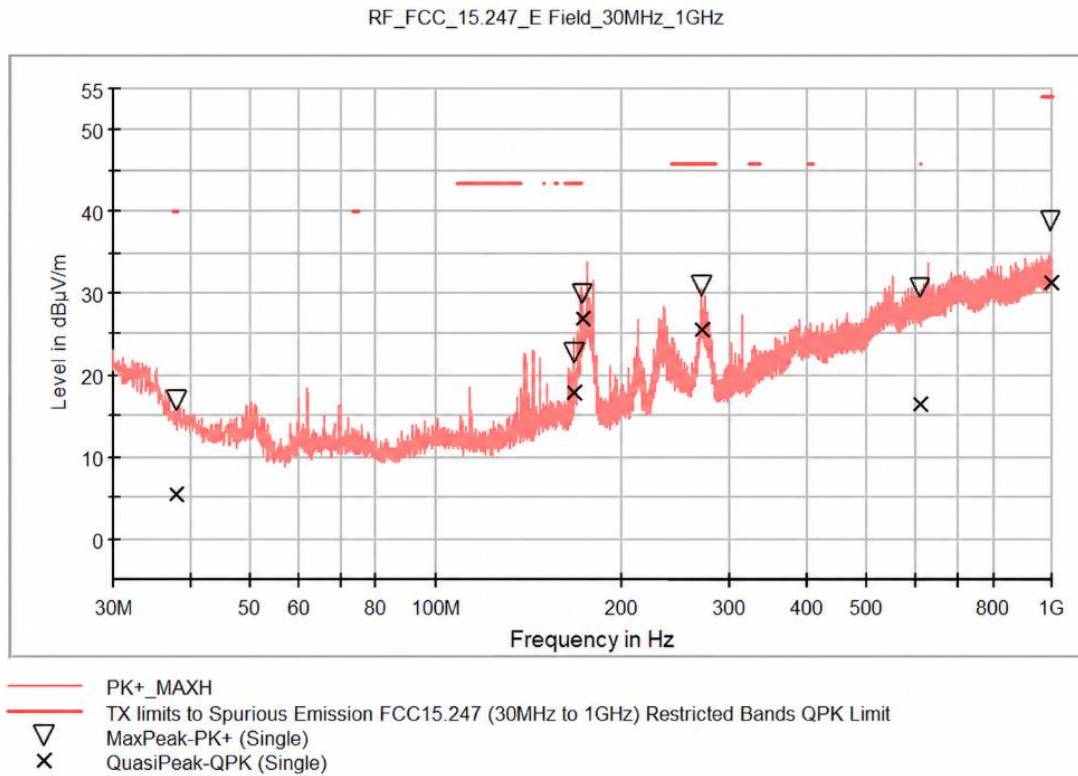
Equipment Type = Frequency Hopping Spread Spectrum systems (DSS)

Frequency MHz = 2402.00000

Active Port = 1

Modulation = BT (GFSK 1-DH5)

Images:



Operation Band MHz = [2400, 2483.5]

Frequency Range GHz = [1, 18]

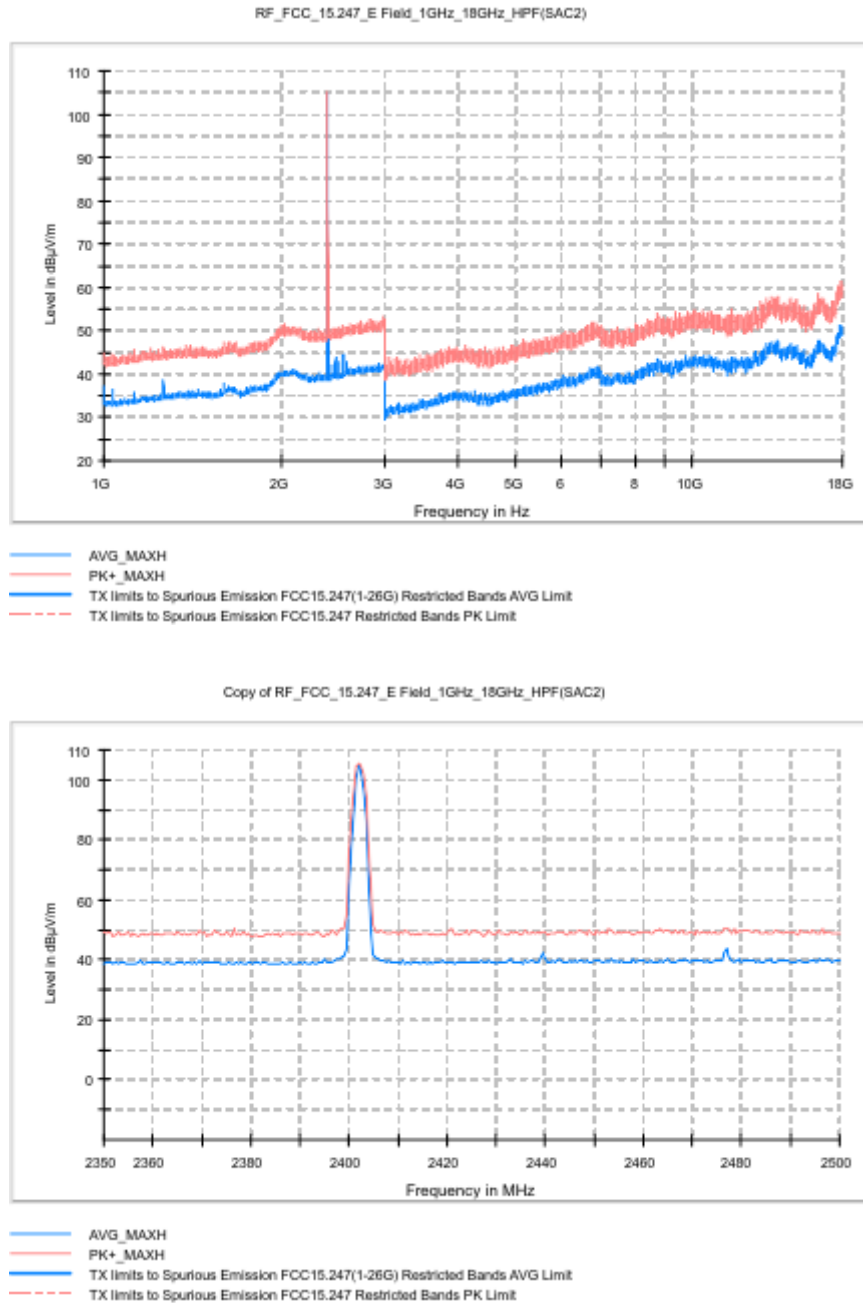
Equipment Type = Frequency Hopping Spread Spectrum systems (DSS)

Frequency MHz = 2402.00000

Active Port = 1

Modulation = BT (GFSK 1-DH5)

Images:



Tables:

Spectrum Analyzer Parameters

Subrange	Step Size	Detectors	Bandwidth	Sweep Time	Preamp
1 GHz - 3 GHz	500 kHz	PK+ ; RMS	1 MHz	0.1 s	20 dB
3 GHz - 18 GHz	500 kHz	PK+ ; RMS	1 MHz	0.1 s	20 dB

Operation Band MHz = [2400, 2483.5]

Frequency Range GHz = [1, 18]

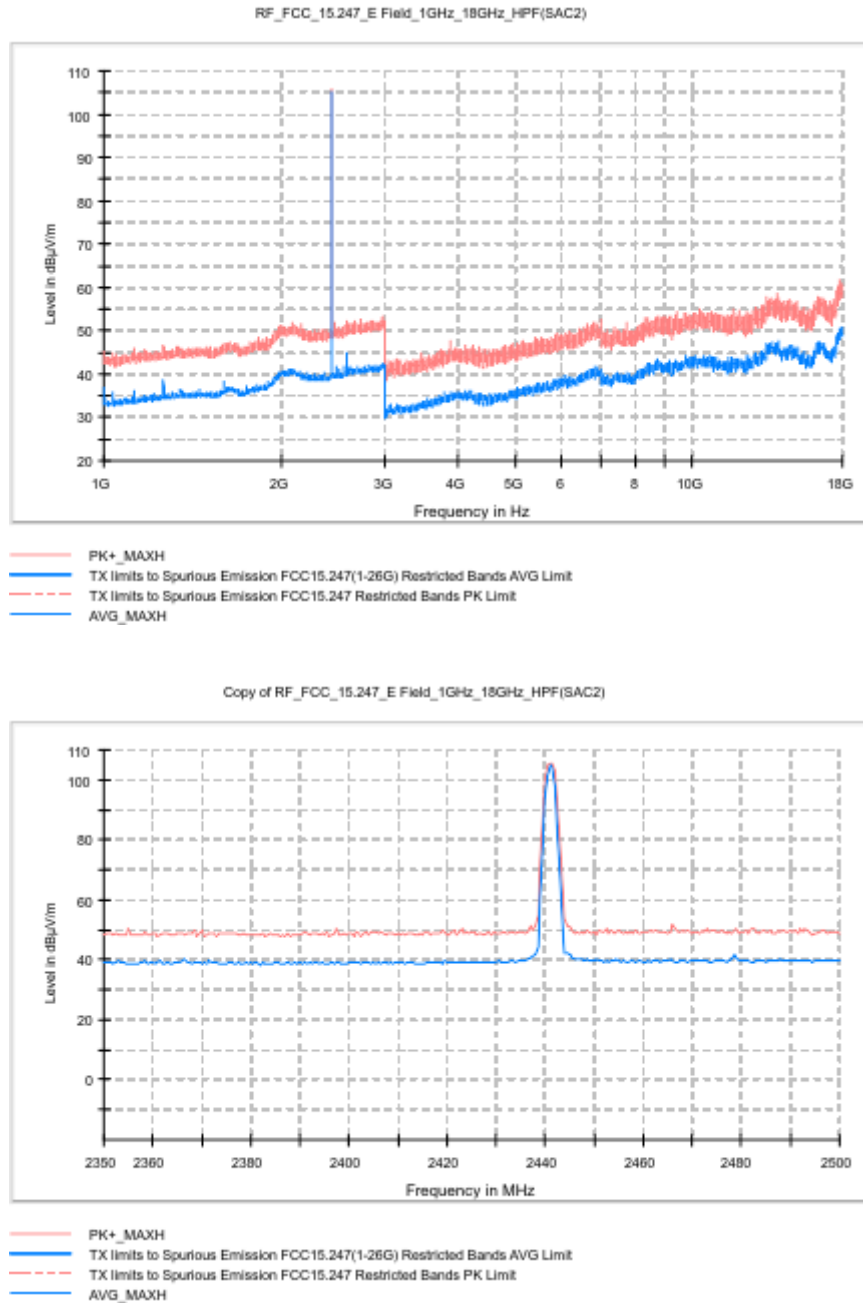
Equipment Type = Frequency Hopping Spread Spectrum systems (DSS)

Frequency MHz = 2441.00000

Active Port = 1

Modulation = BT (GFSK 1-DH5)

Images:



Tables:

Spectrum Analyzer Parameters

Subrange	Step Size	Detectors	Bandwidth	Sweep Time	Preamp
1 GHz - 3 GHz	500 kHz	PK+ ; RMS	1 MHz	0.1 s	20 dB
3 GHz - 18 GHz	500 kHz	PK+ ; RMS	1 MHz	0.1 s	20 dB

Operation Band MHz = [2400, 2483.5]

Frequency Range GHz = [1, 18]

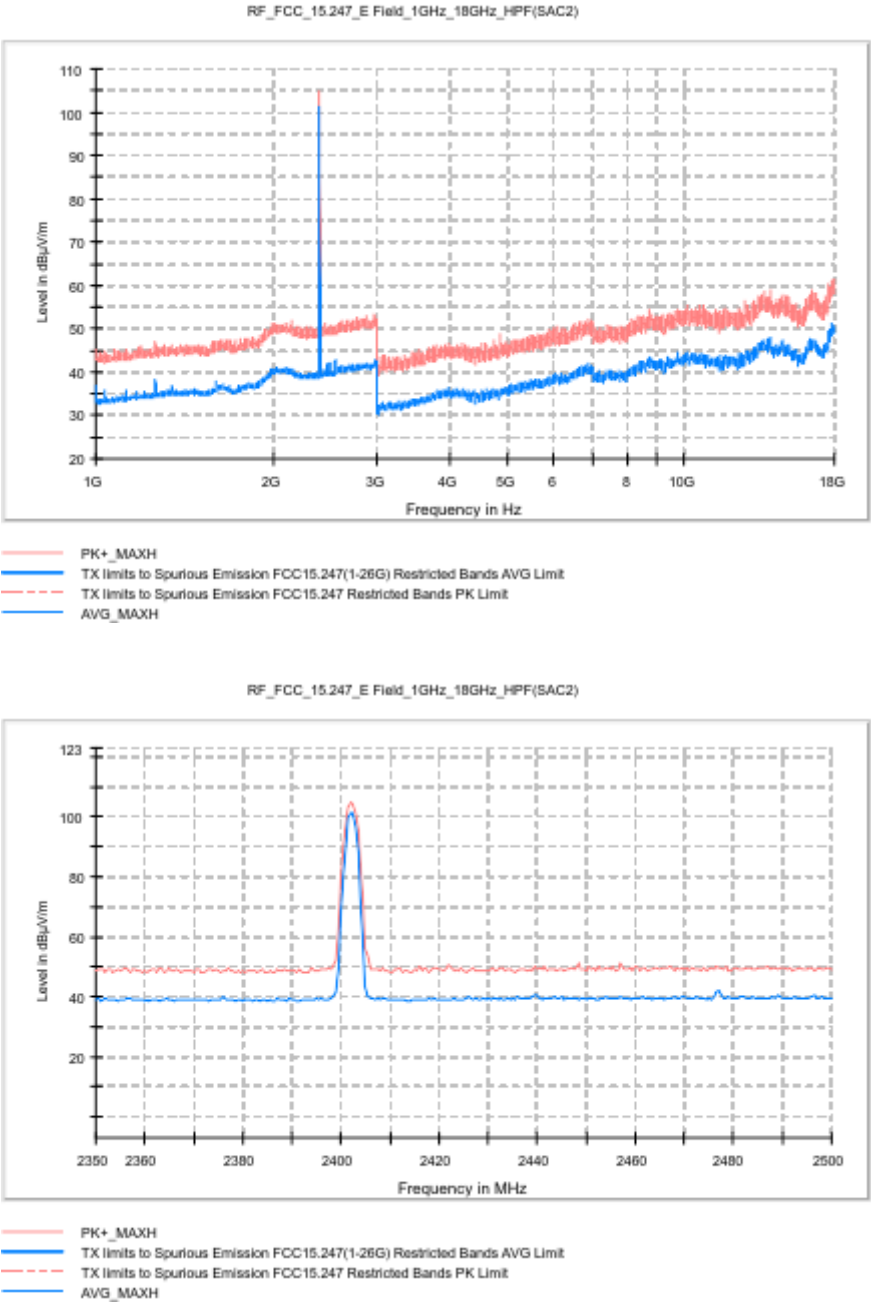
Equipment Type = Frequency Hopping Spread Spectrum systems (DSS)

Frequency MHz = 2480.00000

Active Port = 1

Modulation = BT (GFSK 1-DH5)

Images:



Tables:

Spectrum Analyzer Parameters

Subrange	Step Size	Detectors	Bandwidth	Sweep Time	Preamp
1 GHz - 3 GHz	500 kHz	PK+ ; RMS	1 MHz	0.1 s	20 dB
3 GHz - 18 GHz	500 kHz	PK+ ; RMS	1 MHz	0.1 s	20 dB

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

Results

Operation Band (MHz)	Freq Rng (GHz)	Equipment	Freq (MHz)	Port	Unwanted Freq (MHz)	Unwanted Lvl (dBµV/m)	Pol	Detector
[2400, 2483.5]	[1, 18]	Freq. Hopping Spread Spectrum (DSS)	2402.00000	1	1038.500	35.80	H	AVG
[2400, 2483.5]	[1, 18]	Freq. Hopping Spread Spectrum (DSS)	2402.00000	1	11747.000	43.30	V	AVG
[2400, 2483.5]	[1, 18]	Freq. Hopping Spread Spectrum (DSS)	2402.00000	1	2402.000	101.20	V	AVG
[2400, 2483.5]	[1, 18]	Freq. Hopping Spread Spectrum (DSS)	2441.00000	1	1038.000	35.20	H	AVG
[2400, 2483.5]	[1, 18]	Freq. Hopping Spread Spectrum (DSS)	2441.00000	1	11504.000	43.10	V	AVG
[2400, 2483.5]	[1, 18]	Freq. Hopping Spread Spectrum (DSS)	2441.00000	1	2441.000	102.30	V	AVG
[2400, 2483.5]	[1, 18]	Freq. Hopping Spread Spectrum (DSS)	2480.00000	1	1038.000	35.10	H	AVG
[2400, 2483.5]	[1, 18]	Freq. Hopping Spread Spectrum (DSS)	2480.00000	1	1600.000	38.20	H	AVG
[2400, 2483.5]	[1, 18]	Freq. Hopping Spread Spectrum (DSS)	2480.00000	1	2480.000	102.10	V	AVG

Verdict

Pass

Attachments

Operation Band MHz = [2400, 2483.5]

Frequency Range GHz = [1, 18]

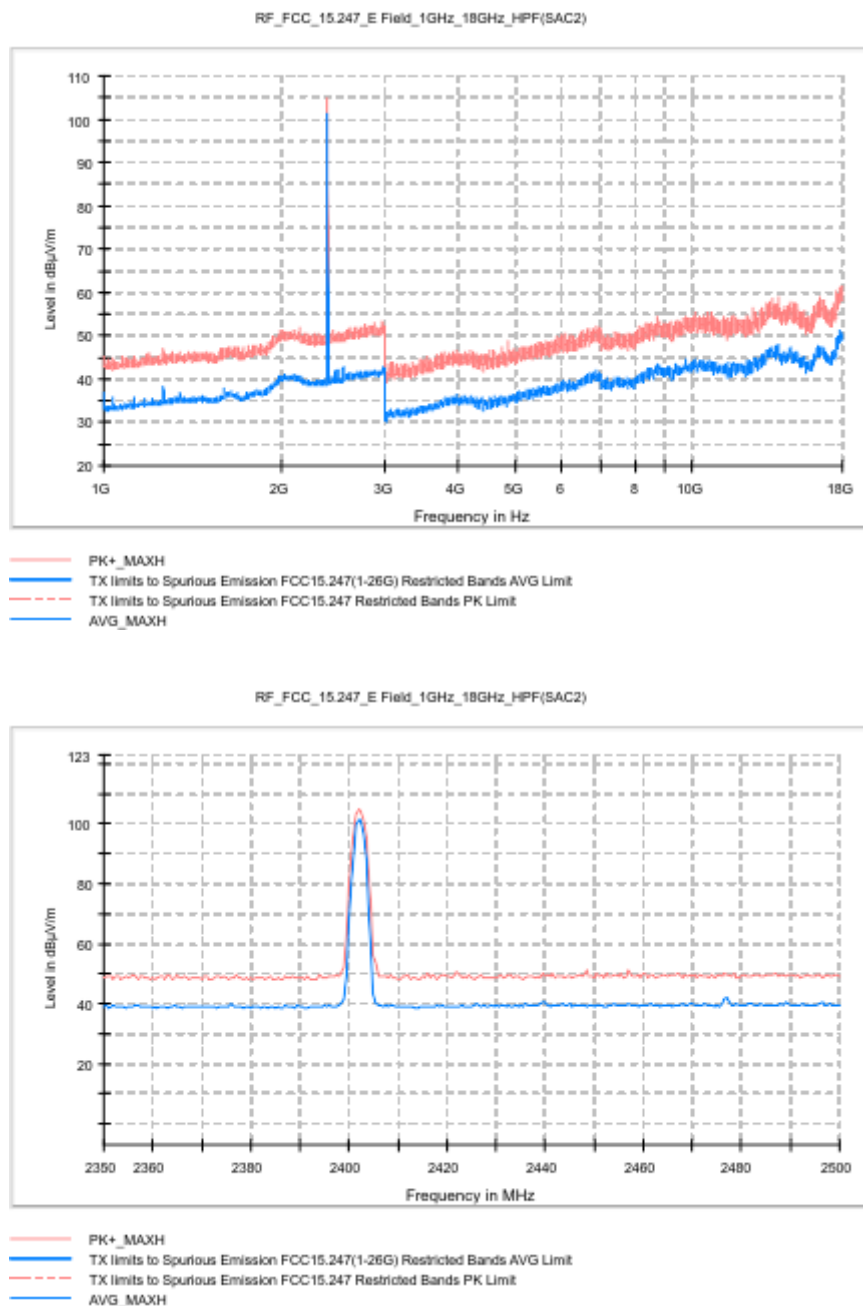
Equipment Type = Frequency Hopping Spread Spectrum systems (DSS)

Frequency MHz = 2402.00000

Active Port = 1

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

Images:



Tables:

Spectrum Analyzer Parameters

Subrange	Step Size	Detectors	Bandwidth	Sweep Time	Preamplifier
1 GHz - 3 GHz	500 kHz	PK+ ; RMS	1 MHz	0.1 s	20 dB
3 GHz - 18 GHz	500 kHz	PK+ ; RMS	1 MHz	0.1 s	20 dB

Operation Band MHz = [2400, 2483.5]

Frequency Range GHz = [1, 18]

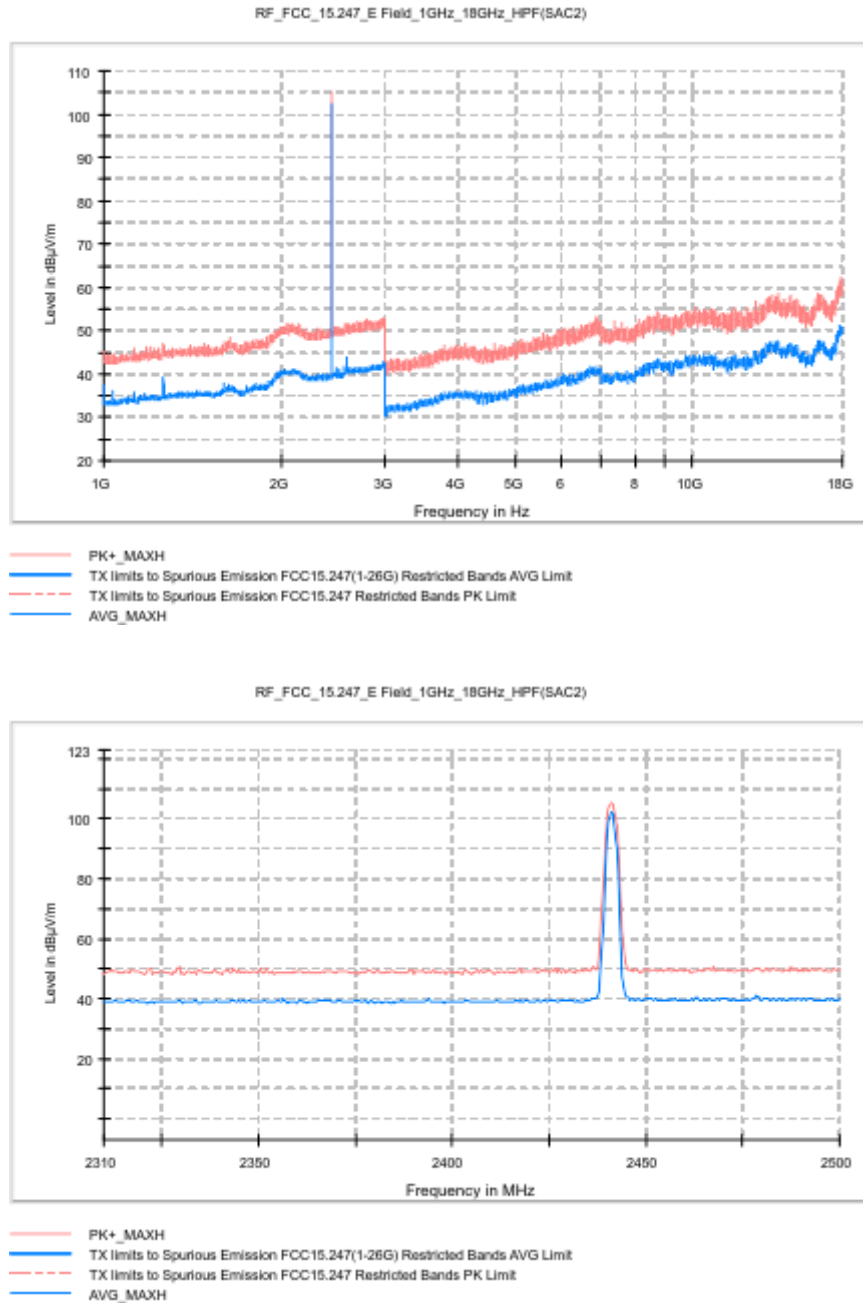
Equipment Type = Frequency Hopping Spread Spectrum systems (DSS)

Frequency MHz = 2441.00000

Active Port = 1

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

Images:



Tables:

Spectrum Analyzer Parameters

Subrange	Step Size	Detectors	Bandwidth	Sweep Time	Preamp
1 GHz - 3 GHz	500 kHz	PK+ ; RMS	1 MHz	0.1 s	20 dB
3 GHz - 18 GHz	500 kHz	PK+ ; RMS	1 MHz	0.1 s	20 dB

Operation Band MHz = [2400, 2483.5]

Frequency Range GHz = [1, 18]

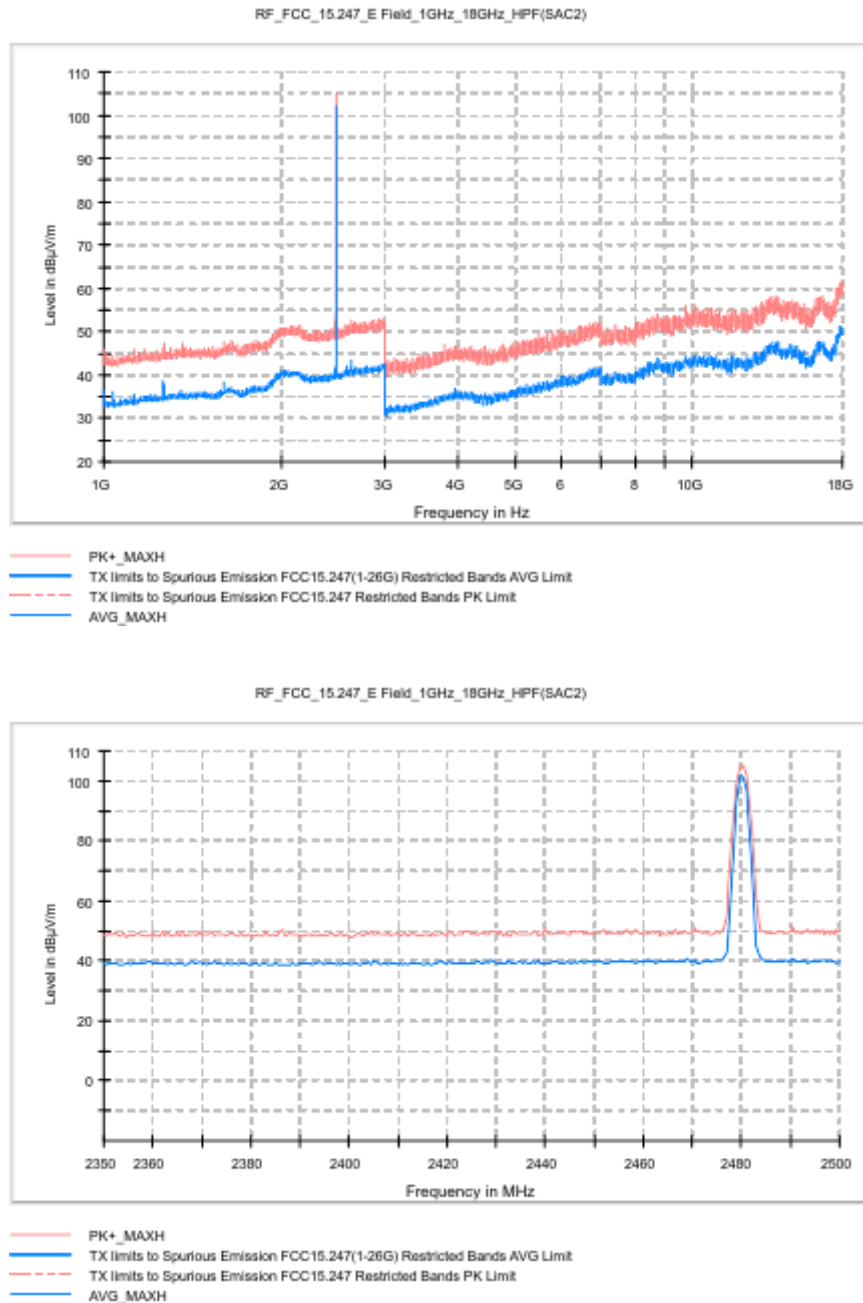
Equipment Type = Frequency Hopping Spread Spectrum systems (DSS)

Frequency MHz = 2480.00000

Active Port = 1

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

Images:



Tables:

Spectrum Analyzer Parameters

Subrange	Step Size	Detectors	Bandwidth	Sweep Time	Preamp
1 GHz - 3 GHz	500 kHz	PK+ ; RMS	1 MHz	0.1 s	20 dB
3 GHz - 18 GHz	500 kHz	PK+ ; RMS	1 MHz	0.1 s	20 dB

Modulation: BT (8DPSK 3-DH5)

Results

Operation Band (MHz)	Freq Rng (GHz)	Equipment	Freq (MHz)	Port	Unwanted Freq (MHz)	Unwanted Lvl (dBµV/m)	Pol	Detector
[2400, 2483.5]	[1, 18]	Freq. Hopping Spread Spectrum (DSS	2402.00000	1	1124.500	35.50	H	AVG
[2400, 2483.5]	[1, 18]	Freq. Hopping Spread Spectrum (DSS	2402.00000	1	11672.500	43.70	V	AVG
[2400, 2483.5]	[1, 18]	Freq. Hopping Spread Spectrum (DSS	2402.00000	1	2402.000	101.80	V	AVG
[2400, 2483.5]	[1, 18]	Freq. Hopping Spread Spectrum (DSS	2441.00000	1	1125.000	36.00	H	AVG
[2400, 2483.5]	[1, 18]	Freq. Hopping Spread Spectrum (DSS	2441.00000	1	11657.500	43.30	V	AVG
[2400, 2483.5]	[1, 18]	Freq. Hopping Spread Spectrum (DSS	2441.00000	1	2441.000	102.50	V	AVG
[2400, 2483.5]	[1, 18]	Freq. Hopping Spread Spectrum (DSS	2480.00000	1	1125.000	36.40	H	AVG
[2400, 2483.5]	[1, 18]	Freq. Hopping Spread Spectrum (DSS	2480.00000	1	12434.500	43.70	H	AVG
[2400, 2483.5]	[1, 18]	Freq. Hopping Spread Spectrum (DSS	2480.00000	1	2480.500	101.60	H	AVG

Verdict

Pass

Operation Band MHz = [2400, 2483.5]

Frequency Range GHz = [1, 18]

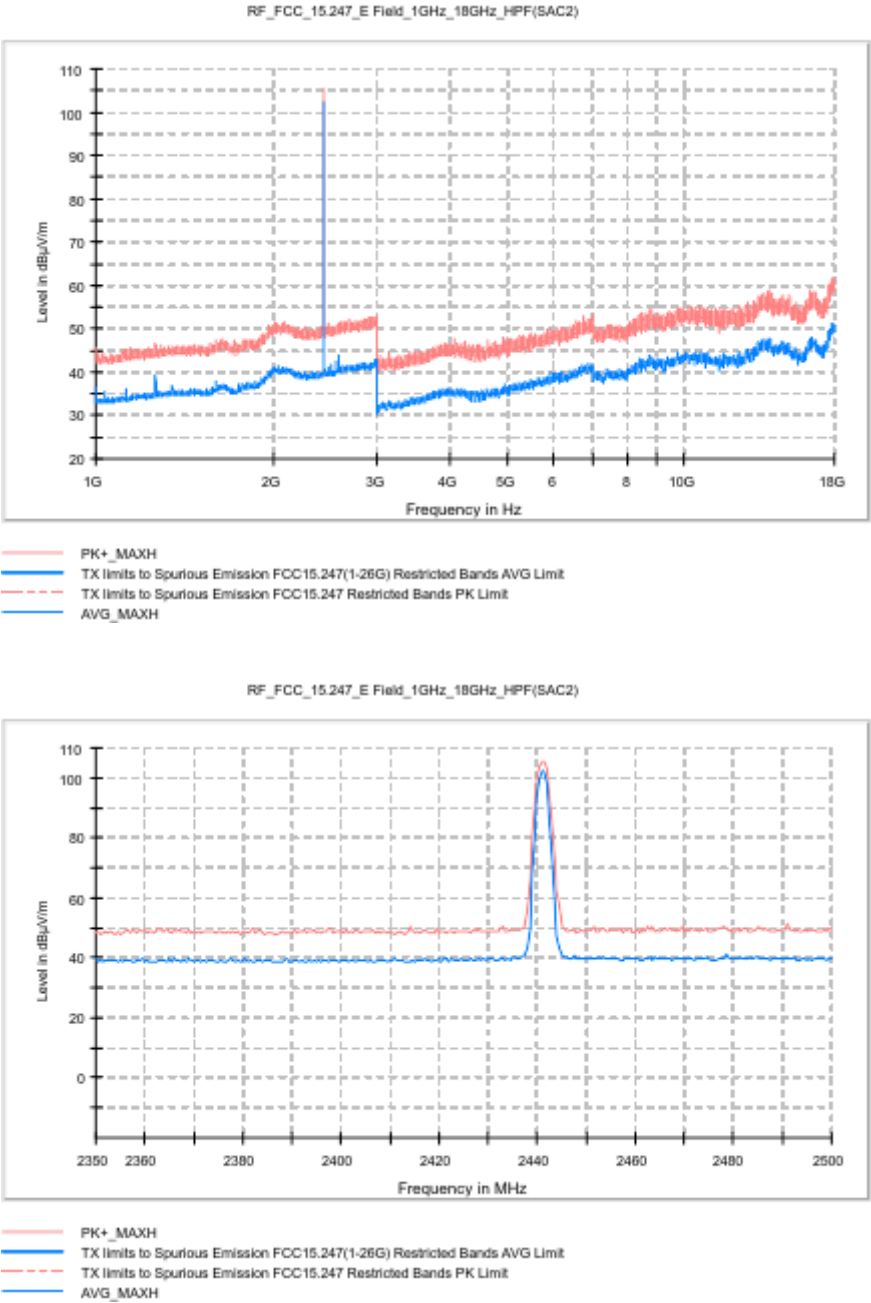
Equipment Type = Frequency Hopping Spread Spectrum systems (DSS)

Frequency MHz = 2441.00000

Active Port = 1

Modulation = BT (8DPSK 3-DH5)

Images:



Tables:

Spectrum Analyzer Parameters

Subrange	Step Size	Detectors	Bandwidth	Sweep Time	Preamp
1 GHz - 3 GHz	500 kHz	PK+ ; RMS	1 MHz	0.1 s	20 dB
3 GHz - 18 GHz	500 kHz	PK+ ; RMS	1 MHz	0.1 s	20 dB

Operation Band MHz = [2400, 2483.5]

Frequency Range GHz = [1, 18]

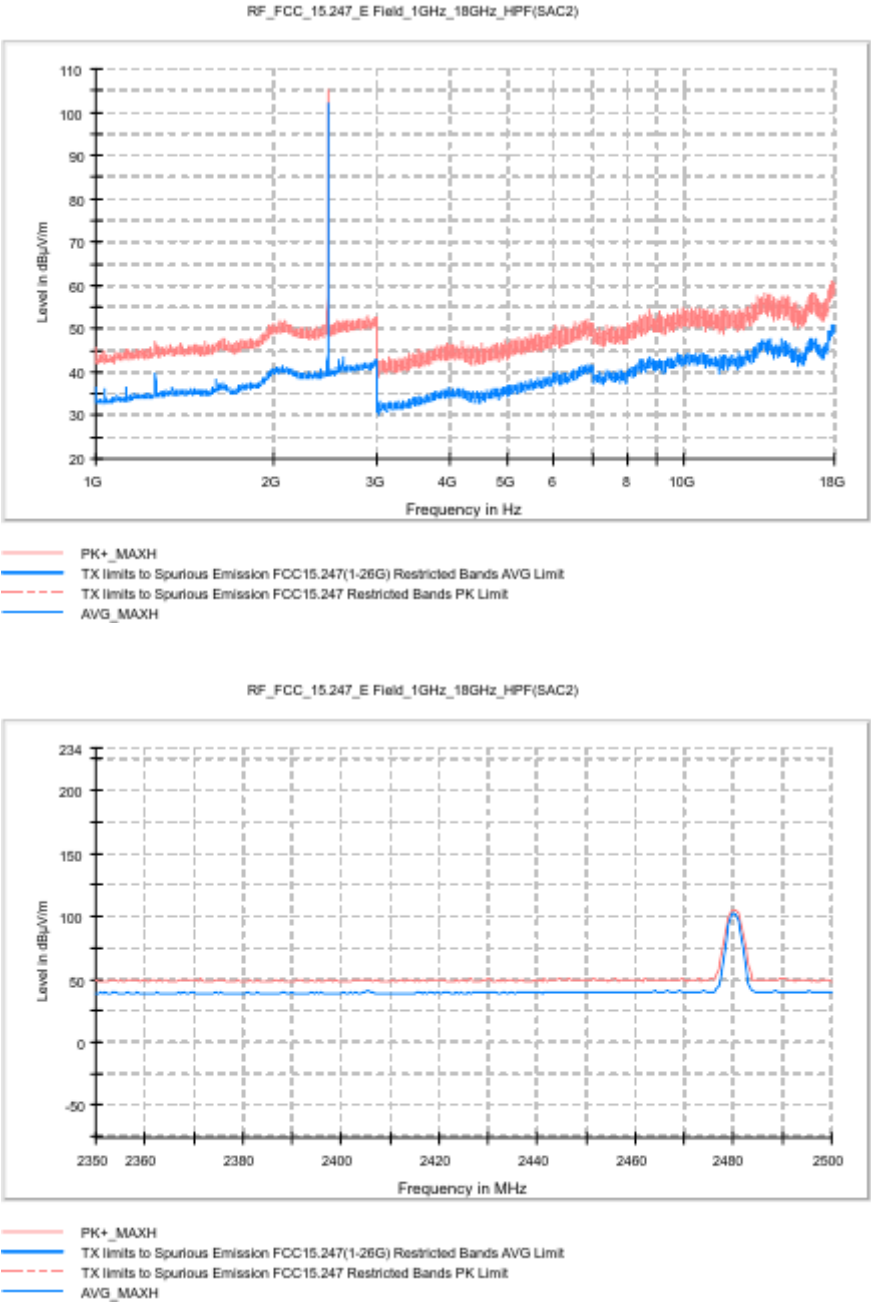
Equipment Type = Frequency Hopping Spread Spectrum systems (DSS)

Frequency MHz = 2480.00000

Active Port = 1

Modulation = BT (8DPSK 3-DH5)

Images:



Tables:

Spectrum Analyzer Parameters

Subrange	Step Size	Detectors	Bandwidth	Sweep Time	Preamp
1 GHz - 3 GHz	500 kHz	PK+ ; RMS	1 MHz	0.1 s	20 dB
3 GHz - 18 GHz	500 kHz	PK+ ; RMS	1 MHz	0.1 s	20 dB

Modulation: 802.11b (DSSS 1 Mbit/s)

Results

Operation Band (MHz)	Freq Rng (GHz)	Equipment	Freq (MHz)	Port	Unwanted Freq (MHz)	Unwanted Lvl (dBµV/m)	Pol	Detector
[2400, 2483.5]	[0.03, 1]	Digital Transmission System (DTS)	2412.00000	1	136.021000	13.4	H	QP
[2400, 2483.5]	[0.03, 1]	Digital Transmission System (DTS)	2412.00000	1	172.008000	28.0	H	QP
[2400, 2483.5]	[0.03, 1]	Digital Transmission System (DTS)	2412.00000	1	241.799500	15.7	H	QP
[2400, 2483.5]	[0.03, 1]	Digital Transmission System (DTS)	2412.00000	1	269.929500	23.1	V	QP
[2400, 2483.5]	[0.03, 1]	Digital Transmission System (DTS)	2412.00000	1	962.170000	20.9	V	QP
[2400, 2483.5]	[0.03, 1]	Digital Transmission System (DTS)	2412.00000	1	993.549500	31.5	H	QP
[2400, 2483.5]	[1, 18]	Digital Transmission System (DTS)	2412.00000	1	2262.500	45.70	H	AVG
[2400, 2483.5]	[1, 18]	Digital Transmission System (DTS)	2412.00000	1	2412.000	99.70	H	AVG
[2400, 2483.5]	[1, 18]	Digital Transmission System (DTS)	2412.00000	1	2488.500	53.00	H	AVG
[2400, 2483.5]	[1, 18]	Digital Transmission System (DTS)	2437.00000	1	2287.500	45.40	V	AVG
[2400, 2483.5]	[1, 18]	Digital Transmission System (DTS)	2437.00000	1	2323.500	42.70	H	AVG
[2400, 2483.5]	[1, 18]	Digital Transmission System (DTS)	2437.00000	1	2437.500	100.30	H	AVG
[2400, 2483.5]	[1, 18]	Digital Transmission System (DTS)	2462.00000	1	2385.500	49.50	H	AVG
[2400, 2483.5]	[1, 18]	Digital Transmission System (DTS)	2462.00000	1	2462.500	92.10	V	AVG
[2400, 2483.5]	[1, 18]	Digital Transmission System (DTS)	2462.00000	1	3917.000	34.80	H	AVG

Verdict

Pass

Attachments

Operation Band MHz = [2400, 2483.5]

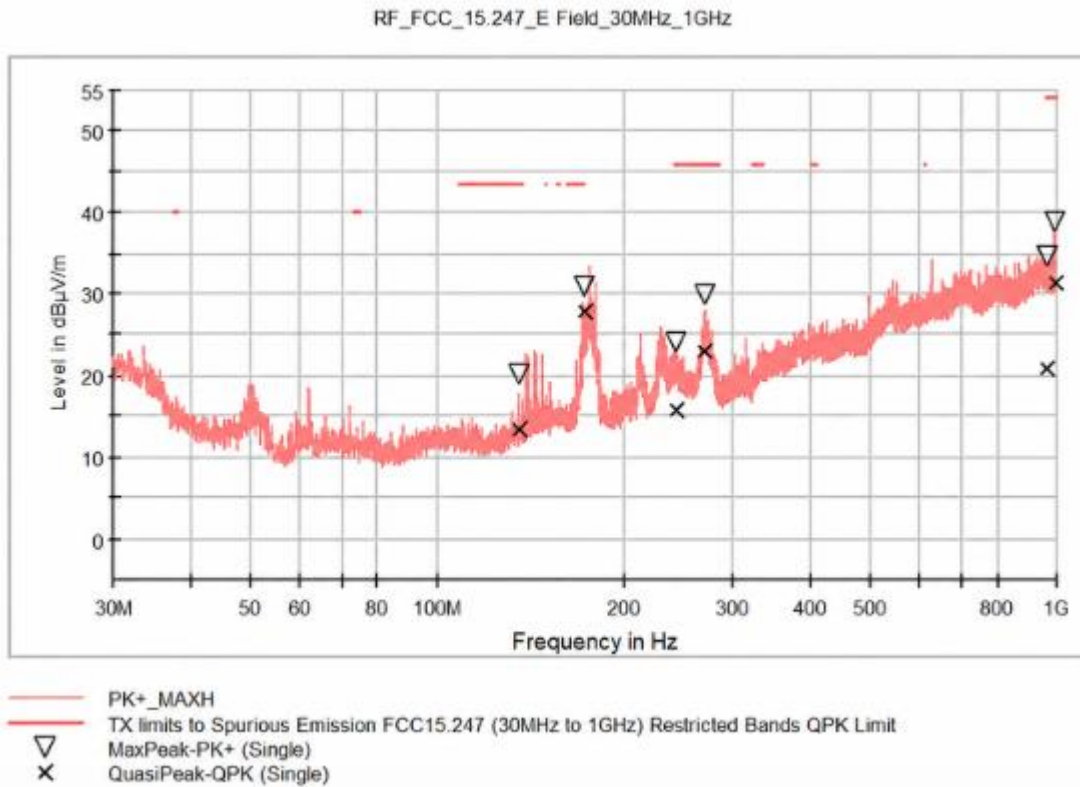
Frequency Range GHz = [0.03, 1]

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

Active Port = 1

Modulation = 802.11b (DSSS 1 Mbit/s)

Images:



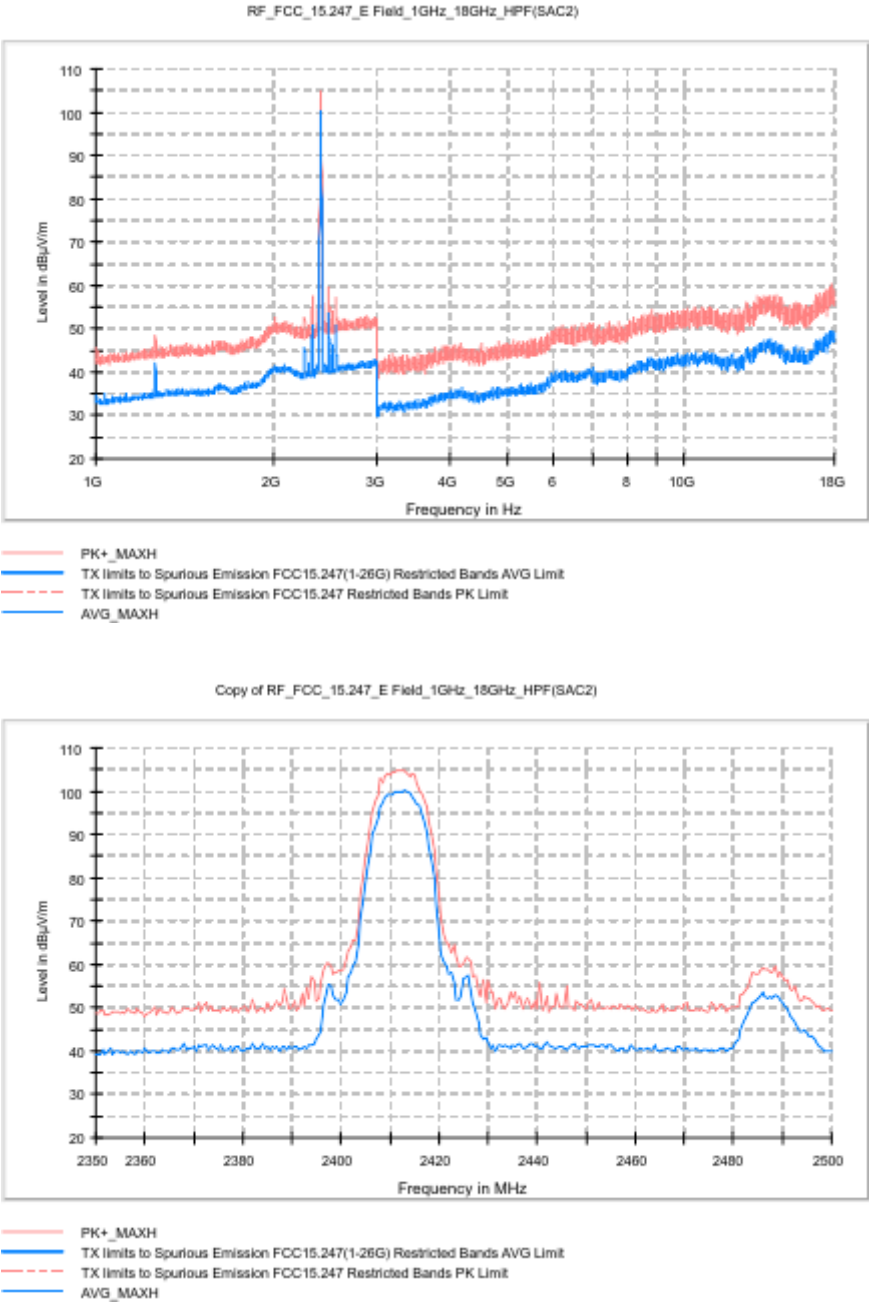
Operation Band MHz = [2400, 2483.5]

Frequency Range GHz = [1, 18]

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

Active Port = 1 Modulation = 802.11b (DSSS 1 Mbit/s)

Images:



Tables:

Spectrum Analyzer Parameters

Subrange	Step Size	Detectors	Bandwidth	Sweep Time	Preamp
1 GHz - 3 GHz	500 kHz	PK+ ; RMS	1 MHz	0.1 s	20 dB
3 GHz - 18 GHz	500 kHz	PK+ ; RMS	1 MHz	0.1 s	20 dB

Operation Band MHz = [2400, 2483.5]

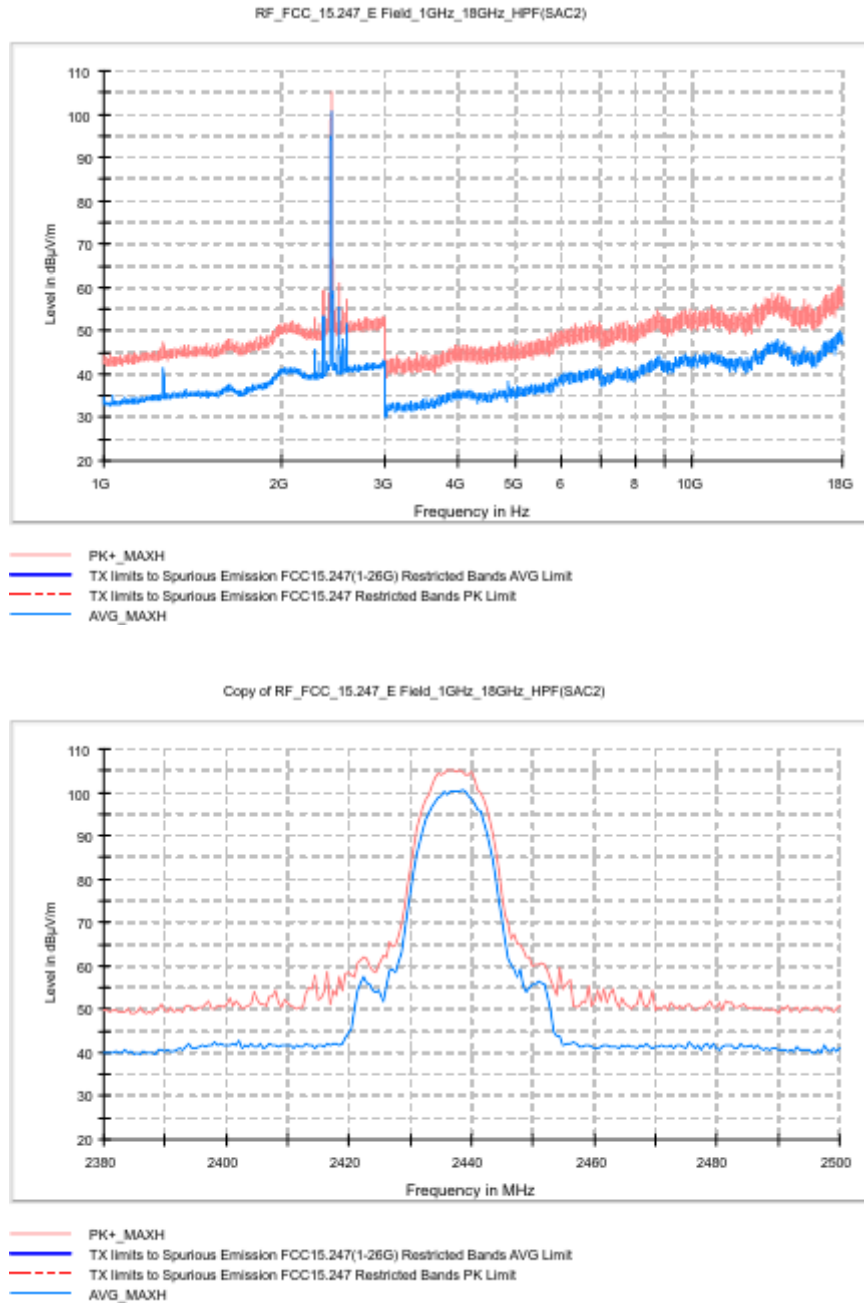
Frequency Range GHz = [1, 18]

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

Active Port = 1

Modulation = 802.11b (DSSS 1 Mbit/s)

Images:



Tables:

Spectrum Analyzer Parameters

Subrange	Step Size	Detectors	Bandwidth	Sweep Time	Preamp
1 GHz - 3 GHz	500 kHz	PK+ ; RMS	1 MHz	0.1 s	20 dB
3 GHz - 18 GHz	500 kHz	PK+ ; RMS	1 MHz	0.1 s	20 dB

Operation Band MHz = [2400, 2483.5]

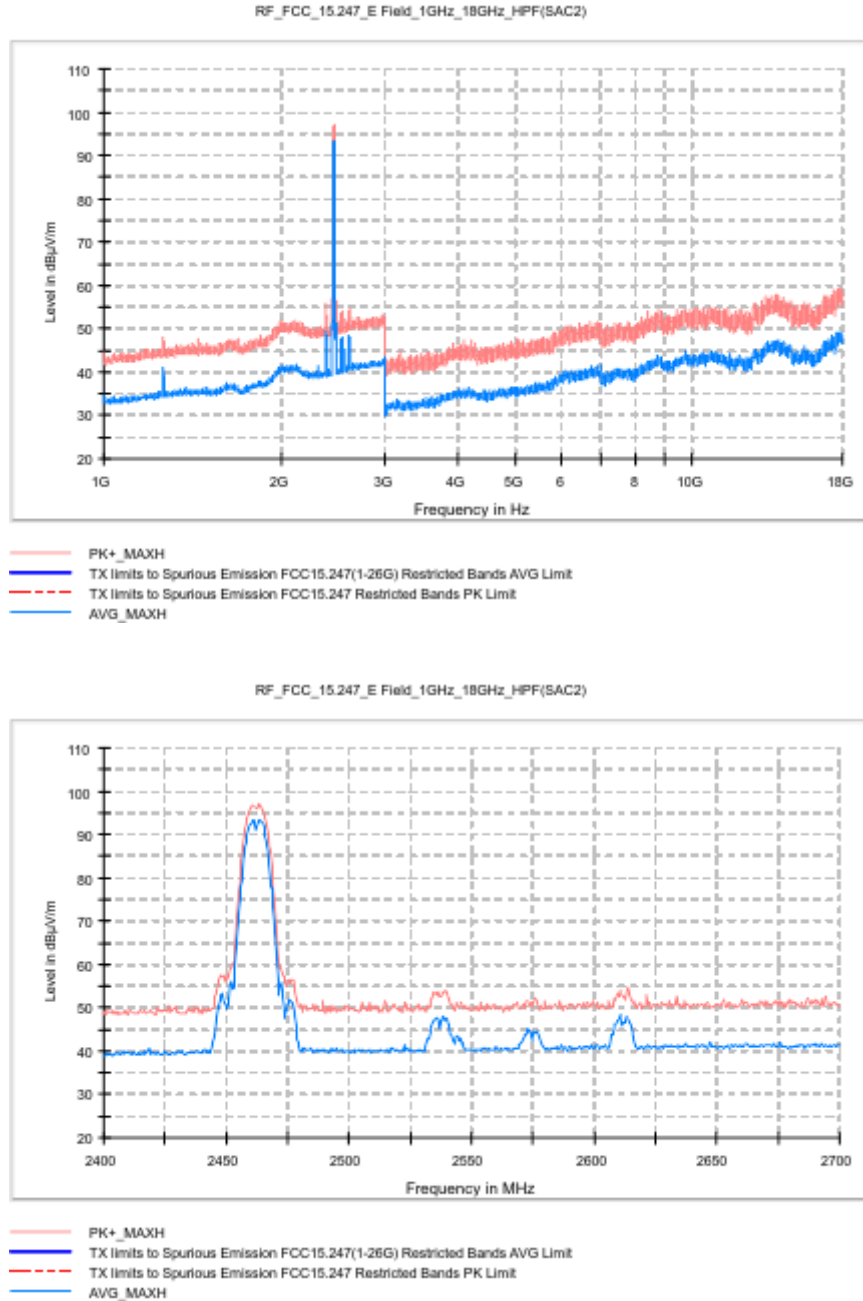
Frequency Range GHz = [1, 18]

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

Active Port = 1

Modulation = 802.11b (DSSS 1 Mbit/s)

Images:



Tables:

Spectrum Analyzer Parameters

Subrange	Step Size	Detectors	Bandwidth	Sweep Time	Preamp
1 GHz - 3 GHz	500 kHz	PK+ ; RMS	1 MHz	0.1 s	20 dB
3 GHz - 18 GHz	500 kHz	PK+ ; RMS	1 MHz	0.1 s	20 dB

Modulation: 802.11g (OFDM 6 Mbit/s)

Results

Operation Band (MHz)	Freq Rng (GHz)	Equipment	Freq (MHz)	Port	Unwanted Freq (MHz)	Unwanted Lvl (dBµV/m)	Pol	Detector
[2400, 2483.5]	[1, 18]	Digital Transmission System (DTS)	2412.00000	1	2260.000	42.40	V	AVG
[2400, 2483.5]	[1, 18]	Digital Transmission System (DTS)	2412.00000	1	2412.000	93.80	V	AVG
[2400, 2483.5]	[1, 18]	Digital Transmission System (DTS)	2412.00000	1	2490.500	47.70	H	AVG
[2400, 2483.5]	[1, 18]	Digital Transmission System (DTS)	2437.00000	1	2283.000	42.00	H	AVG
[2400, 2483.5]	[1, 18]	Digital Transmission System (DTS)	2437.00000	1	2366.000	47.50	H	AVG
[2400, 2483.5]	[1, 18]	Digital Transmission System (DTS)	2437.00000	1	2438.500	95.00	H	AVG
[2400, 2483.5]	[1, 18]	Digital Transmission System (DTS)	2462.00000	1	2381.500	48.20	H	AVG
[2400, 2483.5]	[1, 18]	Digital Transmission System (DTS)	2462.00000	1	2463.500	95.60	H	AVG
[2400, 2483.5]	[1, 18]	Digital Transmission System (DTS)	2462.00000	1	2851.000	42.50	H	AVG

Verdict

Pass

Attachments

Operation Band MHz = [2400, 2483.5]

Frequency Range GHz = [1, 18]

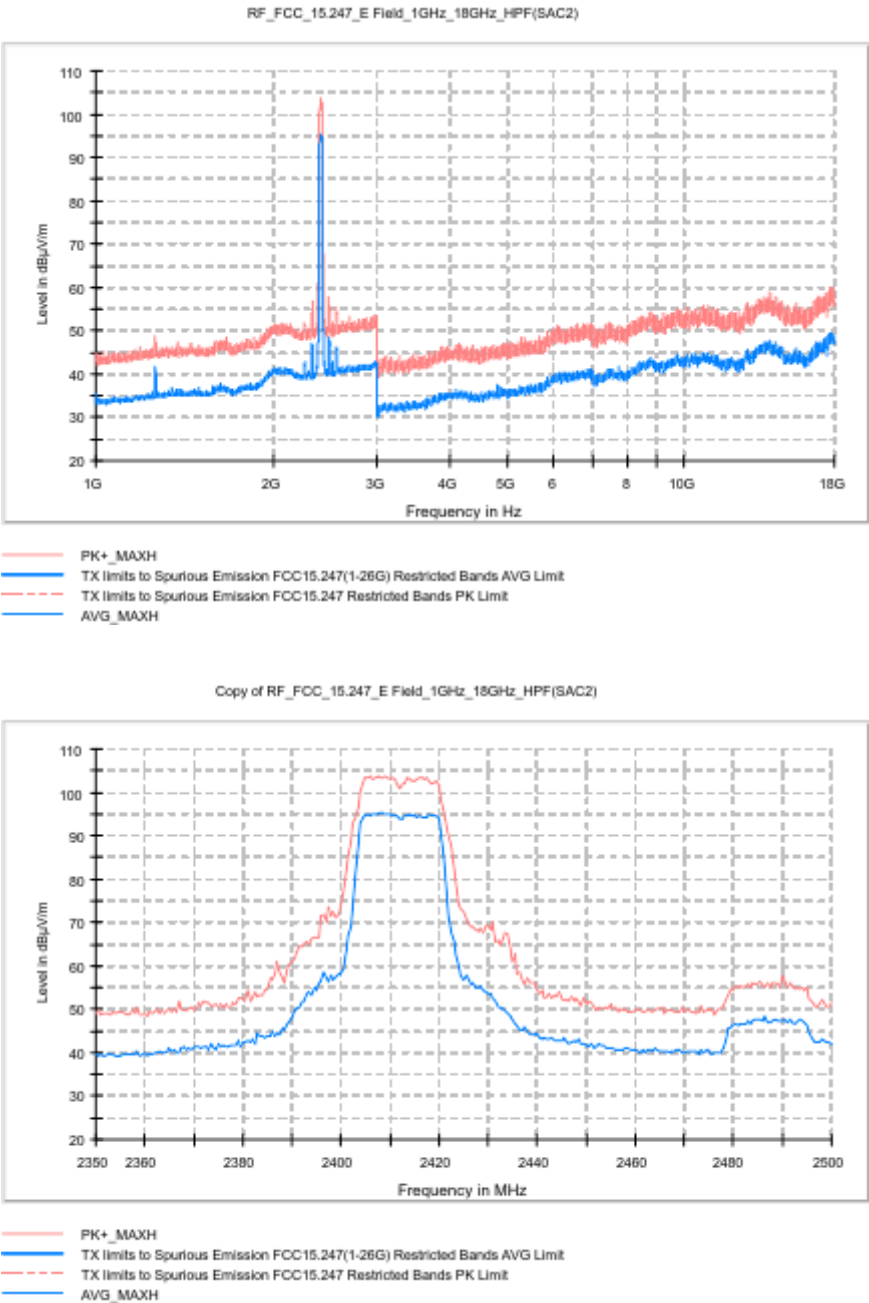
Equipment Type = Digital Transmission System (DTS)

Frequency MHz = 2412.00000

Active Port = 1

Modulation = 802.11g (OFDM 6 Mbit/s)

Images:



Tables:

Spectrum Analyzer Parameters

Subrange	Step Size	Detectors	Bandwidth	Sweep Time	Preamp
1 GHz - 3 GHz	500 kHz	PK+ ; RMS	1 MHz	0.1 s	20 dB
3 GHz - 18 GHz	500 kHz	PK+ ; RMS	1 MHz	0.1 s	20 dB

Operation Band MHz = [2400, 2483.5]

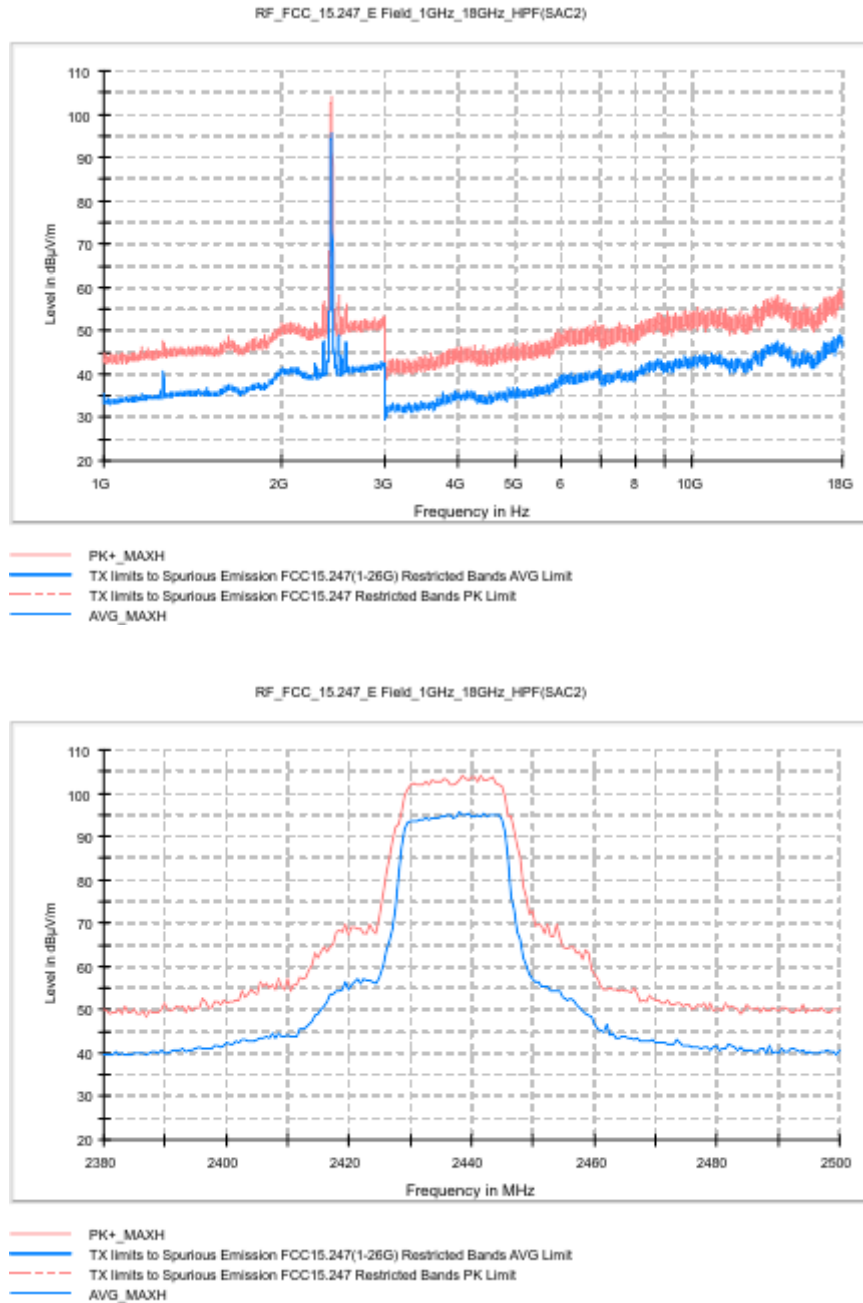
Frequency Range GHz = [1, 18]

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

Active Port = 1

Modulation = 802.11g (OFDM 6 Mbit/s)

Images:



Tables:

Spectrum Analyzer Parameters

Subrange	Step Size	Detectors	Bandwidth	Sweep Time	Preamp
1 GHz - 3 GHz	500 kHz	PK+ ; RMS	1 MHz	0.1 s	20 dB
3 GHz - 18 GHz	500 kHz	PK+ ; RMS	1 MHz	0.1 s	20 dB

Operation Band MHz = [2400, 2483.5]

Frequency Range GHz = [1, 18]

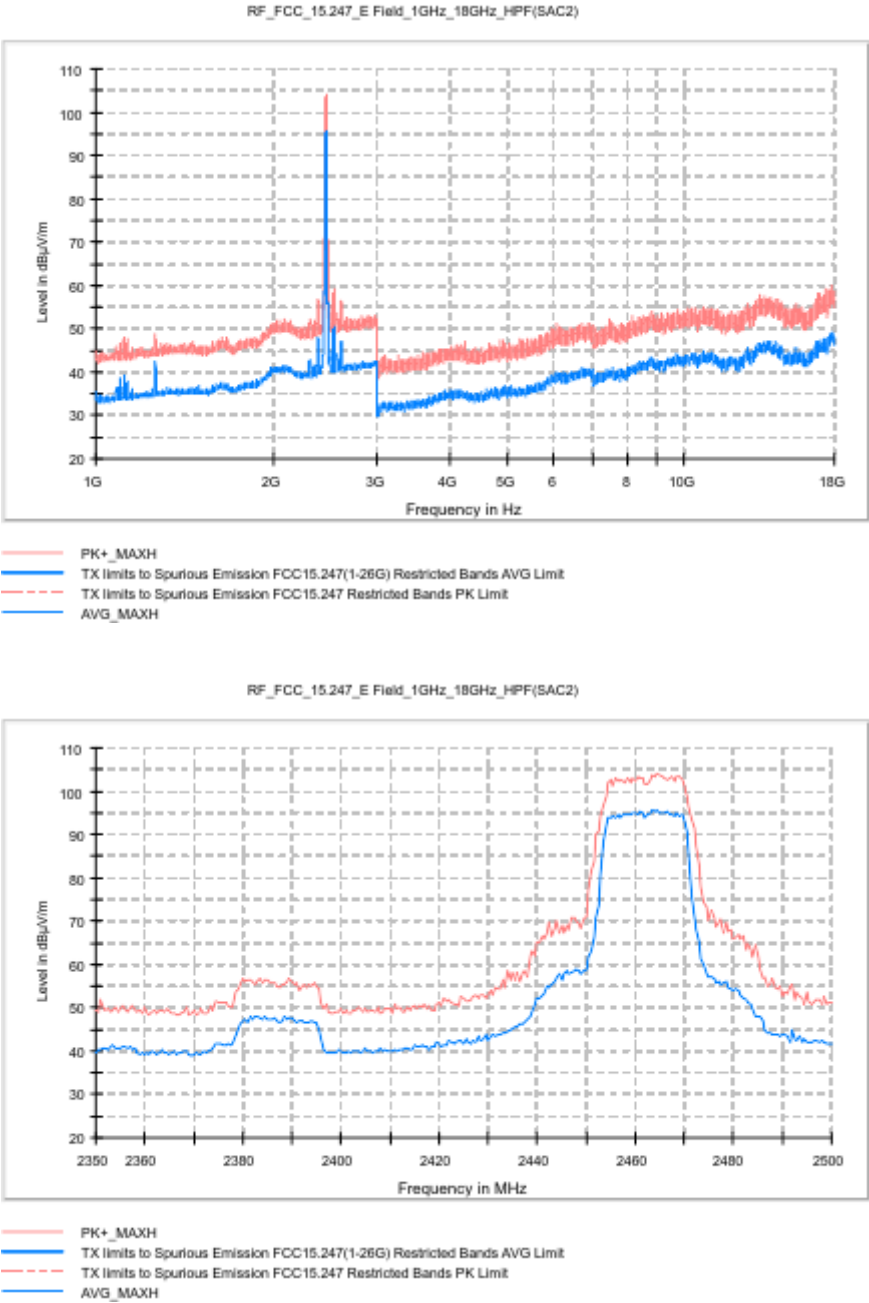
Equipment Type = Digital Transmission System (DTS)

Frequency MHz = 2462.00000

Active Port = 1

Modulation = 802.11g (OFDM 6 Mbit/s)

Images:



Tables:

Spectrum Analyzer Parameters

Subrange	Step Size	Detectors	Bandwidth	Sweep Time	Preamp
1 GHz - 3 GHz	500 kHz	PK+ ; RMS	1 MHz	0.1 s	20 dB
3 GHz - 18 GHz	500 kHz	PK+ ; RMS	1 MHz	0.1 s	20 dB

HR2: This frequency range doesn't depend on the EUT operating channel and modulation.

Frequency Range GHz = [18, 26]

Equipment Type = Digital Transmission System (DTS)

Active Port = 1

Operation Band MHz = [2400, 2483.5]

Frequency MHz = 2402.00000

Modulation = BT (GFSK 1-DH5)

Images:

